

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118227.D
 Acq On : 17 Dec 2019 15:37
 Operator : JU
 Sample : K6284-01MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 05:02:51 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	144334	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	589952	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	322943	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	585889	20.00	ng	0.00
76) Chrysene-d12	14.06	240	375299	20.00	ng	0.00
87) Perylene-d12	15.55	264	336249	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	781560	94.84	ng	0.00
7) Phenol-d6	6.50	99	1007717	101.10	ng	0.00
23) Nitrobenzene-d5	7.43	82	613685	58.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	357521	91.13	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1301932	61.34	ng	-0.01
79) Terphenyl-d14	13.00	244	1449555	66.42	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	115262	33.171	ng	97
3) Pyridine	3.45	79	281768	31.431	ng	98
4) n-Nitrosodimethylamine	3.40	42	148182	38.423	ng	94
6) Aniline	6.53	93	200646	15.737	ng	97
8) 2-Chlorophenol	6.65	128	389205	41.885	ng	100
9) Benzaldehyde	6.41	77	128714	20.790	ng	97
10) Phenol	6.51	94	476808	41.946	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	324227	39.438	ng	96
12) 1,3-Dichlorobenzene	6.80	146	409597	37.734	ng	96
13) 1,4-Dichlorobenzene	6.88	146	423036	38.703	ng	98
14) 1,2-Dichlorobenzene	7.03	146	400515	39.018	ng	98
15) Benzyl Alcohol	7.00	79	325588	41.846	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	385508	39.000	ng	92
17) 2-Methylphenol	7.12	107	308029	41.679	ng	98
18) Hexachloroethane	7.37	117	152008	37.742	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	251384	41.505	ng	98
20) 3+4-Methylphenols	7.27	107	401926	43.296	ng	97
22) Acetophenone	7.27	105	530985	37.463	ng	# 97
24) Nitrobenzene	7.45	77	386443	37.508	ng	99
25) Isophorone	7.69	82	692318	38.945	ng	98
26) 2-Nitrophenol	7.76	139	215741	39.177	ng	91
27) 2,4-Dimethylphenol	7.80	122	325671	44.336	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	436931	37.614	ng	99
29) 2,4-Dichlorophenol	8.01	162	336795	39.331	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	363075	36.281	ng	98
31) Naphthalene	8.17	128	1146957	38.711	ng	100
32) Benzoic acid	7.93	122	185912	28.031	ng	98
33) 4-Chloroaniline	8.22	127	89709	7.012	ng	97
34) Hexachlorobutadiene	8.29	225	217273	36.207	ng	99
35) Caprolactam	8.60	113	52647	19.936	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	360174	39.968	ng	97
37) 2-Methylnaphthalene	8.86	142	794715	39.619	ng	99
38) 1-Methylnaphthalene	8.96	142	742391	39.417	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	358246	36.619	ng	99

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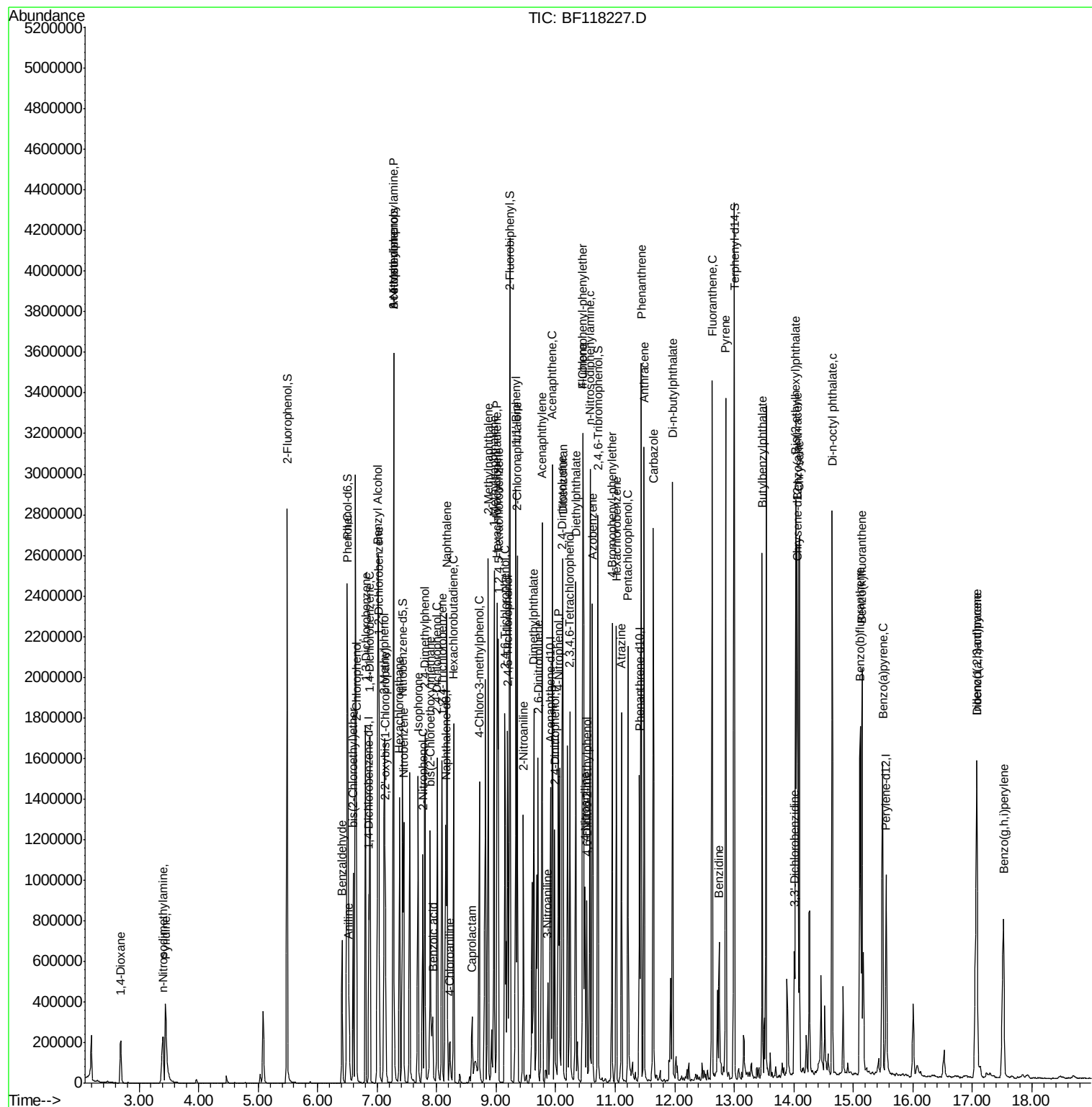
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	361135	82.389	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	248736	38.080	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	258541	38.204	ng	97
46) 1,1'-Biphenyl	9.33	154	970784	38.115	ng	99
47) 2-Chloronaphthalene	9.36	162	743681	36.298	ng	96
48) 2-Nitroaniline	9.46	65	199455	34.137	ng	96
49) Acenaphthylene	9.77	152	1180597	39.068	ng	99
50) Dimethylphthalate	9.63	163	950772	39.858	ng	99
51) 2,6-Dinitrotoluene	9.70	165	200928	38.738	ng	99
52) Acenaphthene	9.95	154	688854	37.347	ng	98
53) 3-Nitroaniline	9.87	138	86509	14.172	ng	97
54) 2,4-Dinitrophenol	9.98	184	172013	66.657	ng	99
55) Dibenzofuran	10.12	168	1032731	38.212	ng	99
56) 4-Nitrophenol	10.05	139	290246	68.515	ng	97
57) 2,4-Dinitrotoluene	10.11	165	264934	38.268	ng	95
58) Fluorene	10.46	166	827212	38.515	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	215699	38.633	ng	99
60) Diethylphthalate	10.33	149	915233	38.942	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	414007	38.310	ng	95
62) 4-Nitroaniline	10.49	138	203720	31.999	ng	99
63) Azobenzene	10.62	77	775225	38.639	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	129550	40.039	ng	90
66) n-Nitrosodiphenylamine	10.57	169	729694	39.882	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	261445	39.091	ng	# 92
68) Hexachlorobenzene	11.02	284	294605	37.425	ng	98
69) Atrazine	11.10	200	218169	44.558	ng	98
70) Pentachlorophenol	11.22	266	269013	72.668	ng	98
71) Phenanthrene	11.43	178	1253152	40.236	ng	99
72) Anthracene	11.49	178	1237065	39.816	ng	100
73) Carbazole	11.64	167	1050115	37.671	ng	100
74) Di-n-butylphthalate	11.96	149	1432476	41.060	ng	99
75) Fluoranthene	12.63	202	1304135	40.955	ng	98
77) Benzidine	12.75	184	250324	25.337	ng	99
78) Pyrene	12.86	202	1344359	45.456	ng	99
80) Butylbenzylphthalate	13.47	149	575251	42.948	ng	100
81) Benzo(a)anthracene	14.05	228	1031698	39.756	ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	128480	15.075	ng	100
83) Chrysene	14.09	228	992040	40.020	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	840411	47.584	ng	100
85) Di-n-octyl phthalate	14.64	149	1302949	48.701	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	870062	41.715	ng	99
88) Benzo(b)fluoranthene	15.12	252	874179	39.309	ng	99
89) Benzo(k)fluoranthene	15.14	252	818517	38.313	ng	99
90) Benzo(a)pyrene	15.49	252	798357	40.648	ng	98
91) Dibenzo(a,h)anthracene	17.08	278	718536	42.653	ng	99
92) Benzo(g,h,i)perylene	17.52	276	715132	44.177	ng	98

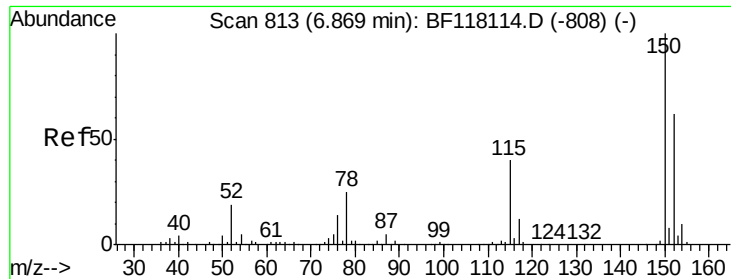
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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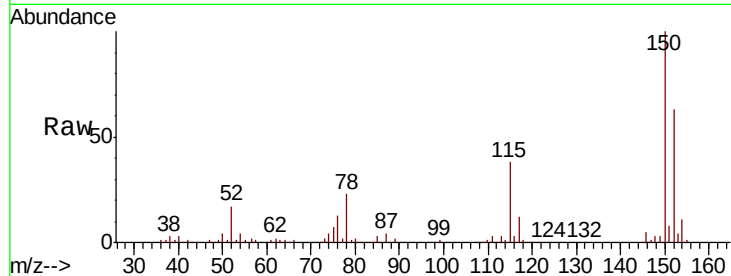


#1

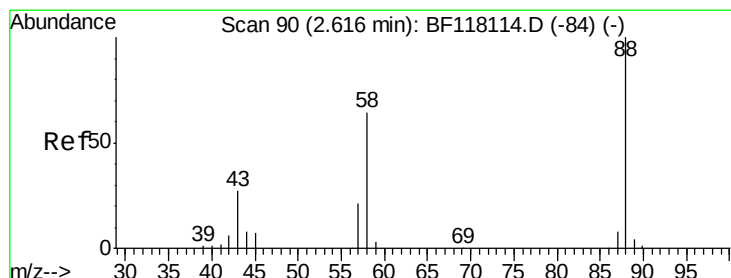
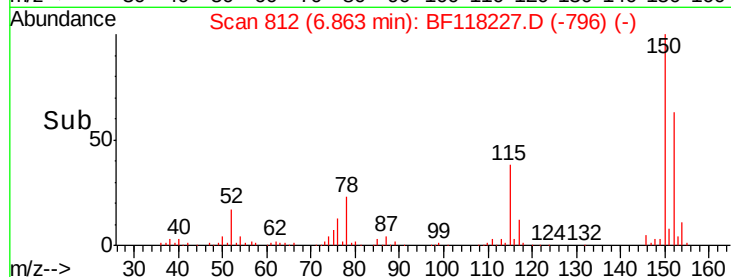
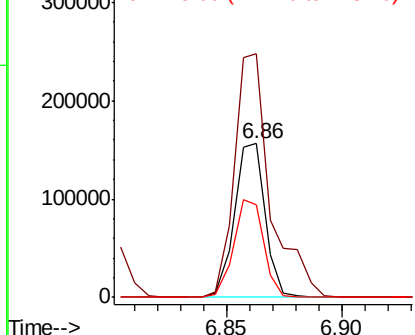
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144334
Ion Ratio Lower Upper
152 100
150 158.2 128.3 192.5
115 60.5 51.1 76.7



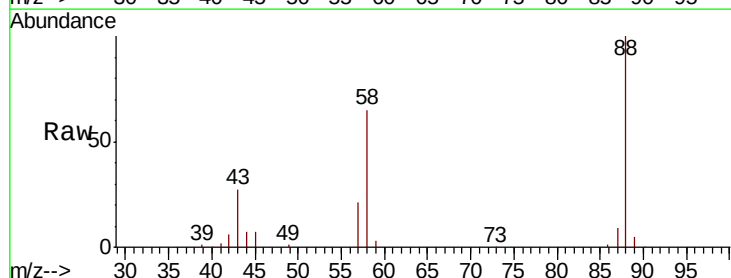
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



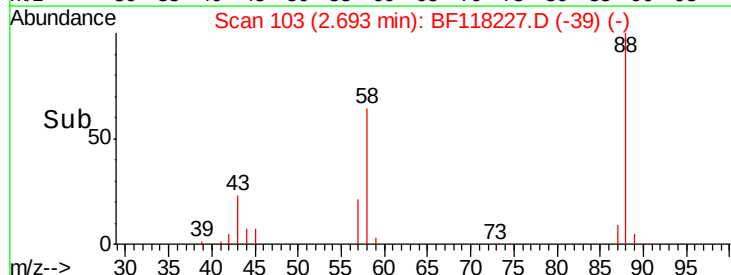
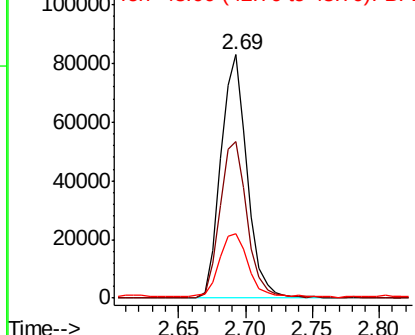
#2

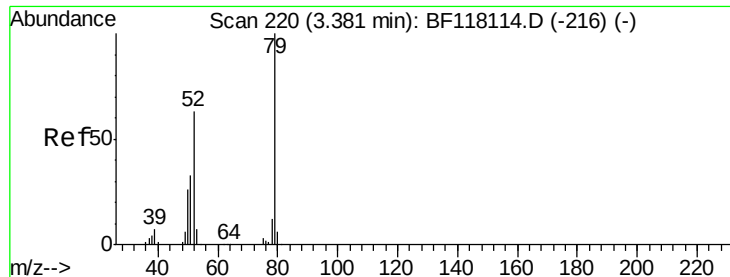
1,4-Dioxane
Concen: 33.171 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.08 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion: 88 Resp: 115262
Ion Ratio Lower Upper
88 100
58 67.0 52.2 78.4
43 28.9 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: 31.431 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

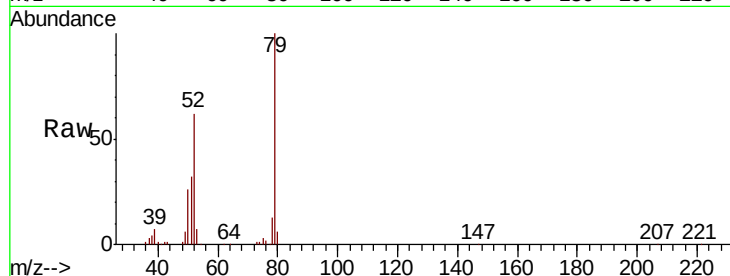
Tot Ion: 79 Resp: 281768

Ion Ratio Lower Upper

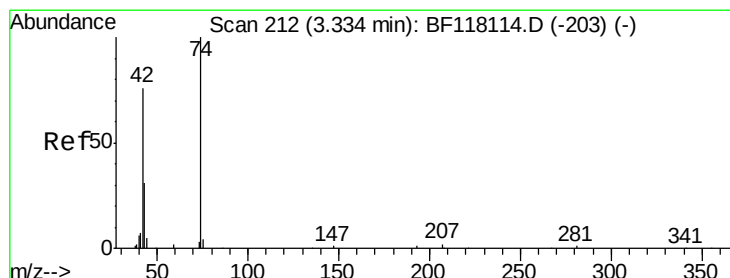
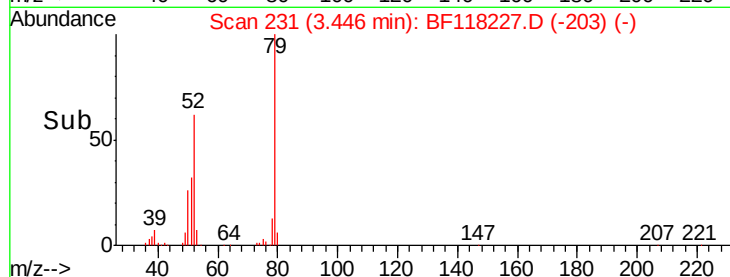
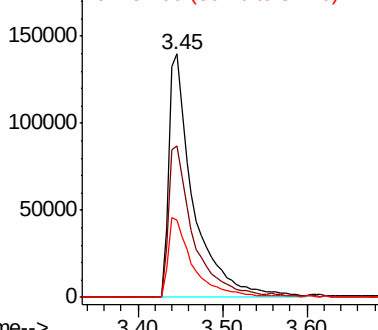
79 100

52 62.0 50.7 76.1

51 32.0 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: 38.423 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.06 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

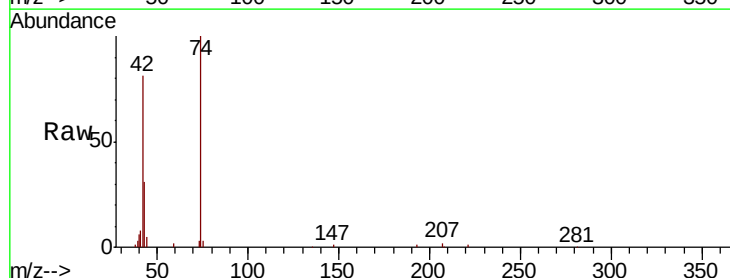
Tgt Ion: 42 Resp: 148182

Ion Ratio Lower Upper

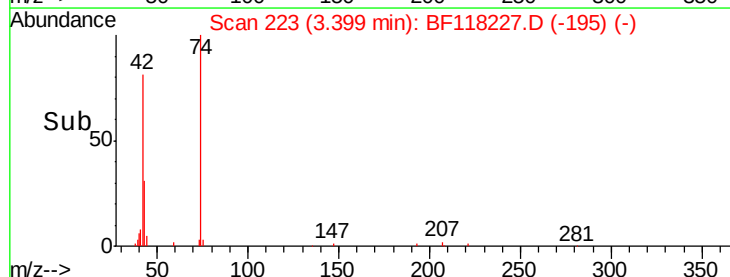
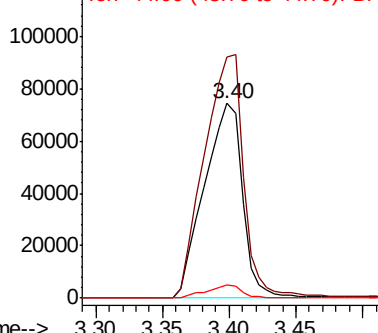
42 100

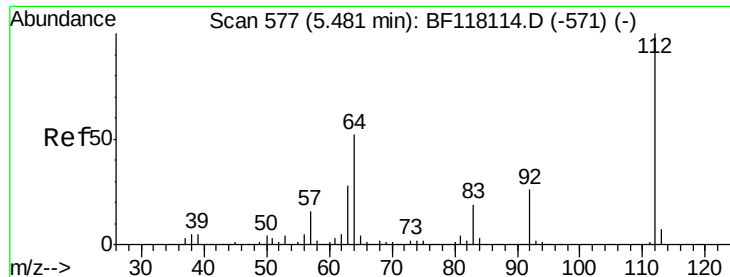
74 123.8 104.6 157.0

44 6.5 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: 94.841 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118227.D

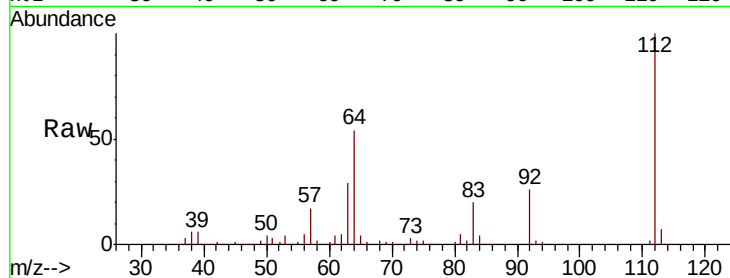
Acq: 17 Dec 2019 15:37

Instrument :

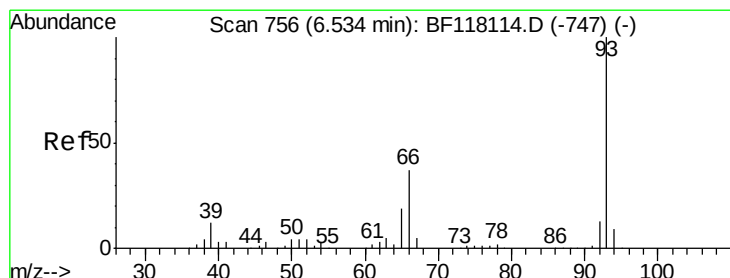
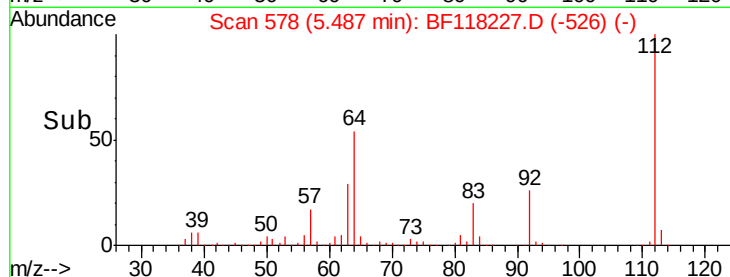
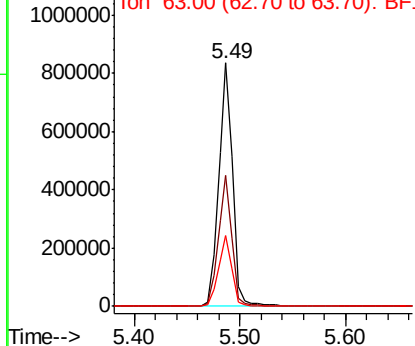
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	781560
Ion	Ratio	Lower	Upper
112	100		
64	53.9	41.3	61.9
63	29.2	22.4	33.6



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



#6

Aniline

Concen: 15.737 ng

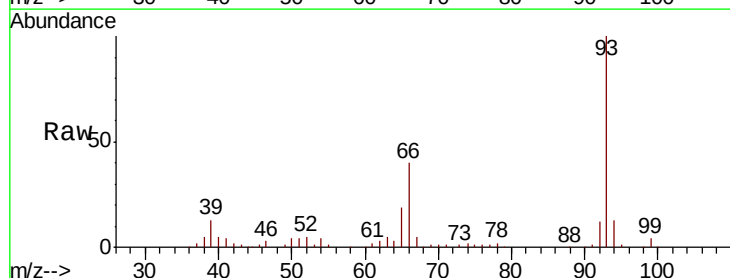
RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

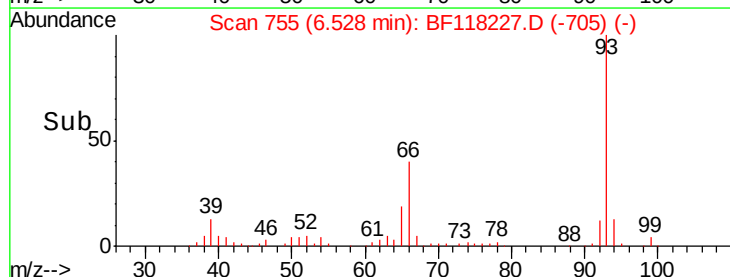
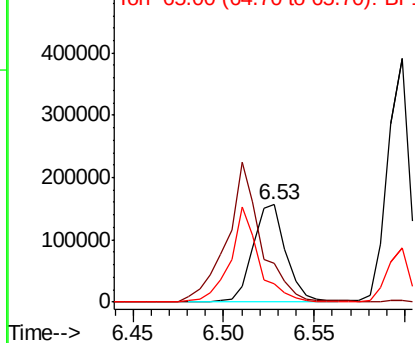
Lab File: BF118227.D

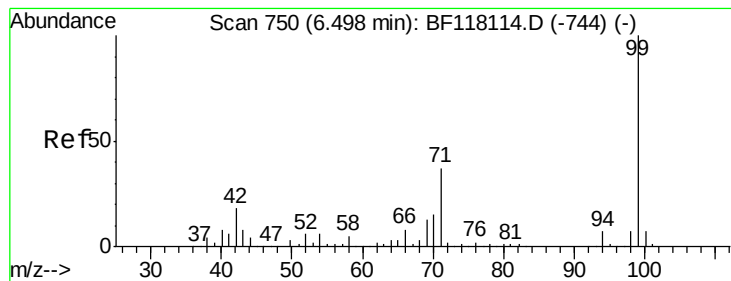
Acq: 17 Dec 2019 15:37

Tgt Ion:	93	Resp:	200646
Ion	Ratio	Lower	Upper
93	100		
66	40.0	30.2	45.2
65	19.1	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: 101.101 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

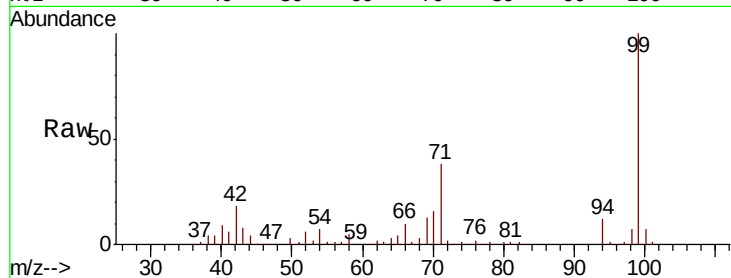
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1007717

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	37.9	29.7	44.5

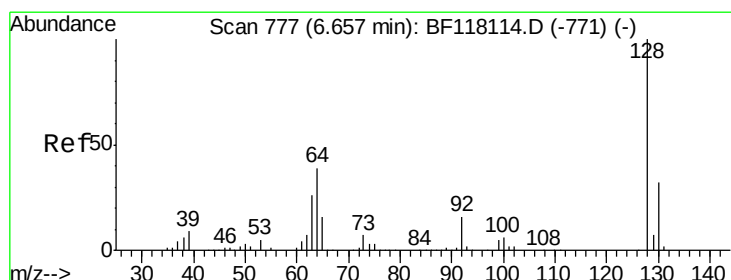
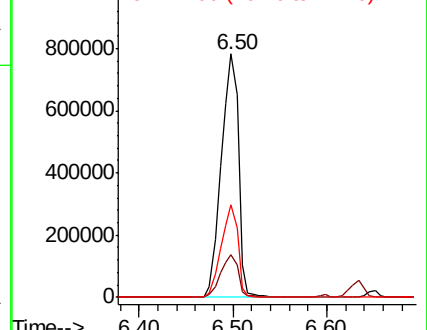
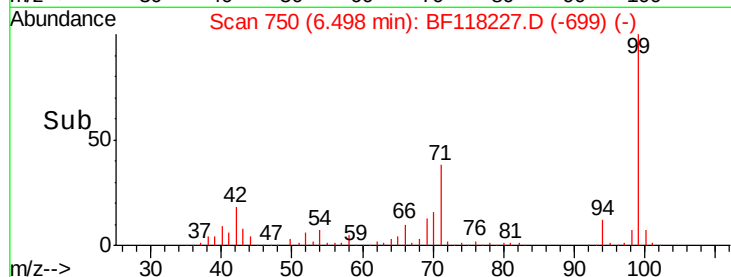


Abundance

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: 41.885 ng

RT: 6.65 min Scan# 776

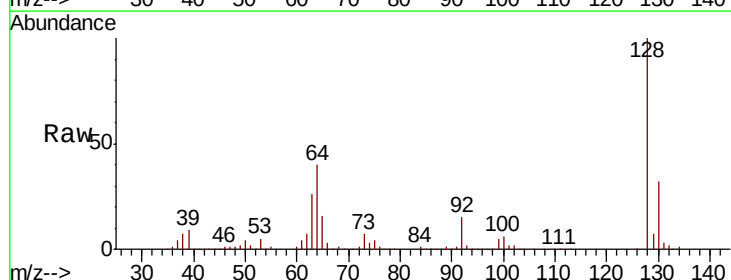
Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Tgt Ion: 128 Resp: 389205

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.1	52.1
64	39.6	19.3	59.3

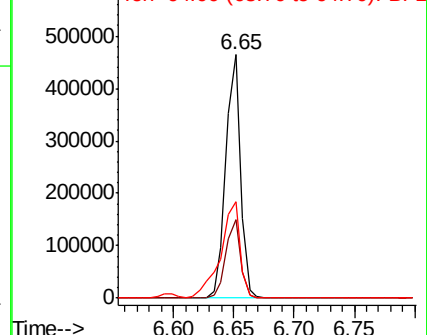
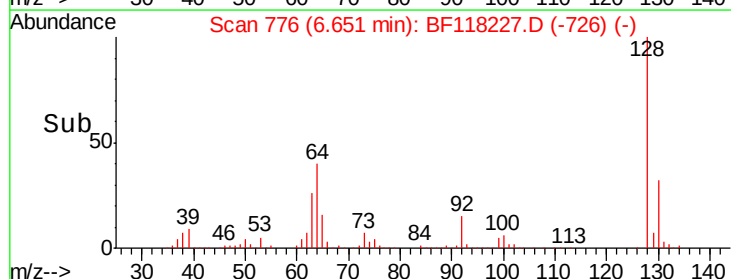


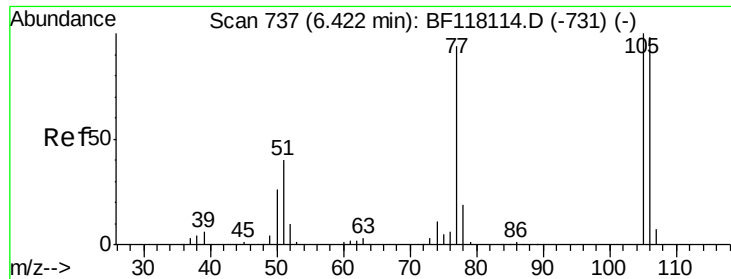
Abundance

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: 20.790 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

