

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118131.D
 Acq On : 7 Dec 2019 16:12
 Operator : JU
 Sample : K6141-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:43:57 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	118959	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	489401	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	267881	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	527830	20.00	ng	0.00
76) Chrysene-d12	14.06	240	348273	20.00	ng	0.00
87) Perylene-d12	15.54	264	316806	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	652131	96.01	ng	0.00
7) Phenol-d6	6.50	99	831831	101.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	492966	56.67	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	293980	90.34	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	964897	54.81	ng	0.00
79) Terphenyl-d14	13.00	244	1291581	63.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	107173	37.423	ng	98
3) Pyridine	3.42	79	268727	36.370	ng	99
4) n-Nitrosodimethylamine	3.37	42	137049	43.117	ng	94
6) Aniline	6.53	93	224547	21.368	ng	99
8) 2-Chlorophenol	6.65	128	351807	45.937	ng	97
9) Benzaldehyde	6.42	77	118000	24.019	ng	98
10) Phenol	6.51	94	428547	45.742	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	297223	43.865	ng	99
12) 1,3-Dichlorobenzene	6.81	146	370449	41.407	ng	96
13) 1,4-Dichlorobenzene	6.89	146	384979	42.734	ng	98
14) 1,2-Dichlorobenzene	7.04	146	358970	42.431	ng	99
15) Benzyl Alcohol	7.01	79	292045	45.542	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	341891	41.965	ng	99
17) 2-Methylphenol	7.12	107	281082	46.145	ng	96
18) Hexachloroethane	7.38	117	139993	42.173	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	219813	44.034	ng	100
20) 3+4-Methylphenols	7.27	107	353581	46.213	ng	95
22) Acetophenone	7.27	105	474785	40.381	ng	99
24) Nitrobenzene	7.45	77	345507	40.425	ng	100
25) Isophorone	7.69	82	613793	41.621	ng	100
26) 2-Nitrophenol	7.77	139	194122	42.494	ng	96
27) 2,4-Dimethylphenol	7.80	122	297677	48.851	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	386798	40.140	ng	99
29) 2,4-Dichlorophenol	8.01	162	301705	42.472	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	323281	38.941	ng	99
31) Naphthalene	8.17	128	1015842	41.330	ng	99
32) Benzoic acid	7.93	122	202478	36.802	ng	94
33) 4-Chloroaniline	8.22	127	76042	7.165	ng	97
34) Hexachlorobutadiene	8.29	225	188293	37.824	ng	99
35) Caprolactam	8.60	113	55272	25.231	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	326779	43.713	ng	99
37) 2-Methylnaphthalene	8.87	142	705303	42.386	ng	98
38) 1-Methylnaphthalene	8.97	142	659473	42.209	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	317008	39.064	ng	98

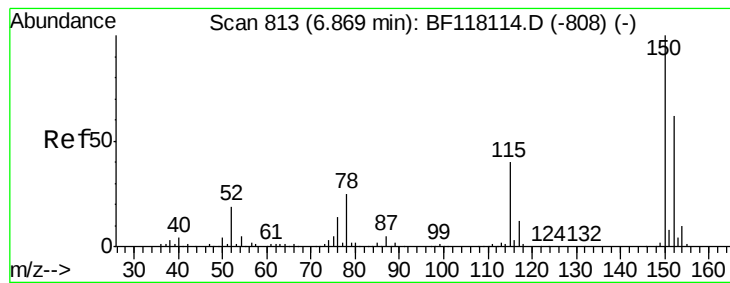
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	330715	90.957	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	222490	41.063	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	240573	42.856	ng	96
46) 1,1'-Biphenyl	9.33	154	863458	40.869	ng	99
47) 2-Chloronaphthalene	9.36	162	668265	39.321	ng	100
48) 2-Nitroaniline	9.46	65	192824	39.786	ng	97
49) Acenaphthylene	9.78	152	1076527	42.947	ng	100
50) Dimethylphthalate	9.64	163	896840	45.325	ng	99
51) 2,6-Dinitrotoluene	9.70	165	182563	42.432	ng	97
52) Acenaphthene	9.95	154	617921	40.387	ng	99
53) 3-Nitroaniline	9.87	138	100084	19.766	ng	98
54) 2,4-Dinitrophenol	9.98	184	117826	55.044	ng	# 90
55) Dibenzofuran	10.12	168	949117	42.336	ng	100
56) 4-Nitrophenol	10.04	139	295983	84.231	ng	96
57) 2,4-Dinitrotoluene	10.11	165	251390	43.775	ng	91
58) Fluorene	10.47	166	752404	42.232	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	202441	43.712	ng	99
60) Diethylphthalate	10.34	149	810024	41.550	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	366486	40.884	ng	95
62) 4-Nitroaniline	10.49	138	203609	38.556	ng	98
63) Azobenzene	10.62	77	705911	42.417	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	101943	34.972	ng	93
66) n-Nitrosodiphenylamine	10.58	169	675342	40.972	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	236493	39.250	ng	95
68) Hexachlorobenzene	11.02	284	272382	38.408	ng	# 92
69) Atrazine	11.10	200	210837	49.840	ng	98
70) Pentachlorophenol	11.22	266	276397	82.875	ng	99
71) Phenanthrene	11.43	178	1154987	41.163	ng	99
72) Anthracene	11.49	178	1194377	42.670	ng	99
73) Carbazole	11.64	167	1056309	42.061	ng	100
74) Di-n-butylphthalate	11.97	149	1309959	41.678	ng	99
75) Fluoranthene	12.63	202	1206777	42.066	ng	98
77) Benzidine	12.74	184	331744	36.184	ng	97
78) Pyrene	12.86	202	1229088	44.783	ng	99
80) Butylbenzylphthalate	13.47	149	559433	45.008	ng	96
81) Benzo(a)anthracene	14.05	228	976783	40.561	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	134050	16.949	ng	100
83) Chrysene	14.09	228	945566	41.105	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	790359	48.223	ng	# 99
85) Di-n-octyl phthalate	14.64	149	1187015	47.810	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	899926	46.495	ng	100
88) Benzo(b)fluoranthene	15.11	252	871659	41.602	ng	99
89) Benzo(k)fluoranthene	15.14	252	774632	38.485	ng	99
90) Benzo(a)pyrene	15.49	252	772839	41.764	ng	100
91) Dibenzo(a,h)anthracene	17.07	278	753850	47.496	ng	100
92) Benzo(g,h,i)perylene	17.52	276	748738	49.091	ng	98

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

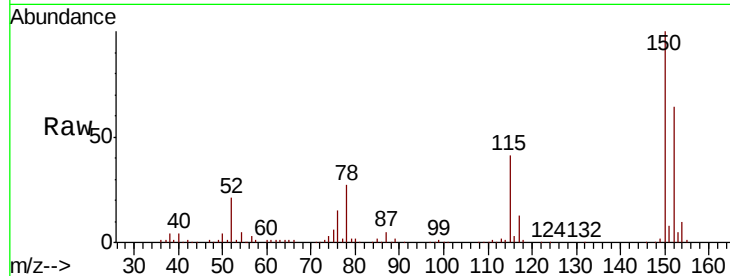


#1

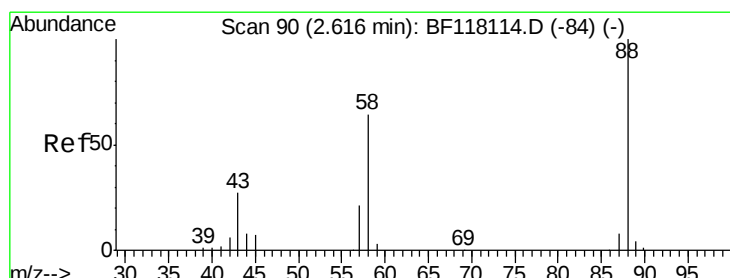
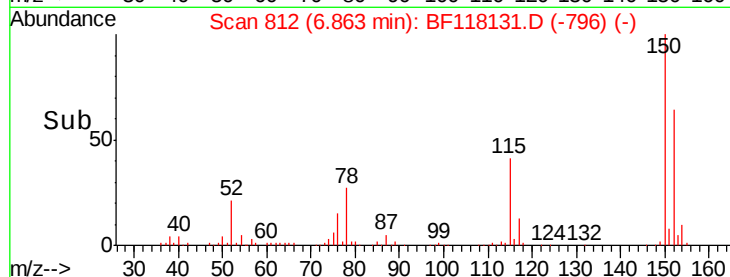
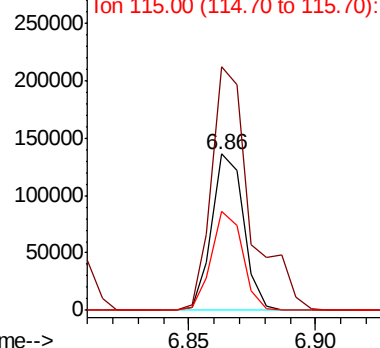
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118959
Ion Ratio Lower Upper
152 100
150 155.7 128.3 192.5
115 63.1 51.1 76.7



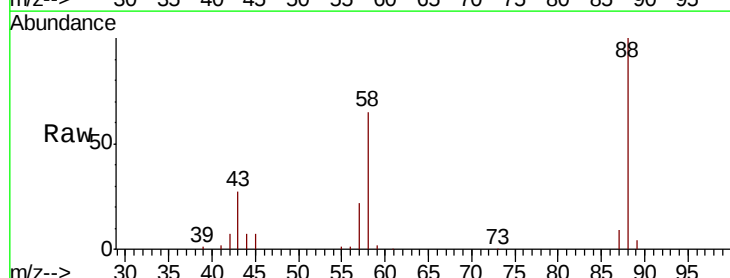
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



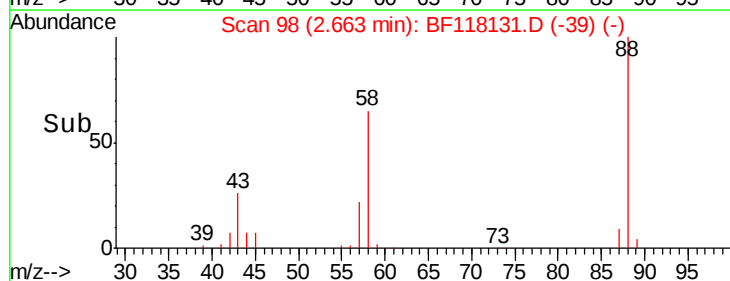
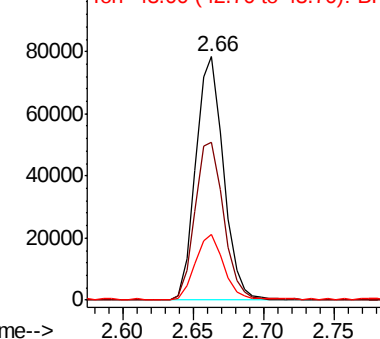
#2

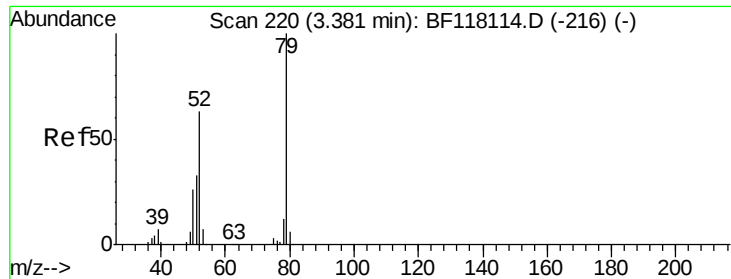
1,4-Dioxane
Concen: 37.423 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.05 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion: 88 Resp: 107173
Ion Ratio Lower Upper
88 100
58 67.0 52.2 78.4
43 28.5 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: 36.370 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.04 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampleId :

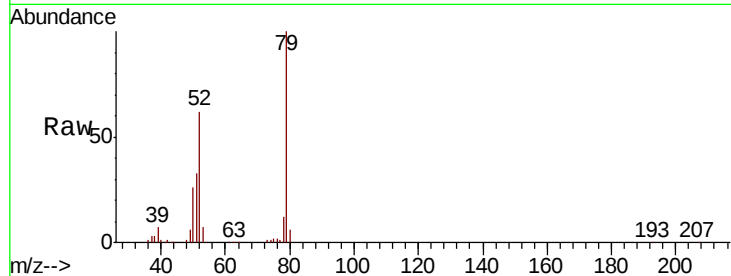
Tot Ion: 79 Resp: 268727

Ion Ratio Lower Upper

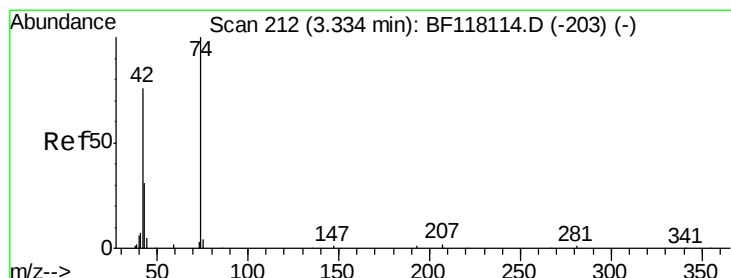
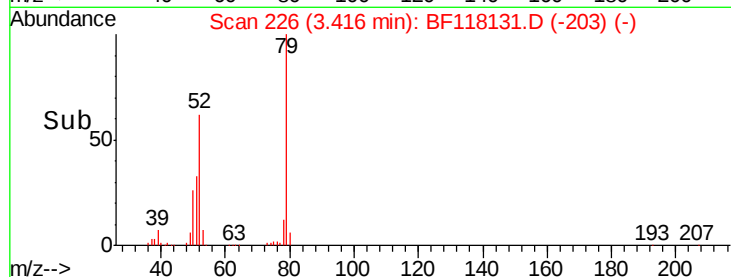
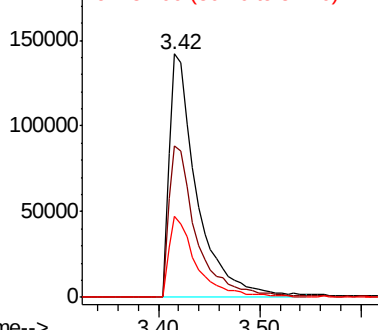
79 100

52 62.3 50.7 76.1

51 33.3 26.4 39.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.117 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.04 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

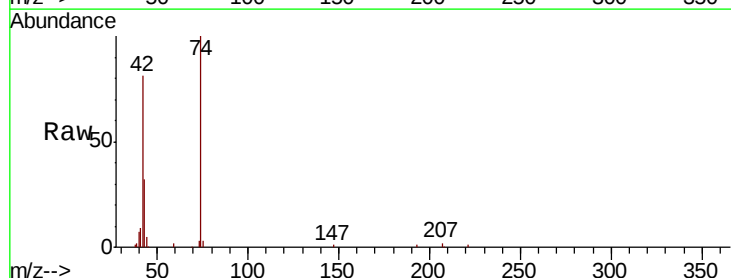
Tgt Ion: 42 Resp: 137049

Ion Ratio Lower Upper

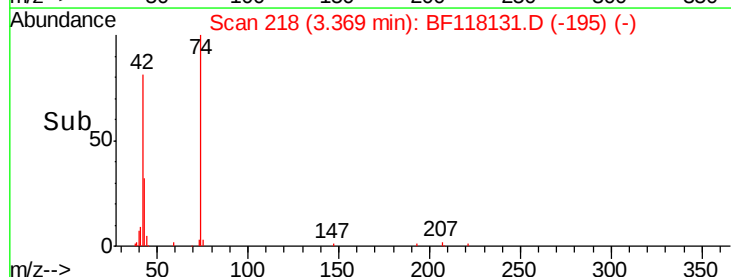
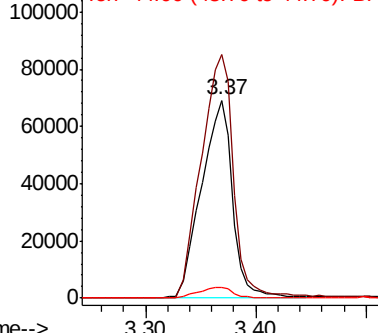
42 100

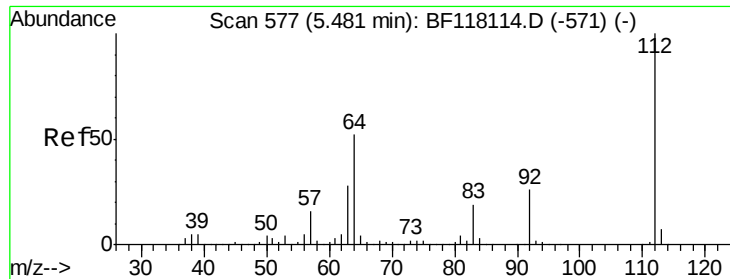
74 123.1 104.6 157.0

44 5.7 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 96.015 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampled :

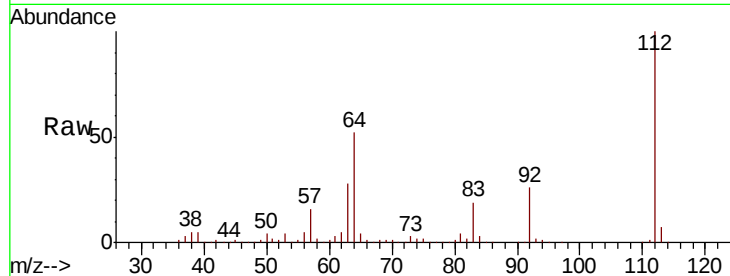
Tot Ion: 112 Resp: 652131

Ion Ratio Lower Upper

112 100

64 52.1 41.3 61.9

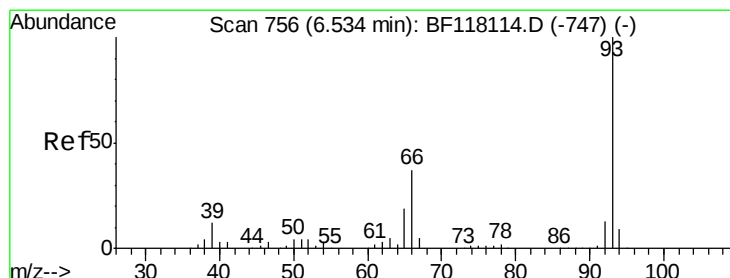
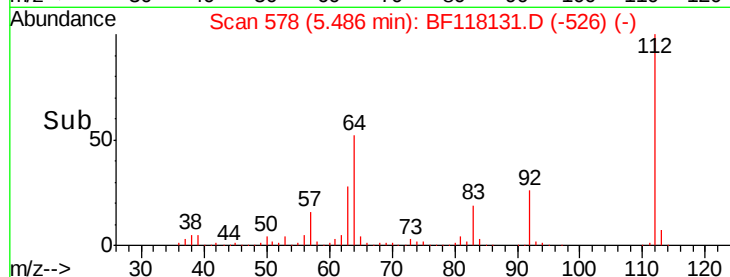
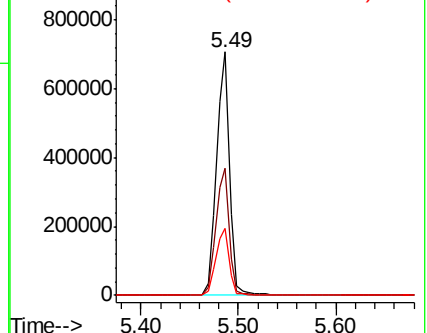
63 27.8 22.4 33.6



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: 21.368 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

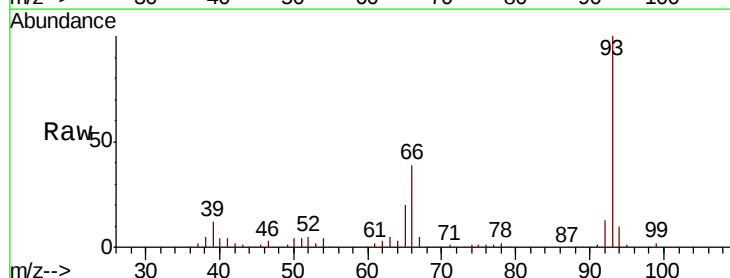
Tgt Ion: 93 Resp: 224547

Ion Ratio Lower Upper

93 100

66 38.5 30.2 45.2

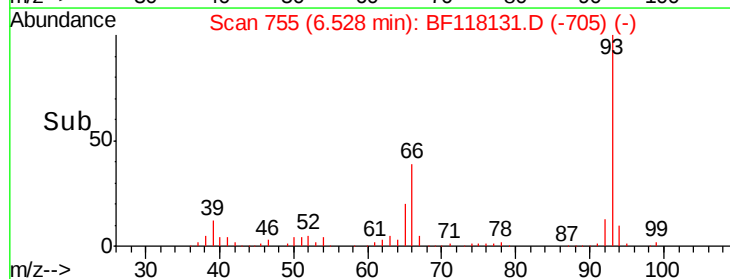
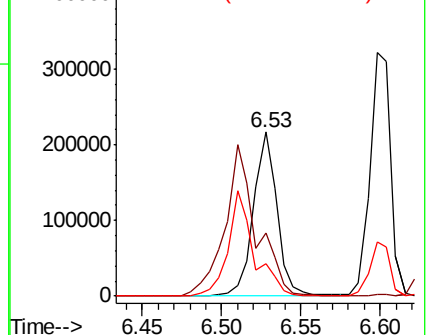
65 19.7 15.5 23.3

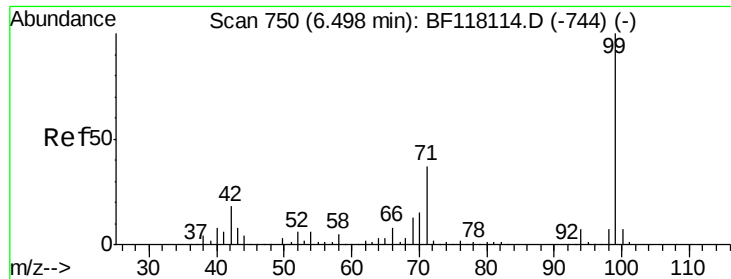


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.256 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampled :

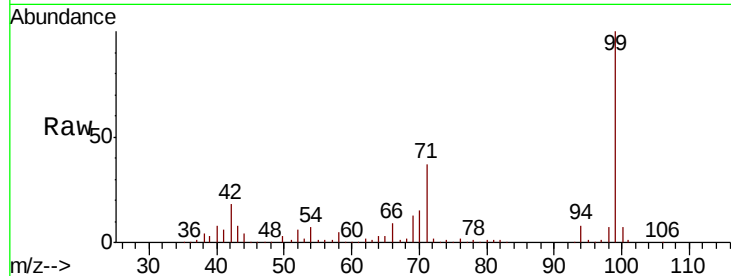
Tot Ion: 99 Resp: 831831

Ion Ratio Lower Upper

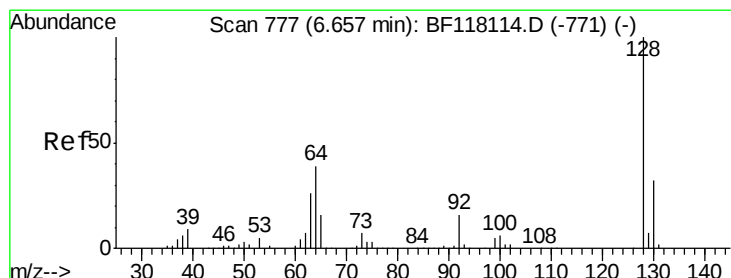
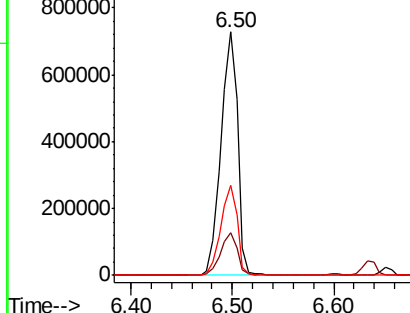
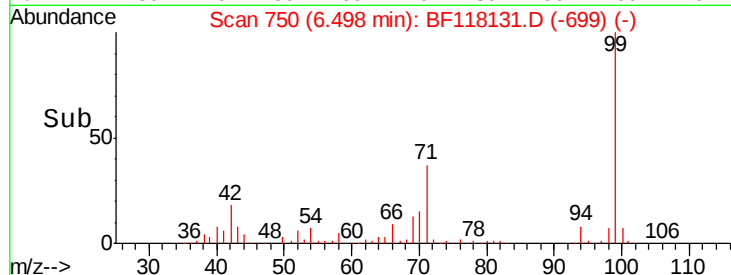
99 100

42 17.8 14.1 21.1

71 37.1 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: 45.937 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

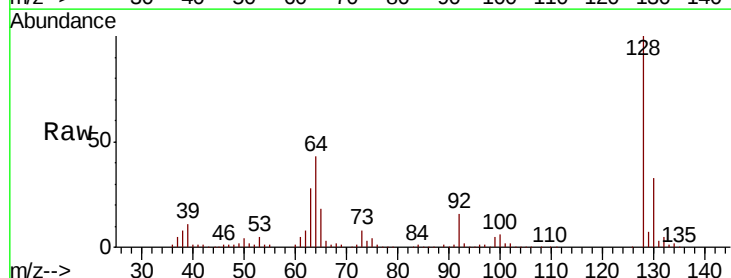
Tgt Ion:128 Resp: 351807

Ion Ratio Lower Upper

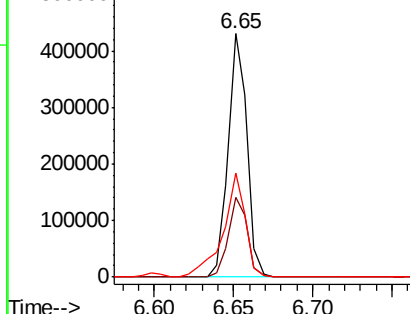
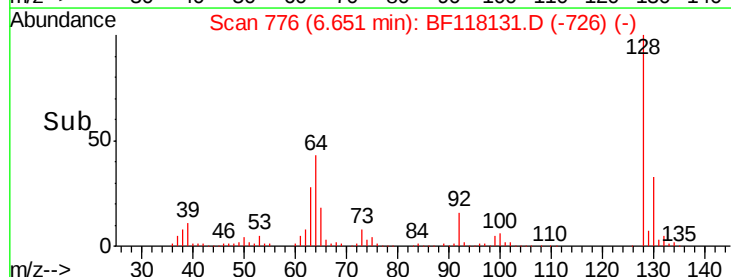
128 100

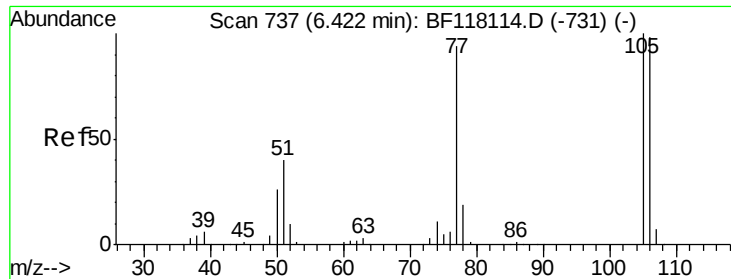
130 32.6 12.1 52.1

64 42.6 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: 24.019 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampleId :

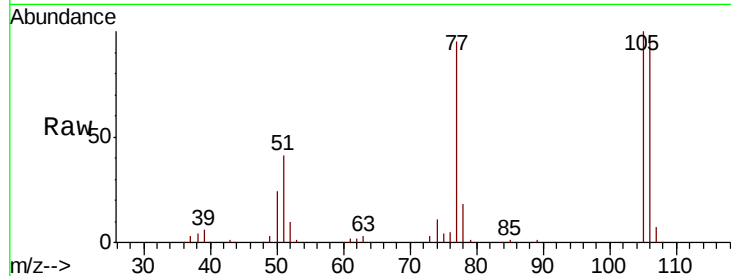
Tot Ion: 77 Resp: 118000

Ion Ratio Lower Upper

77 100

105 104.8 86.4 126.4

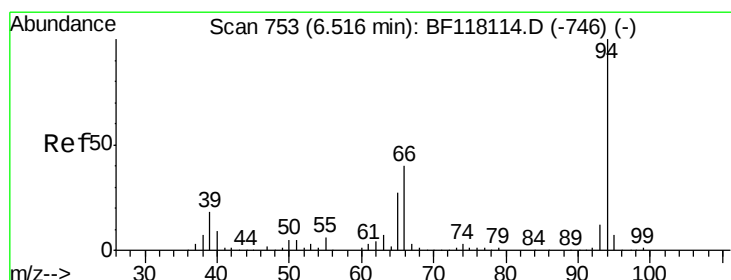
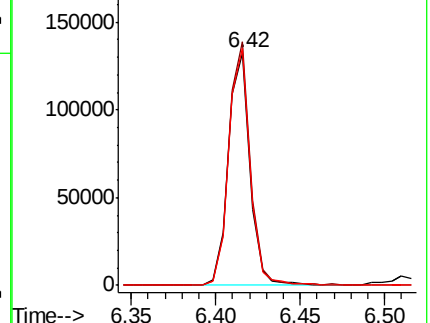
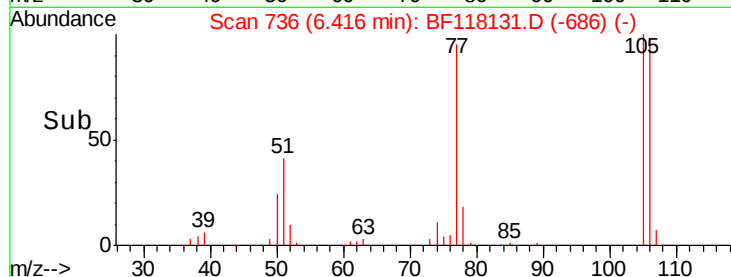
106 102.3 83.8 123.8



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: 45.742 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

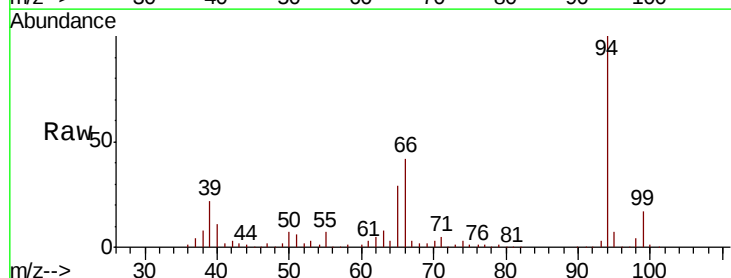
Tgt Ion: 94 Resp: 428547

Ion Ratio Lower Upper

94 100

65 28.9 7.3 47.3

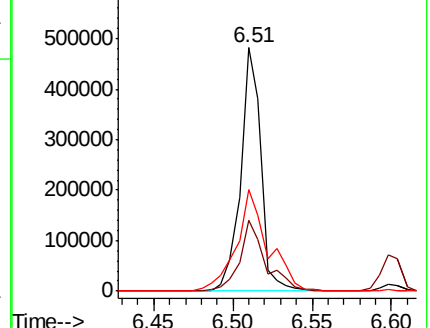
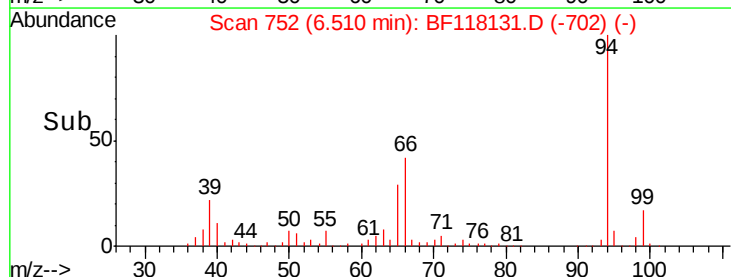
66 41.6 20.2 60.2

