

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118126.D
 Acq On : 7 Dec 2019 13:54
 Operator : JU
 Sample : K6162-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:42:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122866	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	489549	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	261429	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	506594	20.00	ng	0.00
76) Chrysene-d12	14.06	240	341061	20.00	ng	0.00
87) Perylene-d12	15.55	264	301551	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	976437	139.19	ng	0.02
7) Phenol-d6	6.50	99	1220290	143.82	ng	0.00
23) Nitrobenzene-d5	7.43	82	753142	86.55	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	448428	141.20	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1504944	87.60	ng	0.00
79) Terphenyl-d14	13.00	244	1939078	97.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	115610	39.085	ng	# 85
3) Pyridine	3.55	79	270093	35.392	ng	98
4) n-Nitrosodimethylamine	3.46	42	154362	47.019	ng	98
6) Aniline	6.53	93	123321	11.362	ng	95
8) 2-Chlorophenol	6.66	128	377998	47.787	ng	98
9) Benzaldehyde	6.42	77	93287	16.685	ng	97
10) Phenol	6.52	94	427365	44.166	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	322516	46.084	ng	95
12) 1,3-Dichlorobenzene	6.81	146	365430	39.547	ng	96
13) 1,4-Dichlorobenzene	6.89	146	381505	41.002	ng	97
14) 1,2-Dichlorobenzene	7.04	146	355884	40.728	ng	98
15) Benzyl Alcohol	7.01	79	324656	49.017	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	369816	43.949	ng	98
17) 2-Methylphenol	7.12	107	304405	48.385	ng	99
18) Hexachloroethane	7.38	117	133827	39.033	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	242202	46.976	ng	99
20) 3+4-Methylphenols	7.27	107	387746	49.067	ng	96
22) Acetophenone	7.27	105	516699	43.932	ng	99
24) Nitrobenzene	7.45	77	377027	44.099	ng	99
25) Isophorone	7.69	82	671072	45.492	ng	100
26) 2-Nitrophenol	7.77	139	212657	46.537	ng	97
27) 2,4-Dimethylphenol	7.80	122	328182	53.841	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	419523	43.523	ng	97
29) 2,4-Dichlorophenol	8.01	162	327678	46.114	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	342892	41.291	ng	99
31) Naphthalene	8.17	128	1083276	44.060	ng	99
32) Benzoic acid	7.91	122	107837	19.594	ng	100
33) 4-Chloroaniline	8.22	127	38971	3.671	ng	98
34) Hexachlorobutadiene	8.29	225	192360	38.629	ng	98
35) Caprolactam	8.60	113	55204	25.192	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	350444	46.864	ng	97
37) 2-Methylnaphthalene	8.87	142	761254	45.735	ng	99
38) 1-Methylnaphthalene	8.97	142	701604	44.892	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	338413	42.731	ng	99

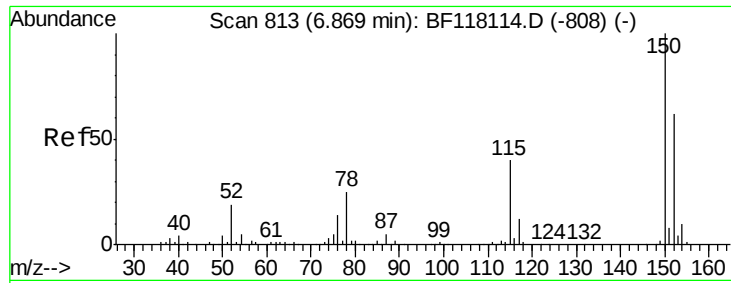
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 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	325079	91.614	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	240228	45.431	ng	97
44) 2,4,5-Trichlorophenol	9.20	196	253001	46.182	ng	92
46) 1,1'-Biphenyl	9.33	154	930393	45.124	ng	100
47) 2-Chloronaphthalene	9.36	162	716864	43.222	ng	97
48) 2-Nitroaniline	9.46	65	206151	43.585	ng	98
49) Acenaphthylene	9.78	152	1135047	46.399	ng	99
50) Dimethylphthalate	9.64	163	861402	44.609	ng	99
51) 2,6-Dinitrotoluene	9.70	165	194941	46.427	ng	95
52) Acenaphthene	9.95	154	665695	44.584	ng	99
53) 3-Nitroaniline	9.87	138	55251	11.181	ng	97
54) 2,4-Dinitrophenol	9.98	184	69075	33.066	ng	90
55) Dibenzofuran	10.12	168	1014739	46.381	ng	100
56) 4-Nitrophenol	10.04	139	313931	91.543	ng	99
57) 2,4-Dinitrotoluene	10.11	165	269725	48.127	ng	94
58) Fluorene	10.47	166	799877	46.005	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	221057	48.909	ng	99
60) Diethylphthalate	10.34	149	868416	45.645	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	394512	45.096	ng	97
62) 4-Nitroaniline	10.49	138	199585	38.726	ng	98
63) Azobenzene	10.62	77	745456	45.898	ng	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	78060	27.902	ng	96
66) n-Nitrosodiphenylamine	10.58	169	718669	45.428	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	251235	43.445	ng	97
68) Hexachlorobenzene	11.02	284	292116	42.917	ng	# 91
69) Atrazine	11.10	200	217706	56.853	ng	97
70) Pentachlorophenol	11.22	266	294279	91.935	ng	100
71) Phenanthrene	11.43	178	1226510	45.544	ng	99
72) Anthracene	11.49	178	1262849	47.008	ng	99
73) Carbazole	11.64	167	1109409	46.027	ng	100
74) Di-n-butylphthalate	11.97	149	1362266	45.159	ng	99
75) Fluoranthene	12.63	202	1266463	45.998	ng	98
77) Benzidine	12.75	184	586376	65.309	ng	98
78) Pyrene	12.86	202	1278660	47.574	ng	99
80) Butylbenzylphthalate	13.47	149	567789	46.646	ng	96
81) Benzo(a)anthracene	14.05	228	1044775	44.302	ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	135109	17.444	ng	98
83) Chrysene	14.09	228	995546	44.193	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	785020	48.910	ng	# 99
85) Di-n-octyl phthalate	14.65	149	1202150	49.444	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	928491	48.985	ng	99
88) Benzo(b)fluoranthene	15.12	252	911753	45.717	ng	97
89) Benzo(k)fluoranthene	15.14	252	853239	44.534	ng	99
90) Benzo(a)pyrene	15.49	252	813408	46.180	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	771000	51.034	ng	99
92) Benzo(g,h,i)perylene	17.52	276	769373	52.996	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

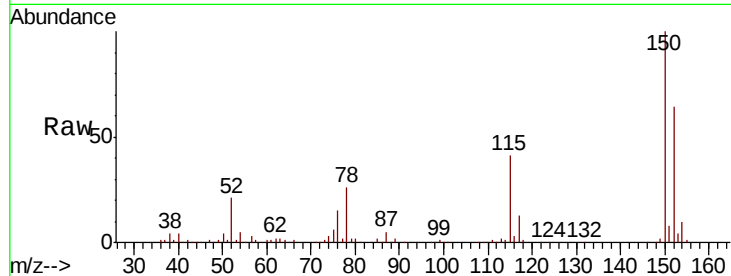


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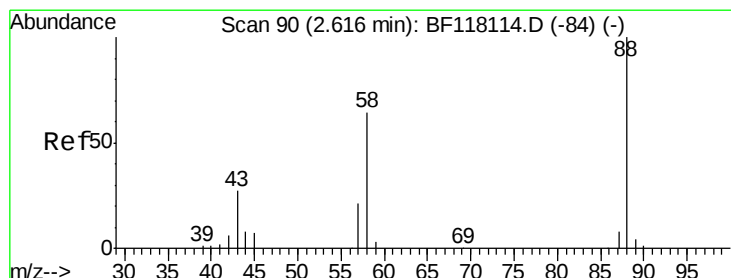
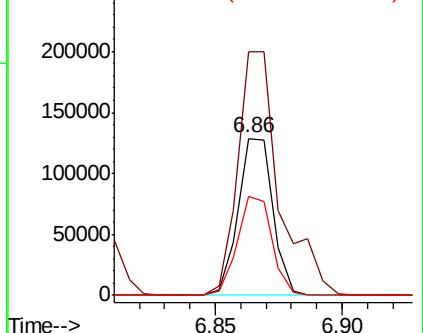
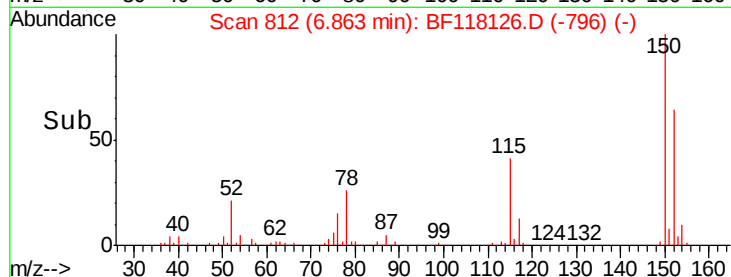
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	128.3	192.5
115	63.3	51.1	76.7



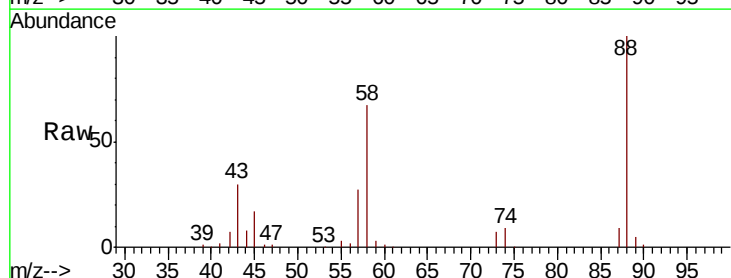
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



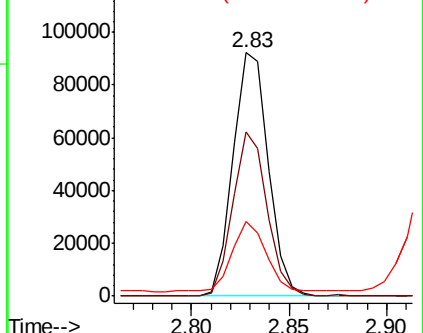
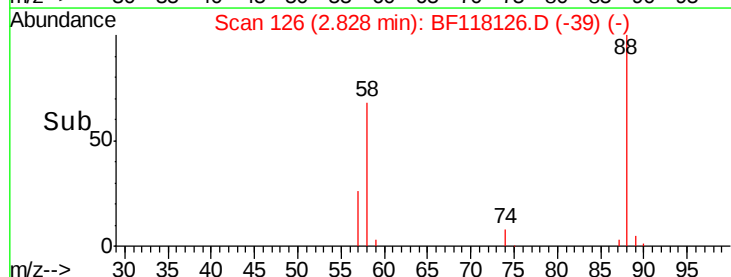
#2

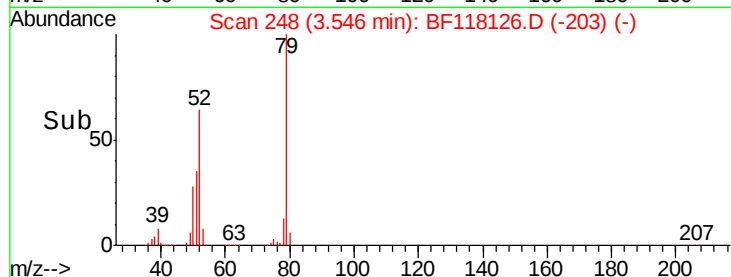
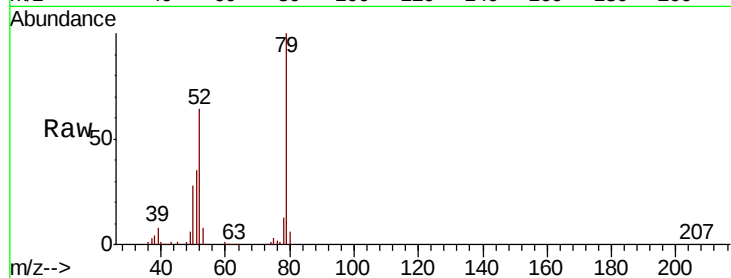
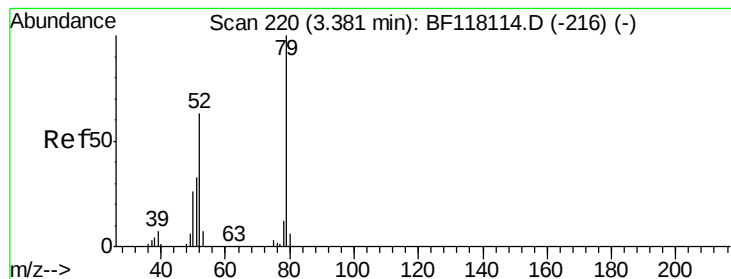
1,4-Dioxane
Concen: 39.085 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.21 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	52.2	78.4
43	0.0	21.4	32.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.392 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.16 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

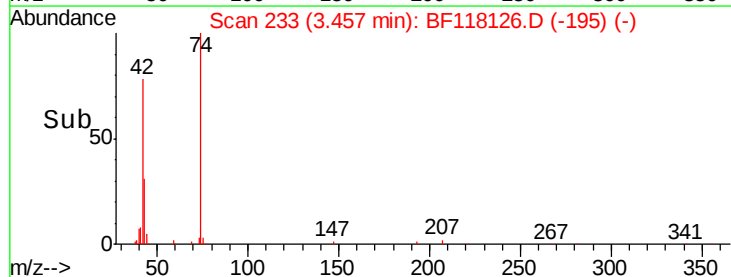
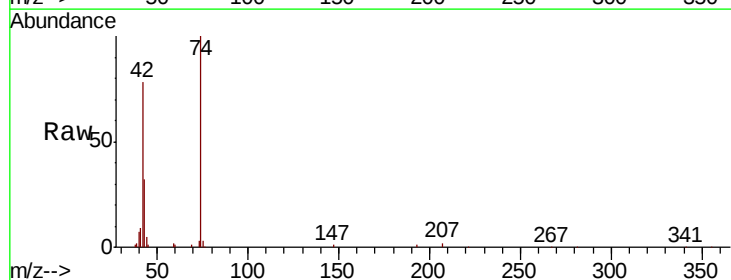
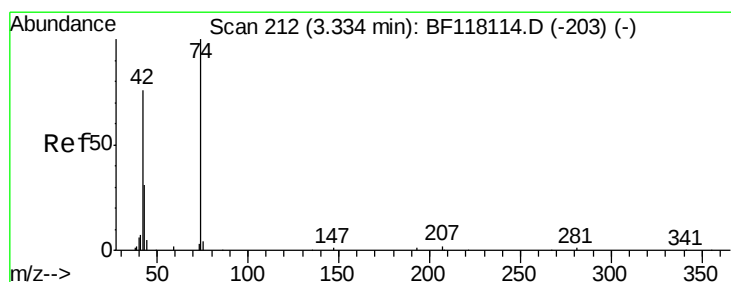
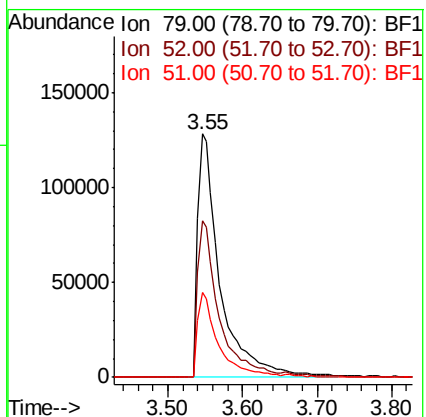
Tot Ion: 79 Resp: 270093

Ion Ratio Lower Upper

79 100

52 64.1 50.7 76.1

51 34.8 26.4 39.6



#4

n-Nitrosodimethylamine

Concen: 47.019 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.12 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

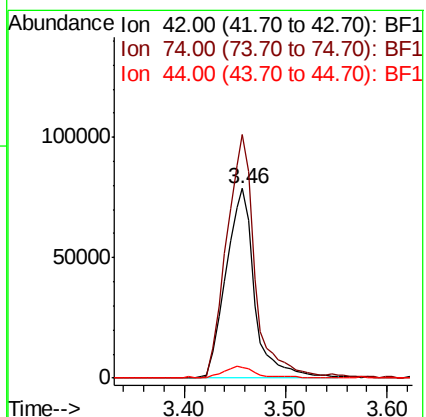
Tgt Ion: 42 Resp: 154362

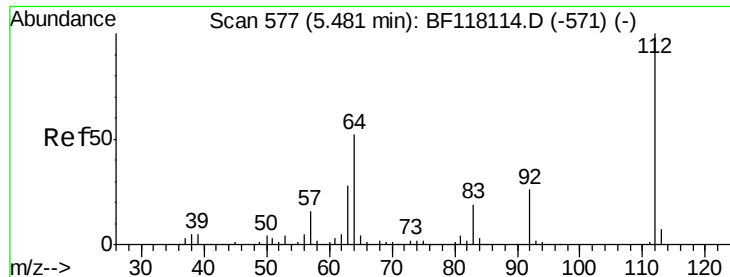
Ion Ratio Lower Upper

42 100

74 128.5 104.6 157.0

44 5.9 5.1 7.7





#5

2-Fluorophenol

Concen: 139.192 ng

RT: 5.50 min Scan# 580

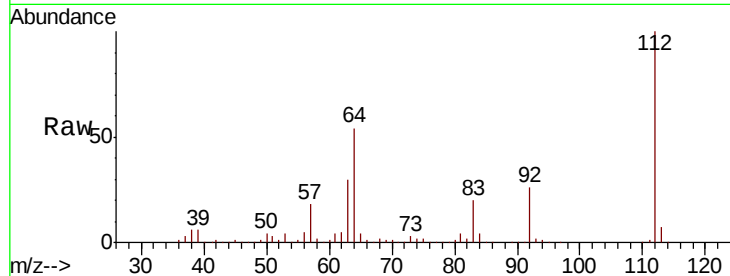
Delta R.T. 0.02 min

Lab File: BF118126.D

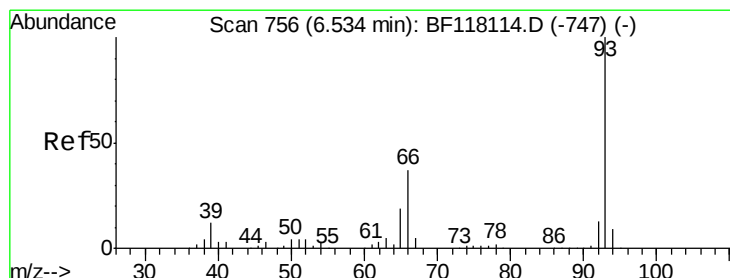
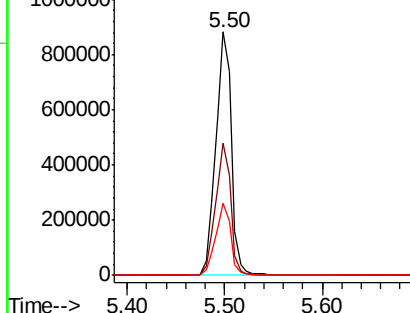
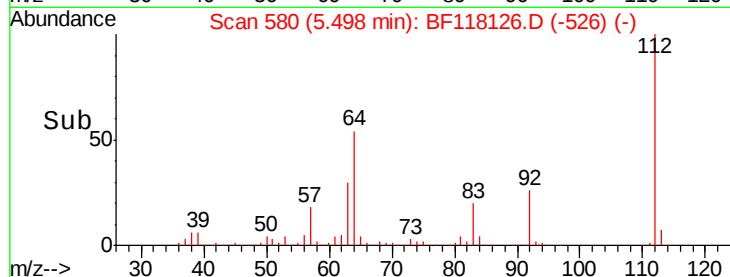
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	976437
Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.3	61.9
63	29.6	22.4	33.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.362 ng

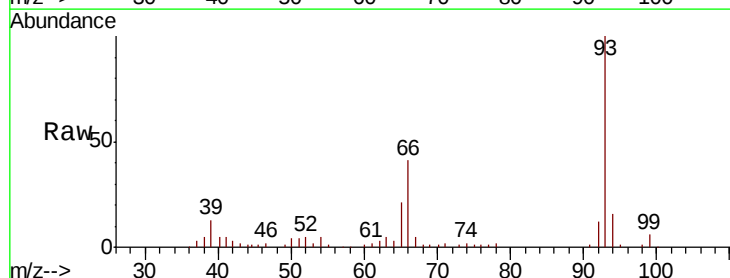
RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

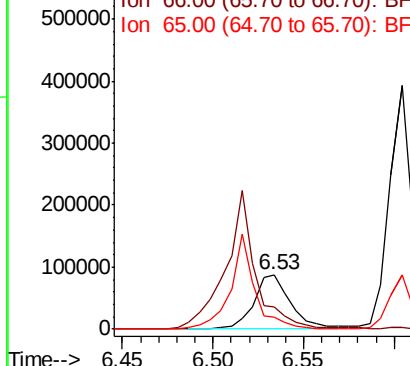
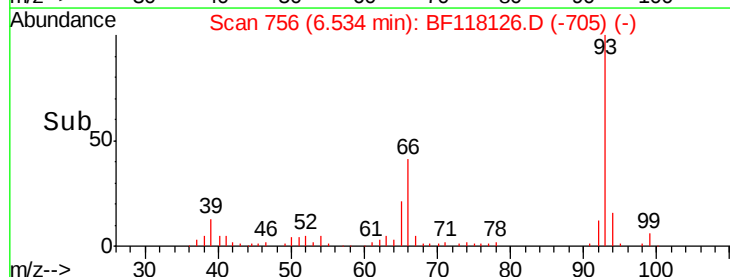
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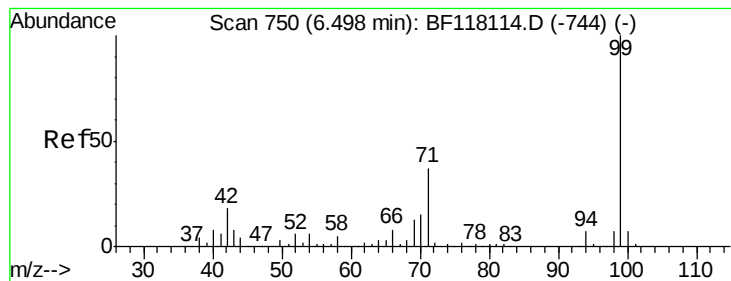
Acq: 7 Dec 2019 13:54

Tgt Ion:	93	Resp:	123321
Ion	Ratio	Lower	Upper
93	100		
66	41.0	30.2	45.2
65	21.3	15.5	23.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 143.819 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampled :

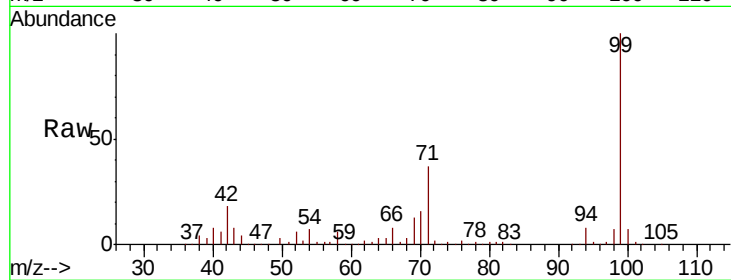
Tot Ion: 99 Resp: 1220290

Ion Ratio Lower Upper

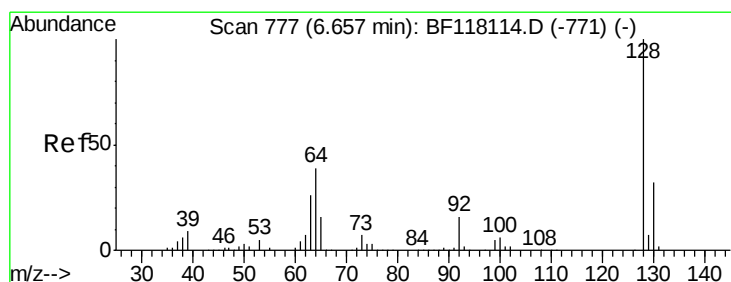
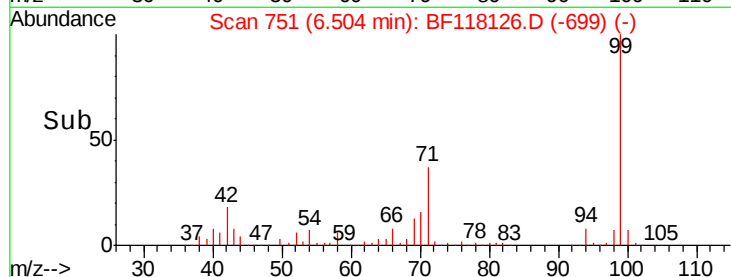
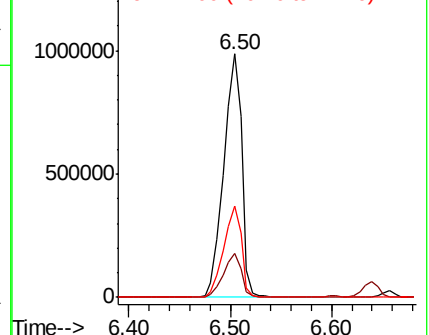
99 100

42 18.0 14.1 21.1

71 37.3 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.787 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

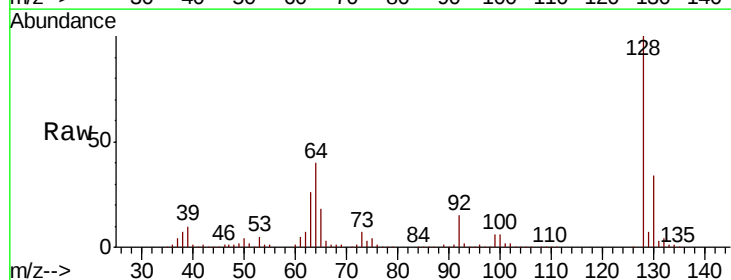
Tgt Ion:128 Resp: 377998

Ion Ratio Lower Upper

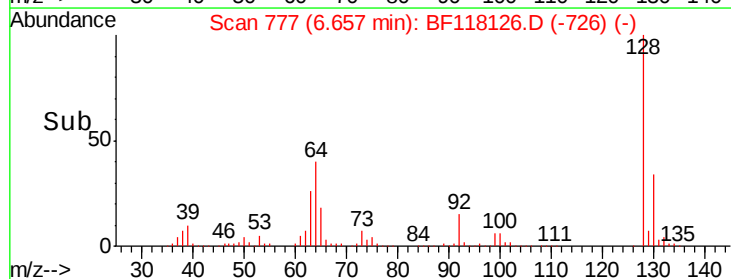
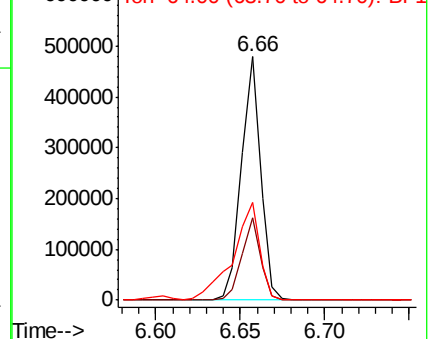
128 100

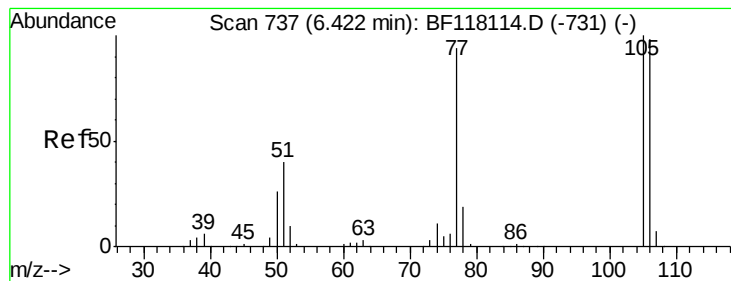
130 33.6 12.1 52.1

64 40.0 19.3 59.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.685 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampled :

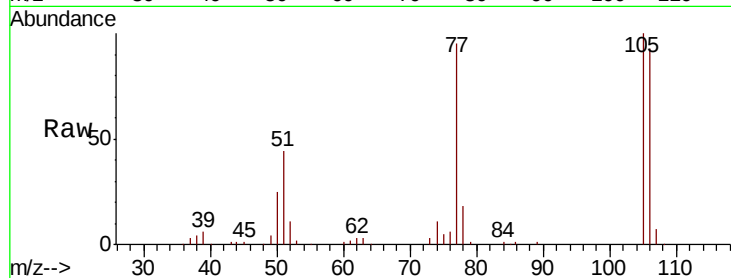
Tot Ion: 77 Resp: 93287

Ion Ratio Lower Upper

77 100

105 105.7 86.4 126.4

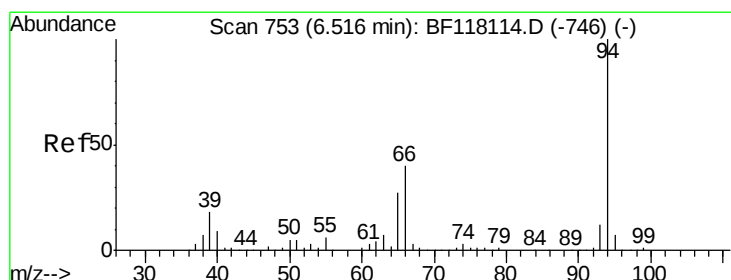
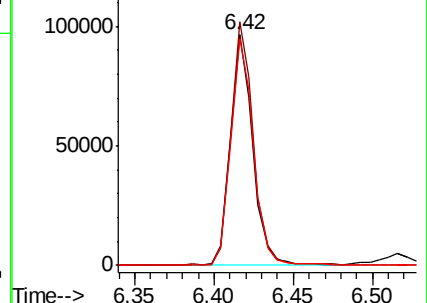
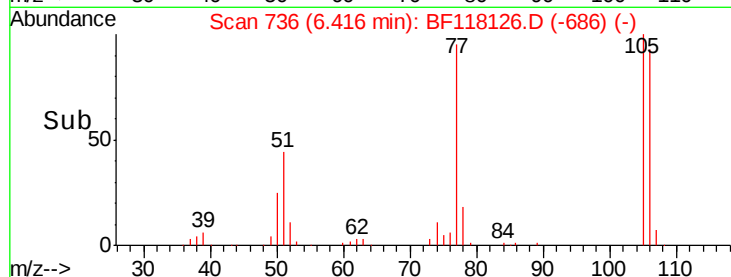
106 98.6 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.166 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