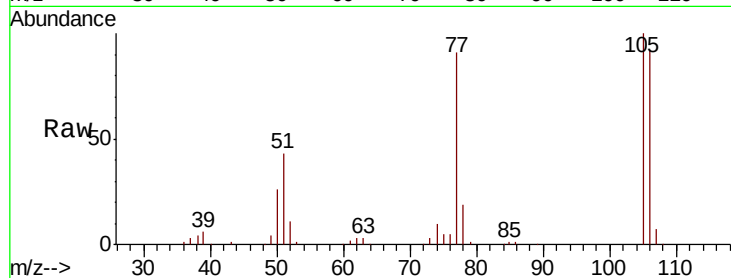
Tot Ion: 77 Resp: 128714

Ion Ratio Lower Upper

77 100

105 109.8 86.4 126.4

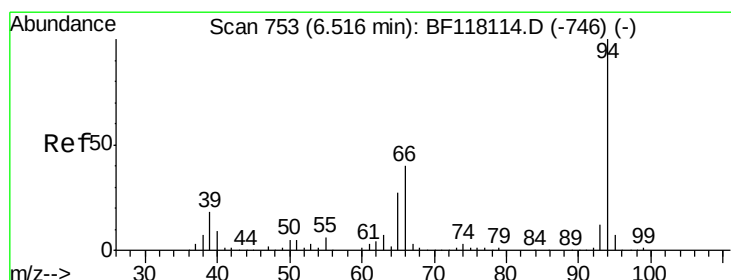
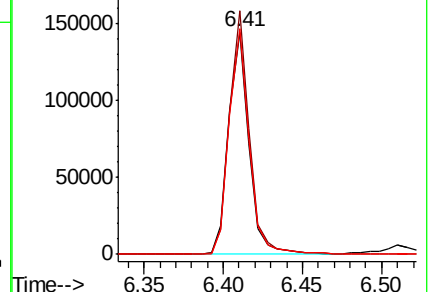
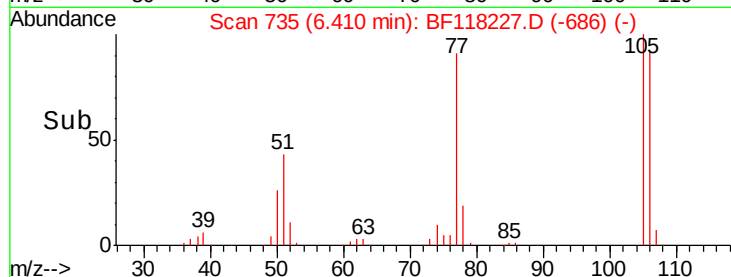
106 101.5 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.946 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

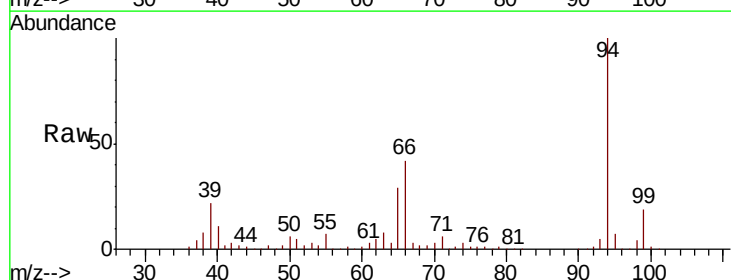
Tgt Ion: 94 Resp: 476808

Ion Ratio Lower Upper

94 100

65 28.6 7.3 47.3

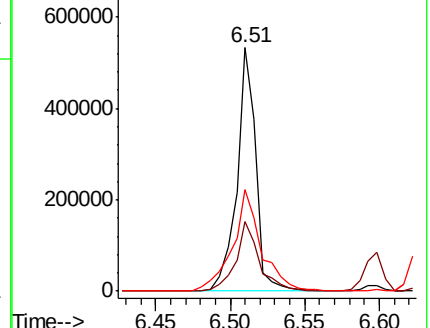
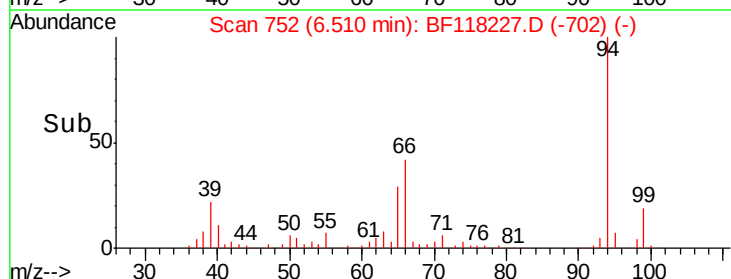
66 41.9 20.2 60.2

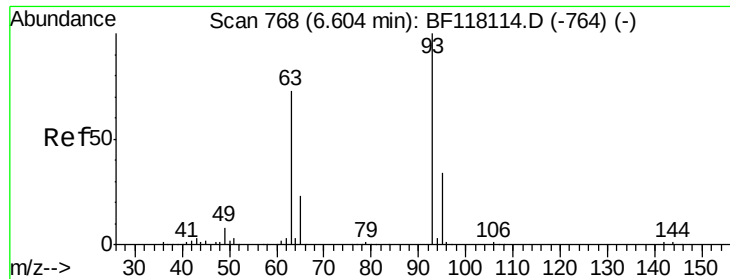


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

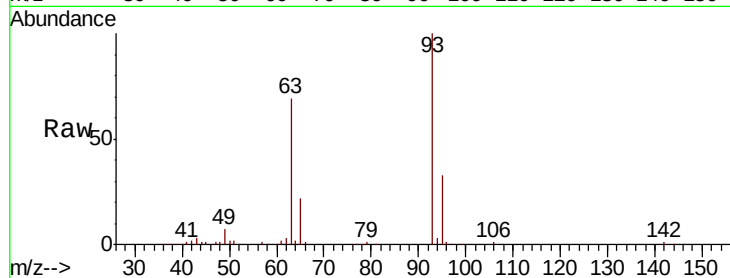




#11
bis(2-Chloroethyl)ether
Concen: 39.438 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.8	53.2	93.2
95	33.1	13.8	53.8

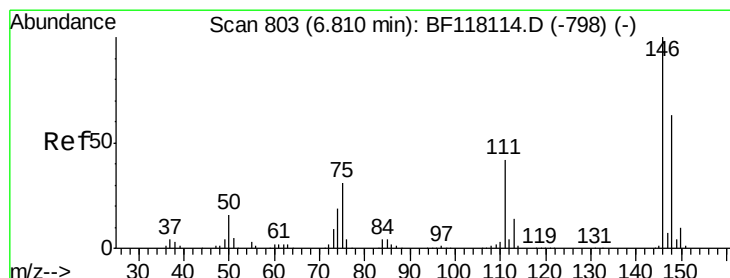
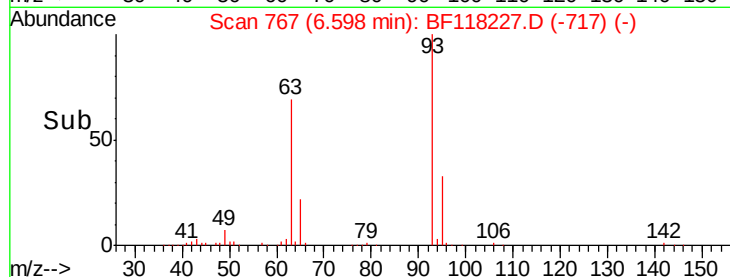
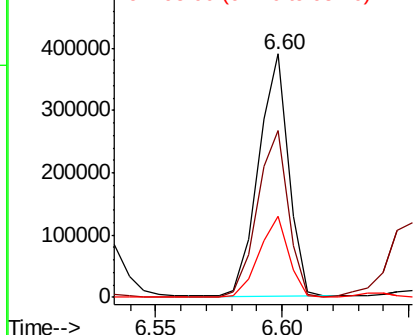


Abundance

Ion 93.00 (92.70 to 93.70): BF1

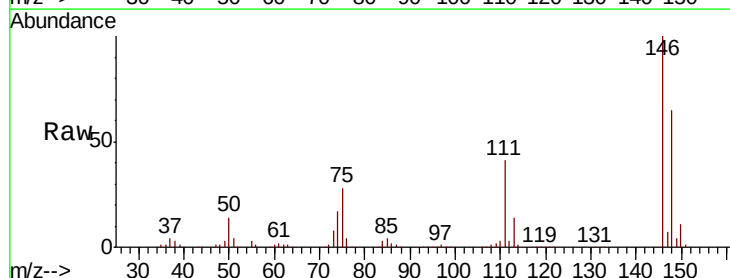
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 37.734 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.2	75.4
75	28.1	24.6	37.0

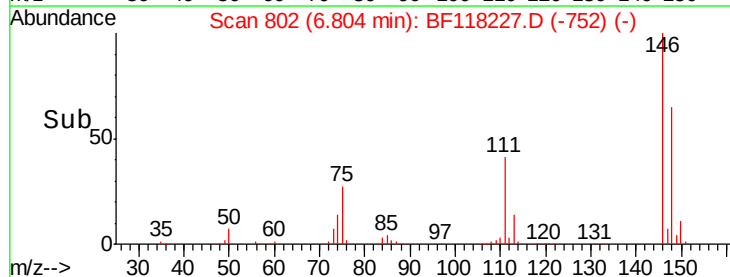
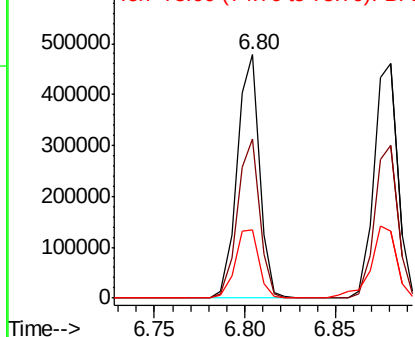


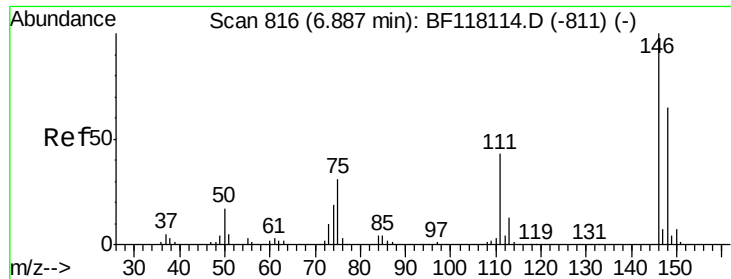
Abundance

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

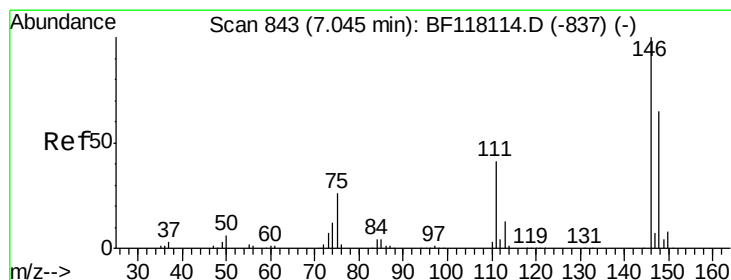
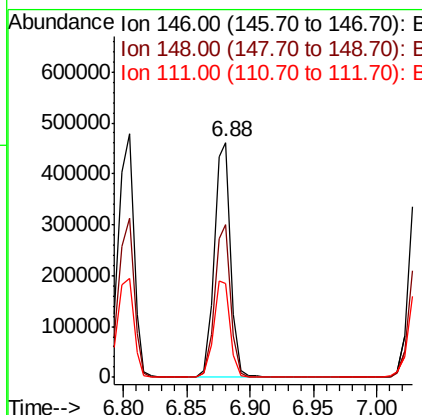
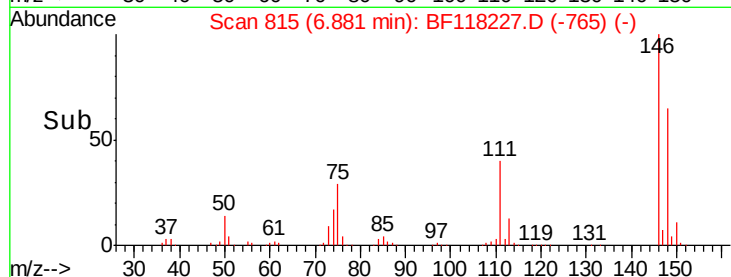
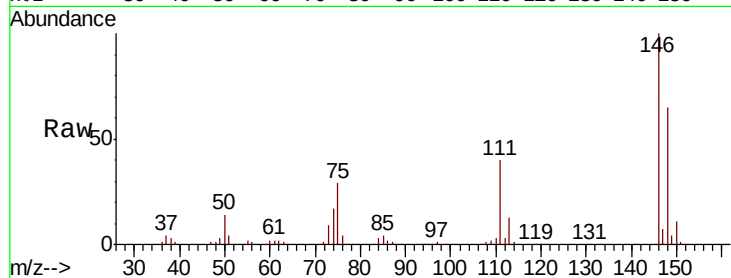




#13
 1,4-Dichlorobenzene
 Concen: 38.703 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

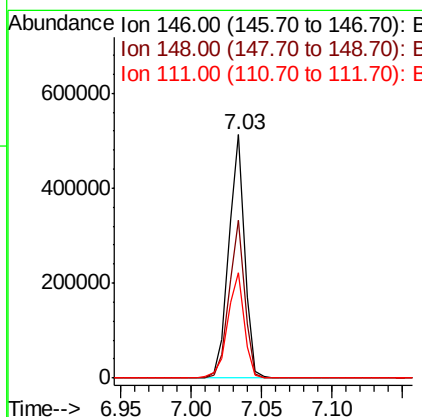
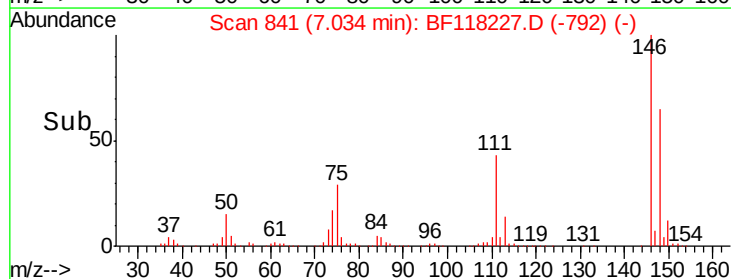
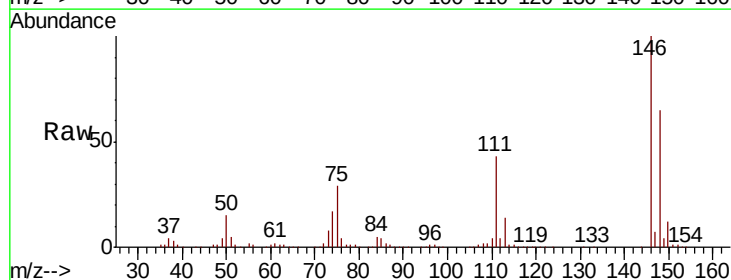
Instrument :
 BNA_F
 ClientSampleId :

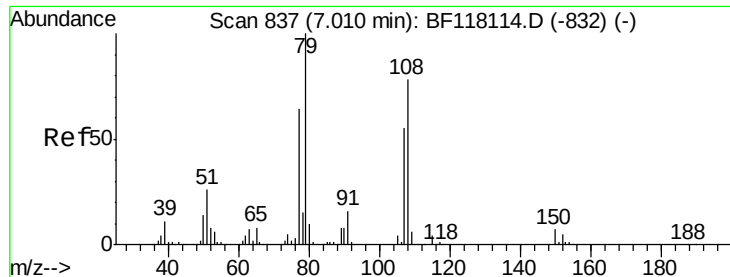
Tot Ion:146 Resp: 423036
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.1 78.1
 111 40.1 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 39.018 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Tgt Ion:146 Resp: 400515
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 43.3 33.1 49.7





#15

Benzyl Alcohol

Concen: 41.846 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

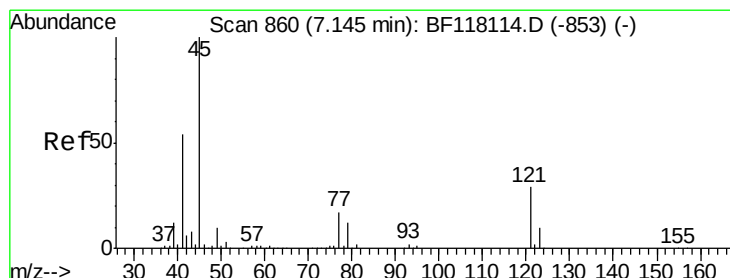
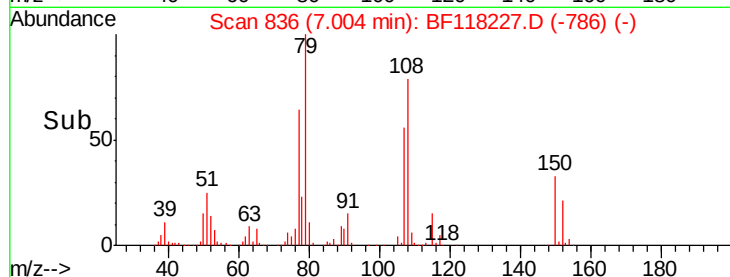
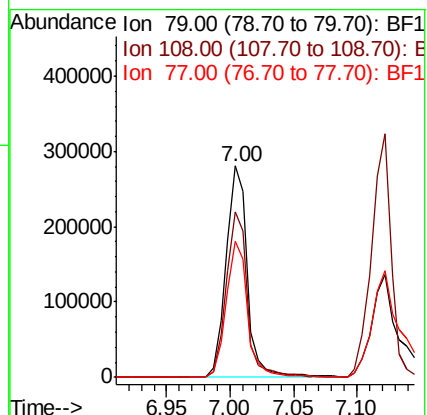
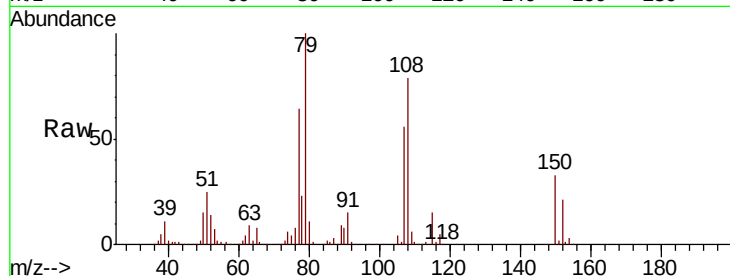
Tot Ion: 79 Resp: 325588

Ion Ratio Lower Upper

79 100

108 78.5 62.7 94.1

77 64.2 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.000 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

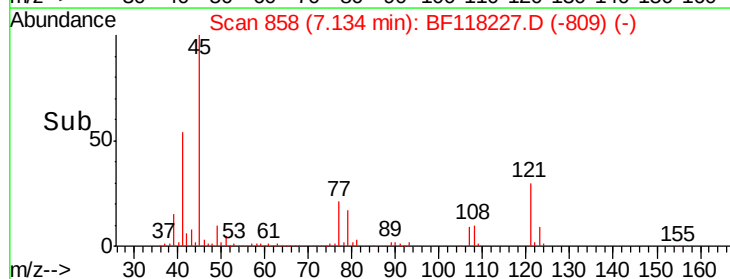
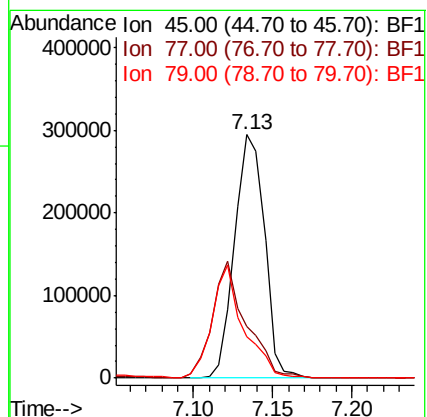
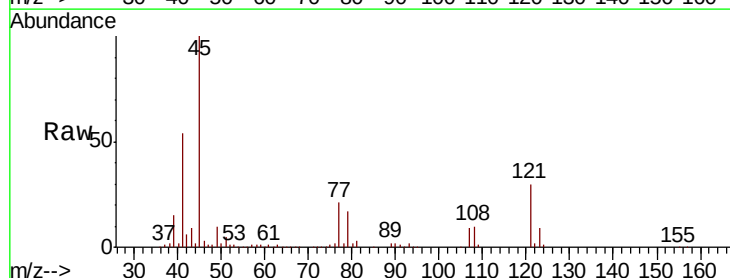
Tgt Ion: 45 Resp: 385508

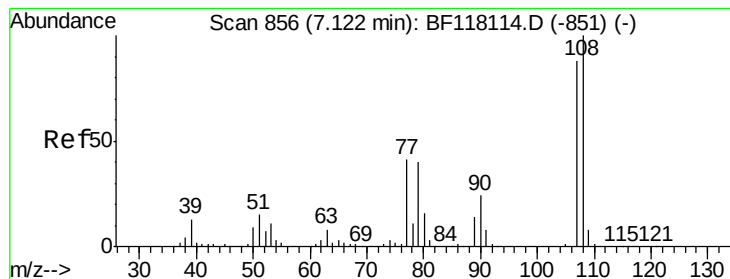
Ion Ratio Lower Upper

45 100

77 21.4 0.0 38.0

79 16.8 0.0 33.2

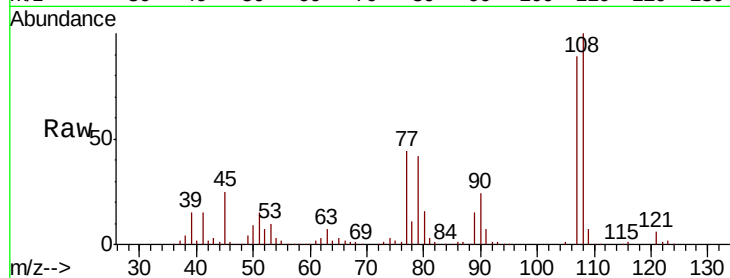




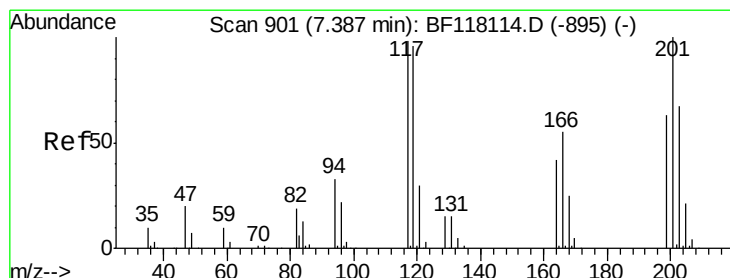
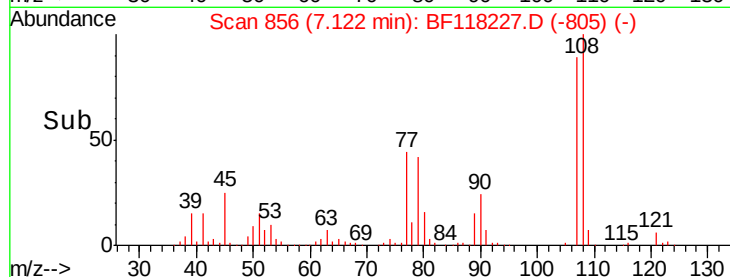
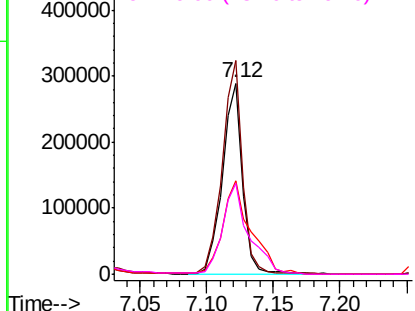
#17
2-Methylphenol
Concen: 41.679 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	308029
Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.1	136.7
77	48.9	37.8	56.6
79	47.5	37.0	55.6

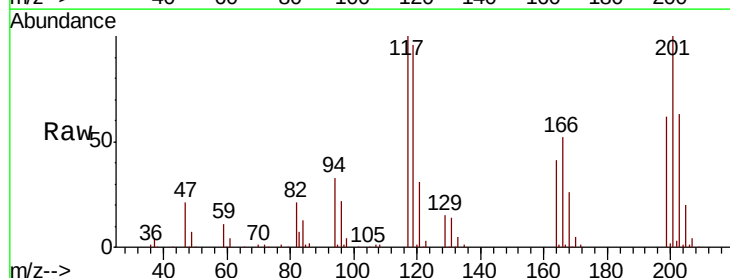


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

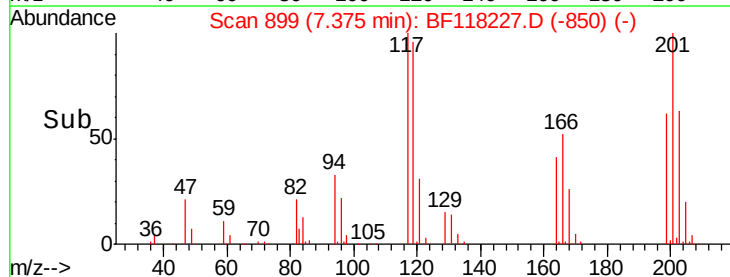
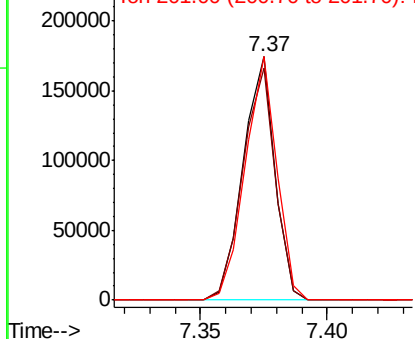


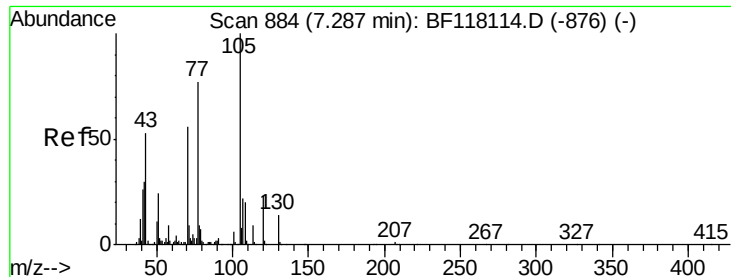
#18
Hexachloroethane
Concen: 37.742 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion:	117	Resp:	152008
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.2	117.4
201	100.1	81.6	122.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

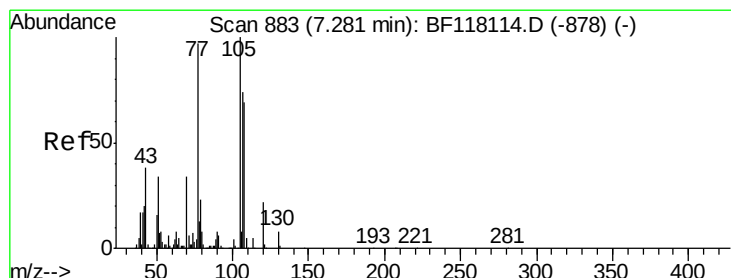
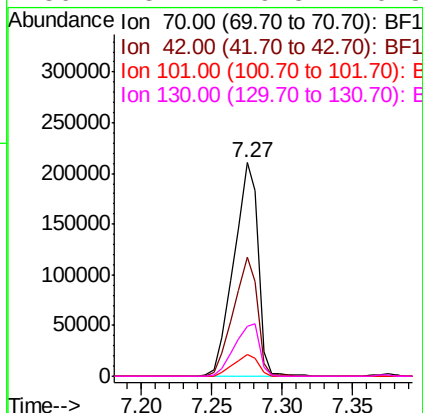
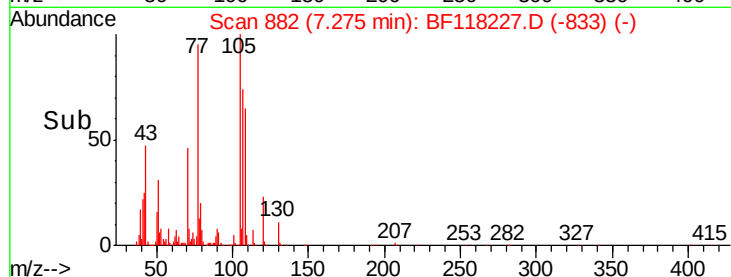
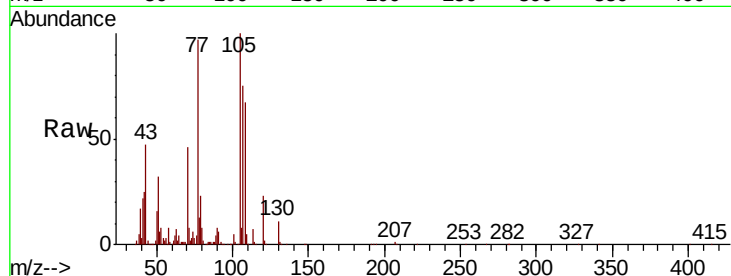




#19
n-Nitroso-di-n-propylamine
Concen: 41.505 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

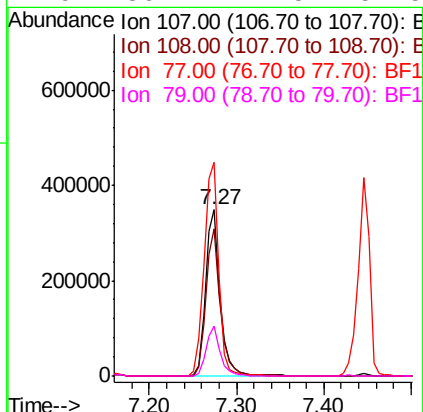
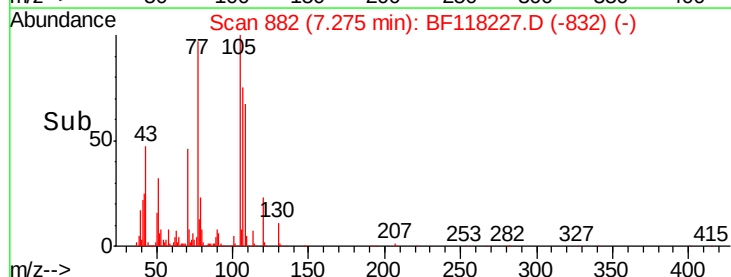
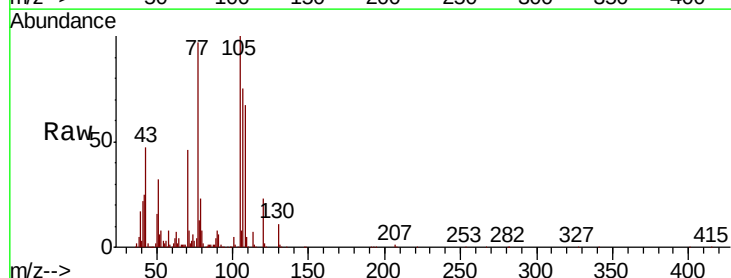
Instrument :
BNA_F
ClientSampleId :

