

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116183.D
 Acq On : 12 Aug 2019 11:18
 Operator : HP/JU
 Sample : PB122127BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Quant Time: Aug 12 15:01:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136210	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	570516	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	314151	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	554751	20.00	ng	0.00
76) Chrysene-d12	14.01	240	379328	20.00	ng	0.00
87) Perylene-d12	15.48	264	286027	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	927990	114.05	ng	0.00
7) Phenol-d6	6.48	99	1166583	113.64	ng	0.00
23) Nitrobenzene-d5	7.40	82	766614	77.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	347502	114.09	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1355593	80.83	ng	-0.01
79) Terphenyl-d14	12.94	244	1518520	84.35	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	165825	40.342	ng	99
3) Pyridine	3.45	79	368448	32.088	ng	98
4) n-Nitrosodimethylamine	3.39	42	168593	37.206	ng	97
6) Aniline	6.50	93	429387	29.207	ng	96
8) 2-Chlorophenol	6.63	128	395473	43.954	ng	100
9) Benzaldehyde	6.39	77	119112	16.816	ng	98
10) Phenol	6.49	94	498332	41.223	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	381159	42.886	ng	97
12) 1,3-Dichlorobenzene	6.77	146	417910	40.191	ng	99
13) 1,4-Dichlorobenzene	6.85	146	425630	40.881	ng	98
14) 1,2-Dichlorobenzene	7.00	146	390509	40.735	ng	98
15) Benzyl Alcohol	6.98	79	323845	41.569	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	496594	40.963	ng	95
17) 2-Methylphenol	7.10	107	333653	43.795	ng	96
18) Hexachloroethane	7.35	117	155377	40.534	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	270848	42.577	ng	99
20) 3+4-Methylphenols	7.25	107	405211	44.946	ng	94
22) Acetophenone	7.25	105	534785	42.741	ng	100
24) Nitrobenzene	7.42	77	442275	41.442	ng	97
25) Isophorone	7.66	82	805965	42.646	ng	99
26) 2-Nitrophenol	7.73	139	221247	43.980	ng	100
27) 2,4-Dimethylphenol	7.77	122	359586	47.511	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	497203	42.445	ng	100
29) 2,4-Dichlorophenol	7.98	162	349920	43.788	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	371653	40.799	ng	100
31) Naphthalene	8.14	128	1149209	42.805	ng	98
32) Benzoic acid	7.93	122	225642	42.287	ng	97
33) 4-Chloroaniline	8.19	127	364496	30.386	ng	99
34) Hexachlorobutadiene	8.25	225	208555	39.748	ng	99
35) Caprolactam	8.57	113	60028	23.225	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	369828	44.485	ng	98
37) 2-Methylnaphthalene	8.83	142	777569	43.977	ng	100
38) 1-Methylnaphthalene	8.93	142	724644	43.321	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	358826	42.725	ng	99

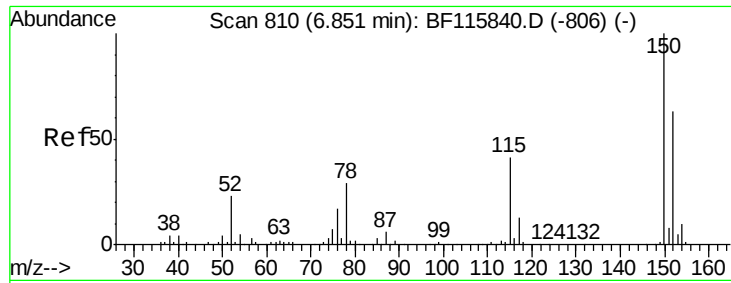
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	143919	41.268	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	232910	40.290	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	246499	41.251	ng	98
46) 1,1'-Biphenyl	9.29	154	945638	42.637	ng	99
47) 2-Chloronaphthalene	9.32	162	745545	40.388	ng	99
48) 2-Nitroaniline	9.42	65	238016	39.009	ng	97
49) Acenaphthylene	9.73	152	1124534	41.757	ng	99
50) Dimethylphthalate	9.59	163	893198	41.757	ng	99
51) 2,6-Dinitrotoluene	9.66	165	196465	42.265	ng	96
52) Acenaphthene	9.90	154	678960	41.095	ng	100
53) 3-Nitroaniline	9.83	138	162779	28.340	ng	98
54) 2,4-Dinitrophenol	9.95	184	164080	70.435	ng	99
55) Dibenzofuran	10.08	168	971042	40.415	ng	100
56) 4-Nitrophenol	10.01	139	264004	71.751	ng	99
57) 2,4-Dinitrotoluene	10.07	165	248731	40.189	ng	97
58) Fluorene	10.42	166	794853	42.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	207662	41.306	ng	97
60) Diethylphthalate	10.30	149	868508	43.490	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	396990	42.404	ng	99
62) 4-Nitroaniline	10.46	138	213948	36.043	ng	95
63) Azobenzene	10.57	77	883720	43.023	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	125200	42.588	ng	87
66) n-Nitrosodiphenylamine	10.53	169	715860	42.872	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	246331	41.480	ng	97
68) Hexachlorobenzene	10.97	284	273635	39.848	ng	96
69) Atrazine	11.06	200	221672	40.354	ng	99
70) Pentachlorophenol	11.17	266	257543	77.249	ng	98
71) Phenanthrene	11.39	178	1168703	41.209	ng	99
72) Anthracene	11.44	178	1204260	41.958	ng	99
73) Carbazole	11.59	167	1097413	42.144	ng	100
74) Di-n-butylphthalate	11.92	149	1356267	44.649	ng	98
75) Fluoranthene	12.57	202	1228197	41.367	ng	98
77) Benzidine	12.69	184	368471	28.752	ng	98
78) Pyrene	12.80	202	1254492	43.872	ng	99
80) Butylbenzylphthalate	13.41	149	565264	46.733	ng	96
81) Benzo(a)anthracene	14.00	228	1024779	42.267	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	315940	37.508	ng	99
83) Chrysene	14.03	228	998275	42.410	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	763664	48.585	ng	98
85) Di-n-octyl phthalate	14.59	149	1205926	48.303	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	789724	39.946	ng	99
88) Benzo(b)fluoranthene	15.06	252	873838	52.837	ng	100
89) Benzo(k)fluoranthene	15.09	252	845226	52.470	ng	99
90) Benzo(a)pyrene	15.42	252	803635	54.358	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	668050	52.203	ng	99
92) Benzo(g,h,i)perylene	17.40	276	665981	52.990	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

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PB122127BS

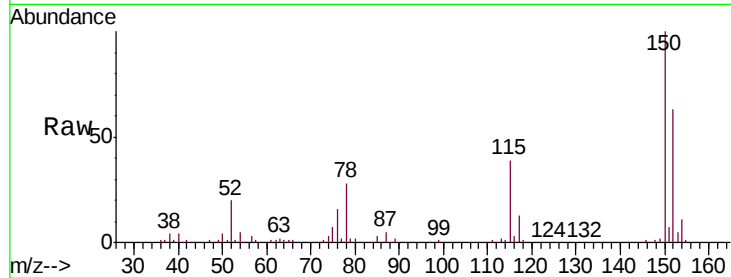
Tgt Ion: 152 Resp: 136210

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

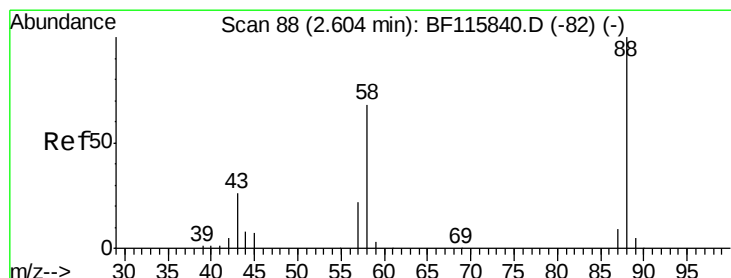
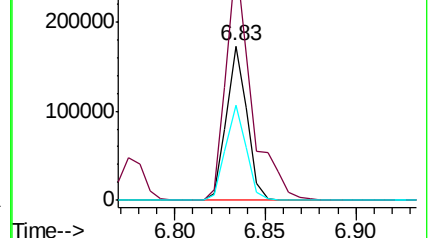
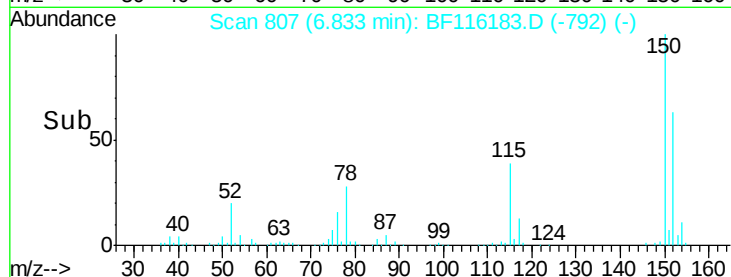
115 61.4 49.9 74.9



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: 40.342 ng

RT: 2.69 min Scan# 103

Delta R.T. 0.08 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

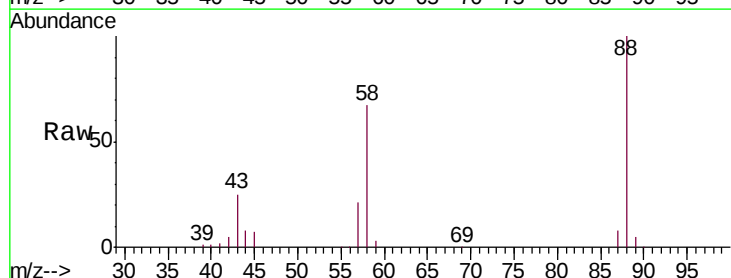
Tgt Ion: 88 Resp: 165825

Ion Ratio Lower Upper

88 100

58 67.1 53.7 80.5

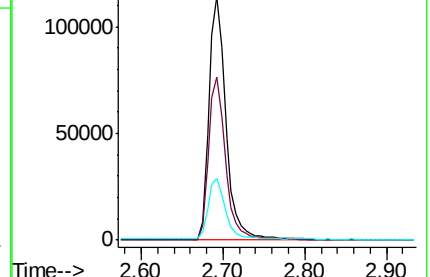
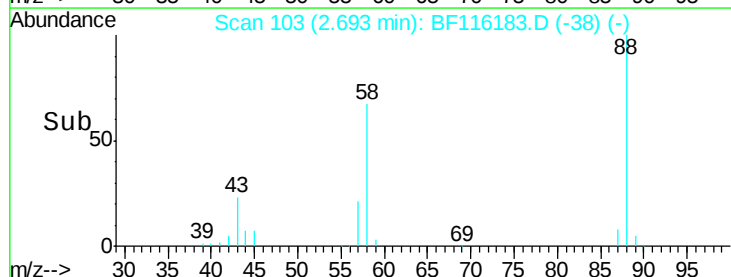
43 25.1 21.0 31.4

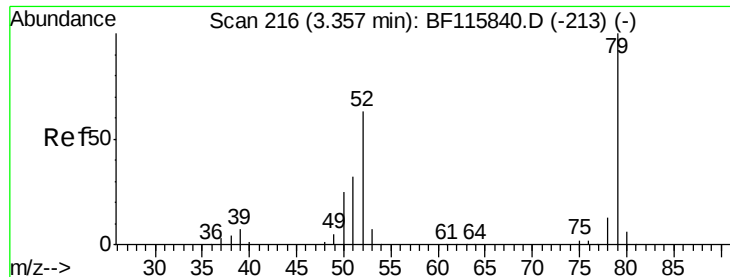


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

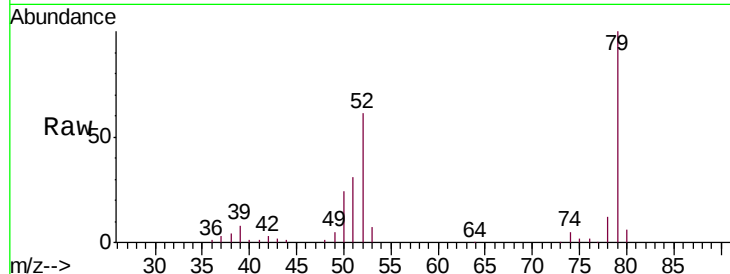




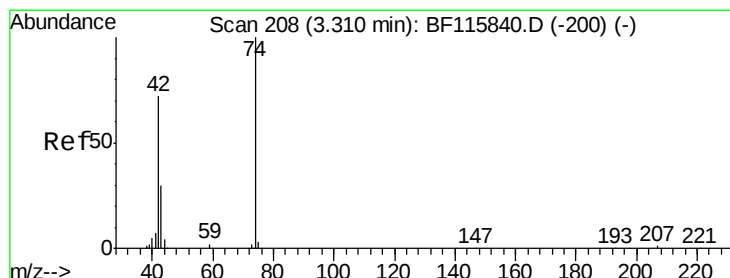
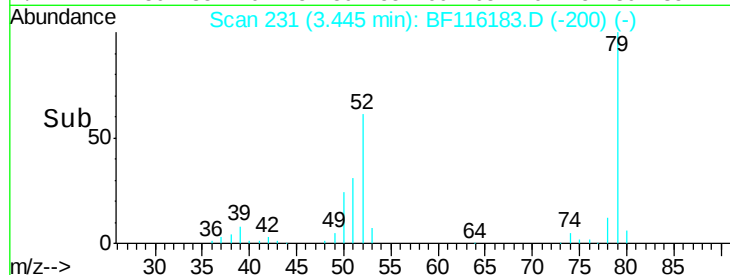
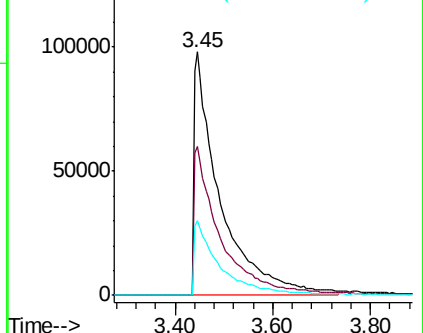
#3
 Pyridine
 Concen: 32.088 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tgt Ion: 79 Resp: 368448
 Ion Ratio Lower Upper
 79 100
 52 61.0 49.8 74.8
 51 30.6 25.2 37.8

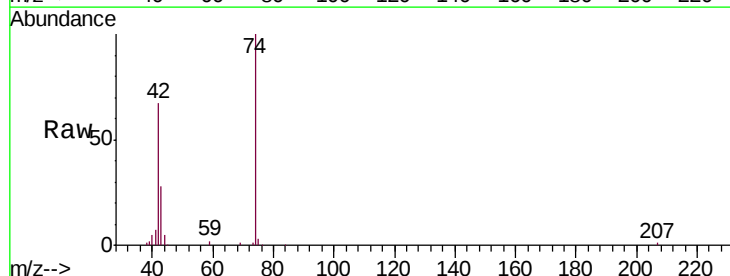


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

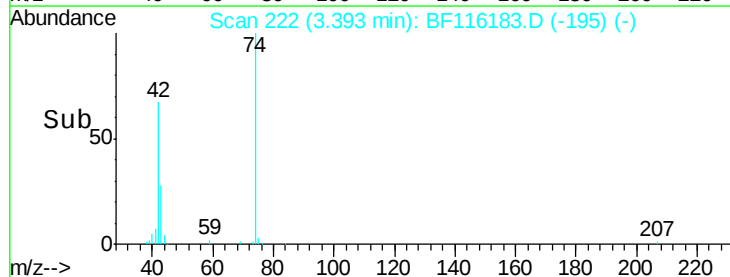
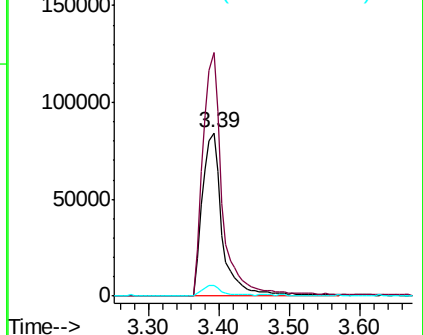