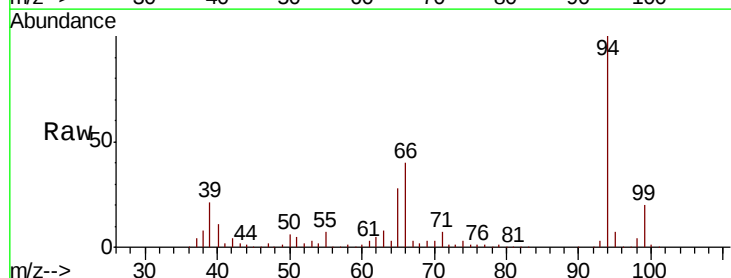
Tgt Ion: 94 Resp: 427365

Ion Ratio Lower Upper

94 100

65 27.8 7.3 47.3

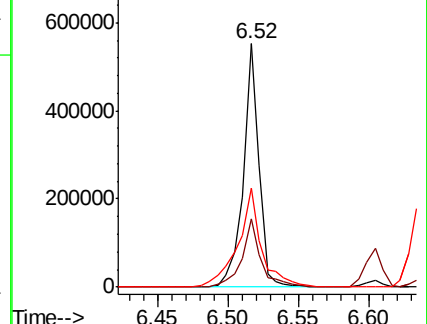
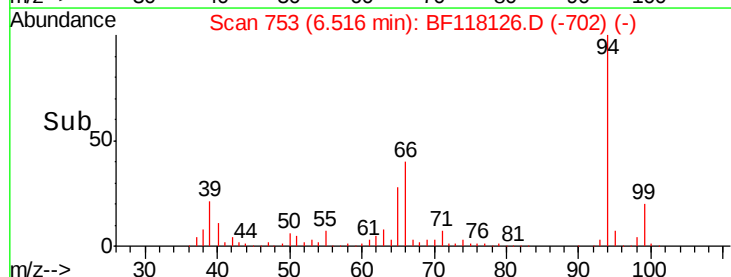
66 40.5 20.2 60.2

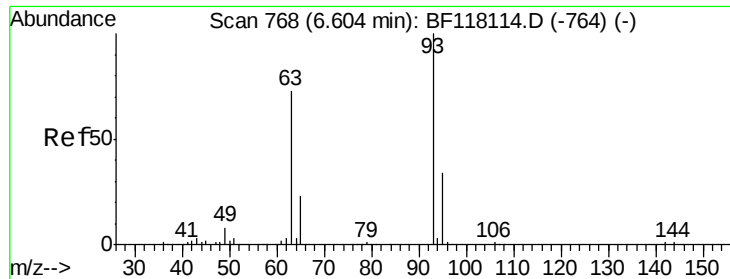


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 46.084 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

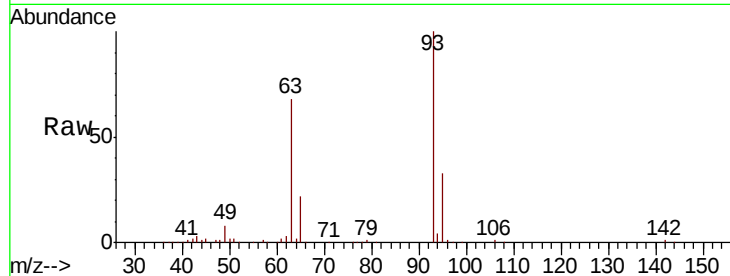
Tot Ion: 93 Resp: 322516

Ion Ratio Lower Upper

93 100

63 68.2 53.2 93.2

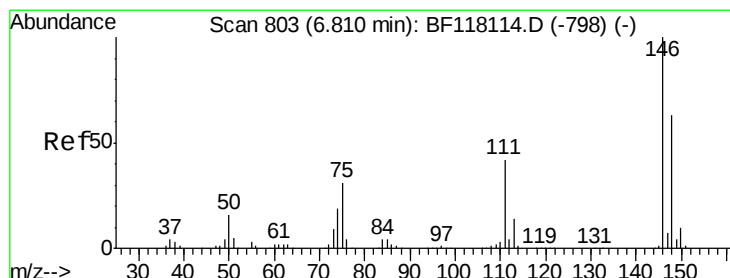
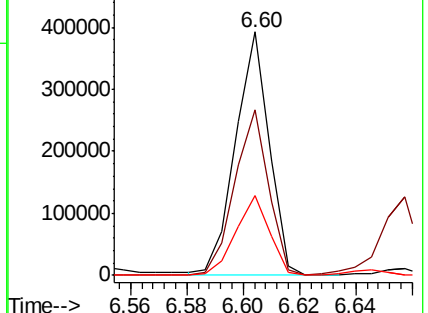
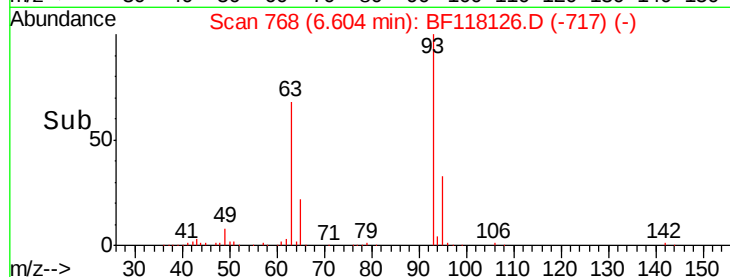
95 32.6 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.547 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

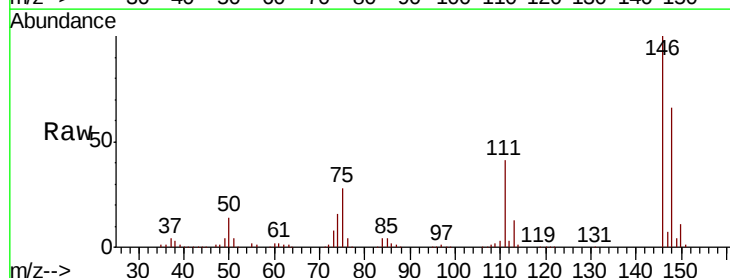
Tgt Ion: 146 Resp: 365430

Ion Ratio Lower Upper

146 100

148 65.8 50.2 75.4

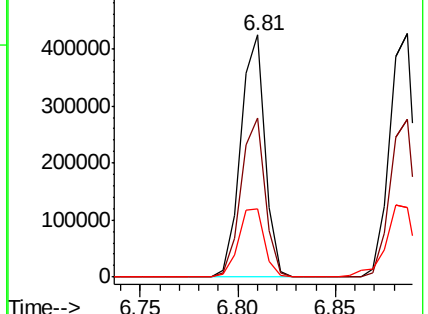
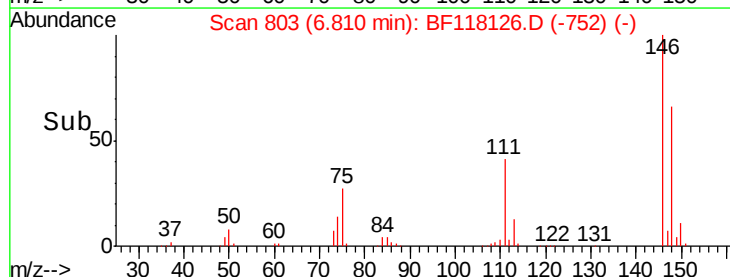
75 28.0 24.6 37.0

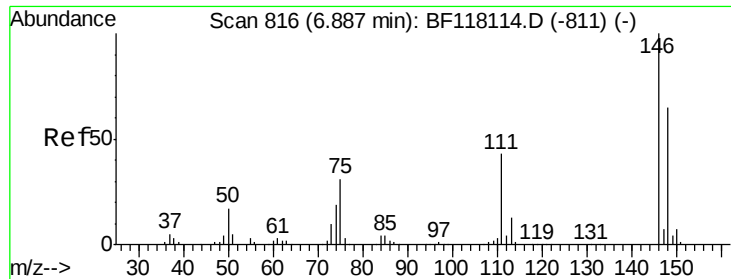


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

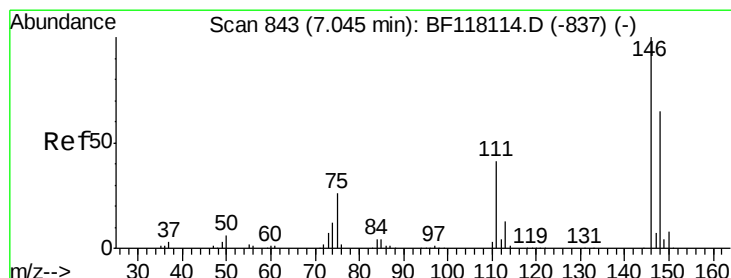
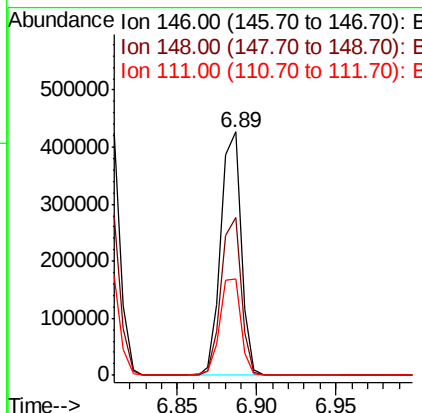
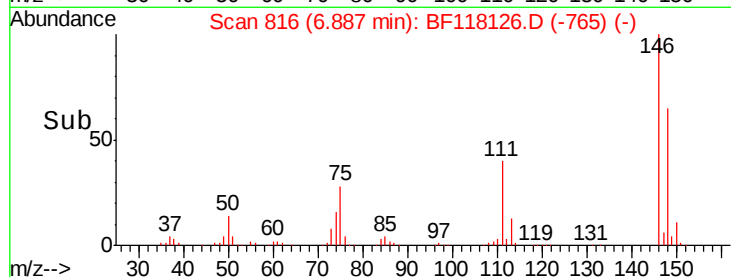
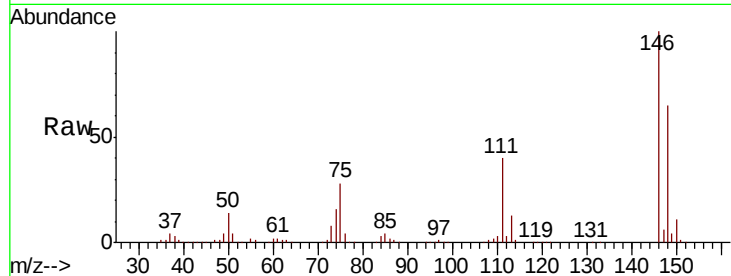




#13
 1,4-Dichlorobenzene
 Concen: 41.002 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

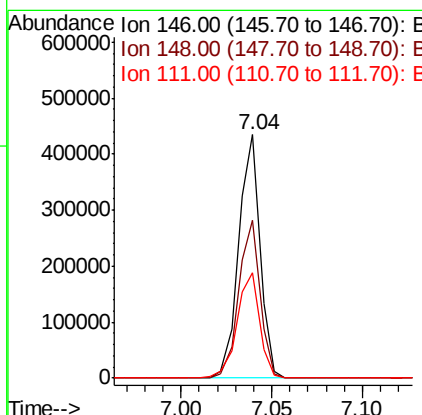
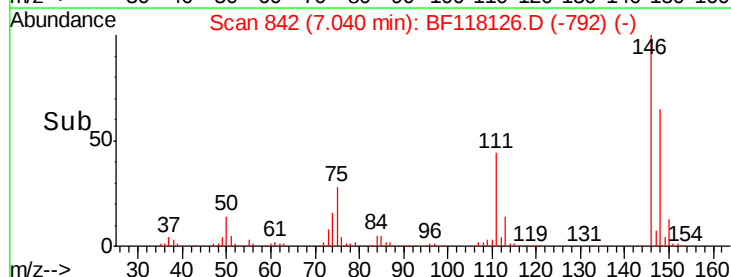
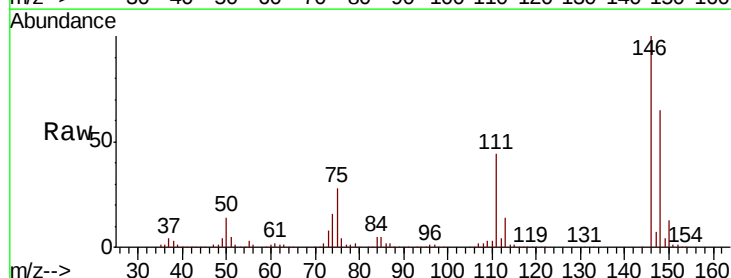
Instrument :
 BNA_F
 ClientSampled :

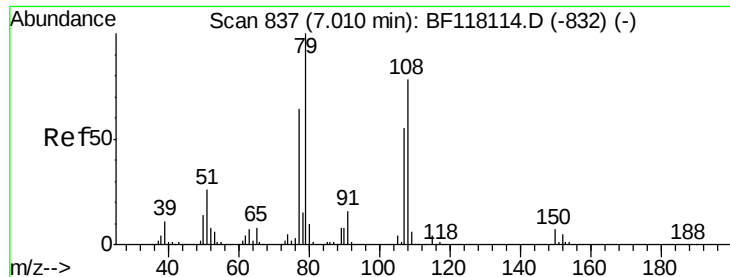
Tot Ion:146 Resp: 381505
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.1 78.1
 111 39.6 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 40.728 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion:146 Resp: 355884
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 43.5 33.1 49.7





#15

Benzyl Alcohol

Concen: 49.017 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampled :

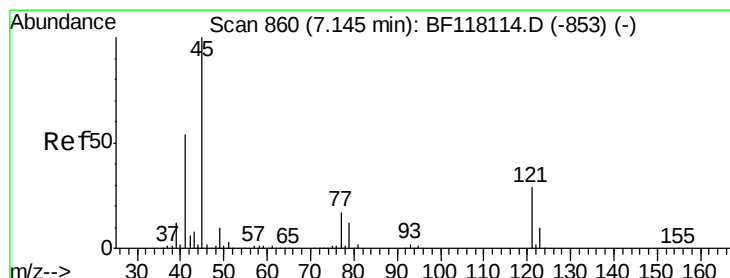
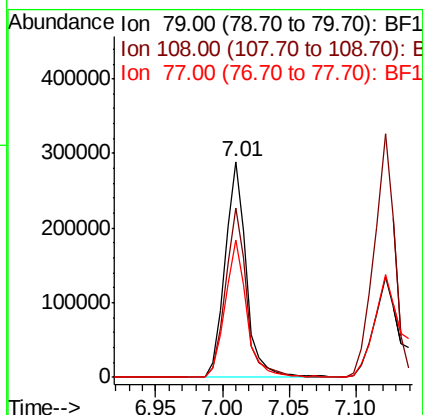
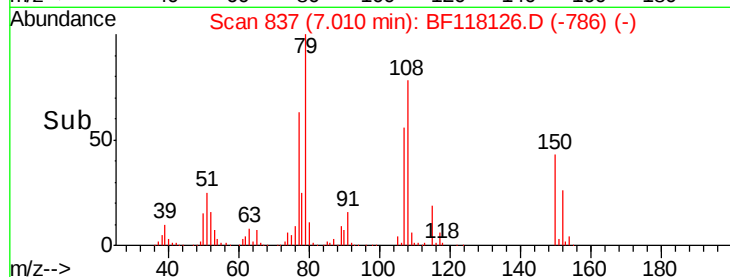
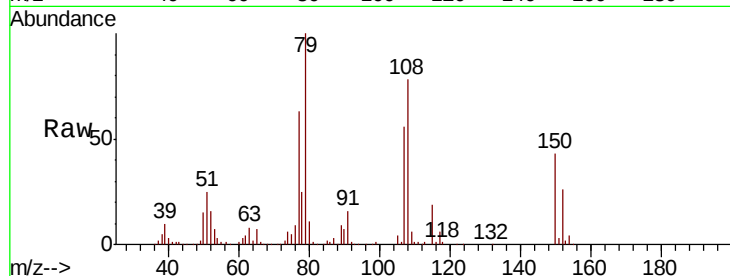
Tot Ion: 79 Resp: 324656

Ion Ratio Lower Upper

79 100

108 78.3 62.7 94.1

77 63.5 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.949 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

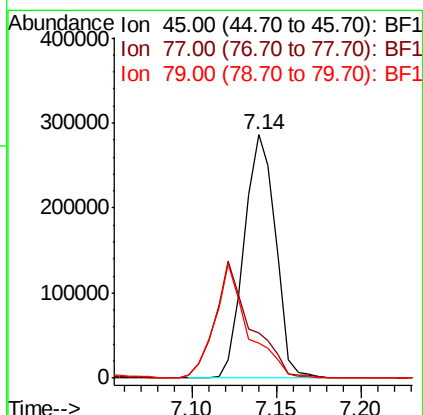
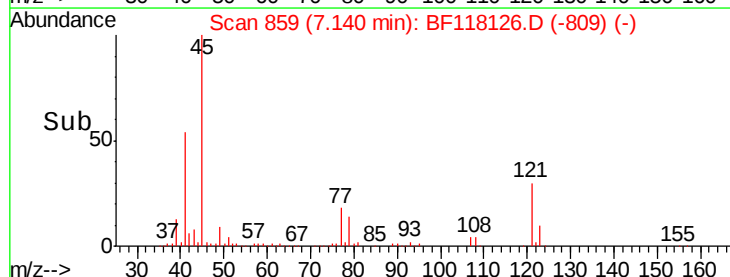
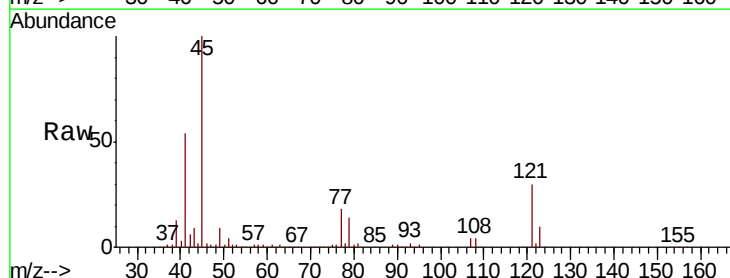
Tgt Ion: 45 Resp: 369816

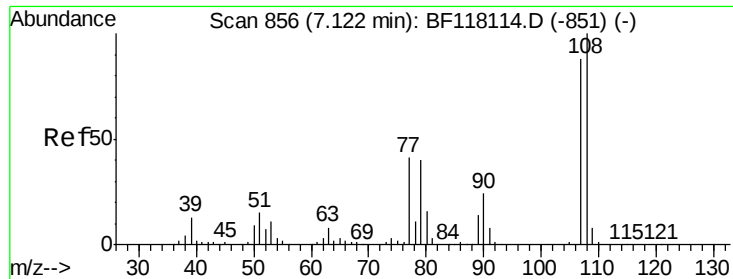
Ion Ratio Lower Upper

45 100

77 18.4 0.0 38.0

79 14.3 0.0 33.2

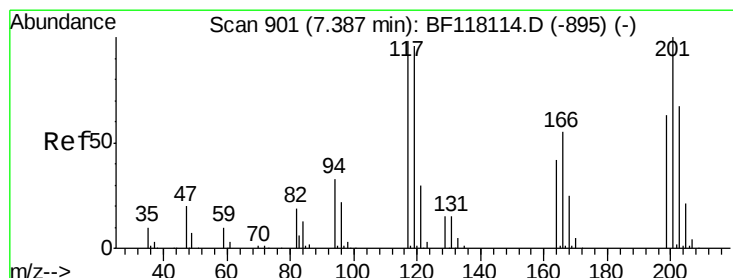
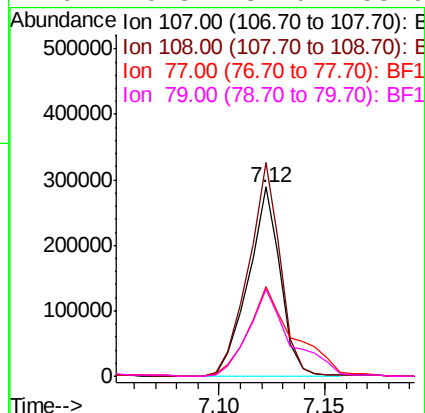
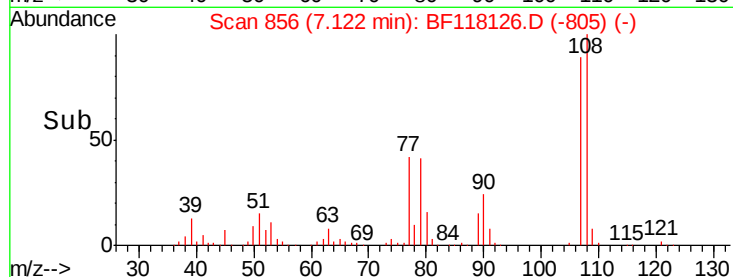
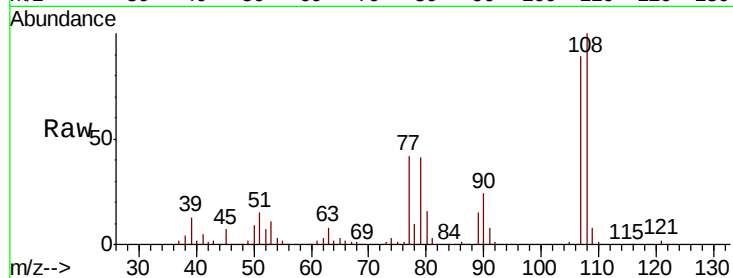




#17
2-Methylphenol
Concen: 48.385 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

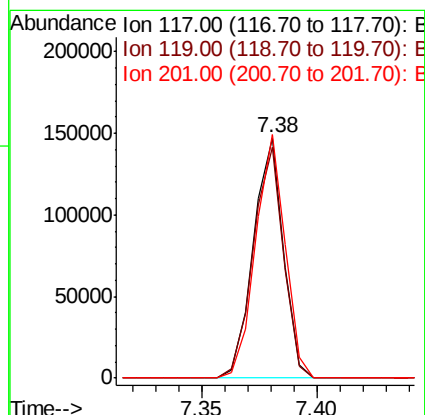
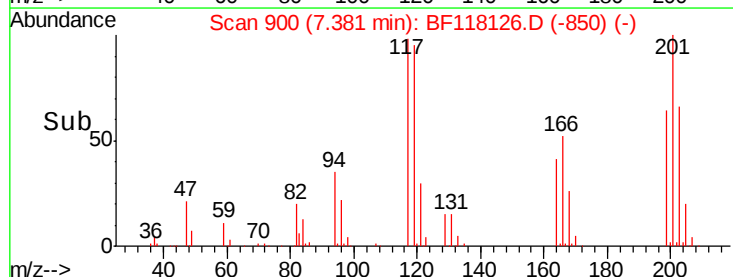
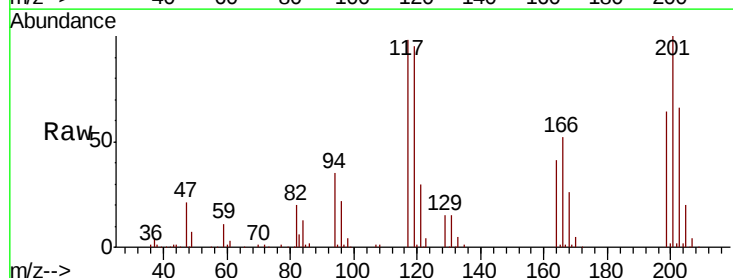
Instrument :
BNA_F
ClientSampled :

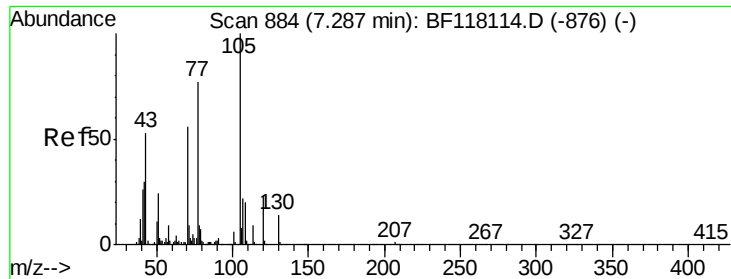
Tot Ion:	107	Resp:	304405
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.1	136.7
77	47.6	37.8	56.6
79	46.3	37.0	55.6



#18
Hexachloroethane
Concen: 39.033 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:	117	Resp:	133827
Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.2	117.4
201	101.5	81.6	122.4

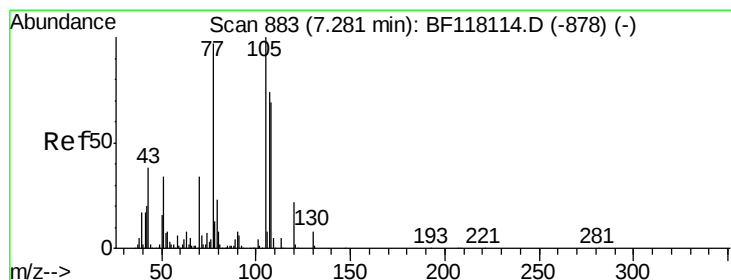
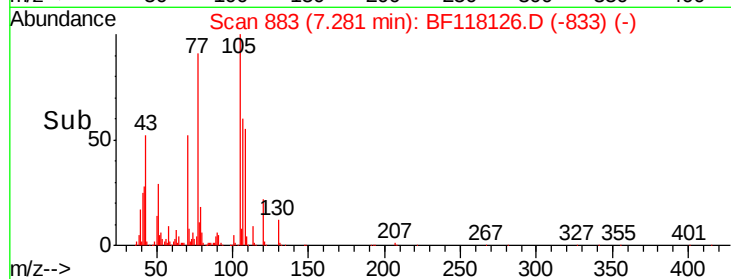
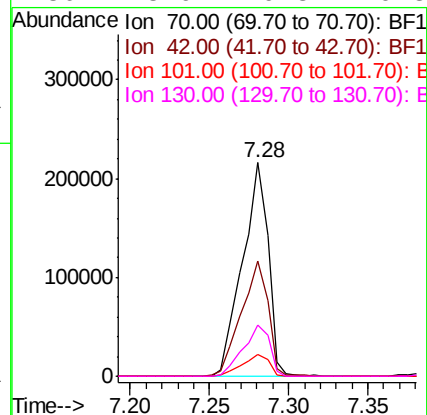
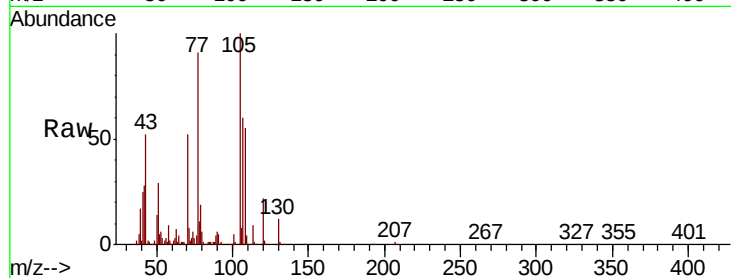




#19
n-Nitroso-di-n-propylamine
Concen: 46.976 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

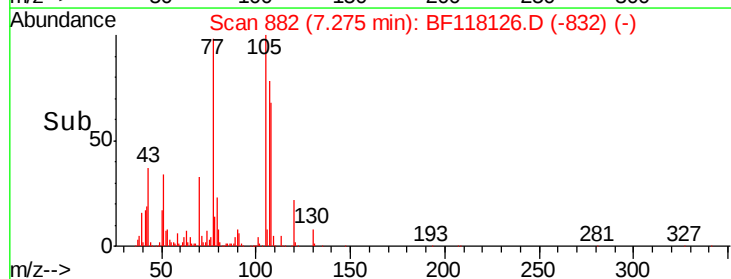
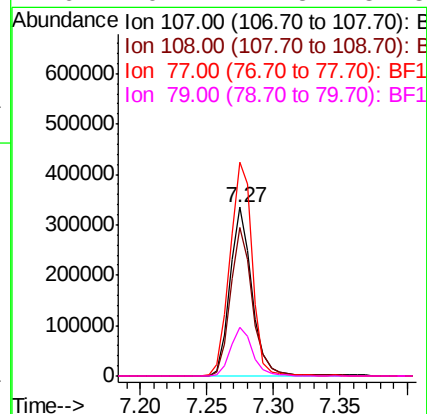
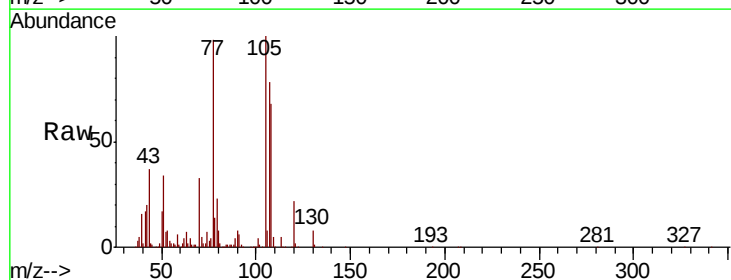
Instrument :
BNA_F
ClientSampleId :

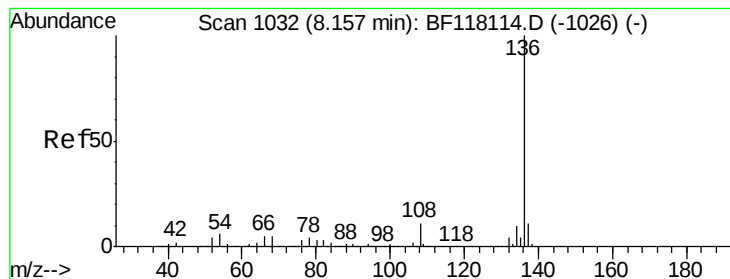
Tot Ion:	70	Resp:	242202
Ion	Ratio	Lower	Upper
70	100		
42	53.9	43.2	64.8
101	10.5	8.1	12.1
130	23.9	19.8	29.8



#20
3+4-Methylphenols
Concen: 49.067 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:	107	Resp:	387746
Ion	Ratio	Lower	Upper
107	100		
108	88.1	73.2	113.2
77	126.5	110.9	150.9
79	29.1	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 489549

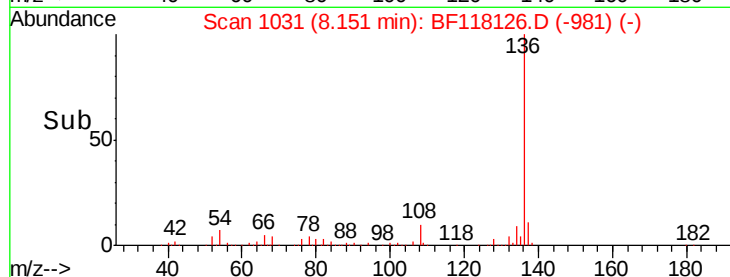
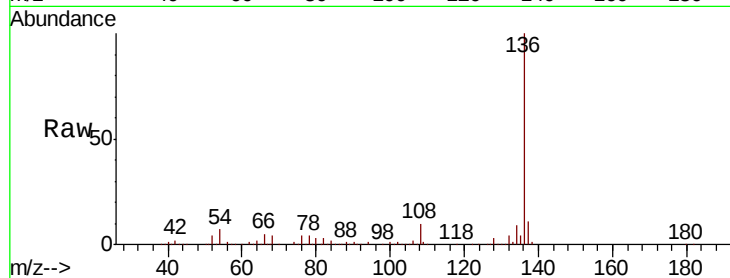
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.7 5.0 7.6