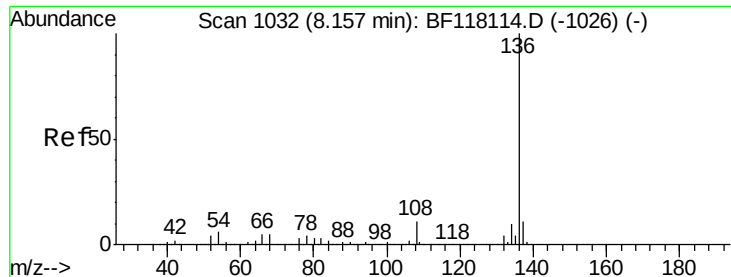
Tot Ion: 70 Resp: 251384
Ion Ratio Lower Upper
70 100
42 55.7 43.2 64.8
101 10.5 8.1 12.1
130 23.7 19.8 29.8



#20
3+4-Methylphenols
Concen: 43.296 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion:107 Resp: 401926
Ion Ratio Lower Upper
107 100
108 88.9 73.2 113.2
77 128.7 110.9 150.9
79 30.4 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: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 589952

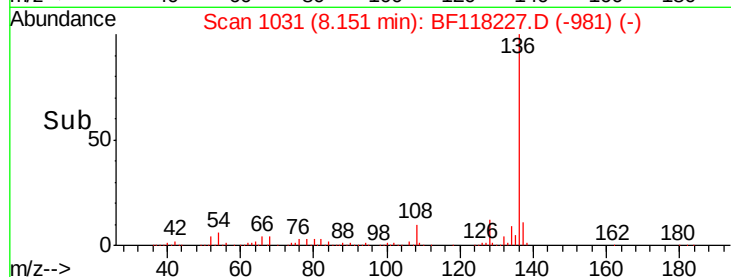
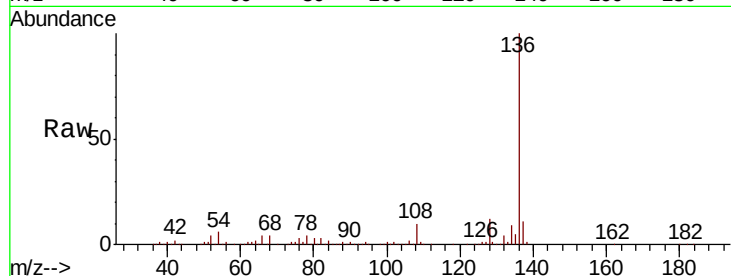
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 5.5 5.0 7.6

68 4.0 3.8 5.8

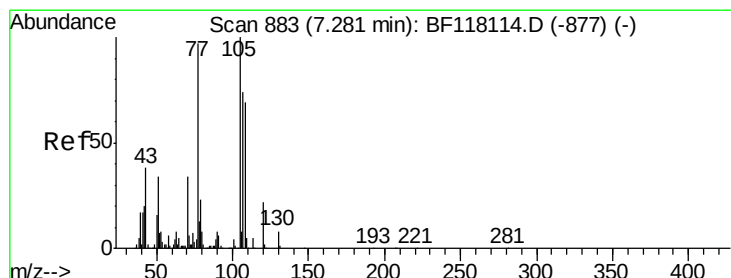
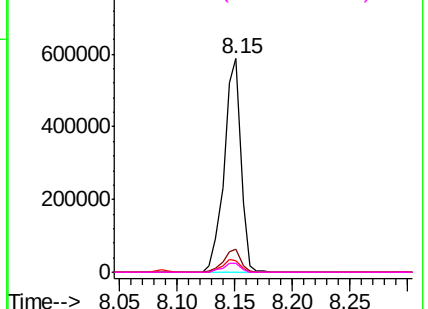


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.463 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Tgt Ion:105 Resp: 530985

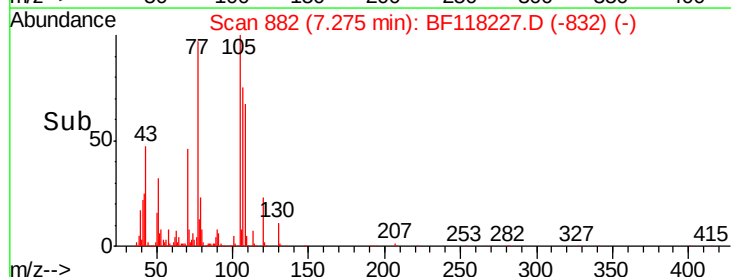
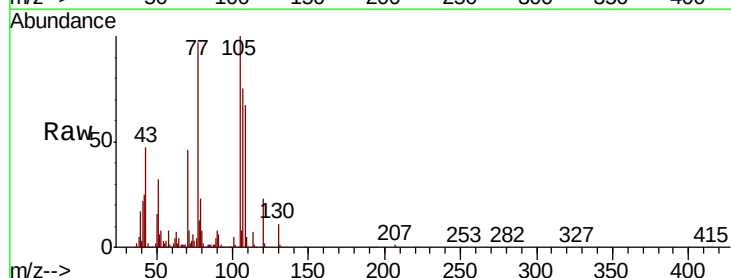
Ion Ratio Lower Upper

105 100

71 7.8 4.7 7.1#

51 32.0 27.1 40.7

120 22.7 17.8 26.6

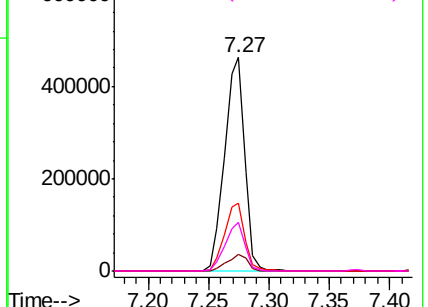


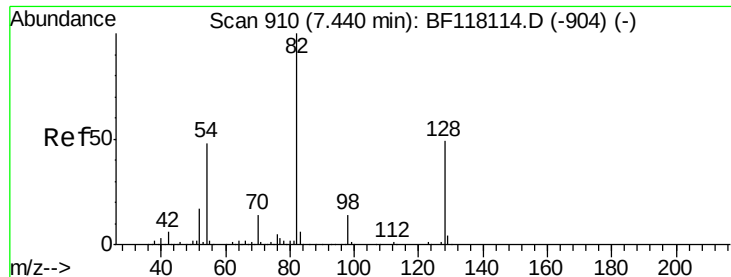
Abundance Ion 105.00 (104.70 to 105.70): E

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

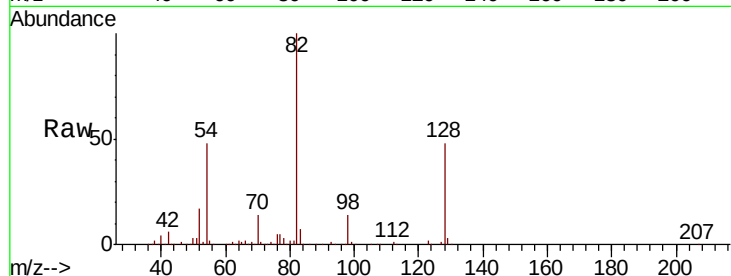




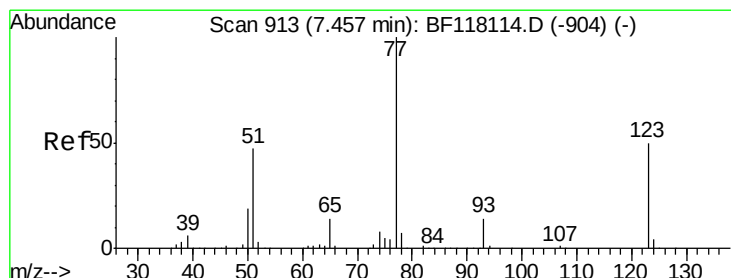
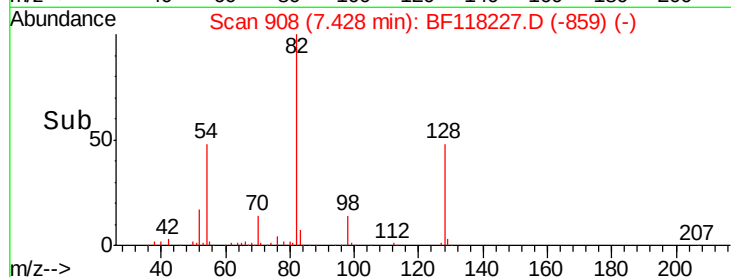
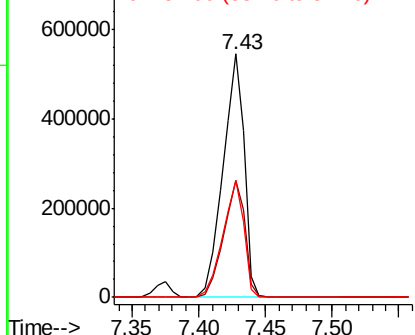
#23
 Nitrobenzene-d5
 Concen: 58.521 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82.00	Resp	613685
Ion Ratio	100	Lower	Upper
128	47.9	39.1	58.7
54	48.0	38.2	57.2

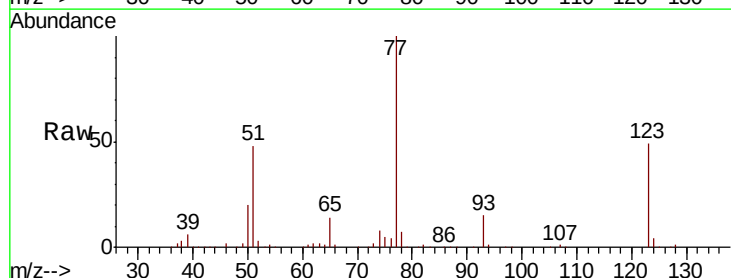


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

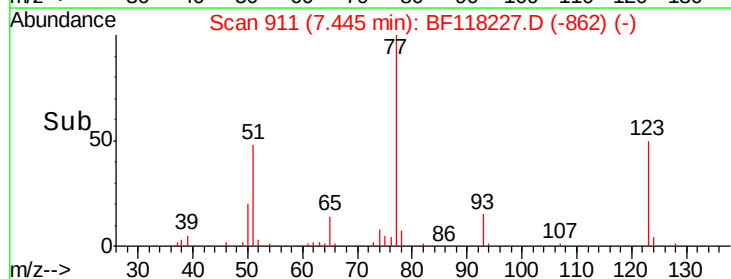
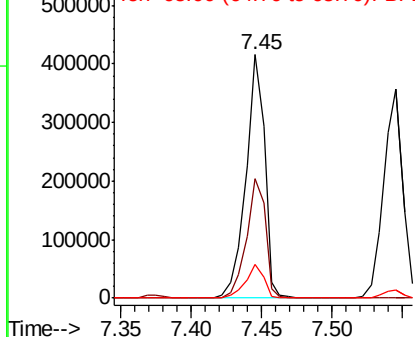


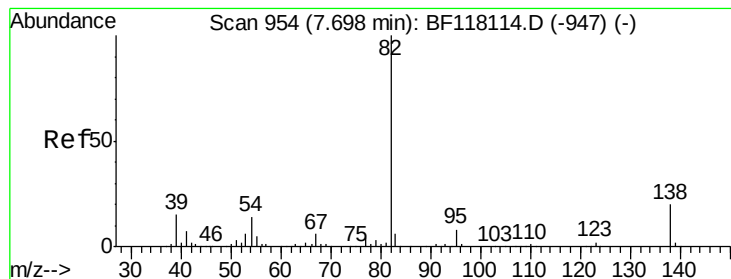
#24
 Nitrobenzene
 Concen: 37.508 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Tgt Ion	77.00	Resp	386443
Ion Ratio	100	Lower	Upper
123	49.3	40.1	60.1
65	13.6	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.945 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

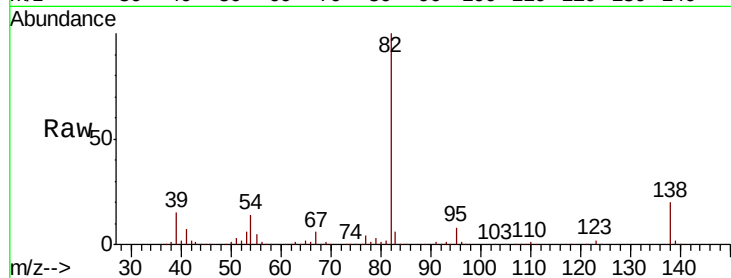
Tot Ion: 82 Resp: 692318

Ion Ratio Lower Upper

82 100

95 8.2 6.3 9.5

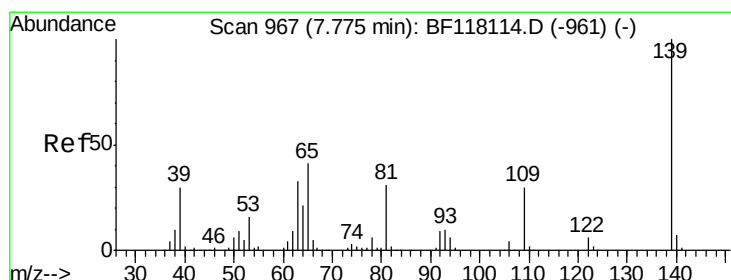
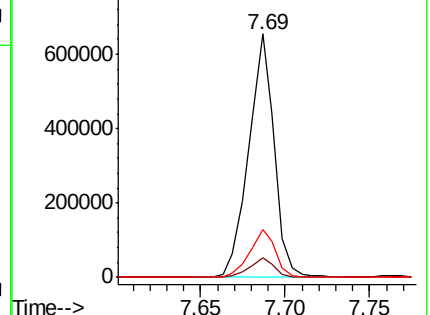
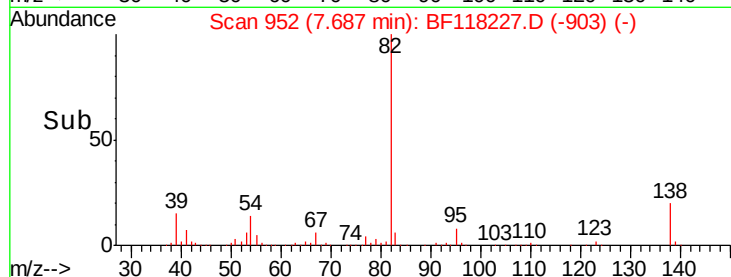
138 19.5 16.3 24.5



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: 39.177 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

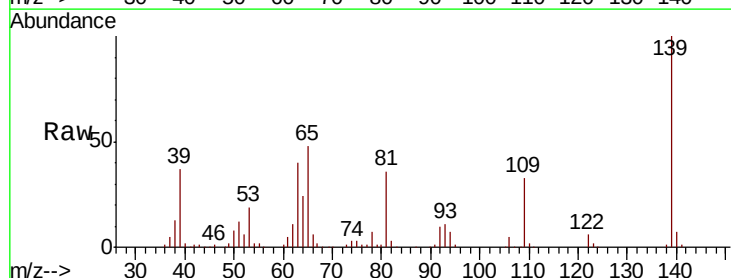
Tgt Ion: 139 Resp: 215741

Ion Ratio Lower Upper

139 100

109 33.3 23.9 35.9

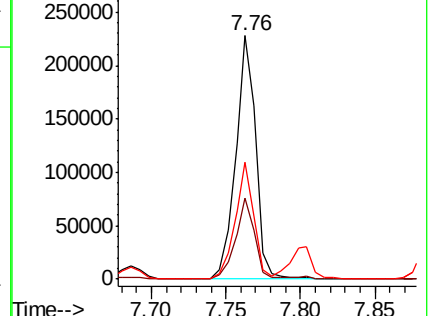
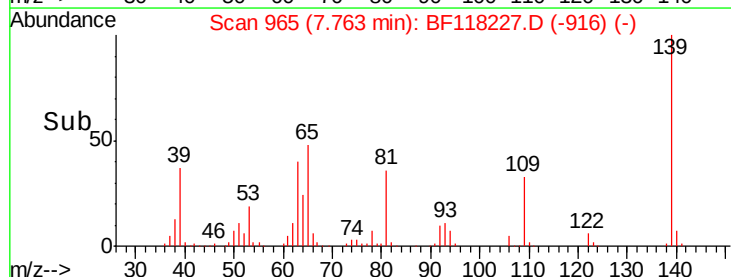
65 47.9 33.0 49.6

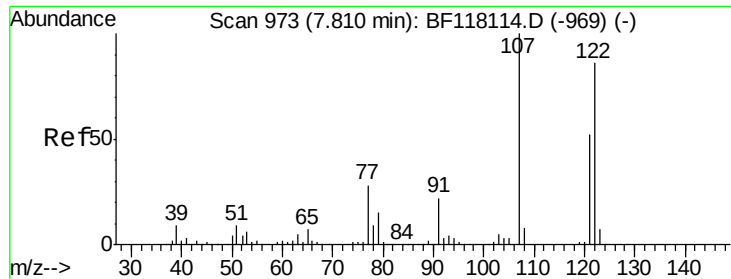


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.336 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampled :

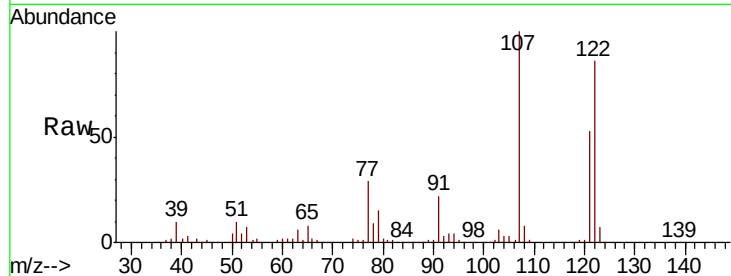
Tot Ion:122 Resp: 325671

Ion Ratio Lower Upper

122 100

107 115.8 92.9 139.3

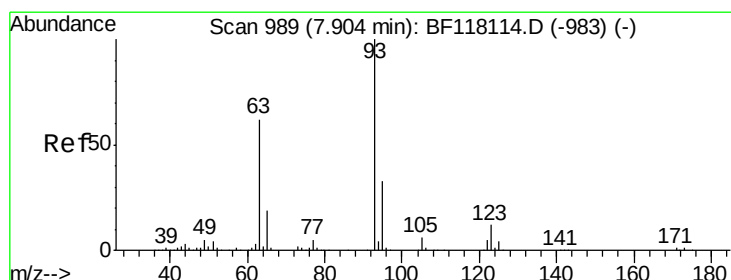
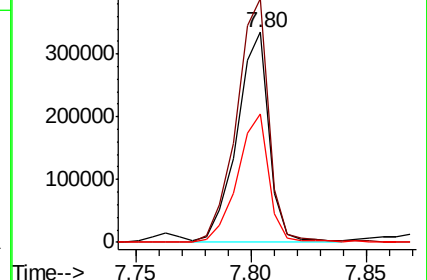
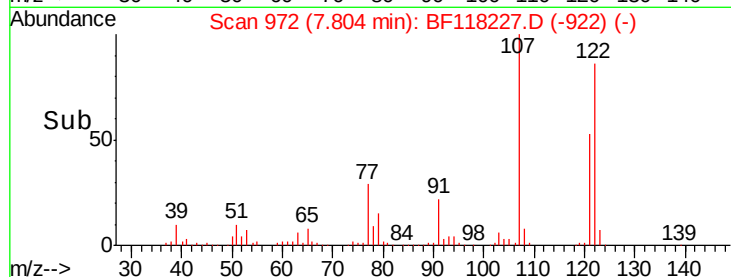
121 61.1 48.3 72.5



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: 37.614 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

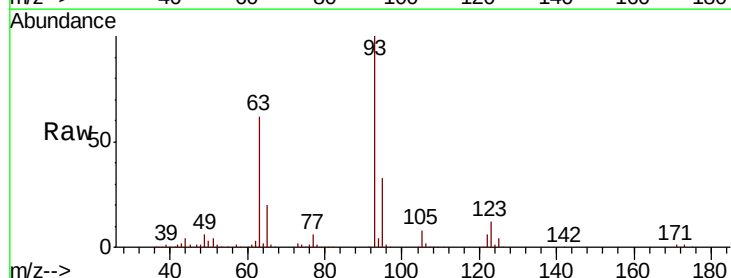
Tgt Ion: 93 Resp: 436931

Ion Ratio Lower Upper

93 100

95 32.8 26.7 40.1

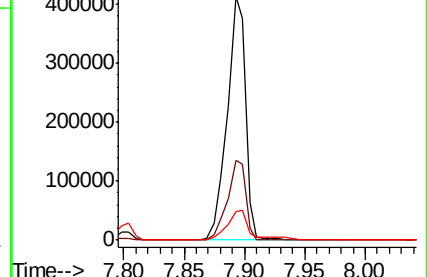
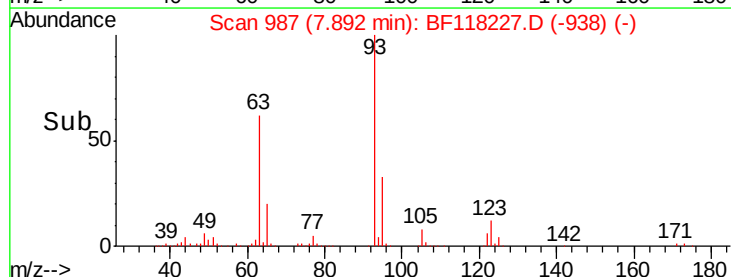
123 11.9 10.0 15.0

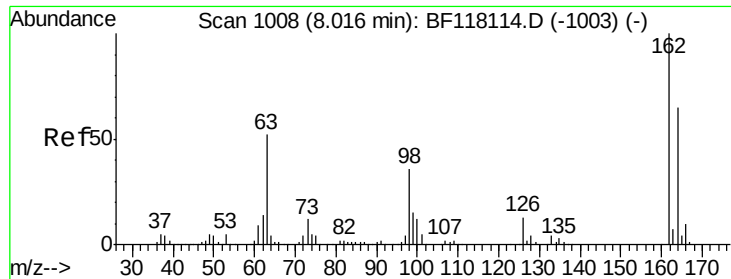


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

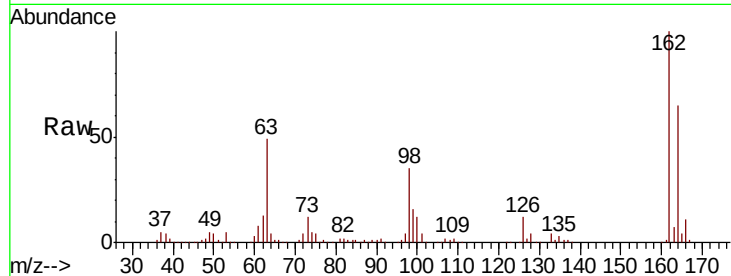




#29
2,4-Dichlorophenol
Concen: 39.331 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.2	85.2
98	35.3	15.9	55.9

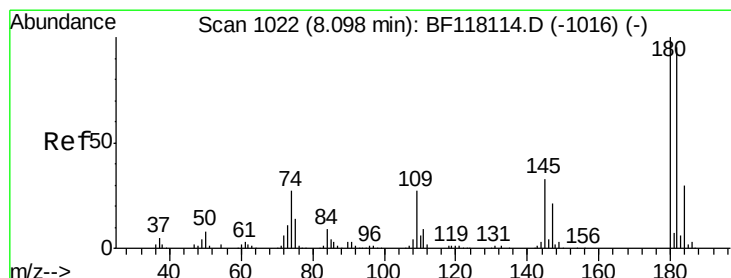
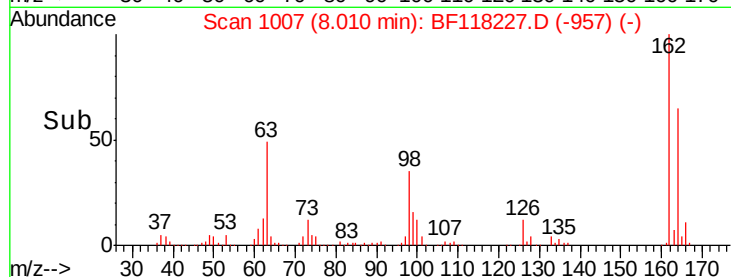
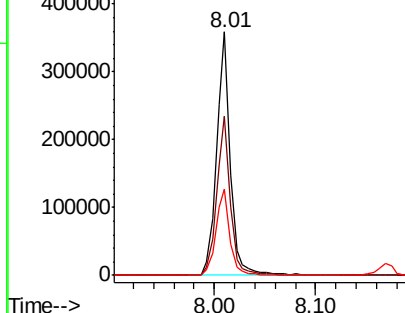


Abundance

Ion 162.00 (161.70 to 162.70): E

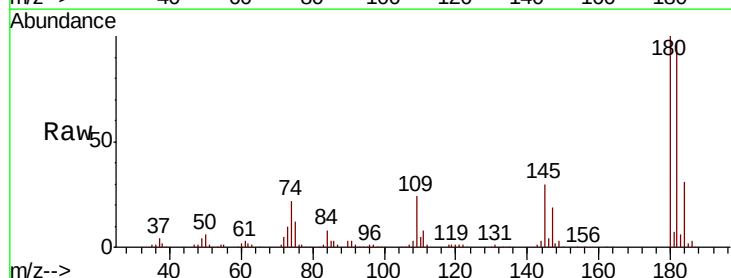
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.281 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.1	114.1
145	30.5	26.1	39.1

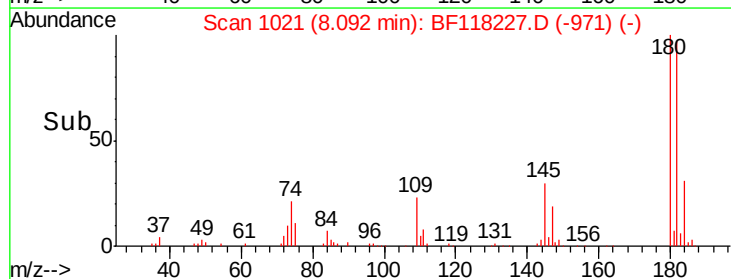
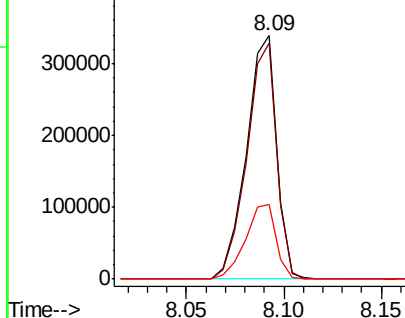


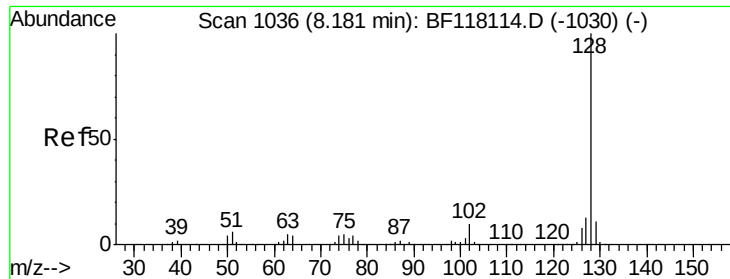
Abundance

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

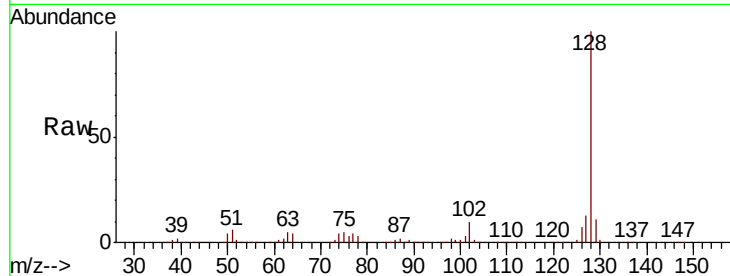




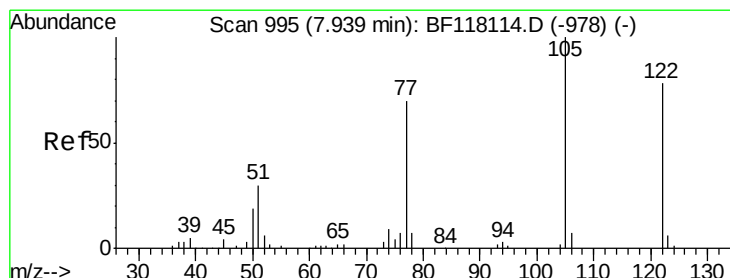
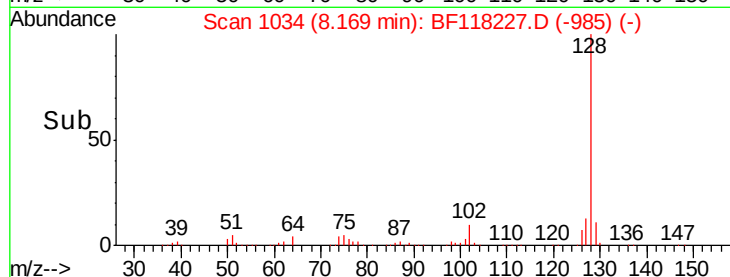
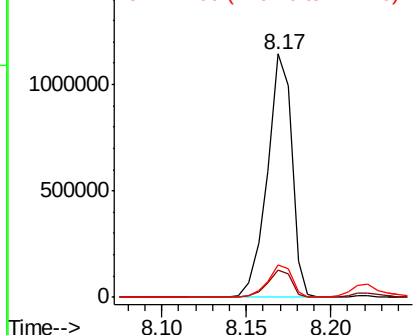
#31
Naphthalene
Concen: 38.711 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1146957
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.4 10.6 16.0

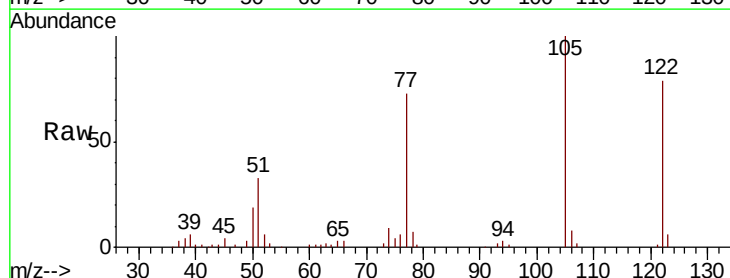


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

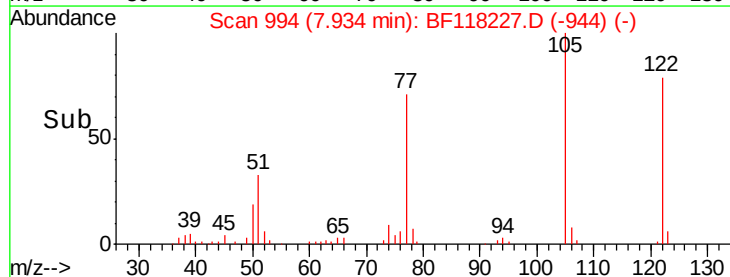
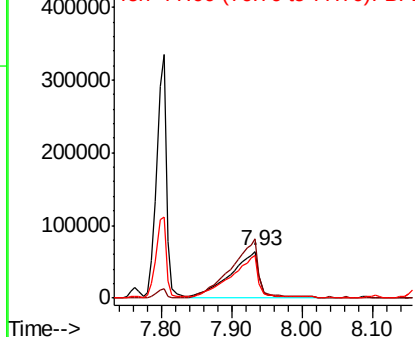