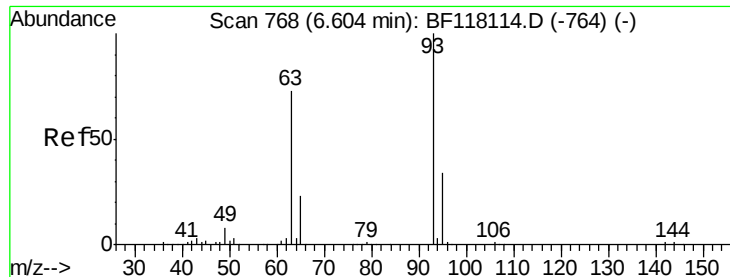


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.865 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampleId :

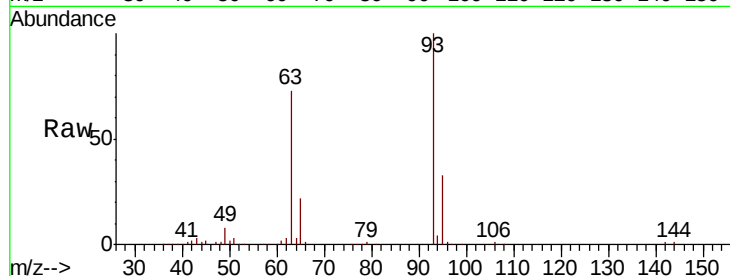
Tot Ion: 93 Resp: 297223

Ion Ratio Lower Upper

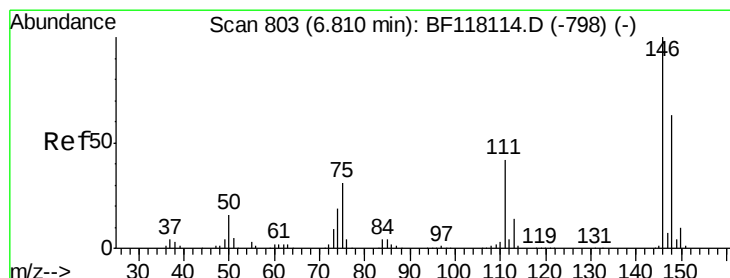
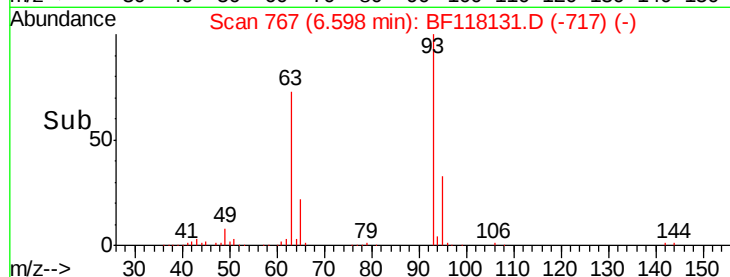
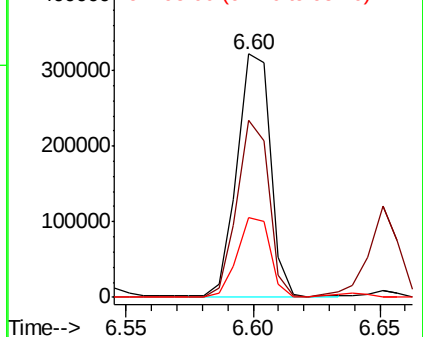
93 100

63 72.7 53.2 93.2

95 32.7 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: 41.407 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

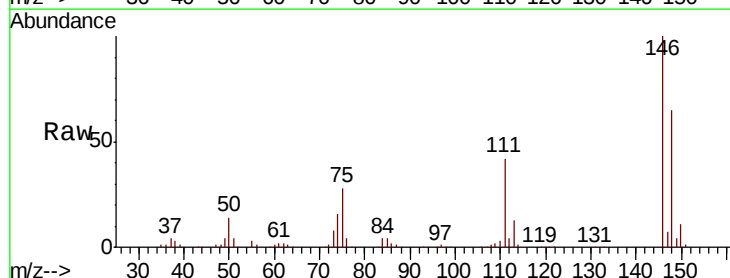
Tgt Ion: 146 Resp: 370449

Ion Ratio Lower Upper

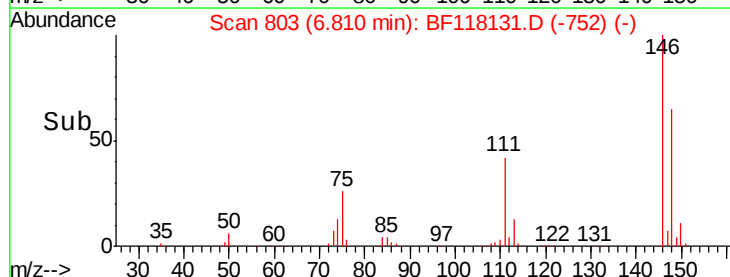
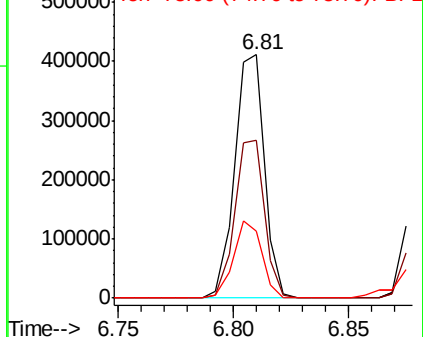
146 100

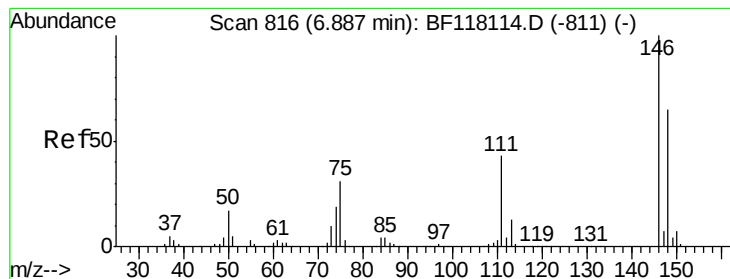
148 65.0 50.2 75.4

75 27.7 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: 42.734 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampleId :

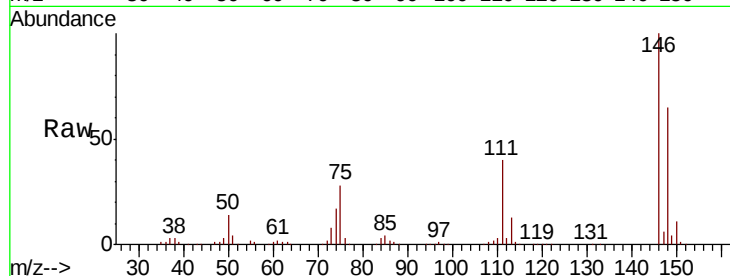
Tot Ion:146 Resp: 384979

Ion Ratio Lower Upper

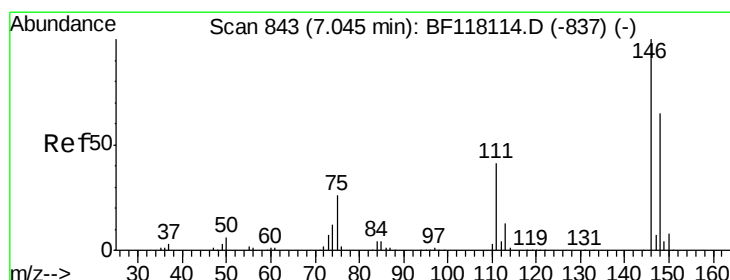
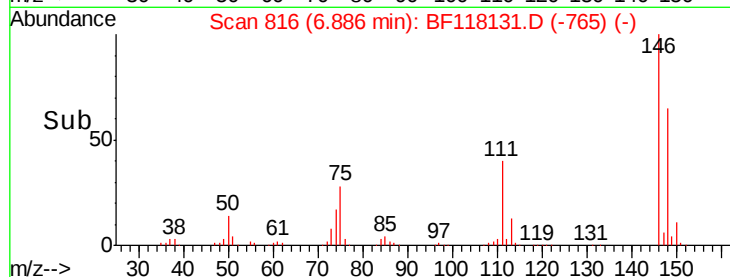
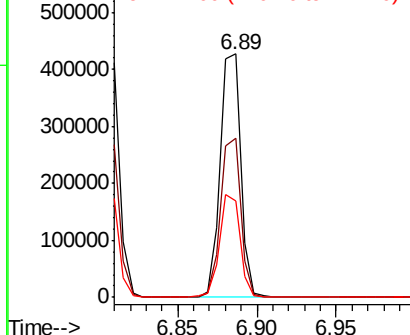
146 100

148 65.2 52.1 78.1

111 39.8 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.431 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

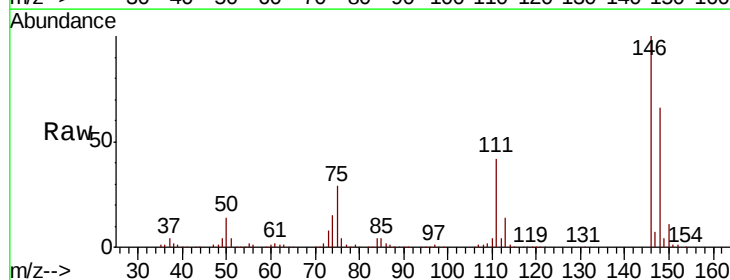
Tgt Ion:146 Resp: 358970

Ion Ratio Lower Upper

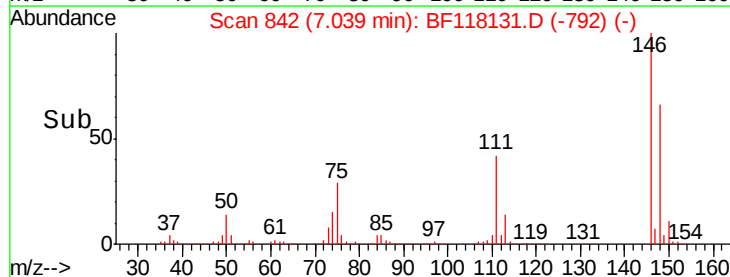
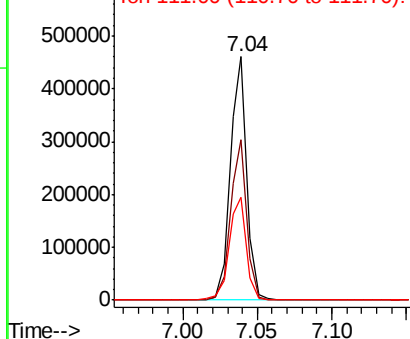
146 100

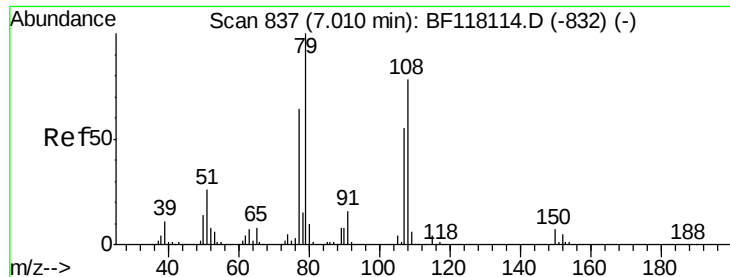
148 65.9 52.2 78.2

111 42.5 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.542 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampled :

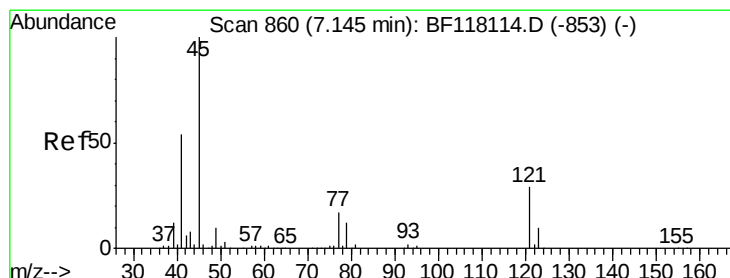
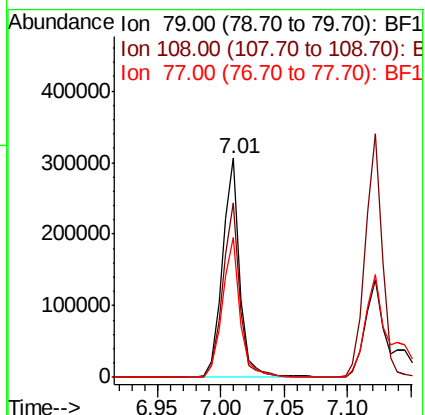
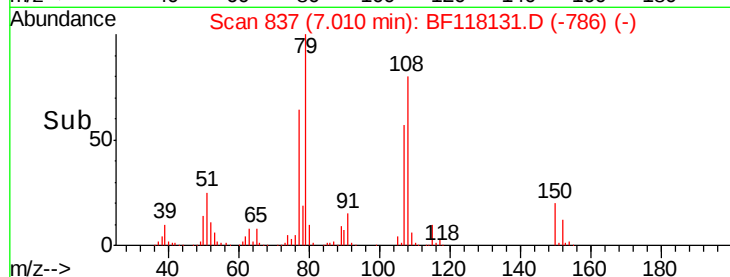
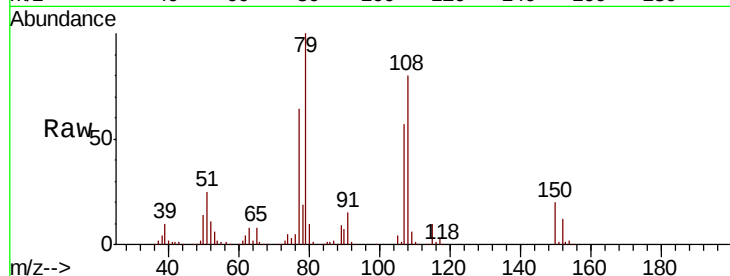
Tot Ion: 79 Resp: 292045

Ion Ratio Lower Upper

79 100

108 79.6 62.7 94.1

77 63.8 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.965 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

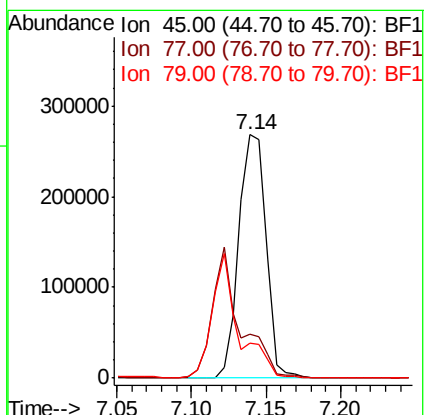
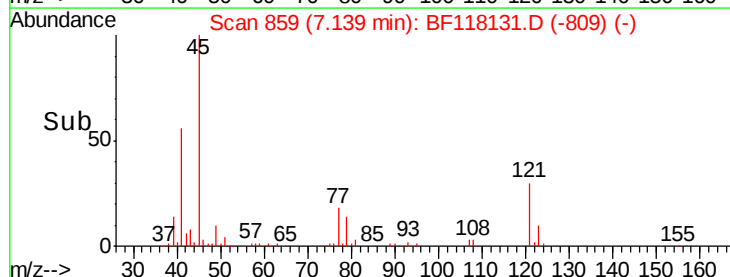
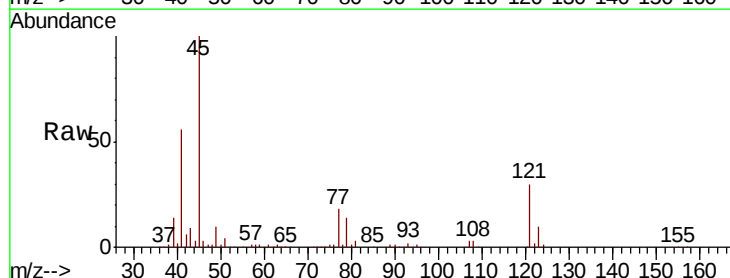
Tgt Ion: 45 Resp: 341891

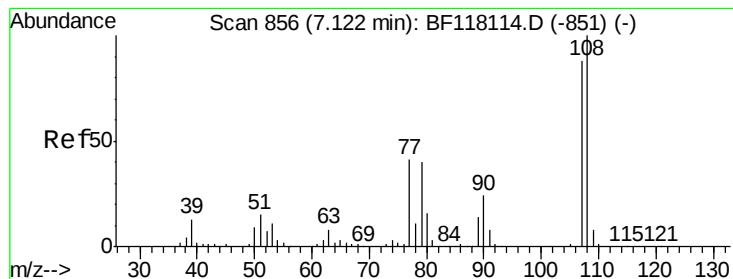
Ion Ratio Lower Upper

45 100

77 18.2 0.0 38.0

79 14.2 0.0 33.2

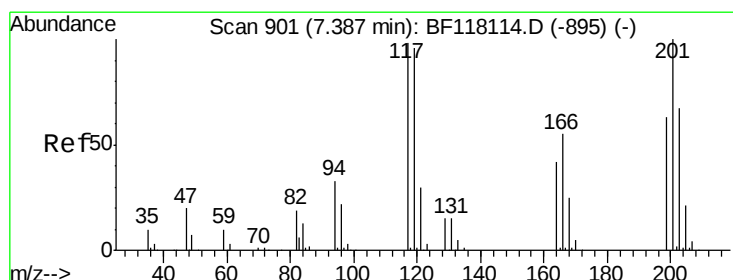
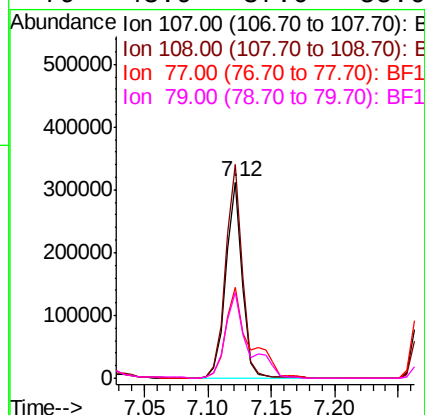
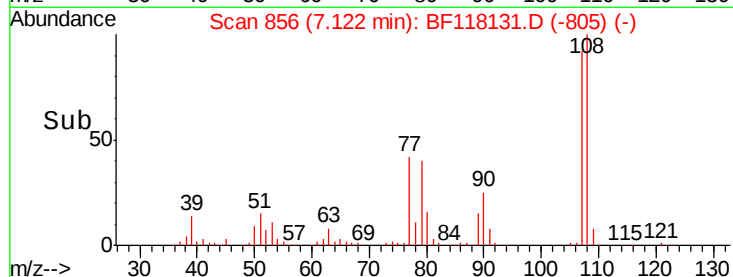
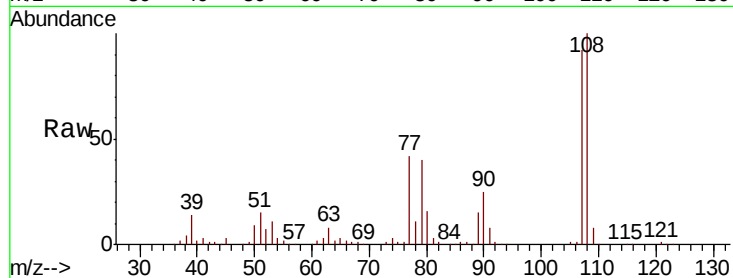




#17
2-Methylphenol
Concen: 46.145 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

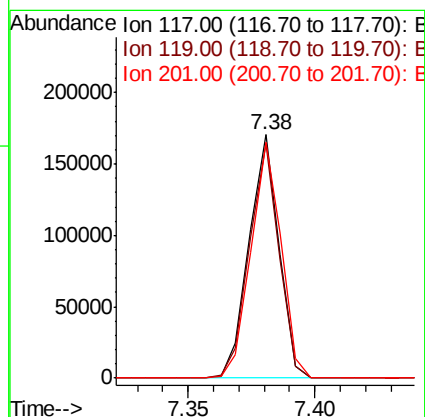
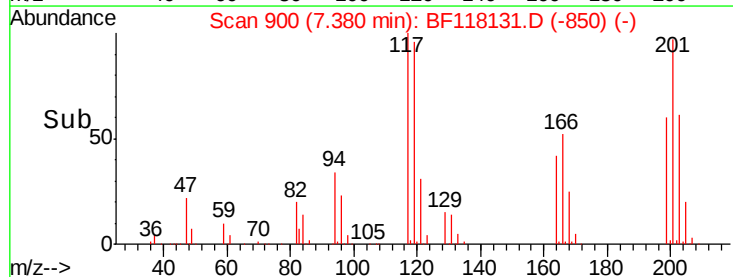
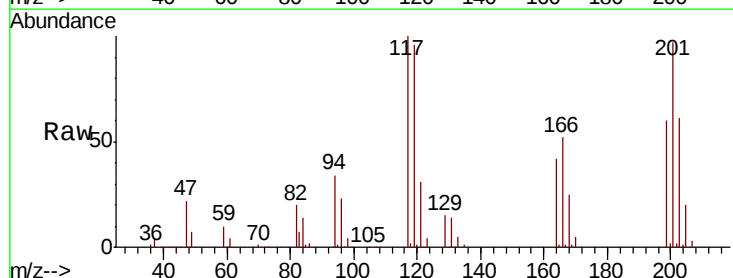
Instrument :
BNA_F
ClientSampleId :

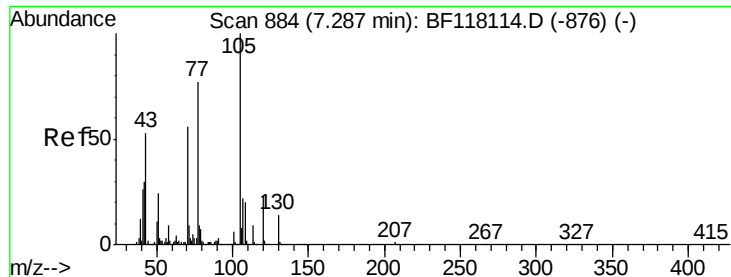
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	91.1	136.7
77	46.1	37.8	56.6
79	43.9	37.0	55.6



#18
Hexachloroethane
Concen: 42.173 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.2	117.4
201	96.8	81.6	122.4

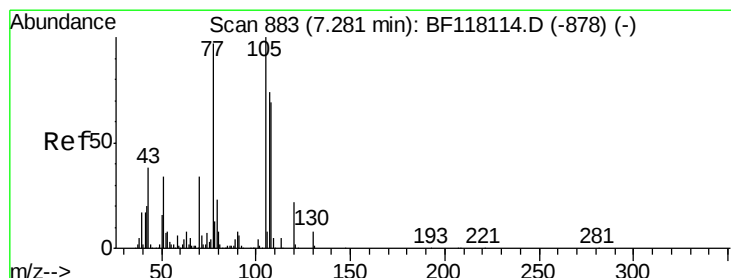
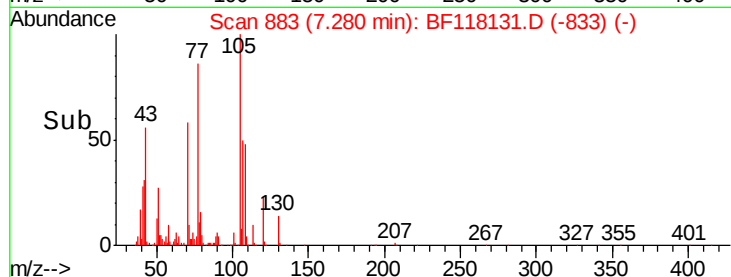
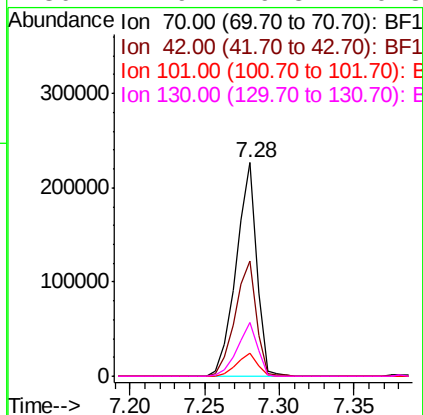
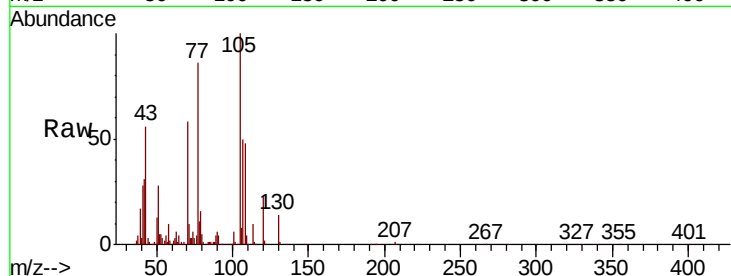




#19
n-Nitroso-di-n-propylamine
Concen: 44.034 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

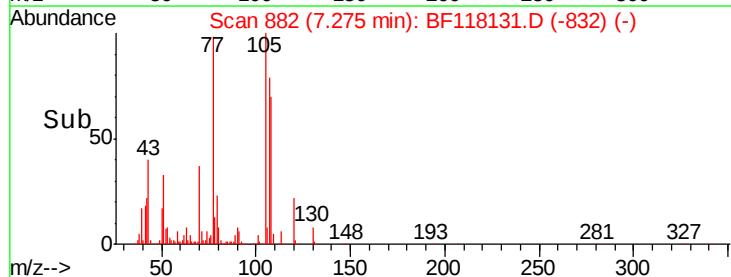
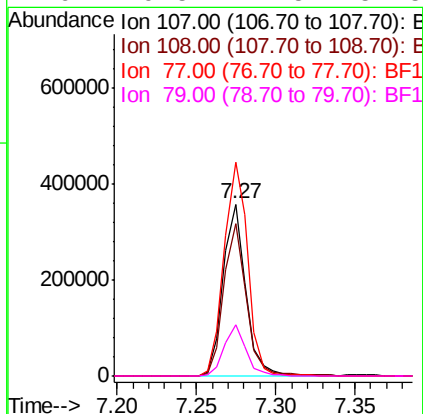
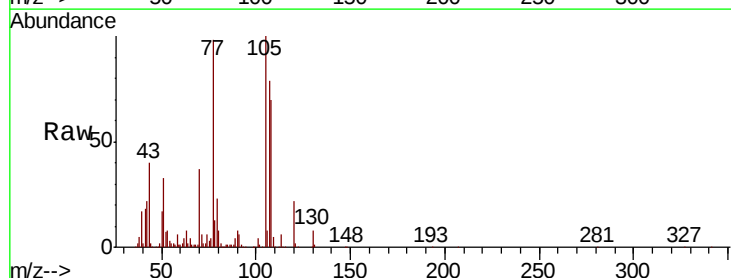
Instrument :
BNA_F
ClientSampleId :

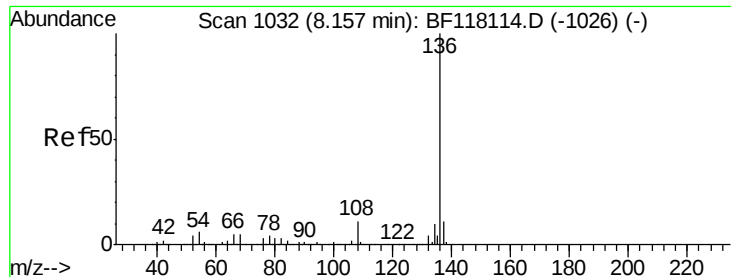
Tot Ion:	70	Resp:	219813
Ion	Ratio	Lower	Upper
70	100		
42	54.1	43.2	64.8
101	10.9	8.1	12.1
130	24.9	19.8	29.8



#20
3+4-Methylphenols
Concen: 46.213 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:	107	Resp:	353581
Ion	Ratio	Lower	Upper
107	100		
108	88.8	73.2	113.2
77	124.2	110.9	150.9
79	29.5	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: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 489401

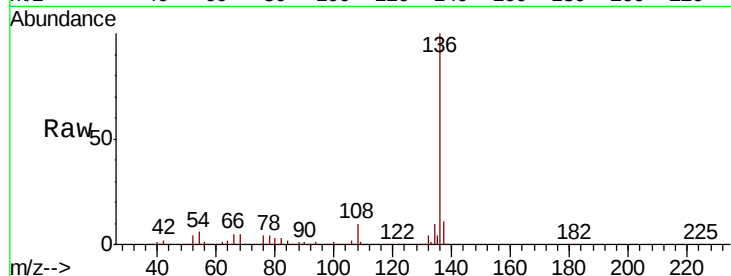
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.4 5.0 7.6

68 5.2 3.8 5.8



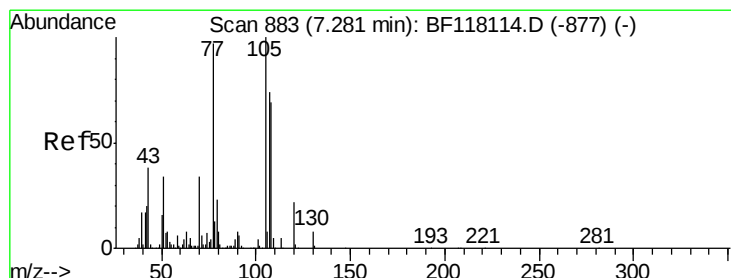
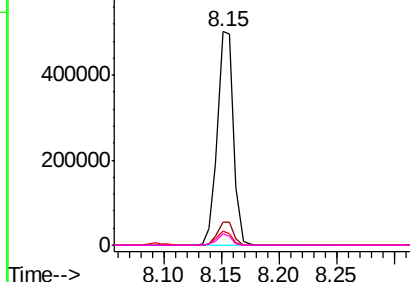
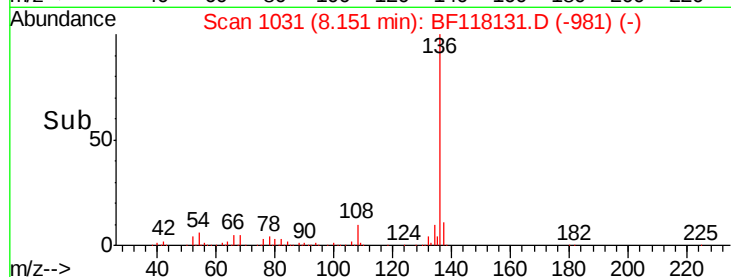
Abundance

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: 40.381 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Tgt Ion:105 Resp: 474785