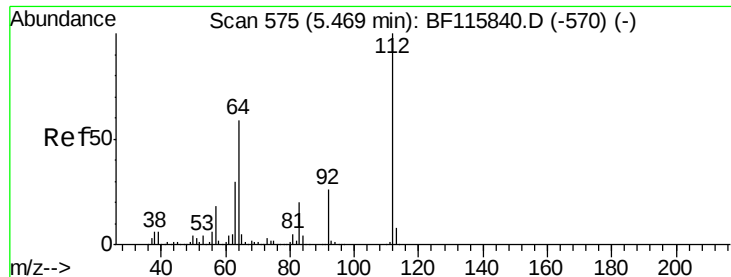
#4
 n-Nitrosodimethylamine
 Concen: 37.206 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.06 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion: 42 Resp: 168593
 Ion Ratio Lower Upper
 42 100
 74 149.0 116.0 174.0
 44 6.7 4.6 7.0



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: 114.053 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

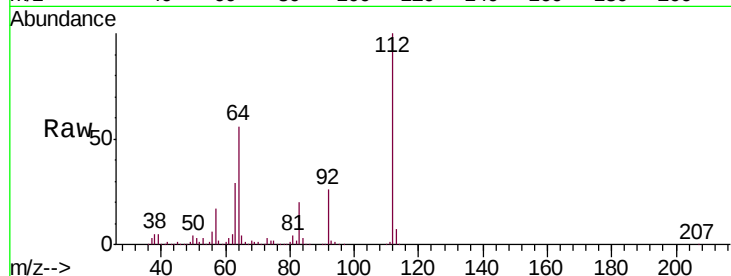
Tgt Ion:112 Resp: 927990

Ion Ratio Lower Upper

112 100

64 56.1 45.4 68.2

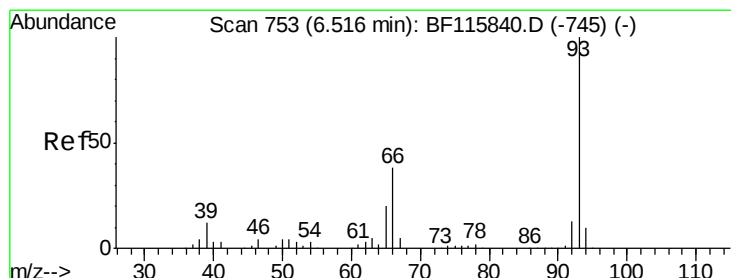
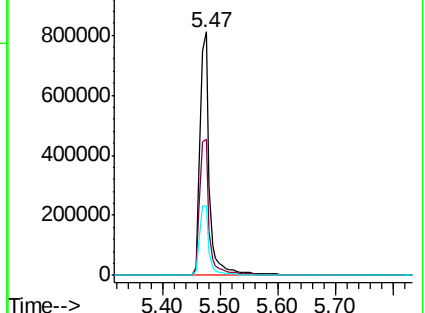
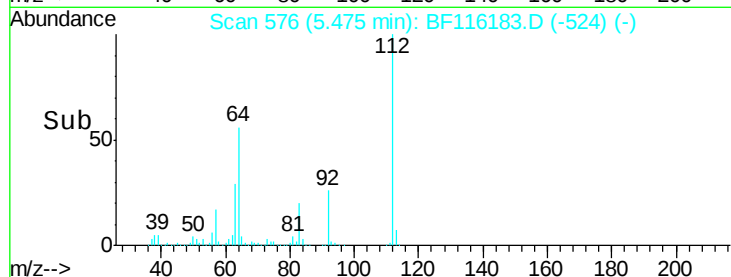
63 28.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.207 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

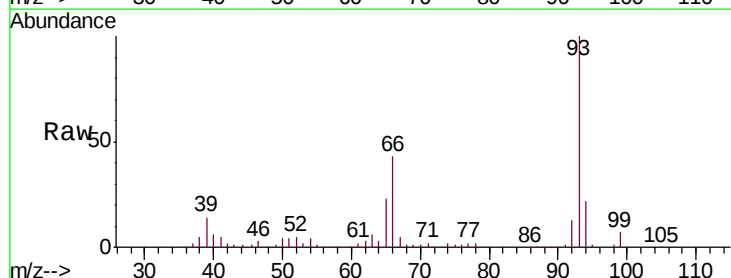
Tgt Ion: 93 Resp: 429387

Ion Ratio Lower Upper

93 100

66 42.8 32.2 48.4

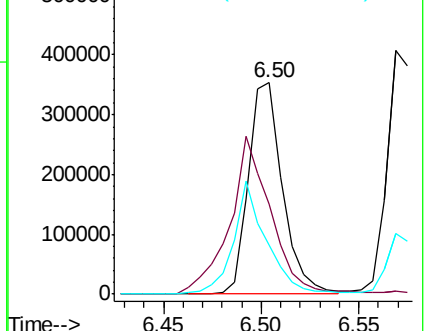
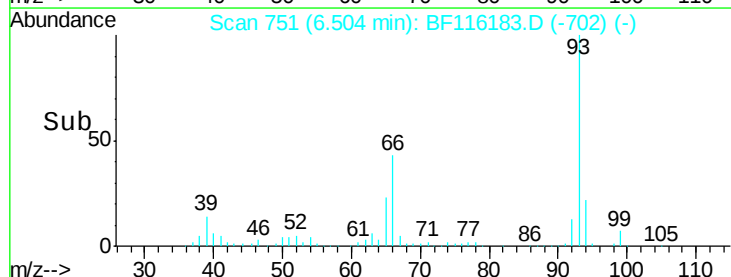
65 23.0 17.0 25.6



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: 113.640 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

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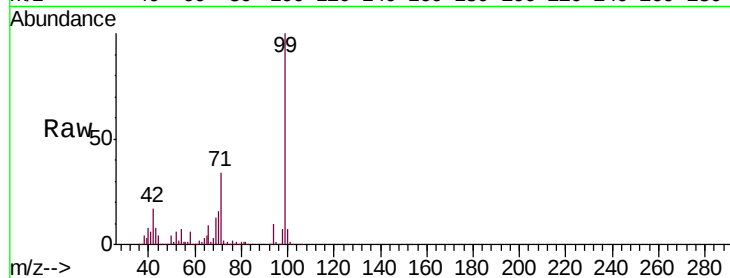
Tgt Ion: 99 Resp: 1166583

Ion Ratio Lower Upper

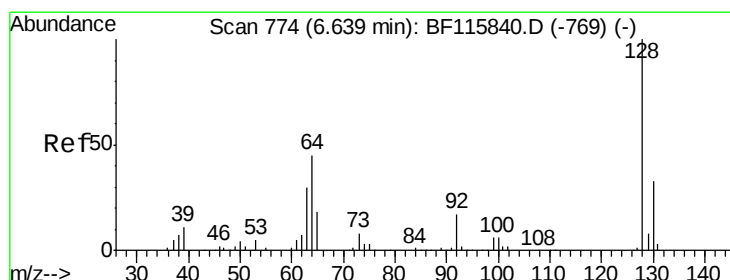
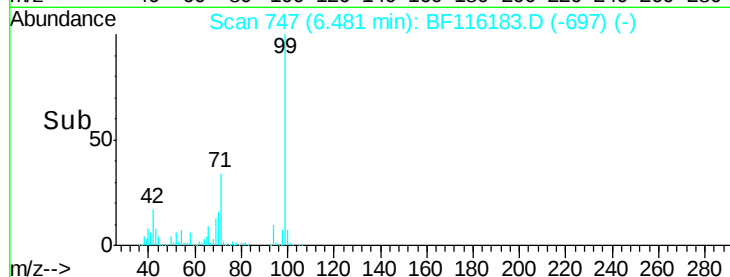
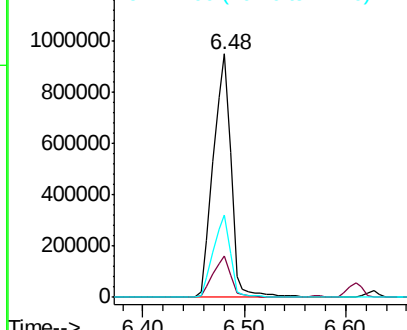
99 100

42 16.9 13.8 20.8

71 34.0 27.3 40.9



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: 43.954 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

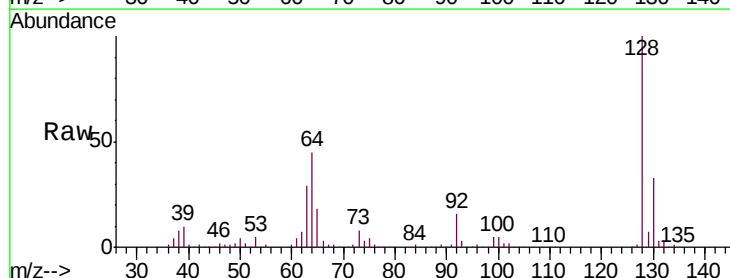
Tgt Ion: 128 Resp: 395473

Ion Ratio Lower Upper

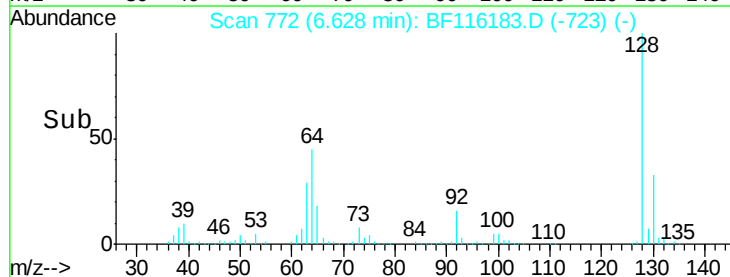
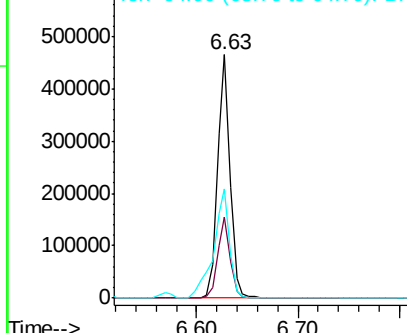
128 100

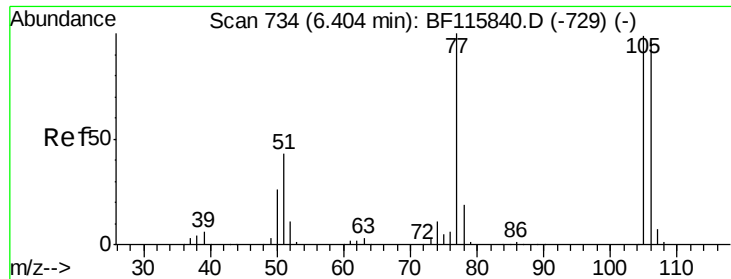
130 33.1 12.9 52.9

64 44.6 24.3 64.3



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

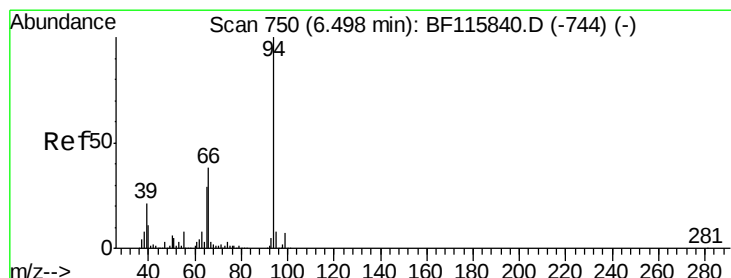
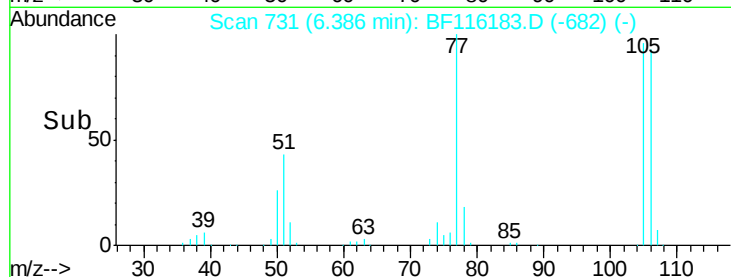
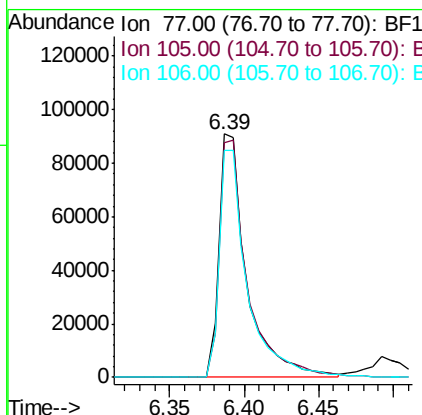
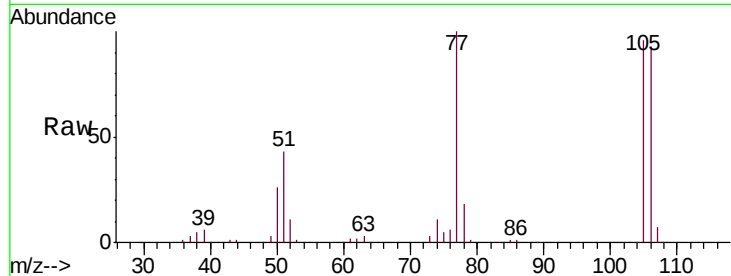




#9
Benzaldehyde
Concen: 16.816 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

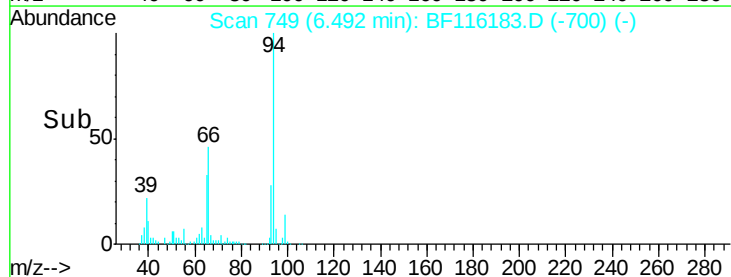
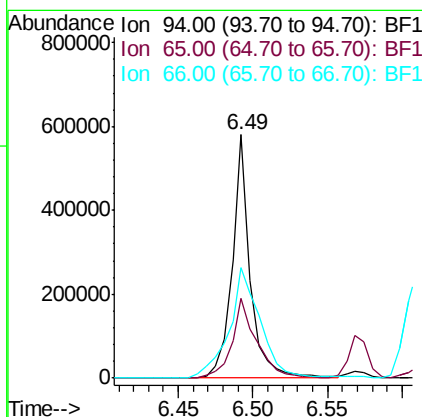
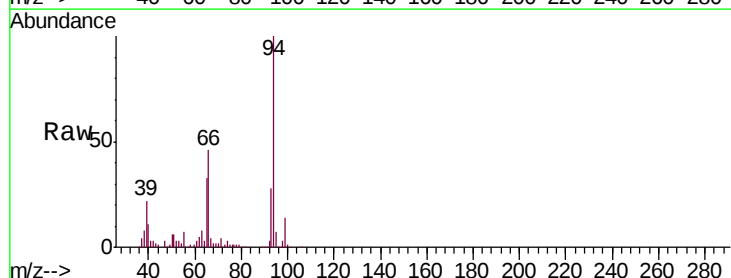
Instrument :
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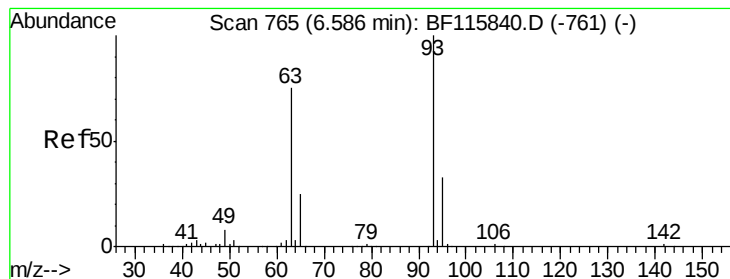
Tgt Ion: 77 Resp: 119112
Ion Ratio Lower Upper
77 100
105 96.3 79.2 119.2
106 93.1 74.3 114.3