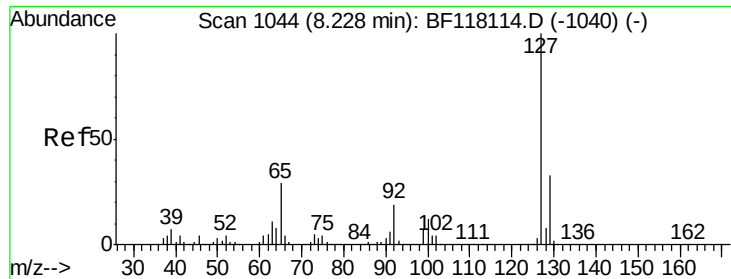
#32
Benzoic acid
Concen: 28.031 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion:122 Resp: 185912
Ion Ratio Lower Upper
122 100
105 126.6 104.7 144.7
77 91.8 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

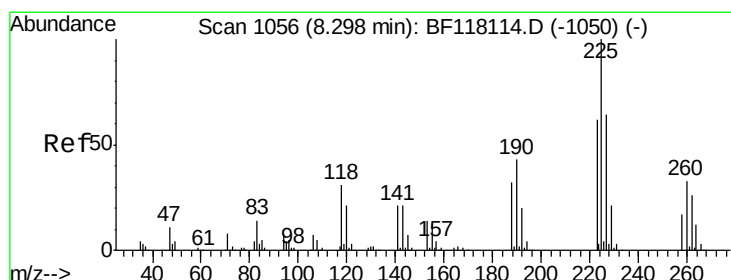
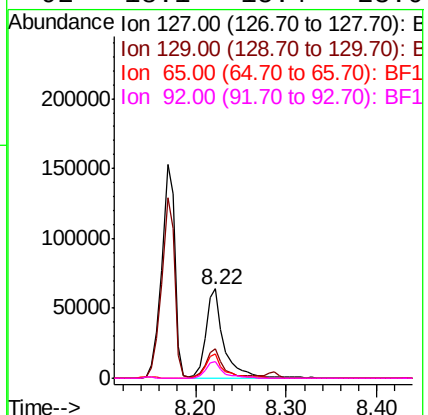
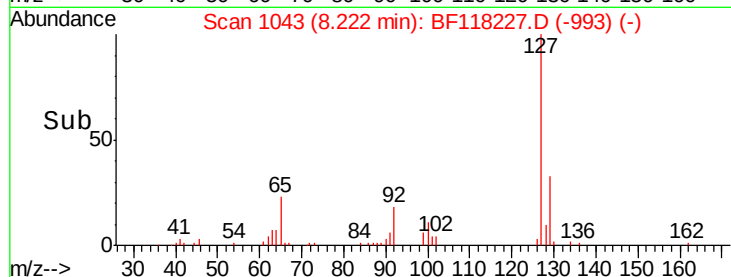
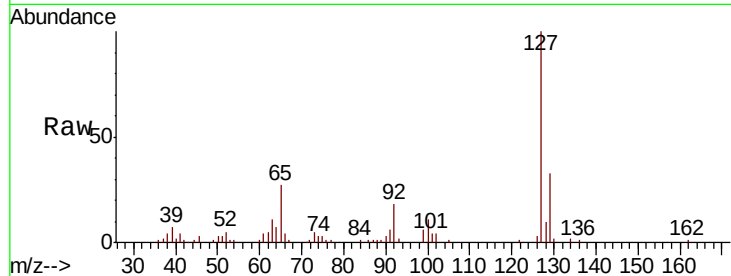




#33
4-Chloroaniline
Concen: 7.012 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

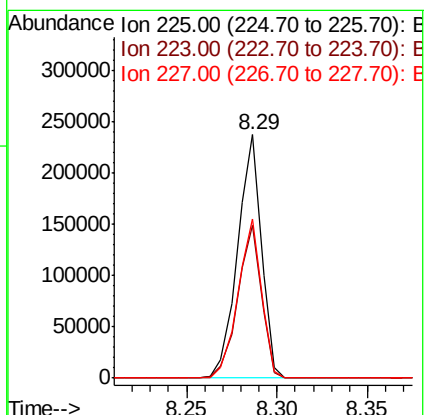
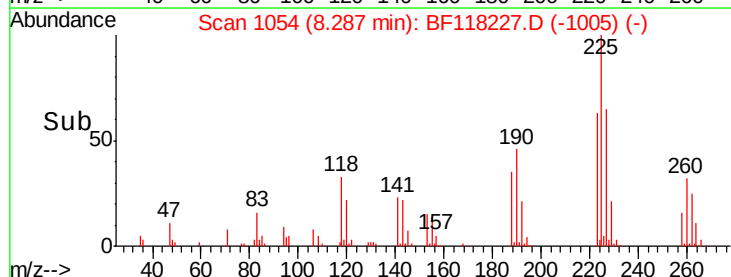
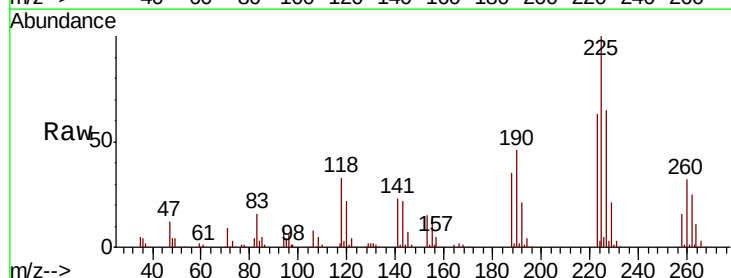
Instrument :
BNA_F
ClientSampleId :

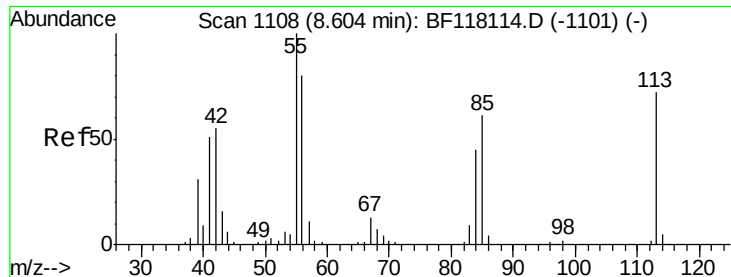
Tot Ion:	127	Resp:	89709
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	40.0
65	26.7	23.2	34.8
92	18.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 36.207 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion:	225	Resp:	217273
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.6	74.4
227	65.3	51.0	76.6

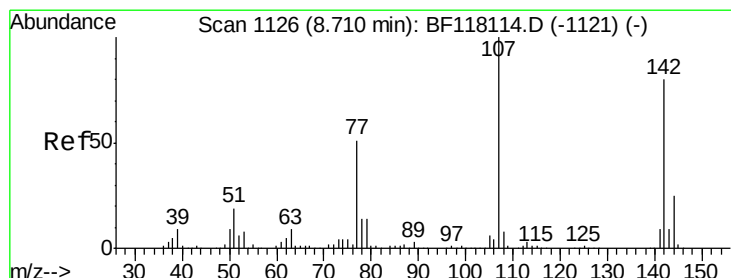
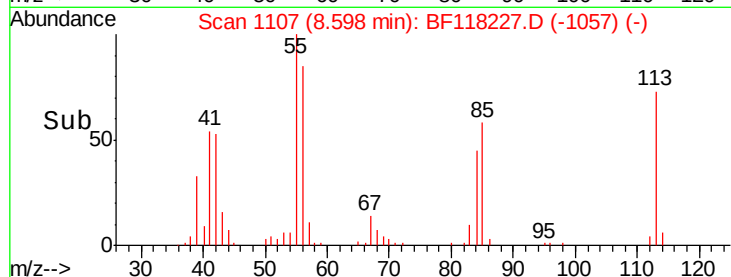
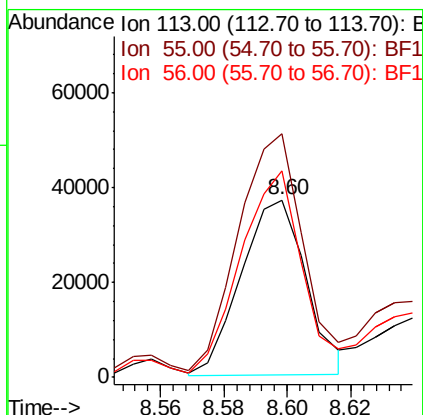
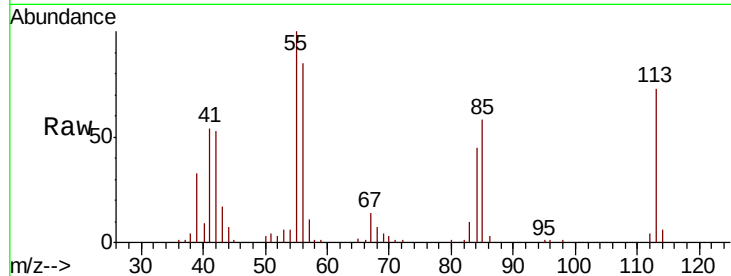




#35
 Caprolactam
 Concen: 19.936 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

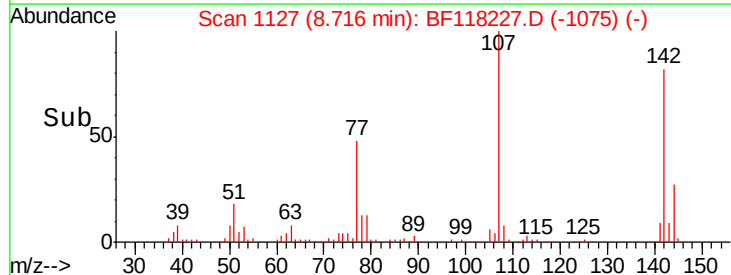
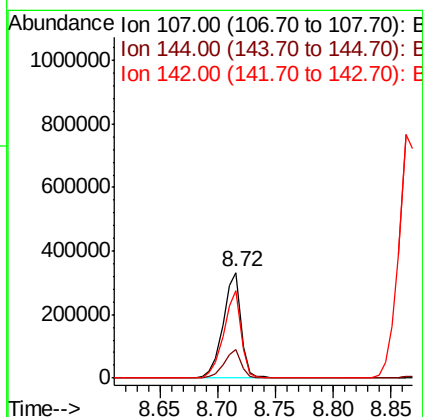
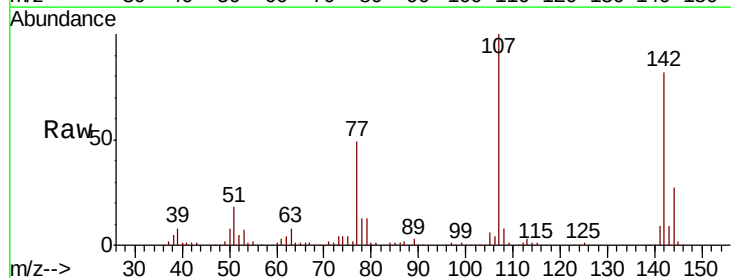
Instrument :
 BNA_F
 ClientSampleId :

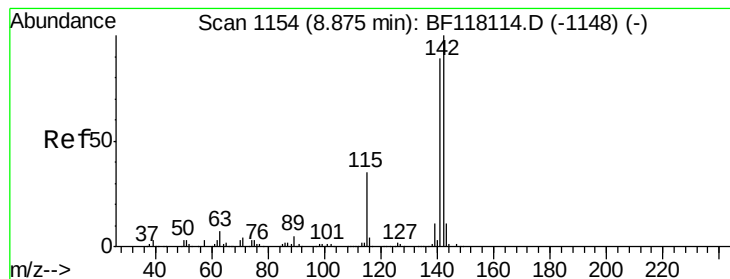
Tot Ion:113 Resp: 52647
 Ion Ratio Lower Upper
 113 100
 55 137.2 118.9 158.9
 56 116.2 91.4 131.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.968 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Tgt Ion:107 Resp: 360174
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.3 30.5
 142 82.4 63.7 95.5





#37

2-Methylnaphthalene

Concen: 39.619 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

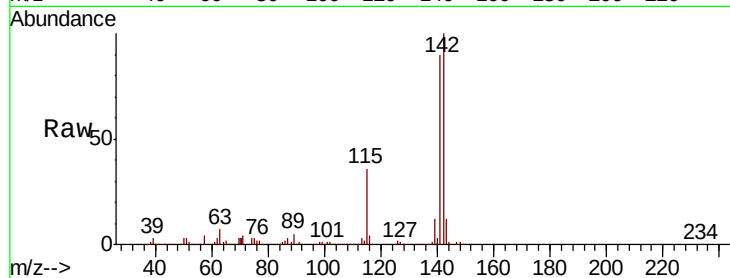
Tot Ion:142 Resp: 794715

Ion Ratio Lower Upper

142 100

141 89.5 71.4 107.0

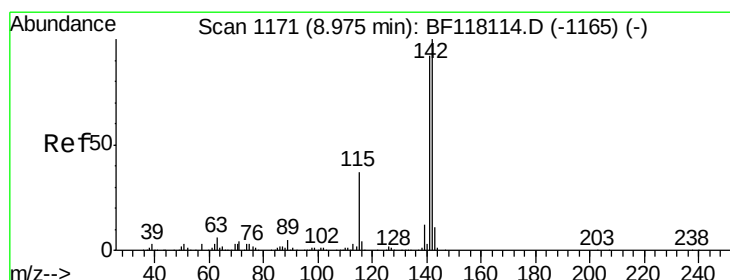
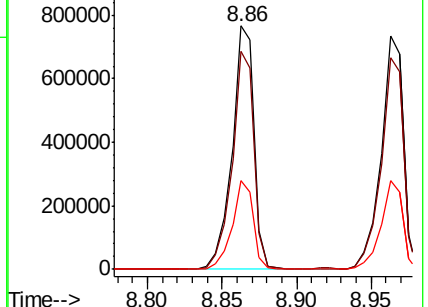
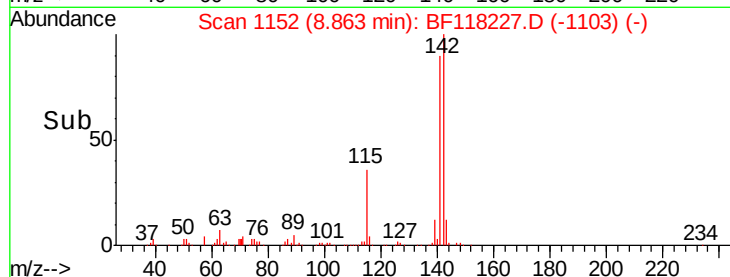
115 36.5 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.417 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

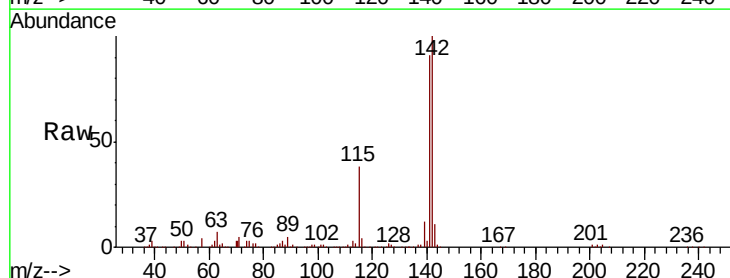
Tgt Ion:142 Resp: 742391

Ion Ratio Lower Upper

142 100

141 90.7 74.0 111.0

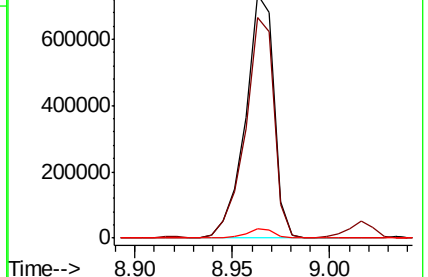
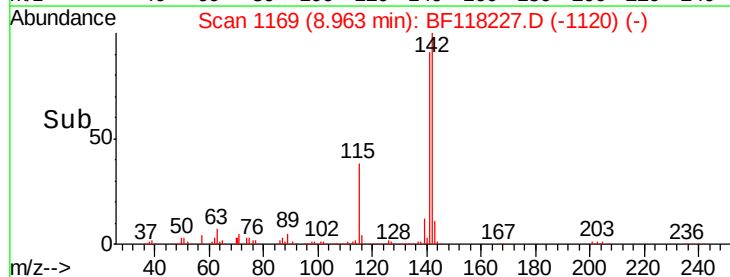
116 3.9 3.2 4.8

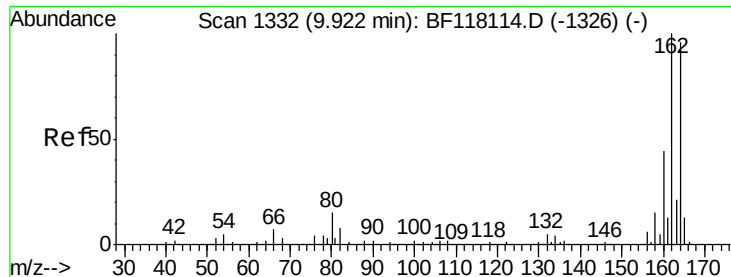


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

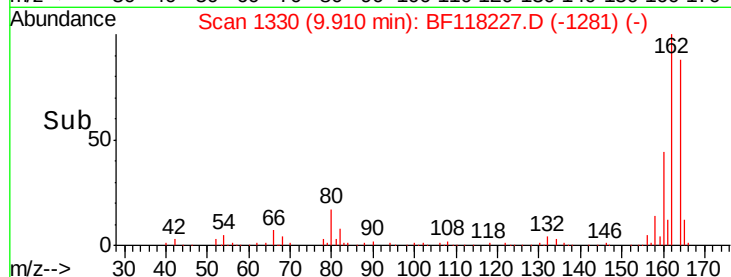
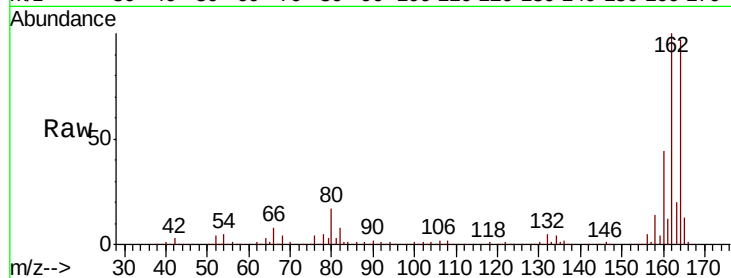
Tot Ion:164 Resp: 322943

Ion Ratio Lower Upper

164 100

162 102.6 83.4 125.0

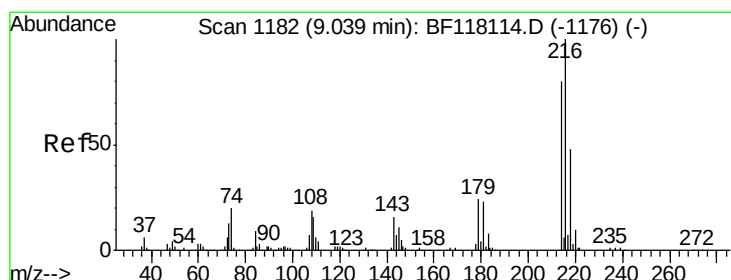
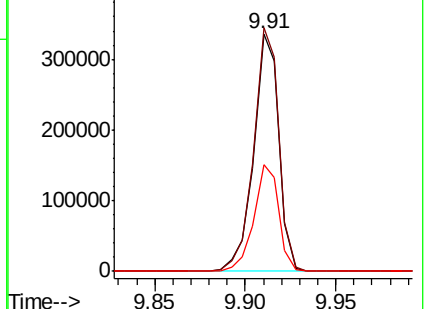
160 44.8 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.619 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Tgt Ion:216 Resp: 358246

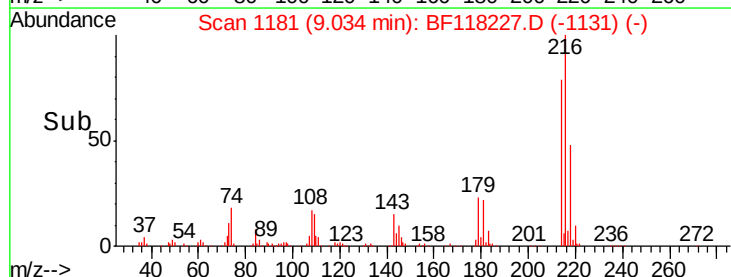
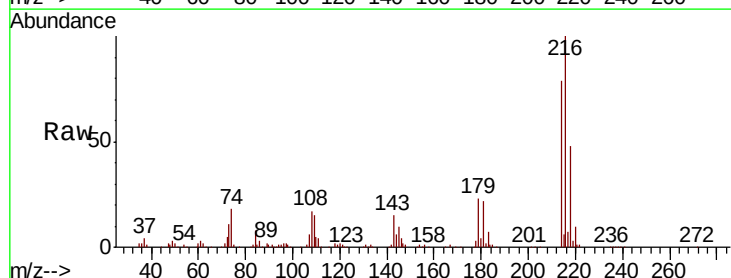
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 23.3 18.6 27.8

108 20.7 15.4 23.0

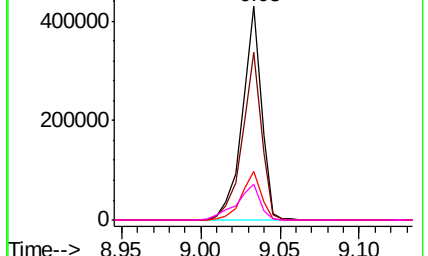


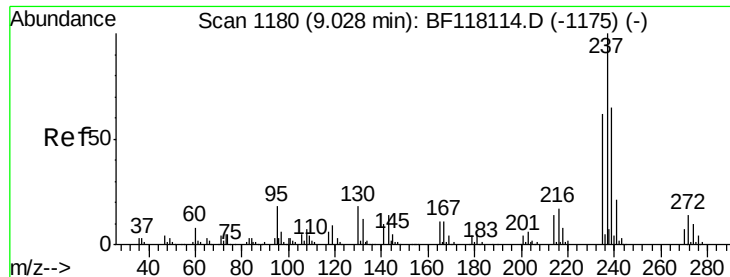
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

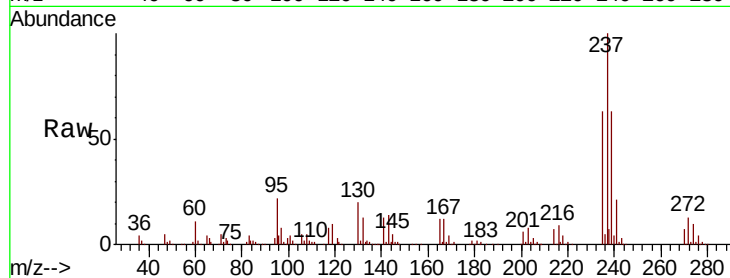




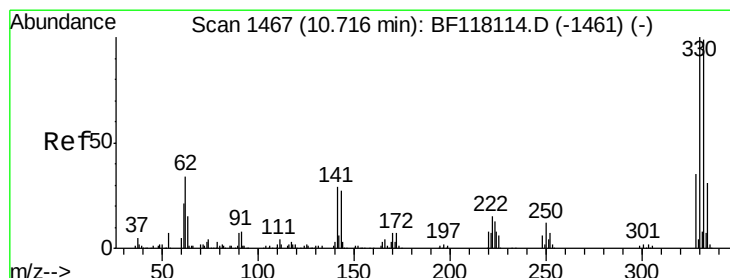
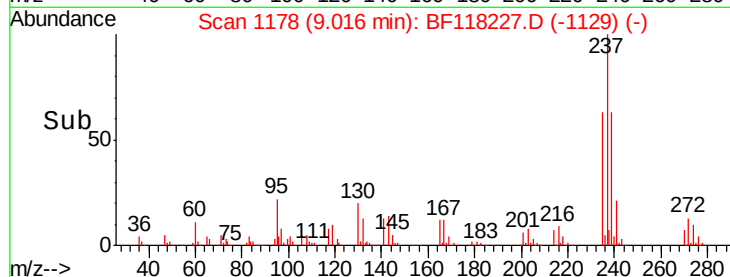
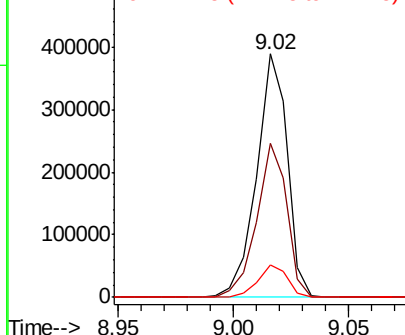
#41
Hexachlorocyclopentadiene
Concen: 82.389 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.5	81.5
272	13.3	0.0	33.7

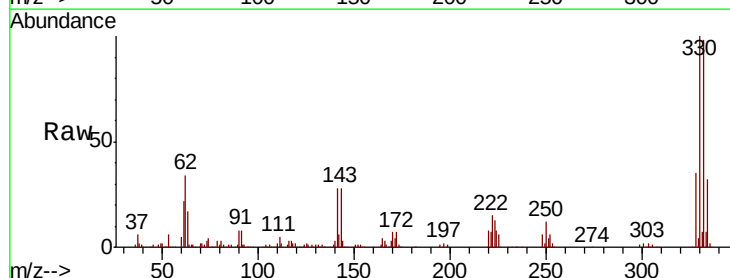


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

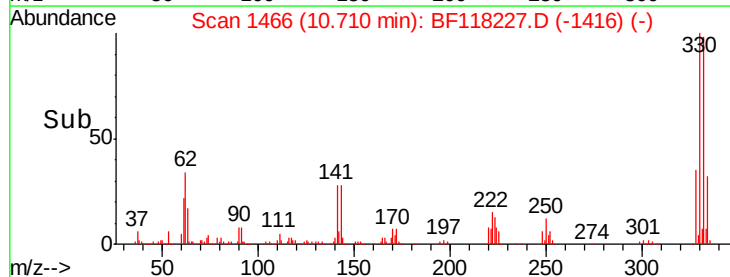
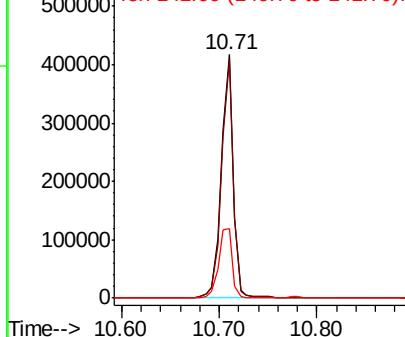


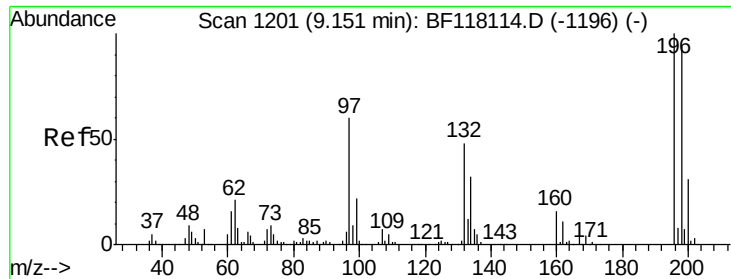
#42
2,4,6-Tribromophenol
Concen: 91.131 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	32.4	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

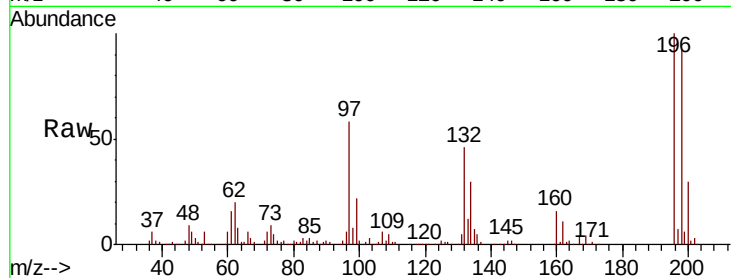




#43
 2,4,6-Trichlorophenol
 Concen: 38.080 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	248736
Ion	Ratio	Lower	Upper
196	100		
198	92.3	75.0	112.4
200	29.8	24.5	36.7

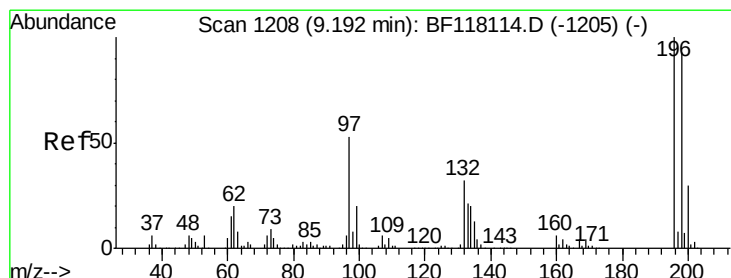
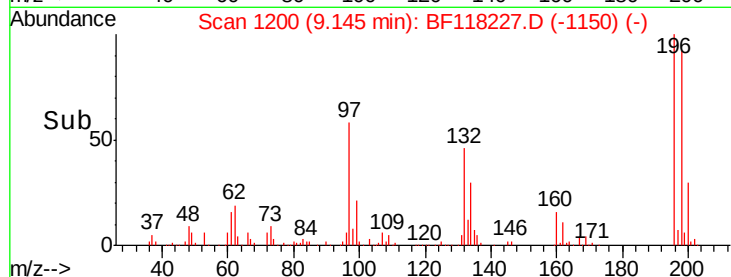
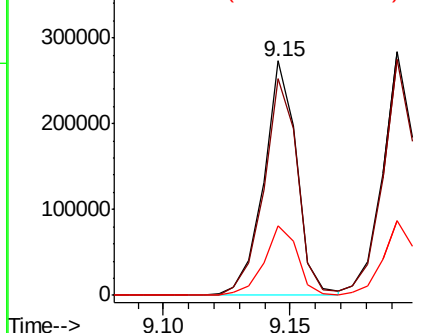


Abundance

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: 38.204 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Tgt Ion	196	Resp	258541
Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.2	111.4
97	52.8	42.5	63.7
132	30.3	25.4	38.2

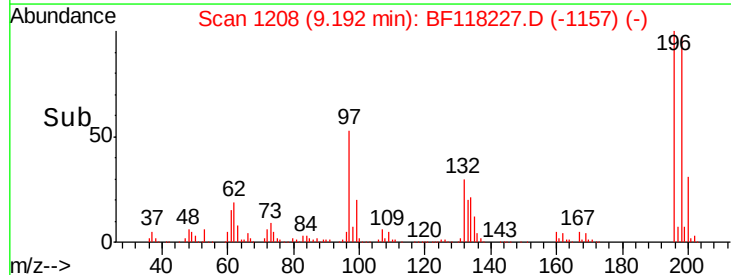
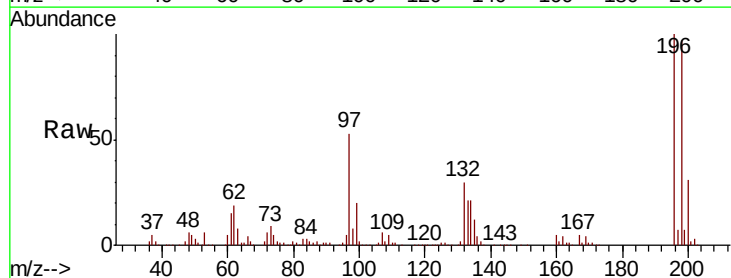
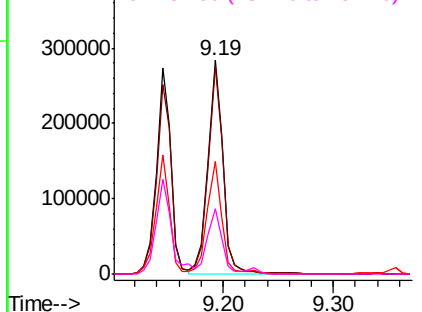
Abundance