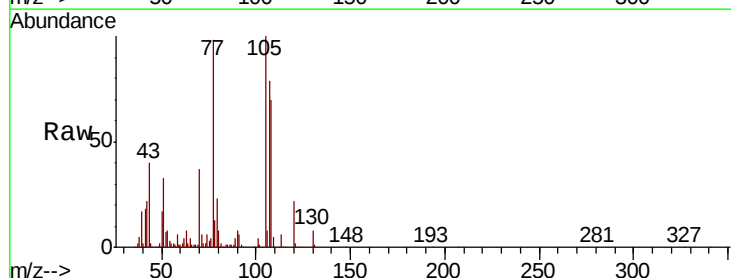
Ion Ratio Lower Upper

105 100

71 6.3 4.7 7.1

51 33.1 27.1 40.7

120 22.4 17.8 26.6



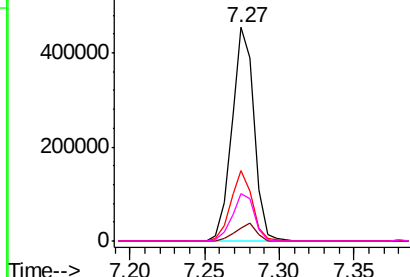
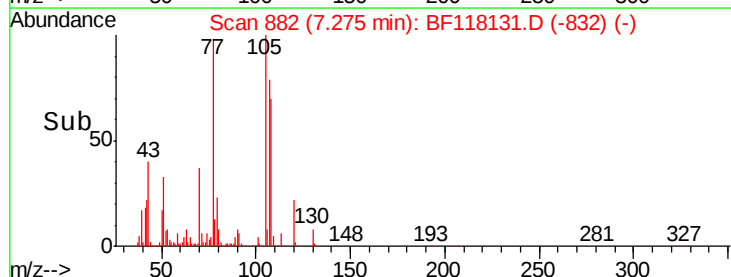
Abundance

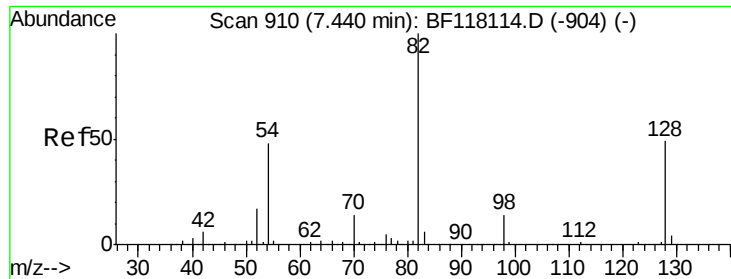
Ion 105.00 (104.70 to 105.70): E

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

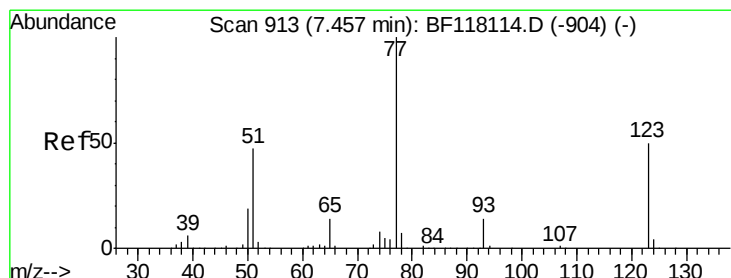
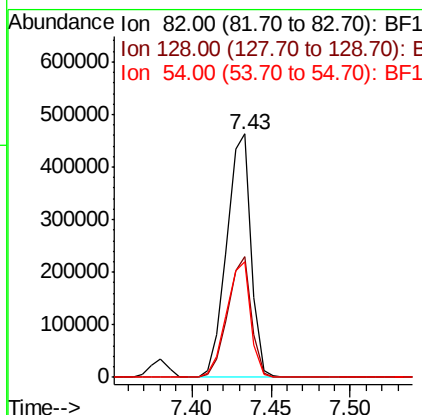
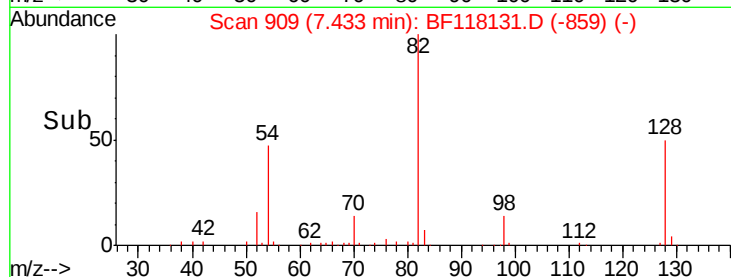
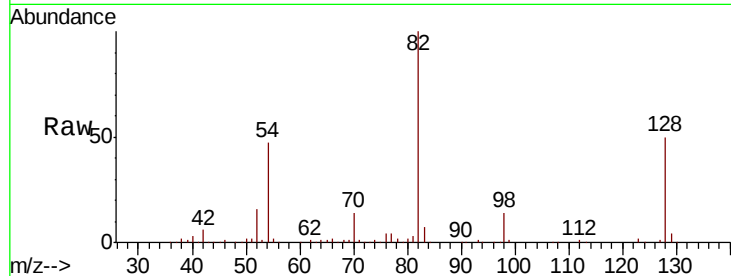




#23
 Nitrobenzene-d5
 Concen: 56.668 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118131.D
 Acq: 7 Dec 2019 16:12

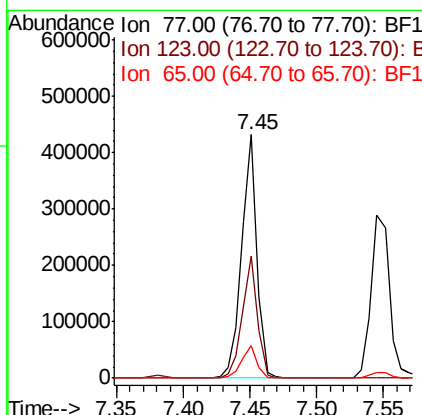
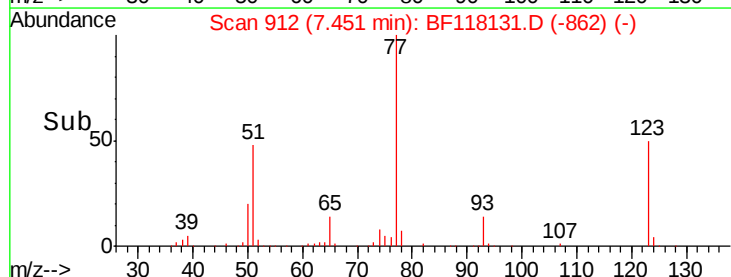
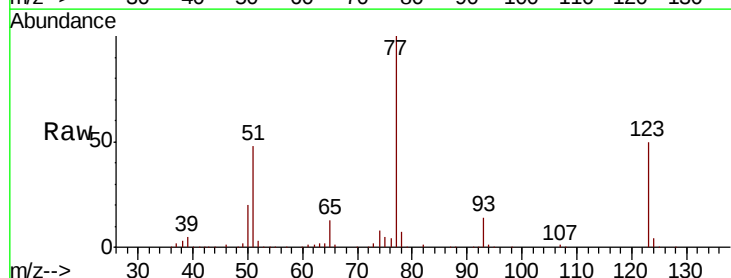
Instrument :
 BNA_F
 ClientSampleId :

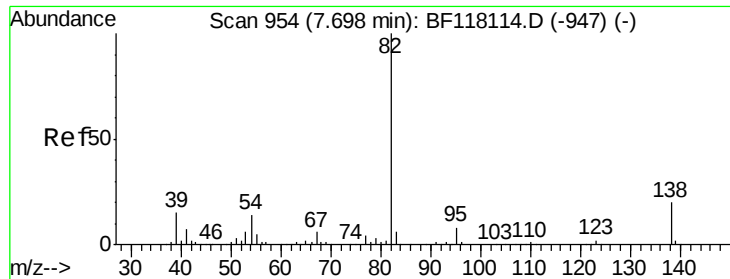
Tot Ion: 82 Resp: 492966
 Ion Ratio Lower Upper
 82 100
 128 49.8 39.1 58.7
 54 47.5 38.2 57.2



#24
 Nitrobenzene
 Concen: 40.425 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118131.D
 Acq: 7 Dec 2019 16:12

Tgt Ion: 77 Resp: 345507
 Ion Ratio Lower Upper
 77 100
 123 50.0 40.1 60.1
 65 13.5 10.9 16.3





#25

Isophorone

Concen: 41.621 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampleId :

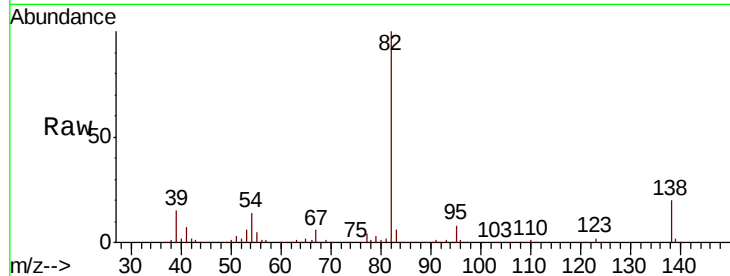
Tot Ion: 82 Resp: 613793

Ion Ratio Lower Upper

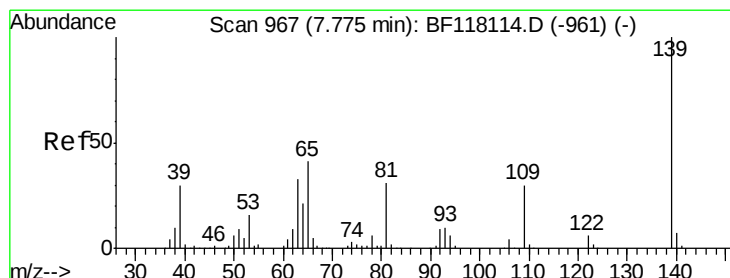
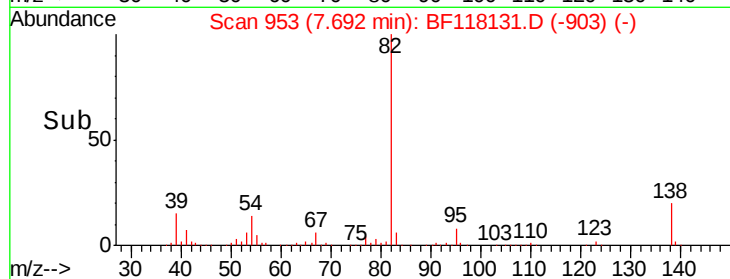
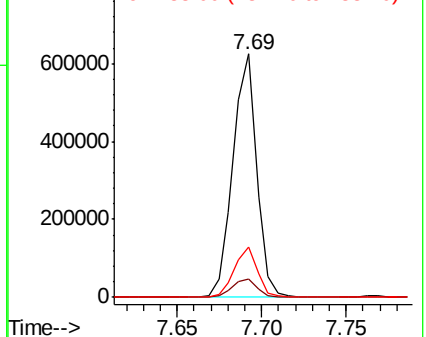
82 100

95 7.6 6.3 9.5

138 20.5 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: 42.494 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

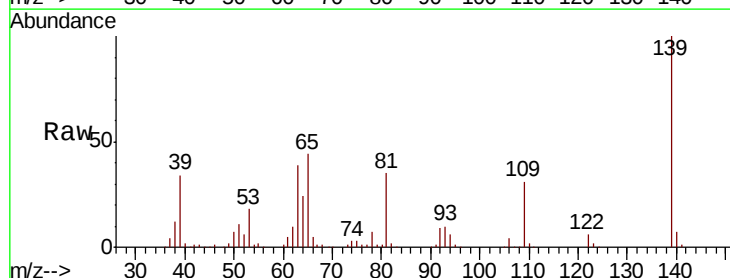
Tgt Ion: 139 Resp: 194122

Ion Ratio Lower Upper

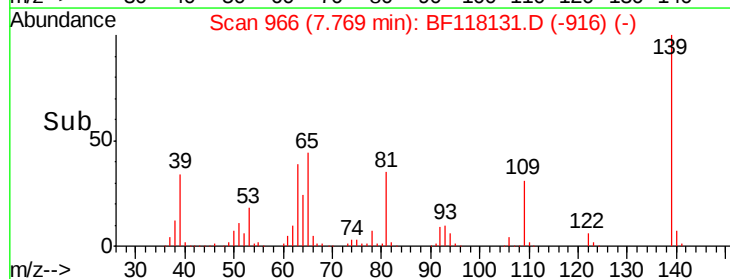
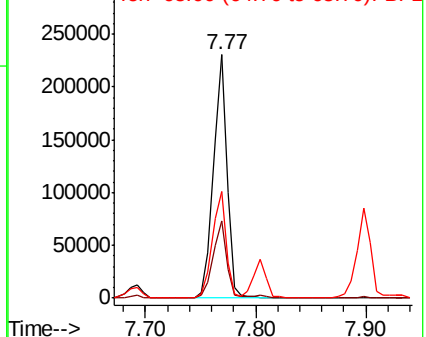
139 100

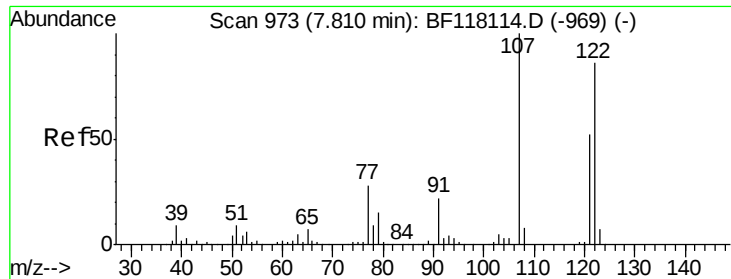
109 31.5 23.9 35.9

65 43.9 33.0 49.6



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.851 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampled :

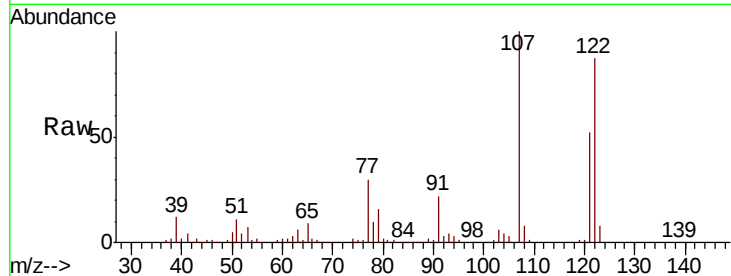
Tot Ion:122 Resp: 297677

Ion Ratio Lower Upper

122 100

107 114.9 92.9 139.3

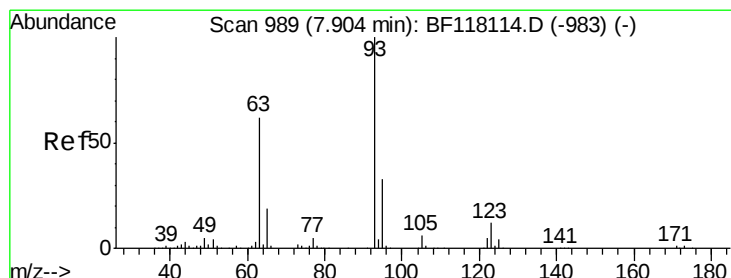
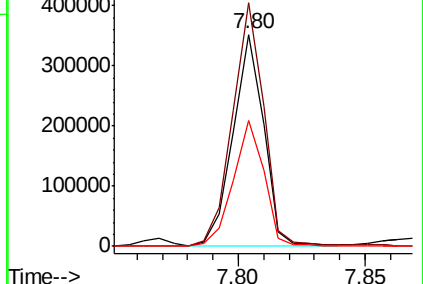
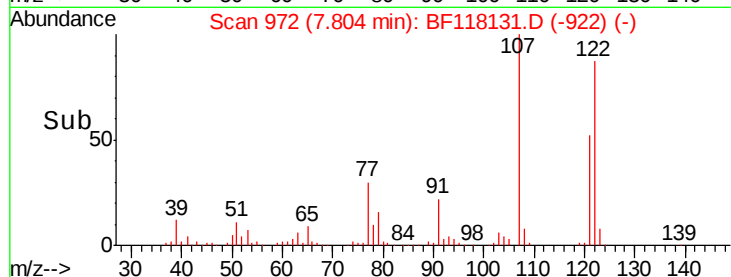
121 59.2 48.3 72.5



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: 40.140 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

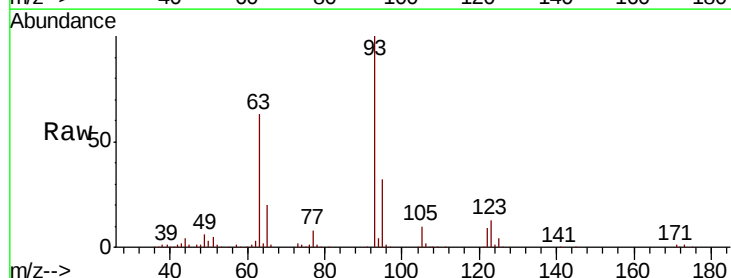
Tgt Ion: 93 Resp: 386798

Ion Ratio Lower Upper

93 100

95 32.5 26.7 40.1

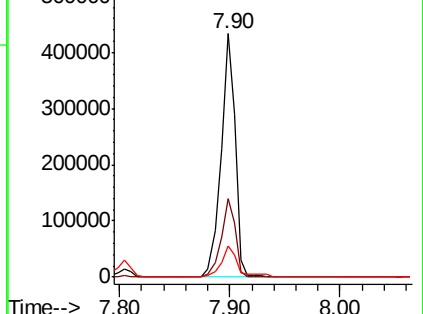
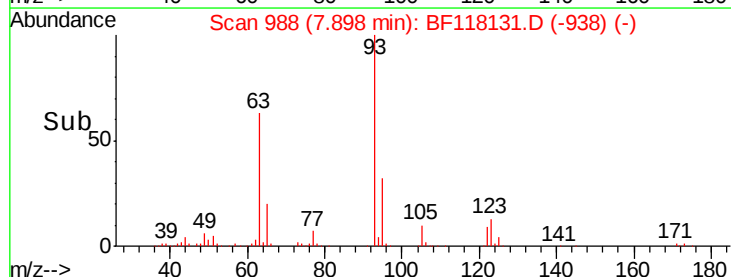
123 12.6 10.0 15.0

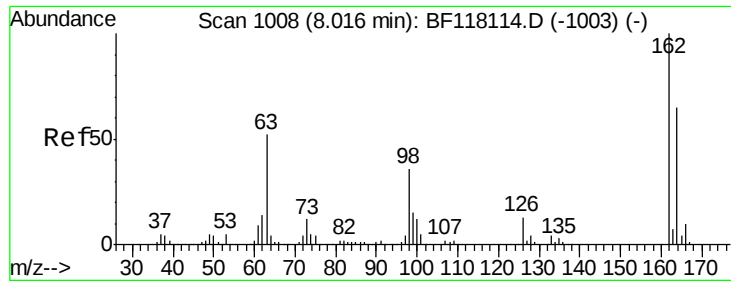


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

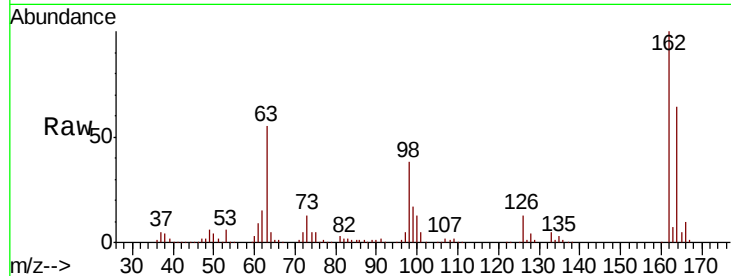




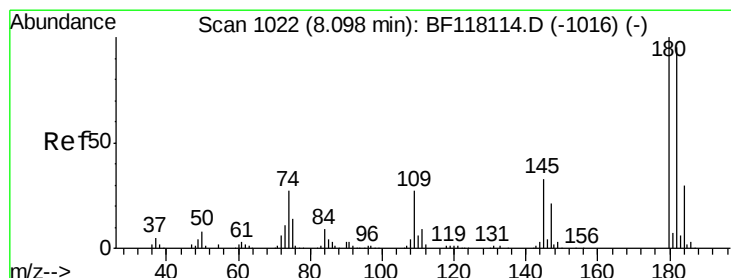
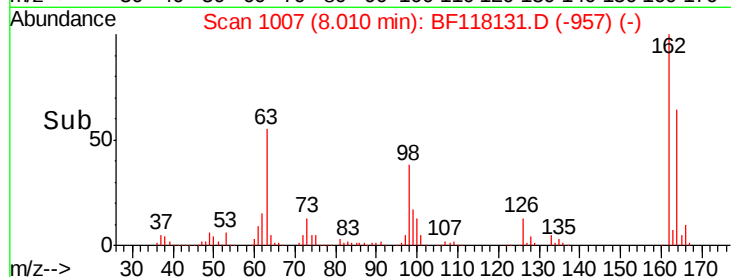
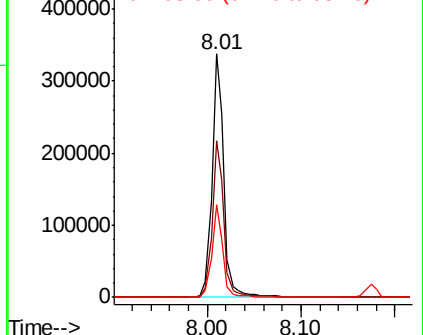
#29
2,4-Dichlorophenol
Concen: 42.472 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.2	85.2
98	37.9	15.9	55.9

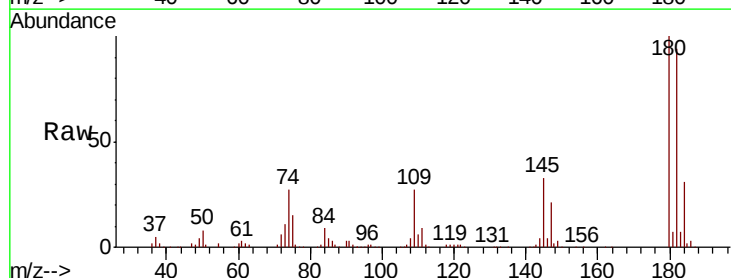


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

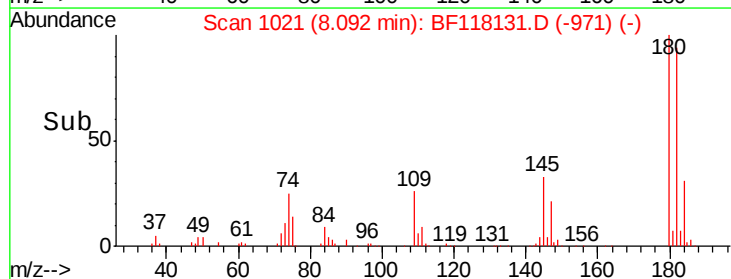
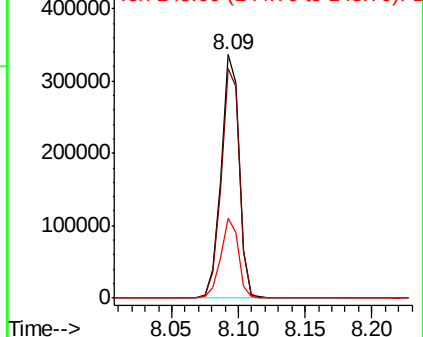


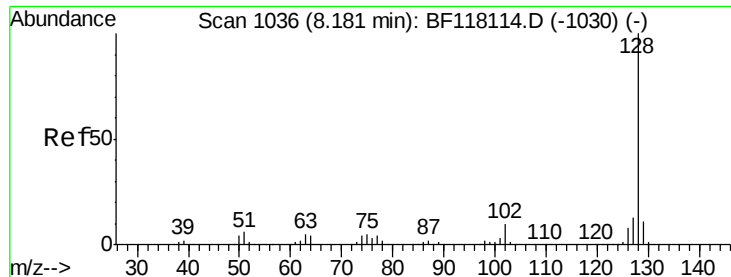
#30
1,2,4-Trichlorobenzene
Concen: 38.941 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.1	114.1
145	32.7	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

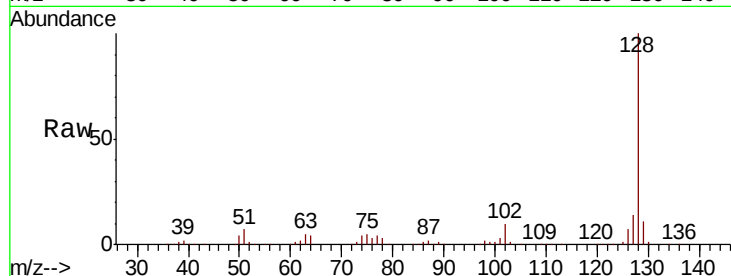




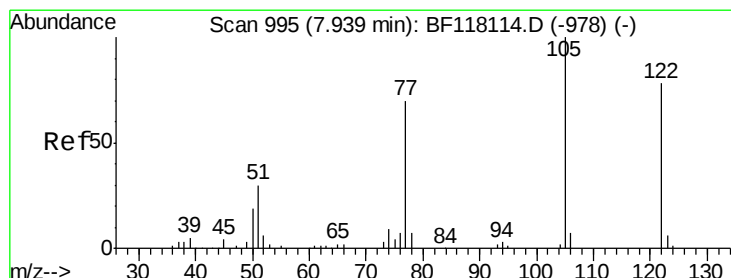
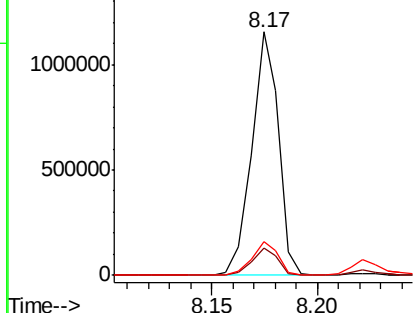
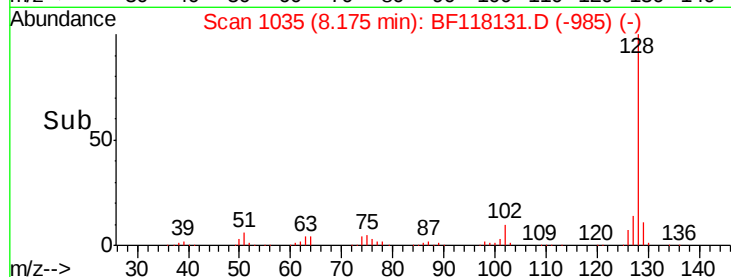
#31
Naphthalene
Concen: 41.330 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1015842
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.6 10.6 16.0

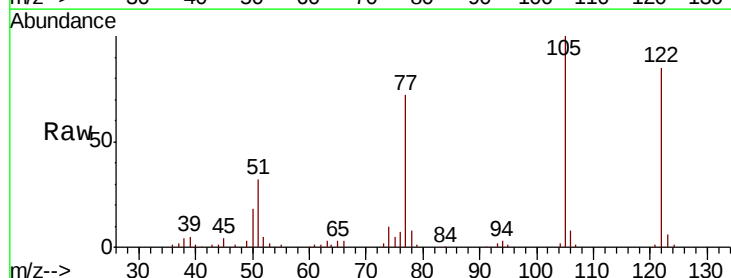


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

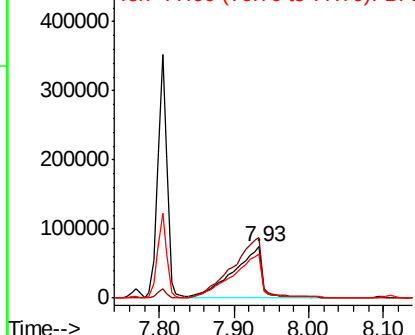
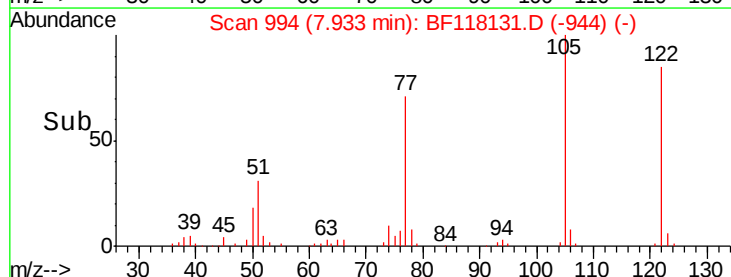


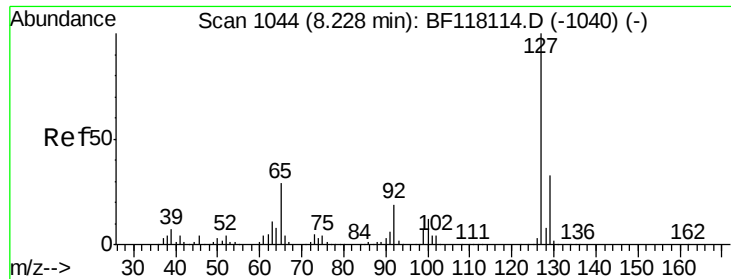
#32
Benzoic acid
Concen: 36.802 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:122 Resp: 202478
Ion Ratio Lower Upper
122 100
105 117.6 104.7 144.7
77 84.6 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

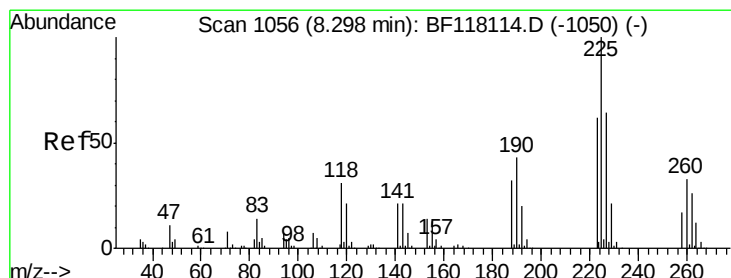
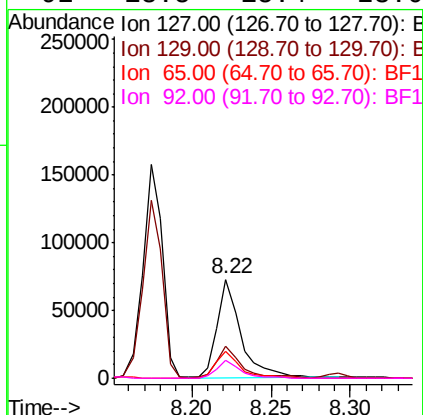
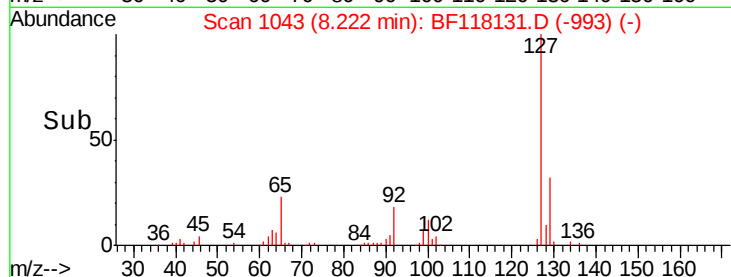
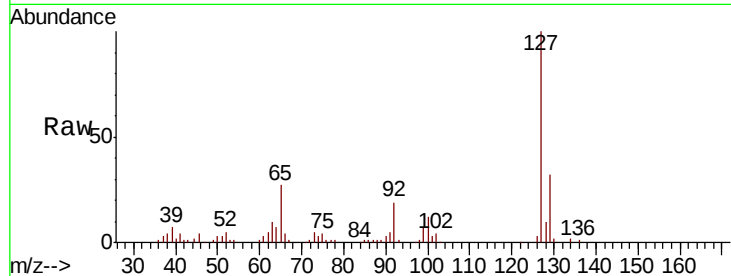