#10
Phenol
Concen: 41.223 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion: 94 Resp: 498332
Ion Ratio Lower Upper
94 100
65 32.6 16.8 56.8
66 45.6 34.2 74.2





#11

bis(2-Chloroethyl)ether

Concen: 42.886 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

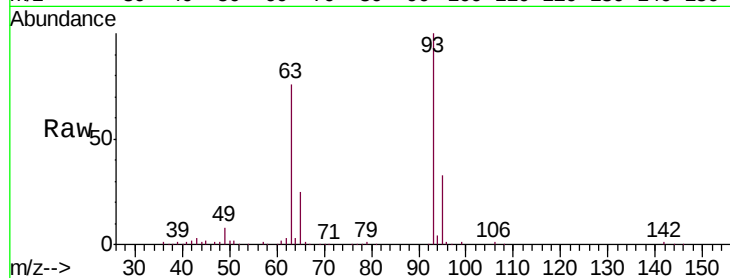
Tgt Ion: 93 Resp: 381159

Ion Ratio Lower Upper

93 100

63 75.7 51.9 91.9

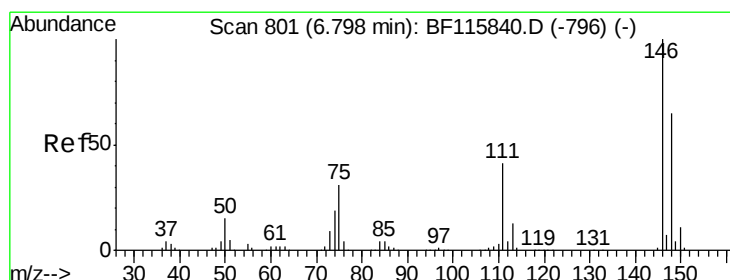
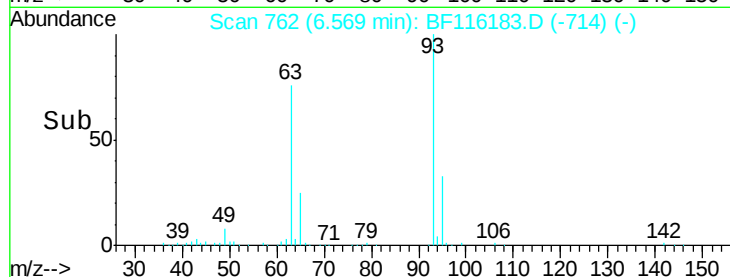
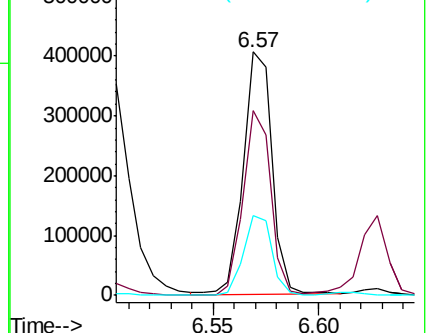
95 32.7 13.0 53.0



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: 40.191 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

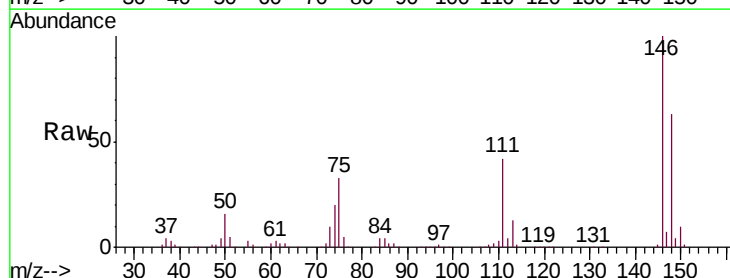
Tgt Ion: 146 Resp: 417910

Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

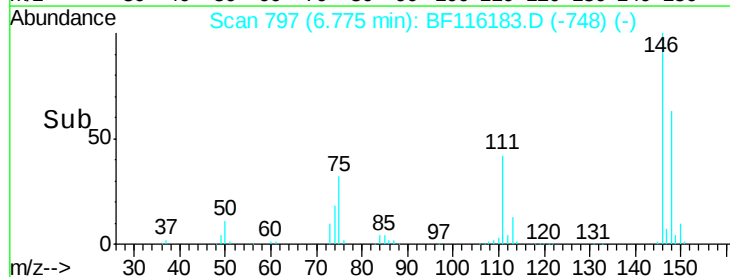
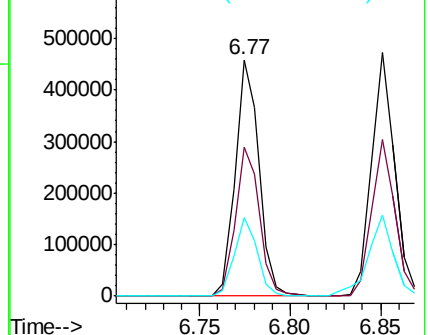
75 33.2 27.4 41.2

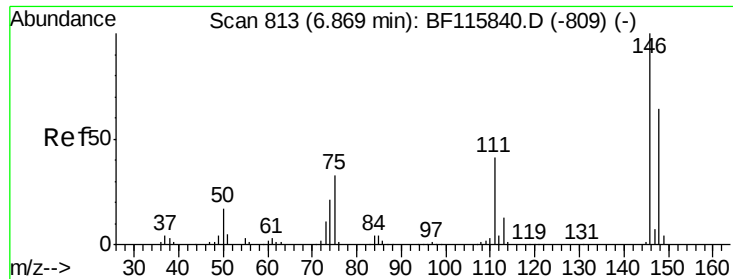


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

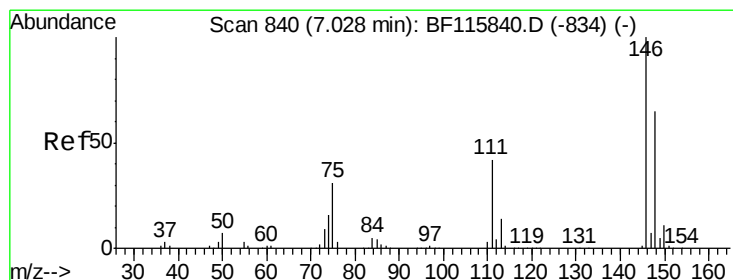
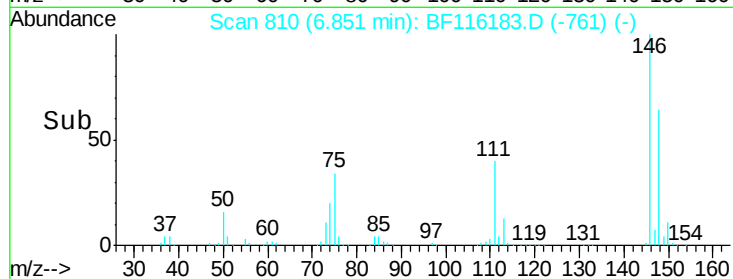
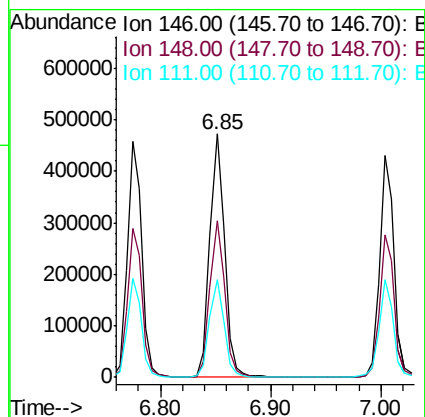
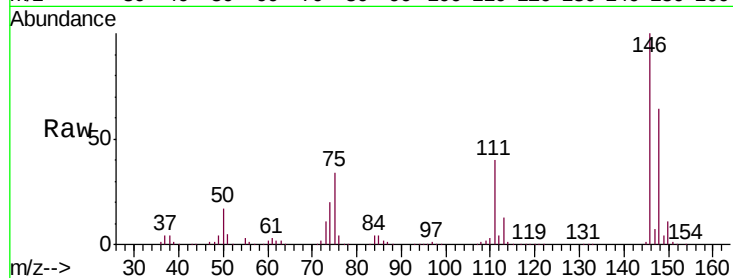




#13
 1,4-Dichlorobenzene
 Concen: 40.881 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

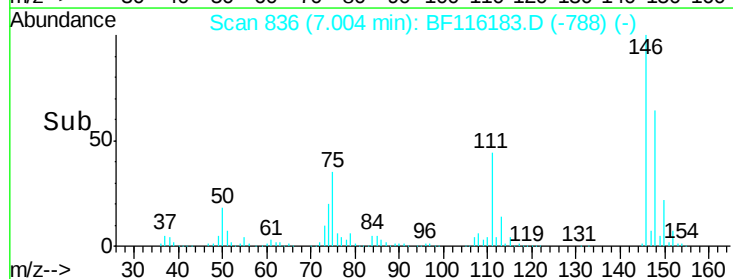
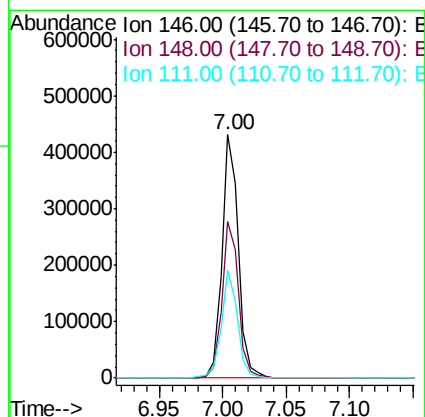
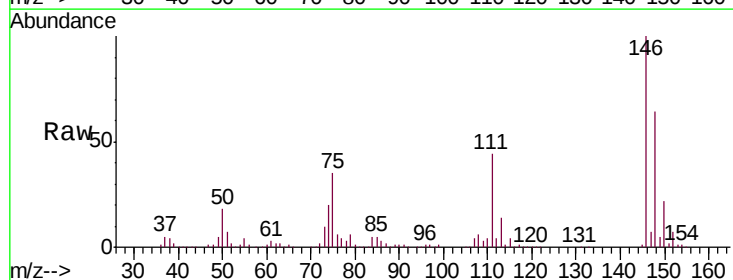
Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tgt Ion:146 Resp: 425630
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.3 76.9
 111 40.3 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 40.735 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion:146 Resp: 390509
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.2 76.8
 111 44.2 33.5 50.3





#15

Benzyl Alcohol

Concen: 41.569 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

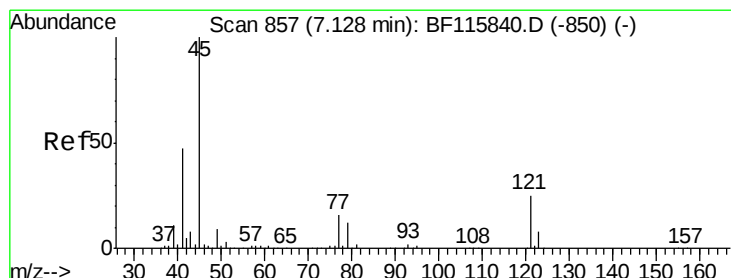
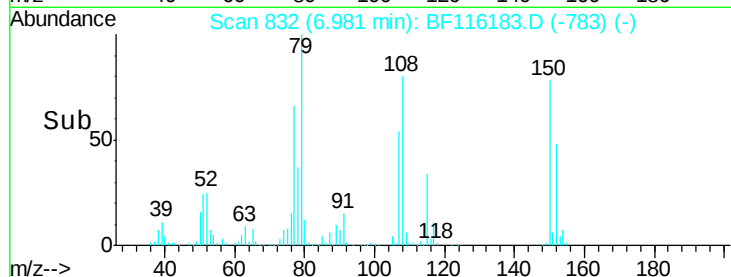
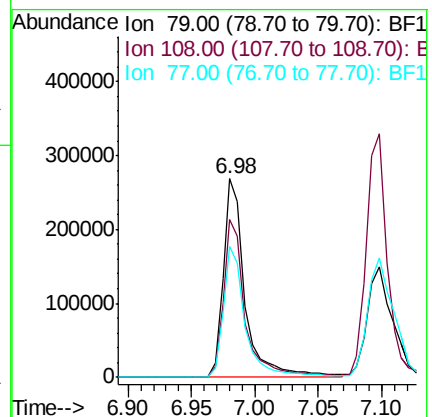
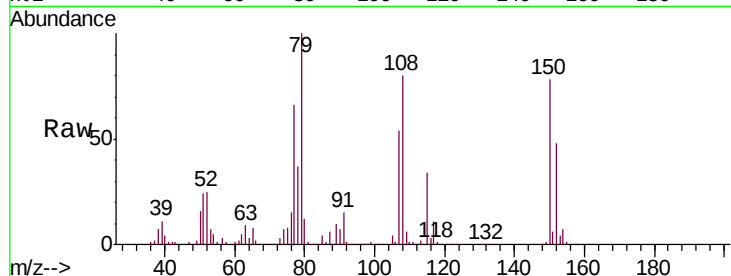
Tgt Ion: 79 Resp: 323845

Ion Ratio Lower Upper

79 100

108 79.8 62.7 94.1

77 66.1 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.963 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

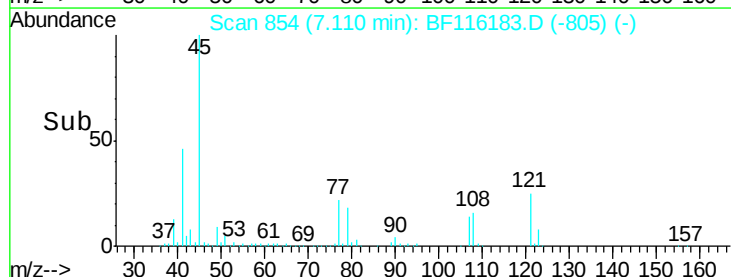
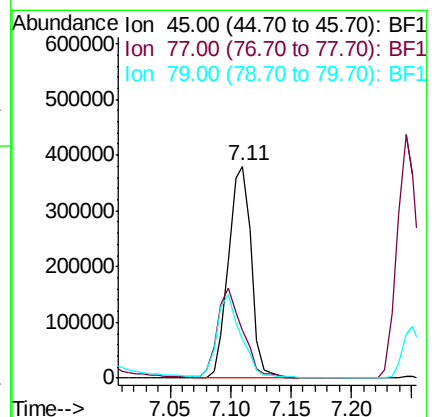
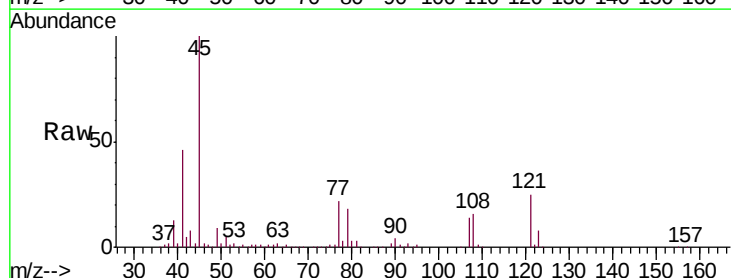
Tgt Ion: 45 Resp: 496594