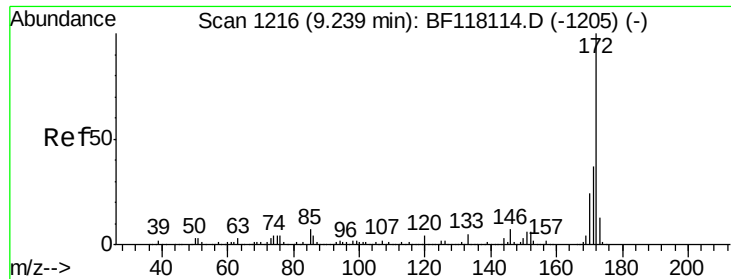
Ion 196.00 (195.70 to 196.70): E

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

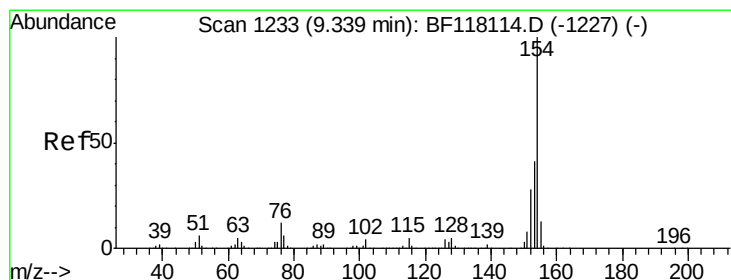
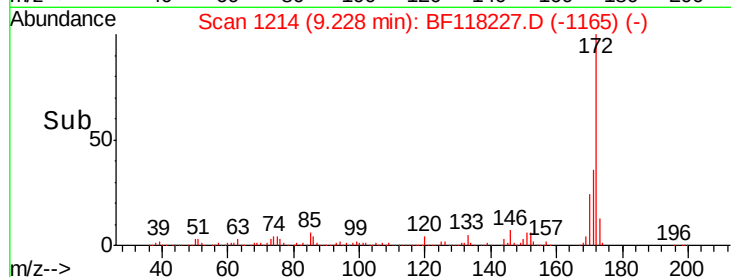
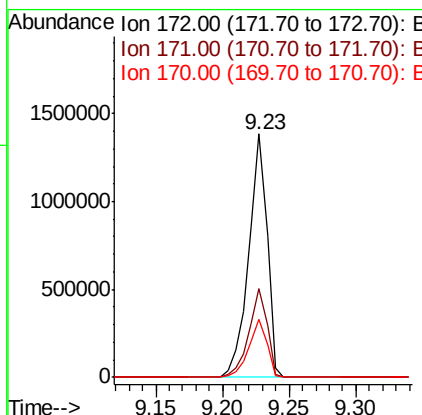
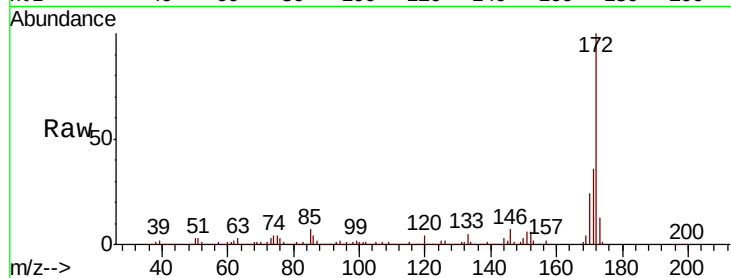




#45
2-Fluorobiphenyl
Concen: 61.345 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

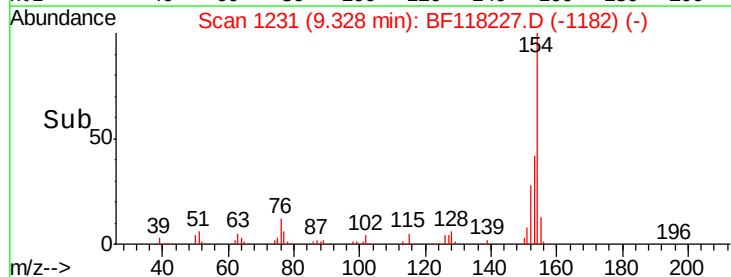
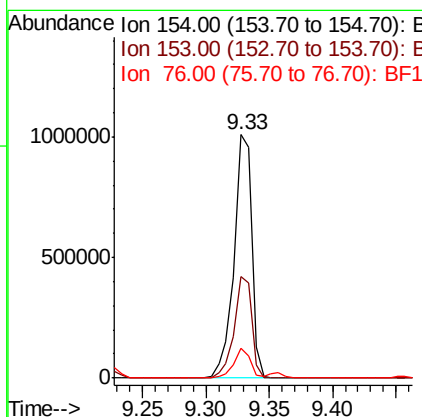
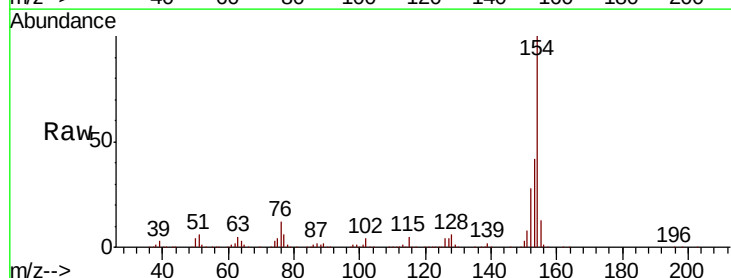
Instrument :
BNA_F
ClientSampleId :

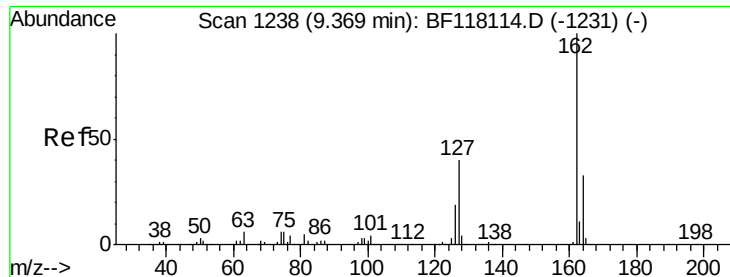
Tot Ion:172 Resp: 1301932
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 23.9 19.4 29.2



#46
1,1'-Biphenyl
Concen: 38.115 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion:154 Resp: 970784
Ion Ratio Lower Upper
154 100
153 41.6 20.7 60.7
76 12.2 0.0 31.9

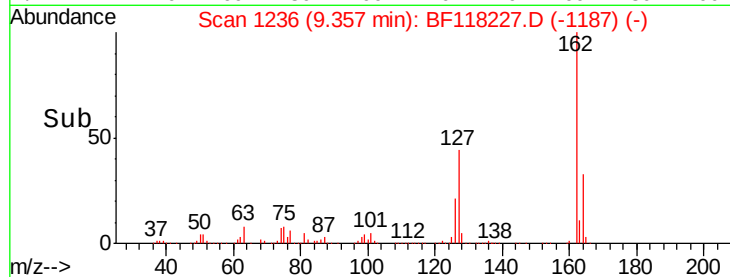
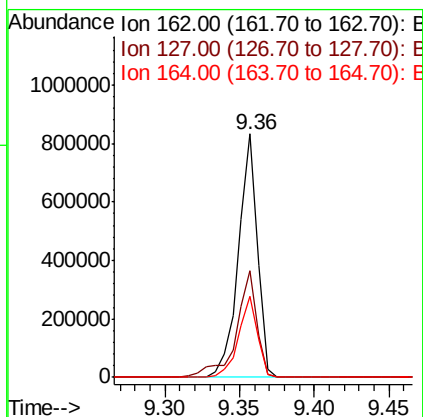
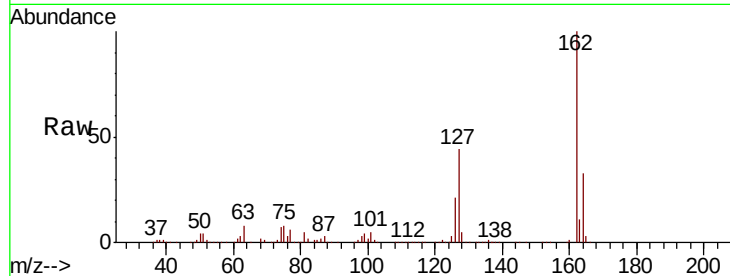




#47
 2-Chloronaphthalene
 Concen: 36.298 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

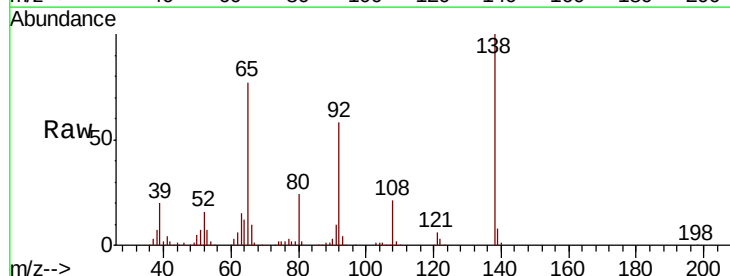
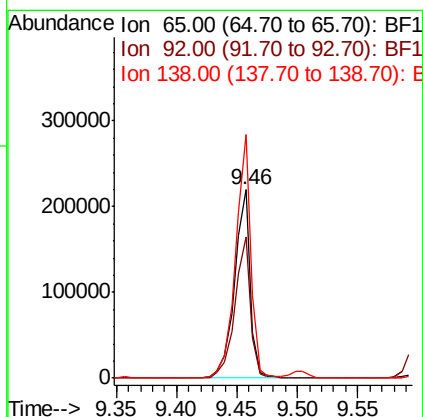
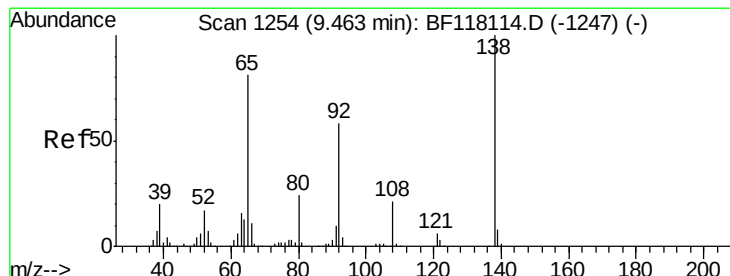
Instrument :
 BNA_F
 ClientSampleId :

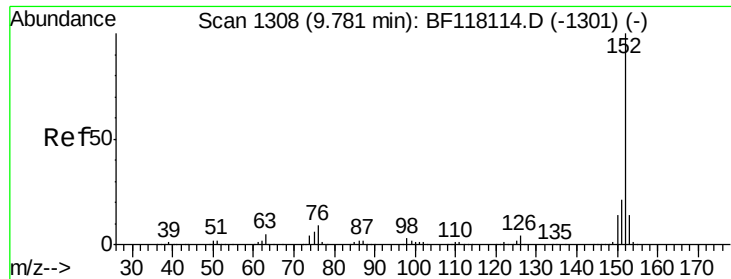
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	32.0	48.0
164	33.4	26.1	39.1



#48
 2-Nitroaniline
 Concen: 34.137 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	57.8	86.6
138	129.2	98.8	148.2





#49

Acenaphthylene

Concen: 39.068 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

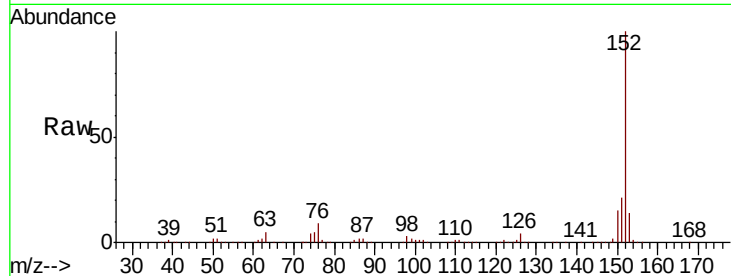
Tot Ion:152 Resp: 1180597

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

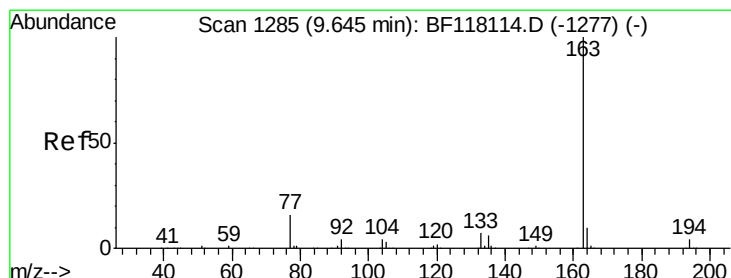
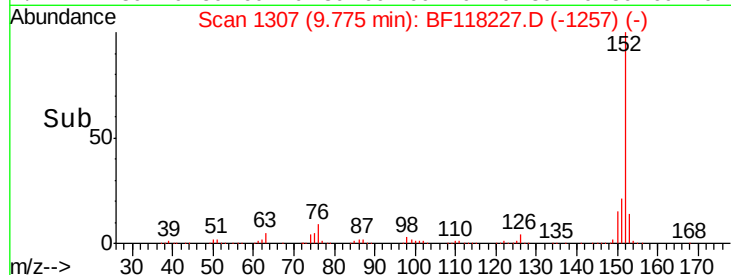
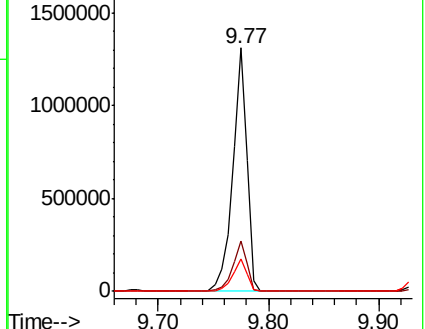
153 13.6 10.8 16.2



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: 39.858 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

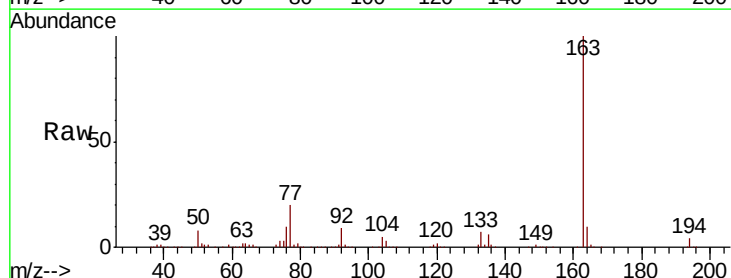
Tgt Ion:163 Resp: 950772

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

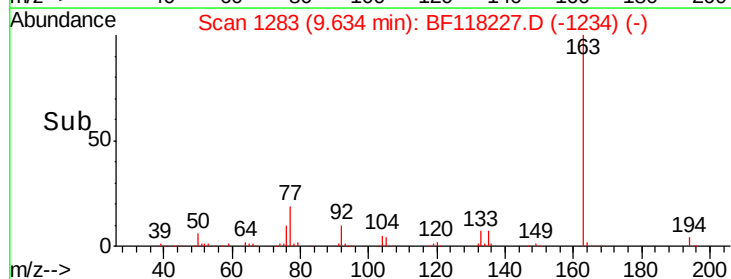
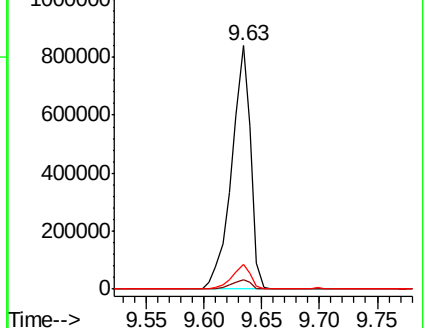
164 10.2 7.7 11.5

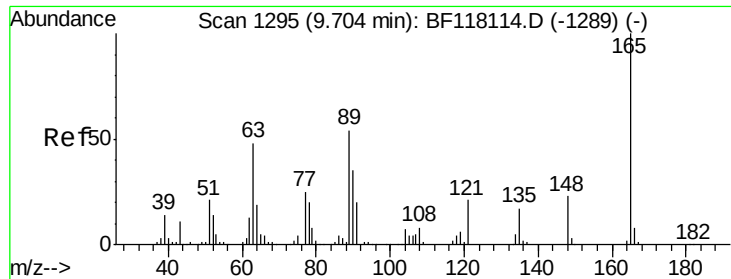


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

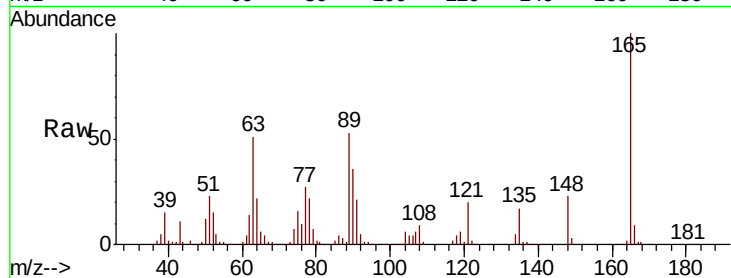




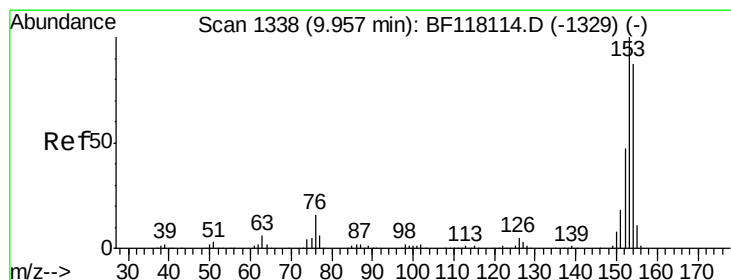
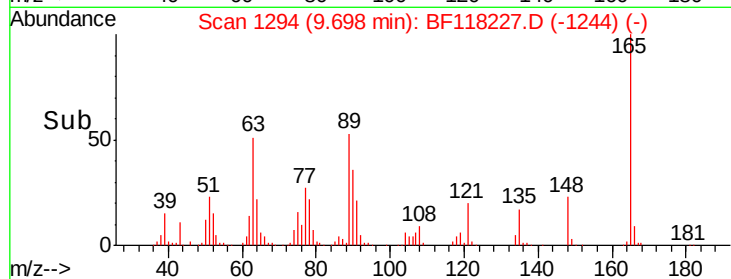
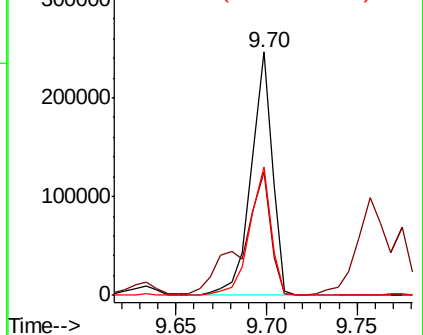
#51
 2,6-Dinitrotoluene
 Concen: 38.738 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.5	41.4	62.0
89	52.9	42.9	64.3

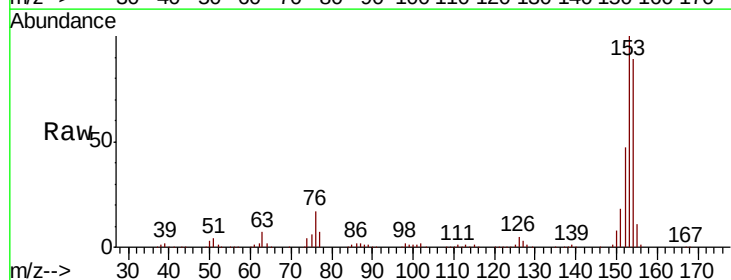


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

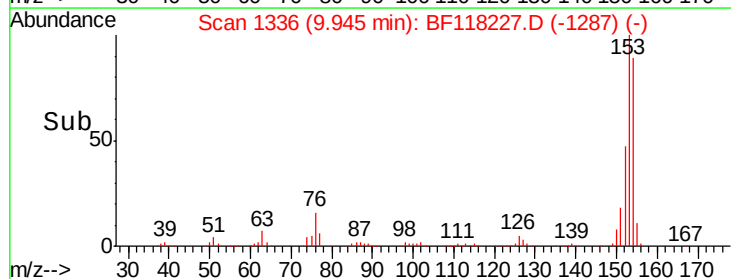
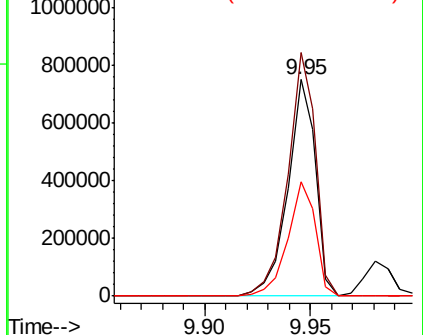


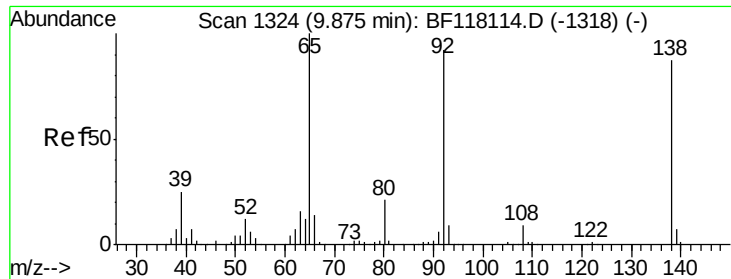
#52
 Acenaphthene
 Concen: 37.347 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.8	137.6
152	52.9	43.3	64.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

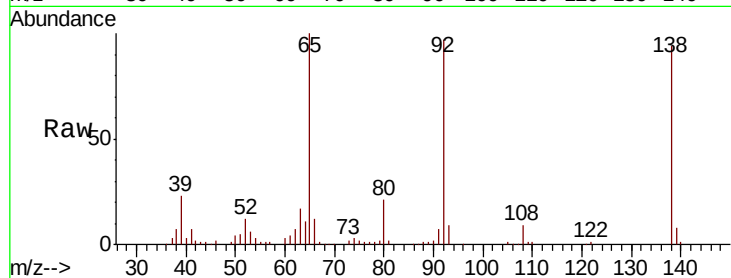




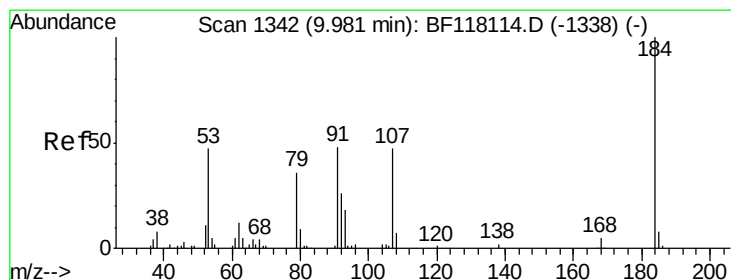
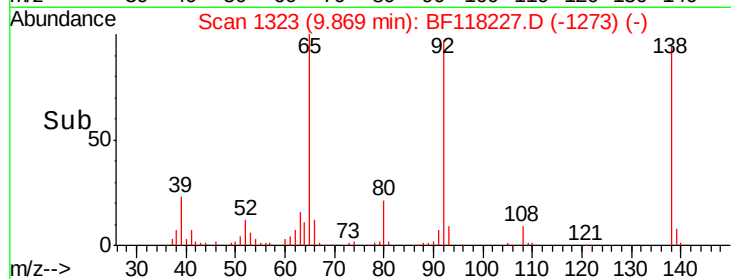
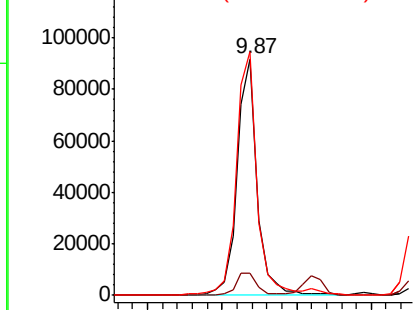
#53
 3-Nitroaniline
 Concen: 14.172 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 86509
 Ion Ratio Lower Upper
 138 100
 108 9.6 8.2 12.4
 92 103.1 84.9 127.3

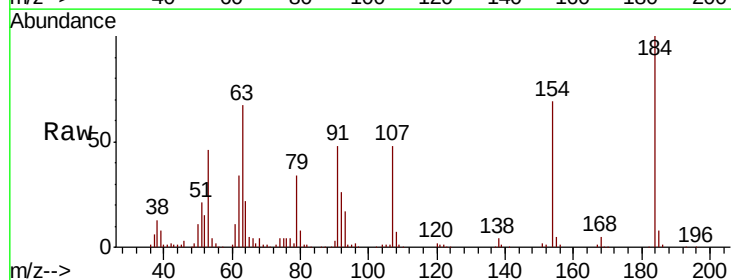


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

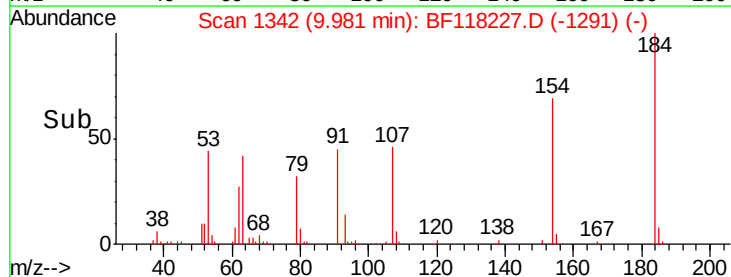
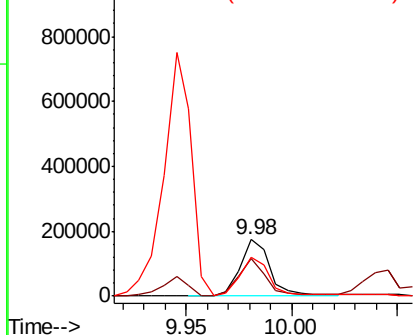


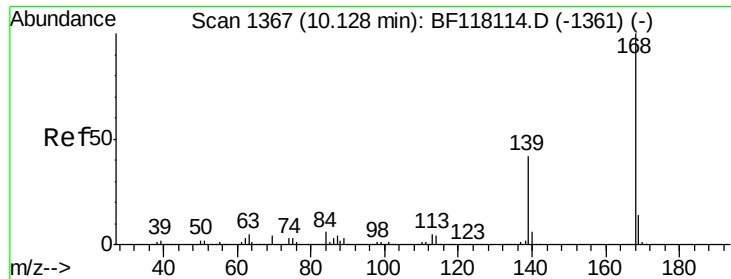
#54
 2,4-Dinitrophenol
 Concen: 66.657 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Tgt Ion:184 Resp: 172013
 Ion Ratio Lower Upper
 184 100
 63 67.1 53.9 80.9
 154 69.0 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

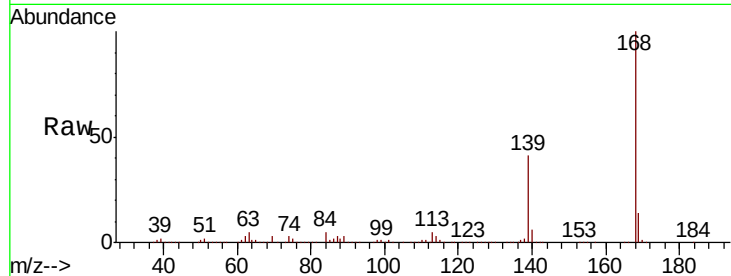




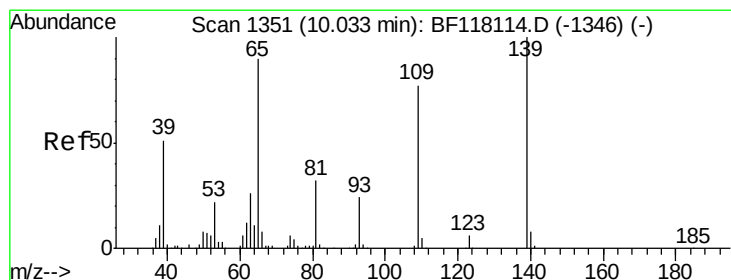
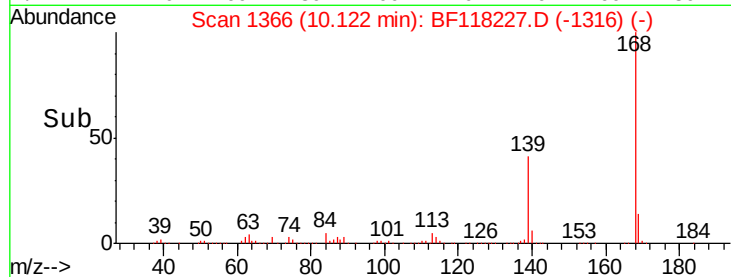
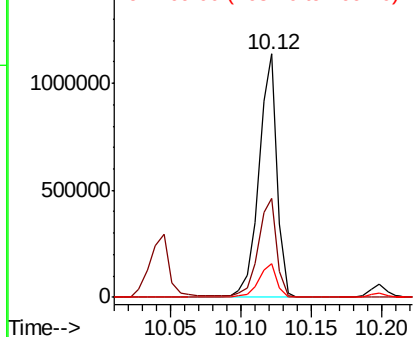
#55
Dibenzofuran
Concen: 38.212 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1032731
Ion Ratio Lower Upper
168 100
139 40.7 33.4 50.0
169 13.7 11.0 16.6

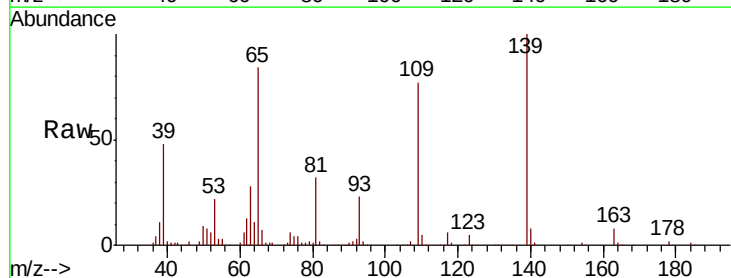


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

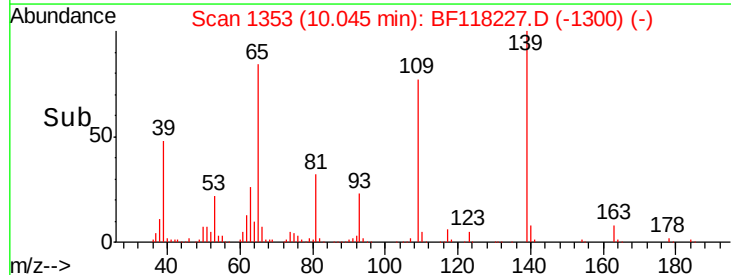
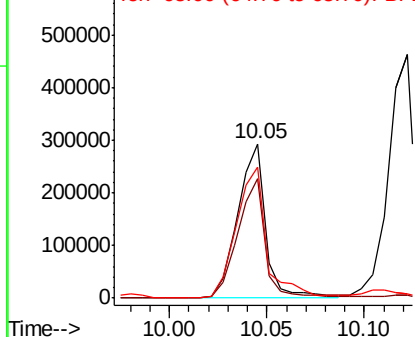