#33
4-Chloroaniline
Concen: 7.165 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

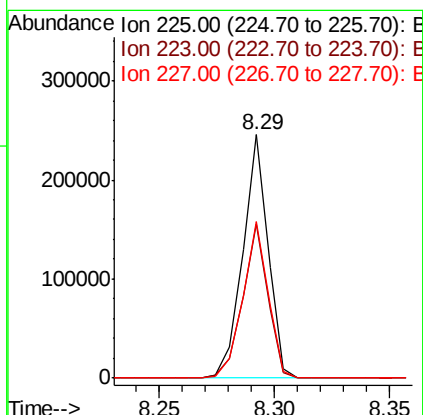
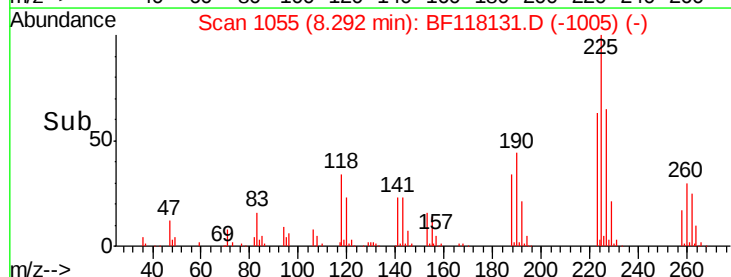
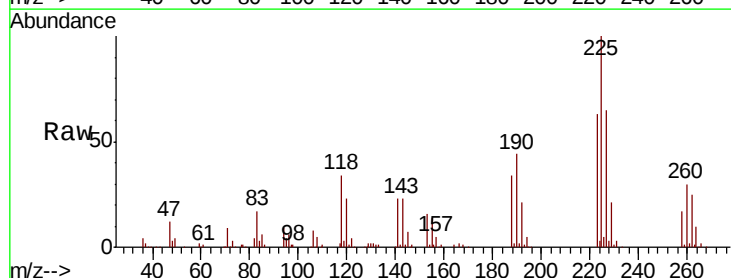
Instrument :
BNA_F
ClientSampleId :

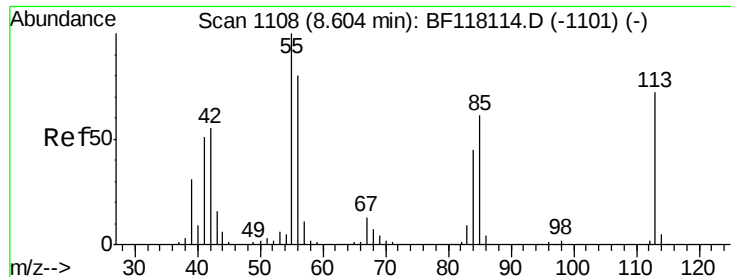
Tot Ion:	127	Resp:	76042
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	40.0
65	26.6	23.2	34.8
92	18.5	15.4	23.0



#34
Hexachlorobutadiene
Concen: 37.824 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:	225	Resp:	188293
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.6	74.4
227	64.5	51.0	76.6

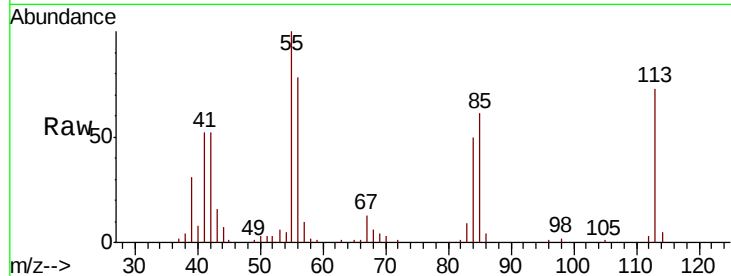




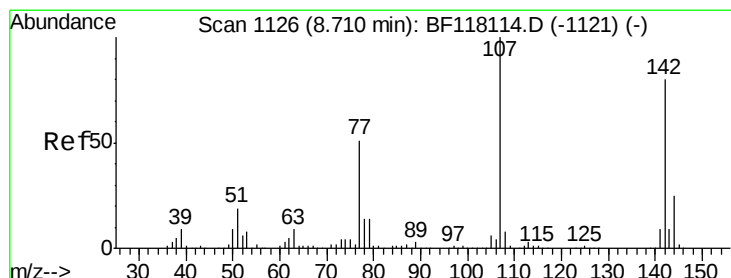
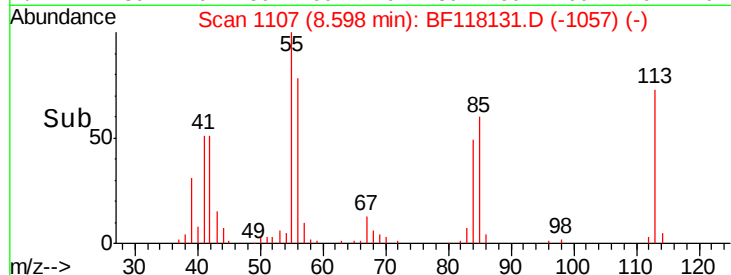
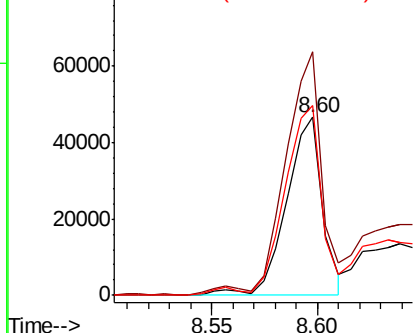
#35
Caprolactam
Concen: 25.231 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 55272
Ion Ratio Lower Upper
113 100
55 136.7 118.9 158.9
56 106.8 91.4 131.4

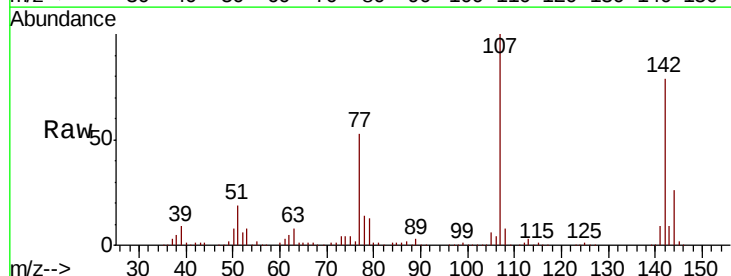


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

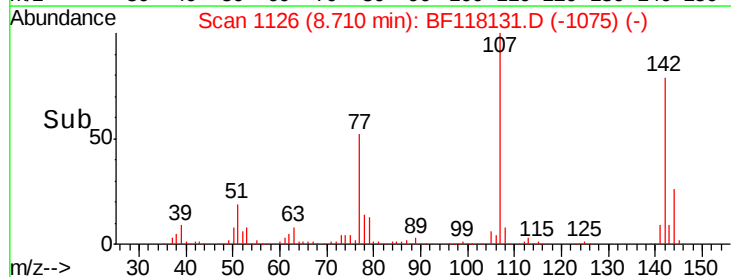
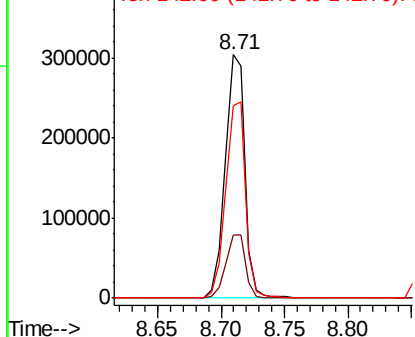


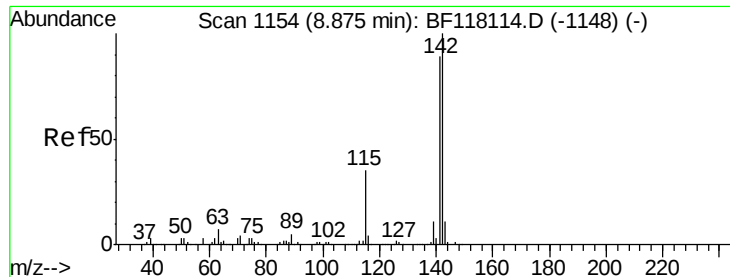
#36
4-Chloro-3-methylphenol
Concen: 43.713 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:107 Resp: 326779
Ion Ratio Lower Upper
107 100
144 26.0 20.3 30.5
142 78.9 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

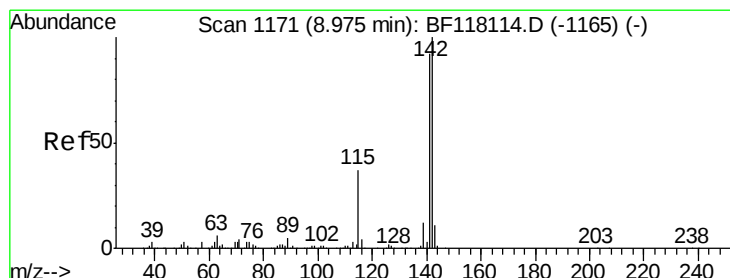
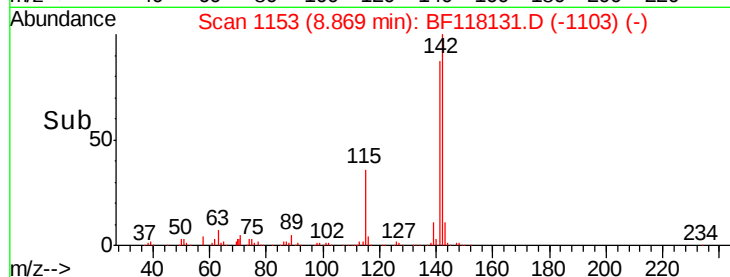
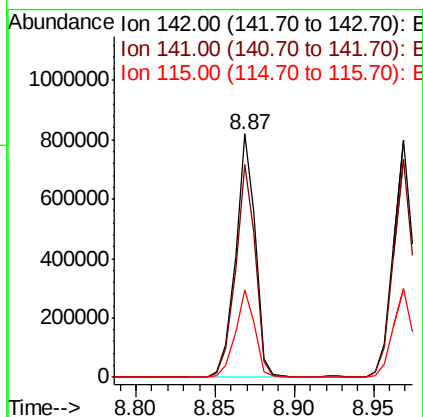
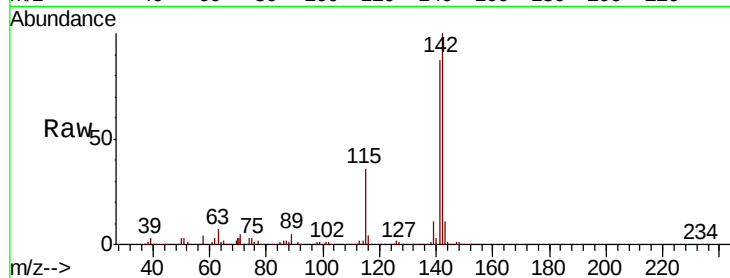




#37
2-Methylnaphthalene
Concen: 42.386 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

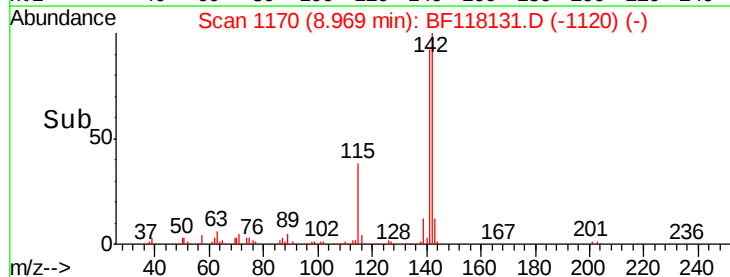
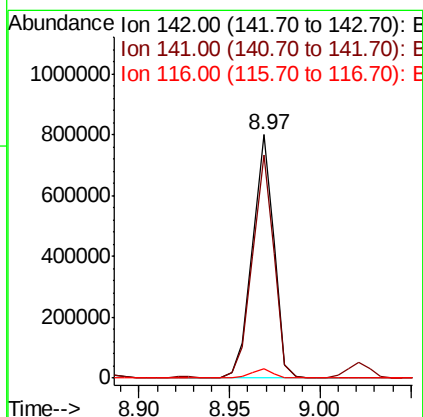
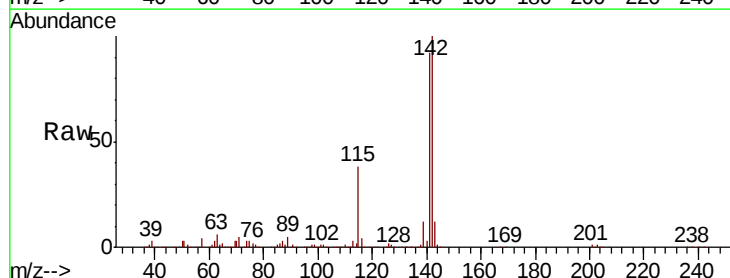
Instrument :
BNA_F
ClientSampleId :

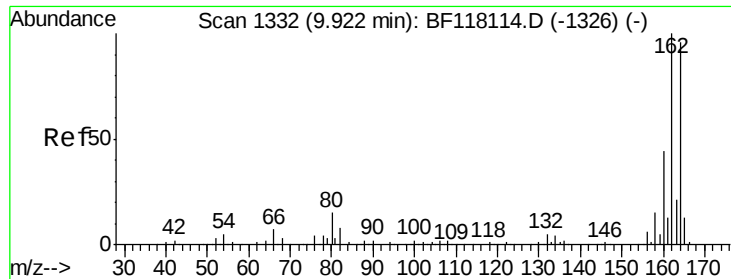
Tot Ion:142 Resp: 705303
Ion Ratio Lower Upper
142 100
141 87.5 71.4 107.0
115 35.8 28.2 42.4



#38
1-Methylnaphthalene
Concen: 42.209 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:142 Resp: 659473
Ion Ratio Lower Upper
142 100
141 91.8 74.0 111.0
116 3.9 3.2 4.8

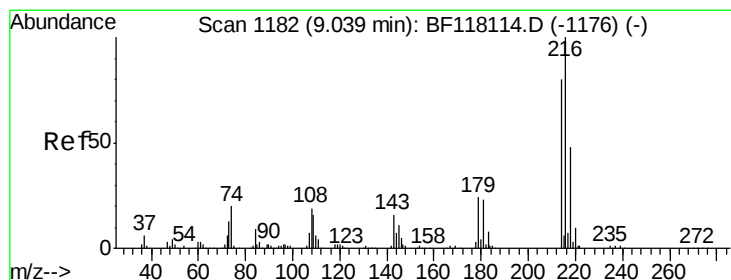
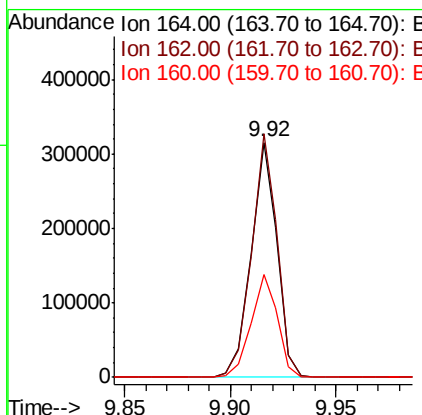
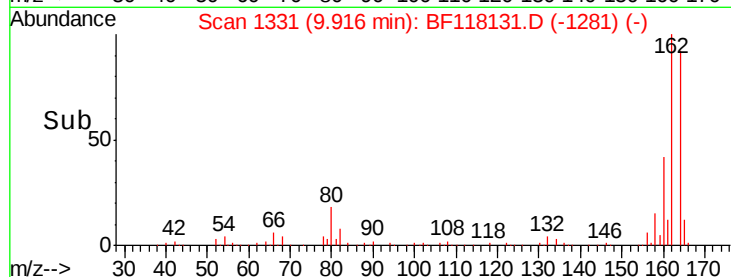
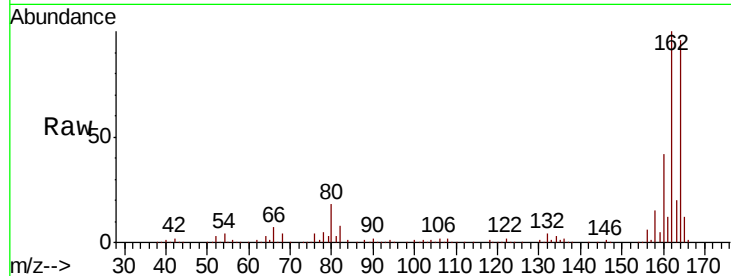




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

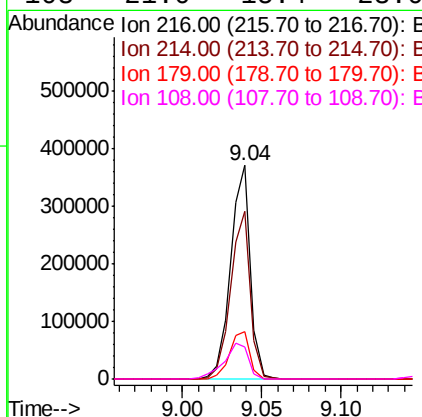
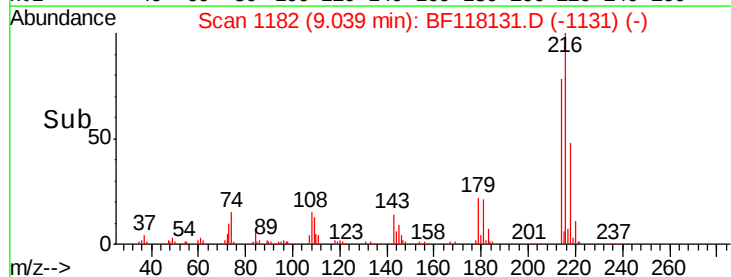
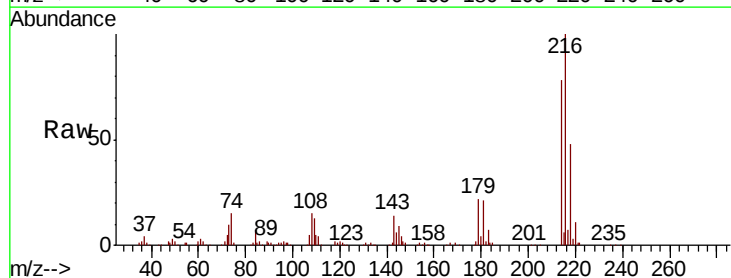
Instrument :
BNA_F
ClientSampleId :

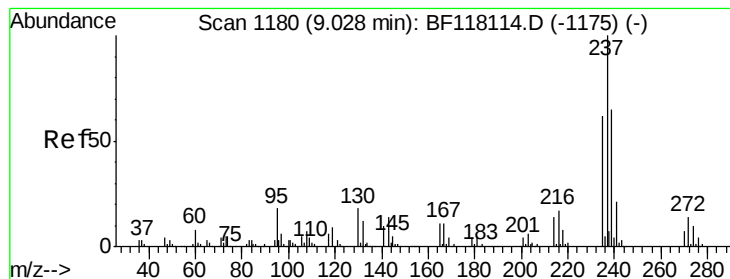
Tot Ion:164 Resp: 267881
Ion Ratio Lower Upper
164 100
162 103.7 83.4 125.0
160 43.8 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.064 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:216 Resp: 317008
Ion Ratio Lower Upper
216 100
214 78.2 63.4 95.2
179 22.8 18.6 27.8
108 21.0 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 90.957 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampleId :

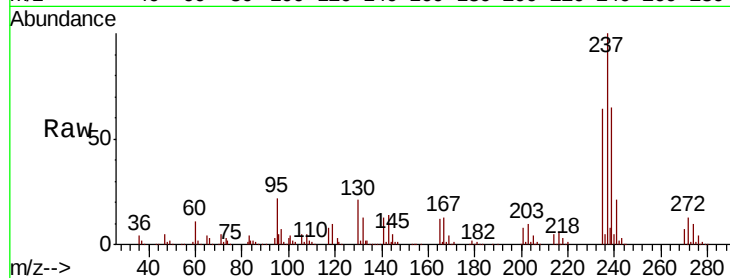
Tot Ion:237 Resp: 330715

Ion Ratio Lower Upper

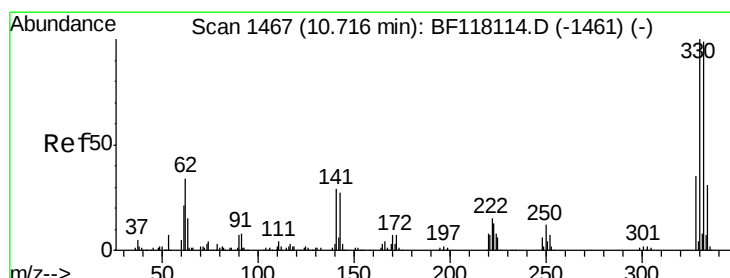
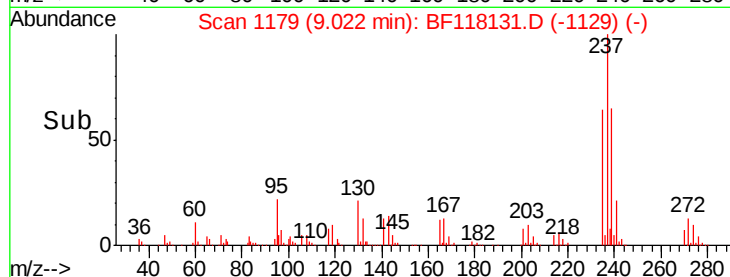
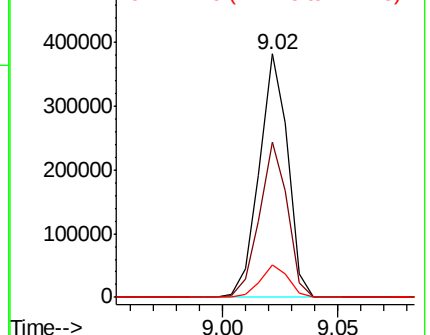
237 100

235 63.7 41.5 81.5

272 13.4 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: 90.337 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

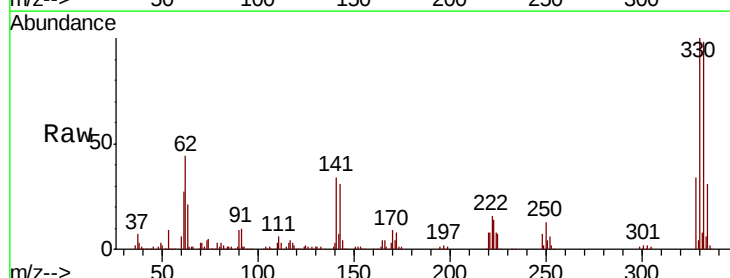
Tgt Ion:330 Resp: 293980

Ion Ratio Lower Upper

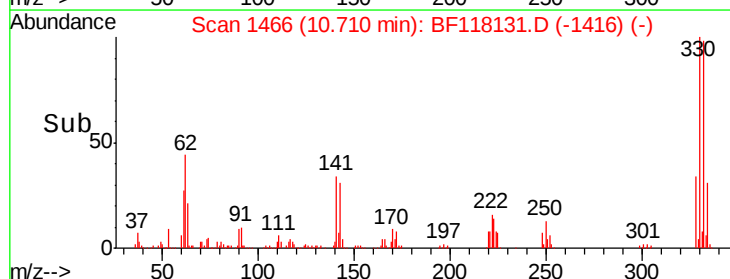
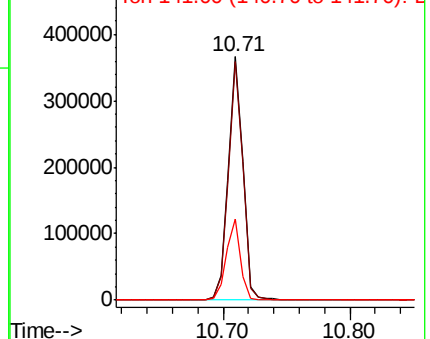
330 100

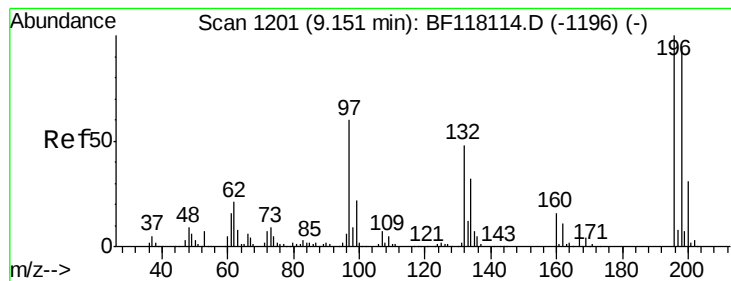
332 97.4 78.1 117.1

141 32.8 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: 41.063 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampled :

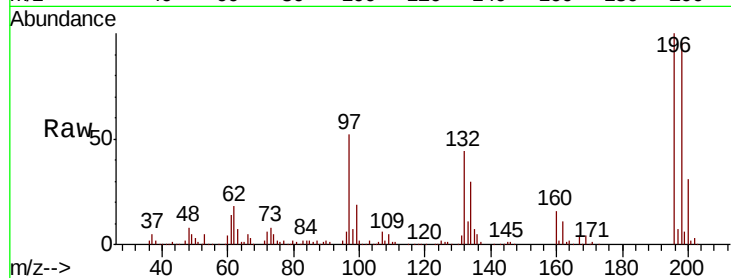
Tot Ion:196 Resp: 222490

Ion Ratio Lower Upper

196 100

198 96.3 75.0 112.4

200 30.6 24.5 36.7

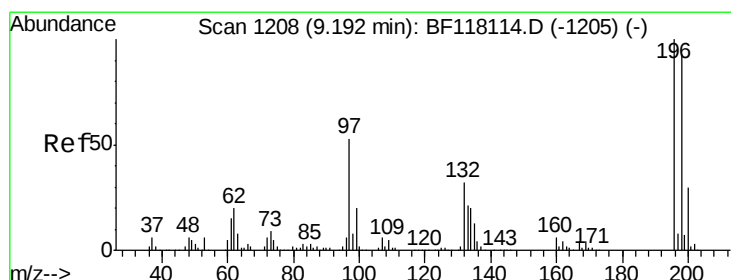
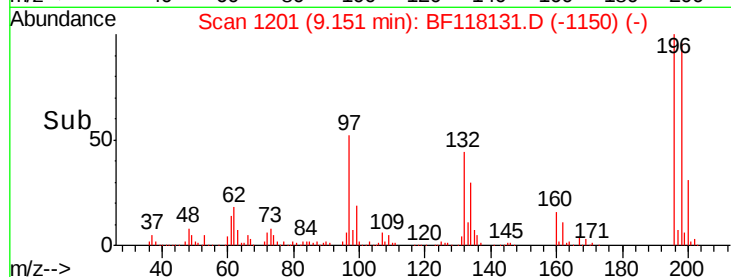
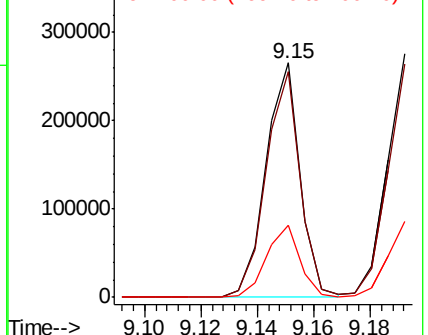


Abundance

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: 42.856 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Tgt Ion:196 Resp: 240573

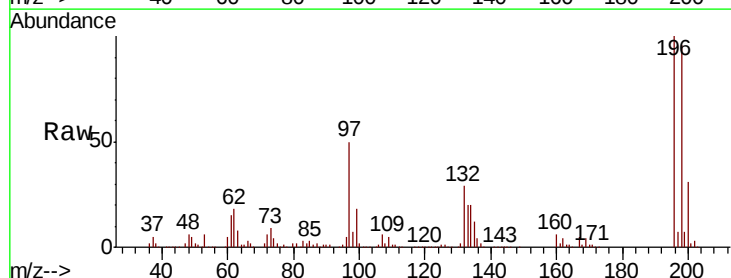
Ion Ratio Lower Upper

196 100

198 95.7 74.2 111.4

97 50.3 42.5 63.7

132 29.1 25.4 38.2



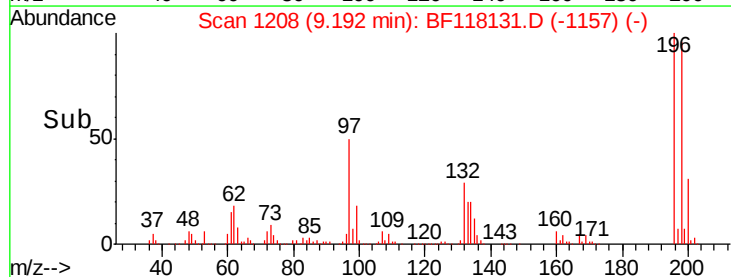
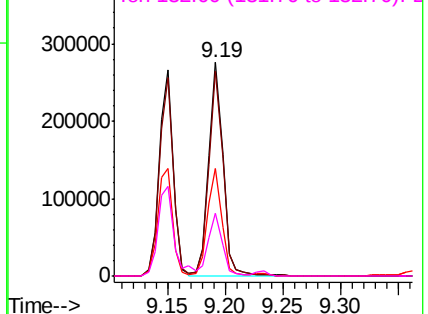
Abundance

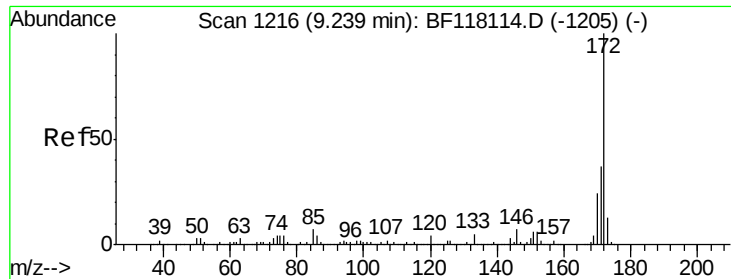
Ion 196.00 (195.70 to 196.70): E

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

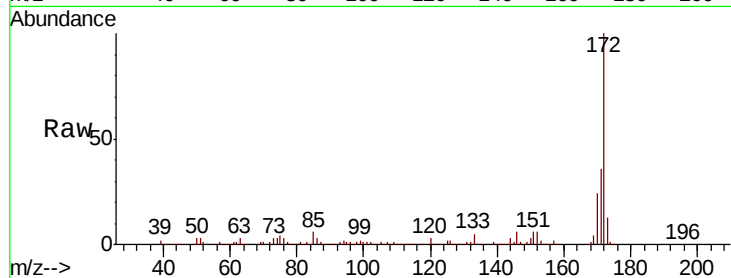




#45
2-Fluorobiphenyl
Concen: 54.809 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	24.2	19.4	29.2