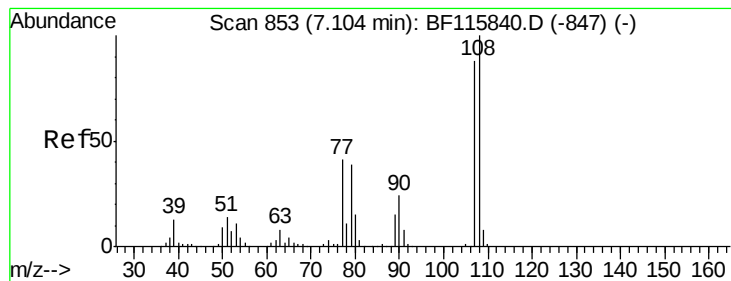
Ion Ratio Lower Upper

45 100

77 22.2 0.0 40.0

79 18.2 0.0 35.9





#17

2-Methylphenol

Concen: 43.795 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

Tgt Ion:107 Resp: 333653

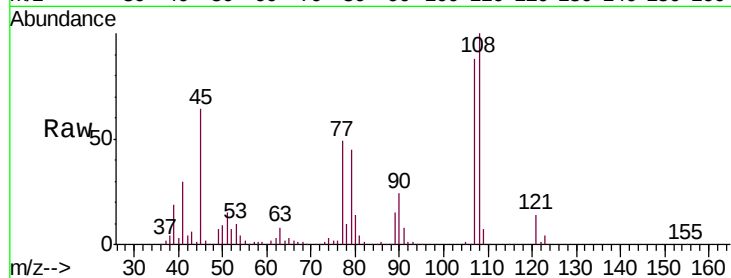
Ion Ratio Lower Upper

107 100

108 113.3 91.2 136.8

77 55.9 40.3 60.5

79 51.4 37.6 56.4

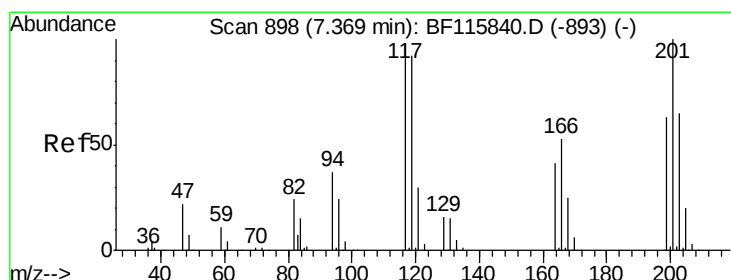
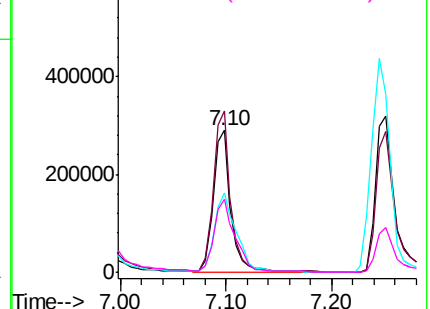
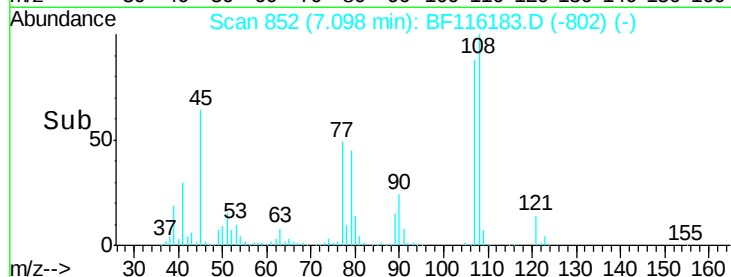


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.534 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

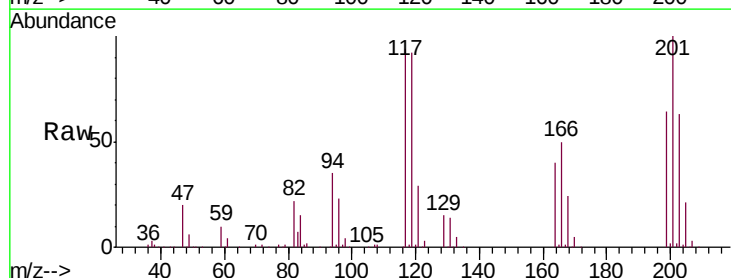
Tgt Ion:117 Resp: 155377

Ion Ratio Lower Upper

117 100

119 98.8 76.1 114.1

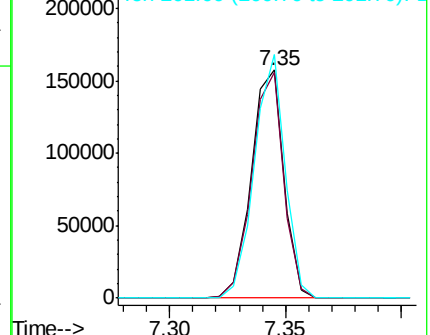
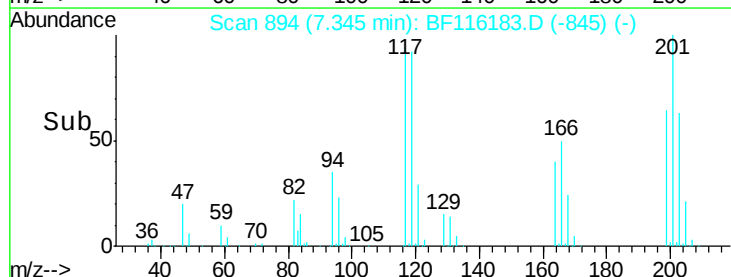
201 106.9 77.0 115.4

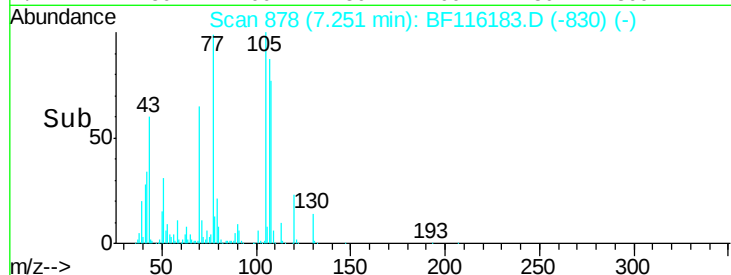
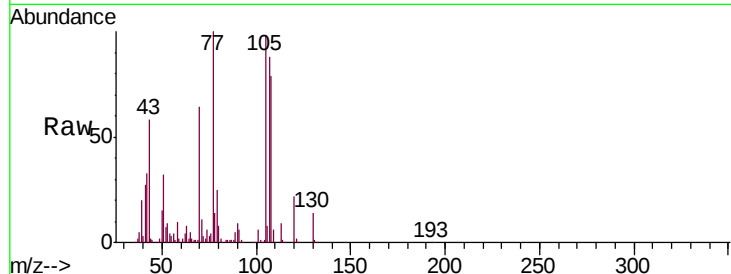


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

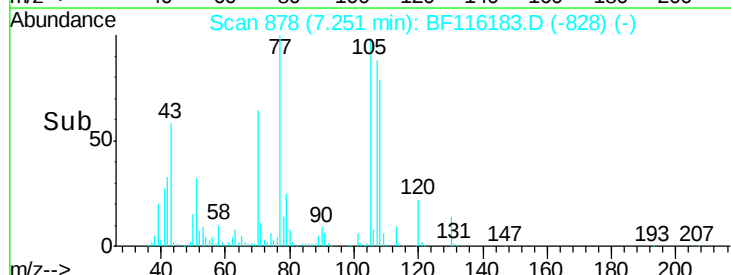
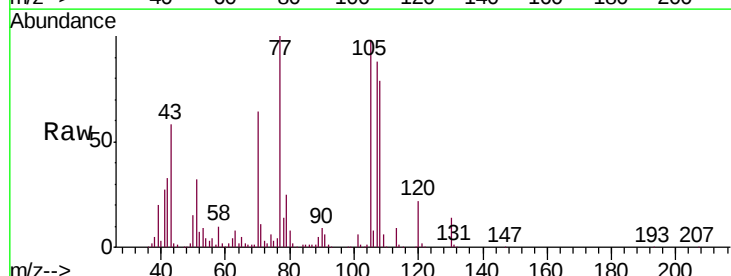
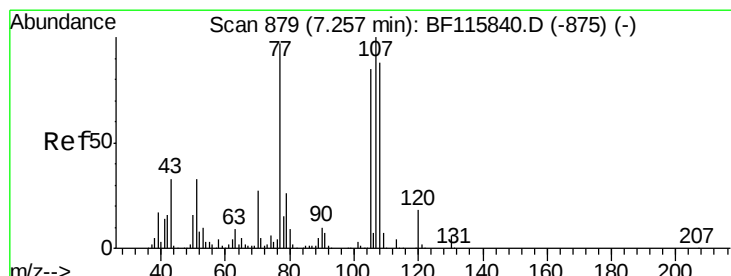
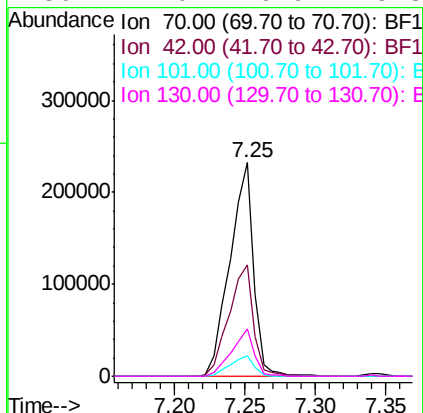




#19
n-Nitroso-di-n-propylamine
Concen: 42.577 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

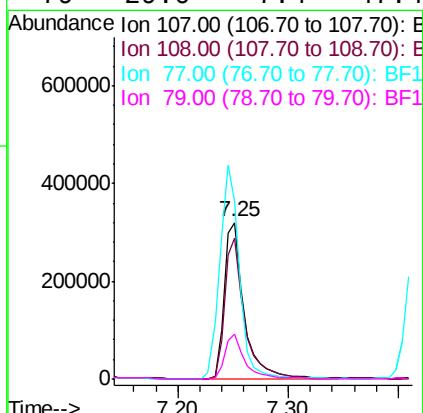
Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tgt Ion:	70	Resp:	270848
Ion	Ratio	Lower	Upper
70	100		
42	52.1	40.9	61.3
101	9.8	7.9	11.9
130	22.0	16.9	25.3



#20
3+4-Methylphenols
Concen: 44.946 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion:	107	Resp:	405211
Ion	Ratio	Lower	Upper
107	100		
108	90.4	67.6	107.6
77	113.9	104.4	144.4
79	29.0	7.4	47.4

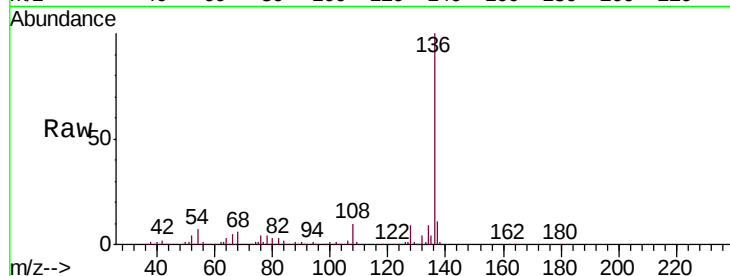




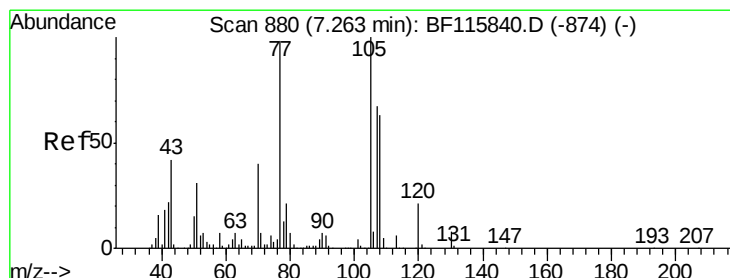
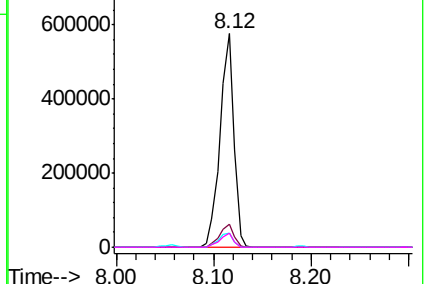
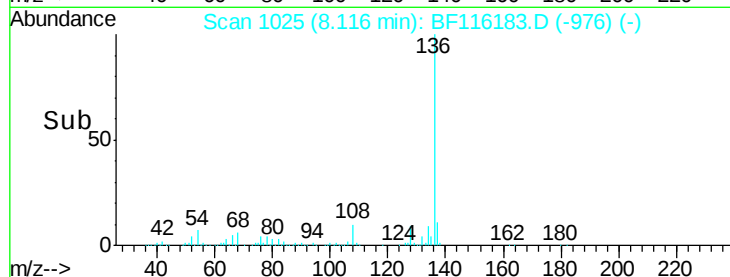
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tgt Ion:	136	Resp:	570516
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.8	5.8	8.6
68	6.4	5.2	7.8

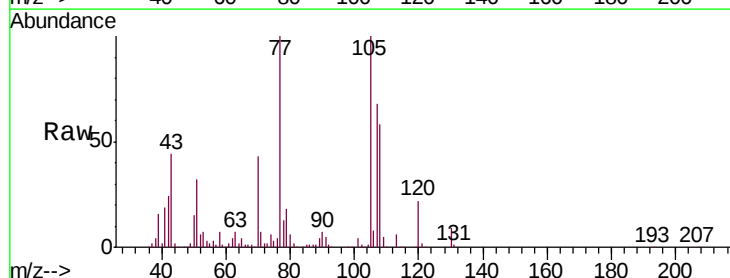


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

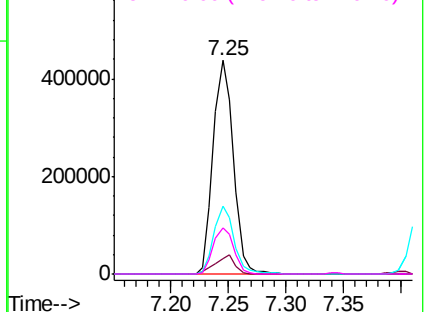
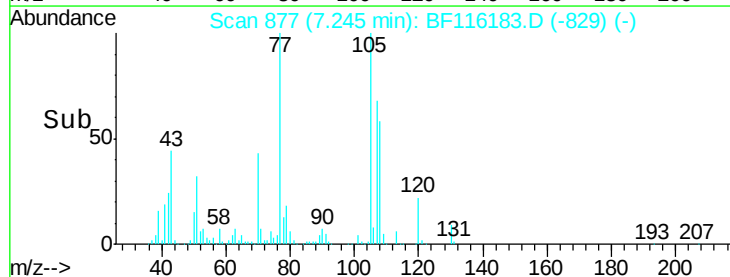


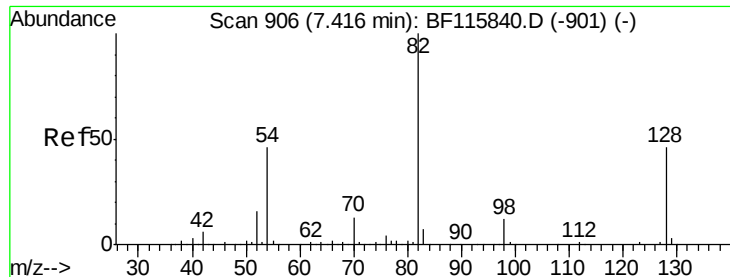
#22
Acetophenone
Concen: 42.741 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion:	105	Resp:	534785
Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.9	8.9
51	31.6	25.3	37.9
120	21.9	17.9	26.9