68 4.4 3.8 5.8

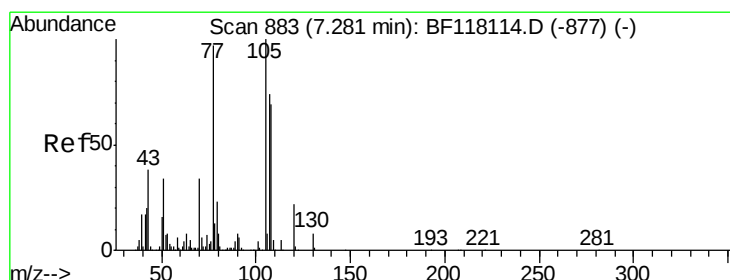
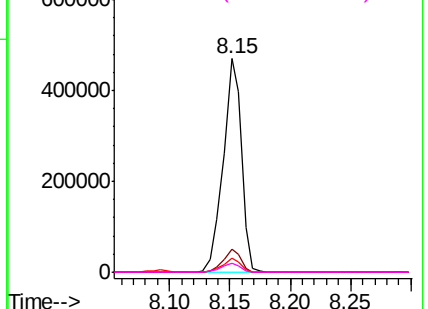


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.932 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Tgt Ion:105 Resp: 516699

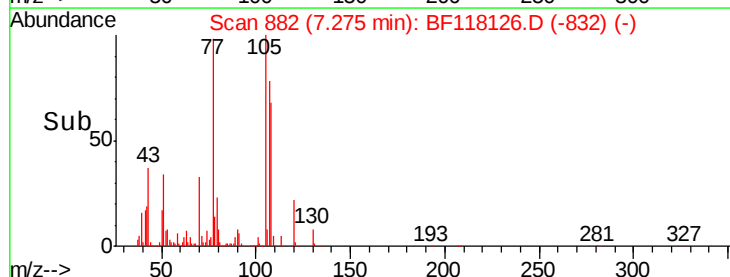
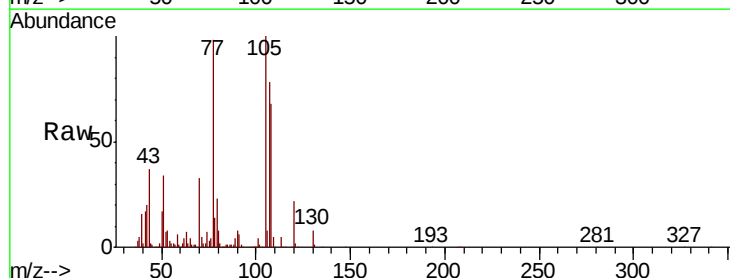
Ion Ratio Lower Upper

105 100

71 5.4 4.7 7.1

51 33.6 27.1 40.7

120 22.3 17.8 26.6

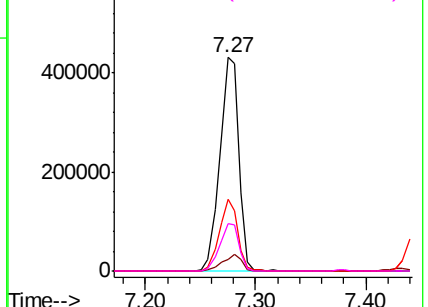


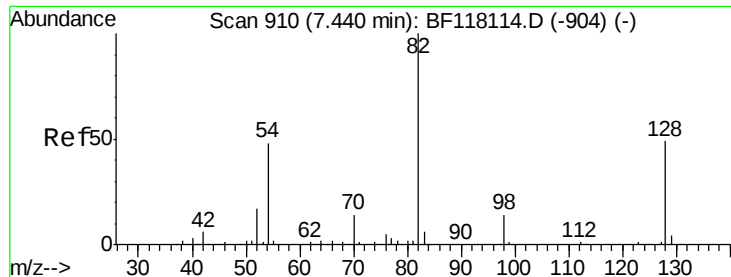
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

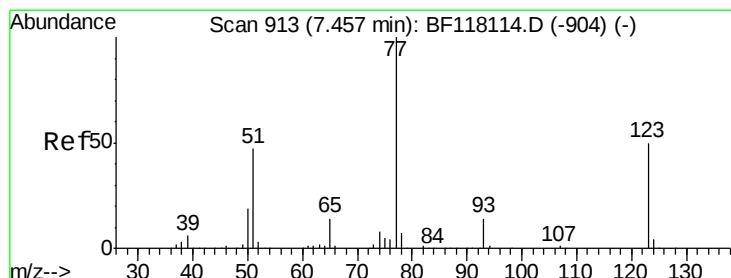
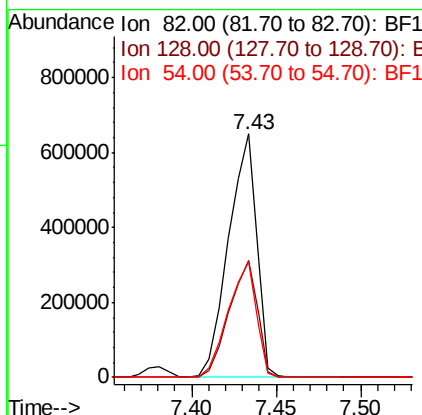
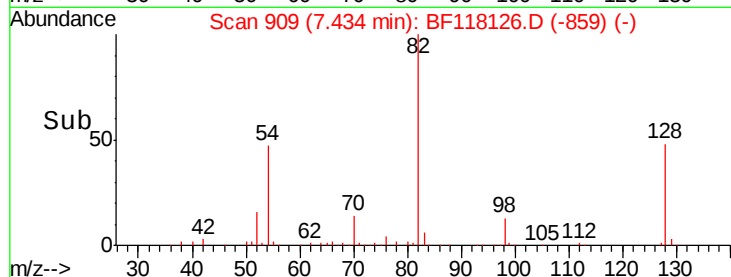
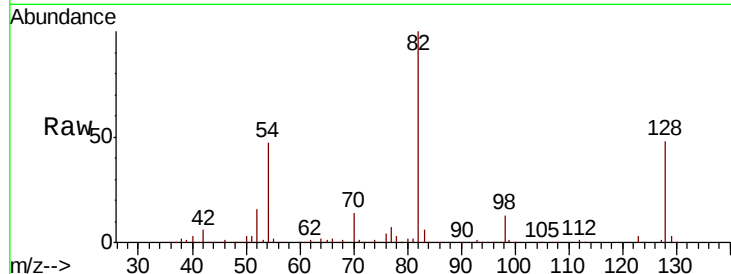




#23
 Nitrobenzene-d5
 Concen: 86.549 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

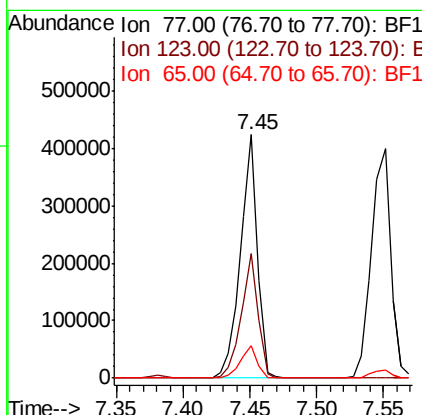
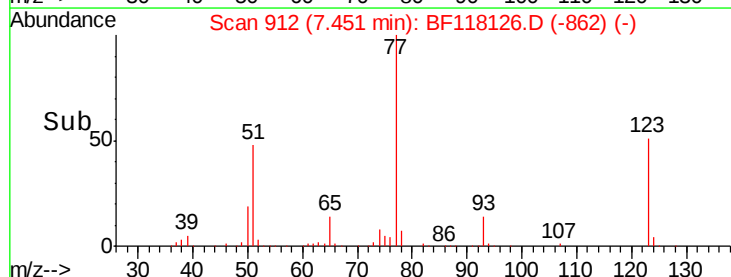
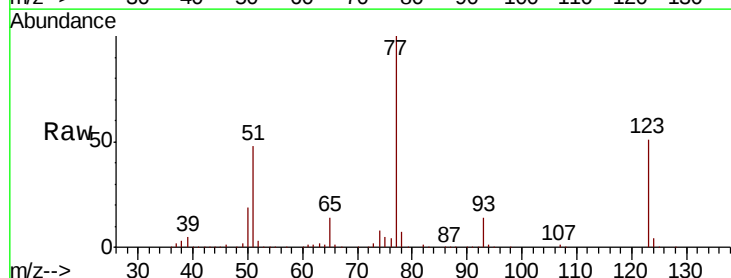
Instrument :
 BNA_F
 ClientSampleId :

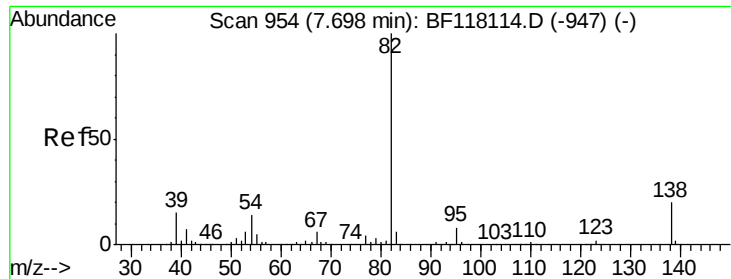
Tot Ion: 82 Resp: 753142
 Ion Ratio Lower Upper
 82 100
 128 47.8 39.1 58.7
 54 47.3 38.2 57.2



#24
 Nitrobenzene
 Concen: 44.099 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion: 77 Resp: 377027
 Ion Ratio Lower Upper
 77 100
 123 51.0 40.1 60.1
 65 13.6 10.9 16.3





#25

Isophorone

Concen: 45.492 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

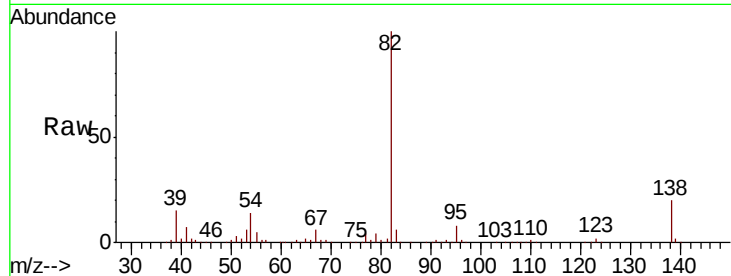
Tot Ion: 82 Resp: 671072

Ion Ratio Lower Upper

82 100

95 8.1 6.3 9.5

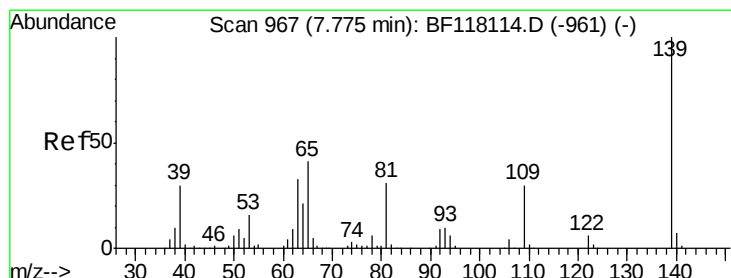
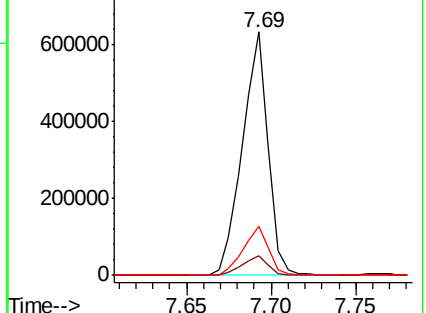
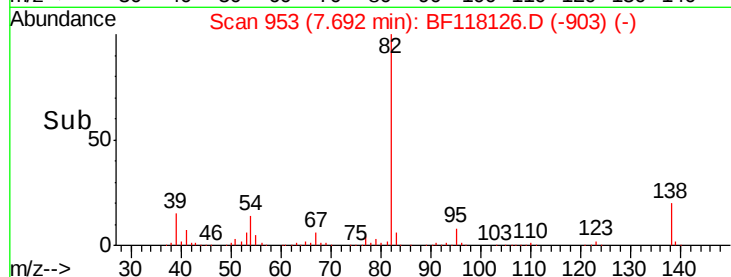
138 20.2 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.537 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

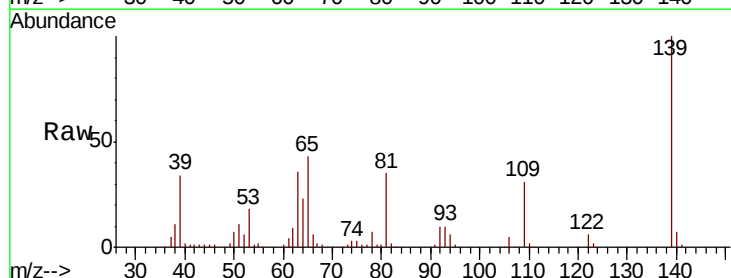
Tgt Ion: 139 Resp: 212657

Ion Ratio Lower Upper

139 100

109 31.3 23.9 35.9

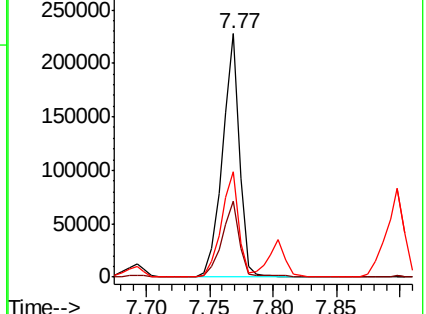
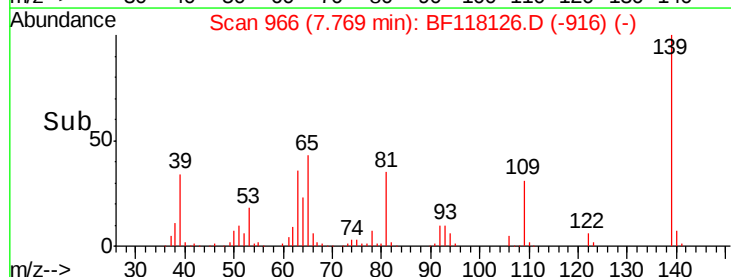
65 43.2 33.0 49.6

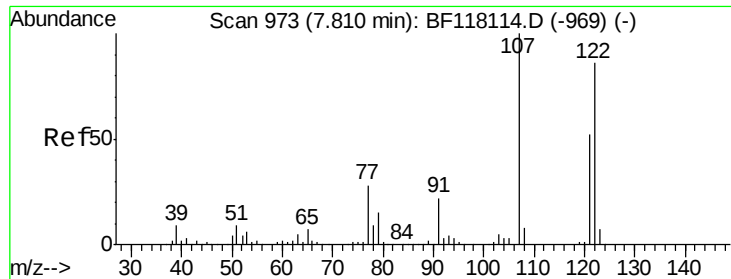


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

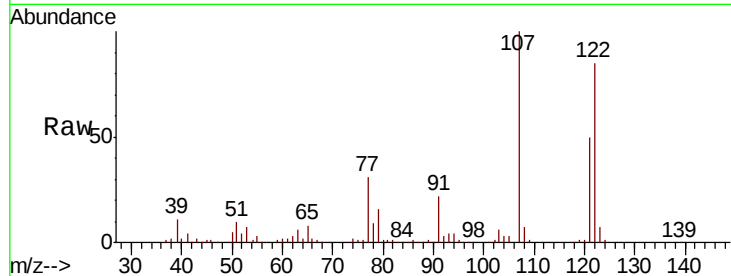




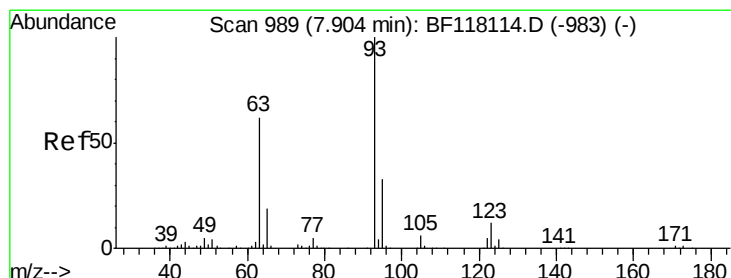
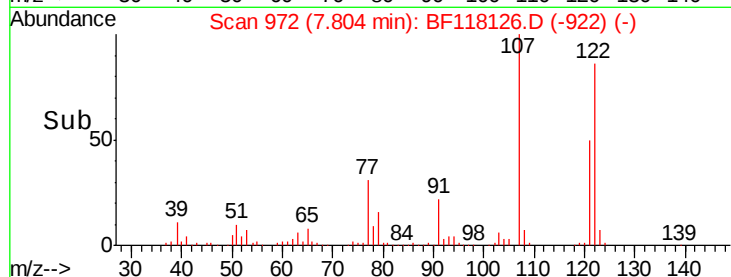
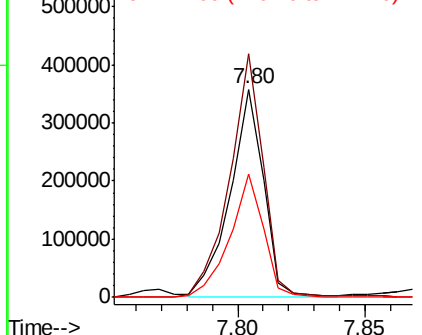
#27
2,4-Dimethylphenol
Concen: 53.841 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 328182
Ion Ratio Lower Upper
122 100
107 117.0 92.9 139.3
121 59.0 48.3 72.5

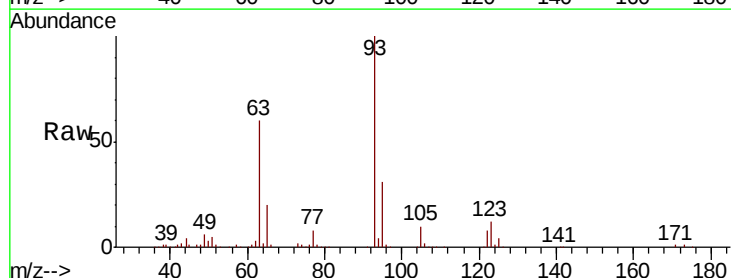


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

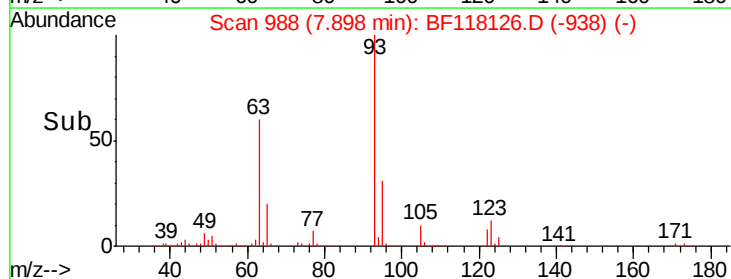
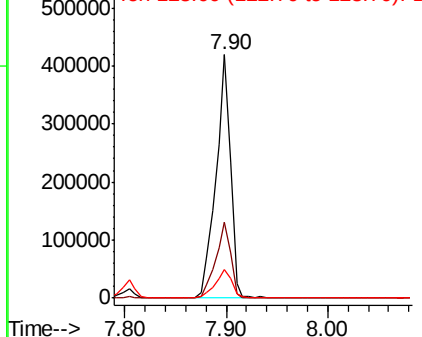


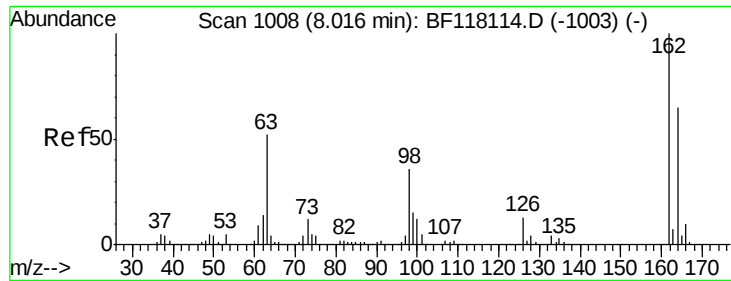
#28
bis(2-Chloroethoxy)methane
Concen: 43.523 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion: 93 Resp: 419523
Ion Ratio Lower Upper
93 100
95 31.2 26.7 40.1
123 11.8 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

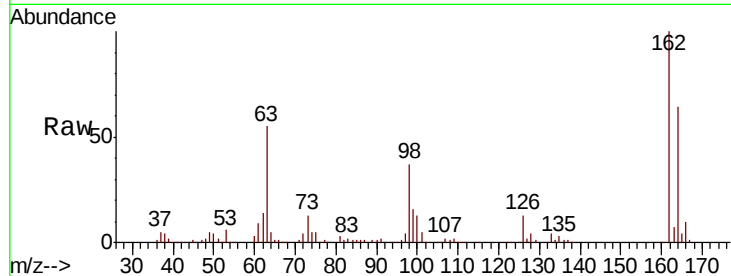




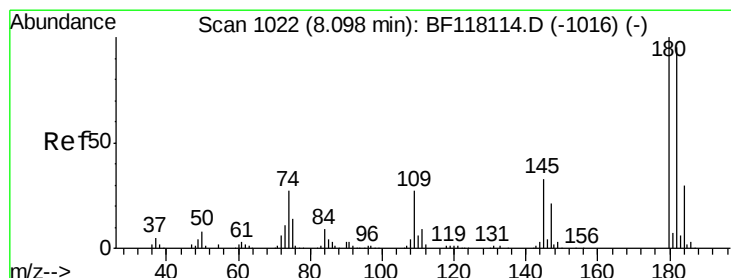
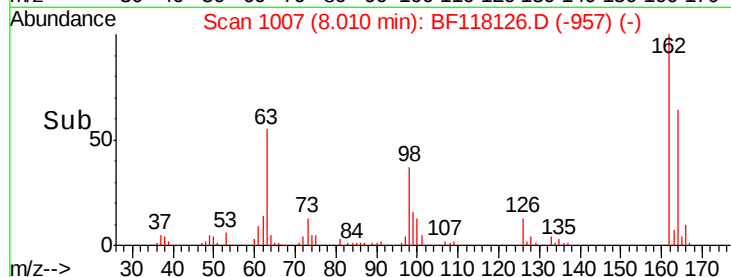
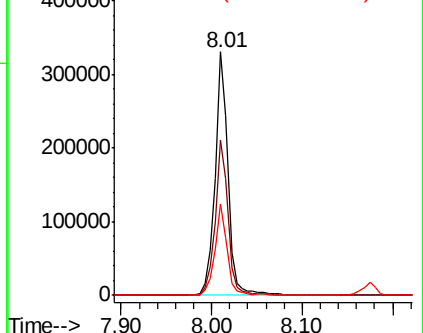
#29
2,4-Dichlorophenol
Concen: 46.114 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 327678
Ion Ratio Lower Upper
162 100
164 63.7 45.2 85.2
98 37.4 15.9 55.9

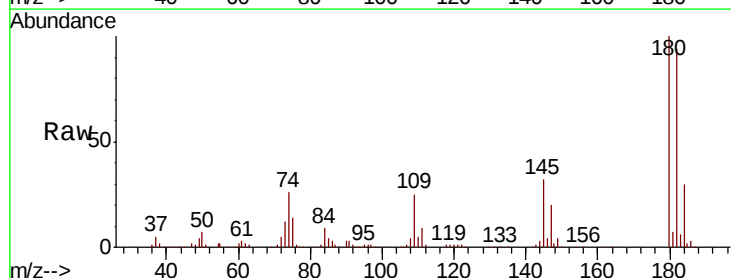


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

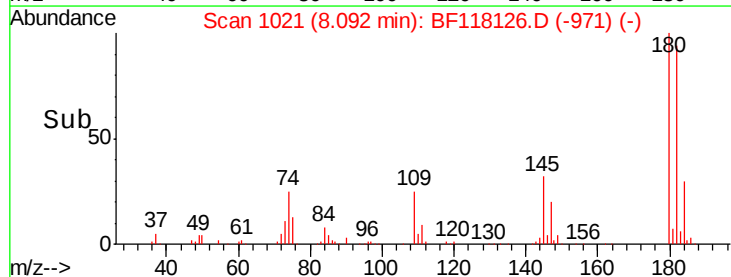
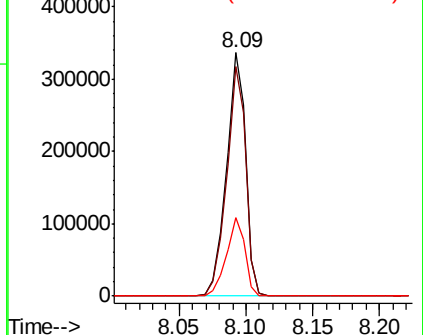


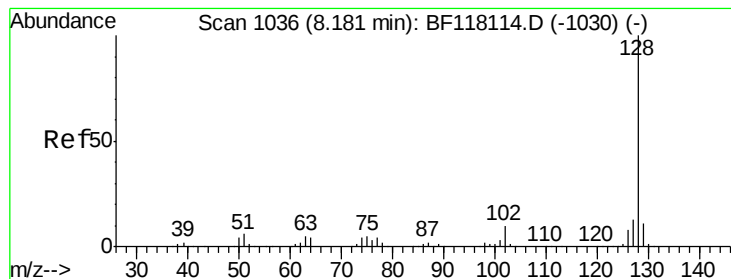
#30
1,2,4-Trichlorobenzene
Concen: 41.291 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:180 Resp: 342892
Ion Ratio Lower Upper
180 100
182 94.4 76.1 114.1
145 32.3 26.1 39.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.060 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

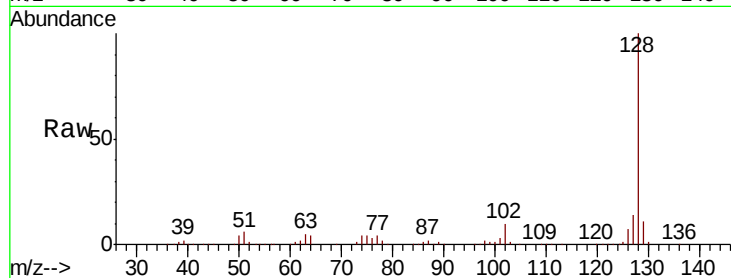
Tot Ion:128 Resp: 1083276

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

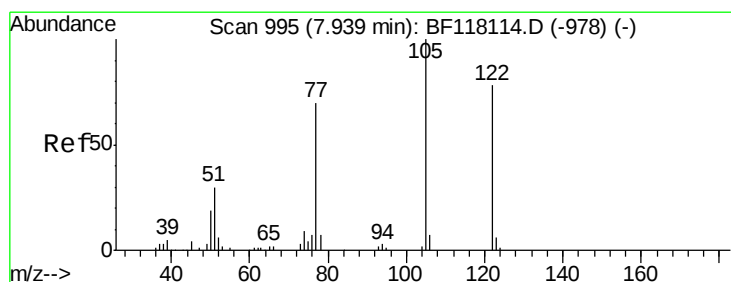
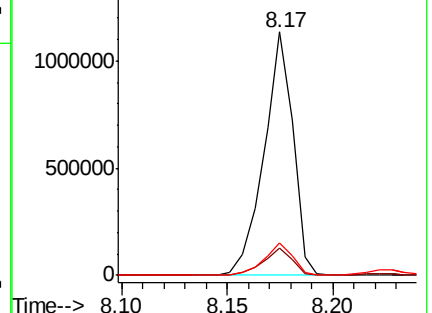
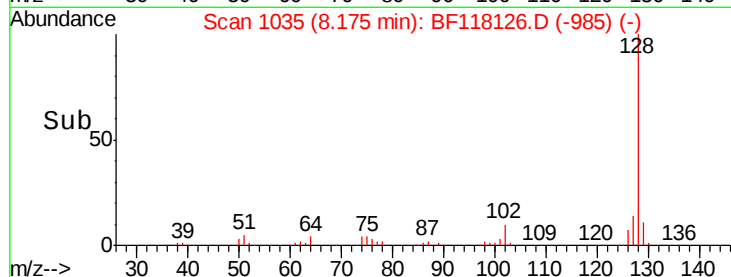
127 13.5 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.594 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.03 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

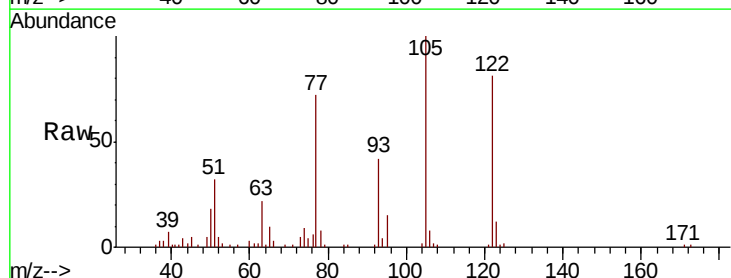
Tgt Ion:122 Resp: 107837

Ion Ratio Lower Upper

122 100

105 124.2 104.7 144.7

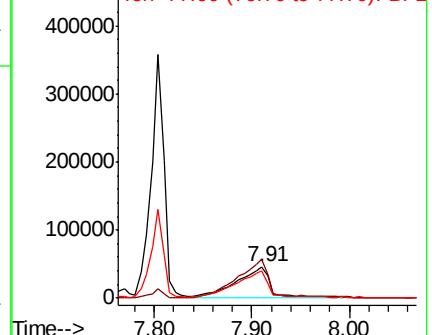
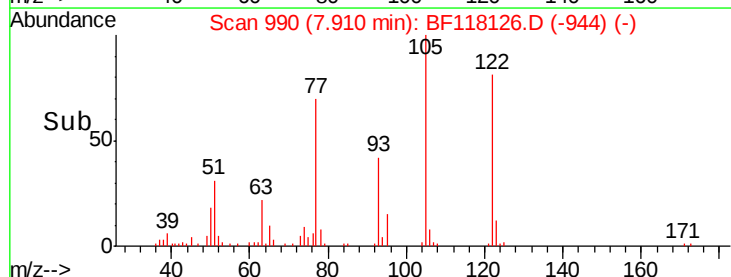
77 89.3 69.1 109.1