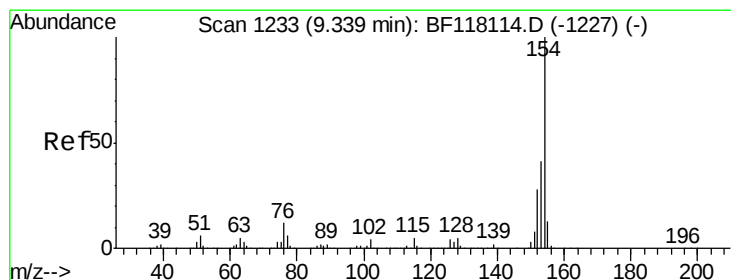
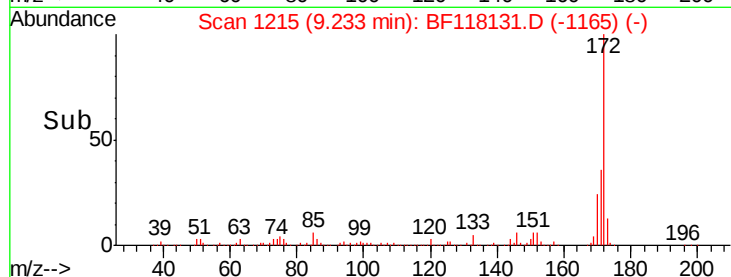
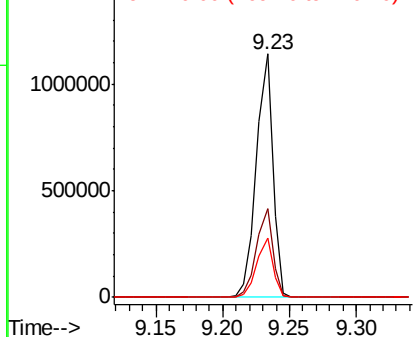


Abundance

Ion 172.00 (171.70 to 172.70): E

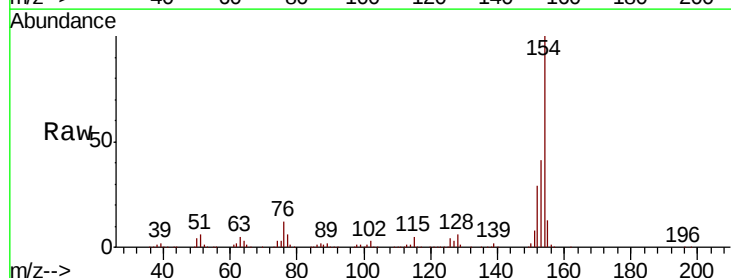
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.869 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.7	60.7
76	11.7	0.0	31.9

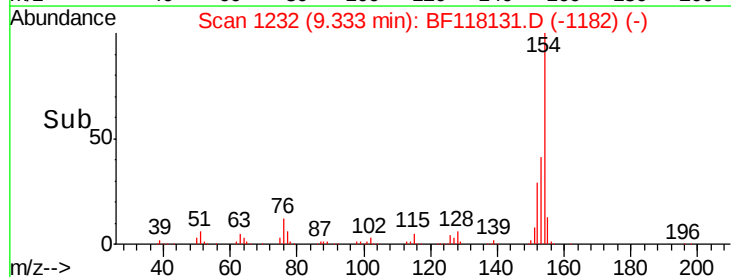
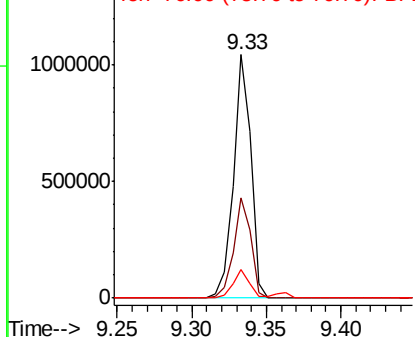


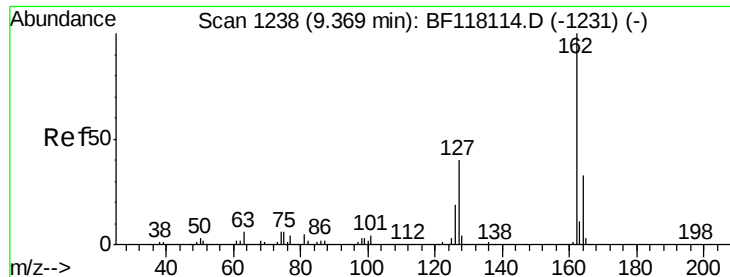
Abundance

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

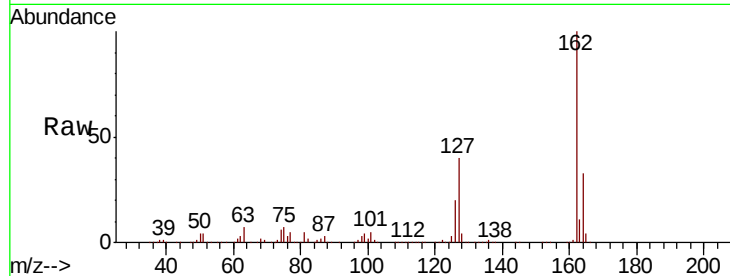




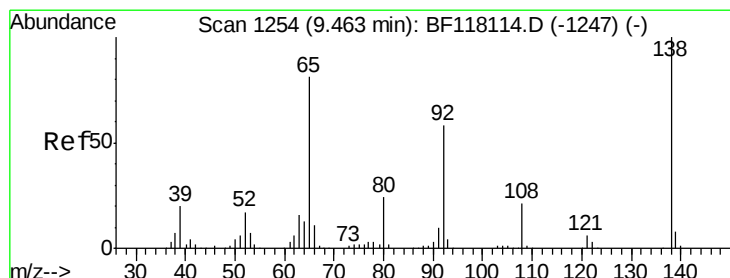
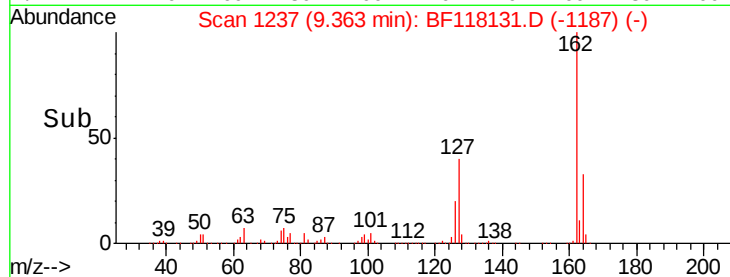
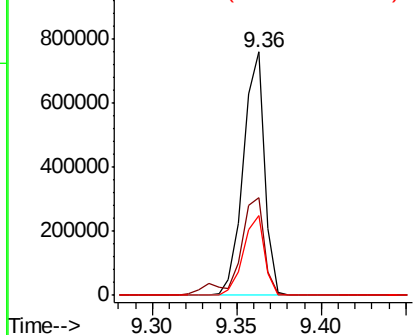
#47
 2-Chloronaphthalene
 Concen: 39.321 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118131.D
 Acq: 7 Dec 2019 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	668265
Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.0	48.0
164	33.0	26.1	39.1

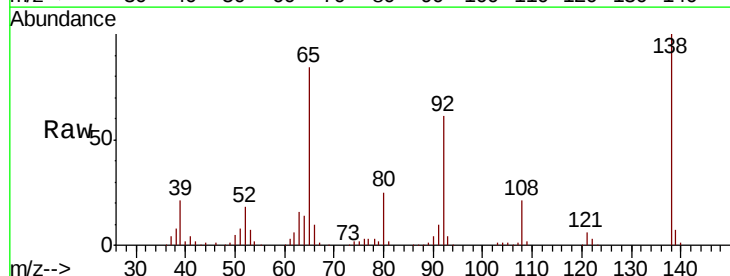


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

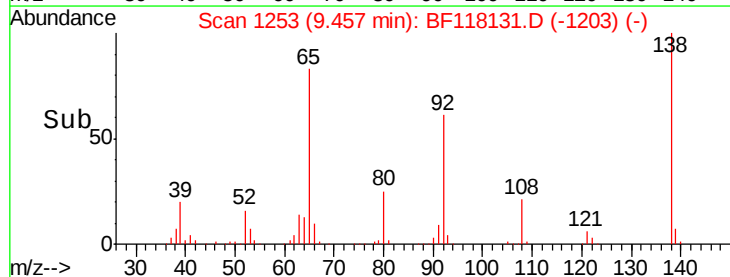
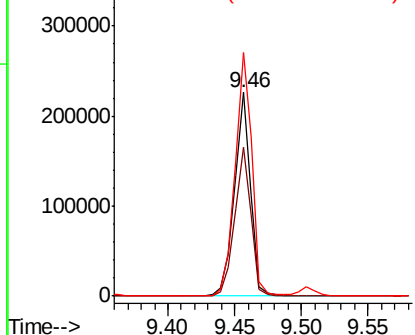


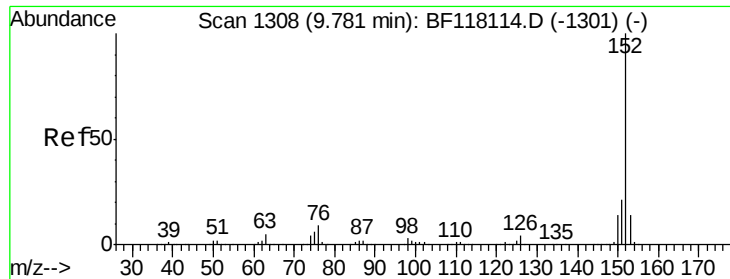
#48
 2-Nitroaniline
 Concen: 39.786 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118131.D
 Acq: 7 Dec 2019 16:12

Tgt Ion:	65	Resp:	192824
Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.8	86.6
138	119.6	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: 42.947 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampleId :

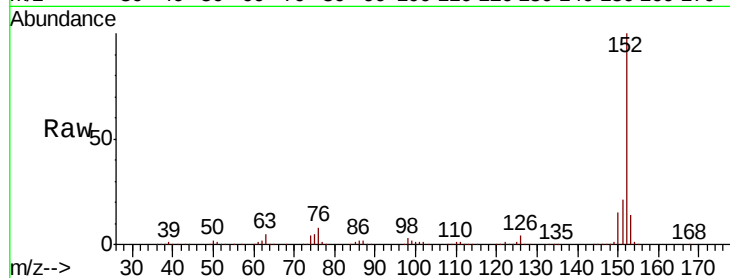
Tot Ion:152 Resp: 1076527

Ion Ratio Lower Upper

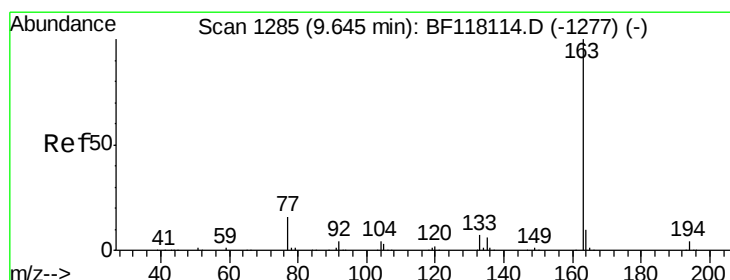
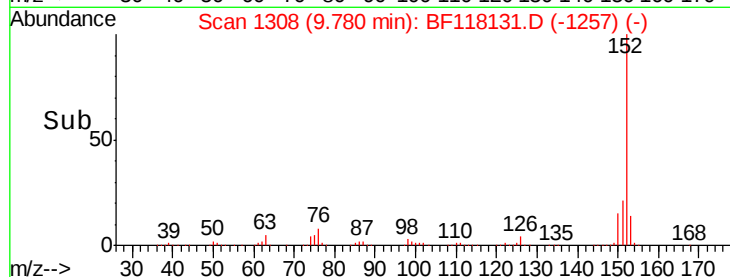
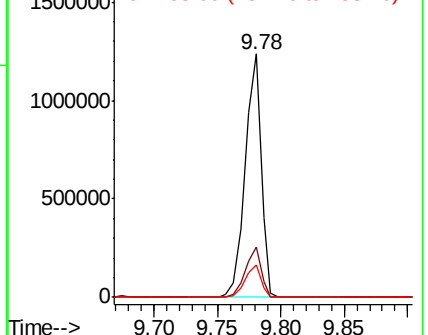
152 100

151 20.7 16.4 24.6

153 13.6 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: 45.325 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

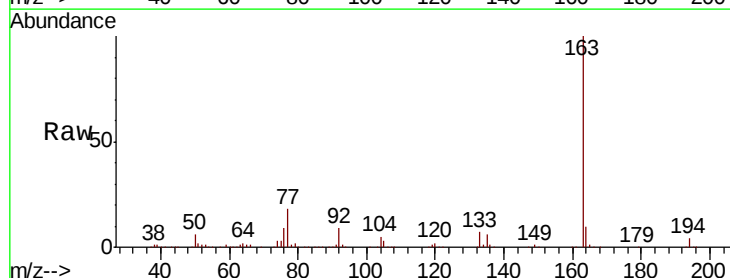
Tgt Ion:163 Resp: 896840

Ion Ratio Lower Upper

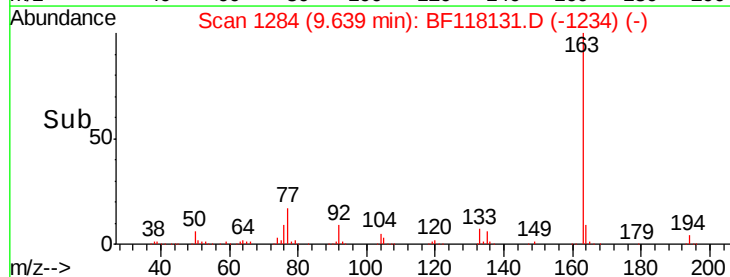
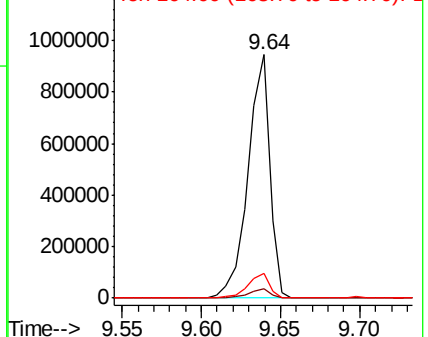
163 100

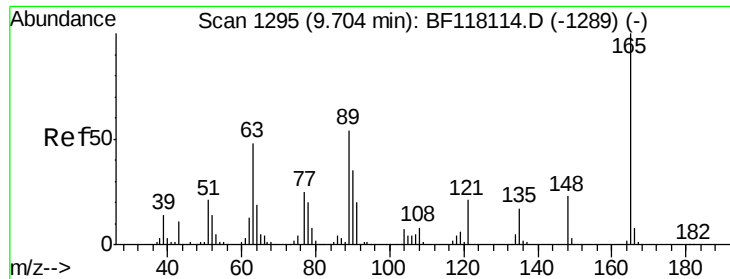
194 4.0 3.1 4.7

164 10.3 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

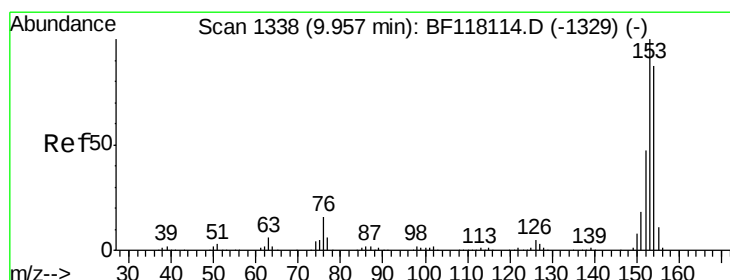
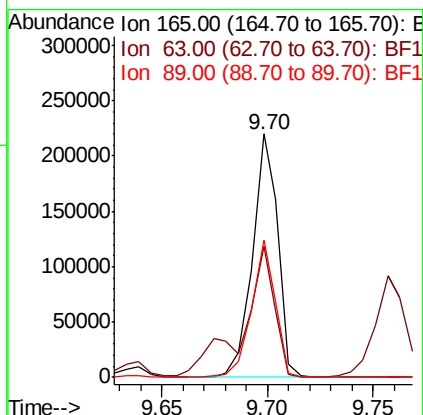
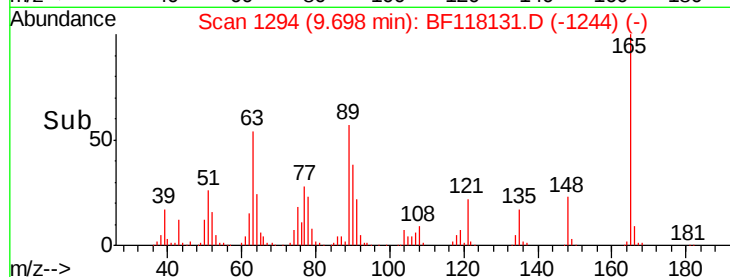
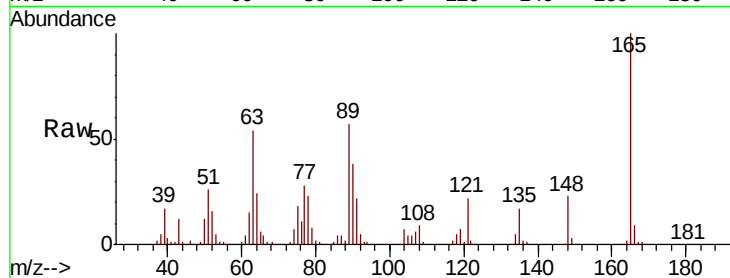




#51
 2,6-Dinitrotoluene
 Concen: 42.432 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF118131.D
 Acq: 7 Dec 2019 16:12

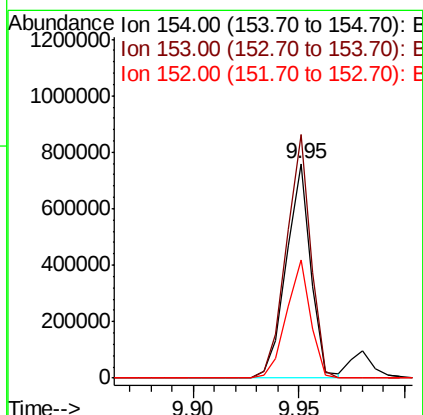
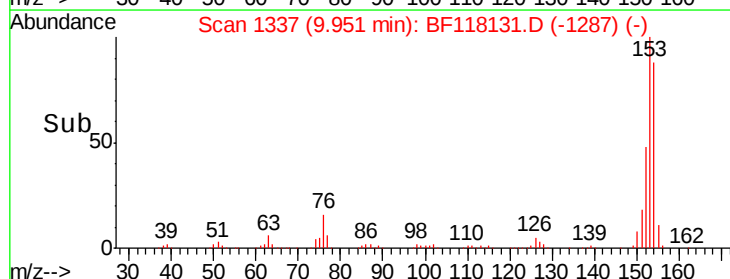
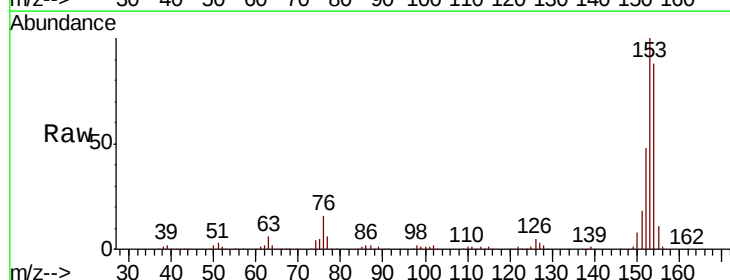
Instrument :
 BNA_F
 ClientSampled :

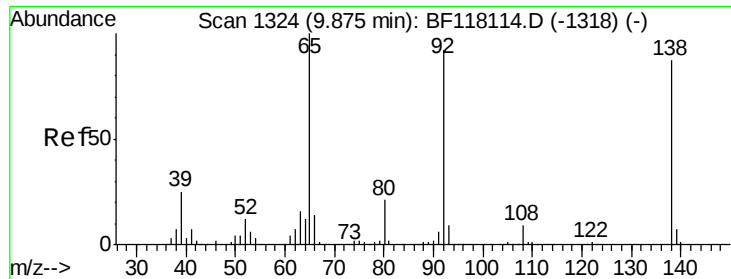
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.6	41.4	62.0
89	56.5	42.9	64.3



#52
 Acenaphthene
 Concen: 40.387 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF118131.D
 Acq: 7 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.8	137.6
152	54.9	43.3	64.9

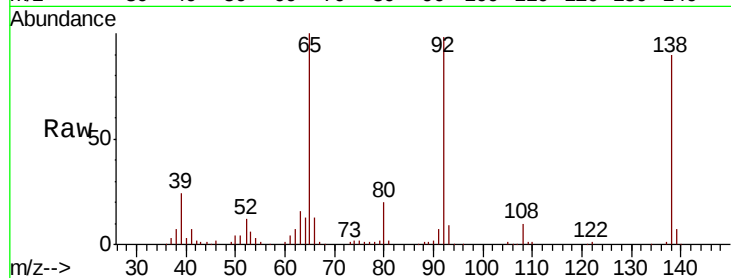




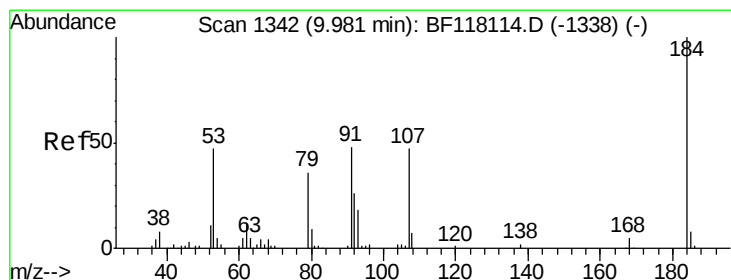
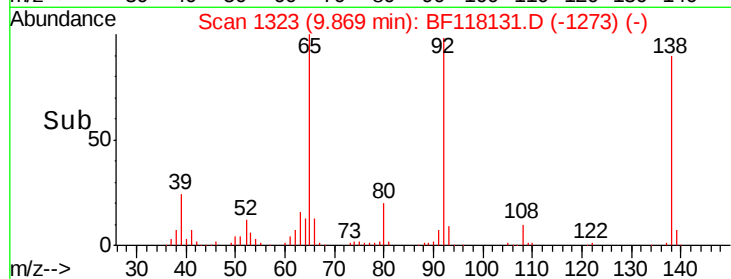
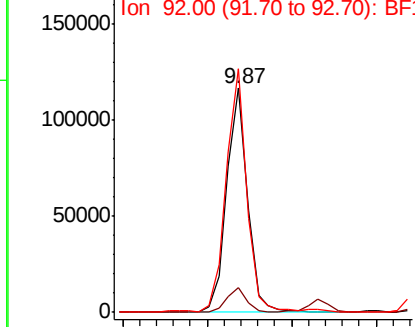
#53
3-Nitroaniline
Concen: 19.766 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 100084
Ion Ratio Lower Upper
138 100
108 11.1 8.2 12.4
92 108.6 84.9 127.3

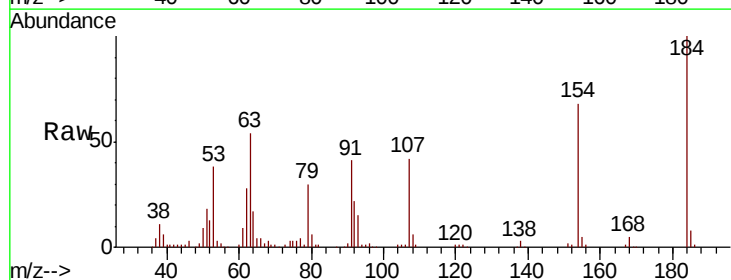


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

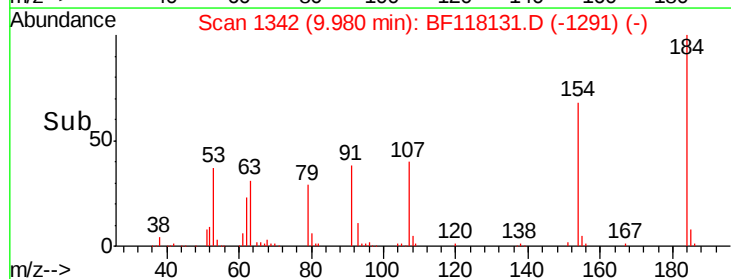
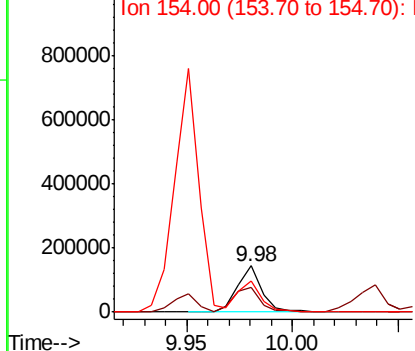


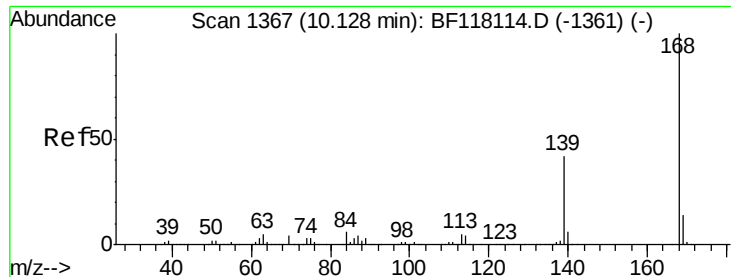
#54
2,4-Dinitrophenol
Concen: 55.044 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:184 Resp: 117826
Ion Ratio Lower Upper
184 100
63 53.9 53.9 80.9#
154 68.1 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

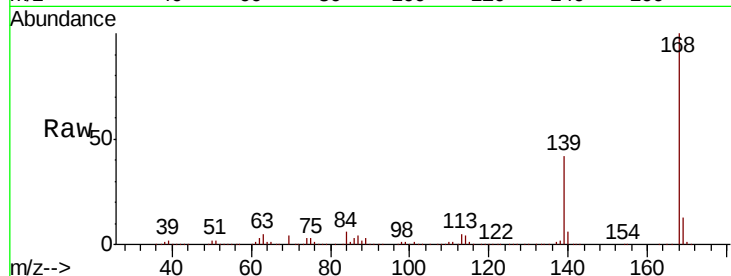




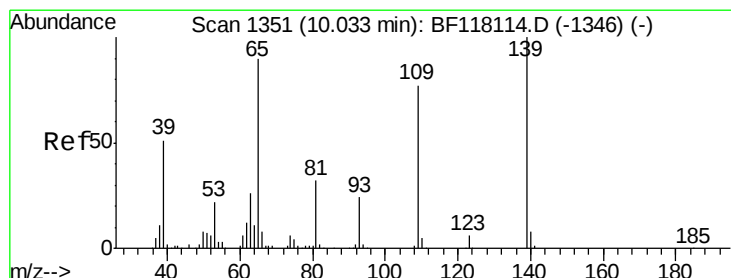
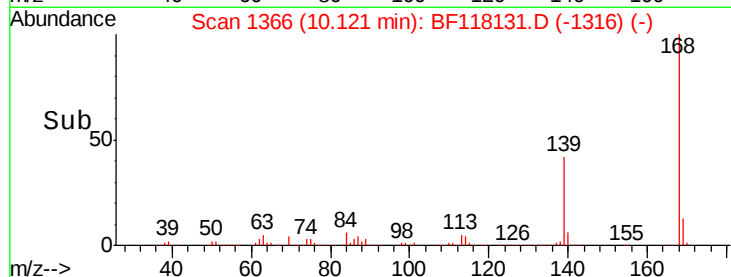
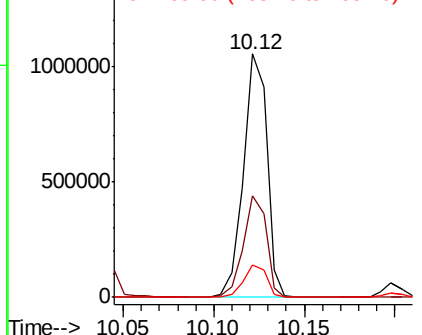
#55
Dibenzenofuran
Concen: 42.336 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 949117
Ion Ratio Lower Upper
168 100
139 41.6 33.4 50.0
169 13.4 11.0 16.6

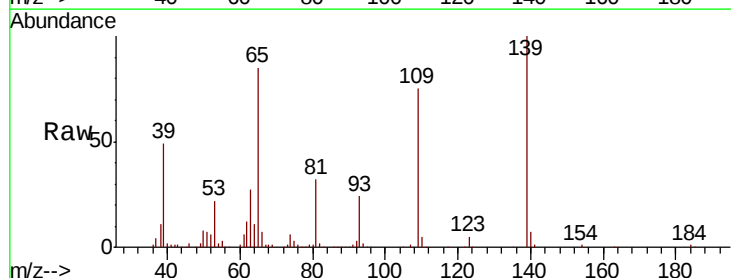


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

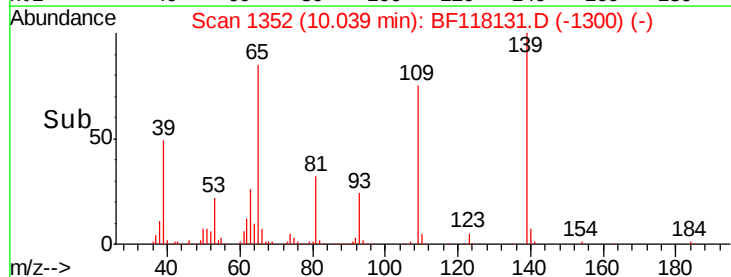
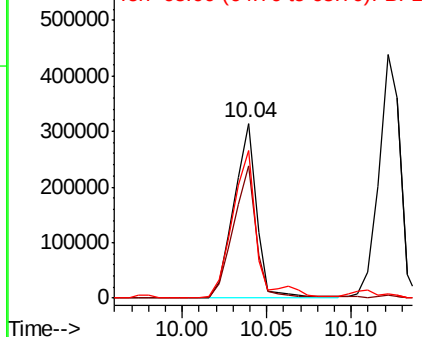


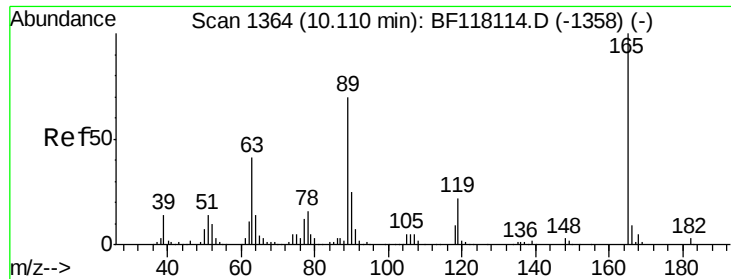
#56
4-Nitrophenol
Concen: 84.231 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:139 Resp: 295983
Ion Ratio Lower Upper
139 100
109 75.4 57.3 97.3
65 84.7 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