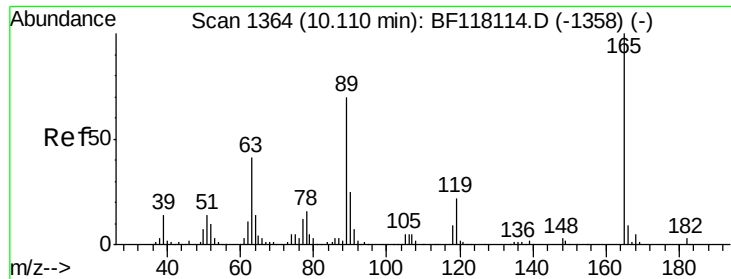
#56
4-Nitrophenol
Concen: 68.515 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion:139 Resp: 290246
Ion Ratio Lower Upper
139 100
109 77.0 57.3 97.3
65 84.4 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

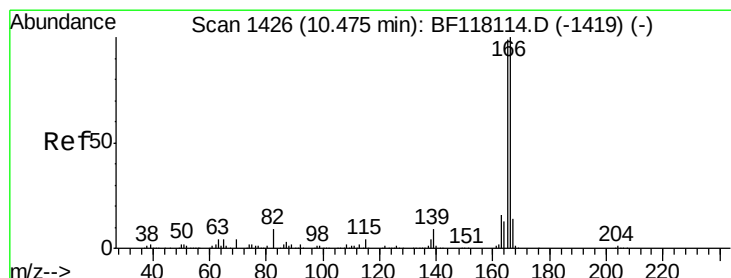
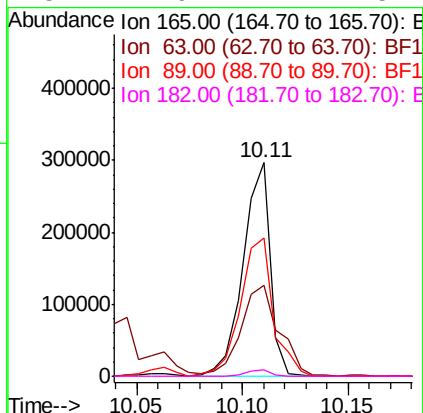
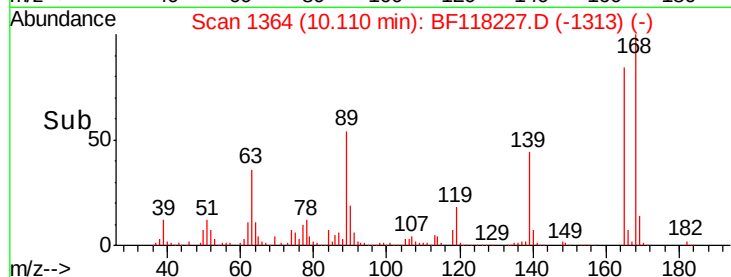
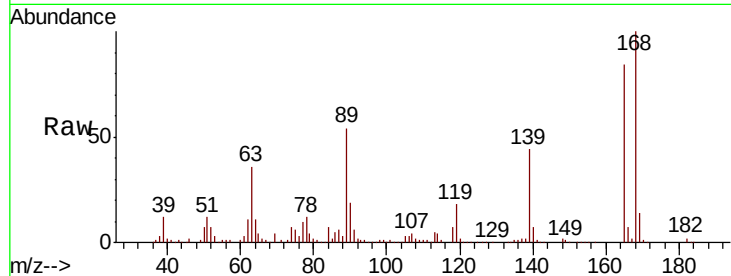




#57
2,4-Dinitrotoluene
Concen: 38.268 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

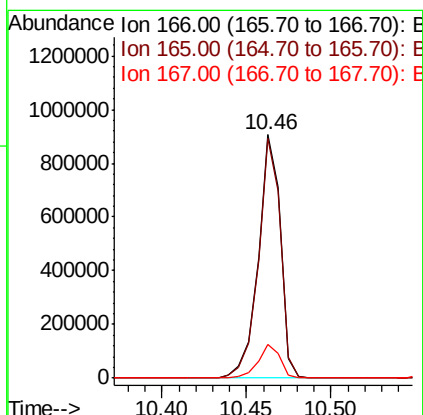
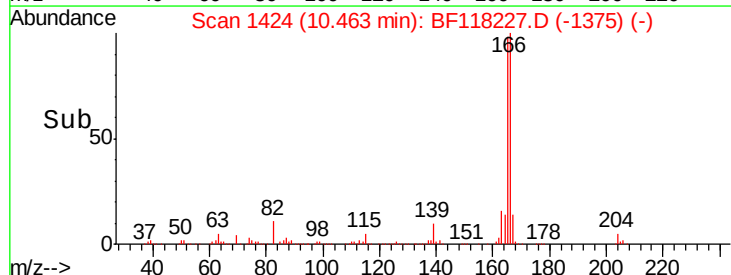
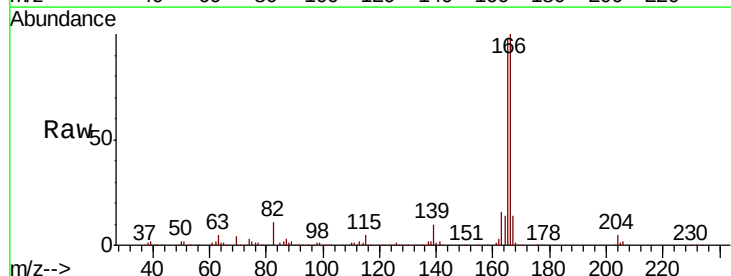
Instrument :
BNA_F
ClientSampled :

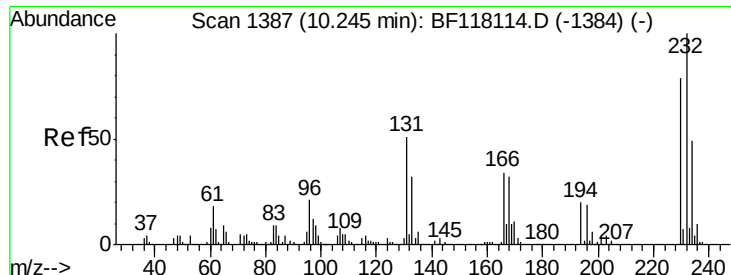
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	32.6	49.0
89	64.5	56.1	84.1
182	2.9	2.1	3.1



#58
Fluorene
Concen: 38.515 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	13.9	10.9	16.3

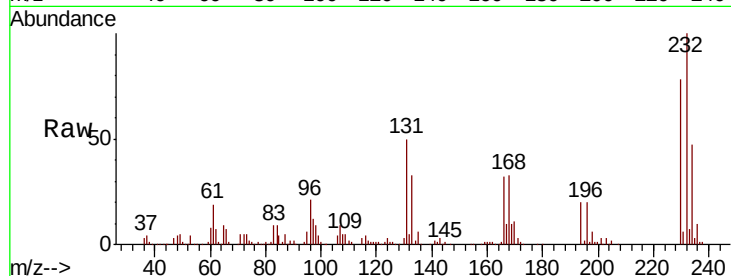




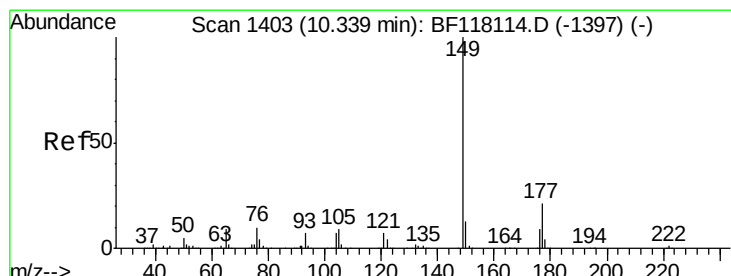
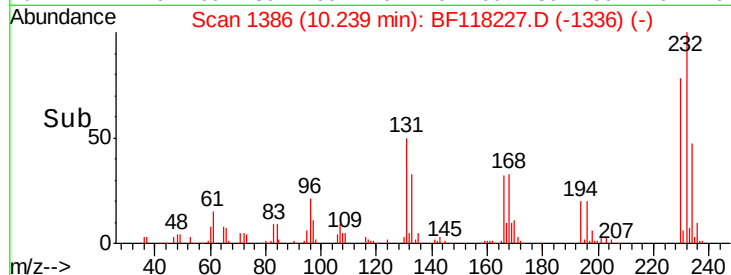
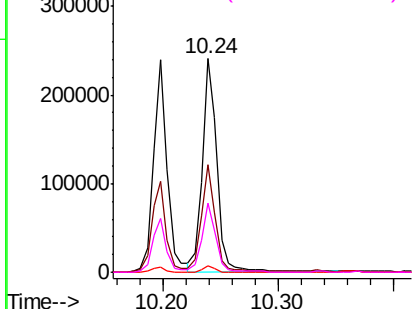
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.633 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.2	38.8	58.2
130	2.6	1.9	2.9
166	31.3	25.4	38.0

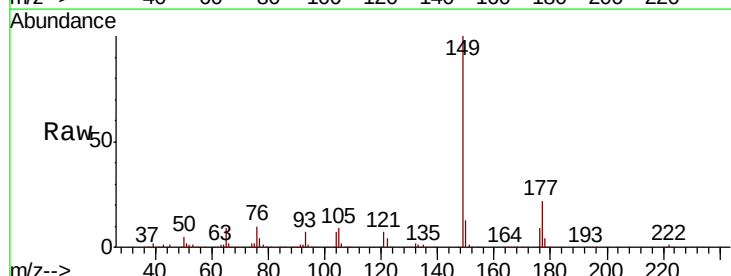


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

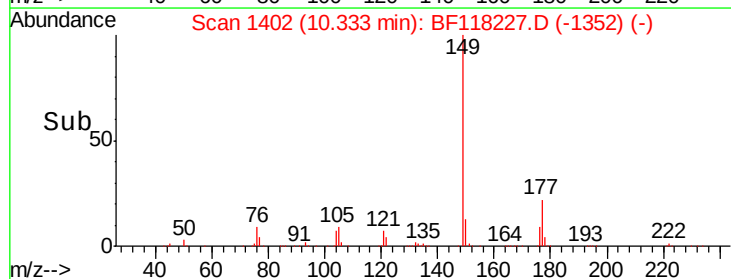
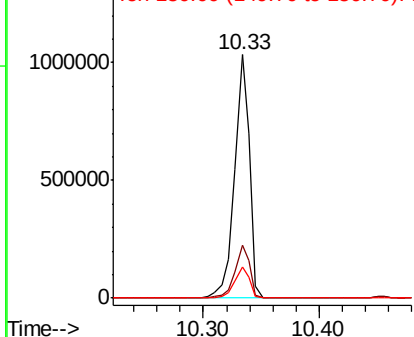


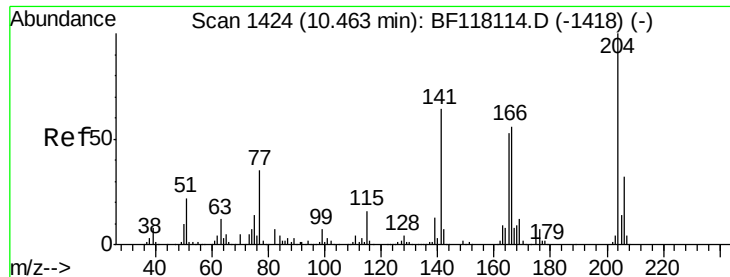
#60
Diethylphthalate
Concen: 38.942 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.4
150	12.9	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

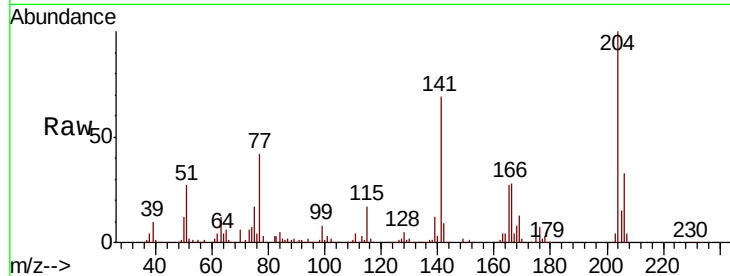




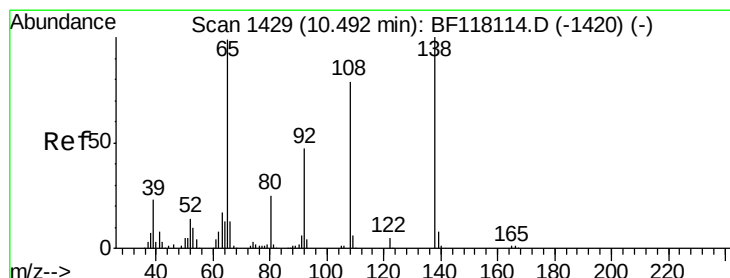
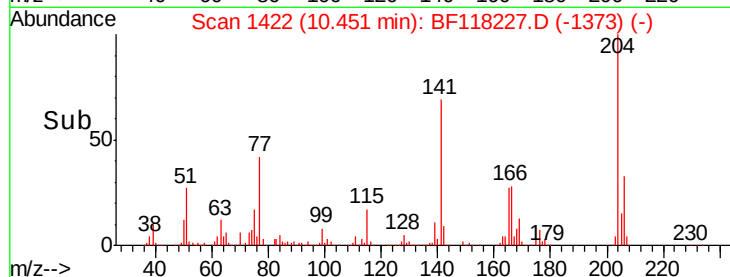
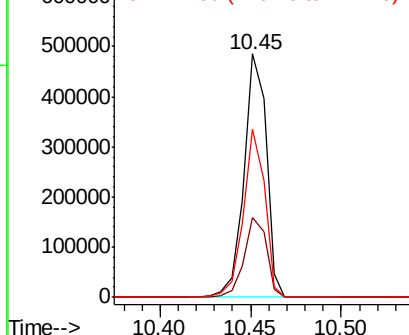
#61
4-Chlorophenyl-phenylether
Concen: 38.310 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 414007
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 69.2 51.0 76.6

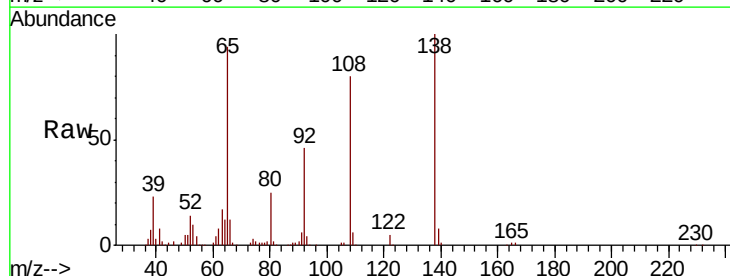


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

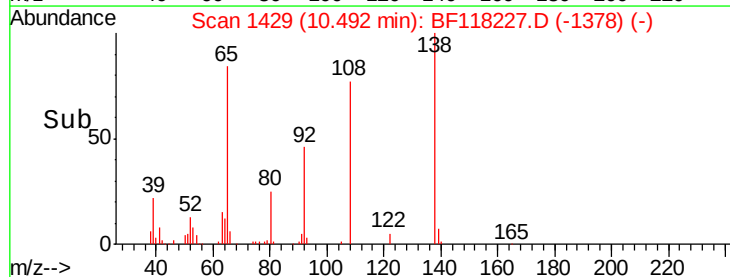
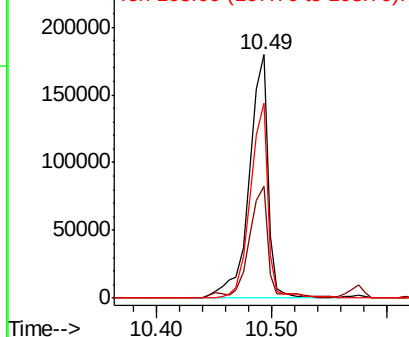


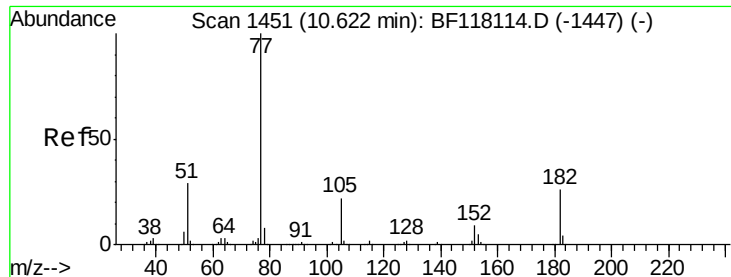
#62
4-Nitroaniline
Concen: 31.999 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion:138 Resp: 203720
Ion Ratio Lower Upper
138 100
92 45.9 27.1 67.1
108 80.2 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: 38.639 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 775225

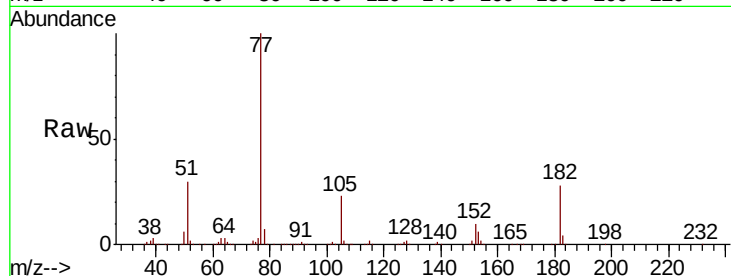
Ion Ratio Lower Upper

77 100

182 28.4 5.7 45.7

105 22.9 2.2 42.2

51 29.6 9.6 49.6

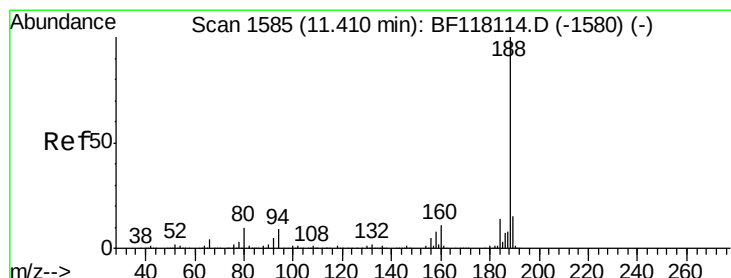
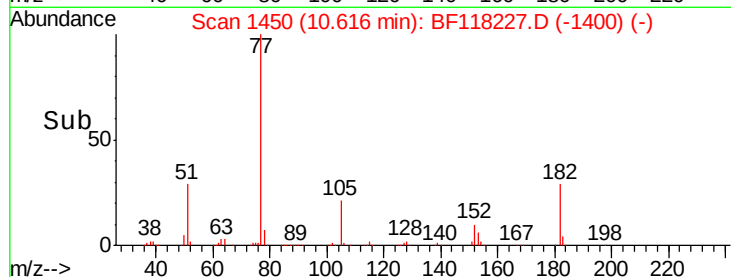
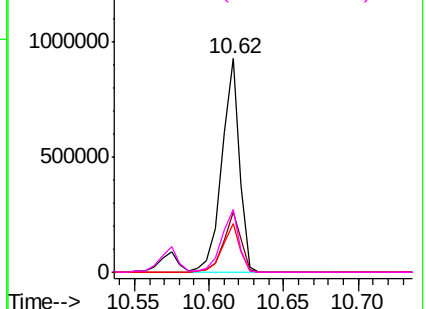


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

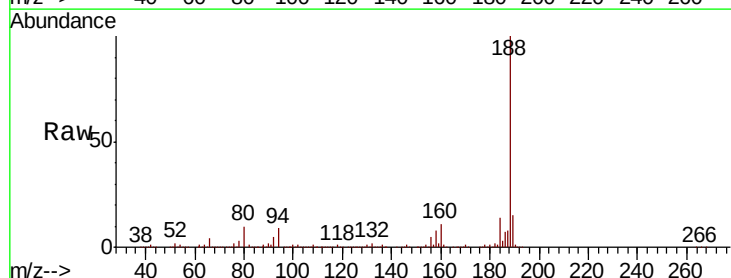
Tgt Ion: 188 Resp: 585889

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

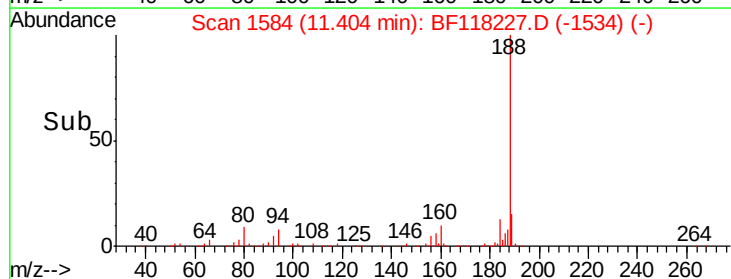
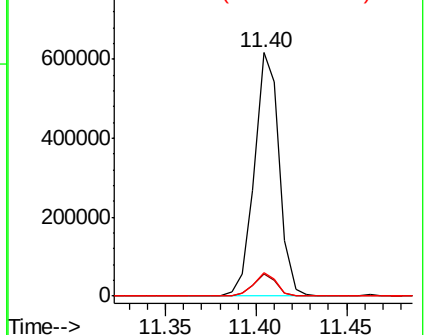
80 9.5 7.9 11.9

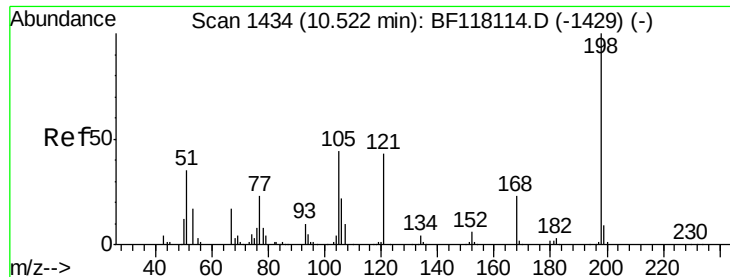


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

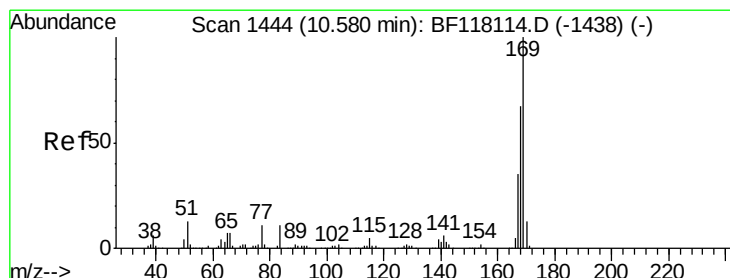
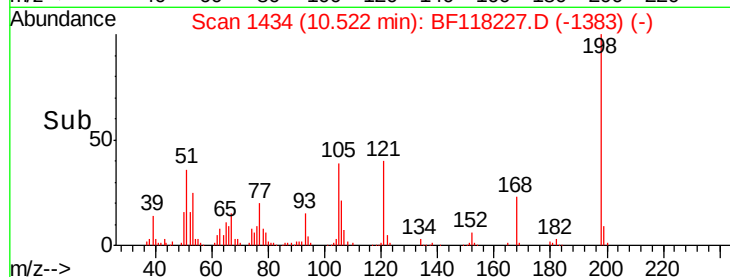
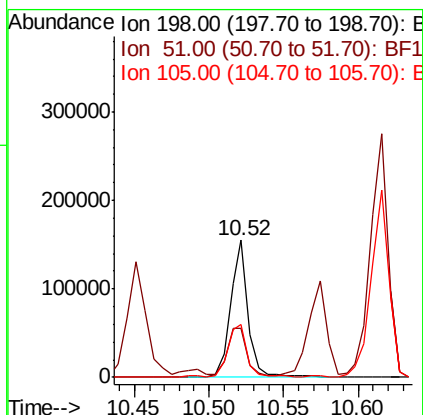
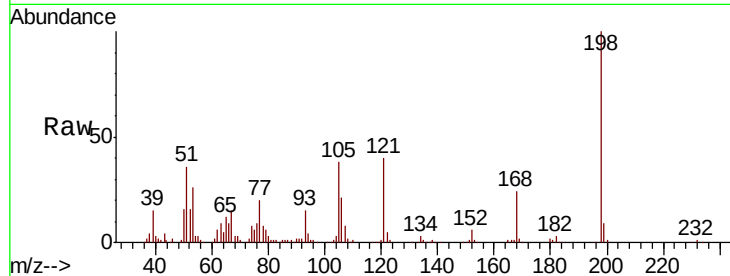




#65
4,6-Dinitro-2-methylphenol
Concen: 40.039 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

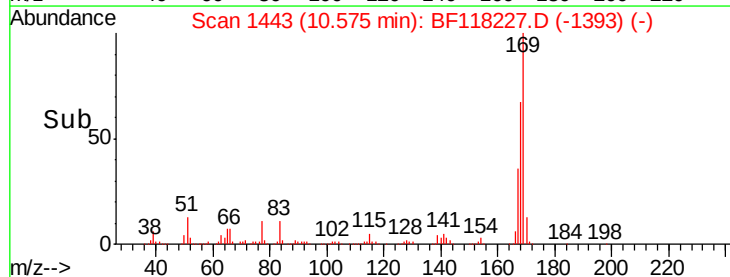
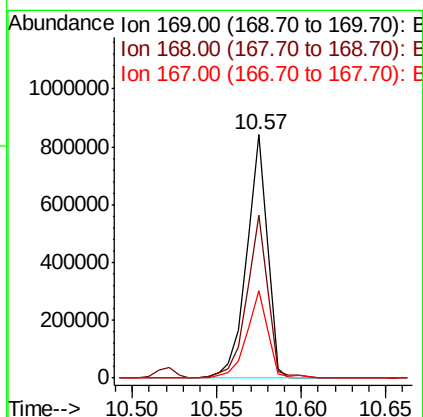
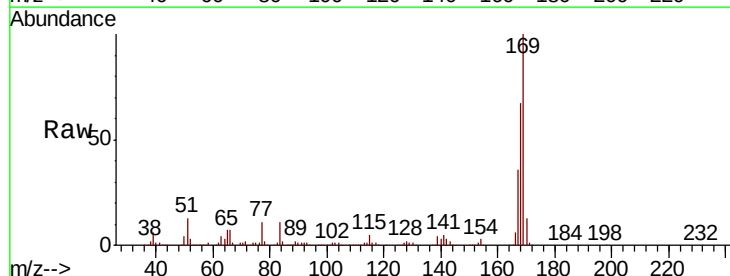
Instrument :
BNA_F
ClientSampleId :

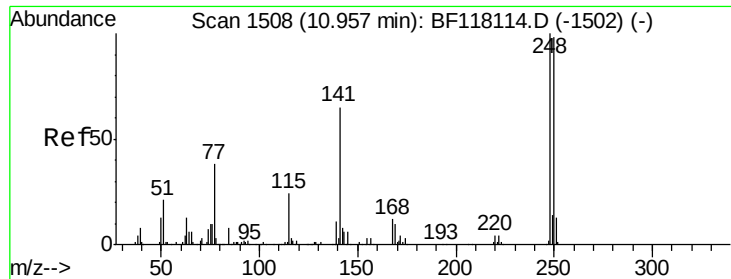
Tot Ion:198 Resp: 129550
Ion Ratio Lower Upper
198 100
51 35.6 22.0 62.0
105 38.5 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 39.882 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion:169 Resp: 729694
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 35.9 28.4 42.6

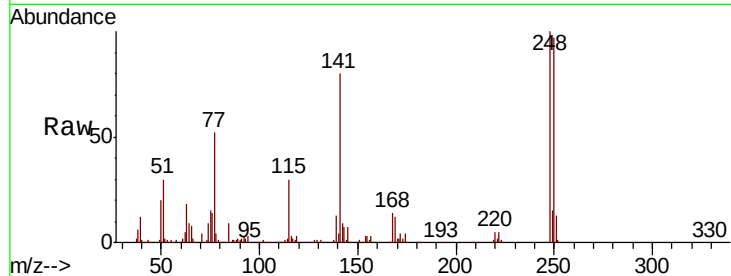




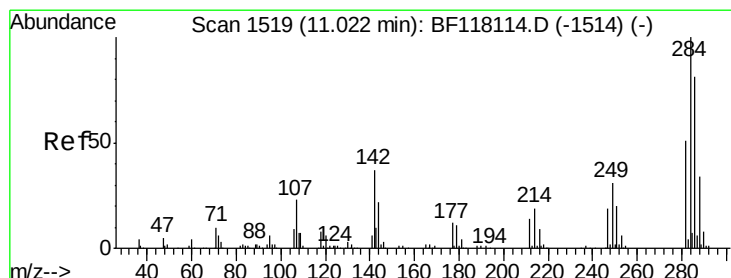
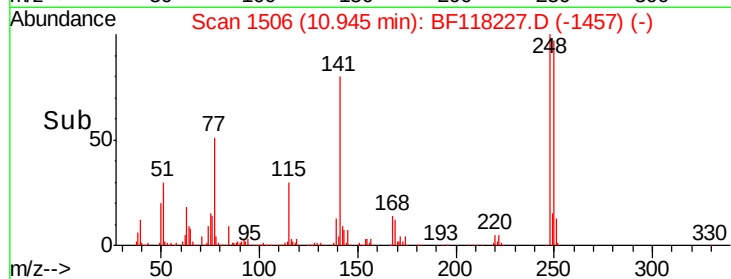
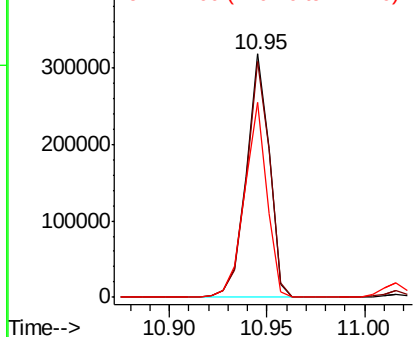
#67
4-Bromophenyl-phenylether
Concen: 39.091 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 261445
Ion Ratio Lower Upper
248 100
250 96.9 78.3 117.5
141 80.2 52.2 78.4#