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

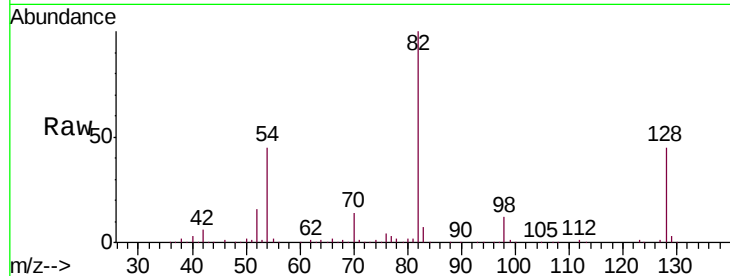




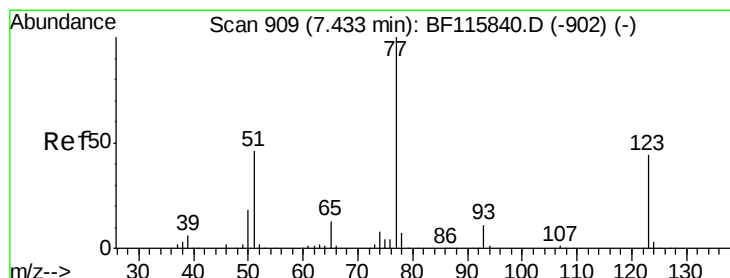
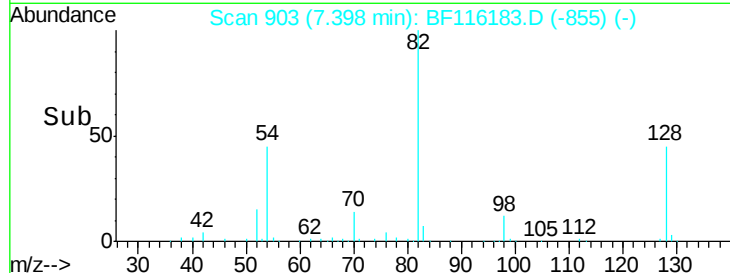
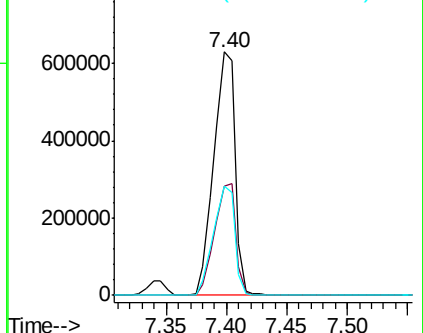
#23
 Nitrobenzene-d5
 Concen: 77.564 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tgt Ion: 82 Resp: 766614
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.5 54.7
 54 45.1 36.0 54.0

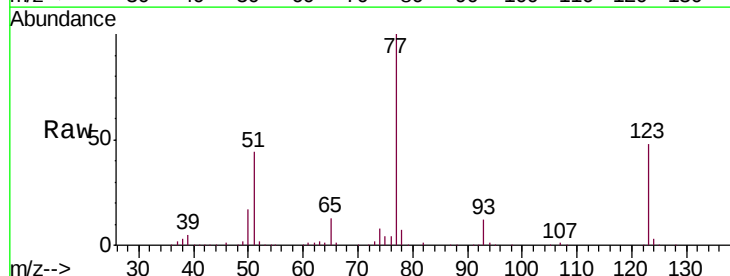


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

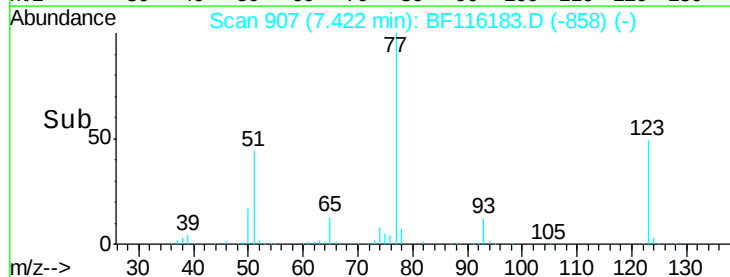
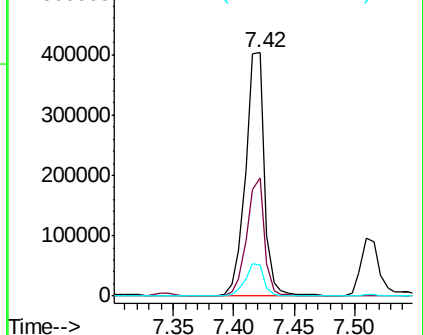


#24
 Nitrobenzene
 Concen: 41.442 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion: 77 Resp: 442275
 Ion Ratio Lower Upper
 77 100
 123 48.4 36.7 55.1
 65 13.0 10.6 16.0



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: 42.646 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

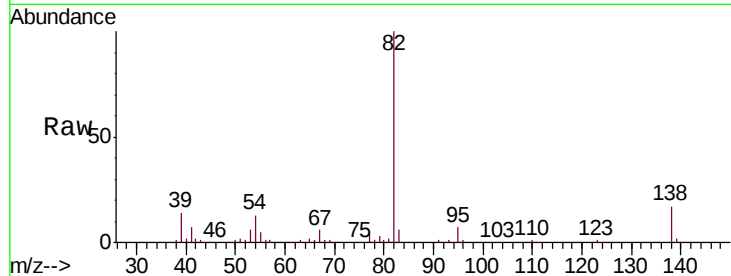
Tgt Ion: 82 Resp: 805965

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

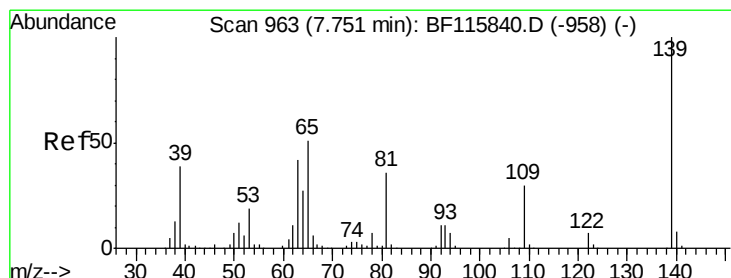
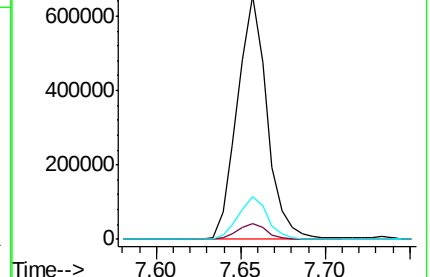
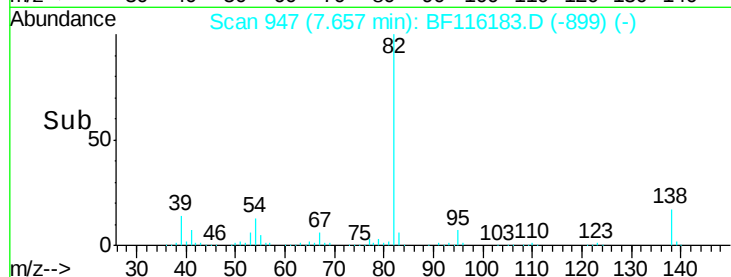
138 17.4 14.5 21.7



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: 43.980 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

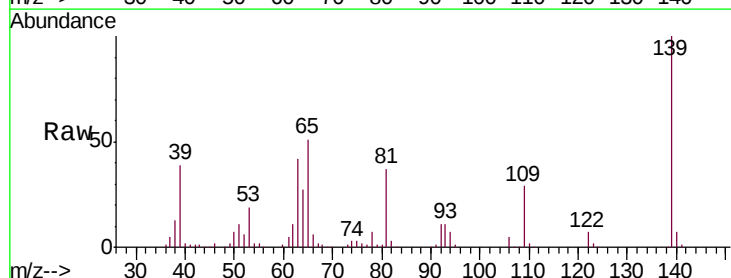
Tgt Ion: 139 Resp: 221247

Ion Ratio Lower Upper

139 100

109 28.9 23.4 35.2

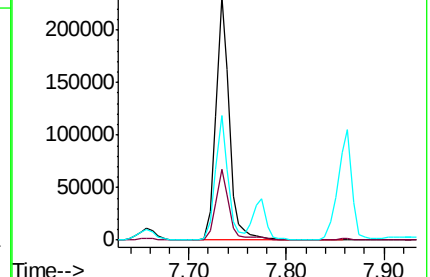
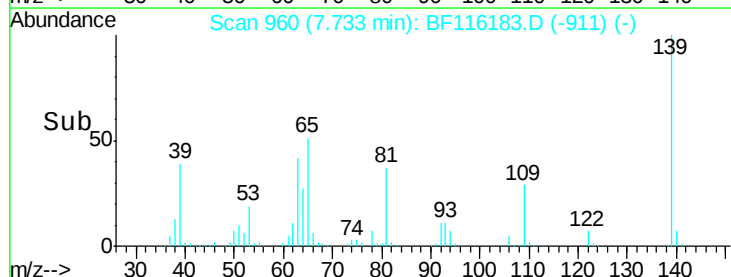
65 51.4 41.1 61.7

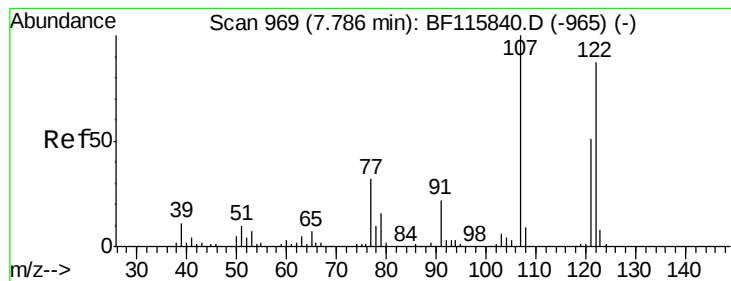


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.511 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

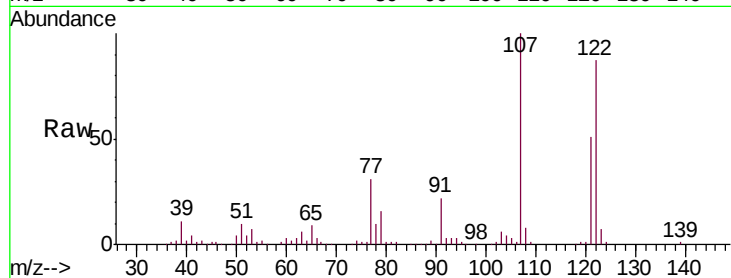
Tgt Ion:122 Resp: 359586

Ion Ratio Lower Upper

122 100

107 114.3 93.0 139.6

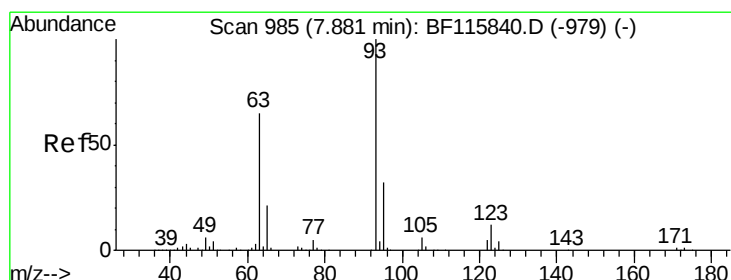
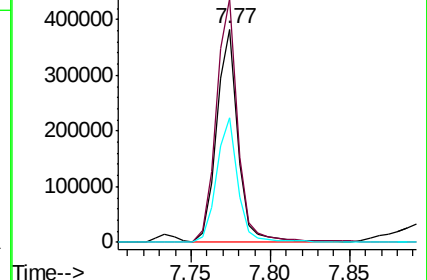
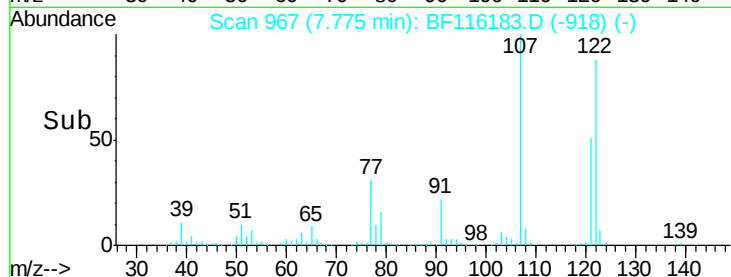
121 58.6 47.6 71.4



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: 42.445 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

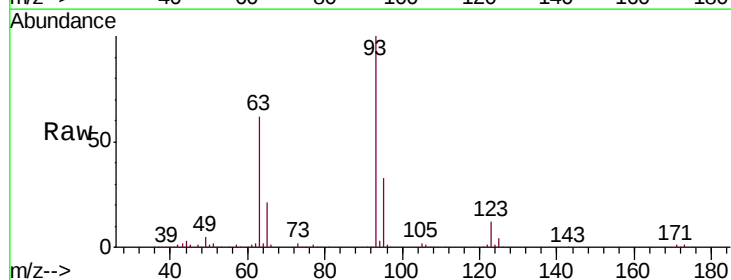
Tgt Ion: 93 Resp: 497203

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

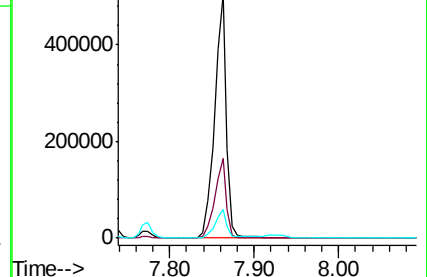
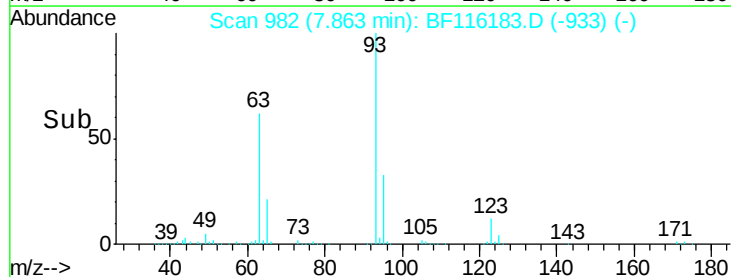
123 11.8 9.2 13.8



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

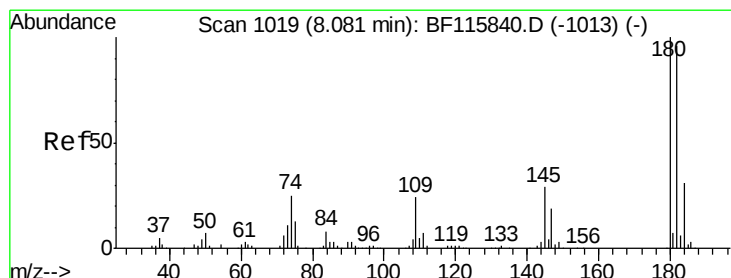
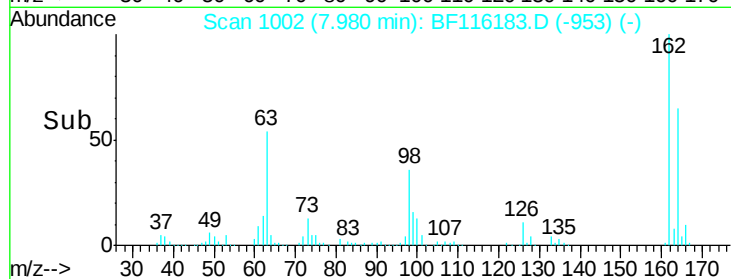
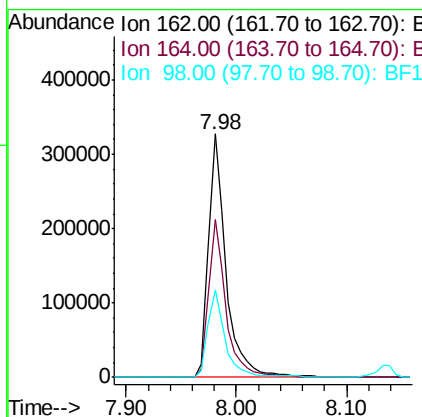
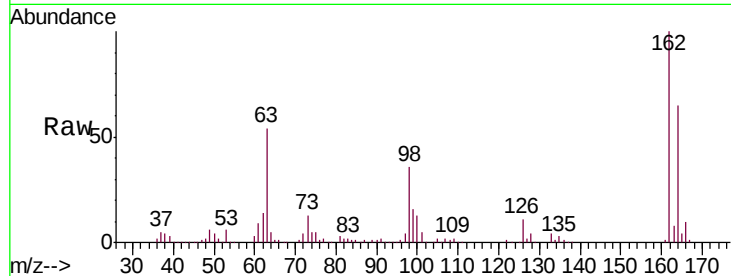




#29
 2,4-Dichlorophenol
 Concen: 43.788 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