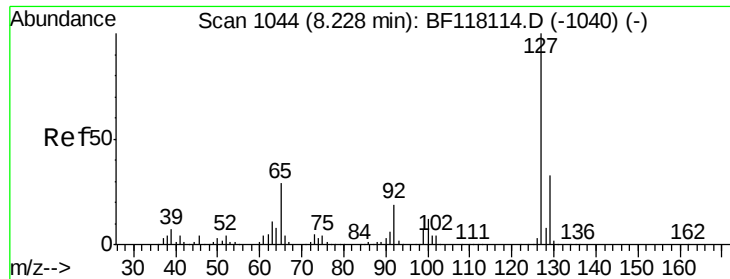


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

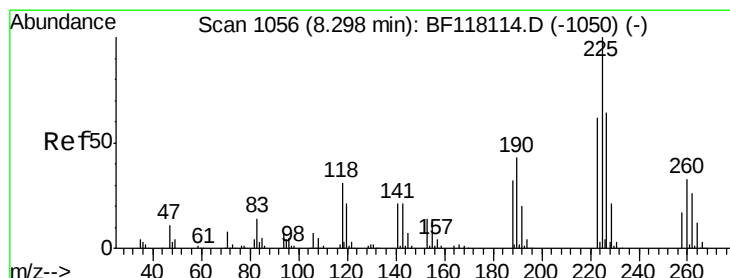
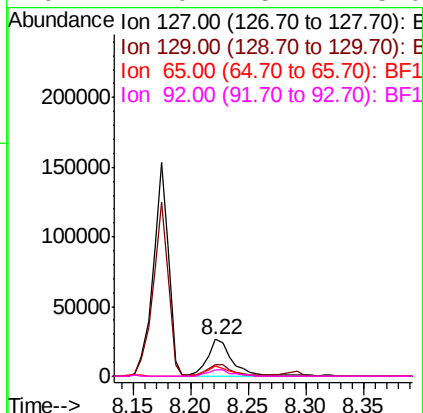
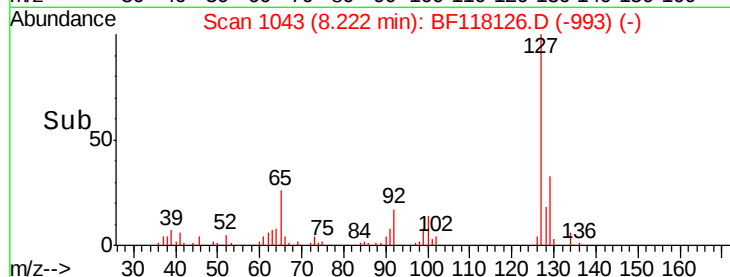
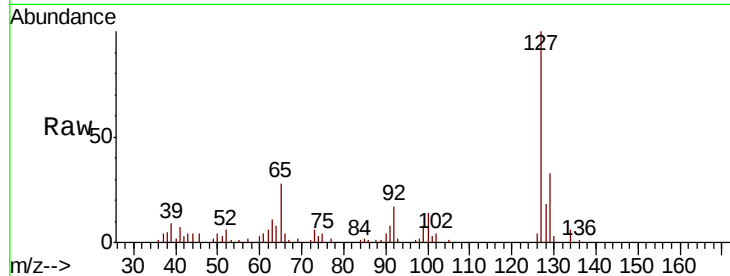




#33
4-Chloroaniline
Concen: 3.671 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

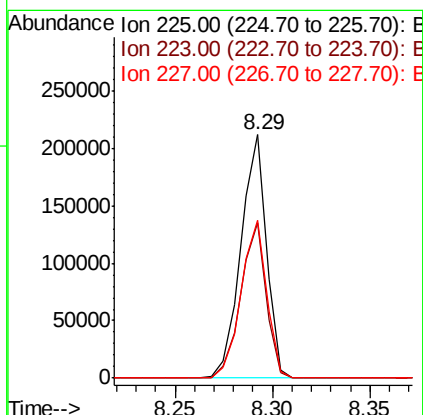
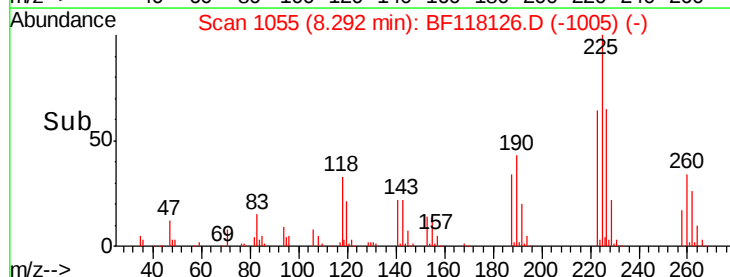
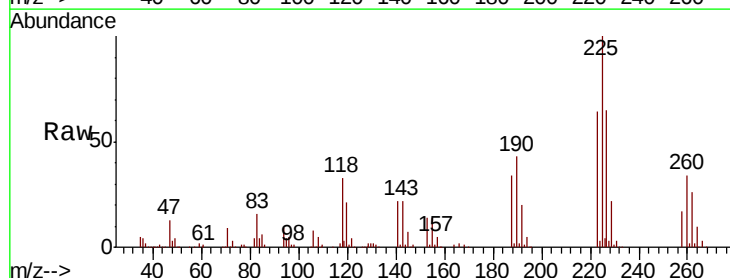
Instrument :
BNA_F
ClientSampleId :

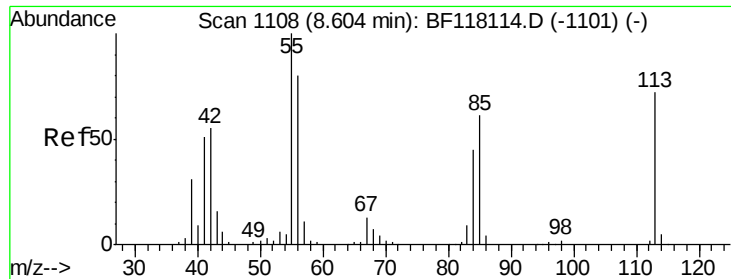
Tot Ion:	127	Resp:	38971
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	40.0
65	27.6	23.2	34.8
92	17.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 38.629 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:	225	Resp:	192360
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.6	74.4
227	64.7	51.0	76.6

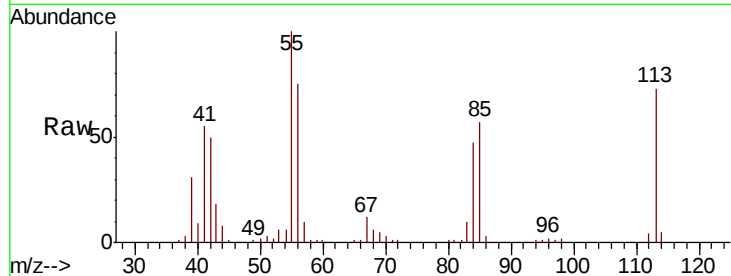




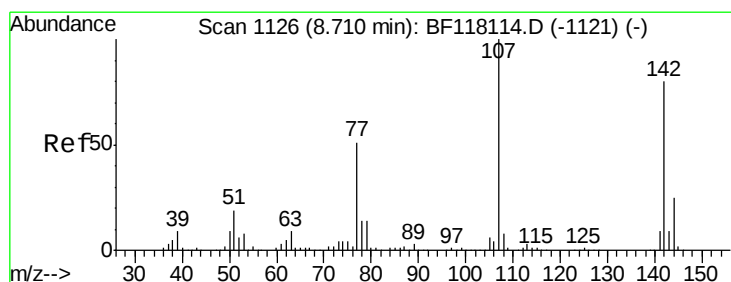
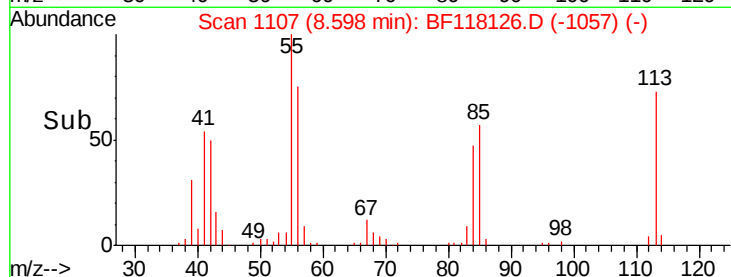
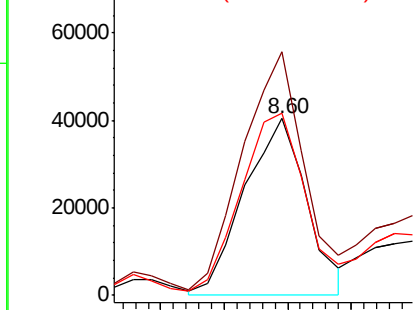
#35
 Caprolactam
 Concen: 25.192 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 55204
 Ion Ratio Lower Upper
 113 100
 55 137.8 118.9 158.9
 56 103.0 91.4 131.4

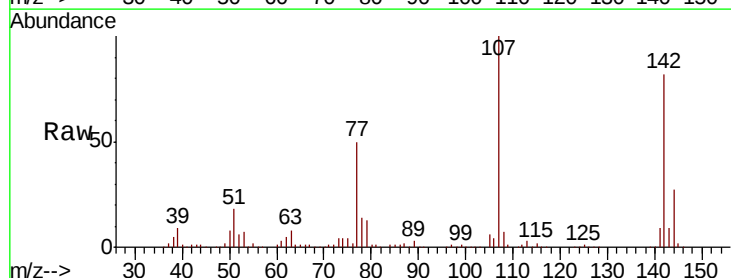


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

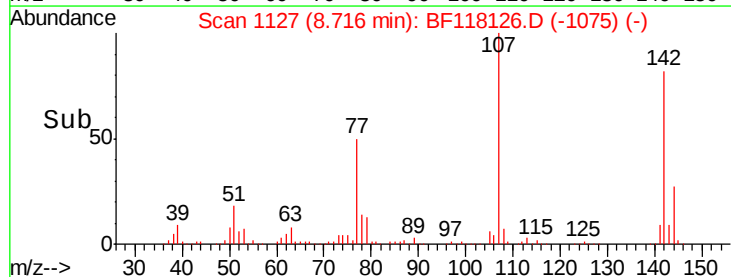
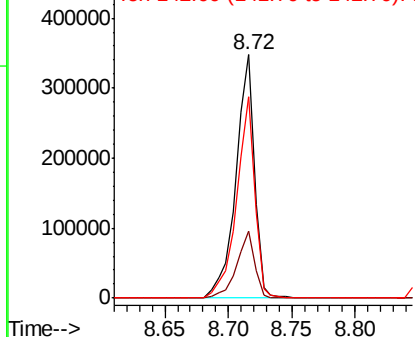


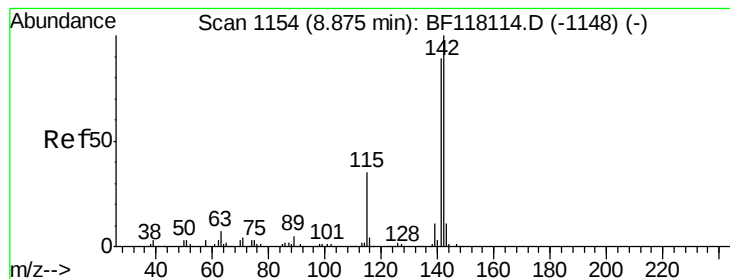
#36
 4-Chloro-3-methylphenol
 Concen: 46.864 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion:107 Resp: 350444
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.3 30.5
 142 82.5 63.7 95.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.735 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

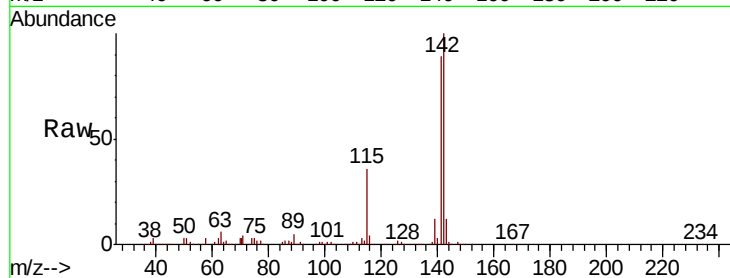
Tot Ion:142 Resp: 761254

Ion Ratio Lower Upper

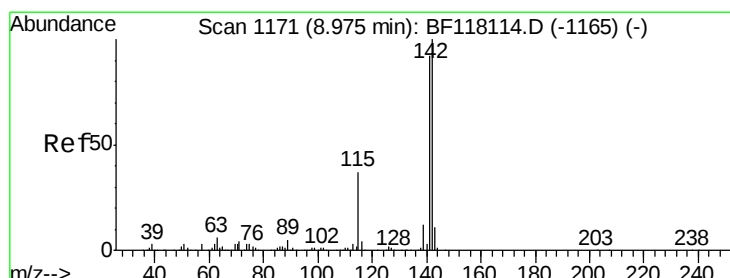
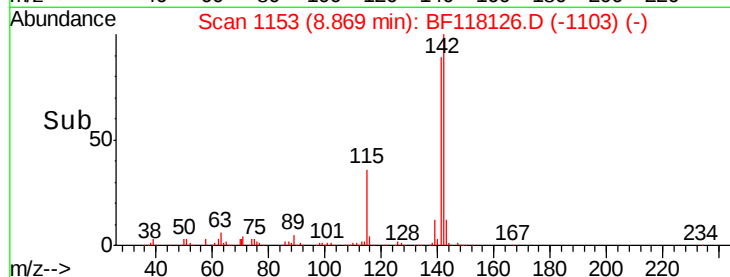
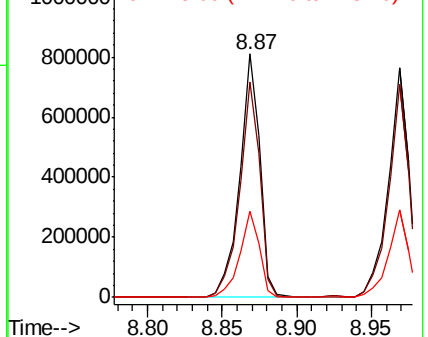
142 100

141 88.5 71.4 107.0

115 35.5 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.892 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

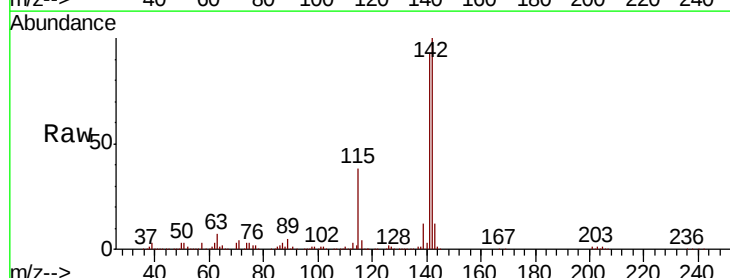
Tgt Ion:142 Resp: 701604

Ion Ratio Lower Upper

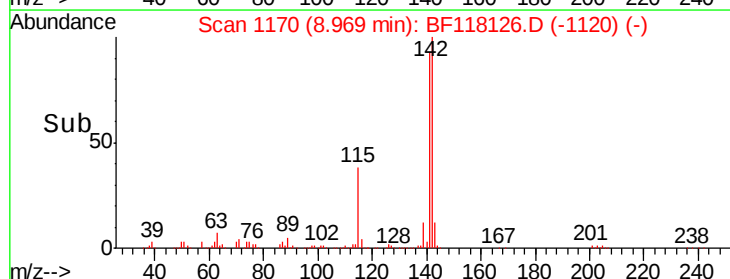
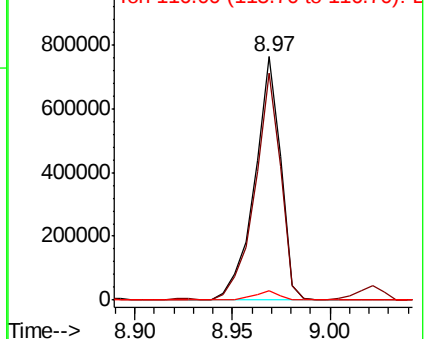
142 100

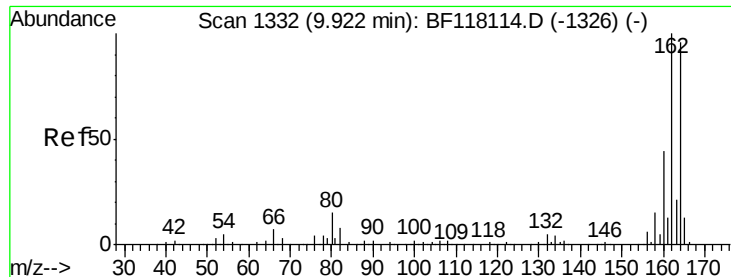
141 93.1 74.0 111.0

116 4.1 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

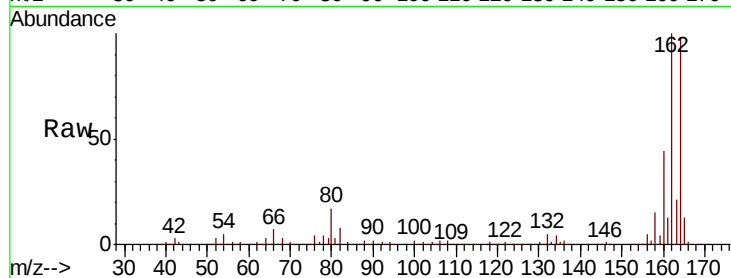




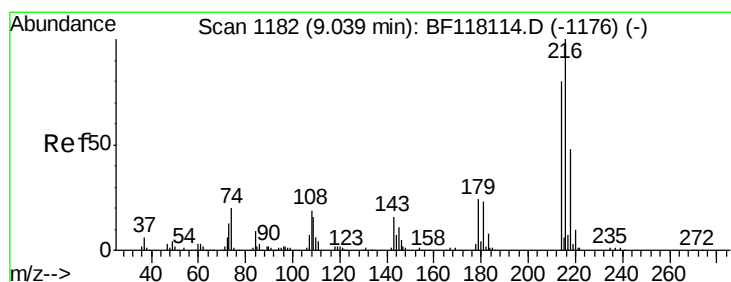
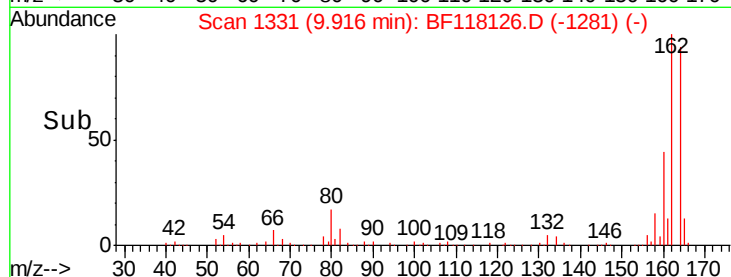
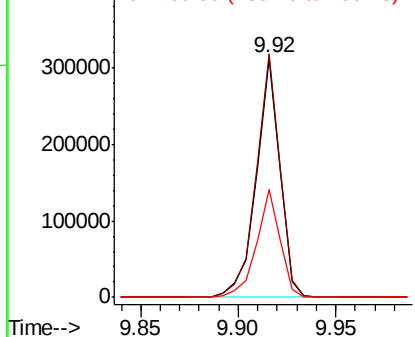
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 261429
Ion Ratio Lower Upper
164 100
162 101.9 83.4 125.0
160 45.1 36.6 54.8

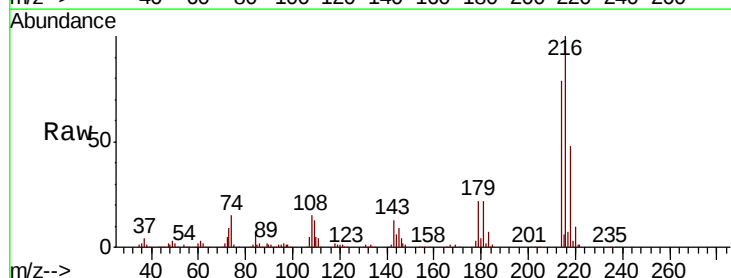


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

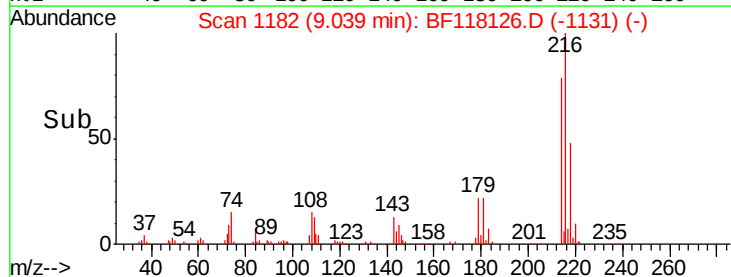
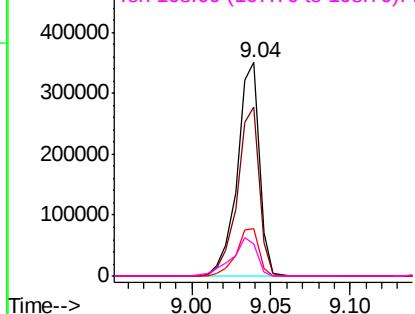


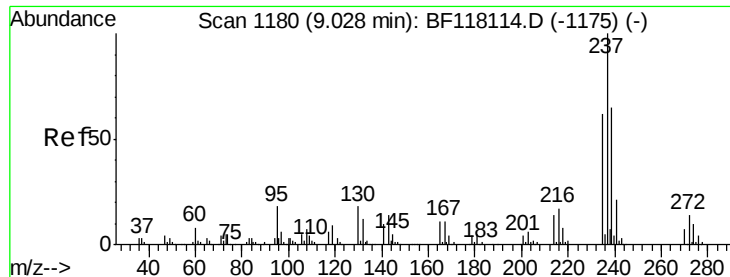
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.731 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:216 Resp: 338413
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.2
179 23.2 18.6 27.8
108 20.5 15.4 23.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

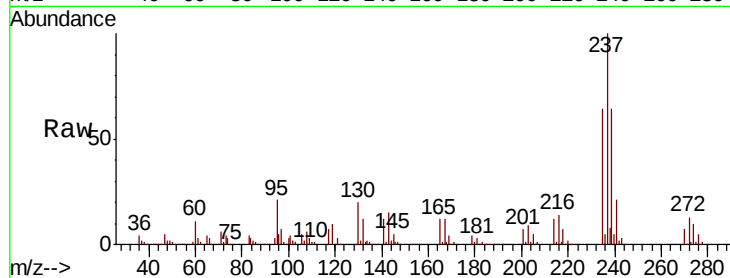




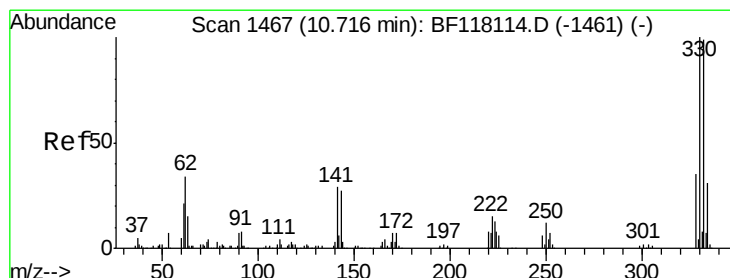
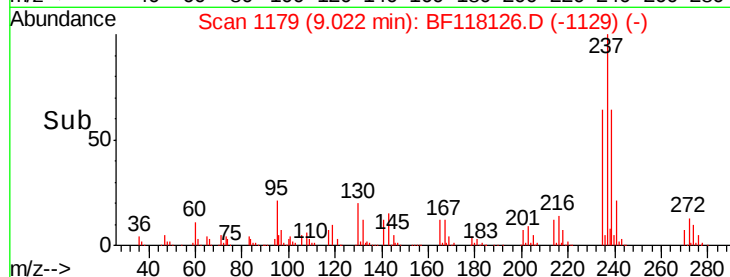
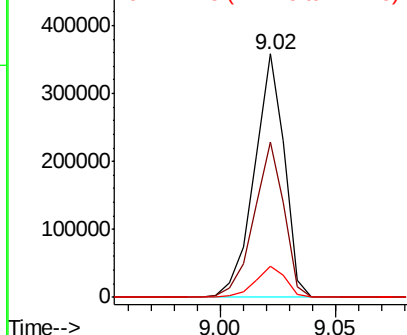
#41
Hexachlorocyclopentadiene
Concen: 91.614 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 325079
Ion Ratio Lower Upper
237 100
235 63.9 41.5 81.5
272 12.6 0.0 33.7

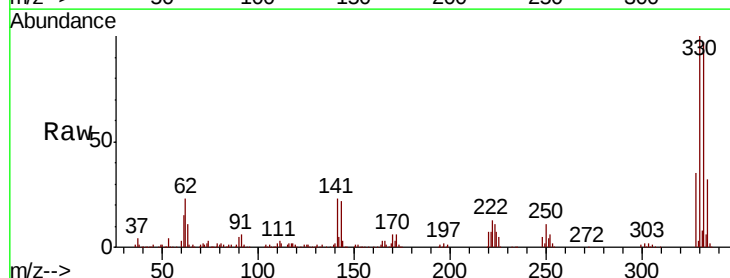


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

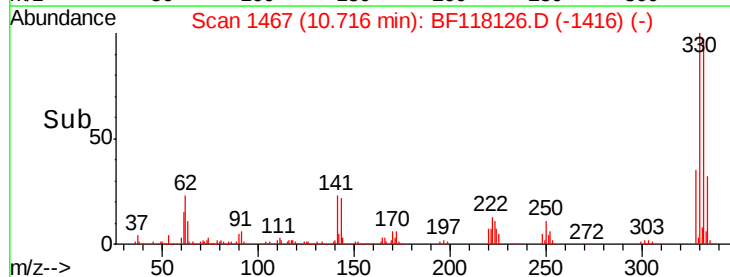
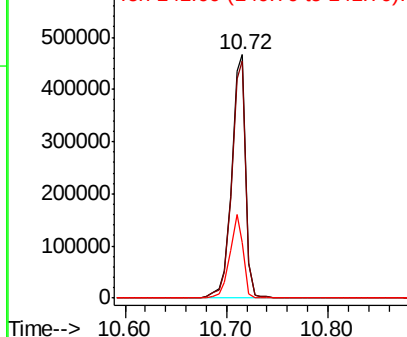


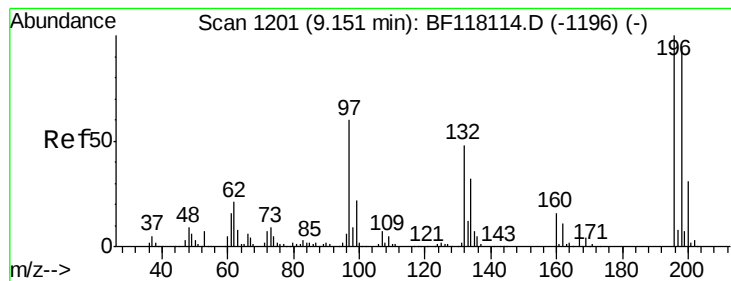
#42
2,4,6-Tribromophenol
Concen: 141.198 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:330 Resp: 448428
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 32.9 26.9 40.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 45.431 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

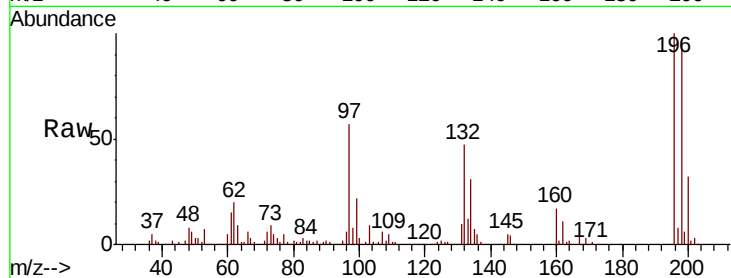
Tot Ion:196 Resp: 240228

Ion Ratio Lower Upper

196 100

198 97.1 75.0 112.4

200 31.9 24.5 36.7

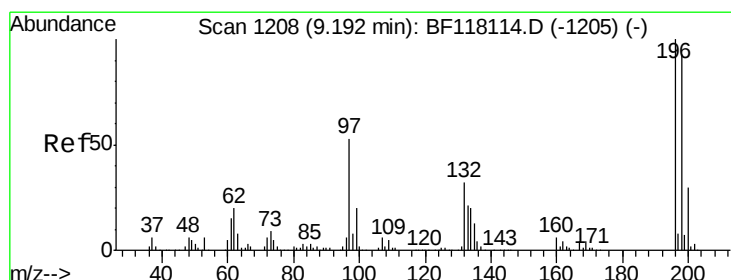
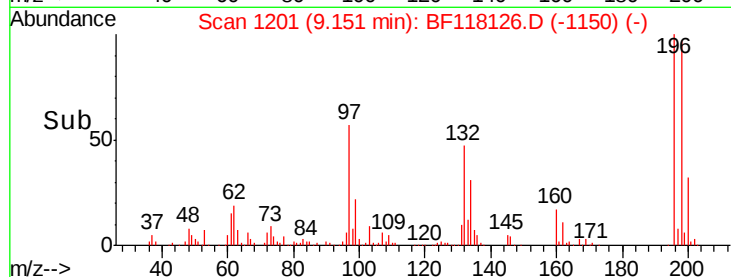
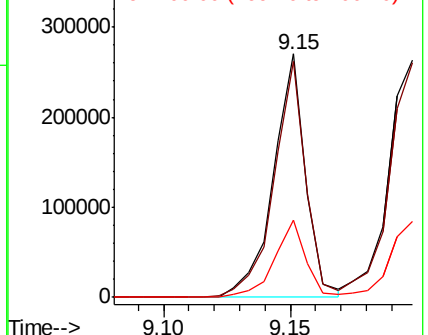


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 46.182 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Tgt Ion:196 Resp: 253001

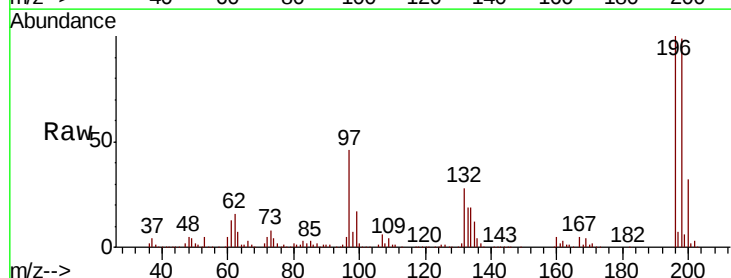
Ion Ratio Lower Upper

196 100

198 99.2 74.2 111.4

97 45.7 42.5 63.7

132 28.4 25.4 38.2



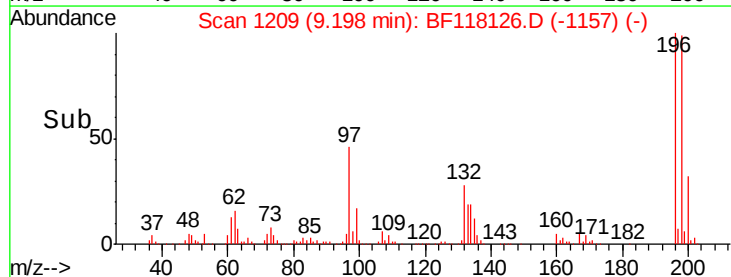
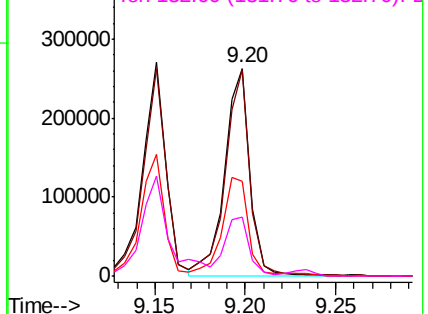
Abundance