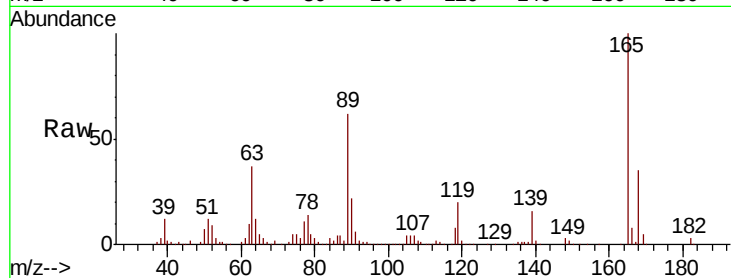




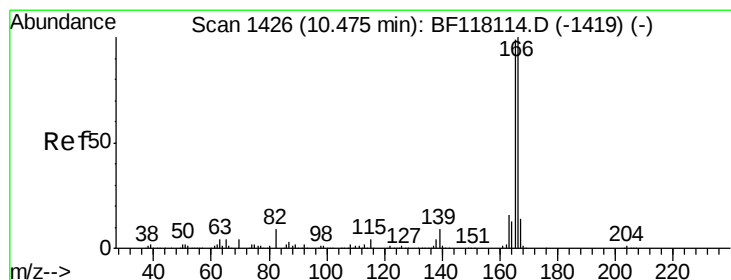
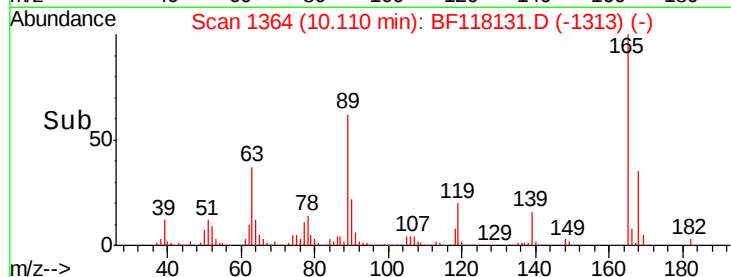
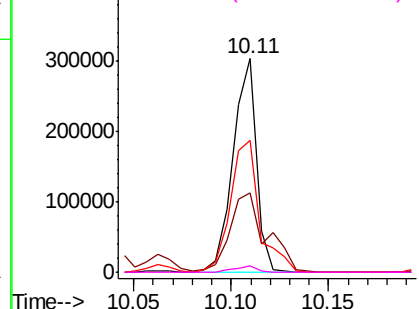
#57
2,4-Dinitrotoluene
Concen: 43.775 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	251390
Ion Ratio	Lower	Upper
165	100	
63	37.0	32.6 49.0
89	61.7	56.1 84.1
182	2.8	2.1 3.1

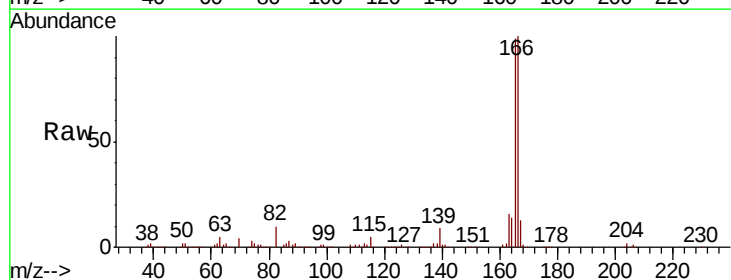


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

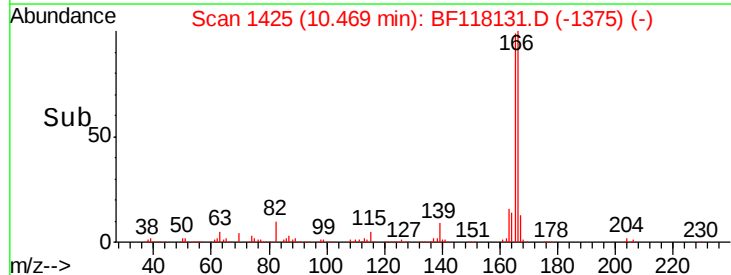
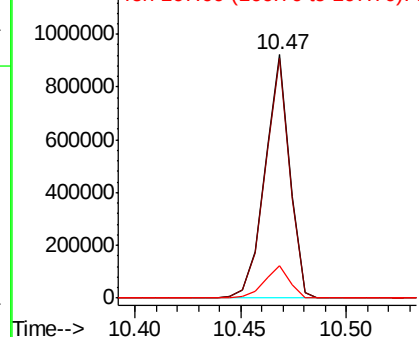


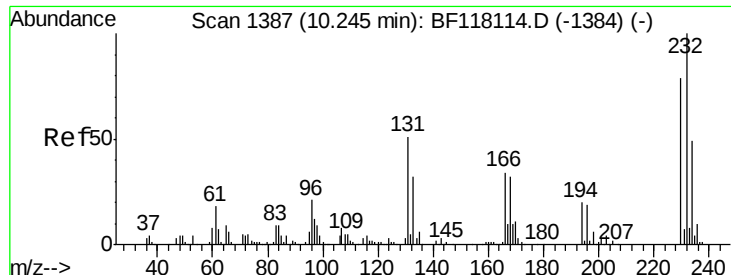
#58
Fluorene
Concen: 42.232 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:166	Resp:	752404
Ion Ratio	Lower	Upper
166	100	
165	98.6	79.0 118.4
167	13.3	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

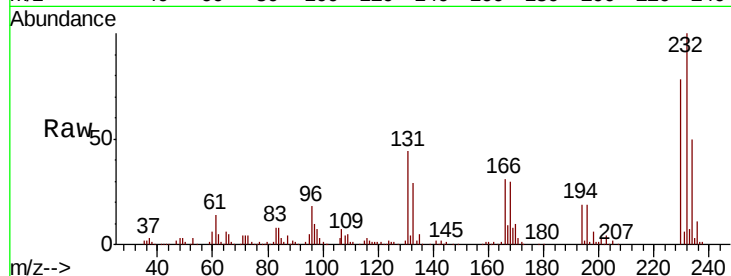




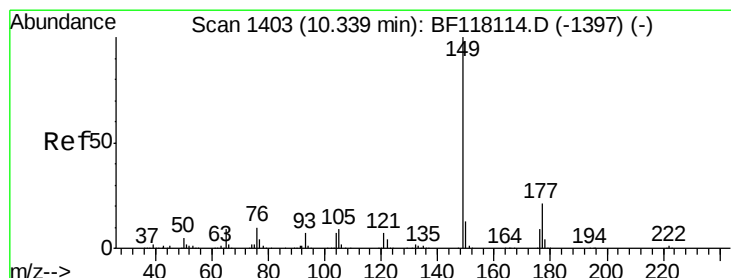
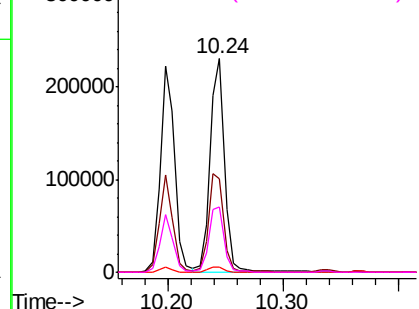
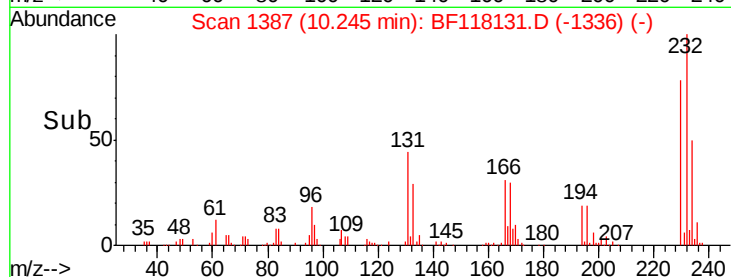
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.712 ng
RT: 10.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.8	38.8	58.2
130	2.6	1.9	2.9
166	32.5	25.4	38.0

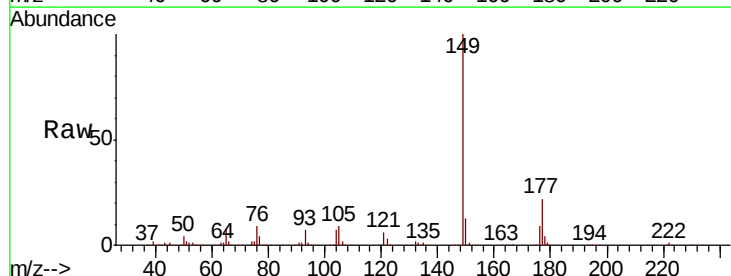


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

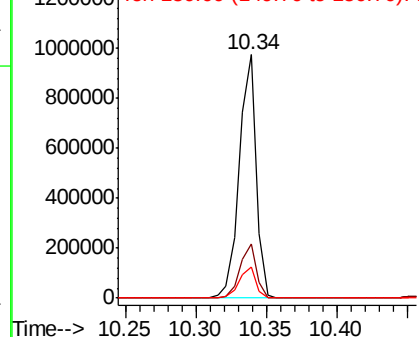
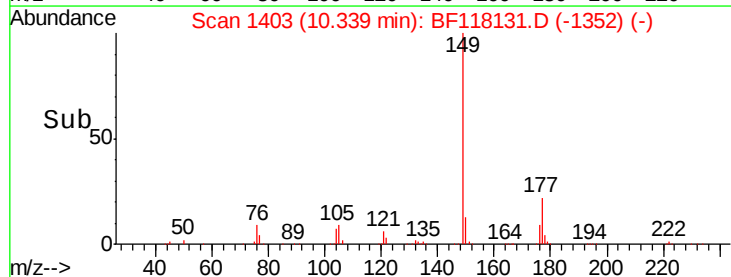


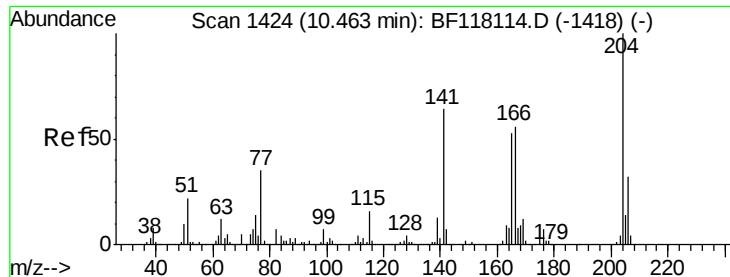
#60
Diethylphthalate
Concen: 41.550 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.4
150	12.6	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

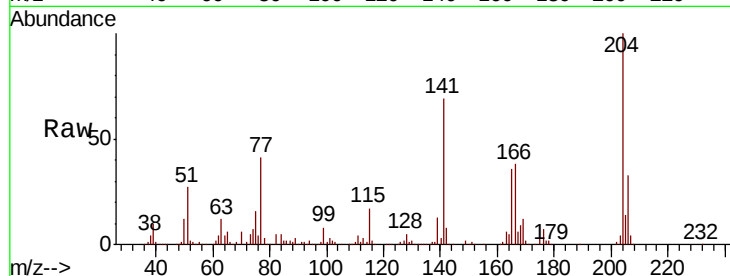




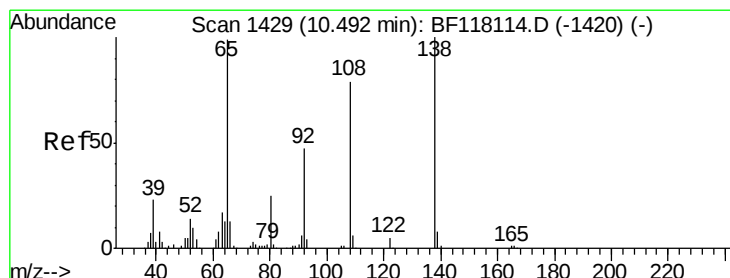
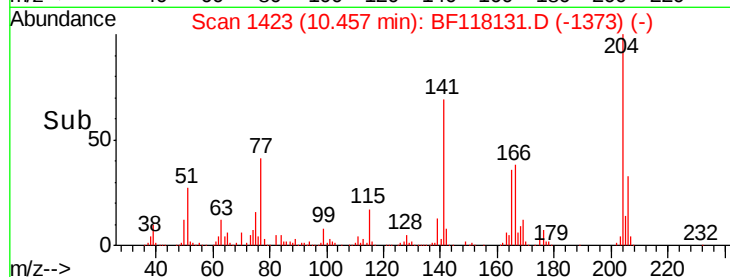
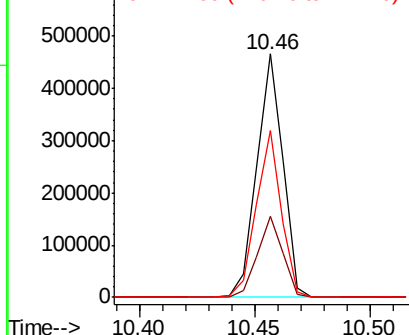
#61
4-Chlorophenyl-phenylether
Concen: 40.884 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 366486
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 68.6 51.0 76.6

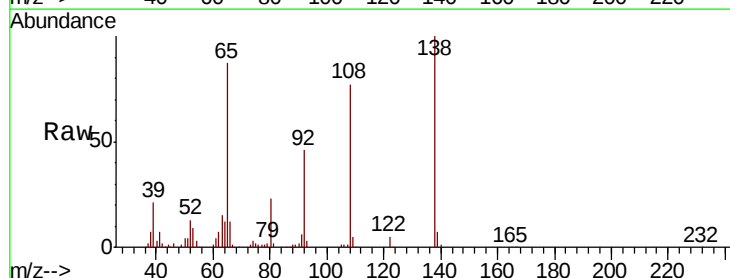


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

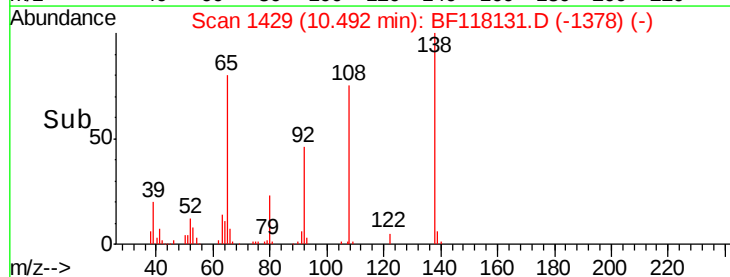
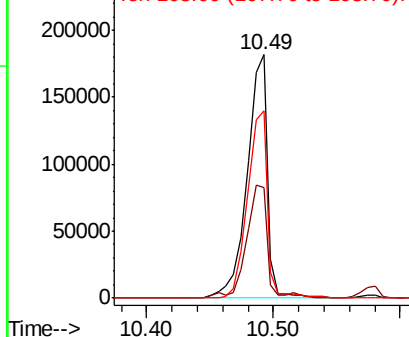


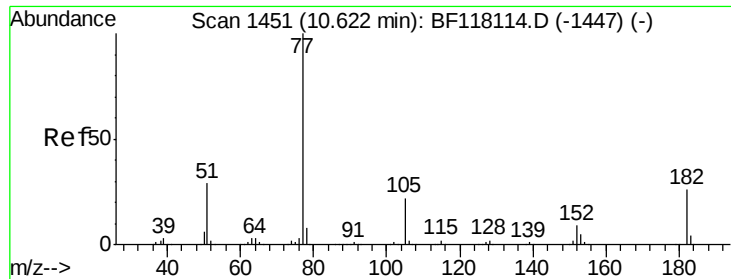
#62
4-Nitroaniline
Concen: 38.556 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:138 Resp: 203609
Ion Ratio Lower Upper
138 100
92 45.6 27.1 67.1
108 77.2 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: 42.417 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 705911

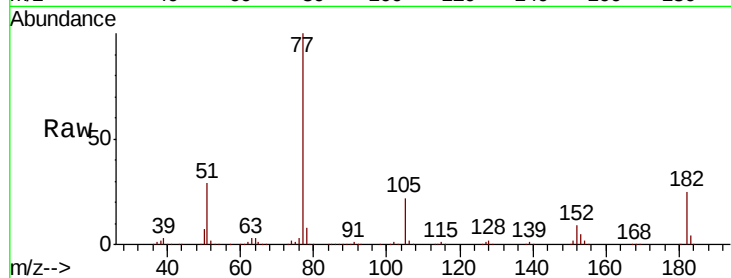
Ion Ratio Lower Upper

77 100

182 25.2 5.7 45.7

105 22.0 2.2 42.2

51 29.4 9.6 49.6

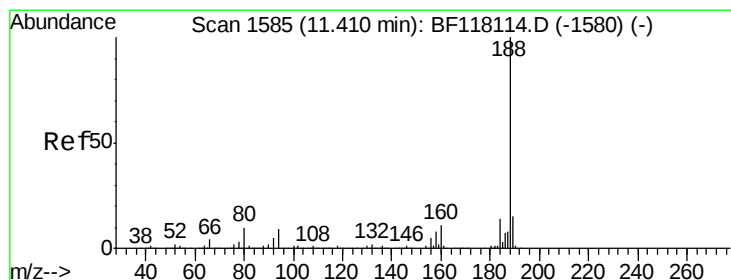
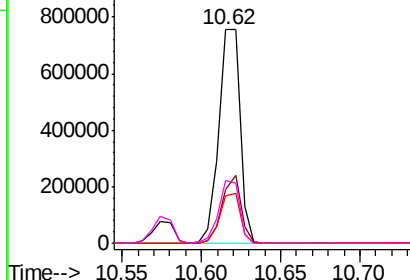
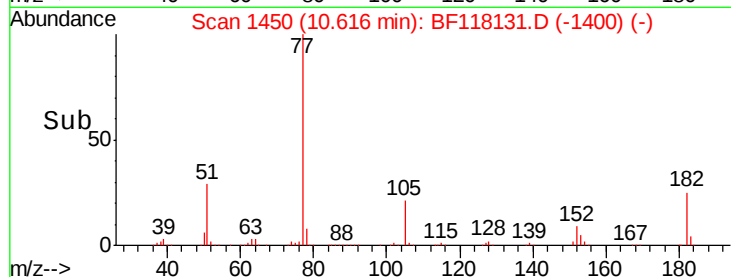


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

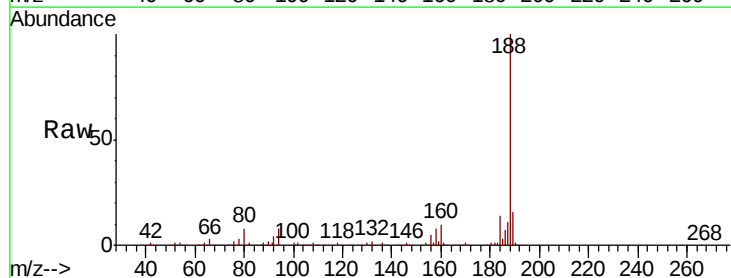
Tgt Ion: 188 Resp: 527830

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

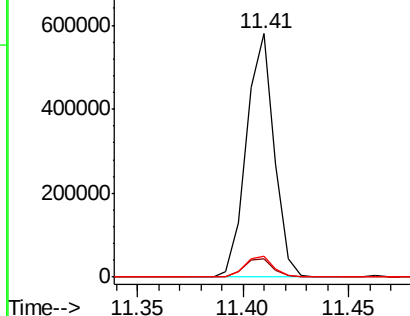
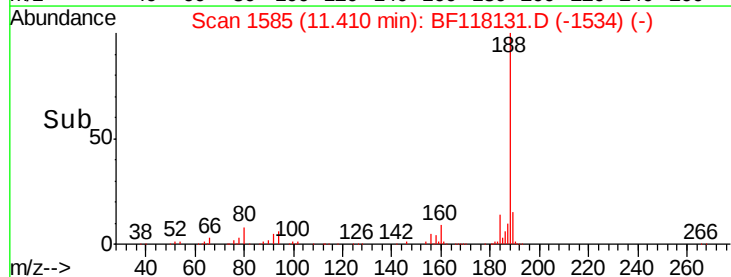
80 8.4 7.9 11.9

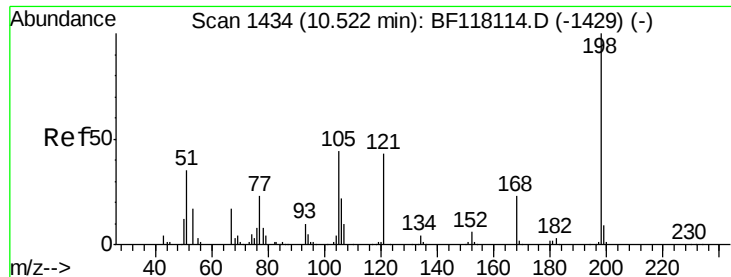


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

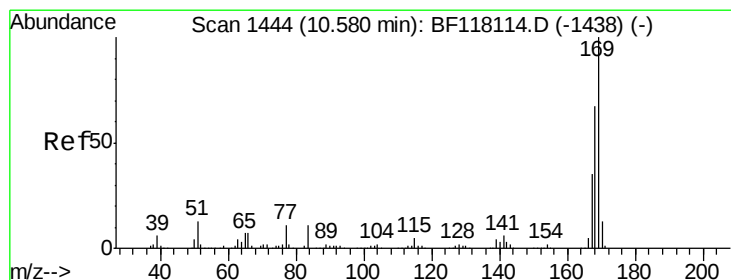
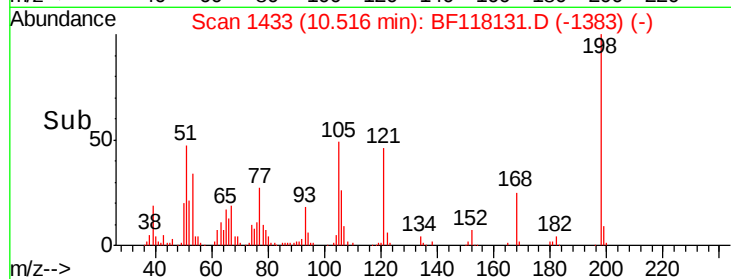
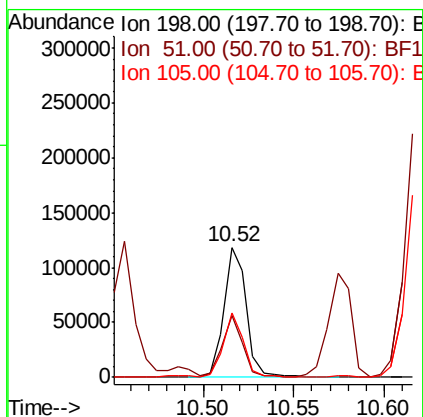
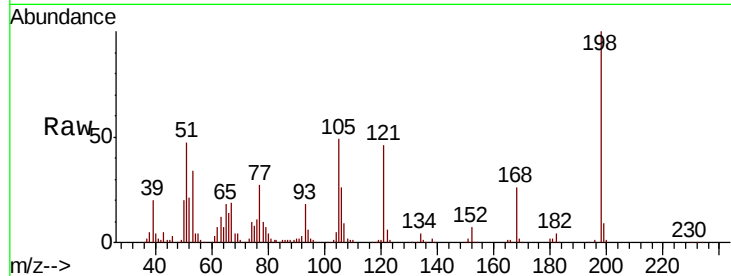




#65
4,6-Dinitro-2-methylphenol
Concen: 34.972 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

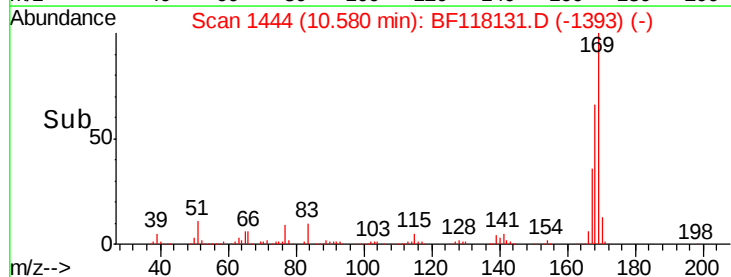
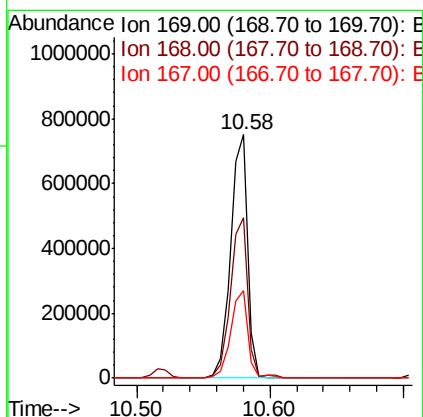
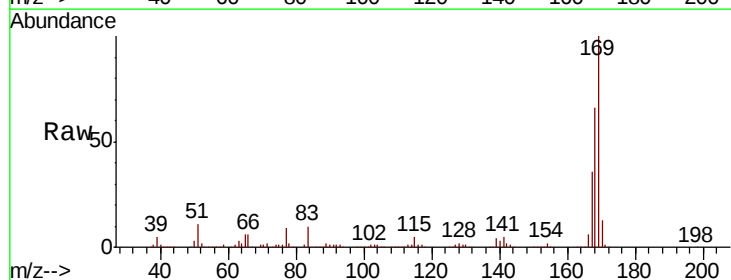
Instrument :
BNA_F
ClientSampled :

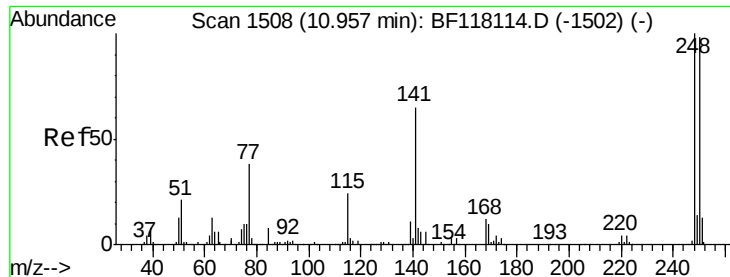
Tot Ion:198 Resp: 101943
Ion Ratio Lower Upper
198 100
51 47.2 22.0 62.0
105 49.0 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 40.972 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:169 Resp: 675342
Ion Ratio Lower Upper
169 100
168 65.7 53.4 80.2
167 36.0 28.4 42.6

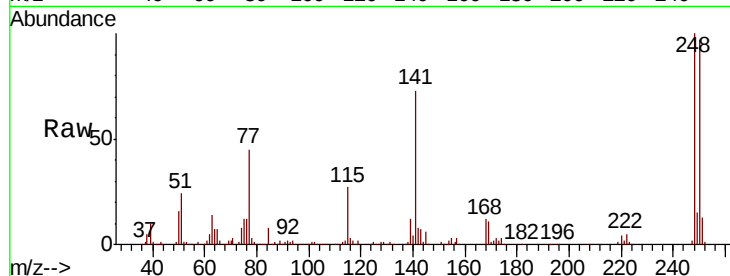




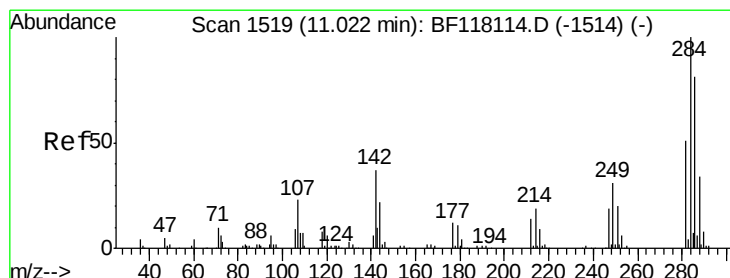
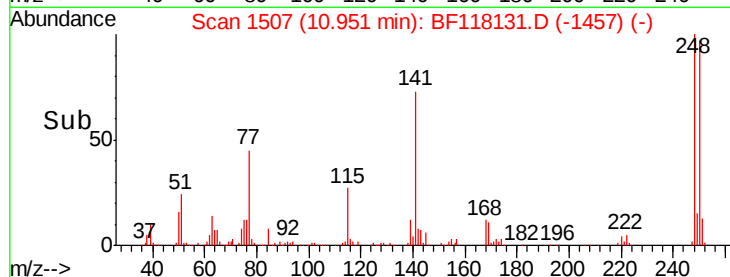
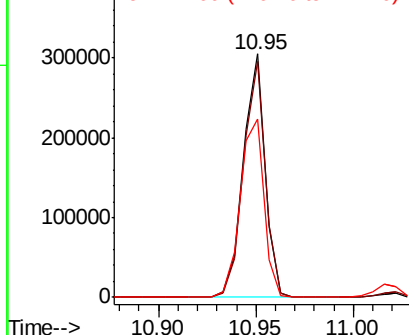
#67
4-Bromophenyl-phenylether
Concen: 39.250 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 236493
Ion Ratio Lower Upper
248 100
250 97.0 78.3 117.5
141 73.5 52.2 78.4

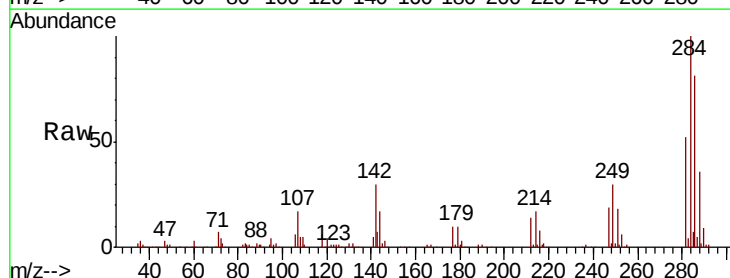


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

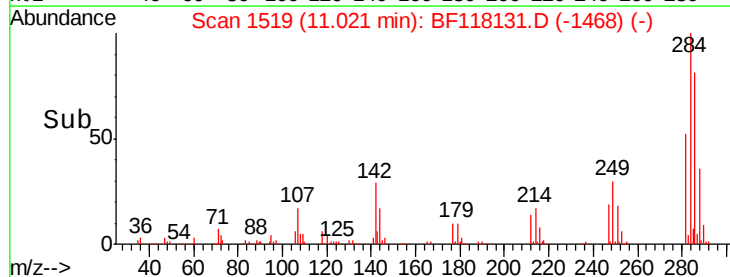
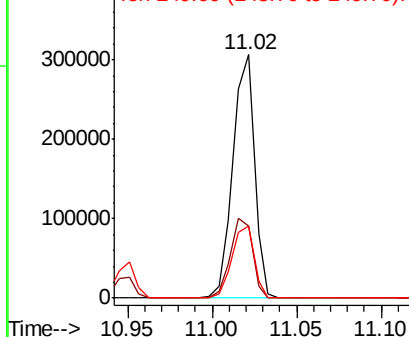


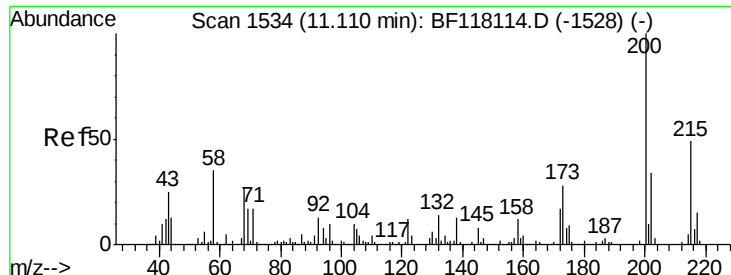
#68
Hexachlorobenzene
Concen: 38.408 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:284 Resp: 272382
Ion Ratio Lower Upper
284 100
142 29.7 29.7 44.5#
249 29.7 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