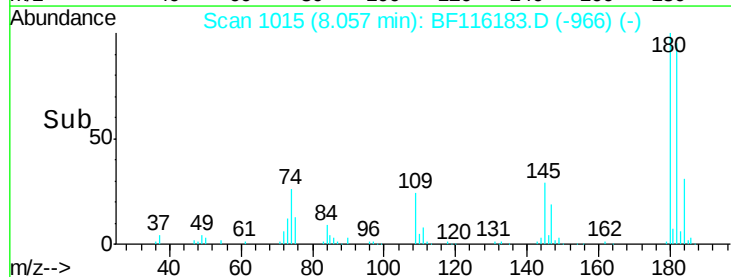
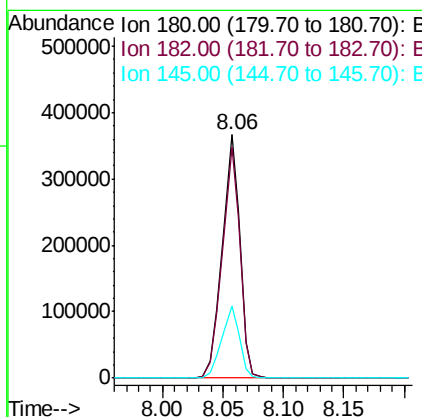
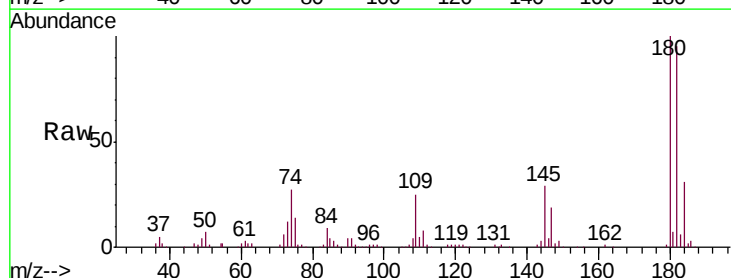
Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

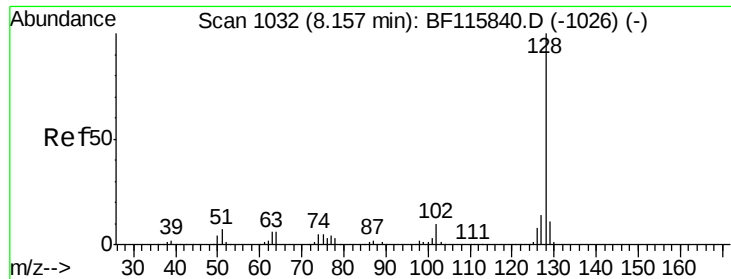
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.1	85.1
98	35.9	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.799 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.7	113.5
145	29.4	24.3	36.5

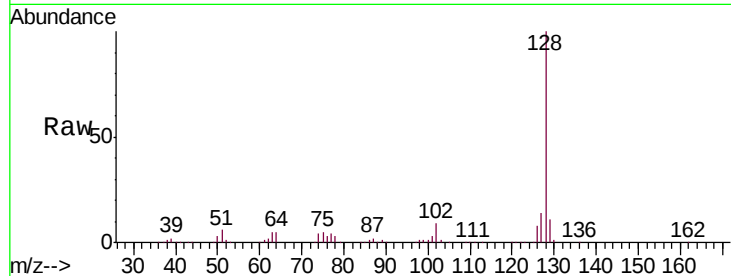




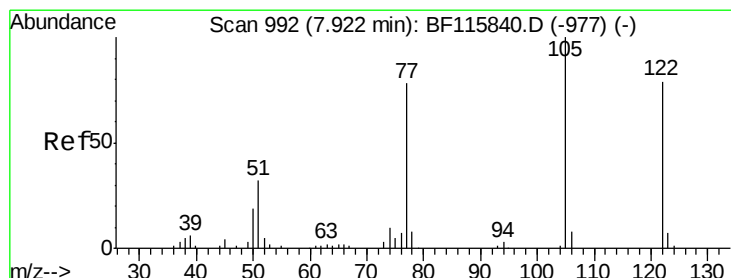
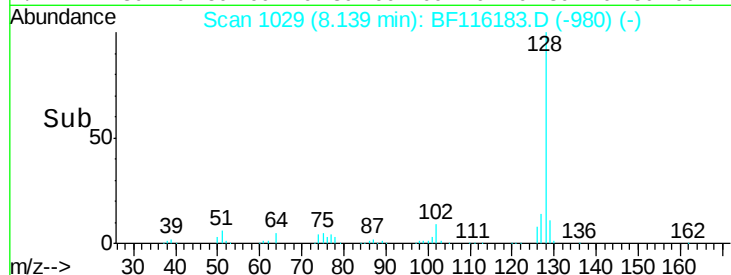
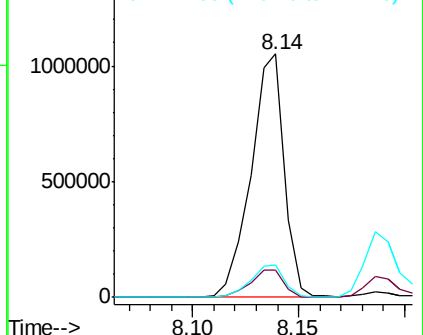
#31
Naphthalene
Concen: 42.805 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampled :
PB122127BS

Tgt Ion:128 Resp: 1149209
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.5 11.4 17.0

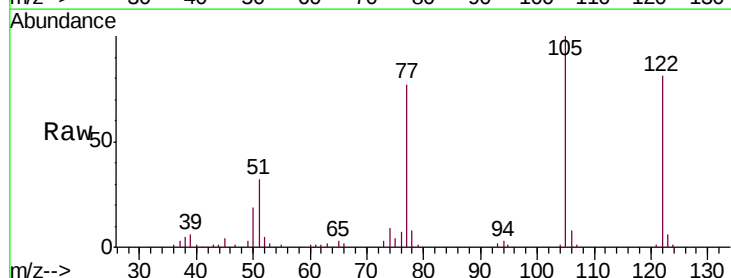


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

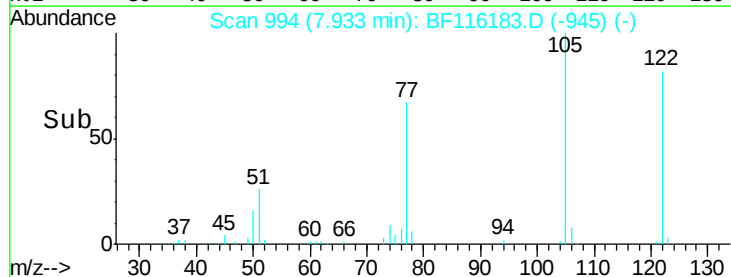
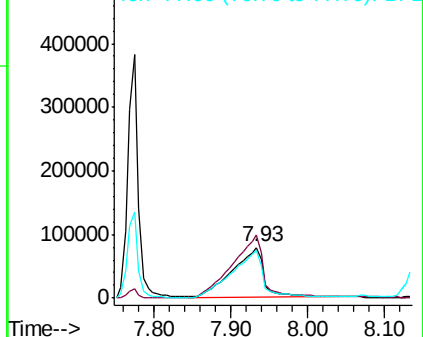


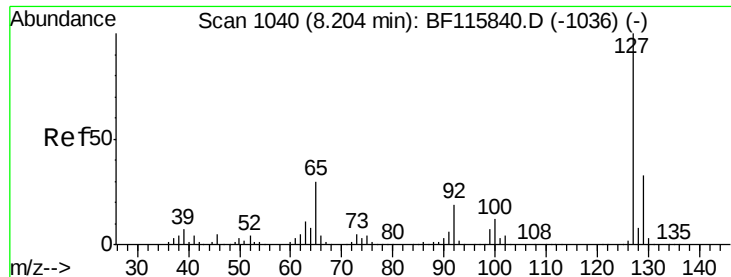
#32
Benzoic acid
Concen: 42.287 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion:122 Resp: 225642
Ion Ratio Lower Upper
122 100
105 123.2 106.1 146.1
77 94.3 76.7 116.7



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

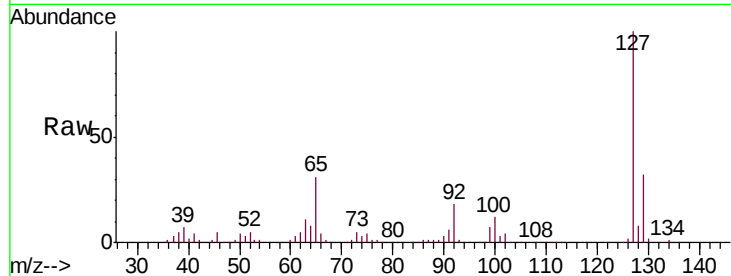




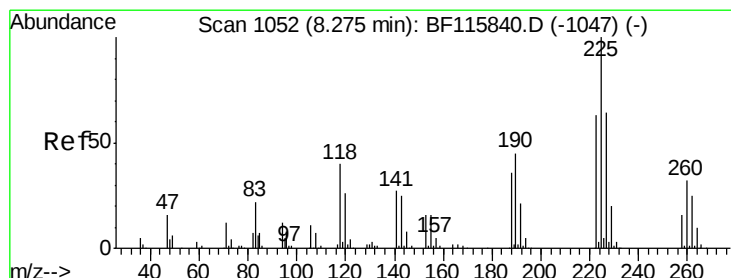
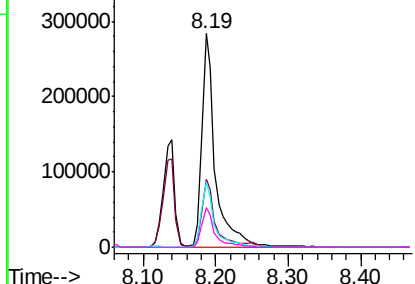
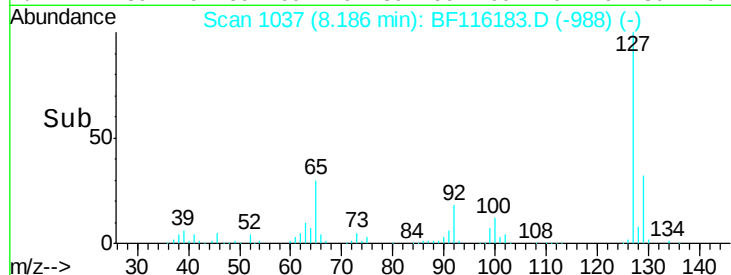
#33
 4-Chloroaniline
 Concen: 30.386 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tgt Ion:	127	Resp:	364496
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	30.6	24.9	37.3
92	18.5	15.7	23.5

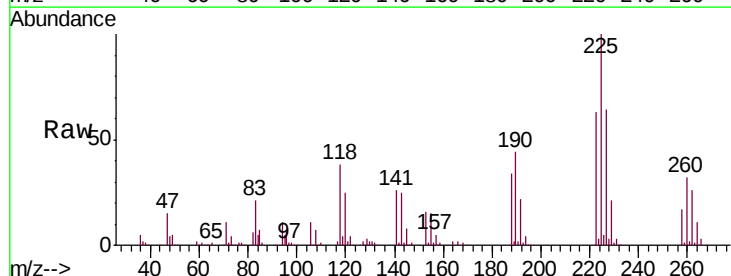


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

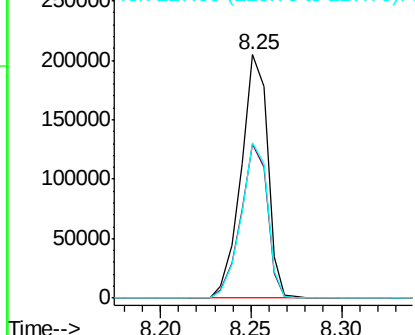
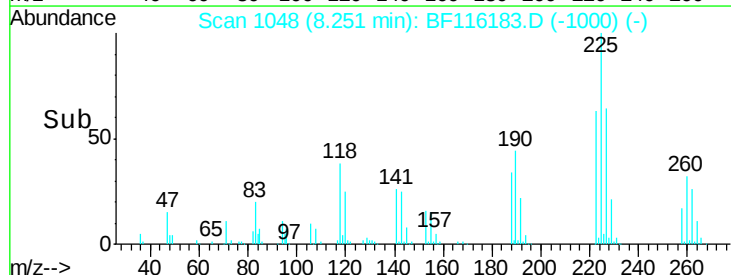


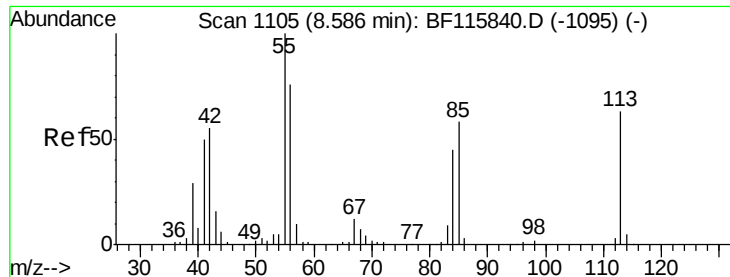
#34
 Hexachlorobutadiene
 Concen: 39.748 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion:	225	Resp:	208555
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.0	75.0
227	63.5	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

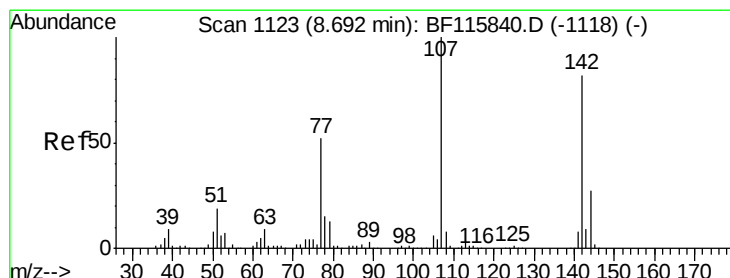
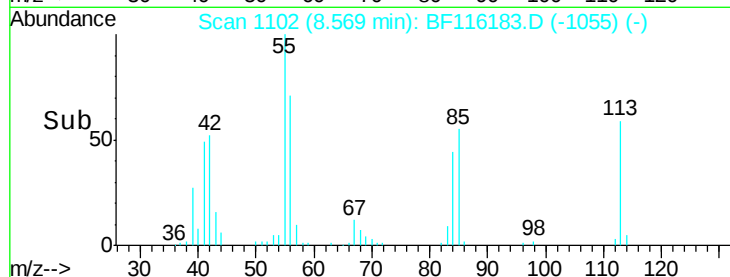
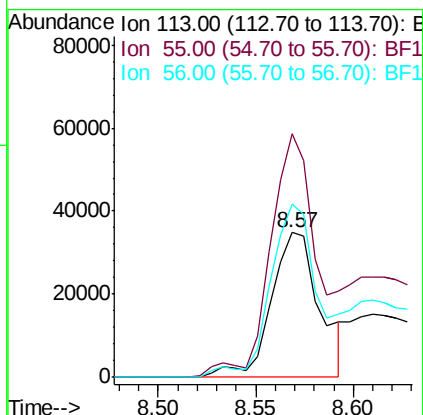
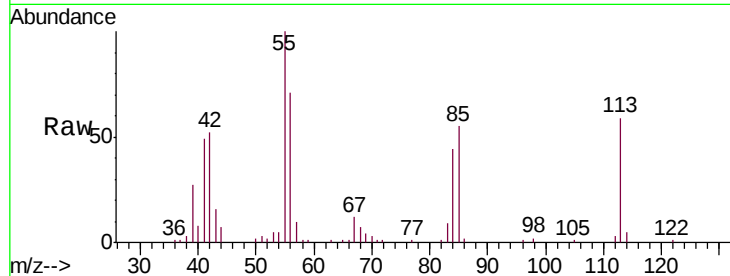




#35
 Caprolactam
 Concen: 23.225 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