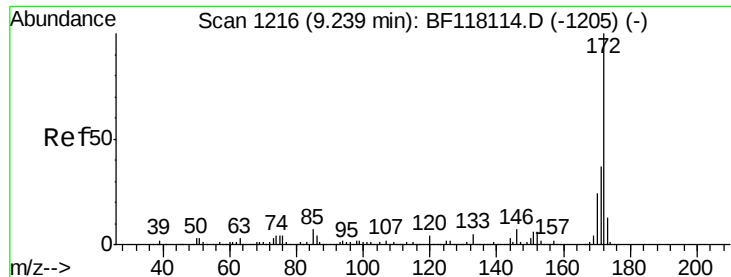
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

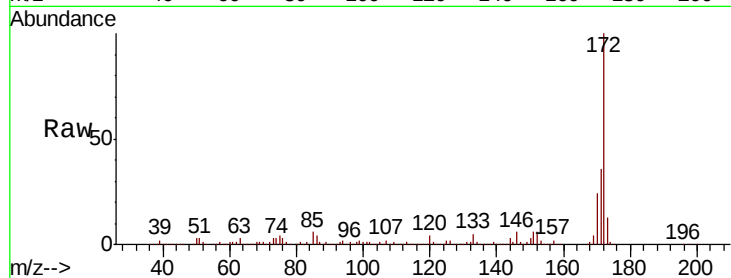




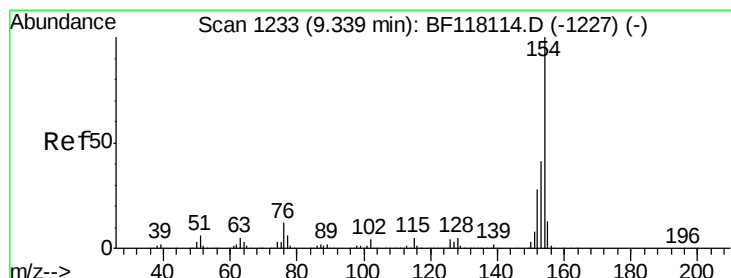
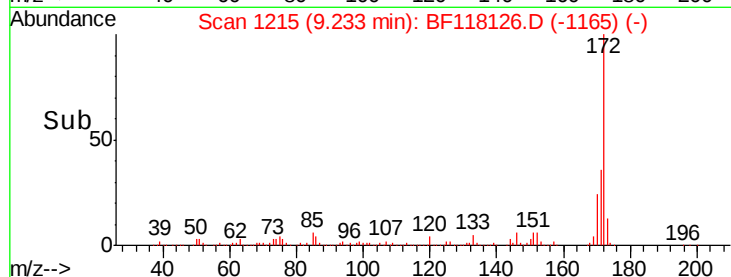
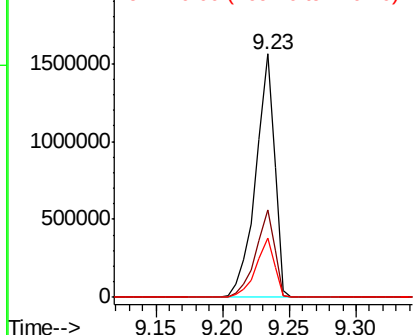
#45
2-Fluorobiphenyl
Concen: 87.595 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1504944
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.2 19.4 29.2

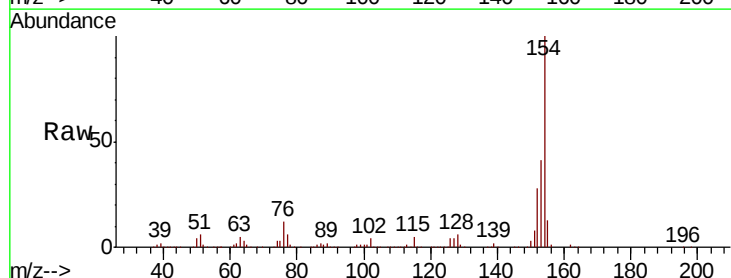


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

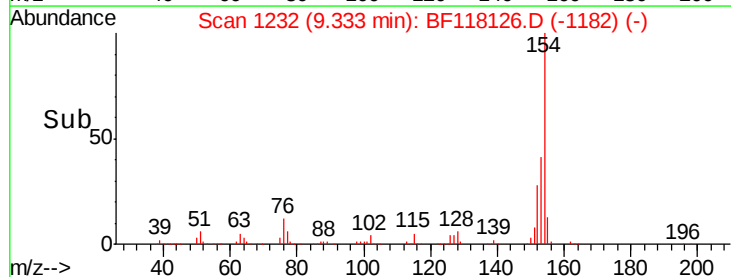
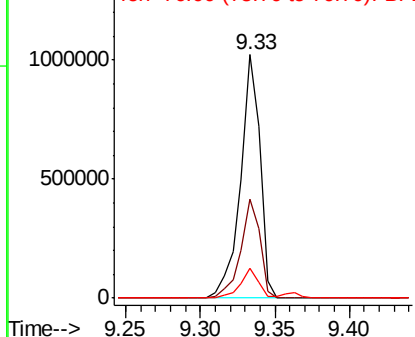


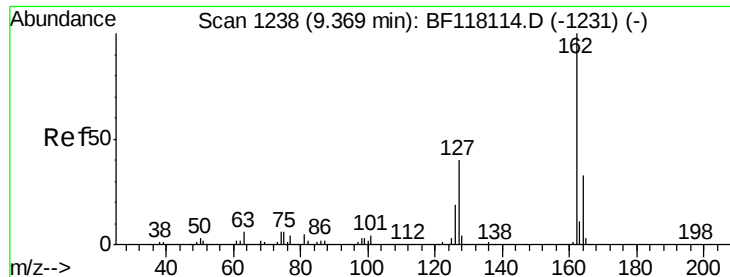
#46
1,1'-Biphenyl
Concen: 45.124 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:154 Resp: 930393
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 12.0 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

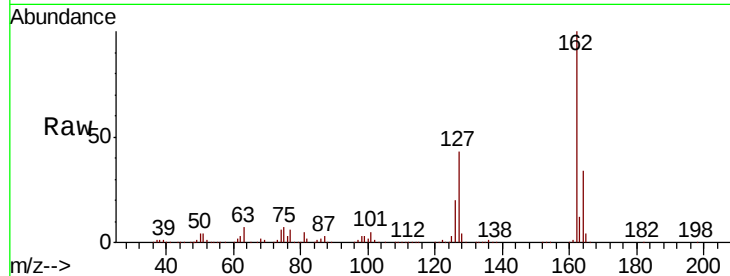




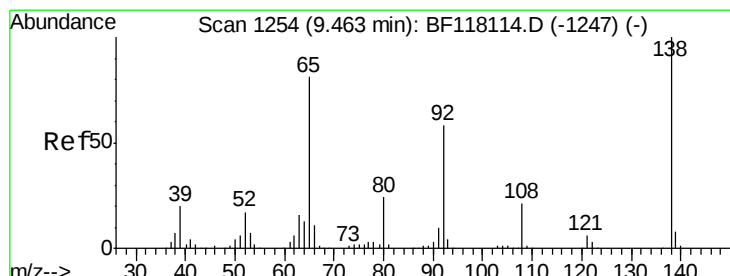
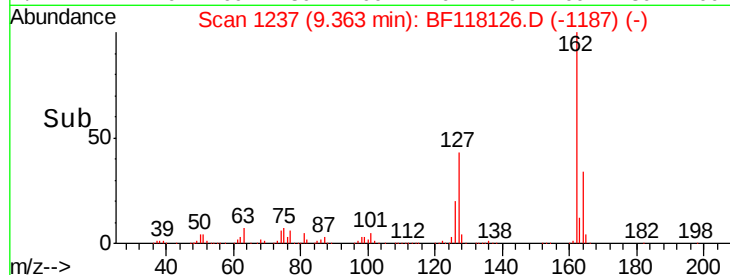
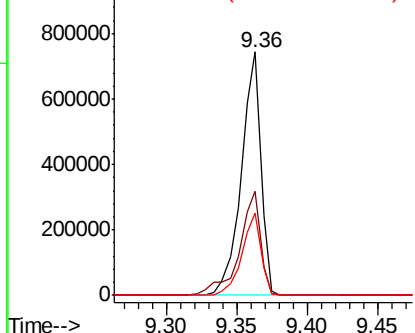
#47
 2-Chloronaphthalene
 Concen: 43.222 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	32.0	48.0
164	33.8	26.1	39.1

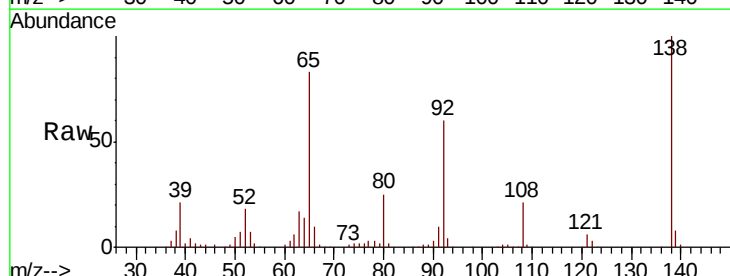


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

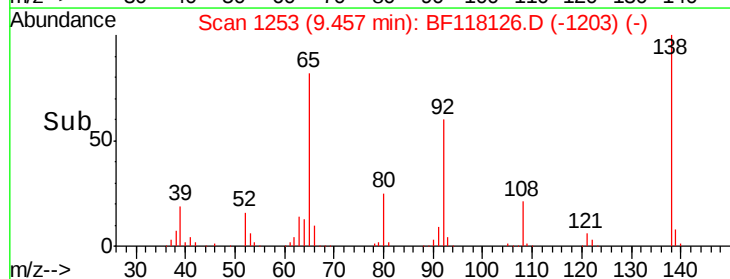
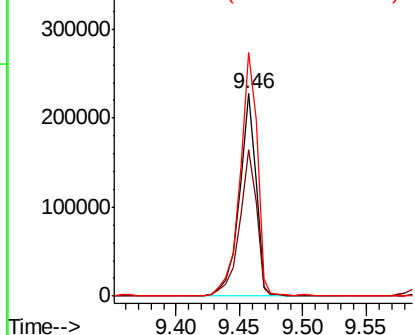


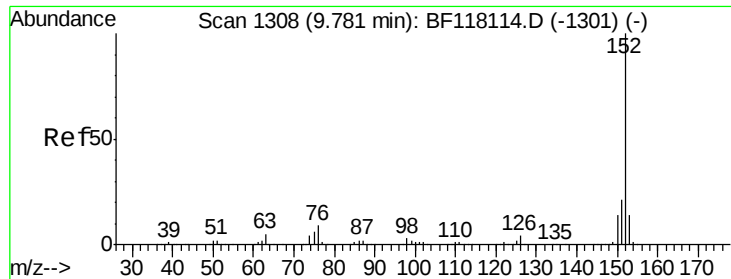
#48
 2-Nitroaniline
 Concen: 43.585 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	57.8	86.6
138	120.3	98.8	148.2



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.399 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

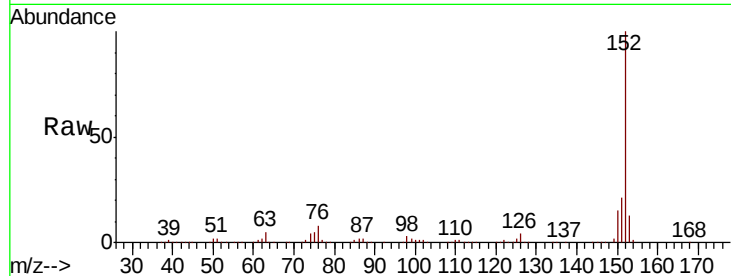
Tot Ion:152 Resp: 1135047

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

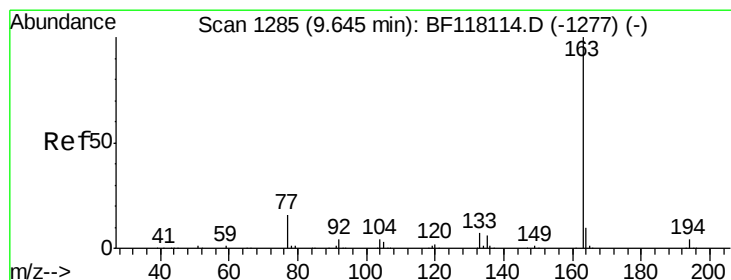
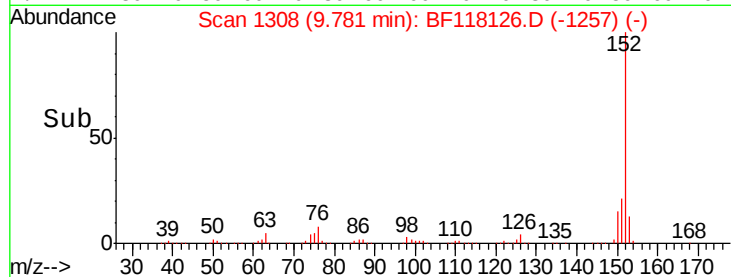
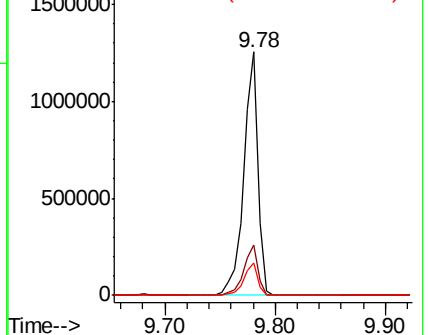
153 13.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.609 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

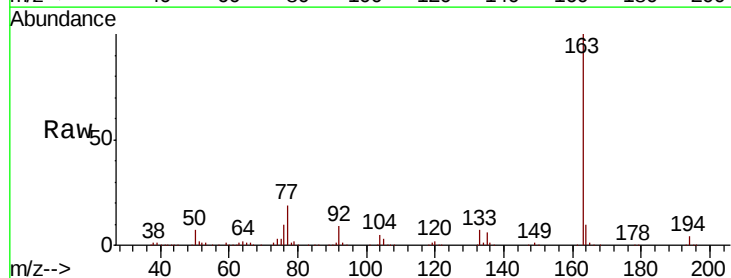
Tgt Ion:163 Resp: 861402

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

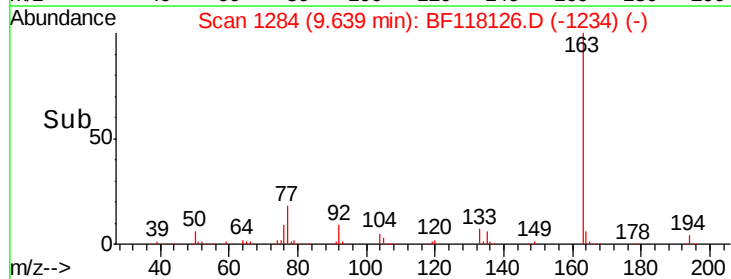
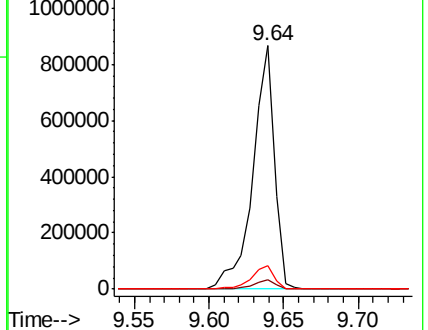
164 9.9 7.7 11.5

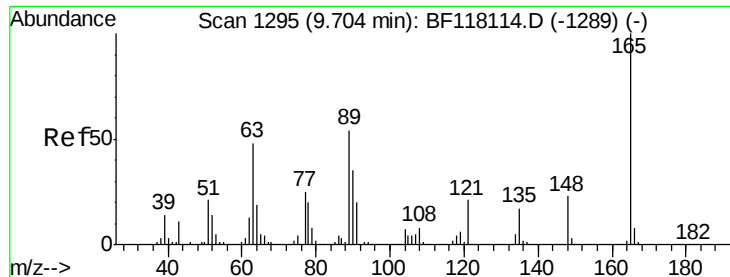


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

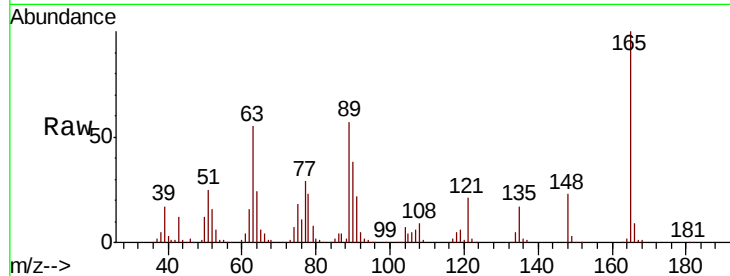




#51
2,6-Dinitrotoluene
Concen: 46.427 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.8	41.4	62.0
89	57.2	42.9	64.3

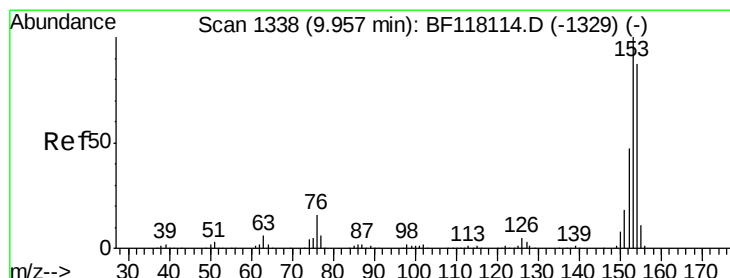
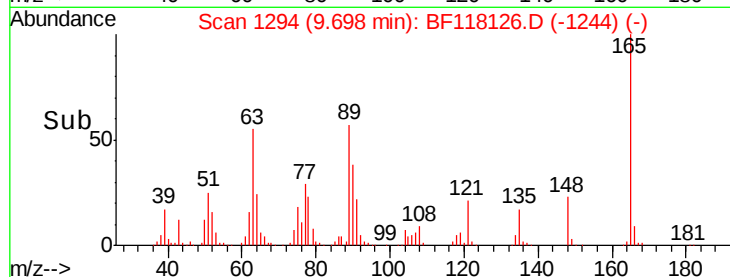
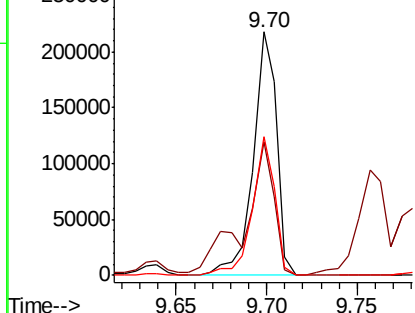


Abundance

Ion 165.00 (164.70 to 165.70): E

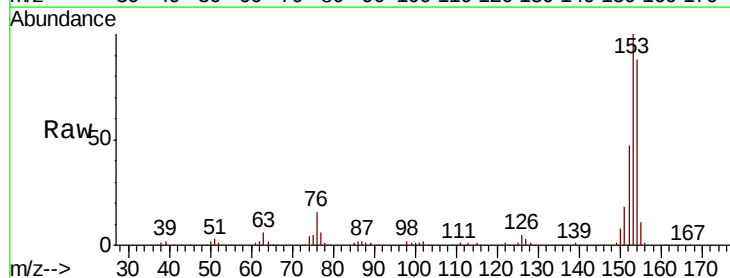
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 44.584 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.8	137.6
152	53.1	43.3	64.9

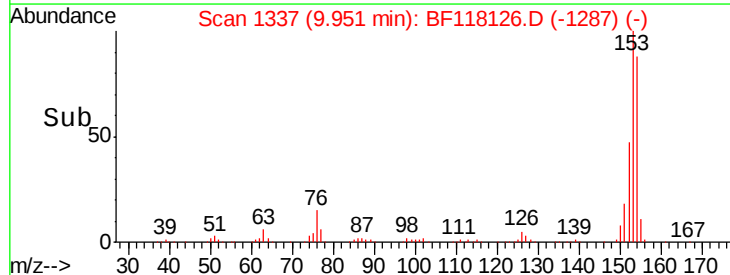
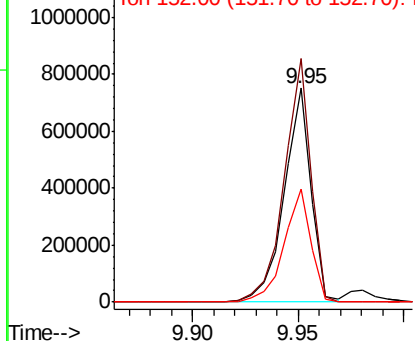


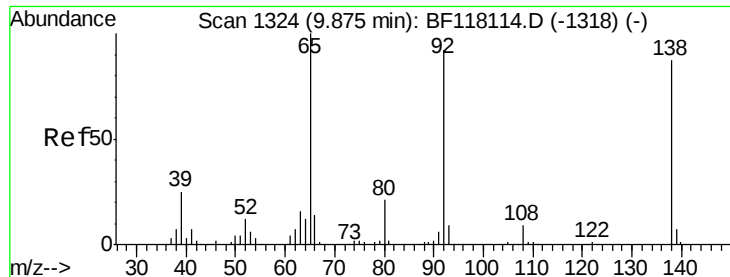
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

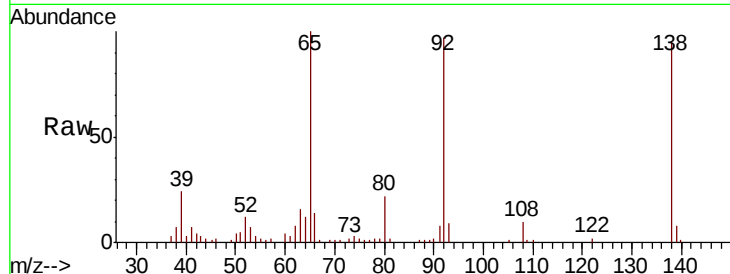




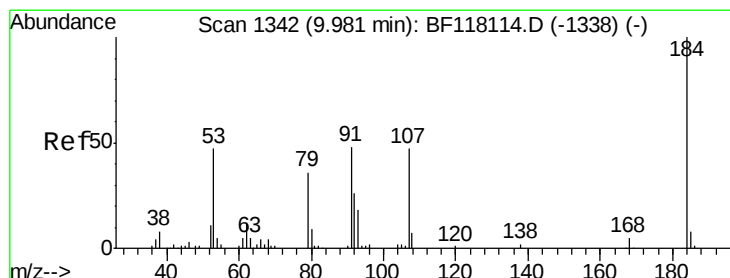
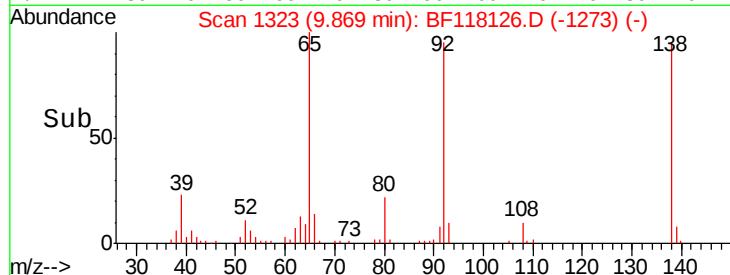
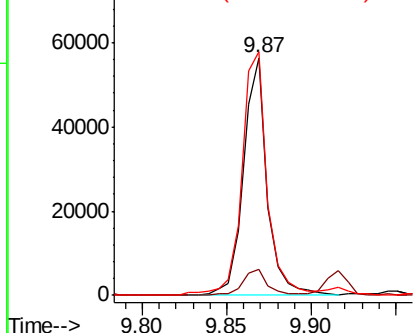
#53
 3-Nitroaniline
 Concen: 11.181 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 55251
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.2 12.4
 92 102.5 84.9 127.3

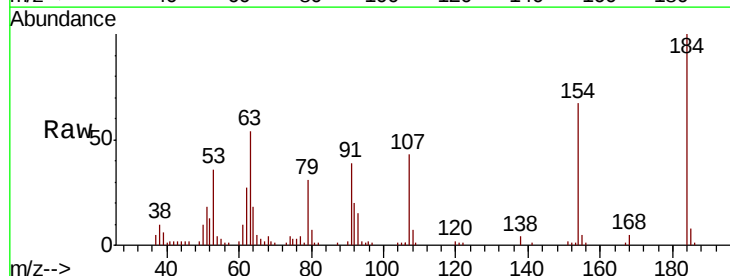


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

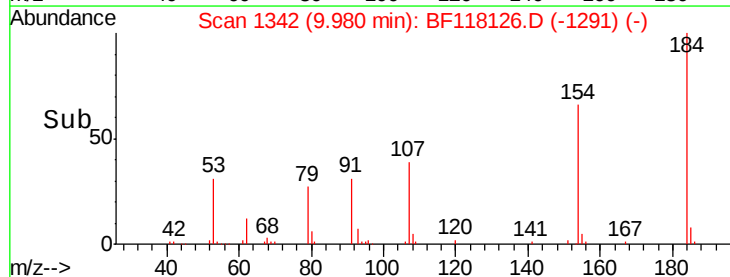
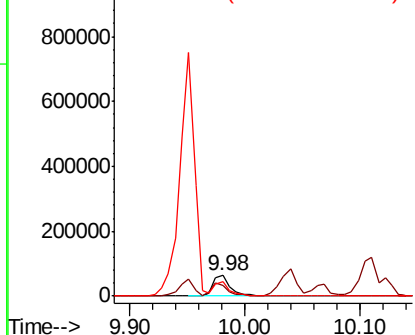


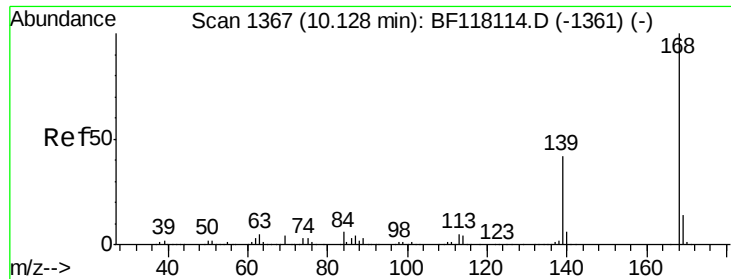
#54
 2,4-Dinitrophenol
 Concen: 33.066 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion:184 Resp: 69075
 Ion Ratio Lower Upper
 184 100
 63 54.3 53.9 80.9
 154 66.7 56.3 84.5



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 46.381 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

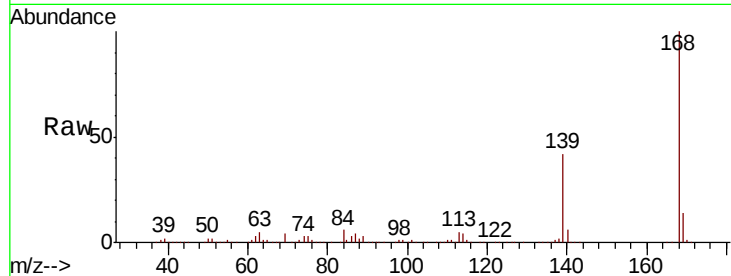
Tot Ion:168 Resp: 1014739

Ion Ratio Lower Upper

168 100

139 41.7 33.4 50.0

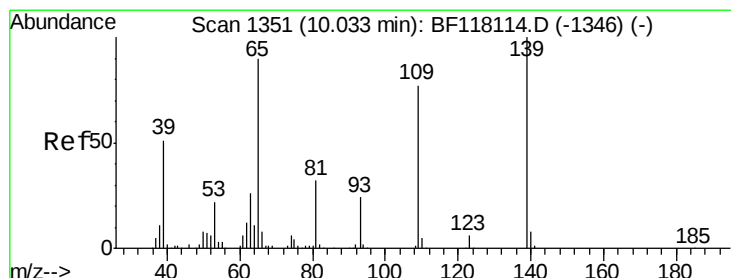
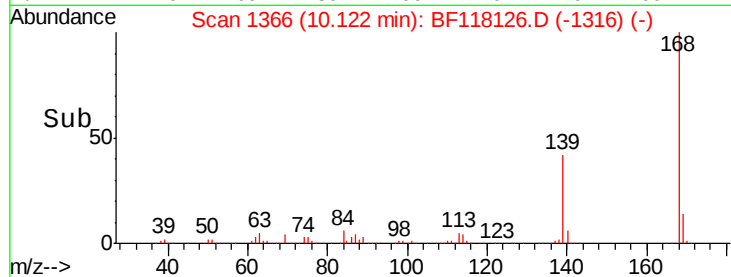
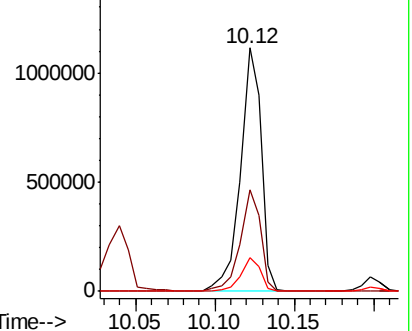
169 14.0 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.543 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

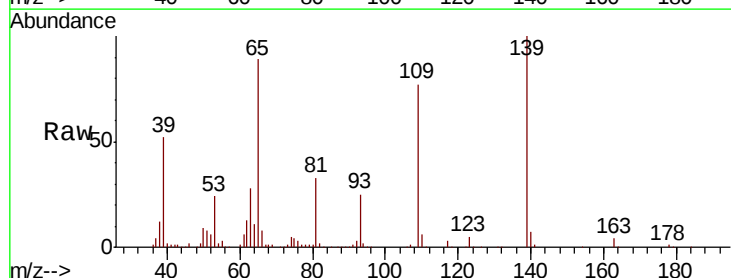
Tgt Ion:139 Resp: 313931

Ion Ratio Lower Upper

139 100

109 76.6 57.3 97.3

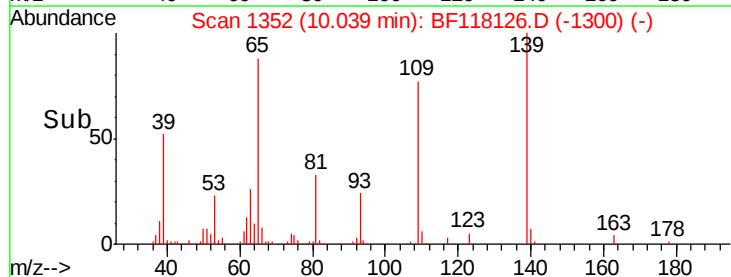
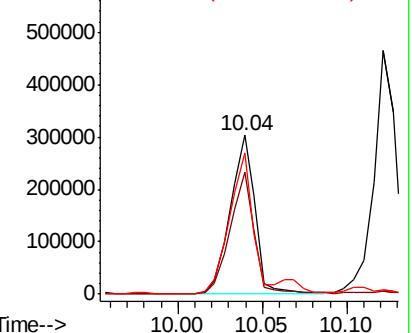
65 88.6 70.2 110.2