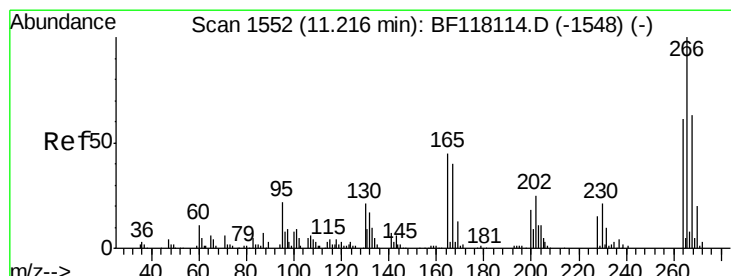
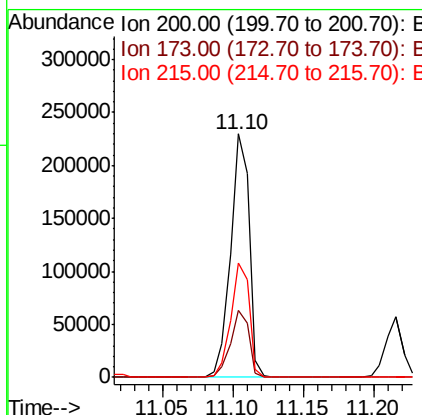
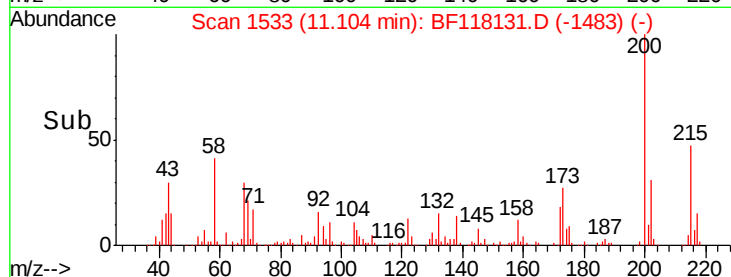
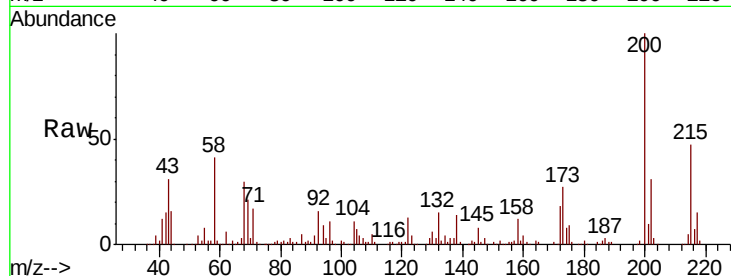




#69
 Atrazine
 Concen: 49.840 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF118131.D
 Acq: 7 Dec 2019 16:12

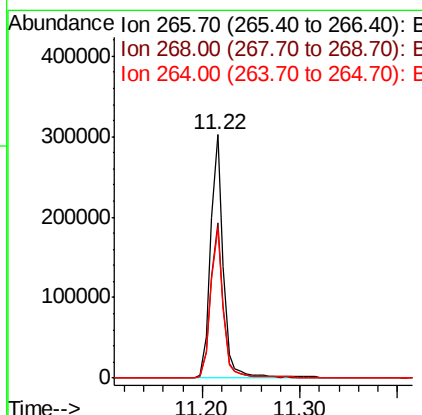
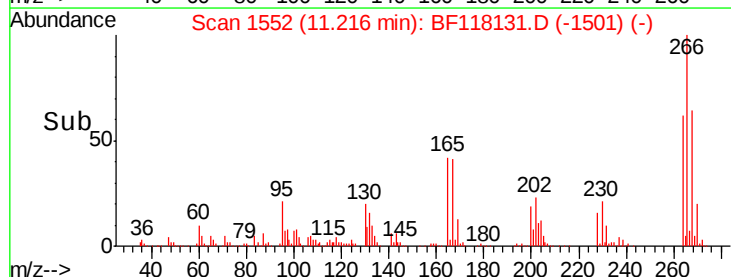
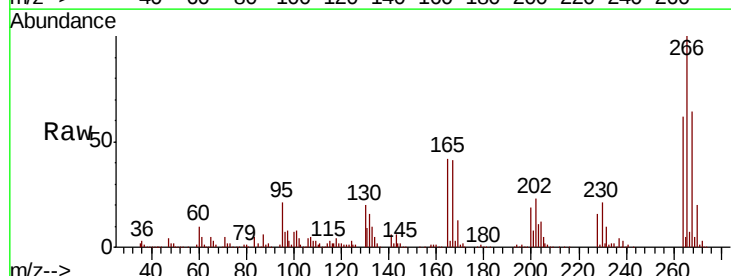
Instrument :
 BNA_F
 ClientSampleId :

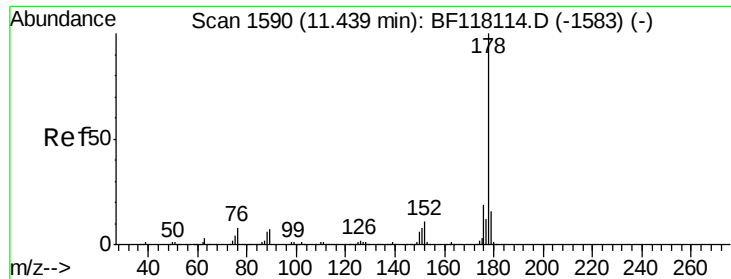
Tot Ion:200 Resp: 210837
 Ion Ratio Lower Upper
 200 100
 173 27.4 8.1 48.1
 215 47.2 29.0 69.0



#70
 Pentachlorophenol
 Concen: 82.875 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF118131.D
 Acq: 7 Dec 2019 16:12

Tgt Ion:266 Resp: 276397
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.7 76.1
 264 61.7 48.7 73.1

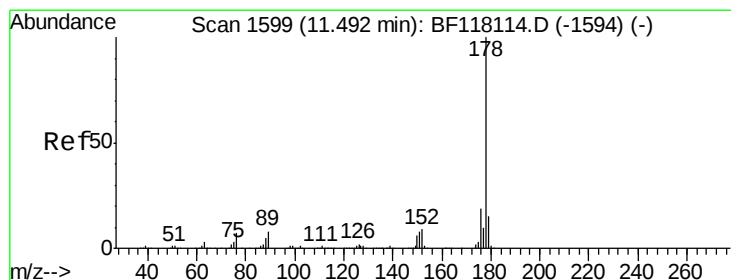
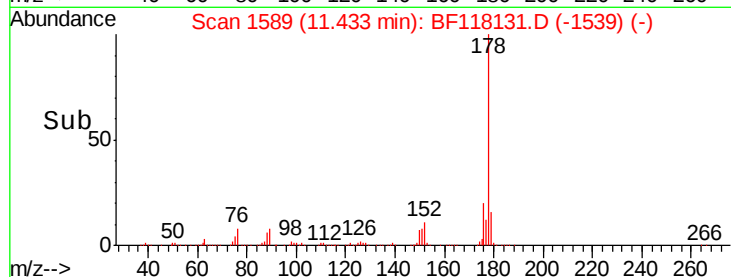
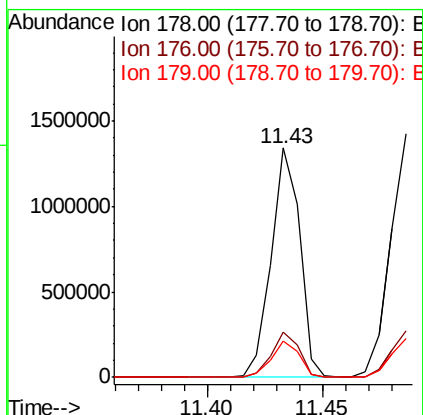
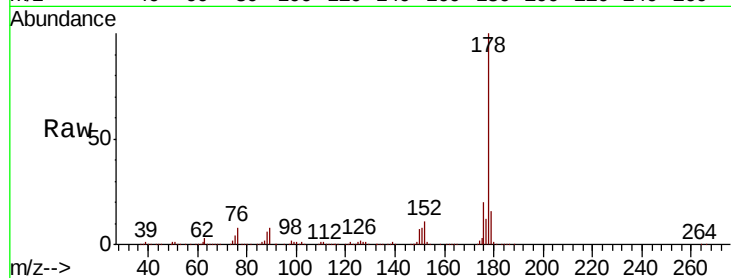




#71
Phenanthrene
Concen: 41.163 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

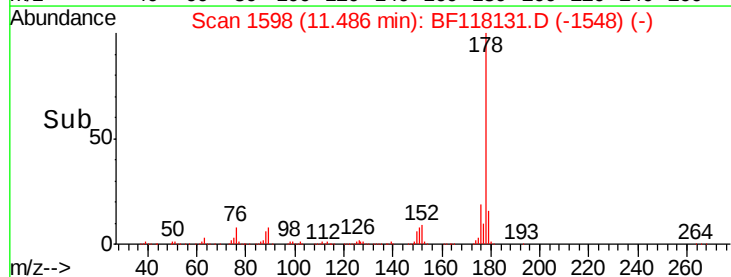
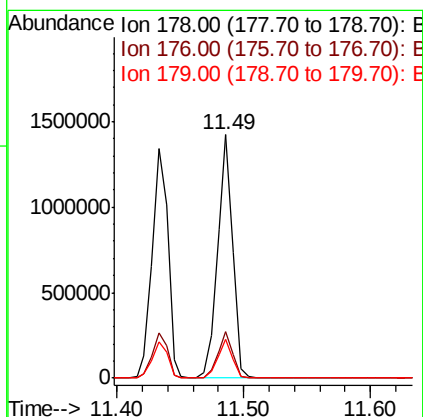
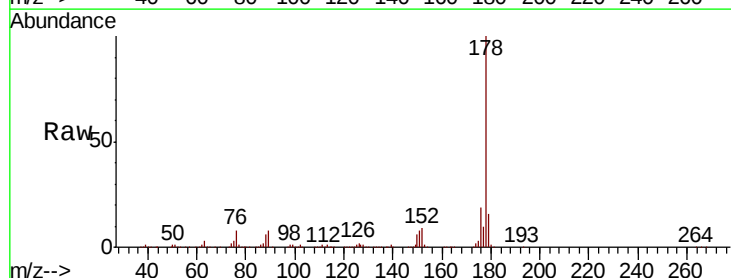
Instrument :
BNA_F
ClientSampleId :

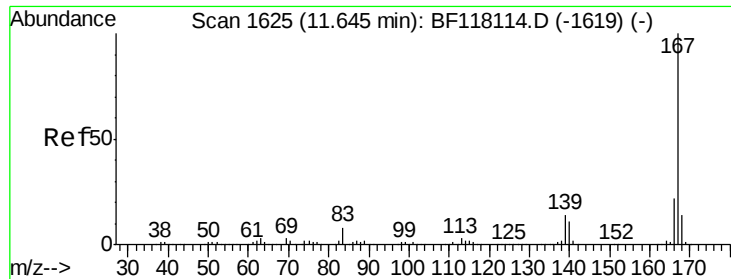
Tot Ion:178 Resp: 1154987
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.7 12.6 18.8



#72
Anthracene
Concen: 42.670 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:178 Resp: 1194377
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.8 12.2 18.4

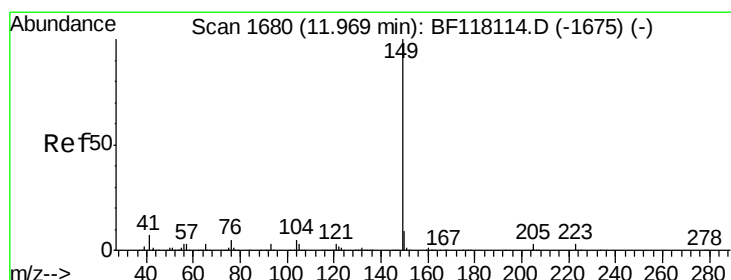
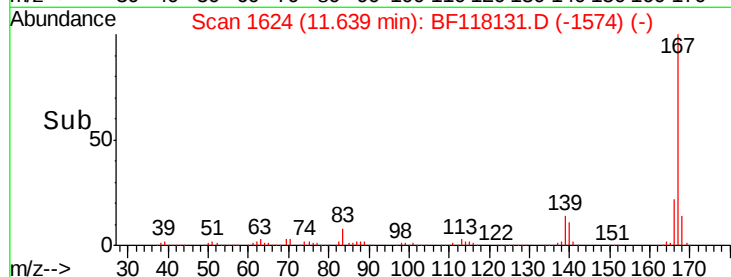
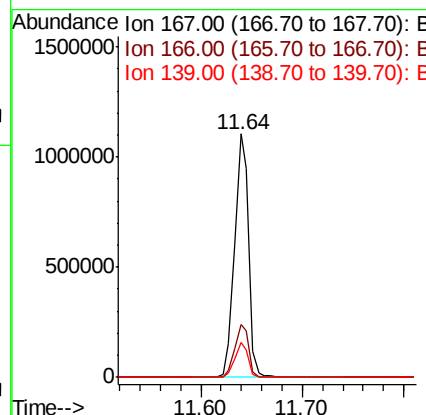
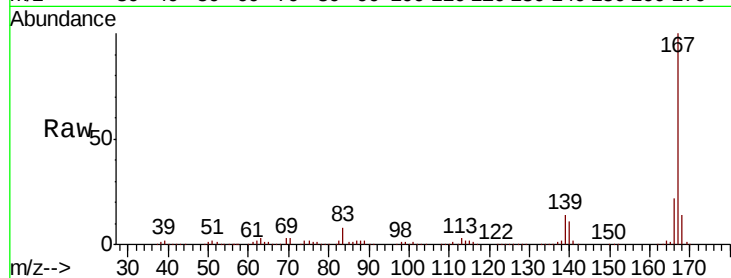




#73
 Carbazole
 Concen: 42.061 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118131.D
 Acq: 7 Dec 2019 16:12

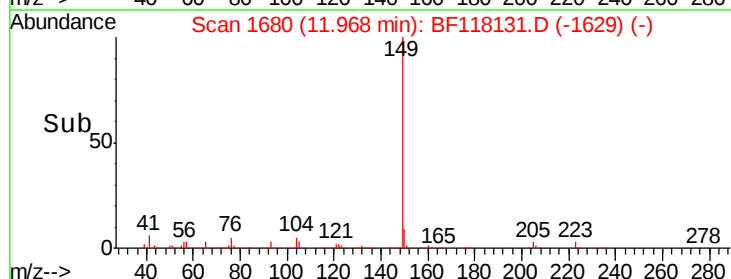
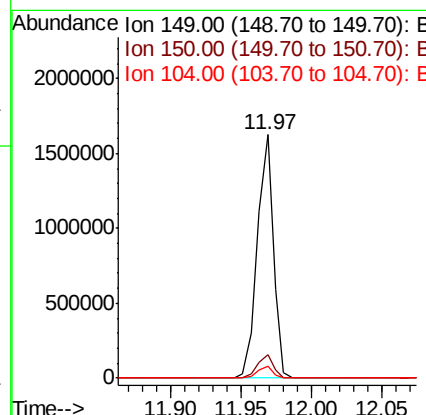
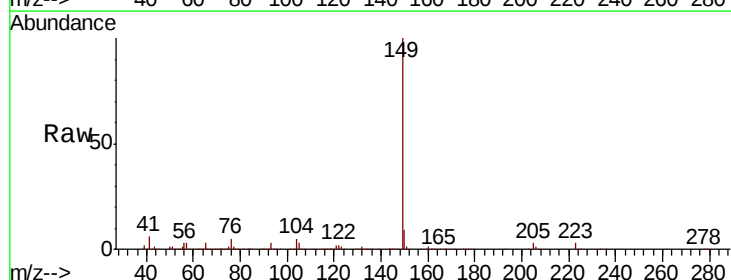
Instrument :
 BNA_F
 ClientSampleId :

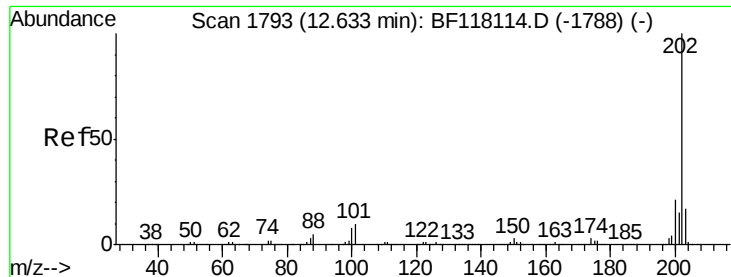
Tot Ion:167 Resp: 1056309
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 14.4 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 41.678 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118131.D
 Acq: 7 Dec 2019 16:12

Tgt Ion:149 Resp: 1309959
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.0 4.3 6.5



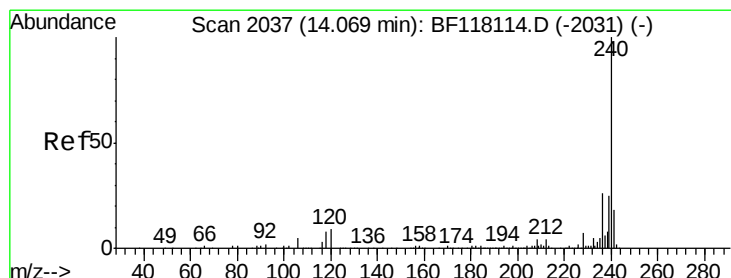
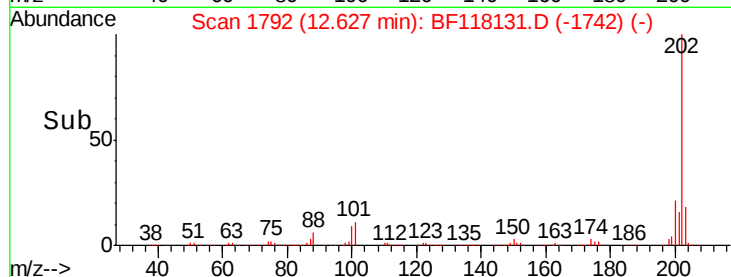
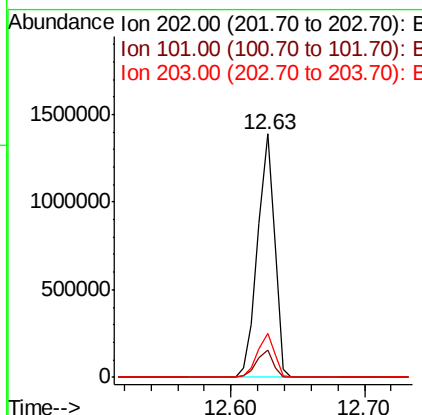
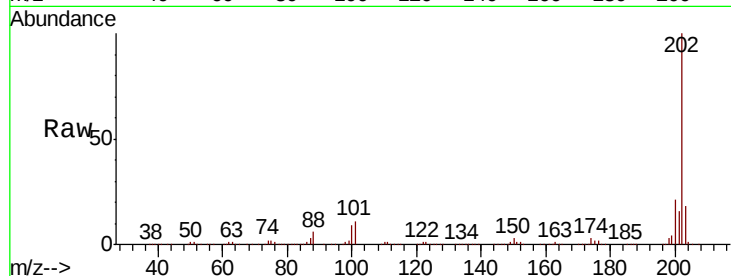


#75
 Fluoranthene
 Concen: 42.066 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF118131.D
 Acq: 7 Dec 2019 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1206777

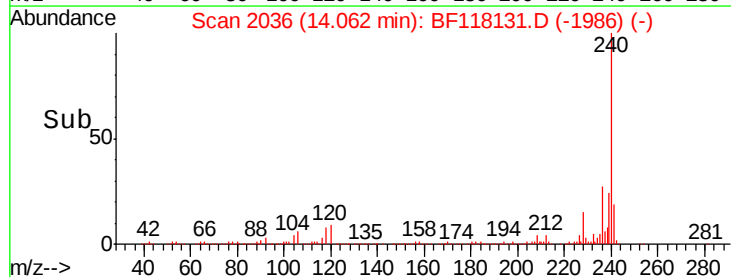
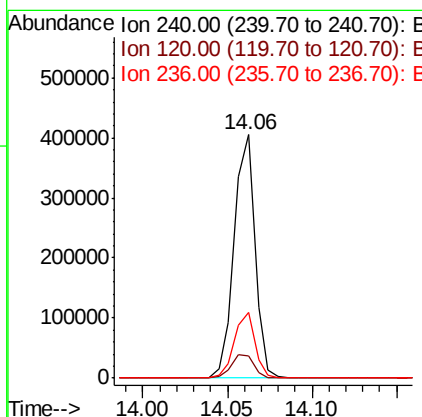
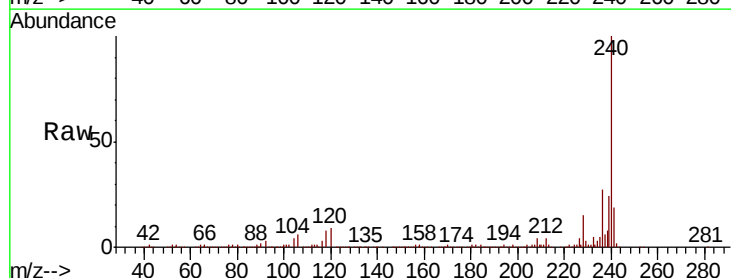
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.4
203	18.2	0.0	37.2

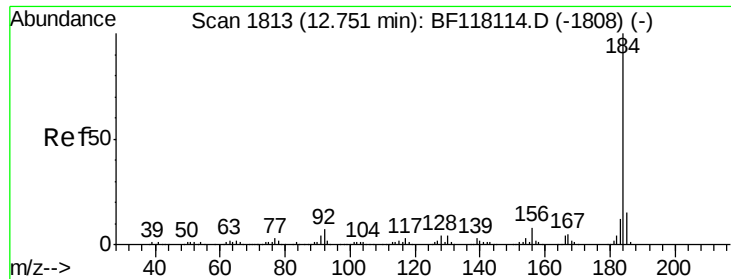


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF118131.D
 Acq: 7 Dec 2019 16:12

Tgt Ion:240 Resp: 348273

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.1	10.7
236	26.8	21.0	31.6





#77

Benzidine

Concen: 36.184 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampled :

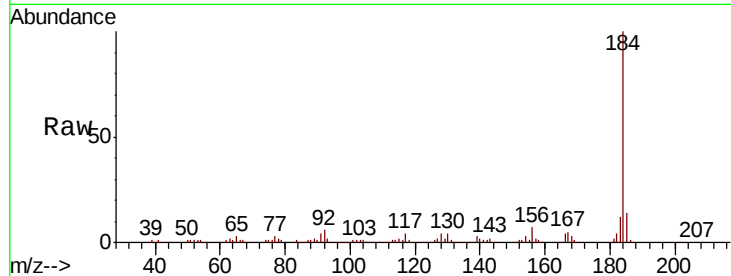
Tot Ion:184 Resp: 331744

Ion Ratio Lower Upper

184 100

185 13.7 12.3 18.5

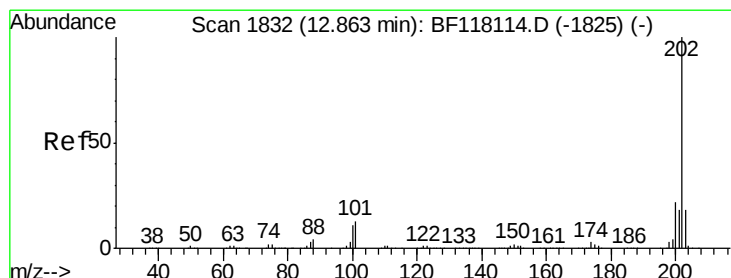
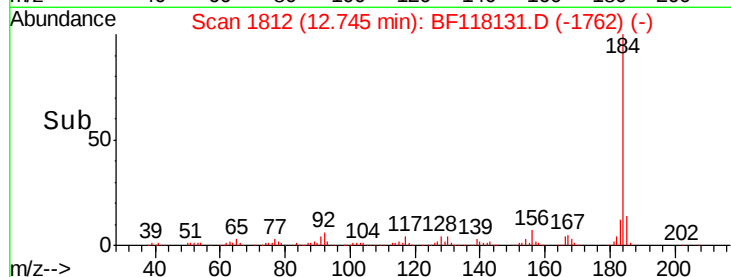
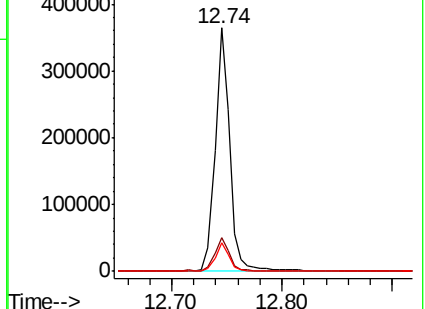
183 11.8 9.9 14.9



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: 44.783 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

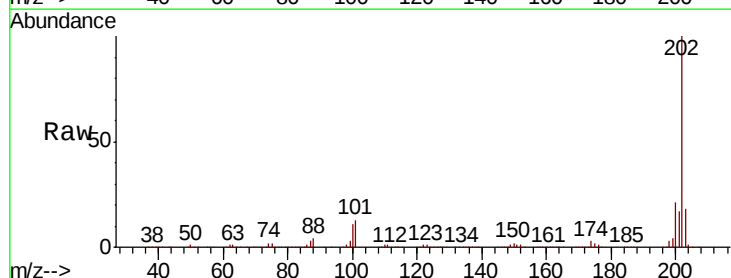
Tgt Ion:202 Resp: 1229088

Ion Ratio Lower Upper

202 100

200 21.2 17.5 26.3

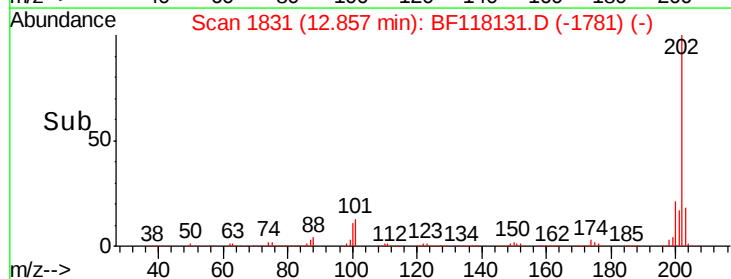
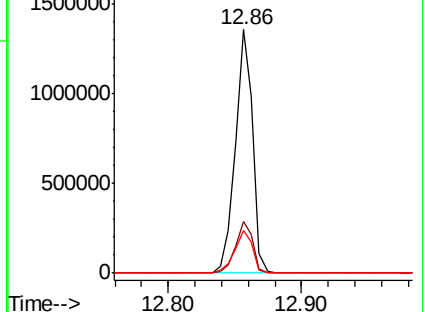
203 17.7 14.6 21.8

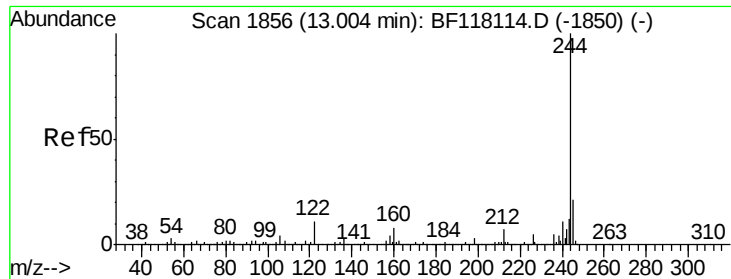


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.773 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampleId :

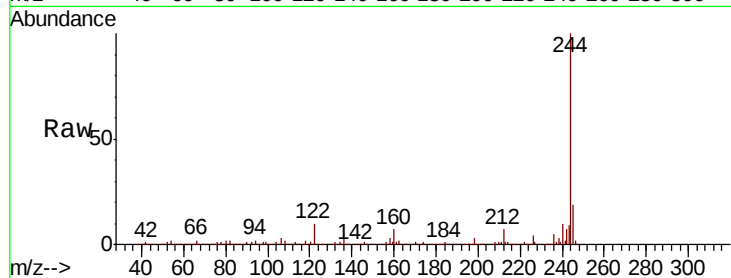
Tot Ion:244 Resp: 1291581

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

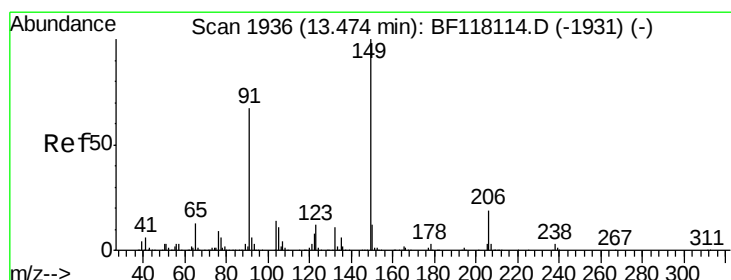
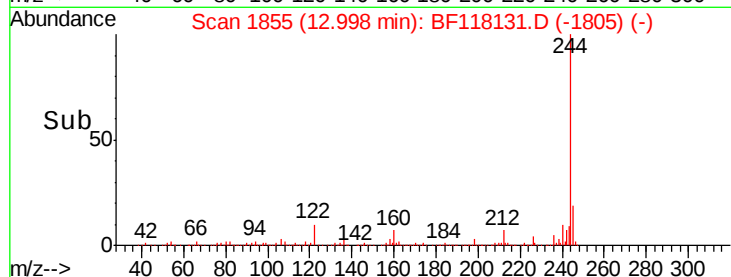
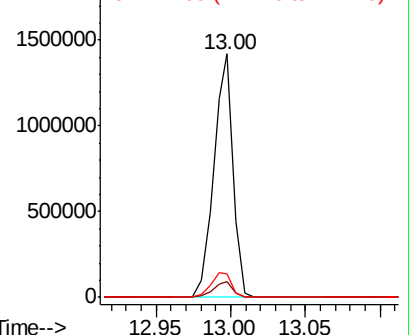
122 9.8 9.0 13.6



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: 45.008 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

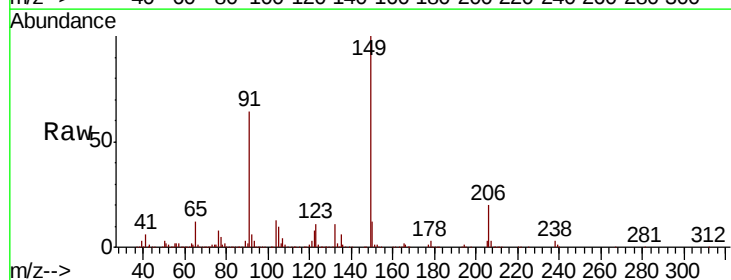
Tgt Ion:149 Resp: 559433

Ion Ratio Lower Upper

149 100

91 64.1 53.9 80.9

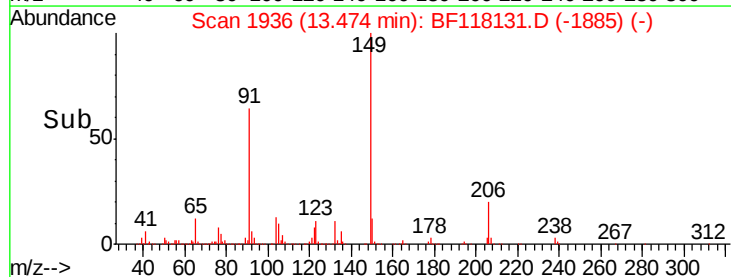
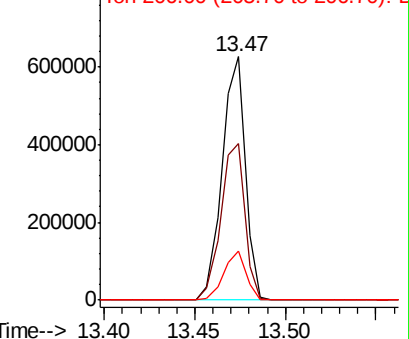
206 20.4 15.2 22.8