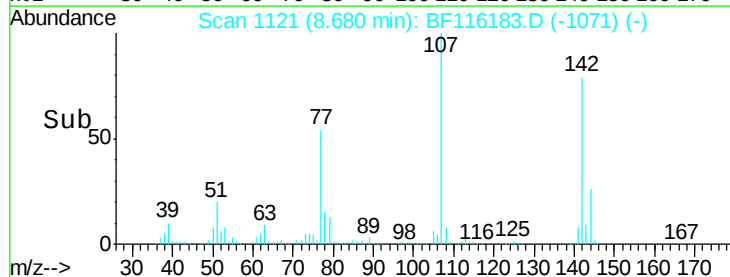
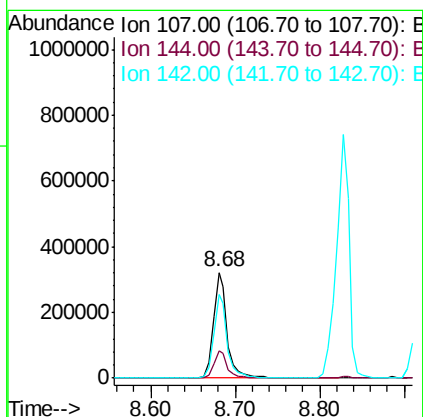
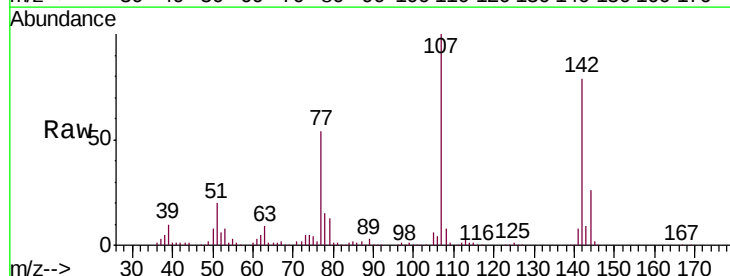
Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

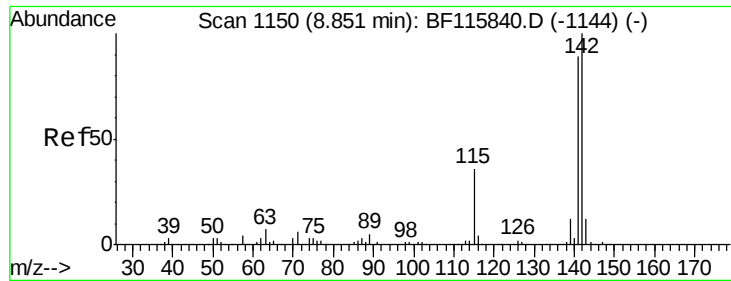
Tgt Ion:113 Resp: 60028
 Ion Ratio Lower Upper
 113 100
 55 168.6 144.3 184.3
 56 119.8 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.485 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion:107 Resp: 369828
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 78.9 61.7 92.5

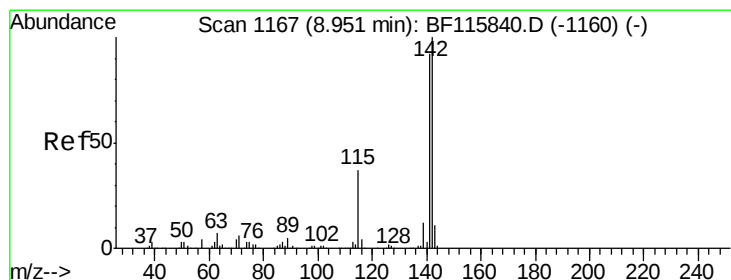
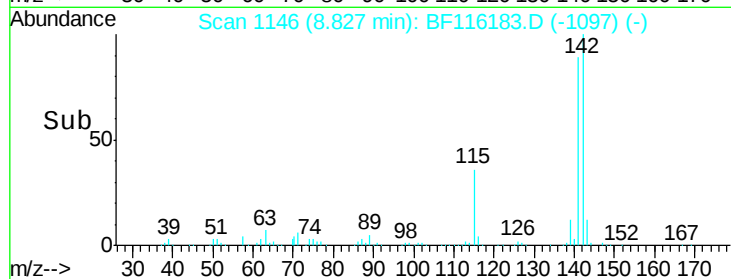
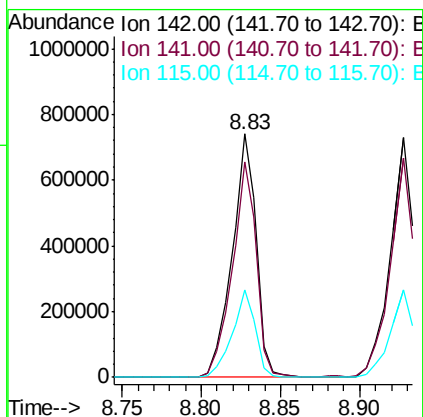
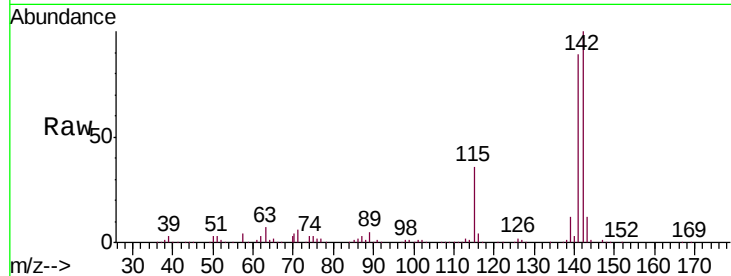




#37
2-Methylnaphthalene
Concen: 43.977 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

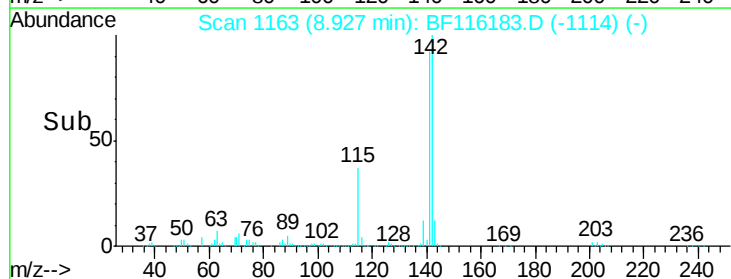
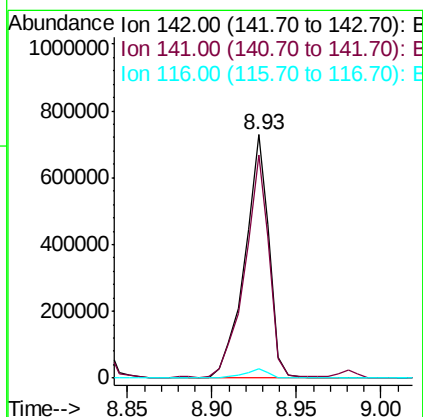
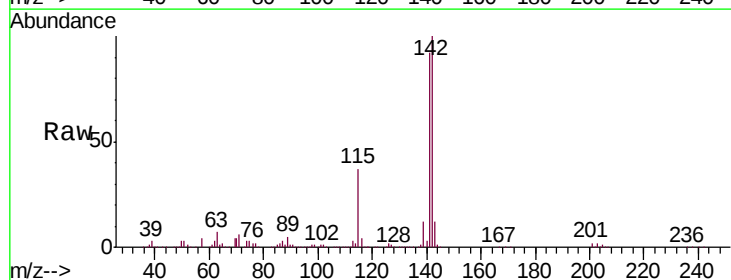
Instrument :
BNA_F
ClientSampleId :
PB122127BS

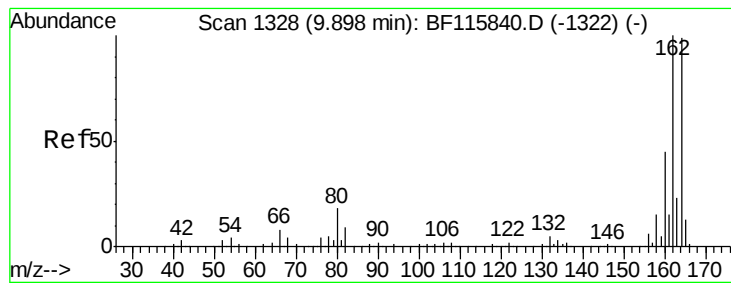
Tgt Ion:142 Resp: 777569
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3
115 36.0 29.0 43.6



#38
1-Methylnaphthalene
Concen: 43.321 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion:142 Resp: 724644
Ion Ratio Lower Upper
142 100
141 91.6 74.4 111.6
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

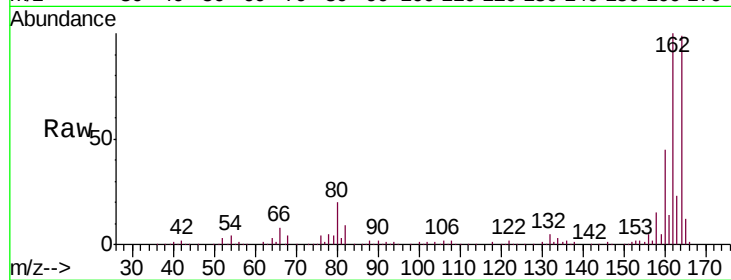
Tgt Ion:164 Resp: 314151

Ion Ratio Lower Upper

164 100

162 101.4 82.6 124.0

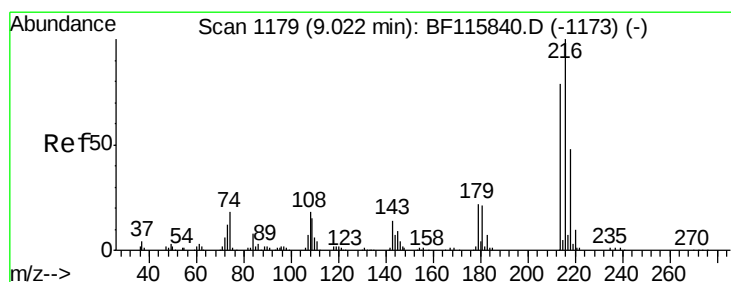
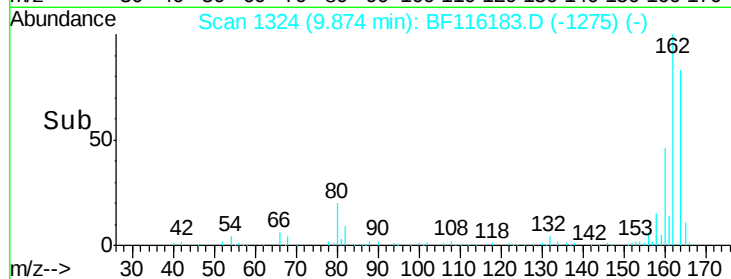
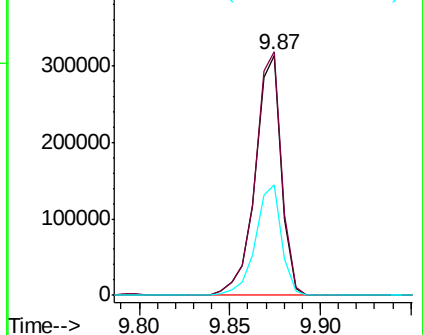
160 46.0 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.725 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Tgt Ion:216 Resp: 358826

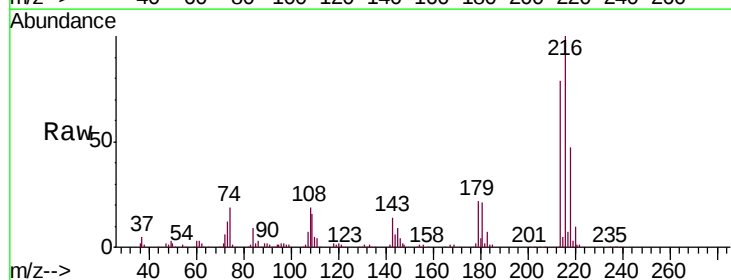
Ion Ratio Lower Upper

216 100

214 78.9 63.6 95.4

179 21.8 17.8 26.8

108 20.1 16.5 24.7

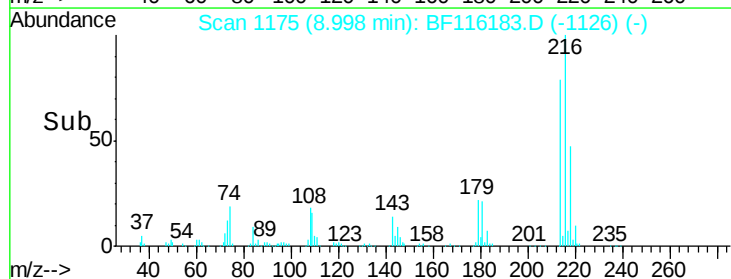
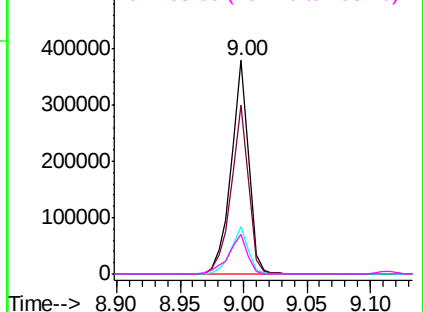


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.268 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

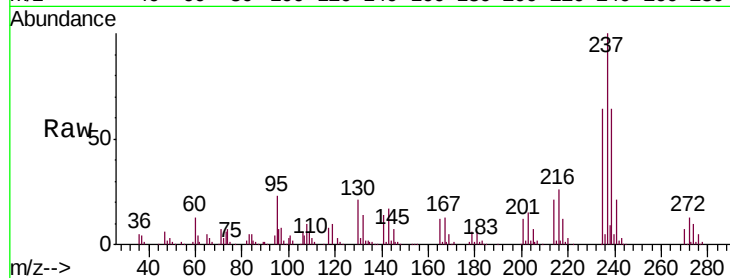
Tgt Ion: 237 Resp: 143919

Ion Ratio Lower Upper

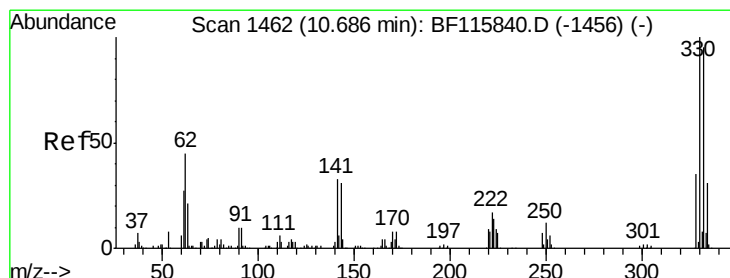
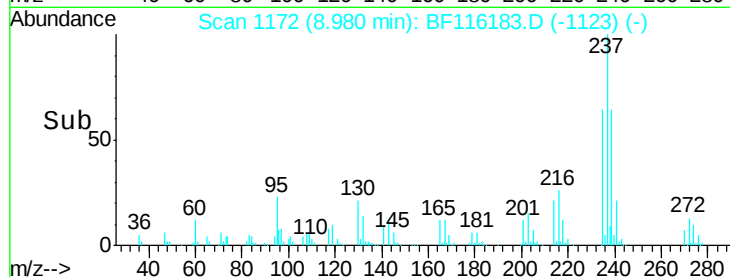
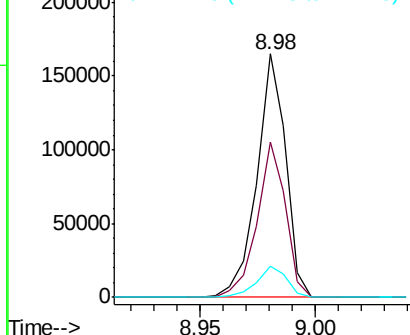
237 100

235 63.6 43.4 83.4

272 12.9 0.0 33.2



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: 114.093 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