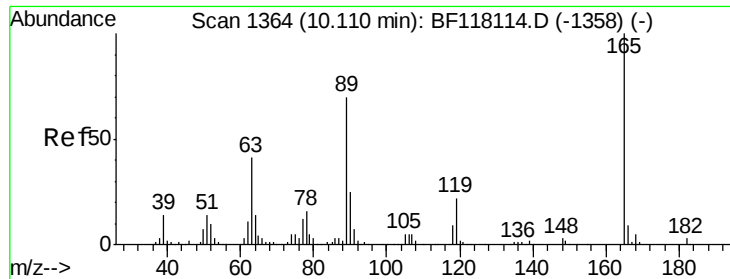


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

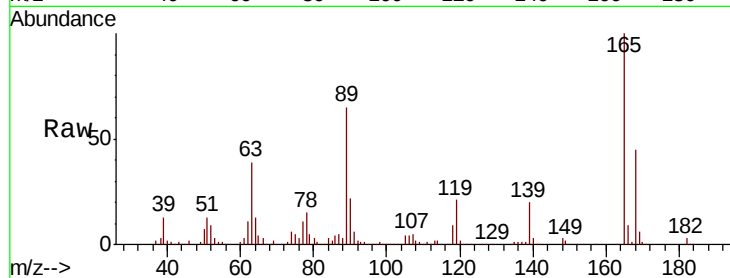




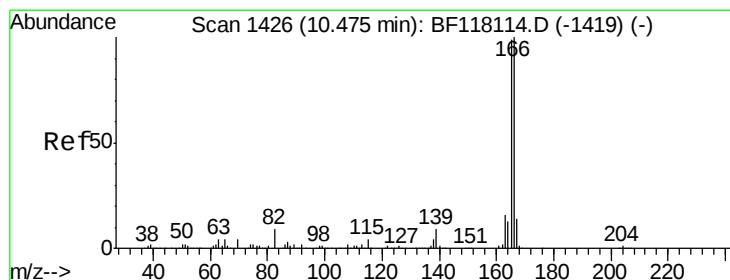
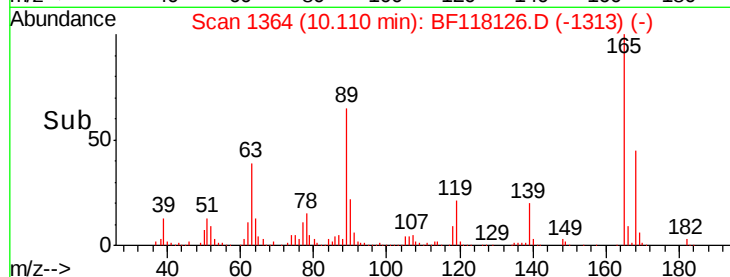
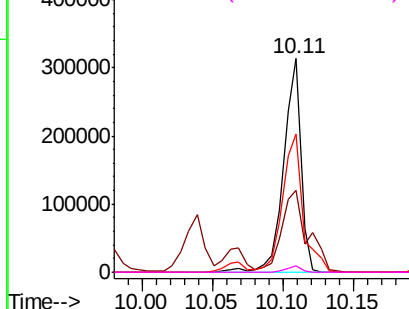
#57
2,4-Dinitrotoluene
Concen: 48.127 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot	Ion:165	Resp:	269725
Ion	Ratio	Lower	Upper
165	100		
63	38.6	32.6	49.0
89	64.5	56.1	84.1
182	2.9	2.1	3.1

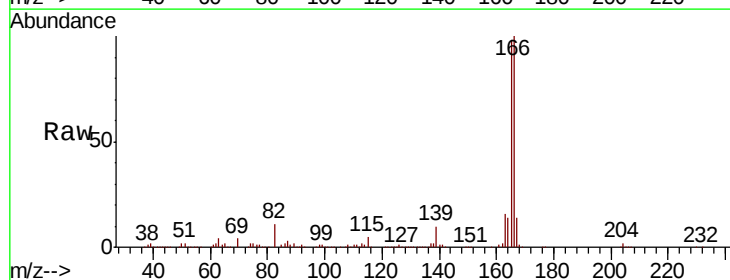


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

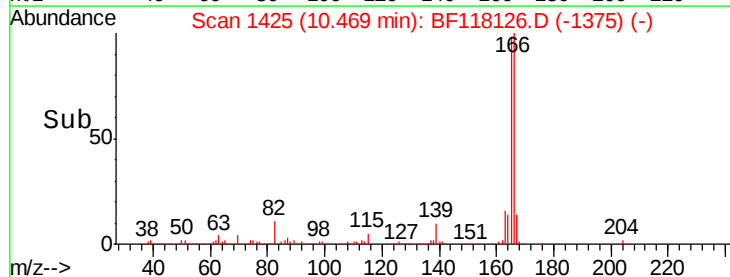
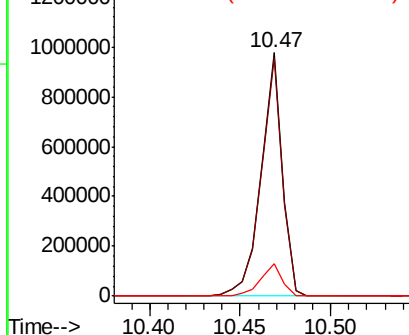


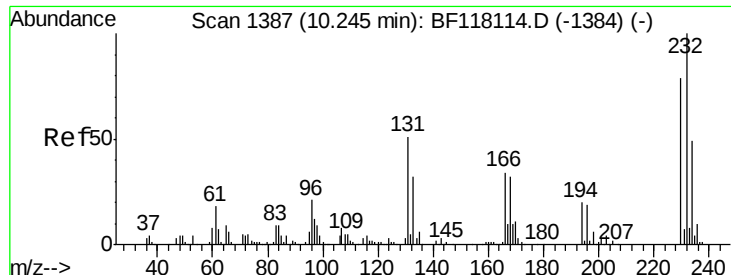
#58
Fluorene
Concen: 46.005 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt	Ion:166	Resp:	799877
Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.4
167	13.6	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

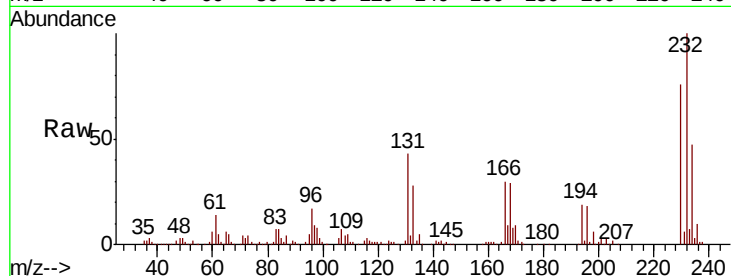




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.909 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.7	38.8	58.2
130	2.5	1.9	2.9
166	31.6	25.4	38.0



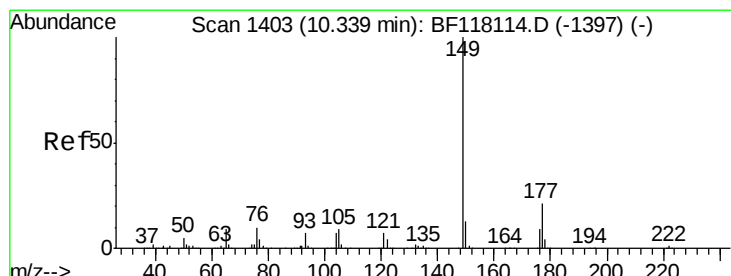
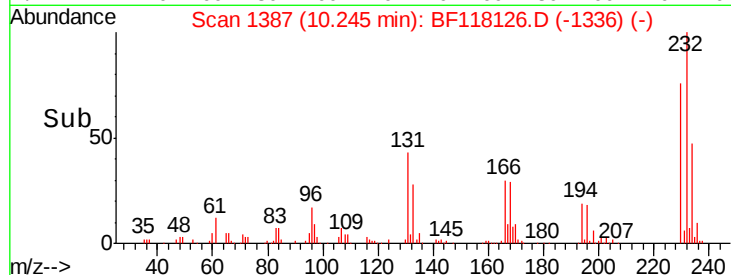
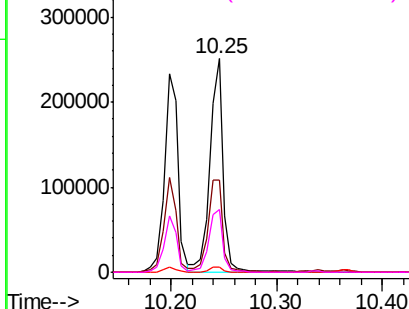
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

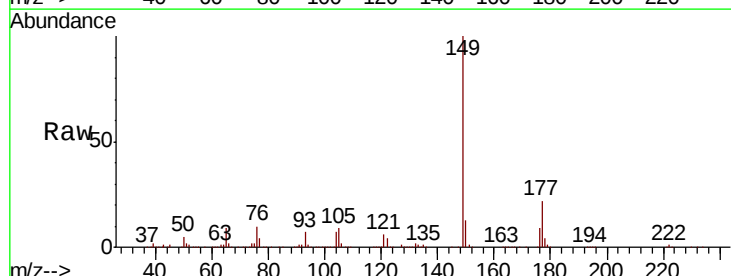
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.645 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.4
150	12.8	10.1	15.1

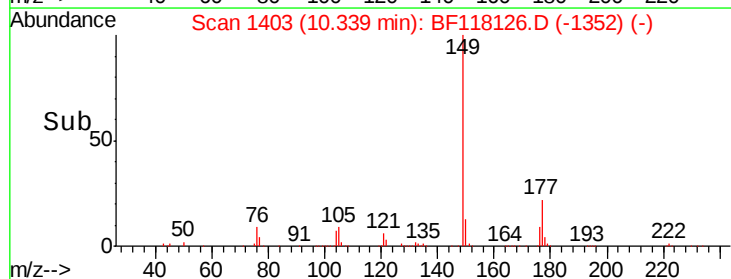
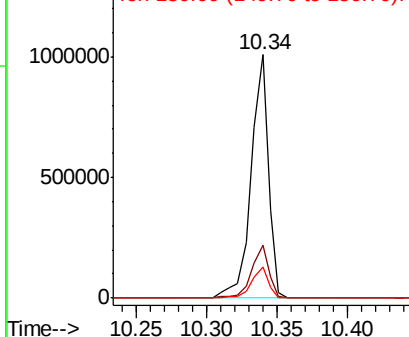


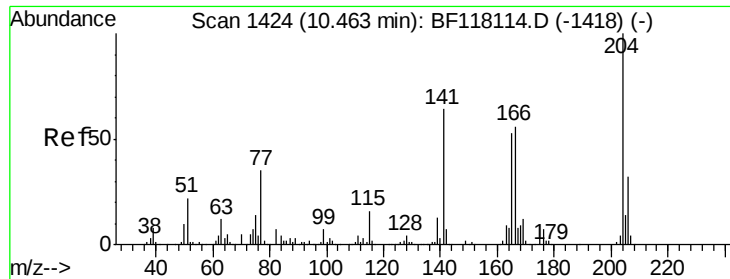
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

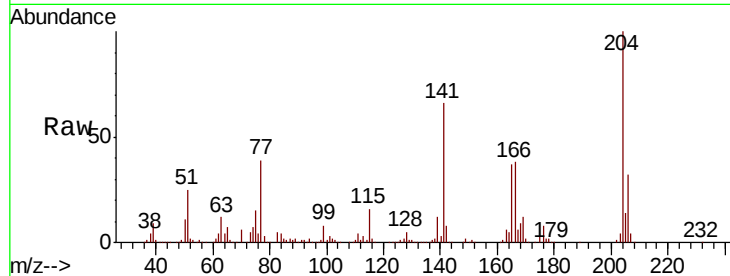




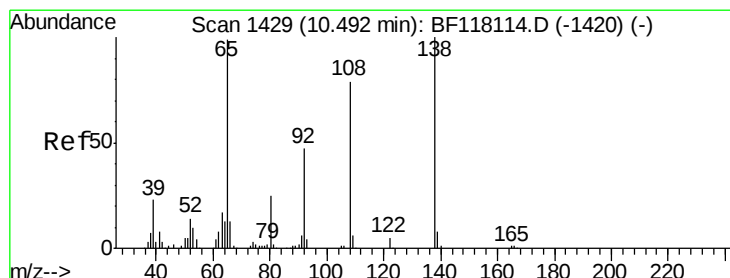
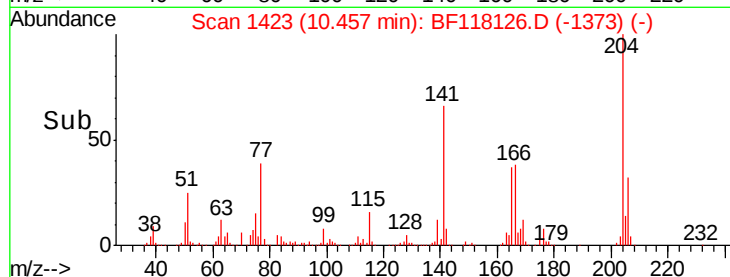
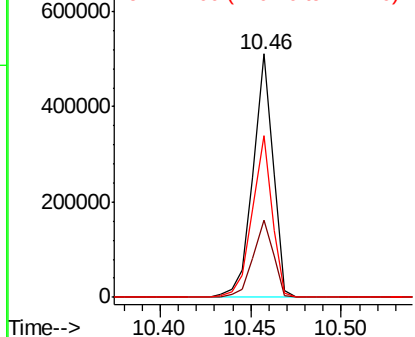
#61
4-Chlorophenyl-phenylether
Concen: 45.096 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 394512
Ion Ratio Lower Upper
204 100
206 31.7 26.0 39.0
141 66.2 51.0 76.6

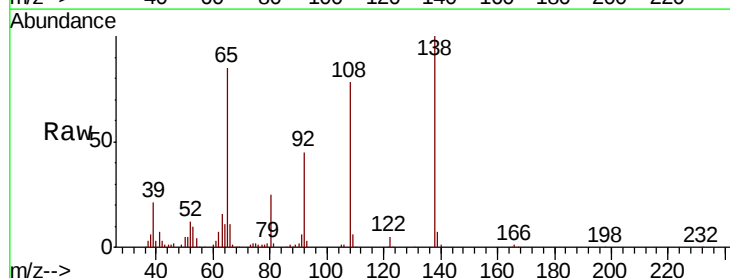


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

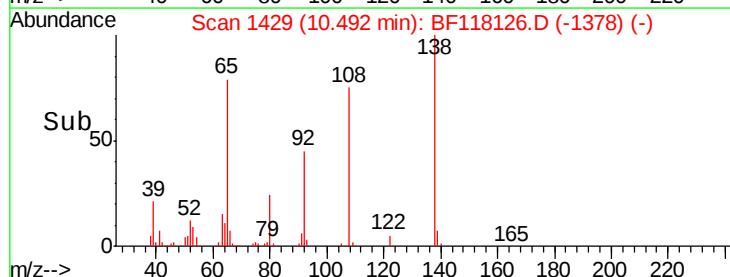
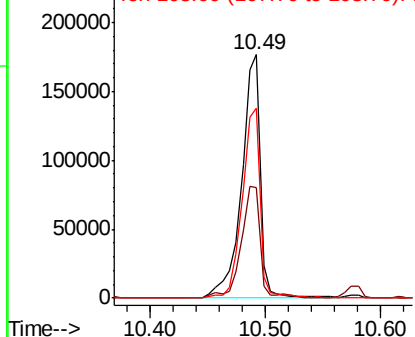


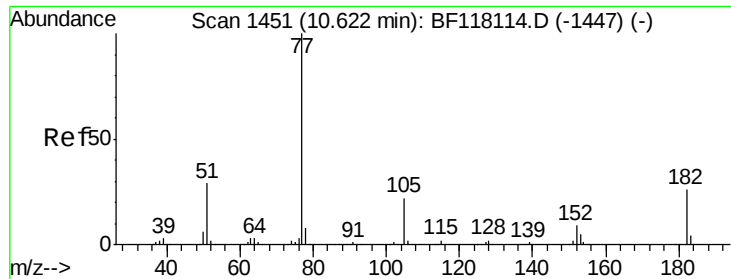
#62
4-Nitroaniline
Concen: 38.726 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:138 Resp: 199585
Ion Ratio Lower Upper
138 100
92 45.4 27.1 67.1
108 77.8 59.0 99.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

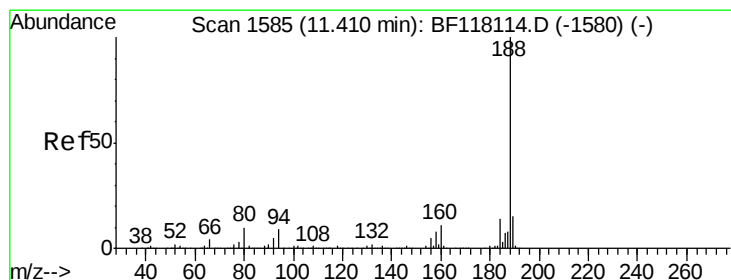
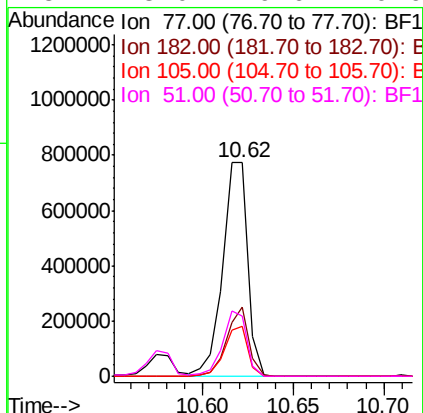
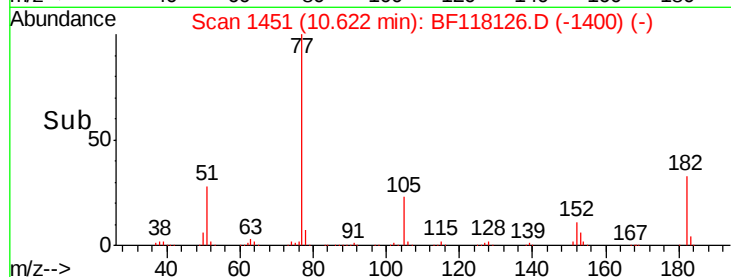
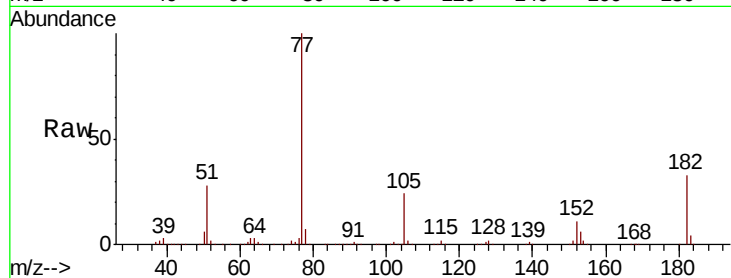




#63
Azobenzene
Concen: 45.898 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

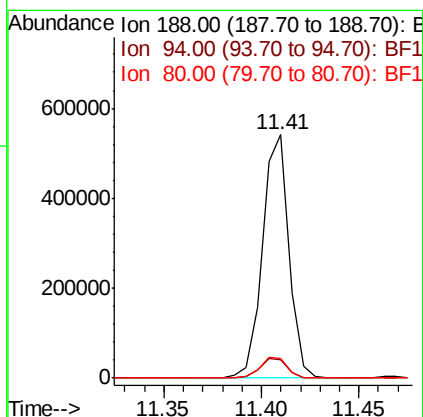
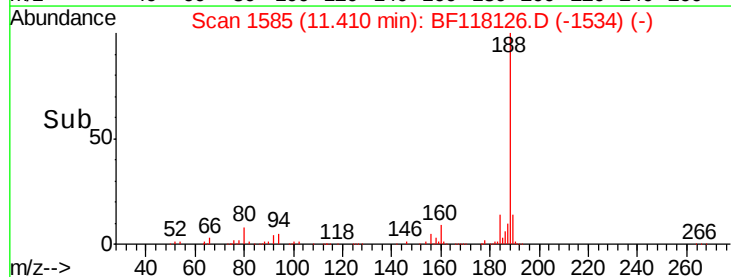
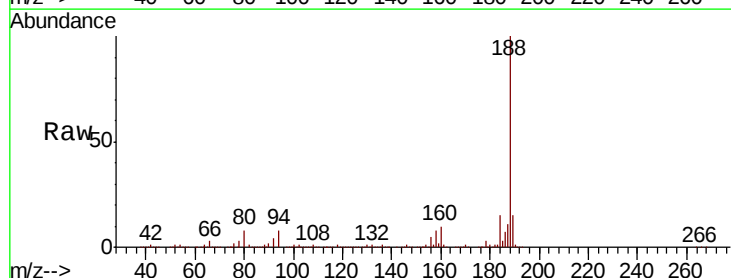
Instrument :
BNA_F
ClientSampled :

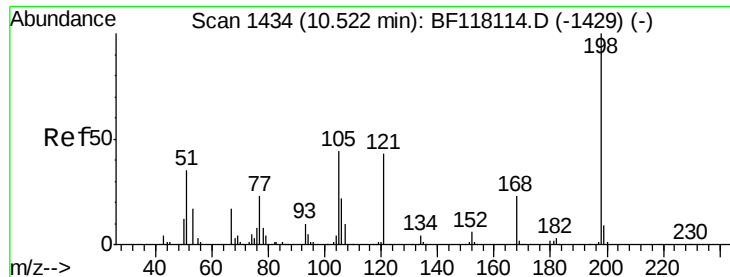
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.6	5.7	45.7	
105	23.5	2.2	42.2	
51	28.0	9.6	49.6	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.6	7.1	10.7	
80	8.2	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 27.902 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

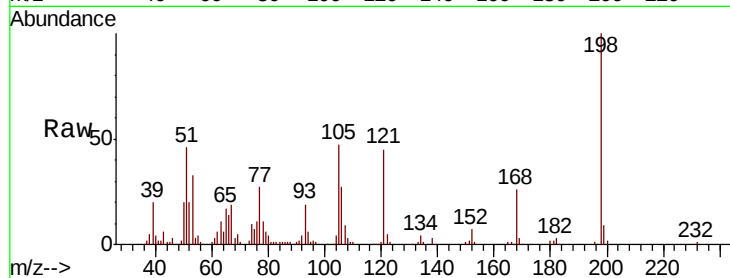
Tot Ion:198 Resp: 78060

Ion Ratio Lower Upper

198 100

51 46.2 22.0 62.0

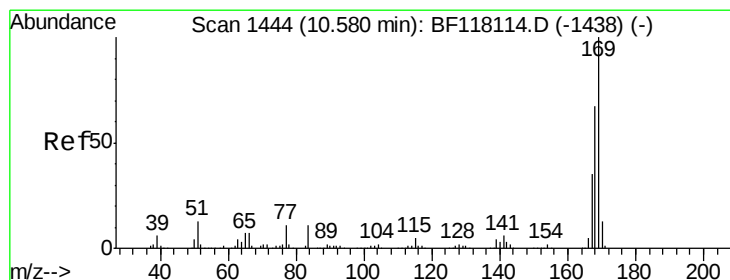
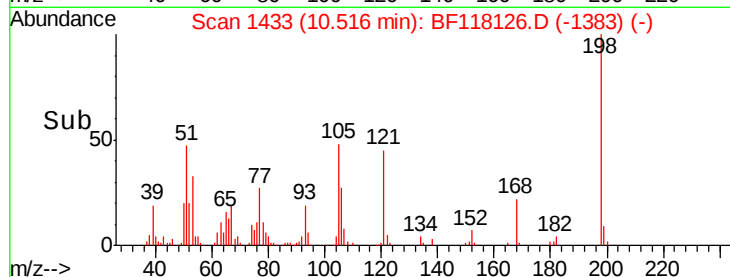
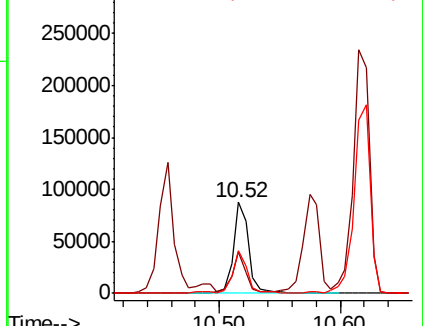
105 47.1 25.6 65.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.428 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

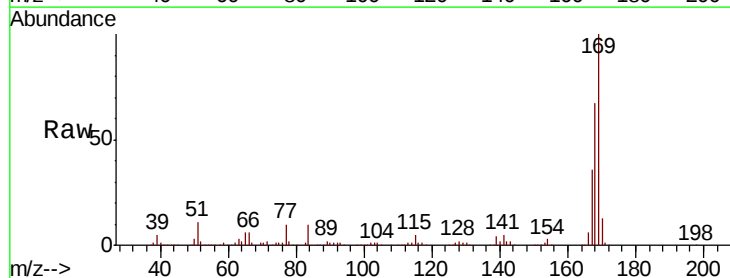
Tgt Ion:169 Resp: 718669

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.2

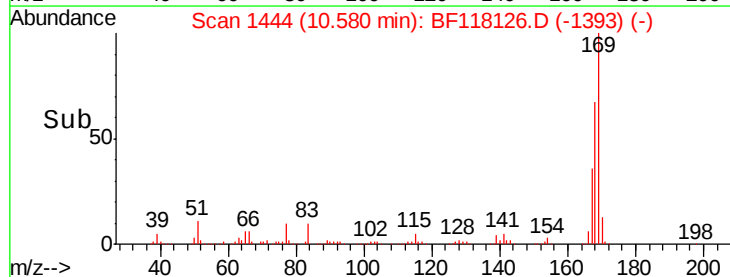
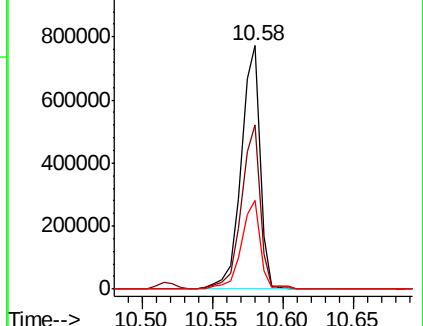
167 36.2 28.4 42.6

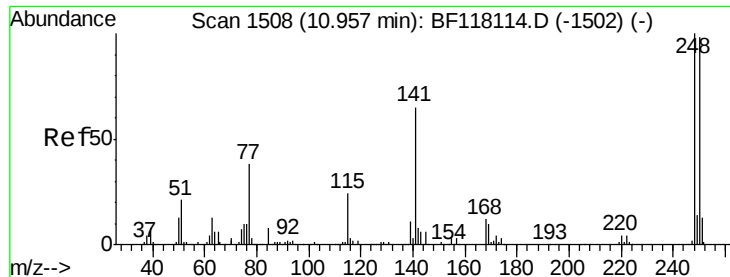


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

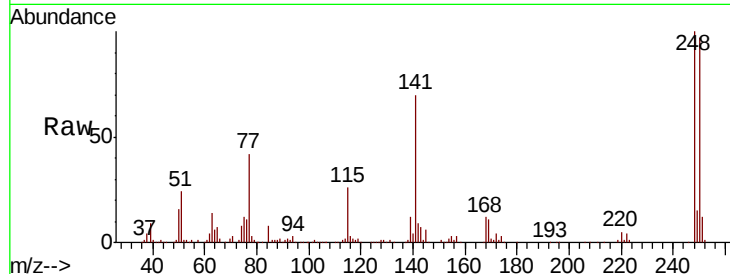




#67
 4-Bromophenyl-phenylether
 Concen: 43.445 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.3	117.5
141	70.4	52.2	78.4

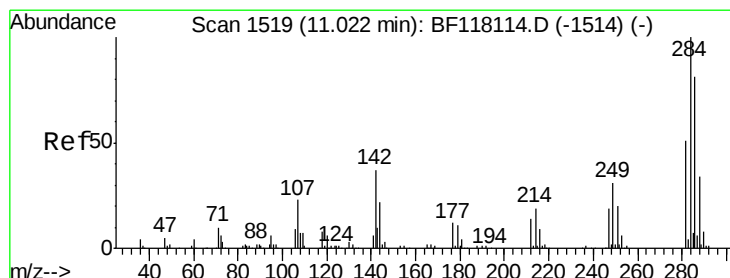
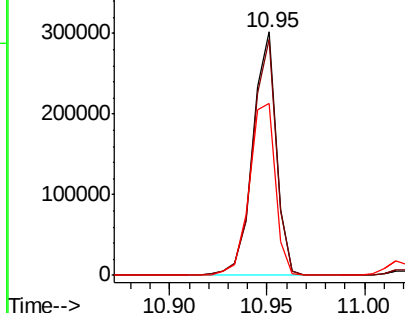
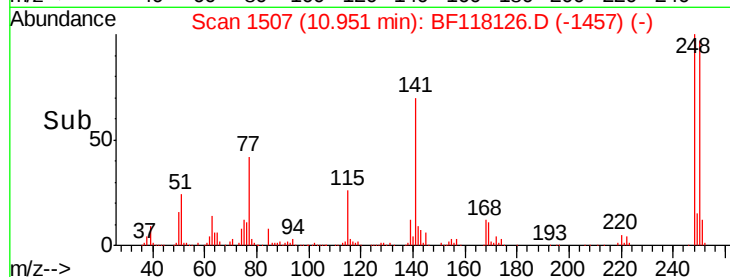


Abundance

Ion 248.00 (247.70 to 248.70): E

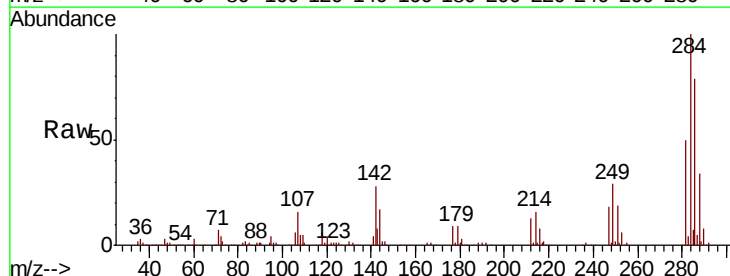
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.917 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	29.7	44.5#
249	29.1	24.6	37.0