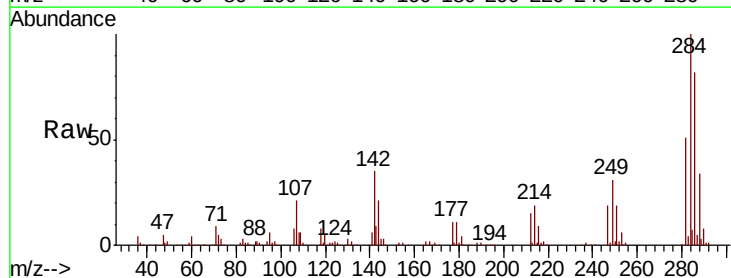


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

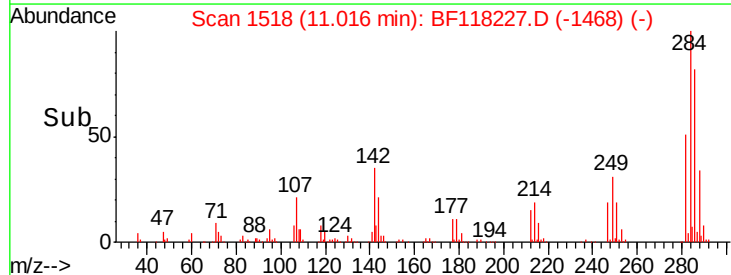
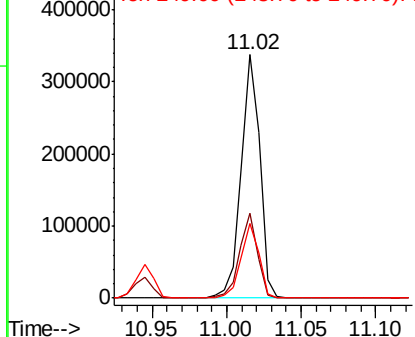


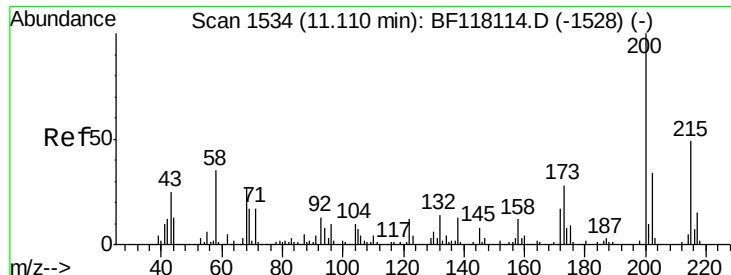
#68
Hexachlorobenzene
Concen: 37.425 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion:284 Resp: 294605
Ion Ratio Lower Upper
284 100
142 34.9 29.7 44.5
249 30.8 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

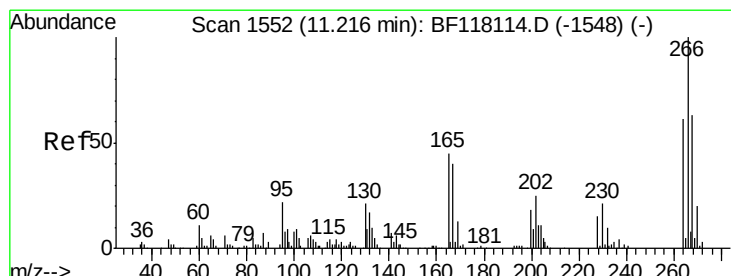
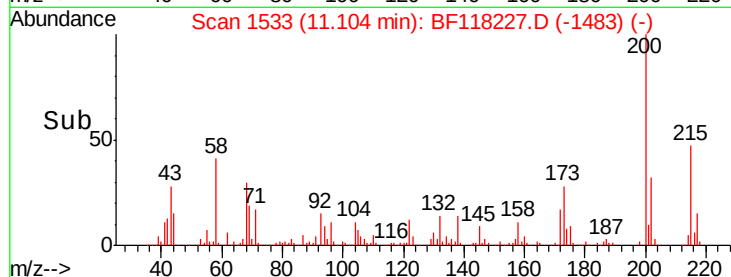
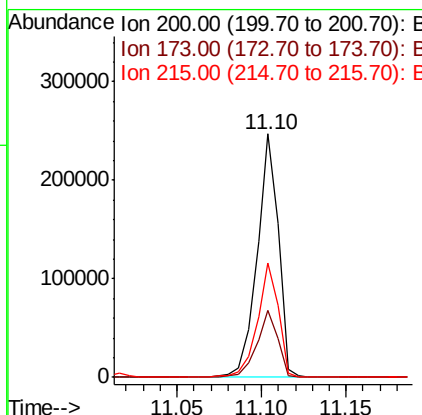
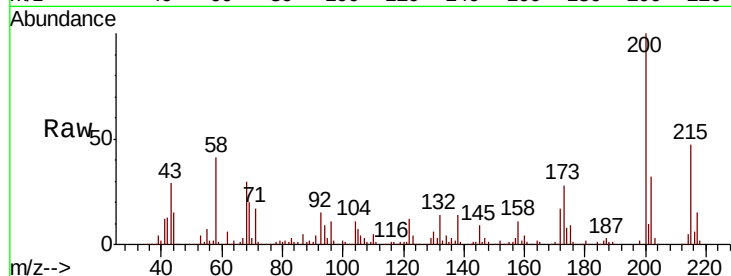




#69
 Atrazine
 Concen: 44.558 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

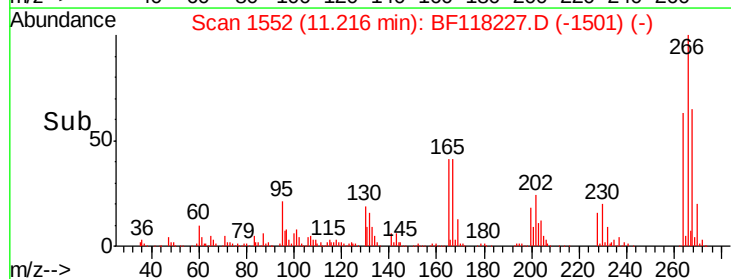
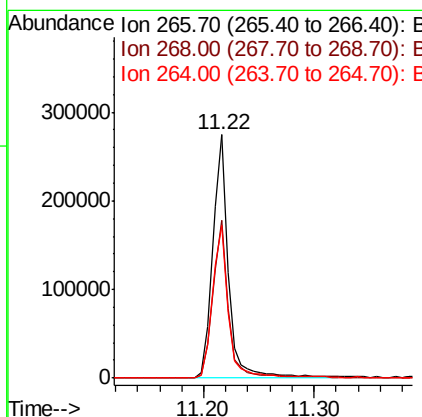
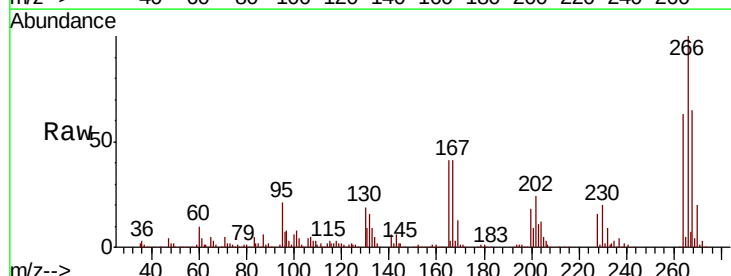
Instrument :
 BNA_F
 ClientSampleId :

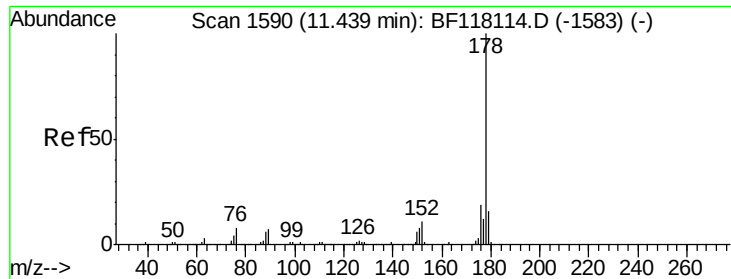
Tot Ion:200 Resp: 218169
 Ion Ratio Lower Upper
 200 100
 173 27.6 8.1 48.1
 215 47.1 29.0 69.0



#70
 Pentachlorophenol
 Concen: 72.668 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Tgt Ion:266 Resp: 269013
 Ion Ratio Lower Upper
 266 100
 268 64.9 50.7 76.1
 264 62.9 48.7 73.1

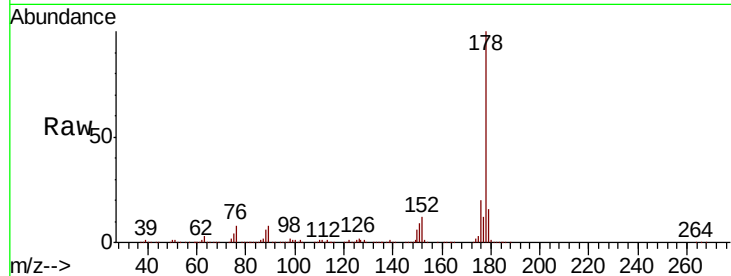




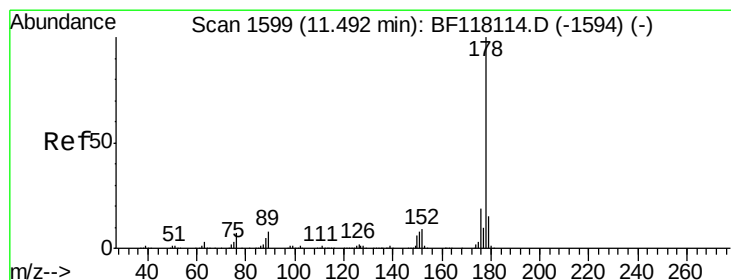
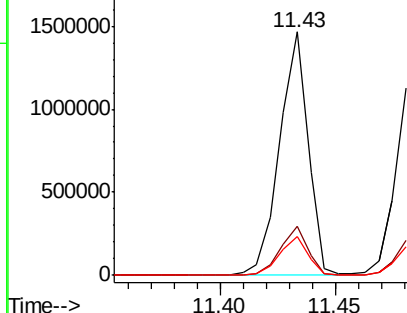
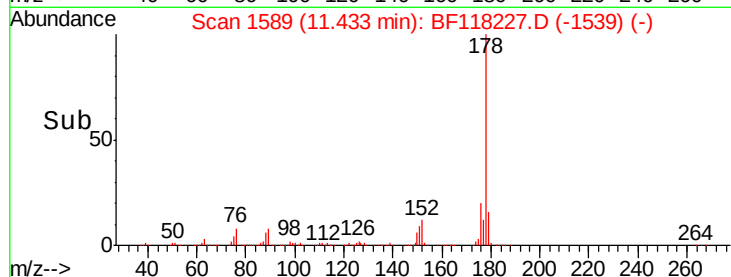
#71
Phenanthrene
Concen: 40.236 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1253152
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 16.1 12.6 18.8

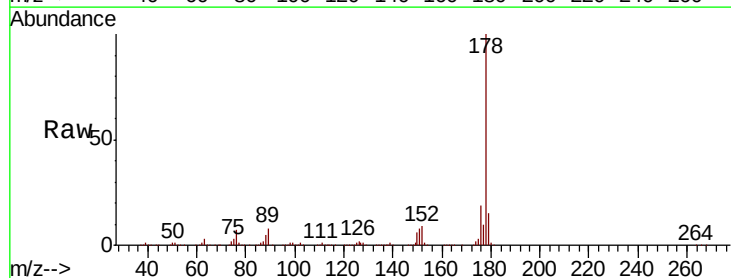


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

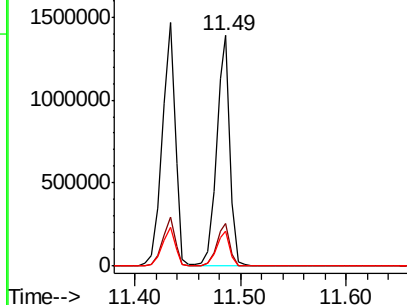
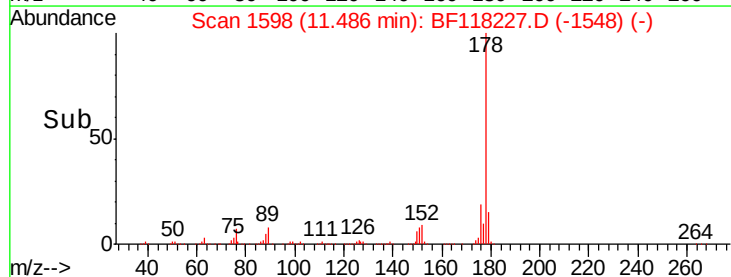


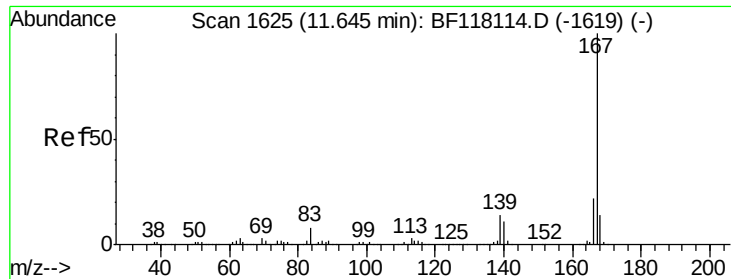
#72
Anthracene
Concen: 39.816 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion:178 Resp: 1237065
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.3 12.2 18.4



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

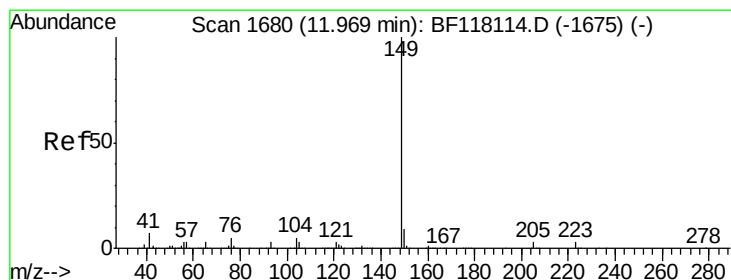
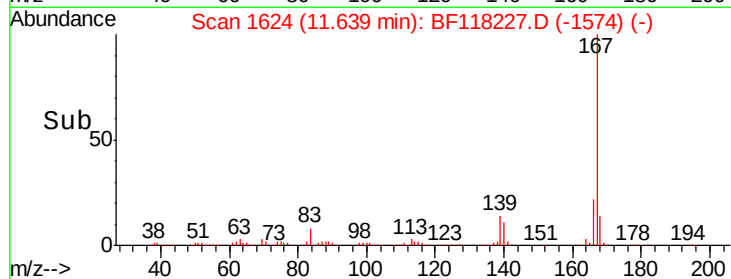
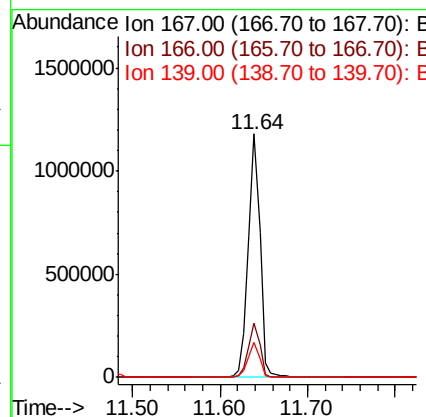
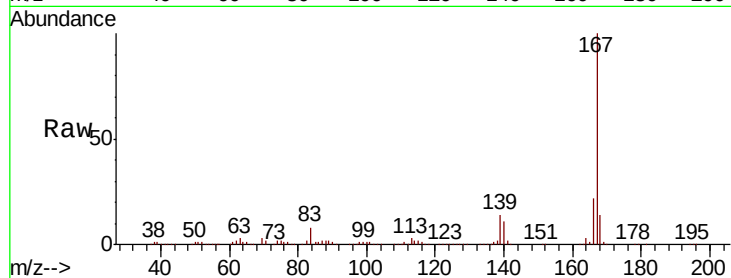




#73
 Carbazole
 Concen: 37.671 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

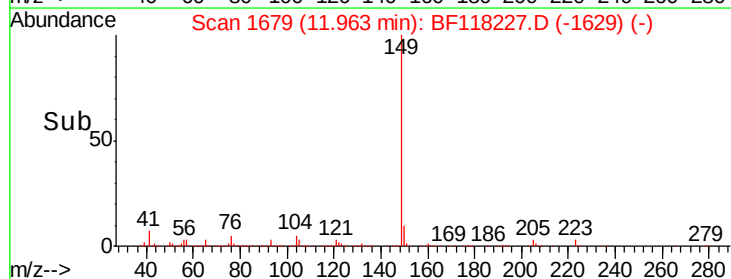
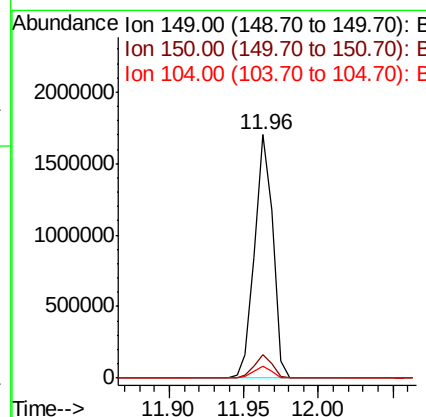
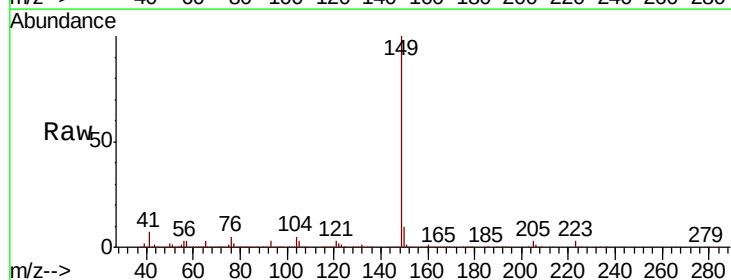
Instrument :
 BNA_F
 ClientSampleId :

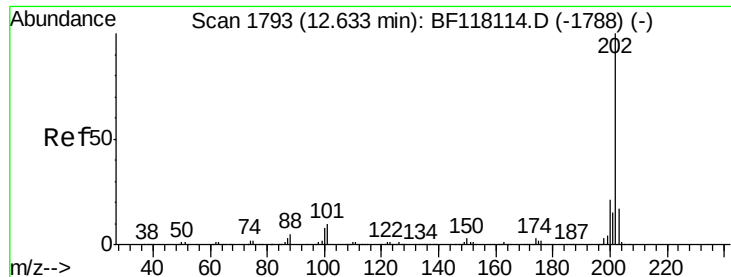
Tot Ion:167 Resp: 1050115
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 14.3 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 41.060 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Tgt Ion:149 Resp: 1432476
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 40.955 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

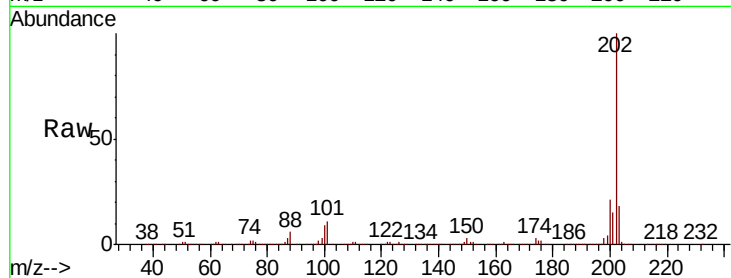
Tot Ion:202 Resp: 1304135

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.4

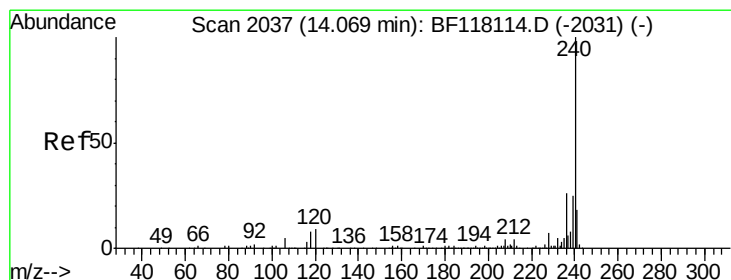
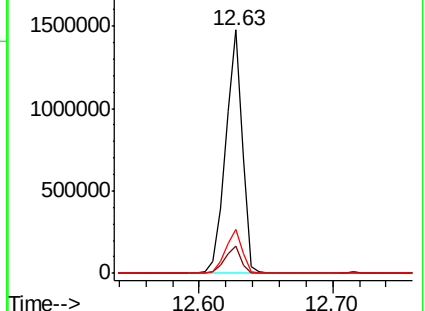
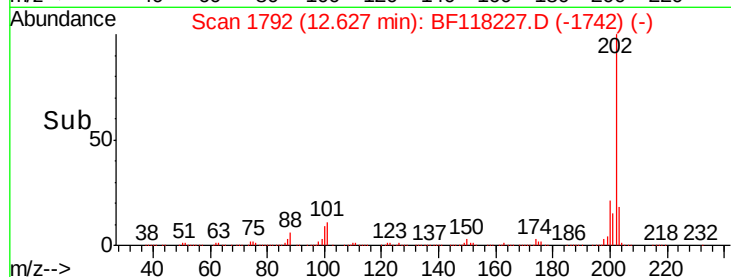
203 17.9 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

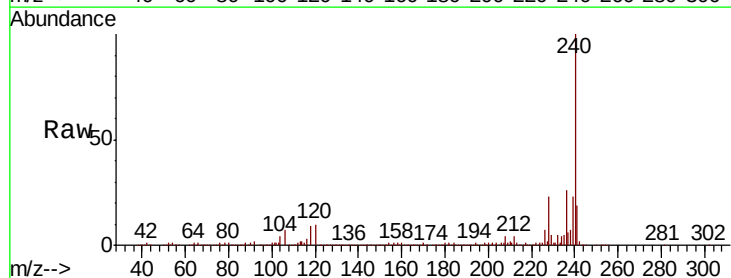
Tgt Ion:240 Resp: 375299

Ion Ratio Lower Upper

240 100

120 9.6 7.1 10.7

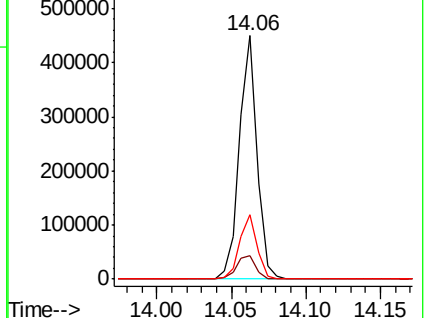
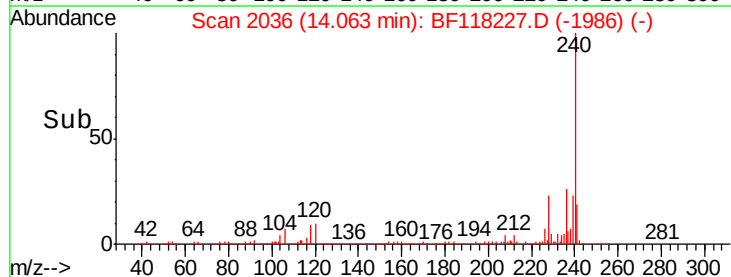
236 26.3 21.0 31.6

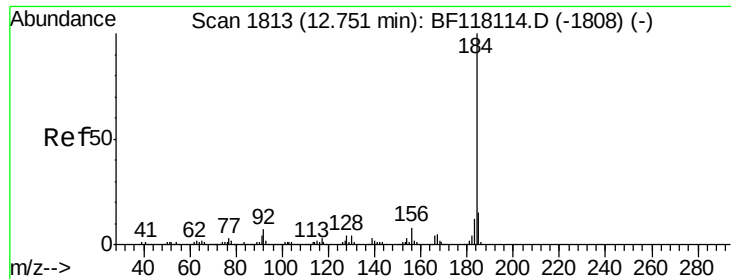


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.337 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

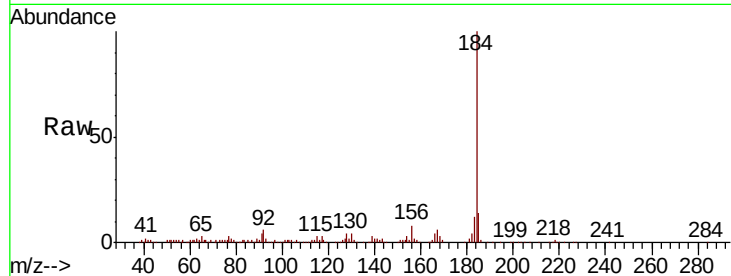
Tot Ion:184 Resp: 250324

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

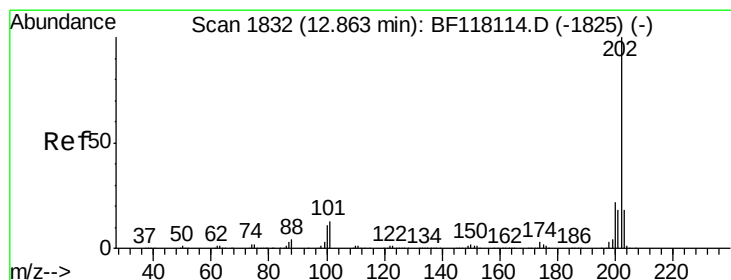
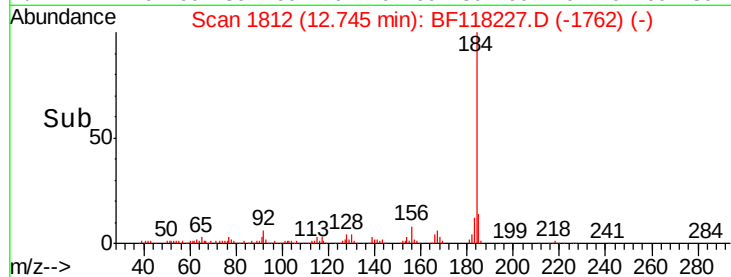
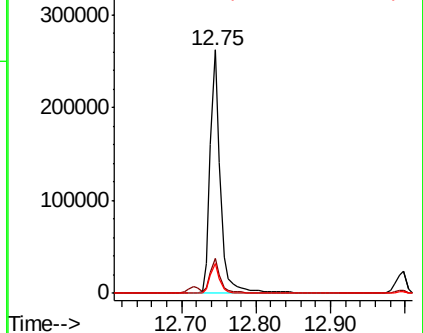
183 12.3 9.9 14.9



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: 45.456 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

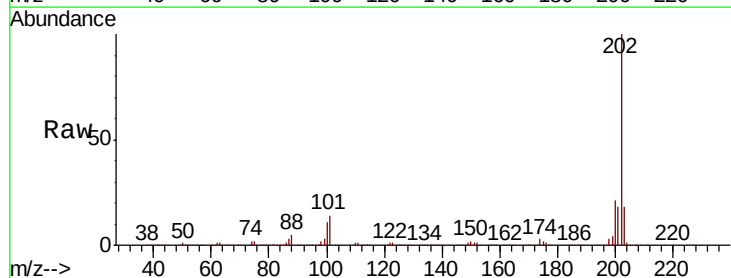
Tgt Ion:202 Resp: 1344359

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

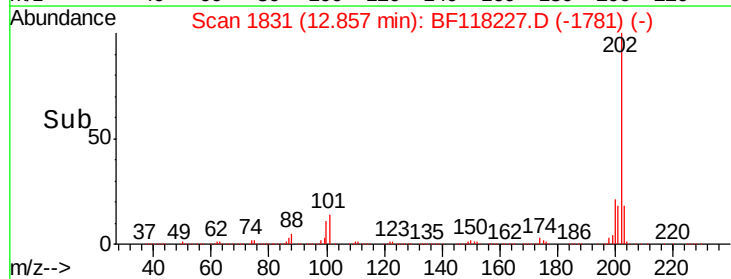
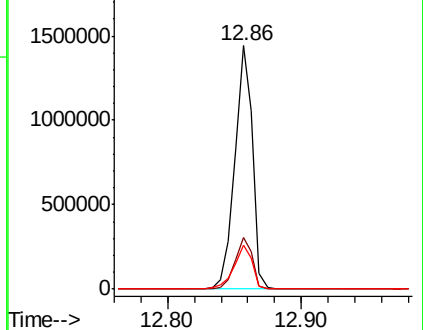
203 17.8 14.6 21.8

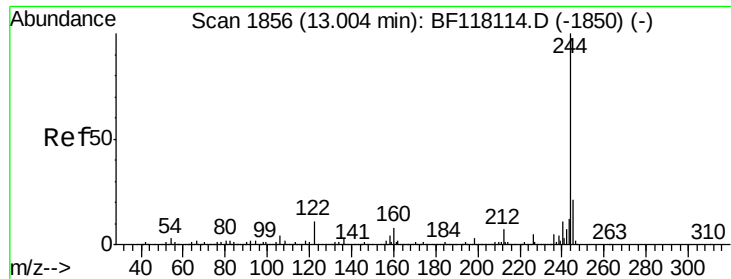


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.419 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

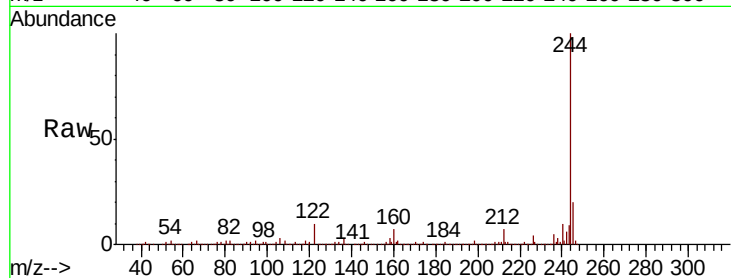
Tot Ion:244 Resp: 1449555

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

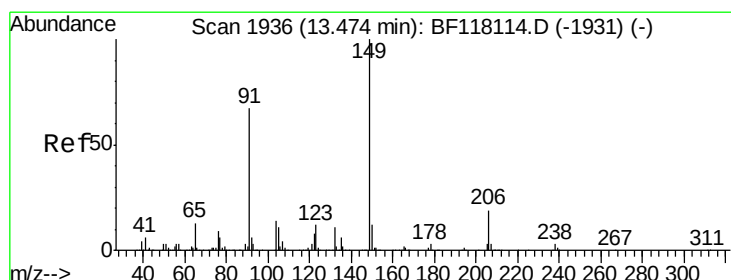
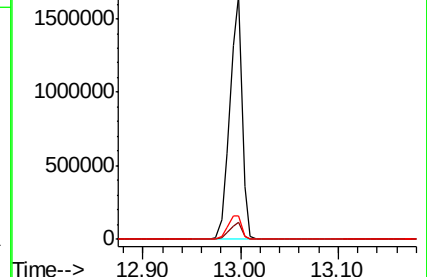
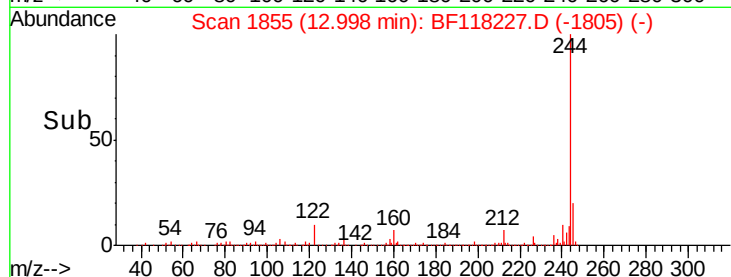
122 9.7 9.0 13.6



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: 42.948 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