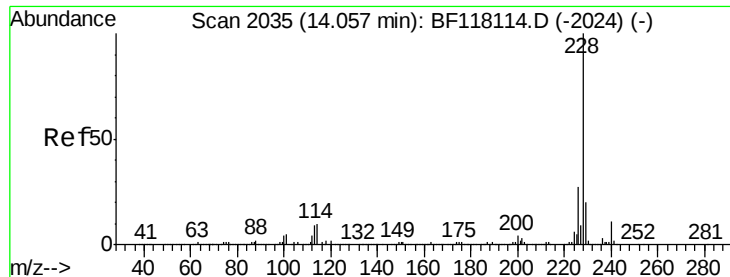


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.561 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampleId :

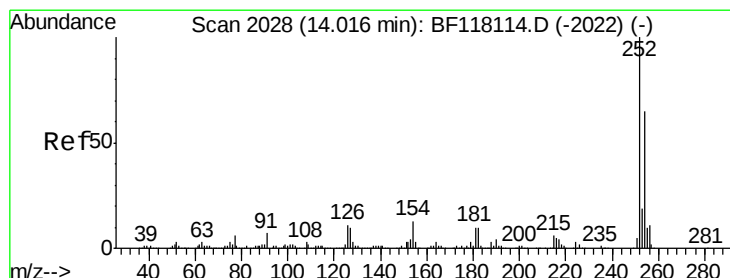
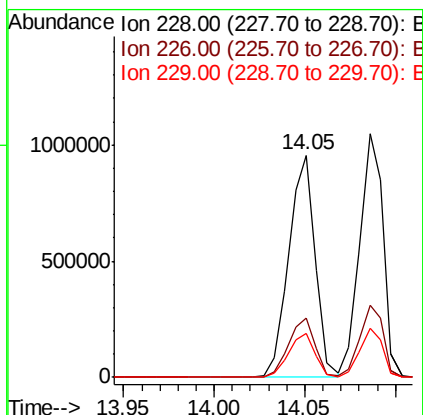
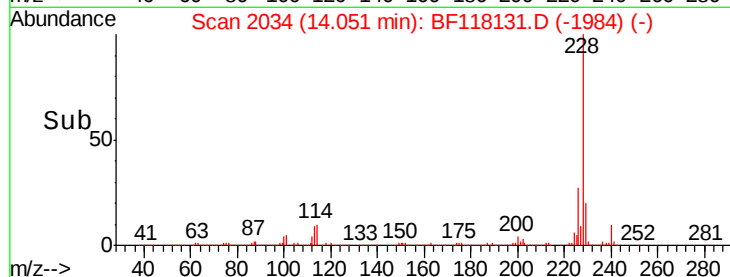
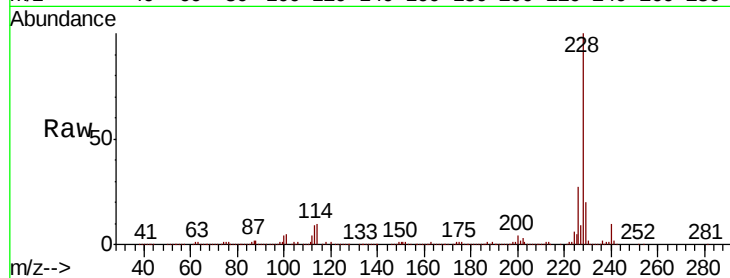
Tot Ion:228 Resp: 976783

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 16.949 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

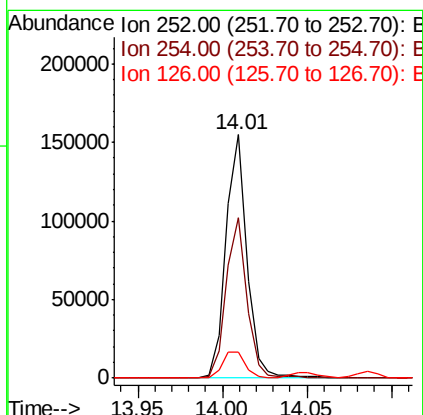
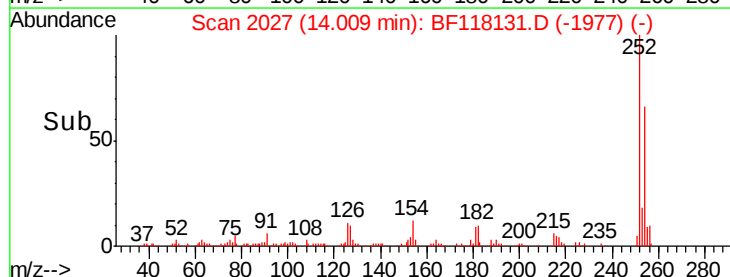
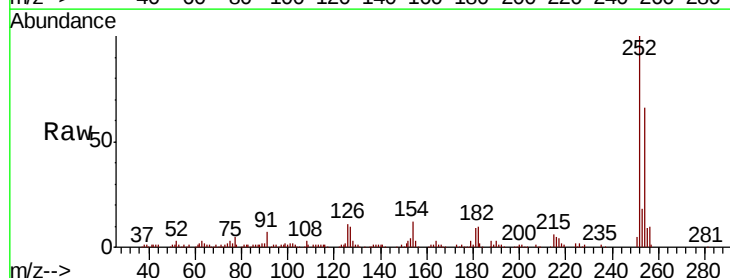
Tgt Ion:252 Resp: 134050

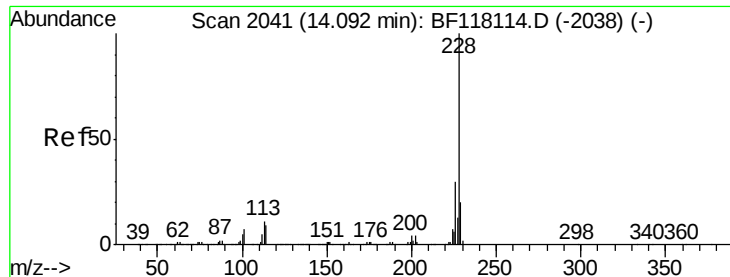
Ion Ratio Lower Upper

252 100

254 65.6 52.2 78.4

126 10.5 8.6 13.0





#83

Chrvsene

Concen: 41.105 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Instrument :

BNA_F

ClientSampled :

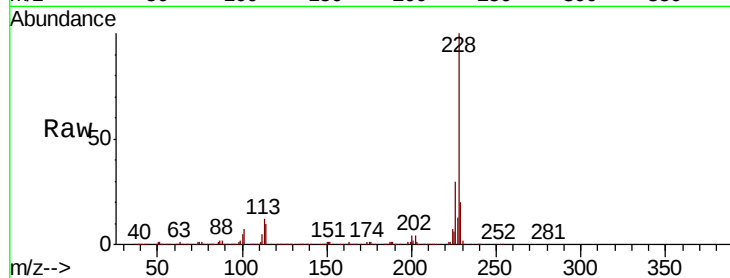
Tot Ion:228 Resp: 945566

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

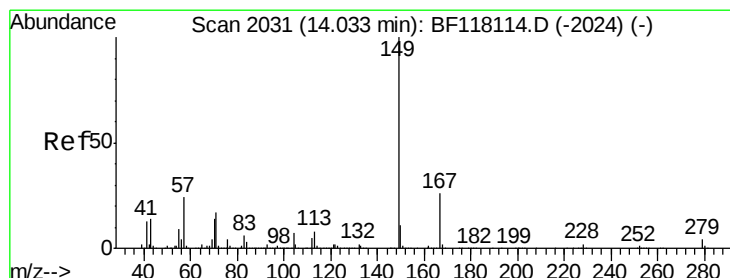
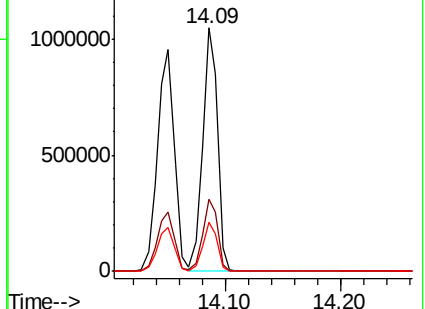
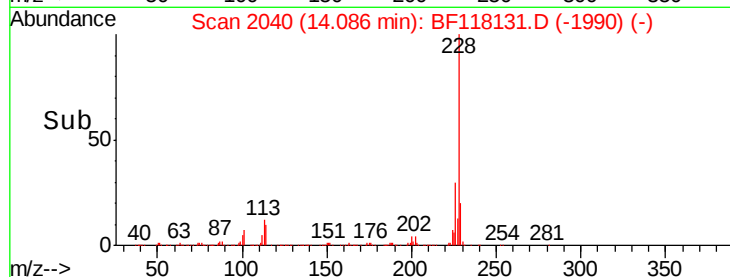
229 20.1 15.7 23.5



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: 48.223 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

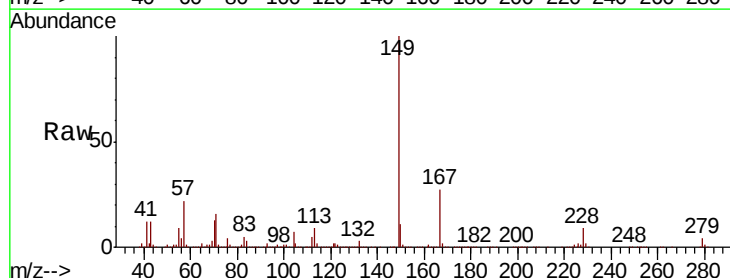
Tgt Ion:149 Resp: 790359

Ion Ratio Lower Upper

149 100

167 26.7 20.8 31.2

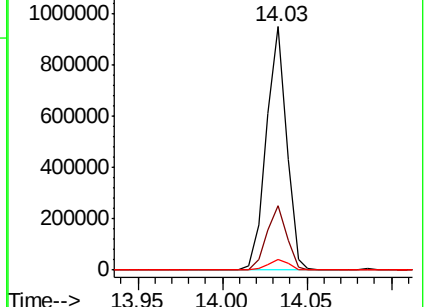
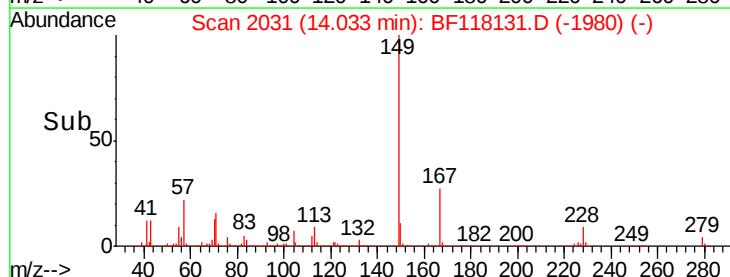
279 4.4 2.9 4.3#

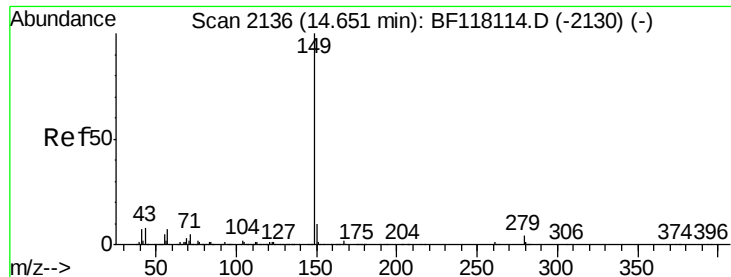


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.810 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

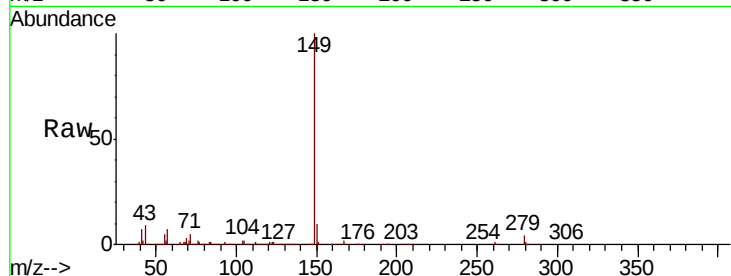
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1187015

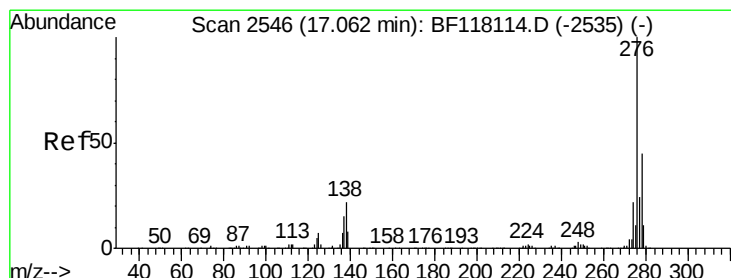
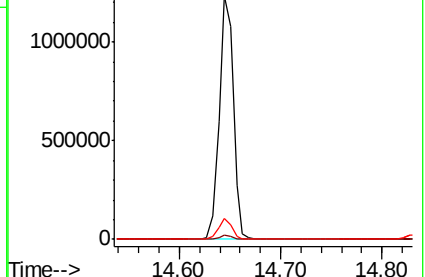
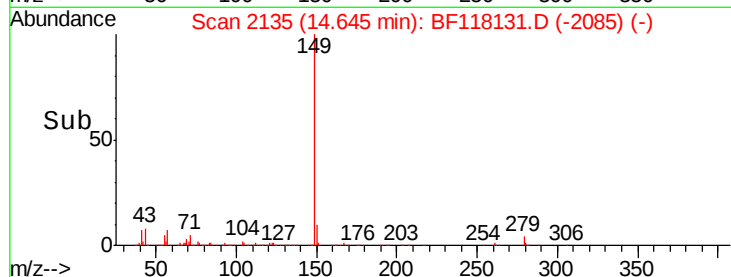
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.1	6.5	9.7



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: 46.495 ng

RT: 17.06 min Scan# 2545

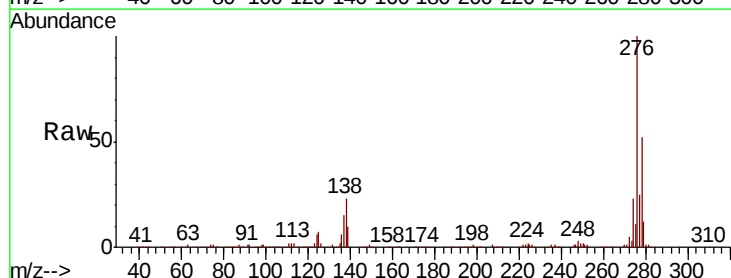
Delta R.T. -0.01 min

Lab File: BF118131.D

Acq: 7 Dec 2019 16:12

Tgt Ion:276 Resp: 899926

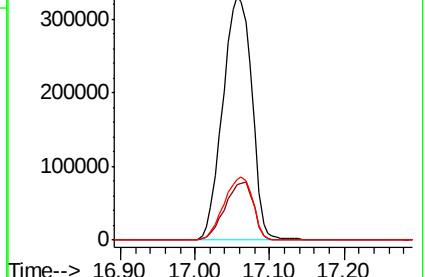
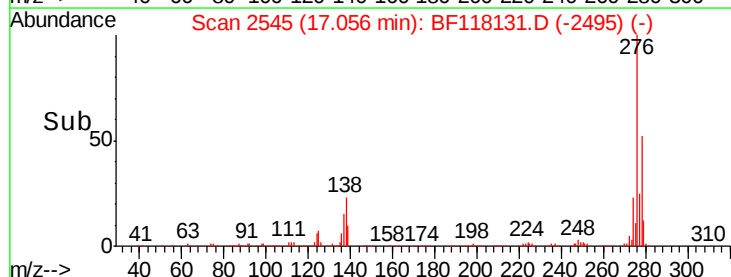
Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.9	28.3
277	25.6	20.4	30.6

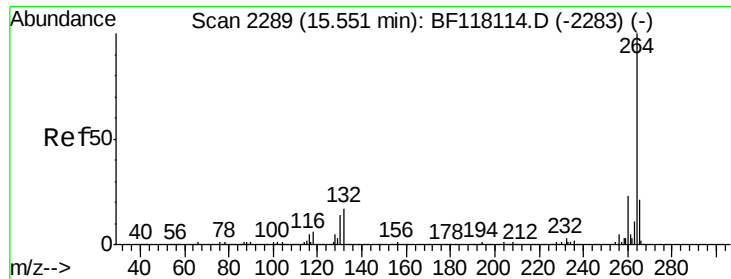


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

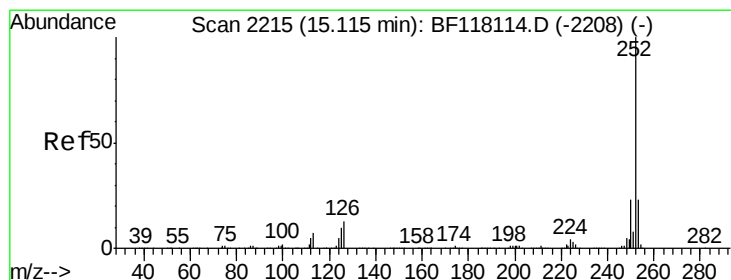
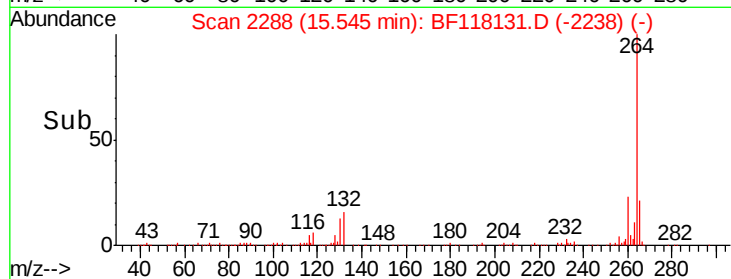
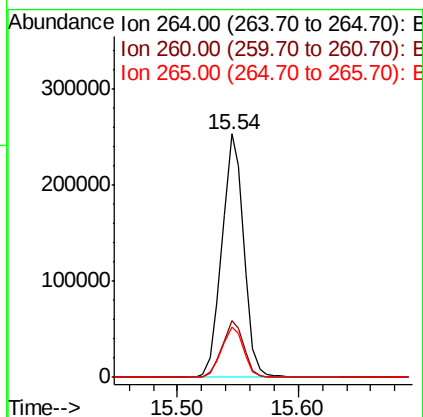
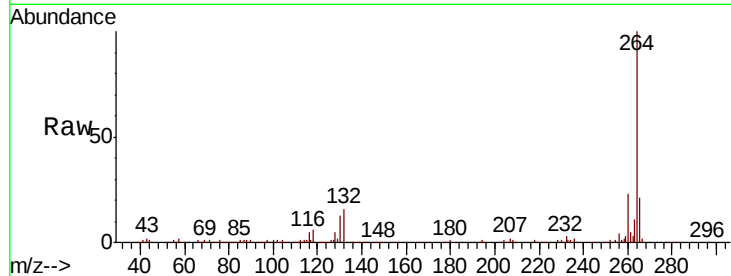




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

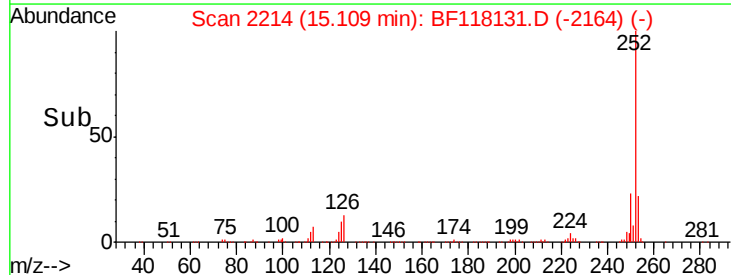
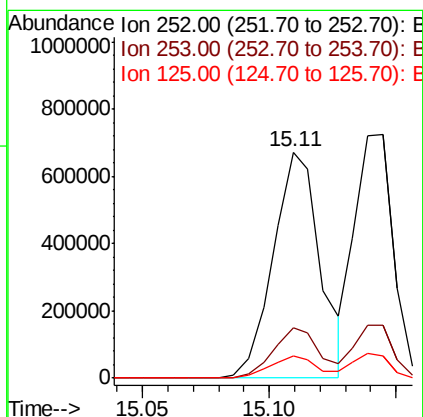
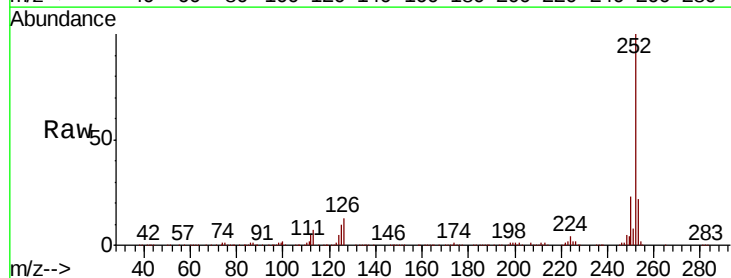
Instrument :
BNA_F
ClientSampleId :

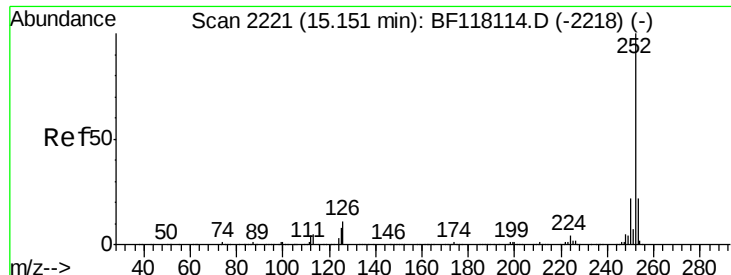
Tot Ion:264 Resp: 316806
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 20.8 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 41.602 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:252 Resp: 871659
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 9.8 8.3 12.5

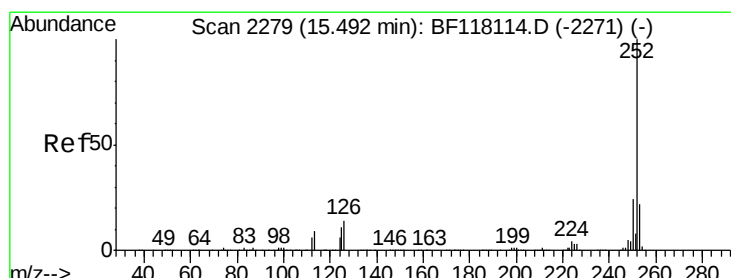
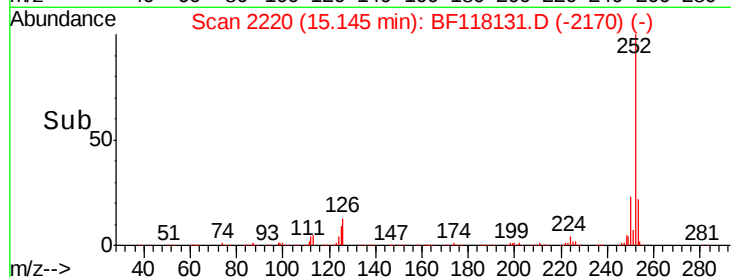
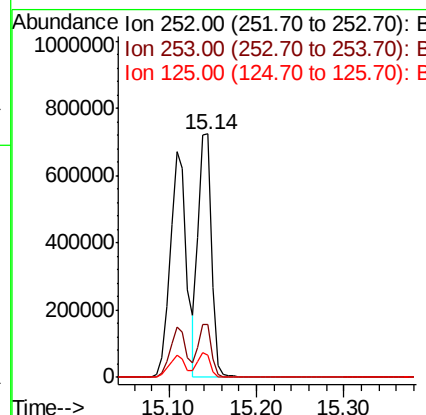
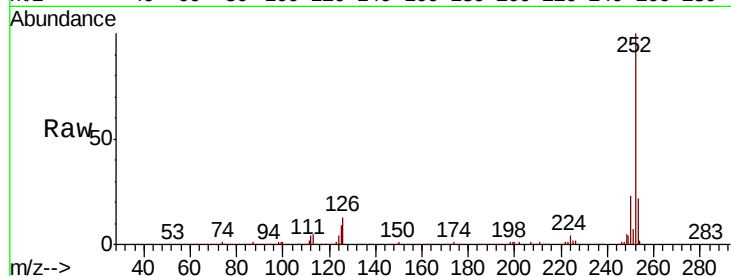




#89
Benzo(k)fluoranthene
Concen: 38.485 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

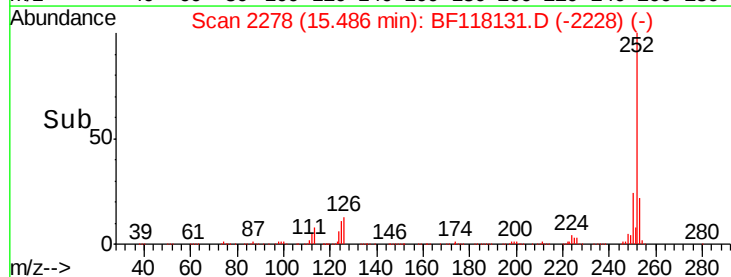
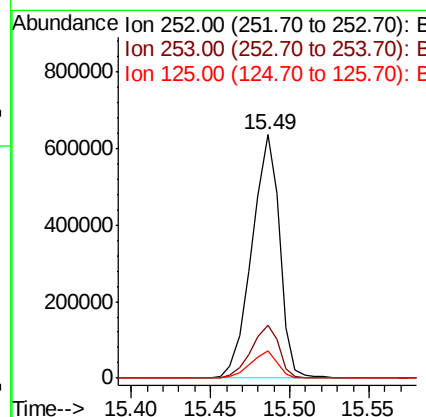
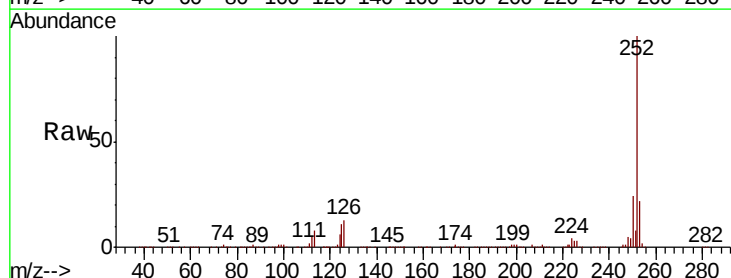
Instrument :
BNA_F
ClientSampleId :

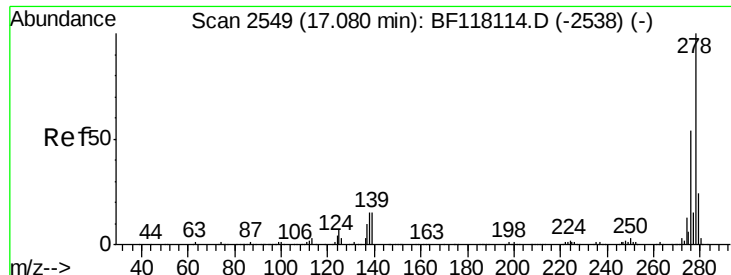
Tot Ion:252 Resp: 774632
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 8.9 6.7 10.1



#90
Benzo(a)pyrene
Concen: 41.764 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion:252 Resp: 772839
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.1 9.1 13.7

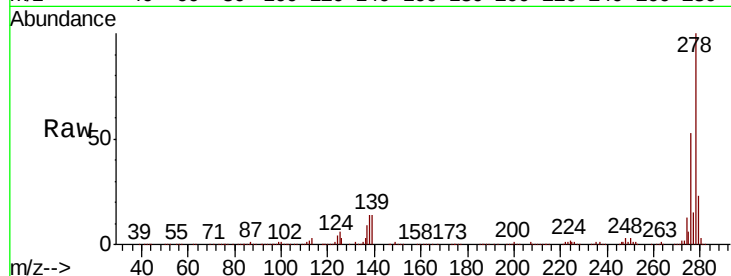




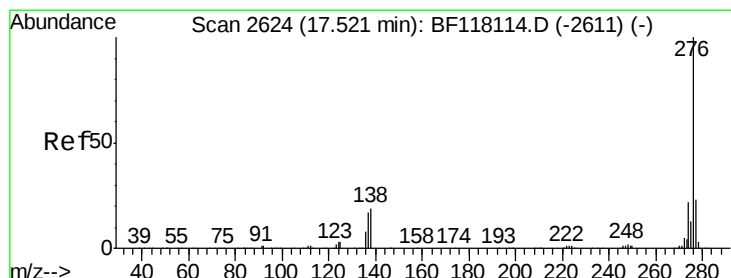
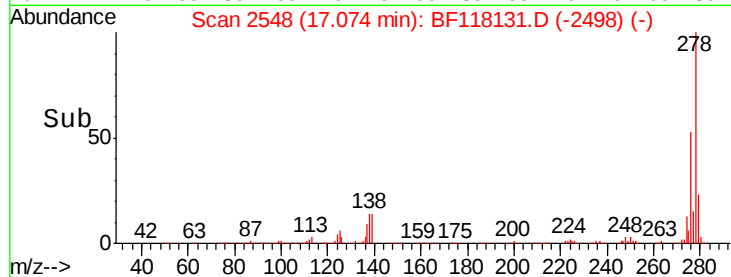
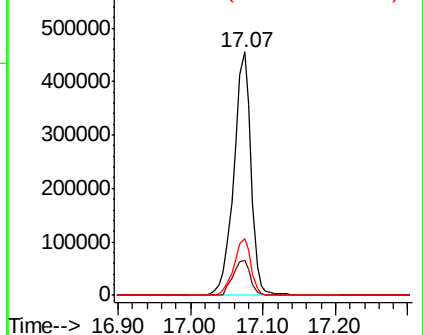
#91
Dibenzo(a,h)anthracene
Concen: 47.496 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.7	17.5
279	23.5	19.0	28.4

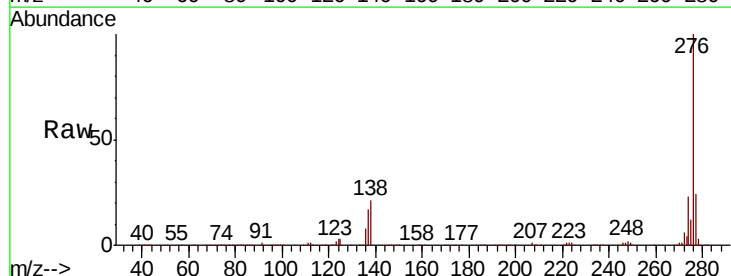


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.091 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF118131.D
Acq: 7 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.2	27.4
138	20.7	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