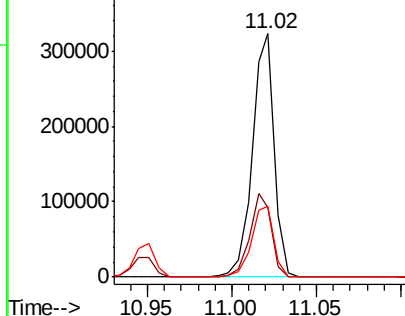
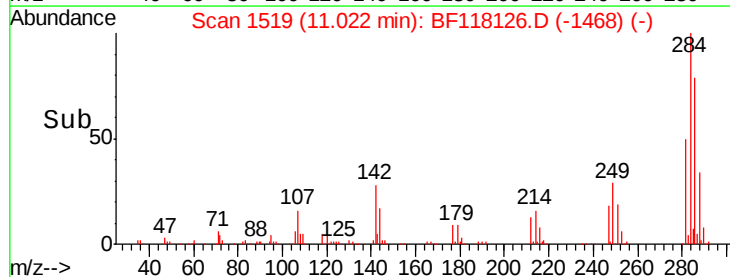


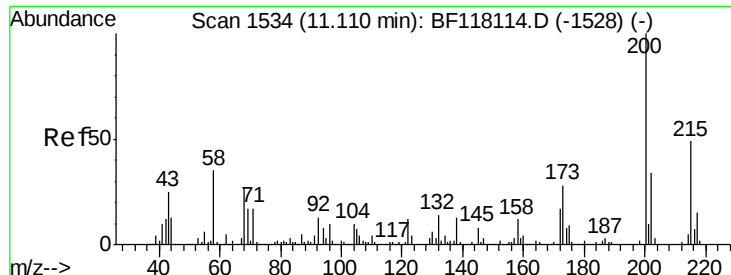
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

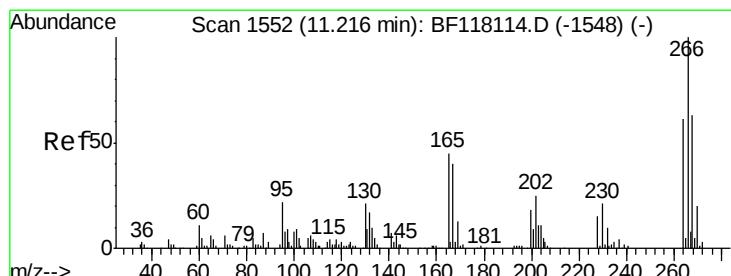
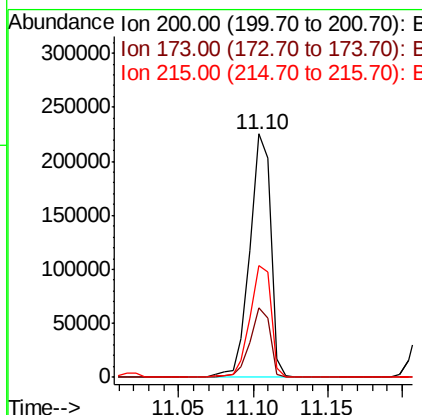
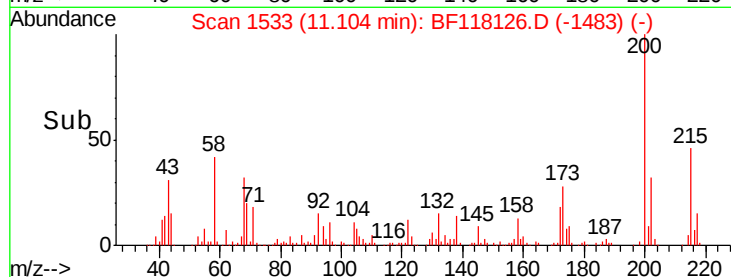
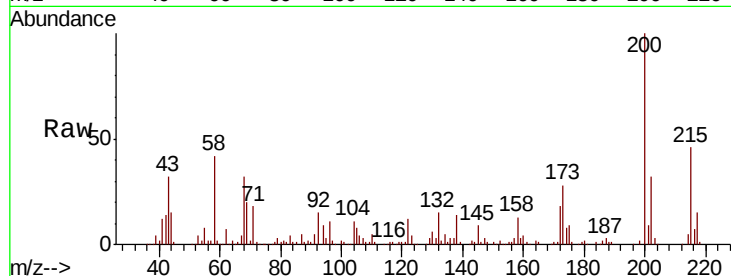




#69
 Atrazine
 Concen: 56.853 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

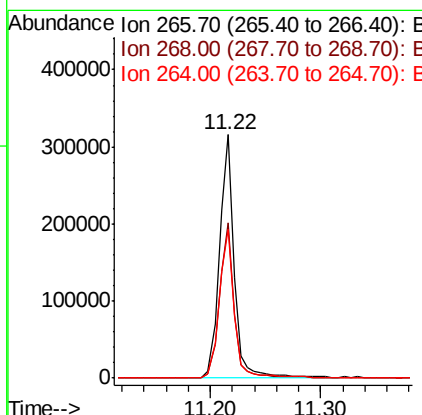
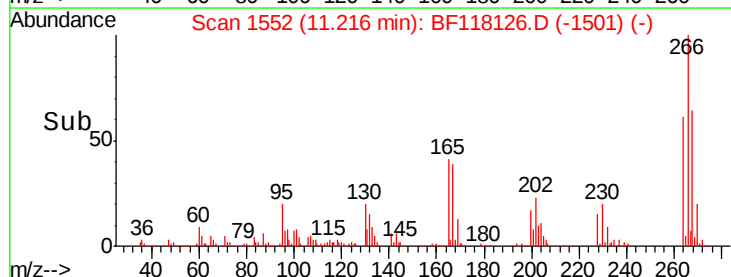
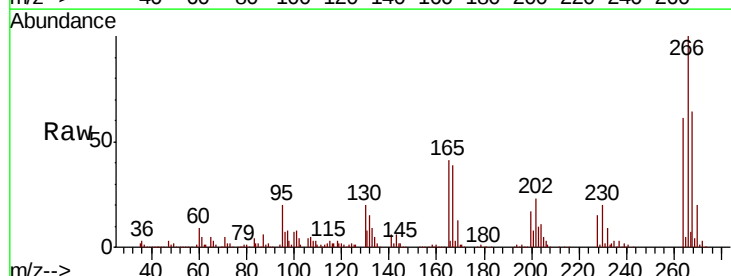
Instrument :
 BNA_F
 ClientSampleId :

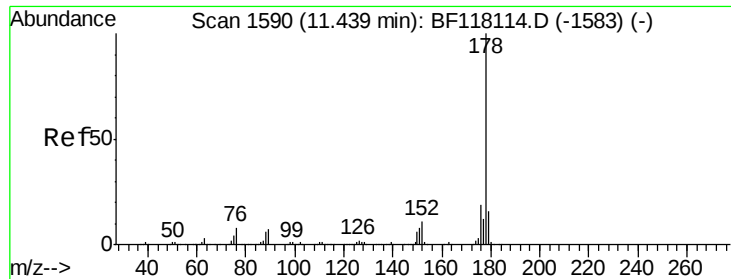
Tot Ion:200 Resp: 217706
 Ion Ratio Lower Upper
 200 100
 173 28.3 8.1 48.1
 215 46.0 29.0 69.0



#70
 Pentachlorophenol
 Concen: 91.935 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion:266 Resp: 294279
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.7 76.1
 264 61.2 48.7 73.1

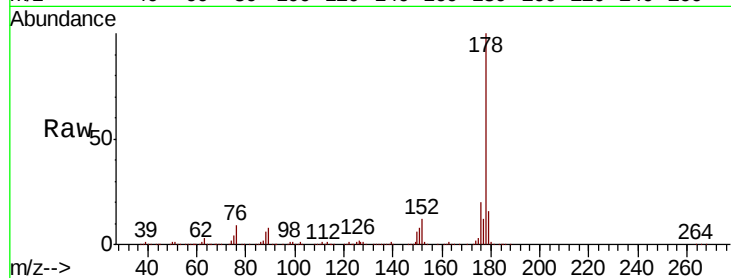




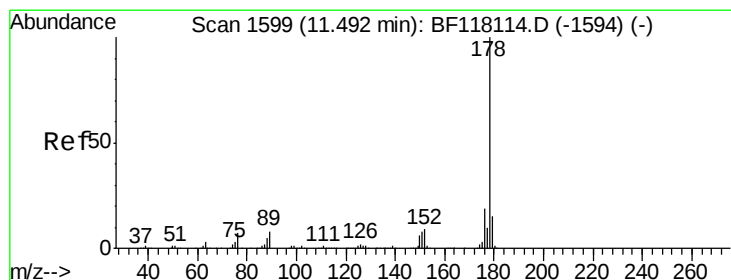
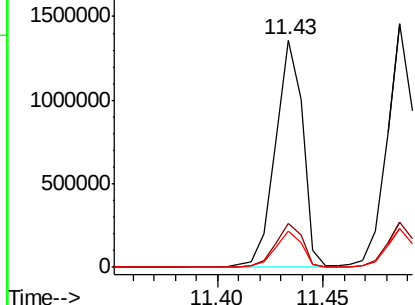
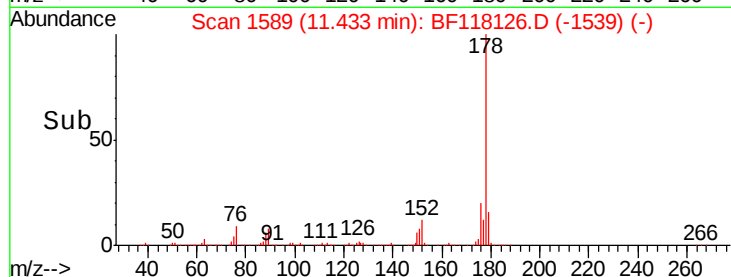
#71
Phenanthrene
Concen: 45.544 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1226510
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.9 12.6 18.8

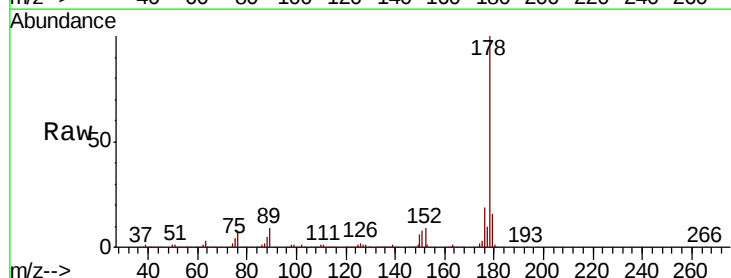


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

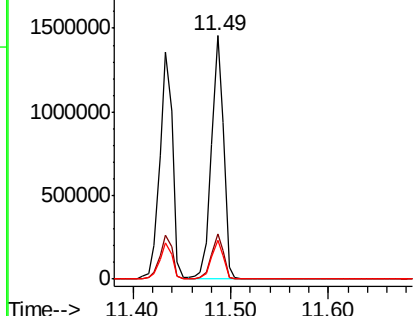
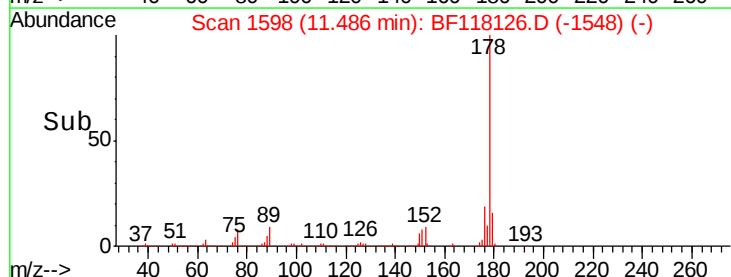


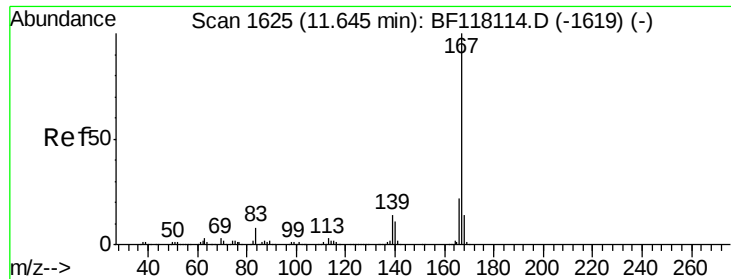
#72
Anthracene
Concen: 47.008 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:178 Resp: 1262849
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

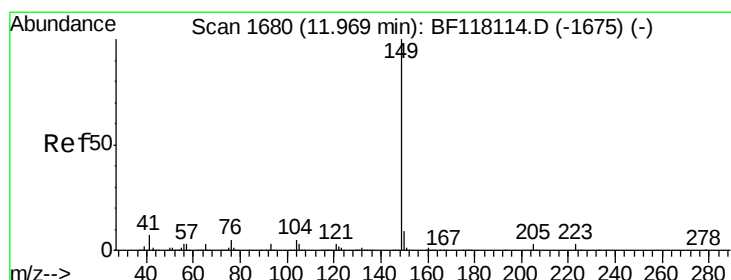
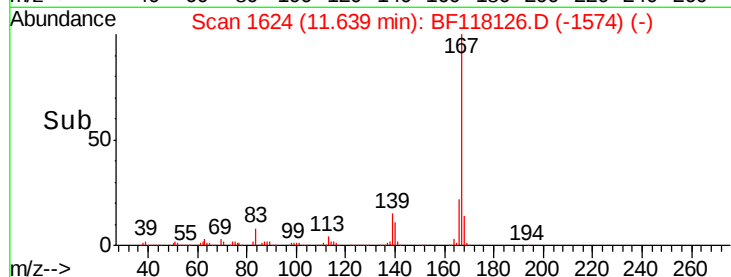
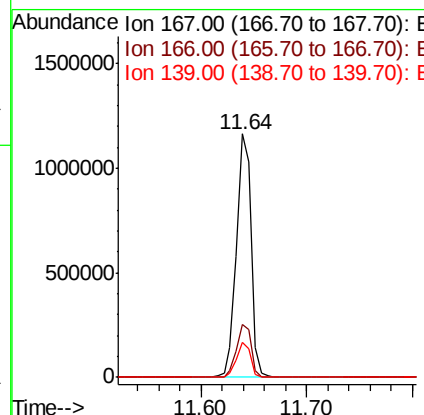
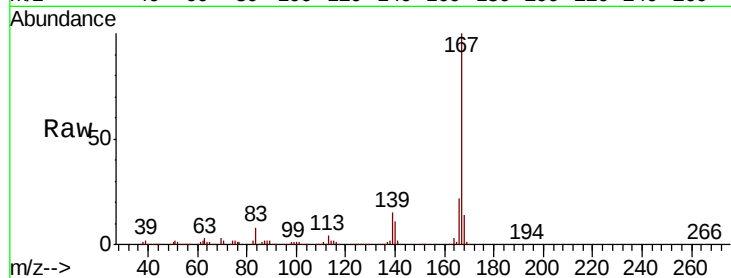




#73
 Carbazole
 Concen: 46.027 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

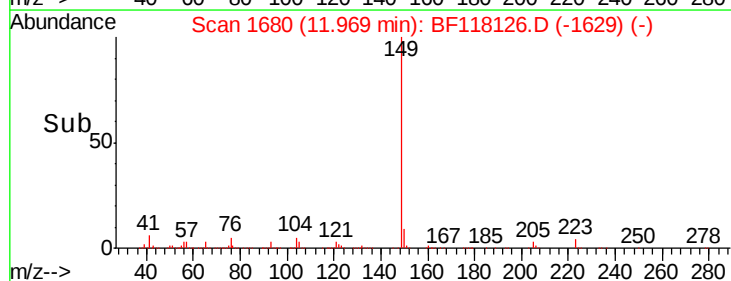
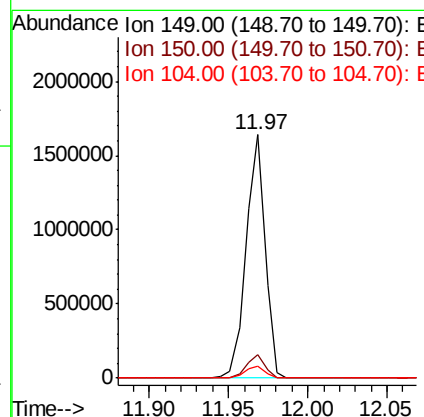
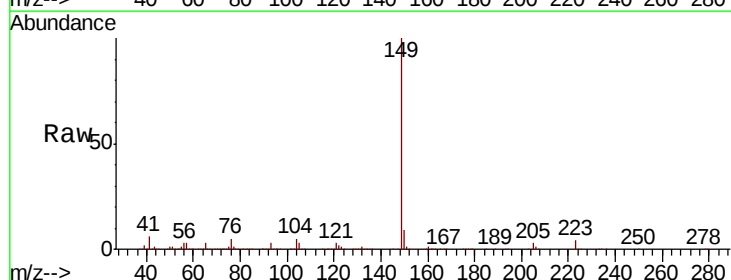
Instrument :
 BNA_F
 ClientSampleId :

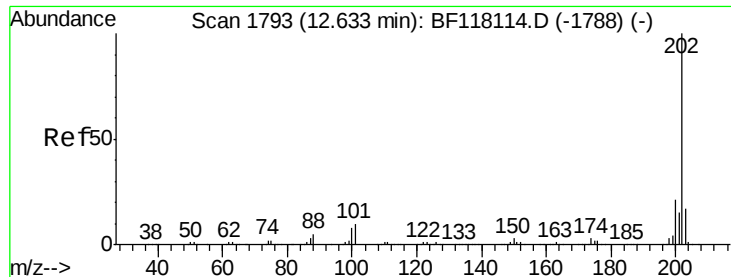
Tot Ion:167 Resp: 1109409
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 14.5 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 45.159 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion:149 Resp: 1362266
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.0 4.3 6.5

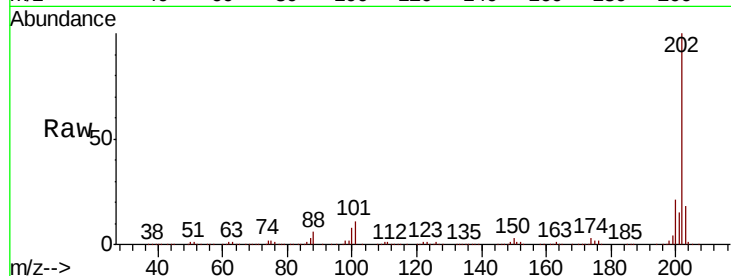




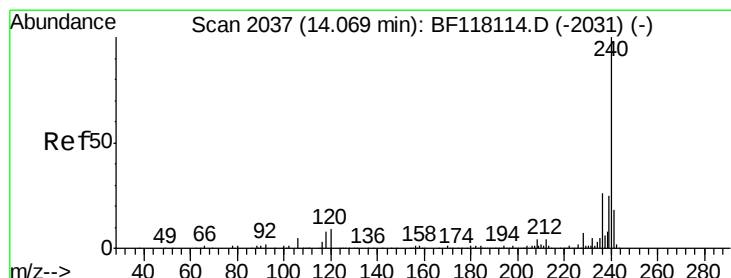
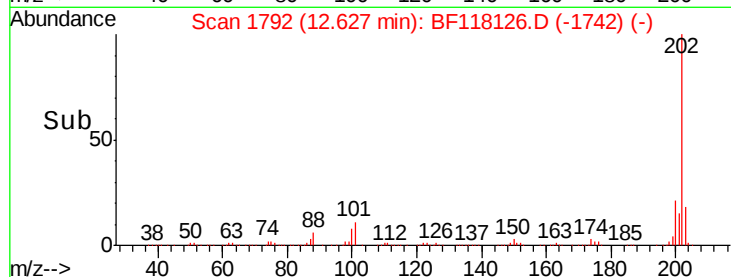
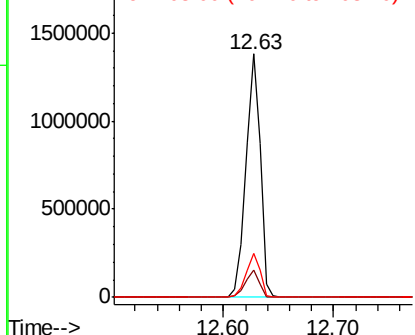
#75
Fluoranthene
Concen: 45.998 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1266463
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.4
203 17.9 0.0 37.2

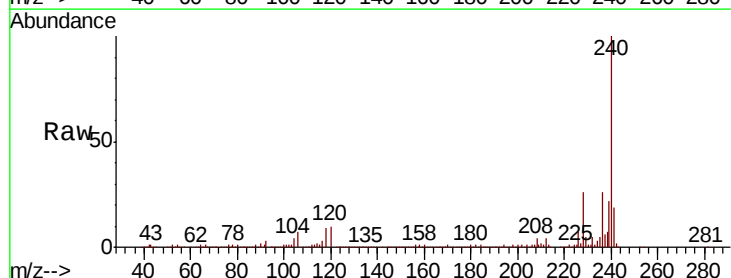


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

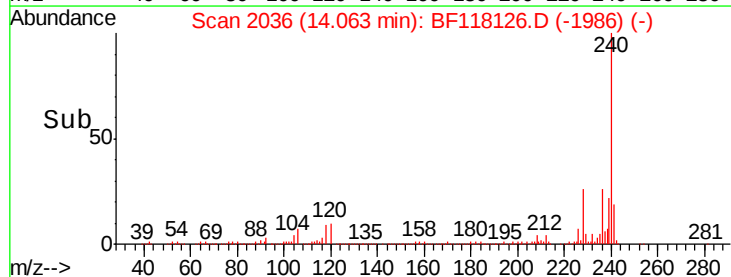
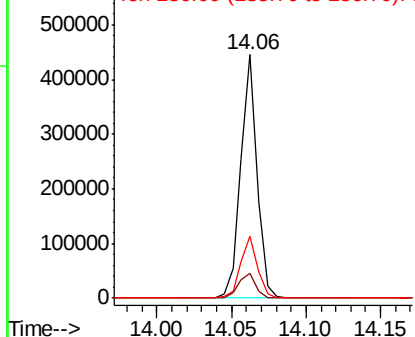


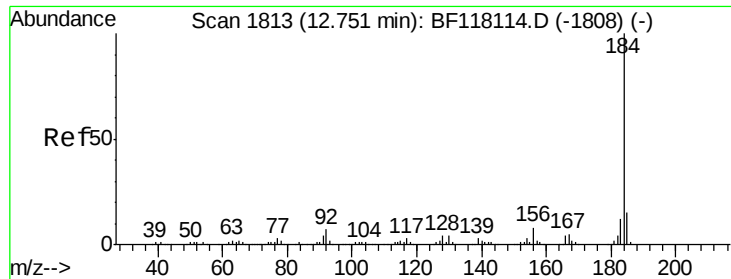
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:240 Resp: 341061
Ion Ratio Lower Upper
240 100
120 10.1 7.1 10.7
236 25.6 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 65.309 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

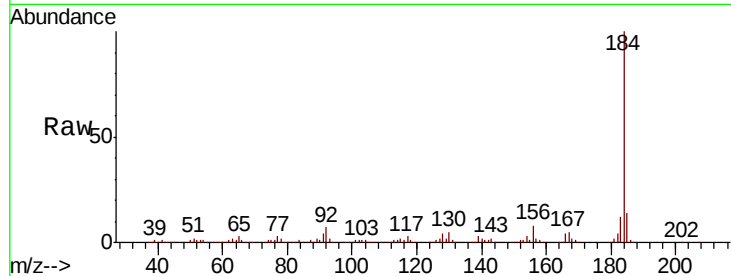
Tot Ion:184 Resp: 586376

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

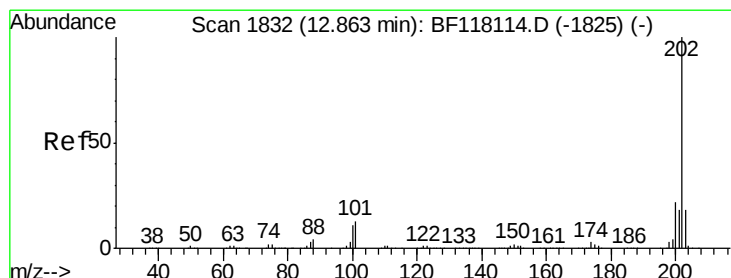
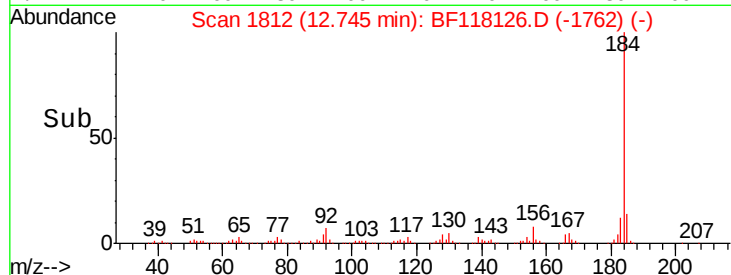
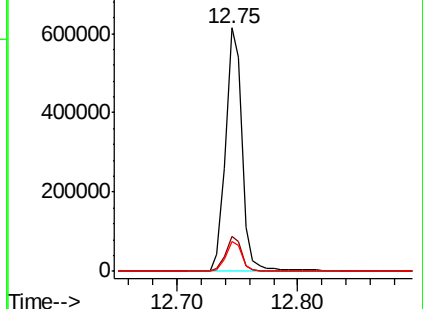
183 12.1 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.574 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

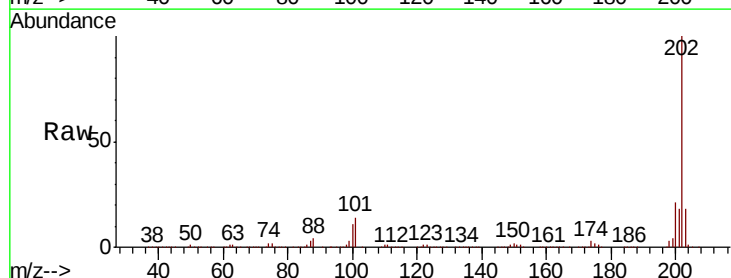
Tgt Ion:202 Resp: 1278660

Ion Ratio Lower Upper

202 100

200 21.3 17.5 26.3

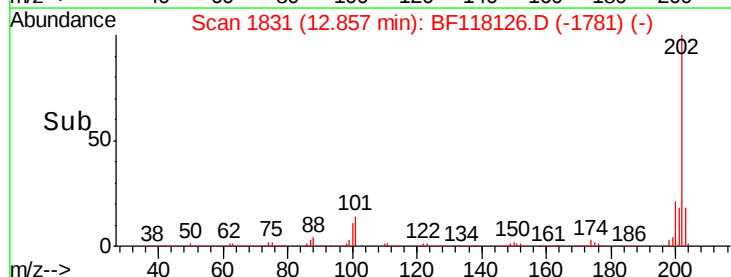
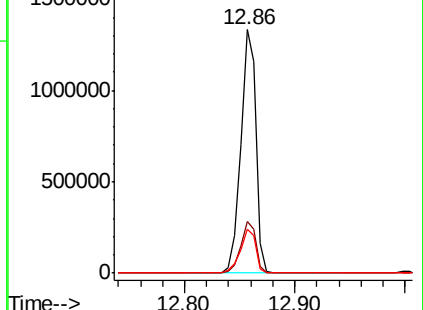
203 17.9 14.6 21.8

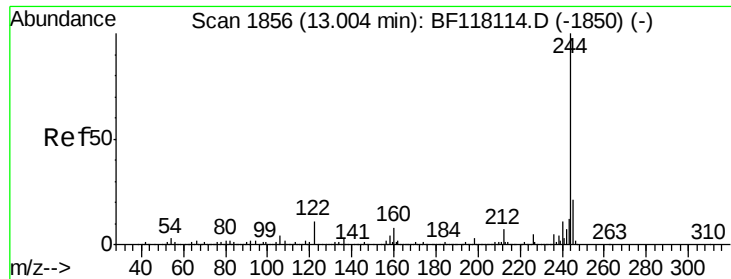


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.768 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampled :

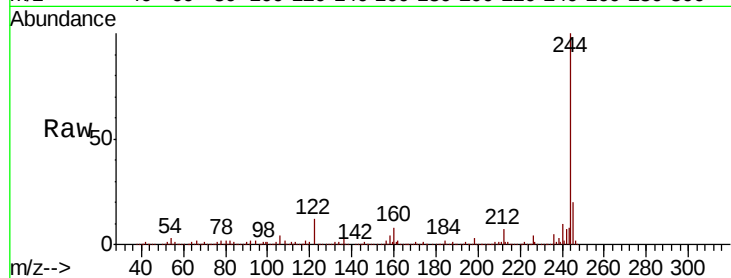
Tot Ion:244 Resp: 1939078

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

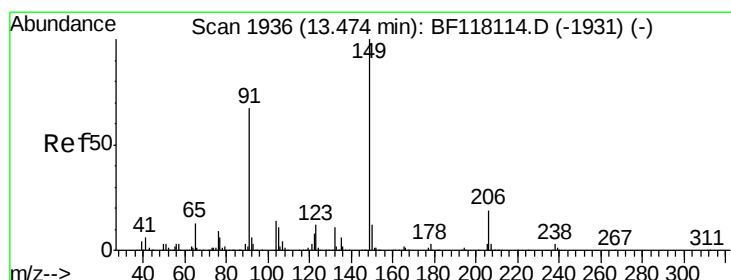
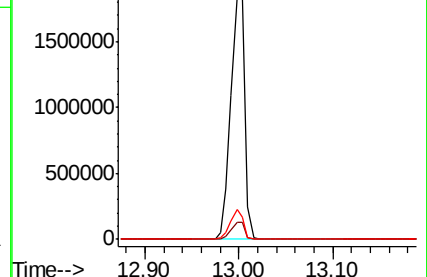
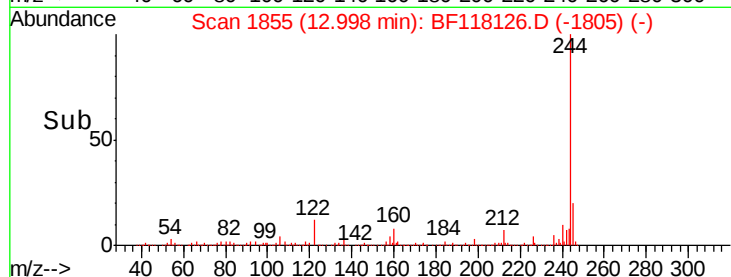
122 12.1 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.646 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