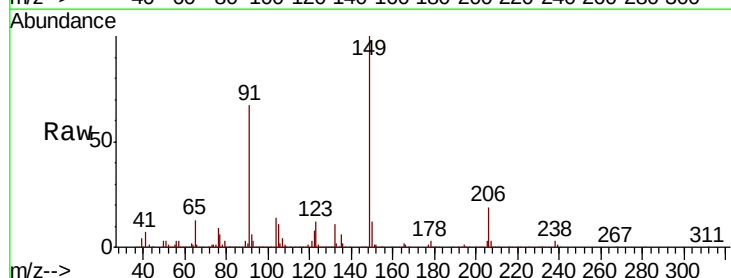
Tgt Ion:149 Resp: 575251

Ion Ratio Lower Upper

149 100

91 67.0 53.9 80.9

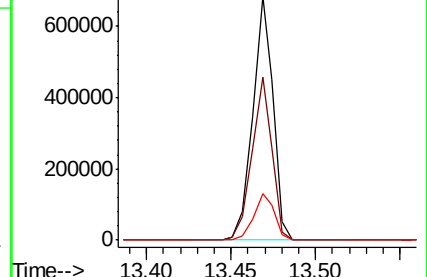
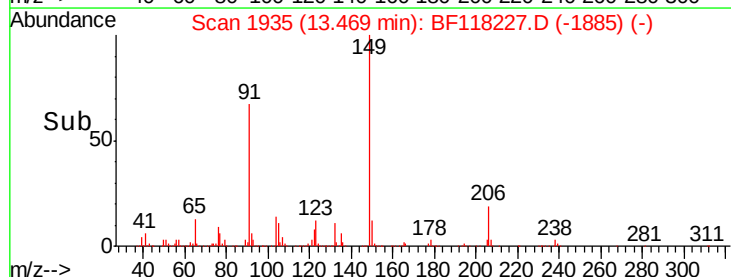
206 19.0 15.2 22.8

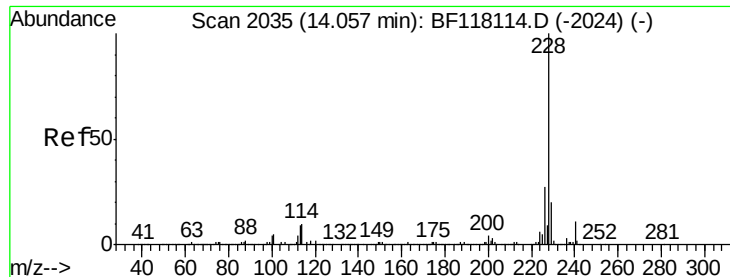


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.756 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

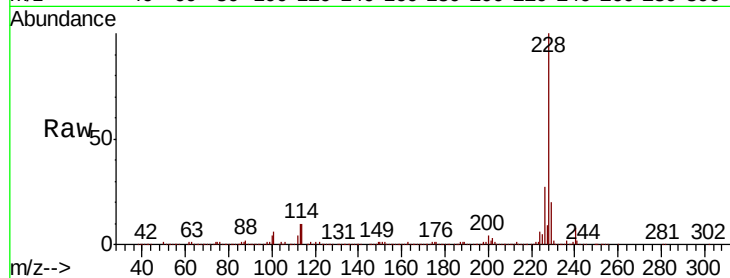
Tot Ion:228 Resp: 1031698

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.9	15.8	23.8

228 100

226 27.1 21.8 32.8

229 19.9 15.8 23.8

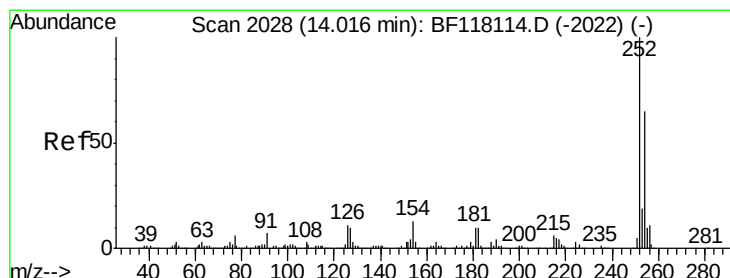
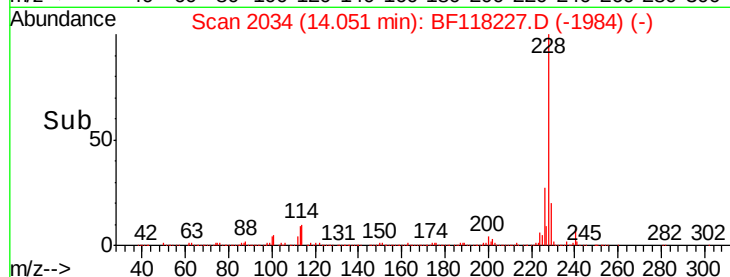
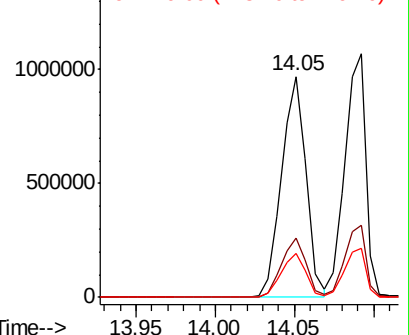


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.075 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

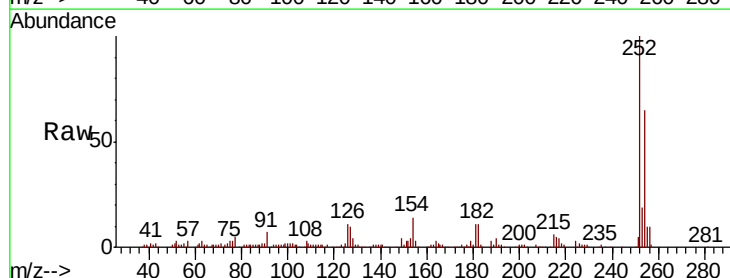
Tgt Ion:252 Resp: 128480

Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.2	78.4
126	11.2	8.6	13.0

252 100

254 65.4 52.2 78.4

126 11.2 8.6 13.0

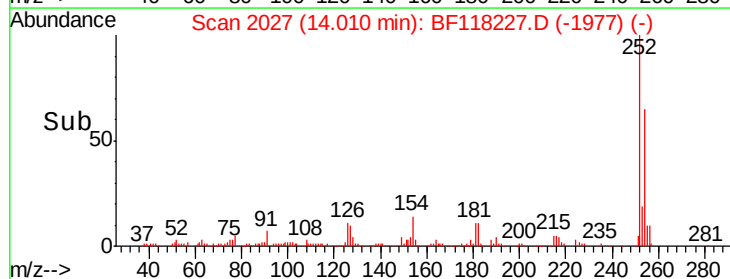
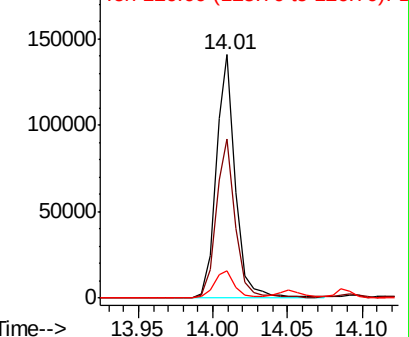


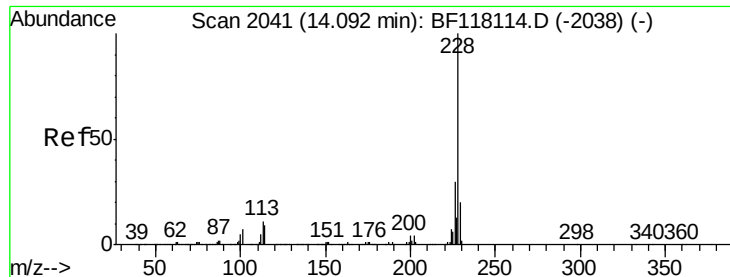
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

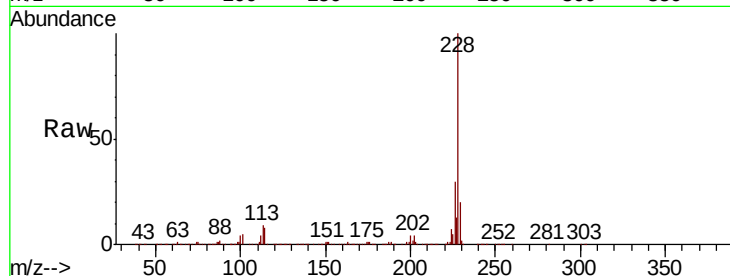




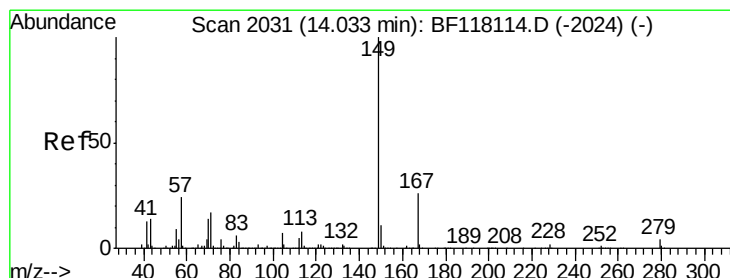
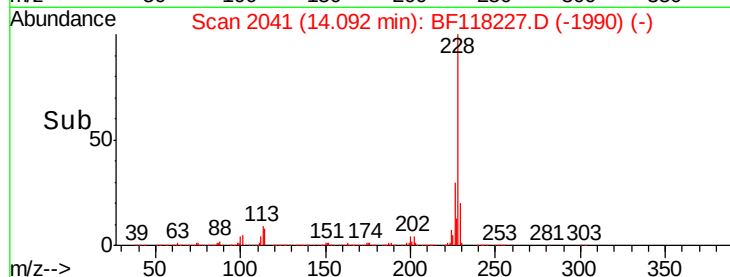
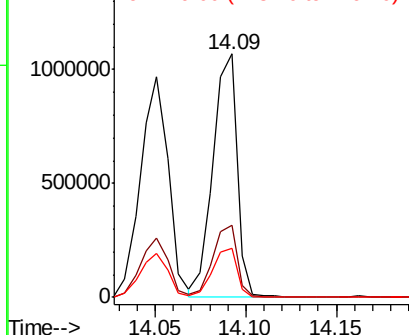
#83
 Chrvsene
 Concen: 40.020 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	20.1	15.7	23.5

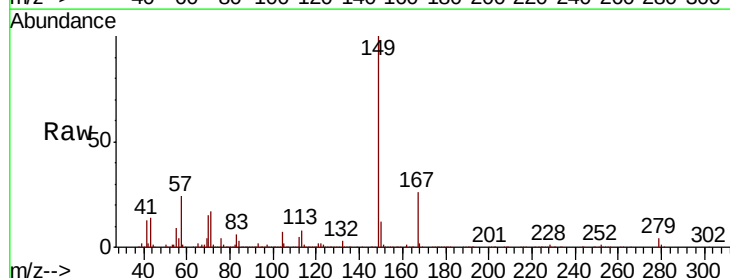


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

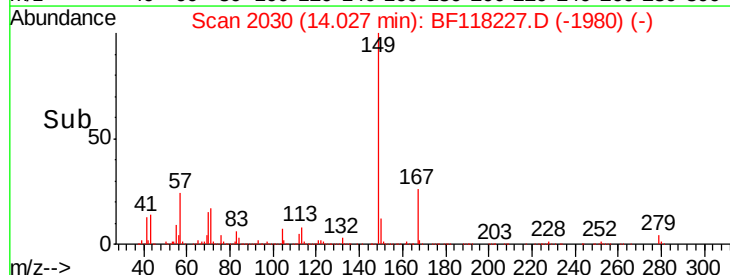
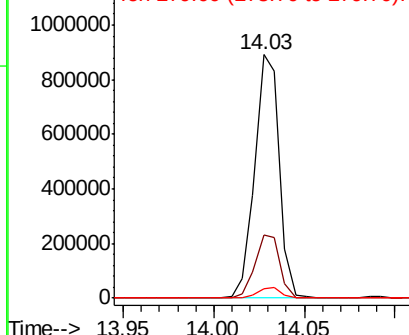


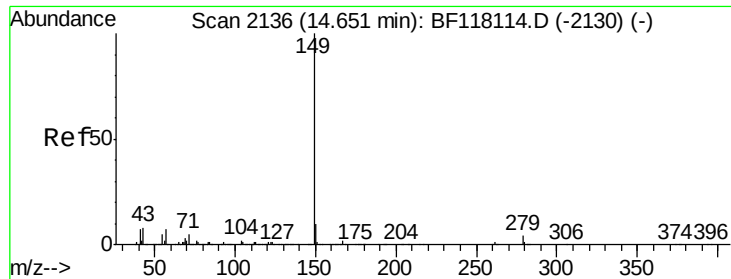
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.584 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF118227.D
 Acq: 17 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.8	31.2
279	3.6	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: 48.701 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

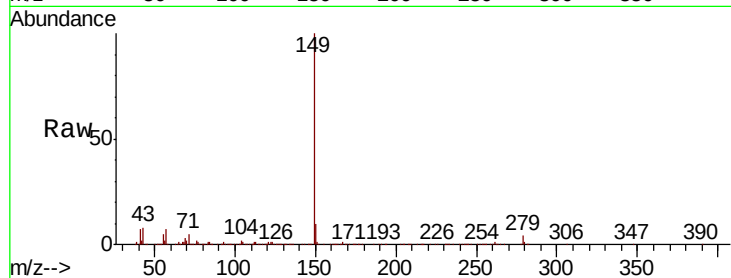
Tot Ion:149 Resp: 1302949

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

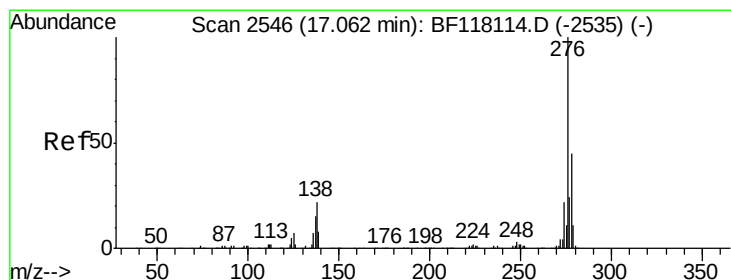
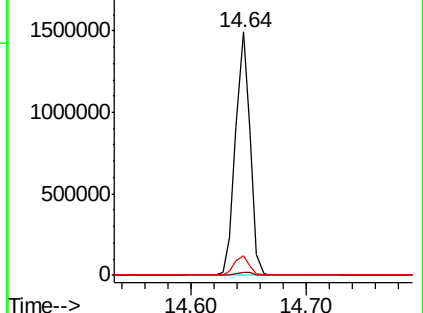
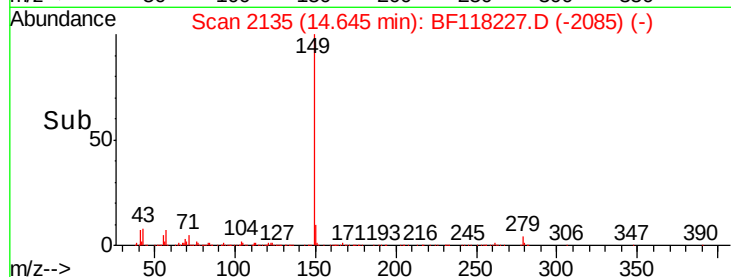
43 8.0 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.715 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF118227.D

Acq: 17 Dec 2019 15:37

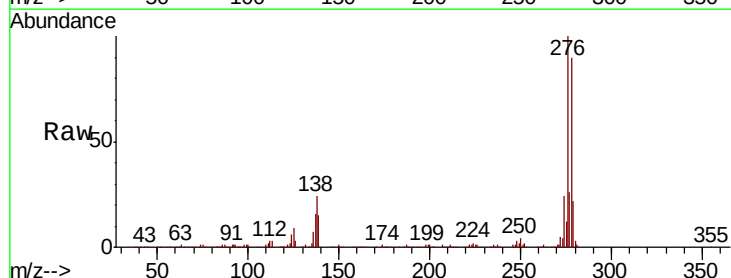
Tgt Ion:276 Resp: 870062

Ion Ratio Lower Upper

276 100

138 23.7 18.9 28.3

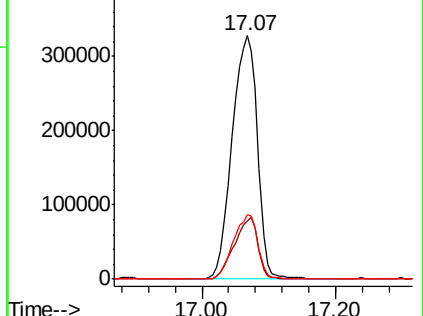
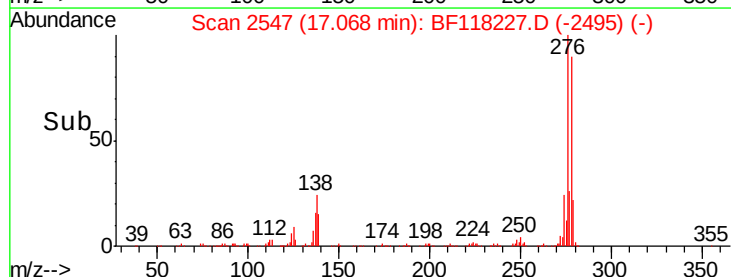
277 25.9 20.4 30.6

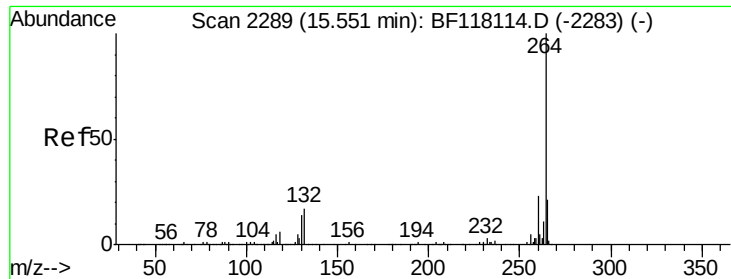


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



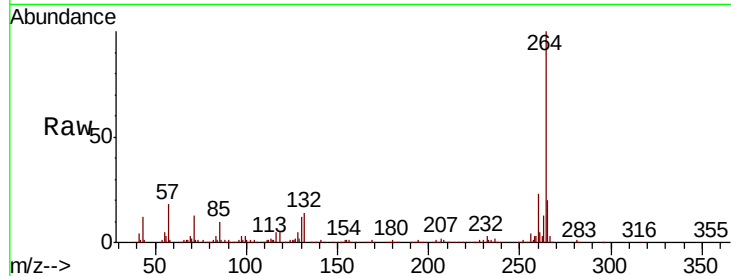


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

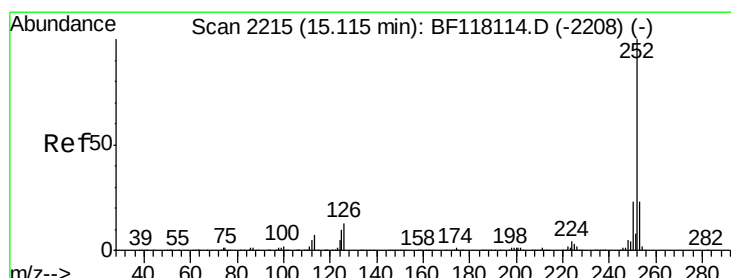
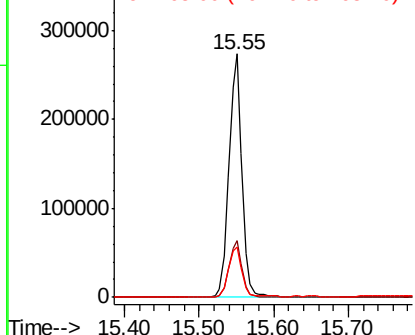
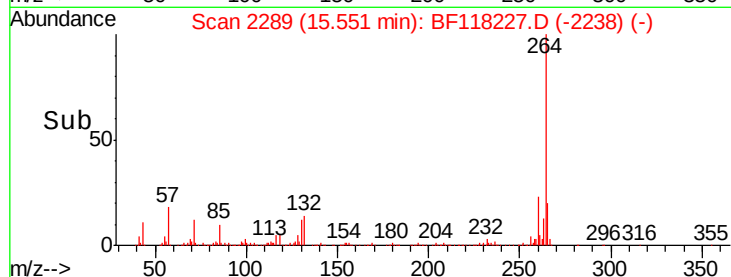
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 336249

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	20.5	16.8	25.2



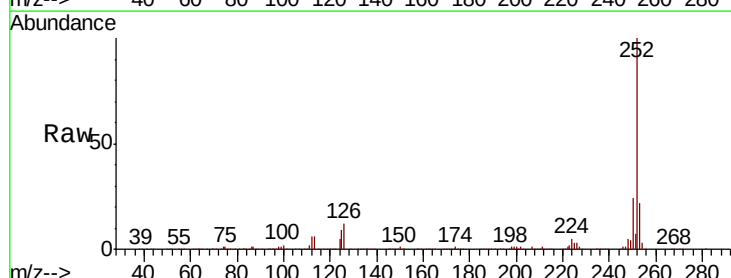
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



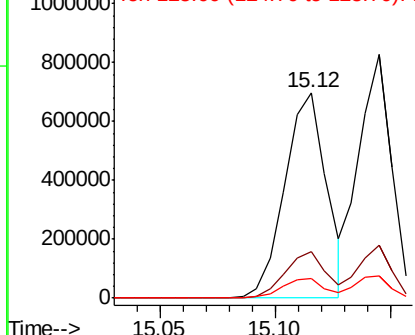
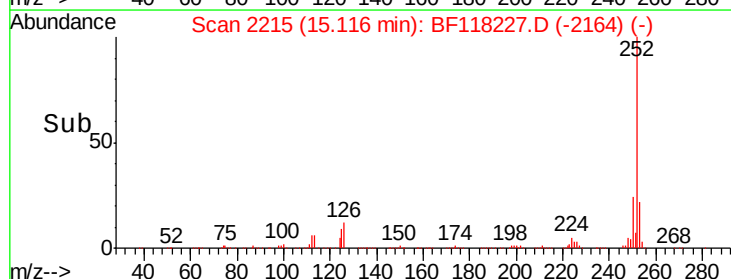
#88
Benzo(b)fluoranthene
Concen: 39.309 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

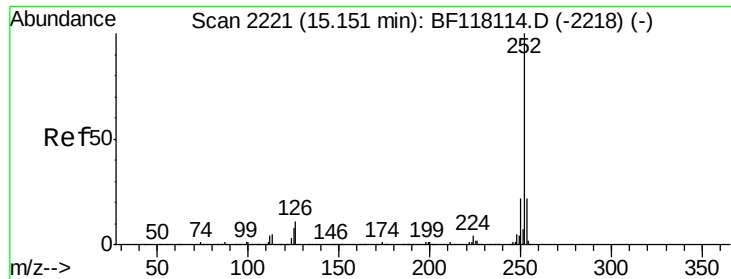
Tgt Ion:252 Resp: 874179

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	9.4	8.3	12.5



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

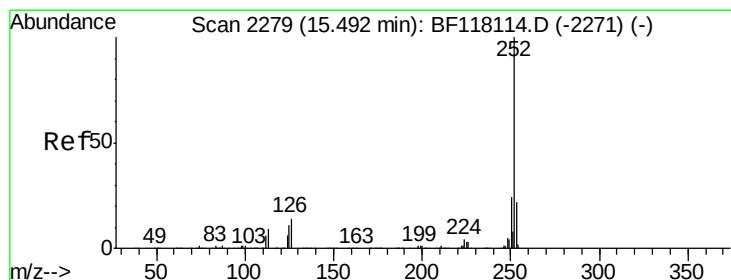
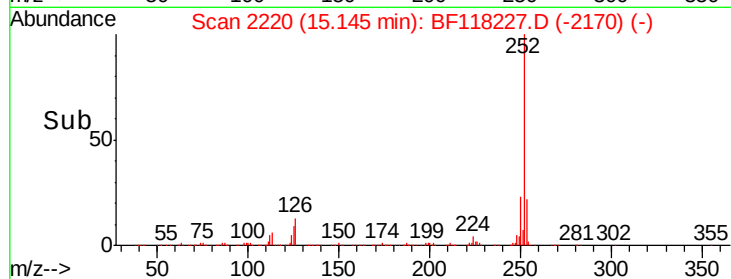
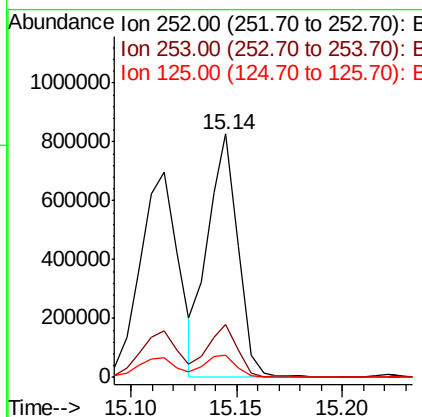
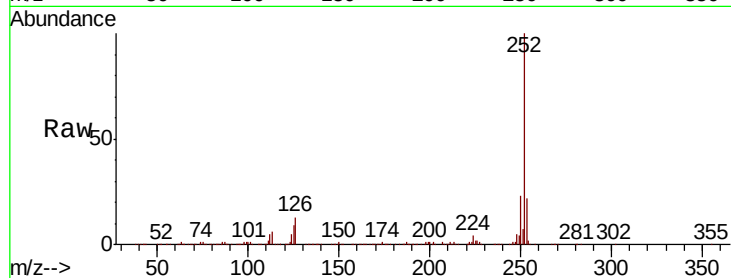




#89
Benzo(k)fluoranthene
Concen: 38.313 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

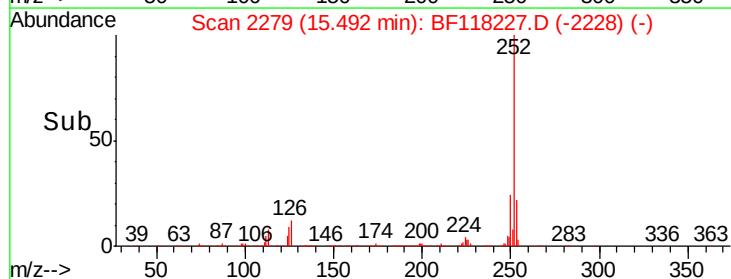
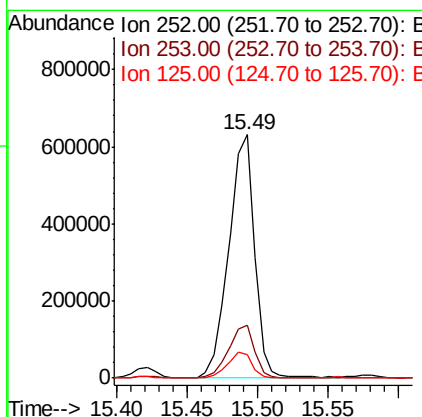
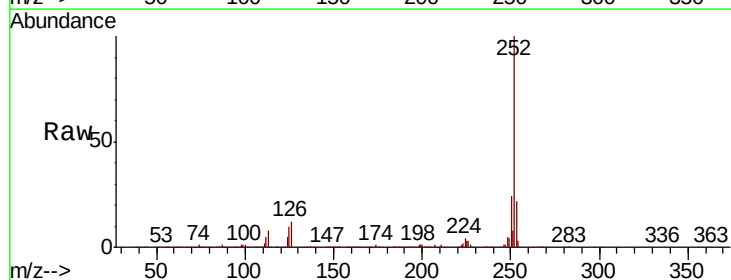
Instrument :
BNA_F
ClientSampled :

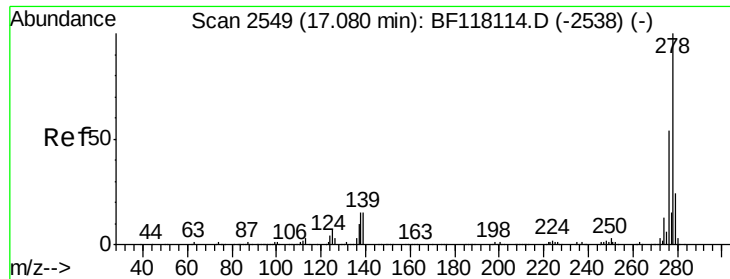
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	9.2	6.7	10.1



#90
Benzo(a)pyrene
Concen: 40.648 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.5	9.1	13.7

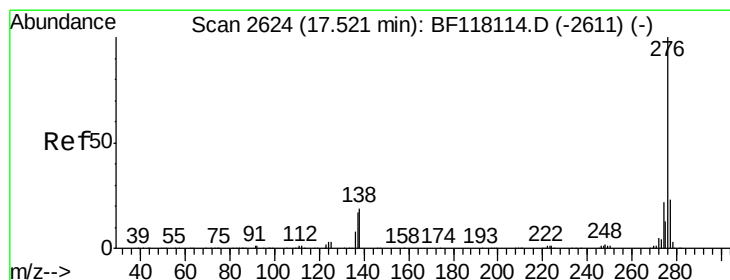
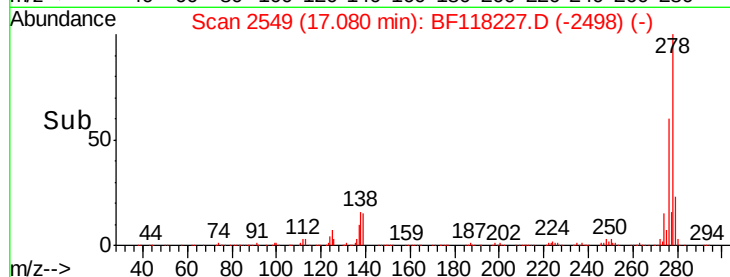
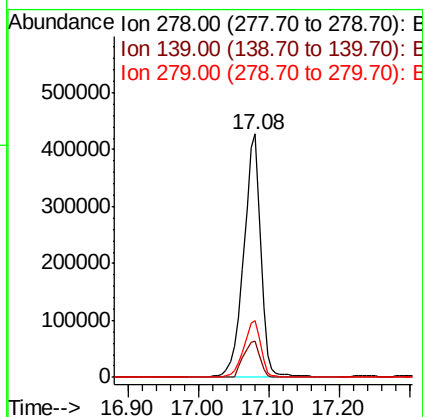
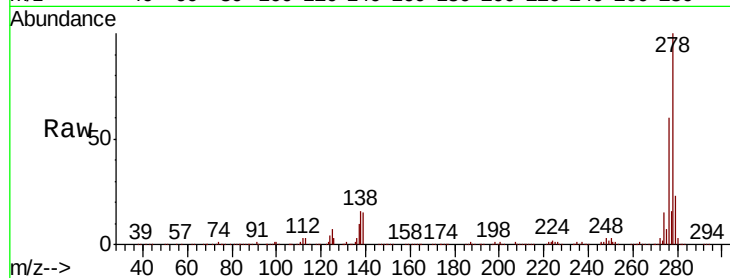




#91
Dibenzo(a,h)anthracene
Concen: 42.653 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.7	17.5
279	23.1	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 44.177 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.00 min
Lab File: BF118227.D
Acq: 17 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.2	27.4
138	20.5	15.5	23.3