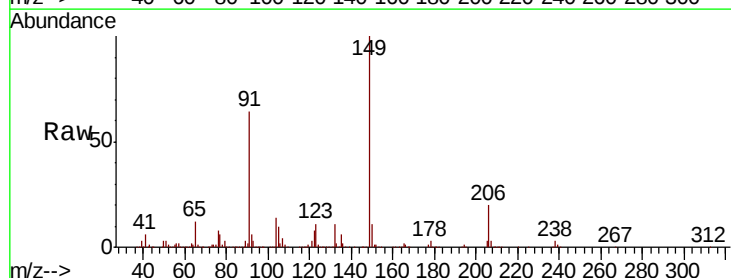
Tgt Ion:149 Resp: 567789

Ion Ratio Lower Upper

149 100

91 63.6 53.9 80.9

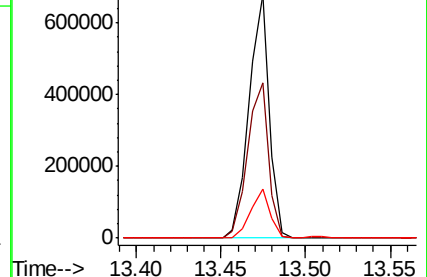
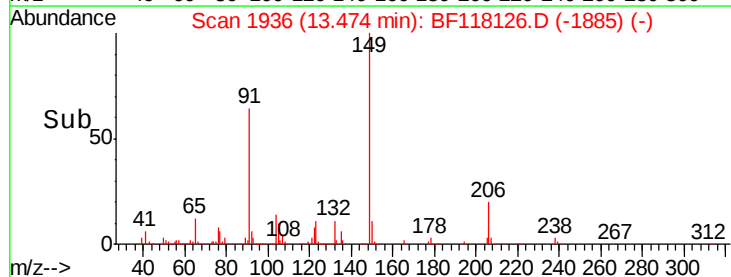
206 19.9 15.2 22.8

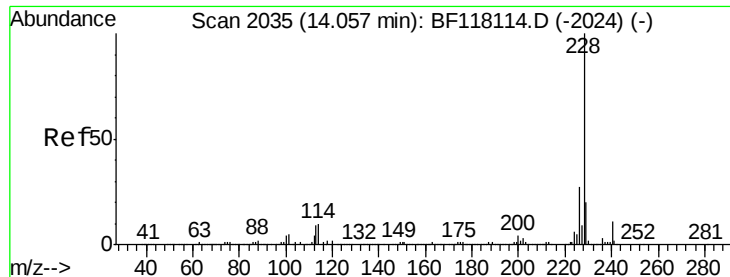


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.302 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

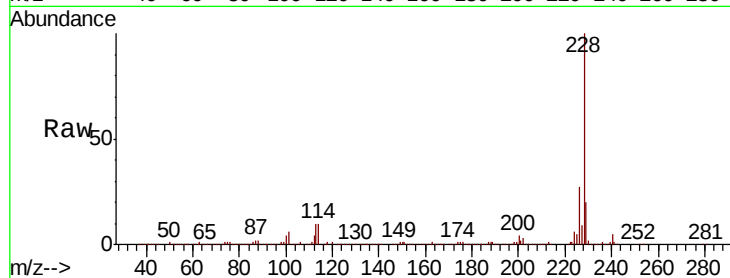
Tot Ion:228 Resp: 1044775

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.9	15.8	23.8

228 100

226 27.2 21.8 32.8

229 19.9 15.8 23.8

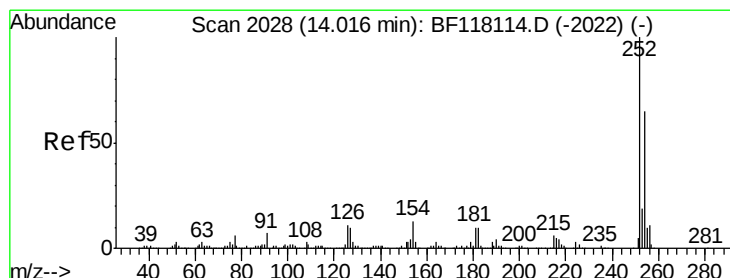
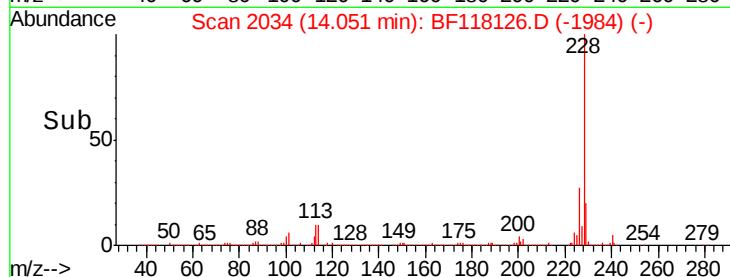
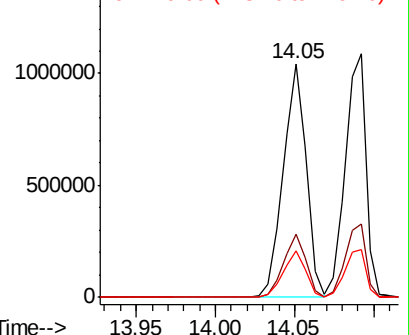


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.444 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

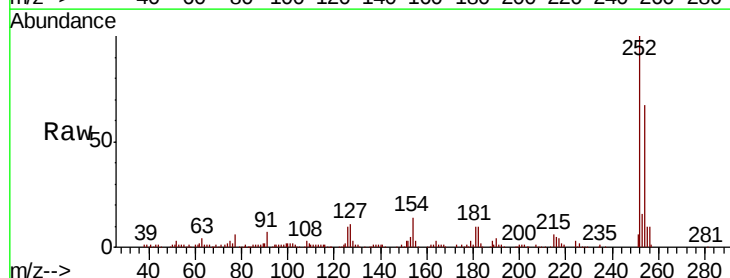
Tgt Ion:252 Resp: 135109

Ion	Ratio	Lower	Upper
252	100		
254	67.0	52.2	78.4
126	10.4	8.6	13.0

252 100

254 67.0 52.2 78.4

126 10.4 8.6 13.0

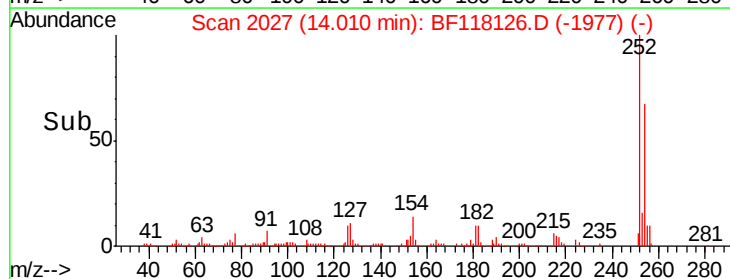
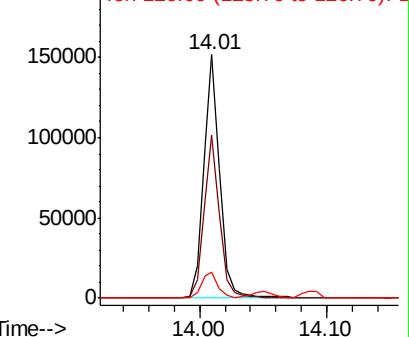


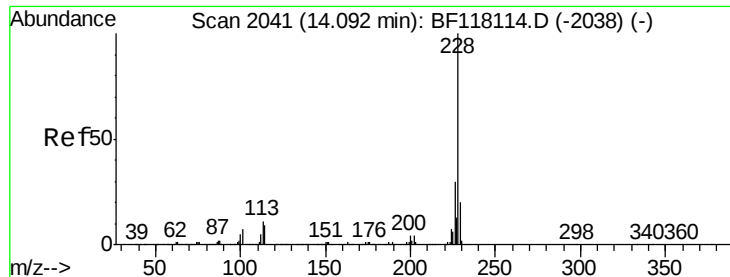
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

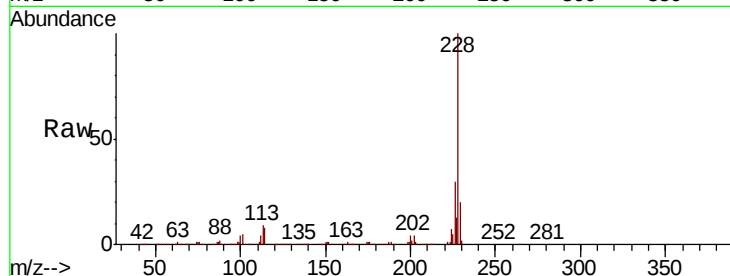




#83
Chrysene
Concen: 44.193 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	19.7	15.7	23.5

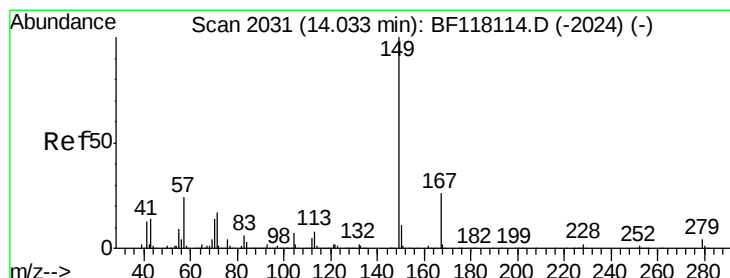
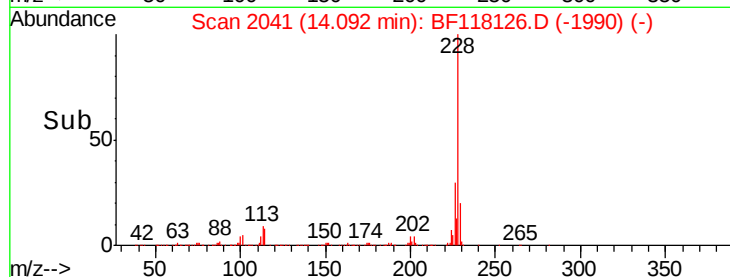
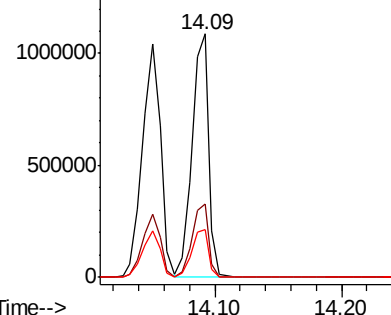


Abundance

Ion 228.00 (227.70 to 228.70): E

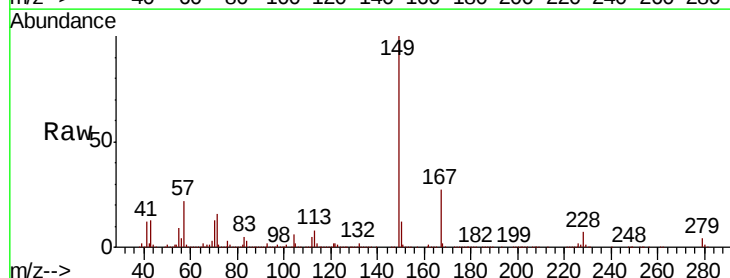
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.910 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.8	31.2
279	4.3	2.9	4.3#

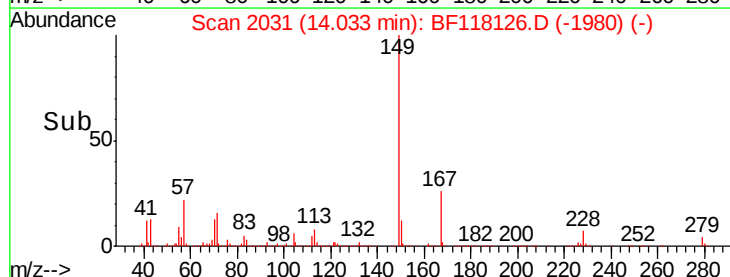
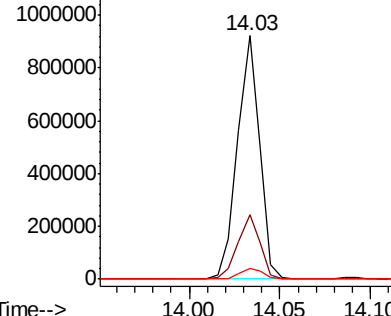


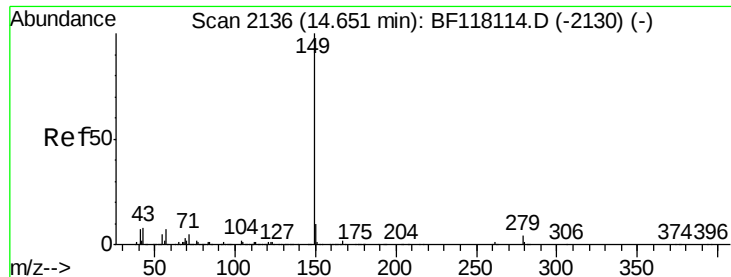
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.444 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

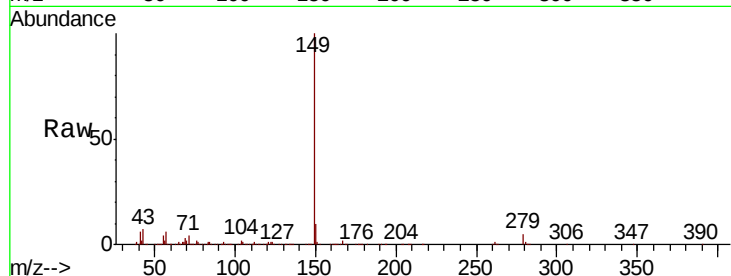
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1202150

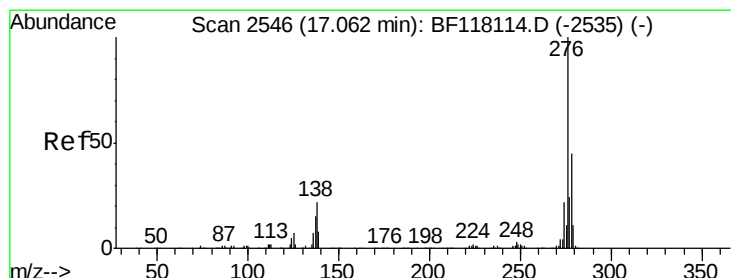
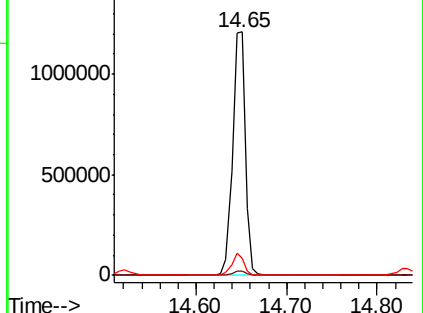
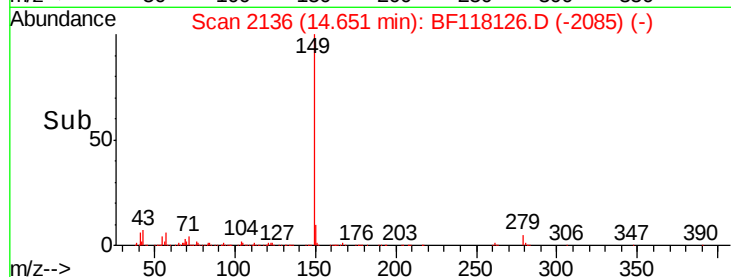
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.5	9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.985 ng

RT: 17.06 min Scan# 2546

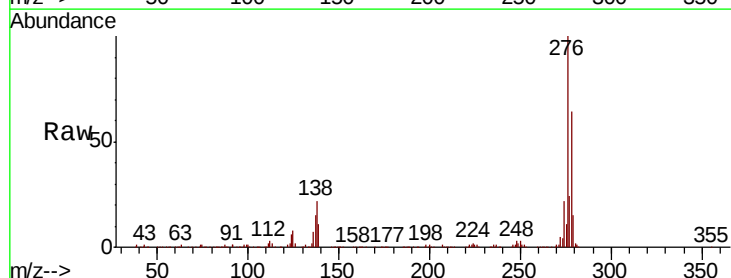
Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Tgt Ion:276 Resp: 928491

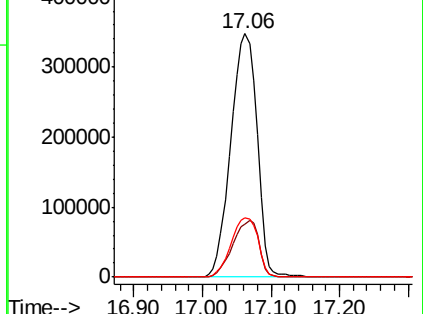
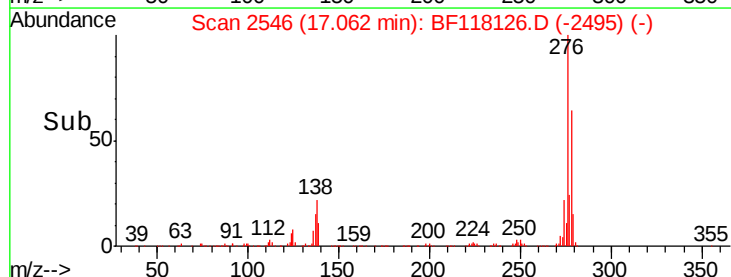
Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.9	28.3
277	25.2	20.4	30.6

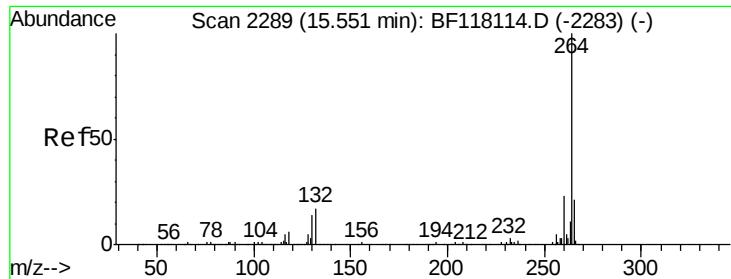


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

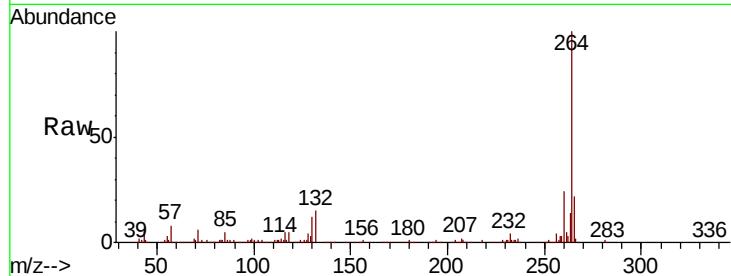




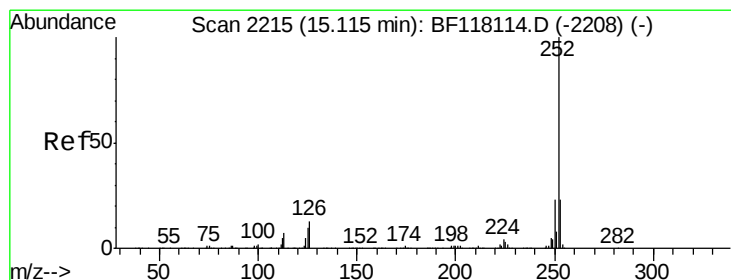
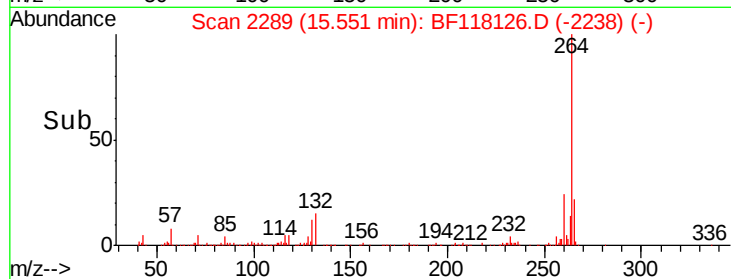
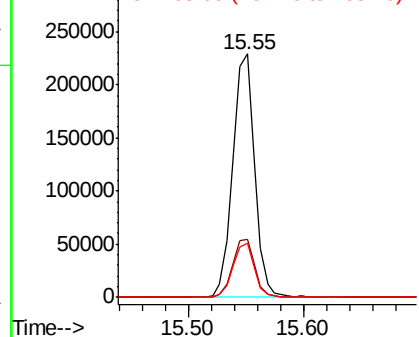
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 301551
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.1 16.8 25.2

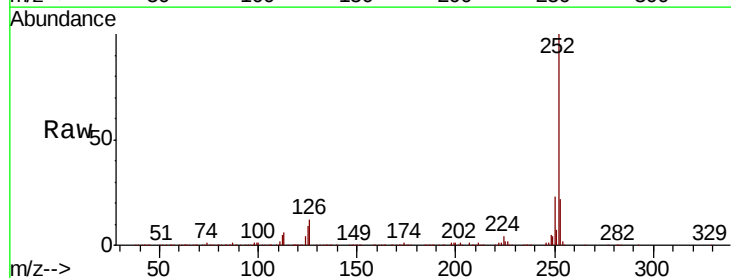


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

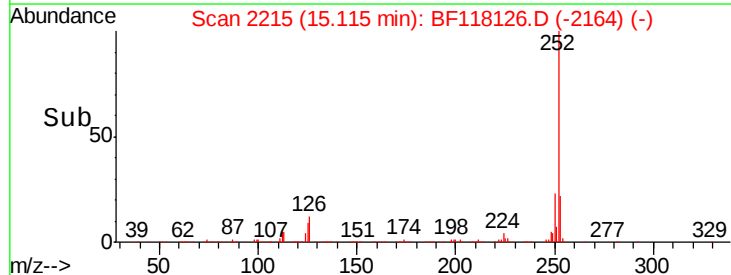
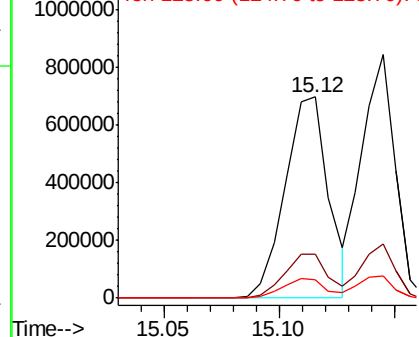


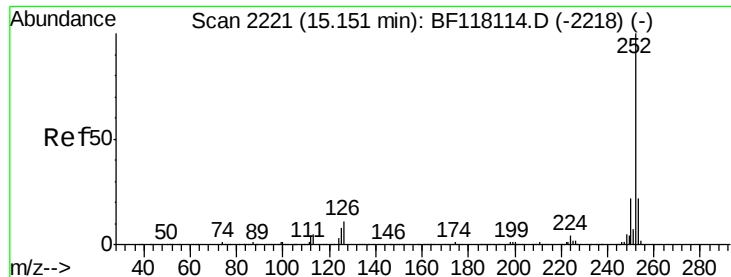
#88
Benzo(b)fluoranthene
Concen: 45.717 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:252 Resp: 911753
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 8.9 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

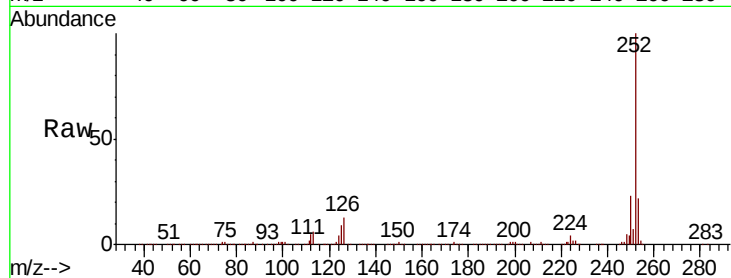




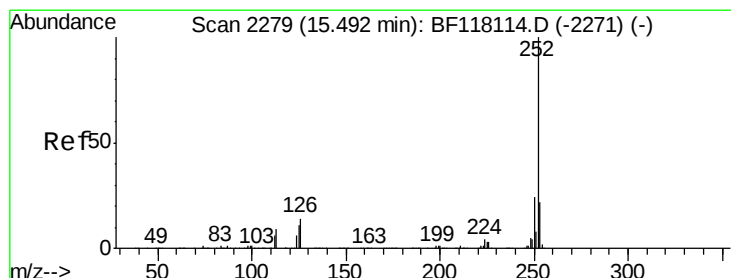
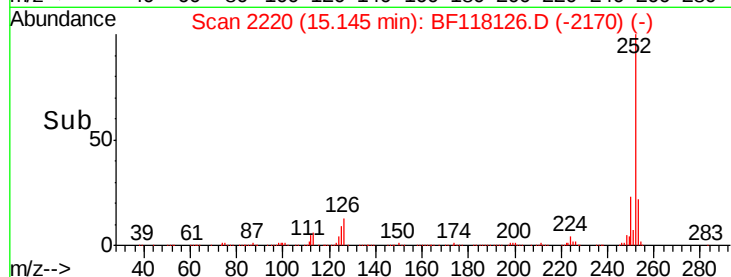
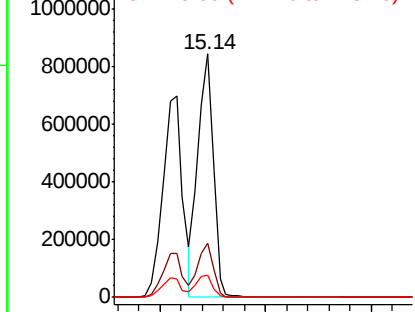
#89
Benzo(k)fluoranthene
Concen: 44.534 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 853239
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.3 6.7 10.1

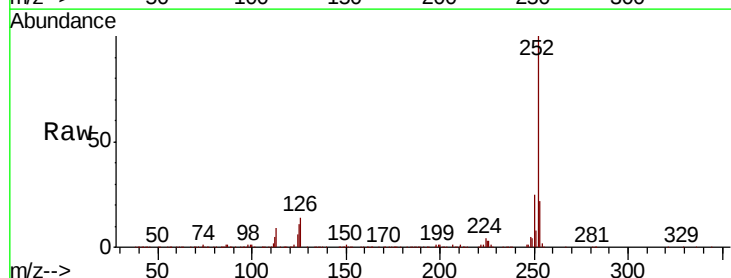


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

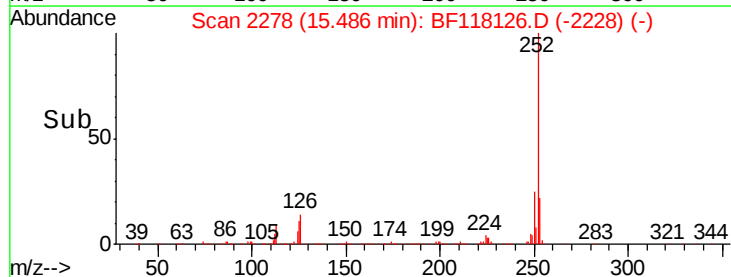
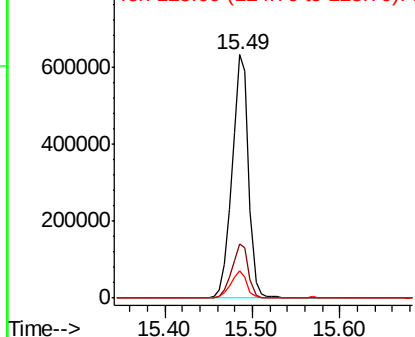


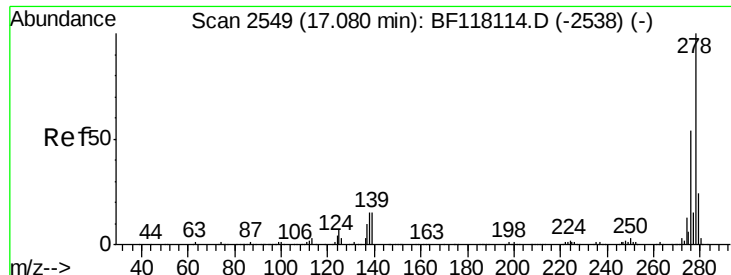
#90
Benzo(a)pyrene
Concen: 46.180 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:252 Resp: 813408
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.3 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



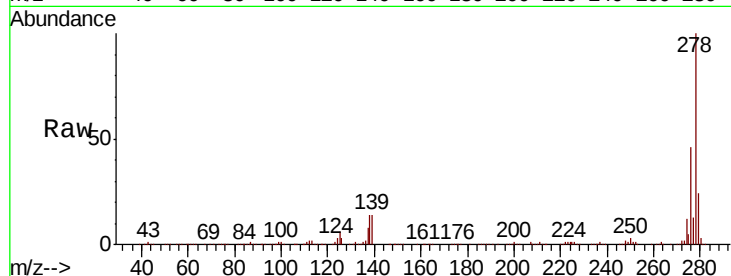


#91
Dibenzo(a,h)anthracene
Concen: 51.034 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

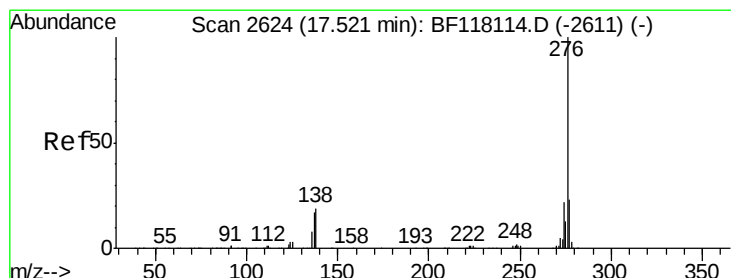
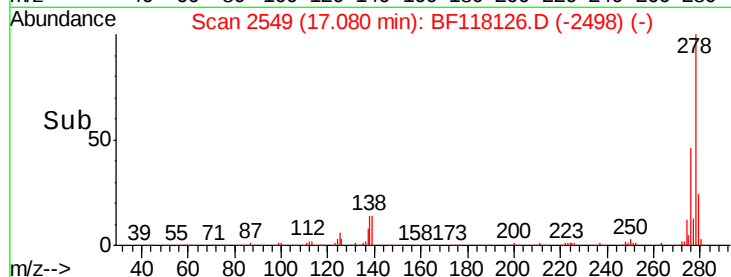
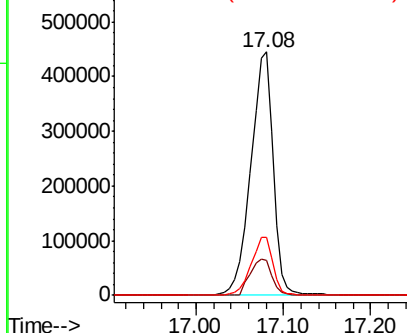
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 771000

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.7	17.5
279	23.9	19.0	28.4



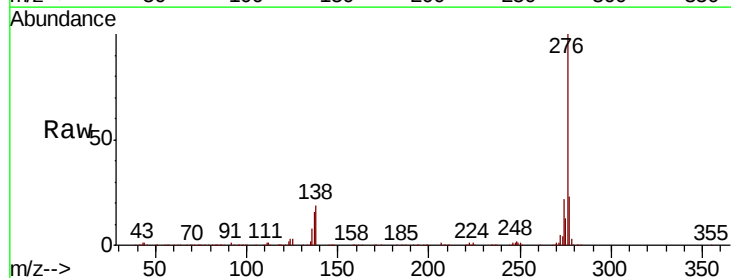
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.996 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:276 Resp: 769373

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.2	27.4
138	19.3	15.5	23.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