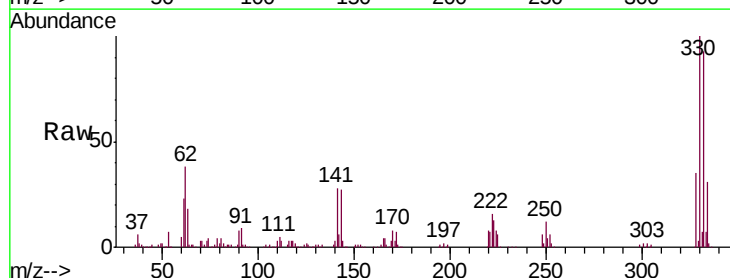
Tgt Ion: 330 Resp: 347502

Ion Ratio Lower Upper

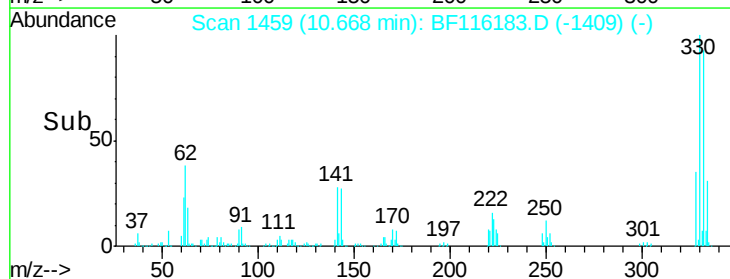
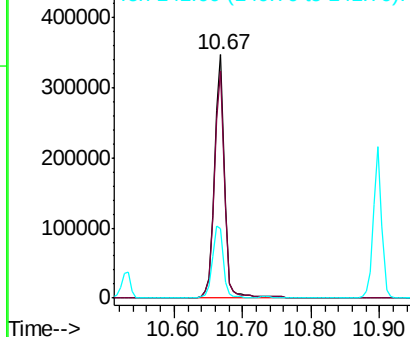
330 100

332 94.9 76.8 115.2

141 32.8 26.3 39.5



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

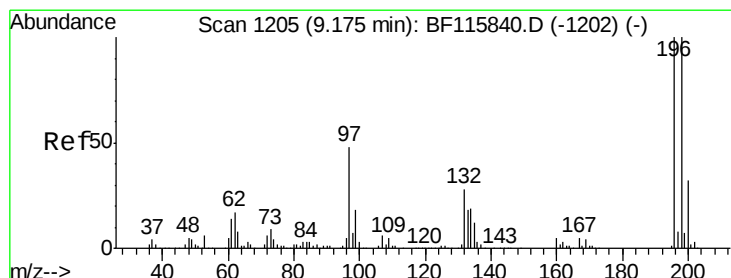
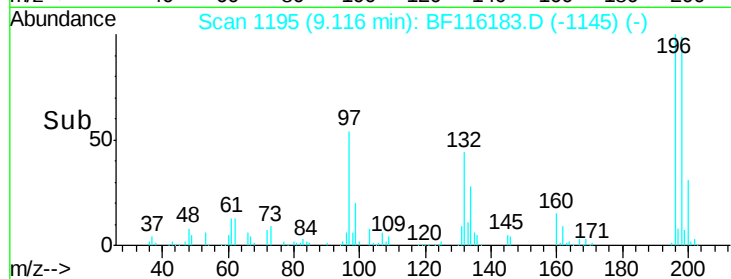
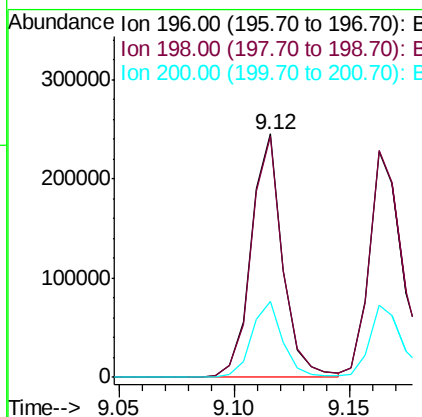
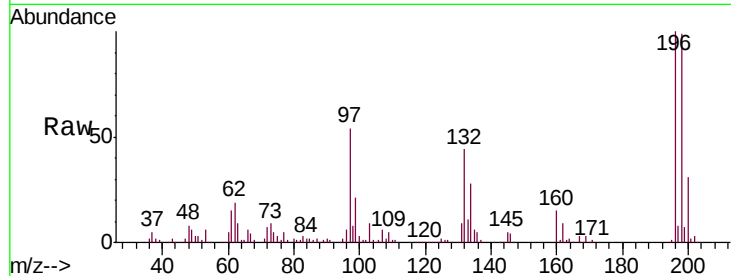




#43
 2,4,6-Trichlorophenol
 Concen: 40.290 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

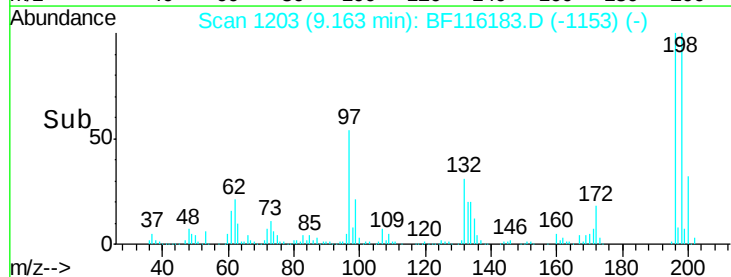
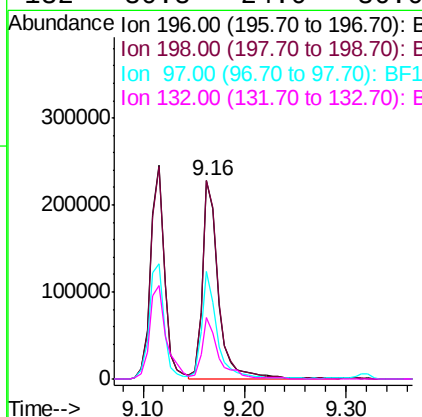
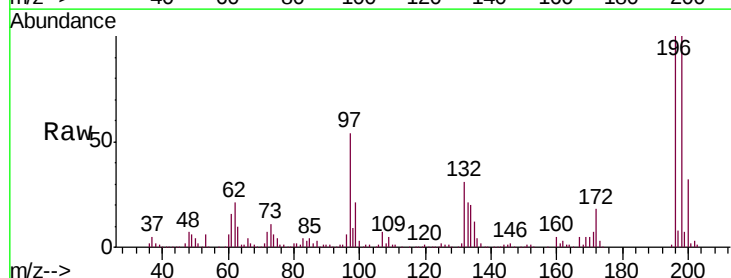
Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

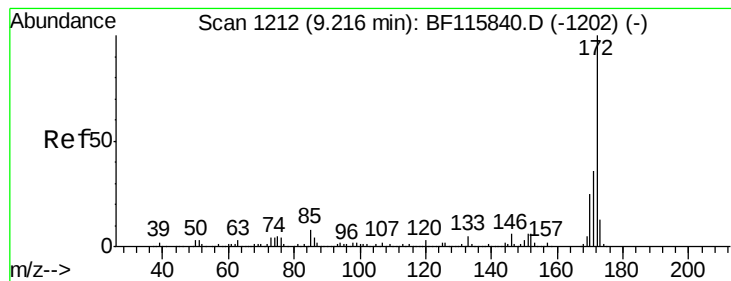
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	79.2	118.8
200	31.3	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.251 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	78.8	118.2
97	54.2	42.2	63.4
132	30.8	24.0	36.0





#45

2-Fluorobiphenyl

Concen: 80.825 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

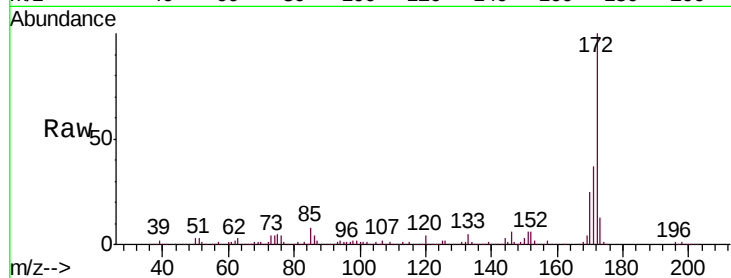
Tgt Ion:172 Resp: 1355593

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

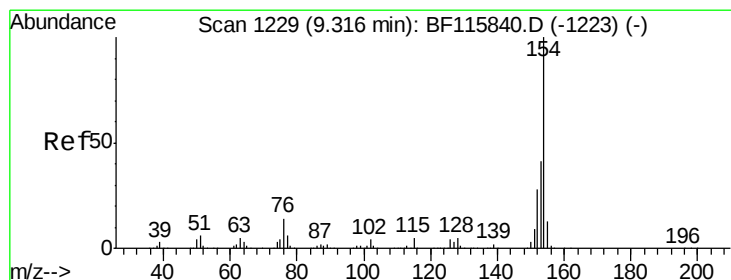
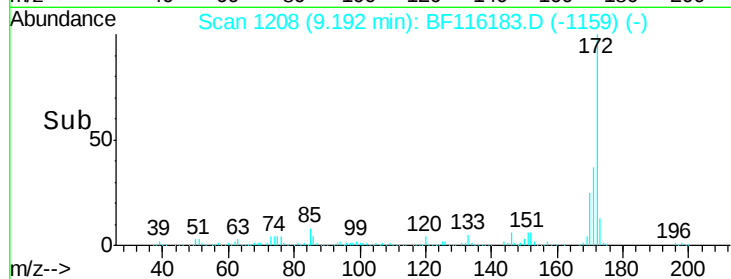
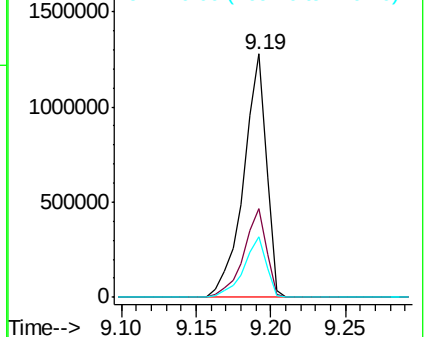
170 25.0 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.637 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

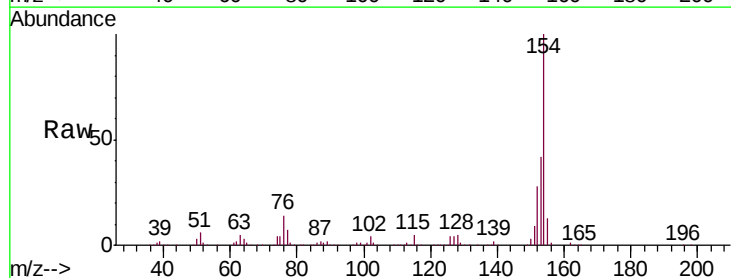
Tgt Ion:154 Resp: 945638

Ion Ratio Lower Upper

154 100

153 41.5 21.4 61.4

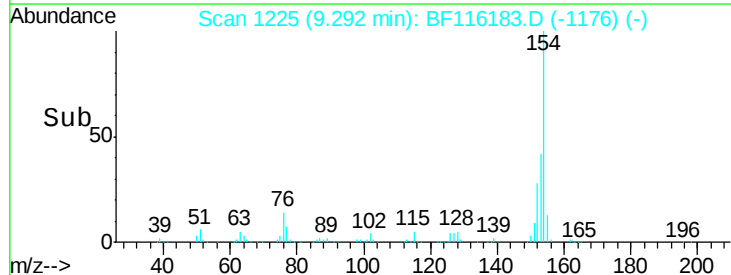
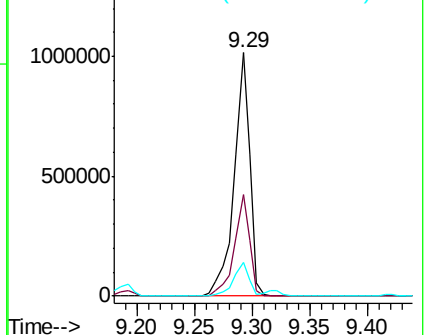
76 14.0 0.0 35.2

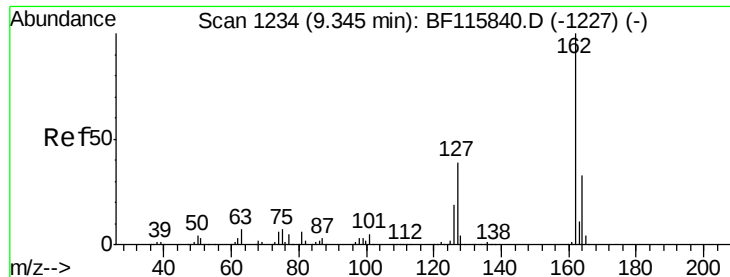


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

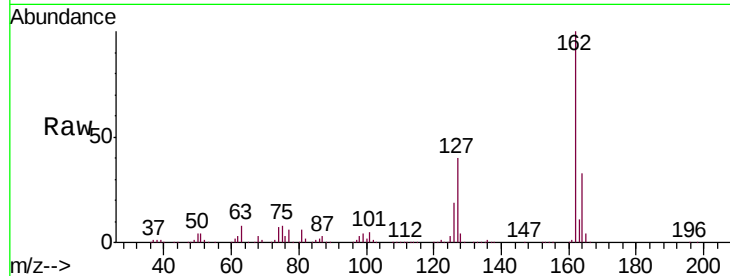




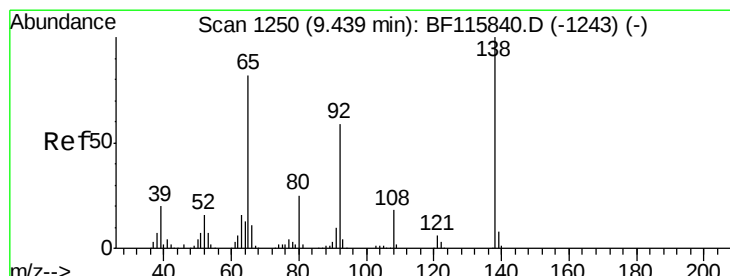
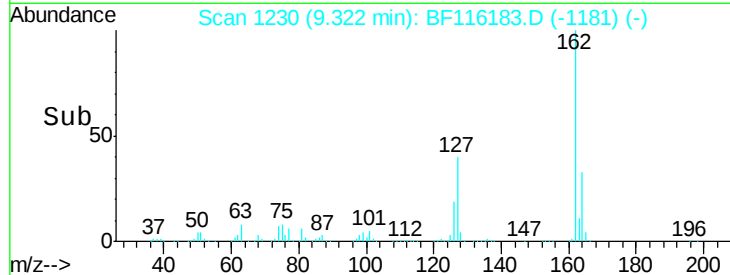
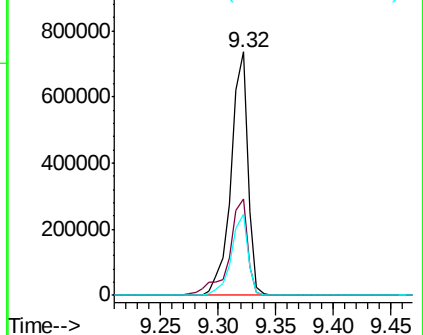
#47
 2-Chloronaphthalene
 Concen: 40.388 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tgt Ion:	162	Resp:	745545
Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.8	49.2
164	33.2	26.6	39.8

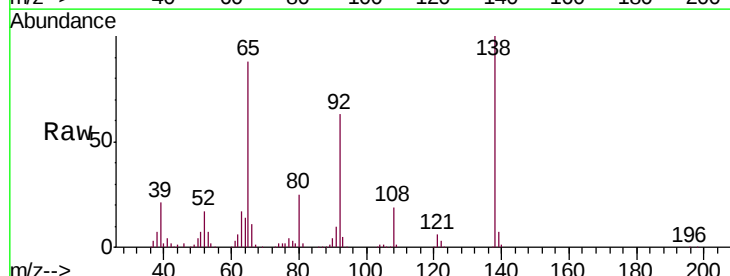


Abundance Ion 162.00 (161.70 to 162.70): E
 1000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

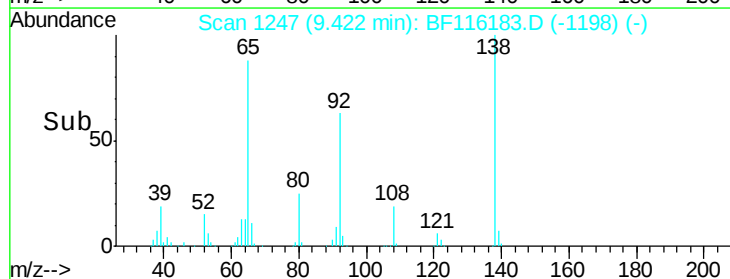
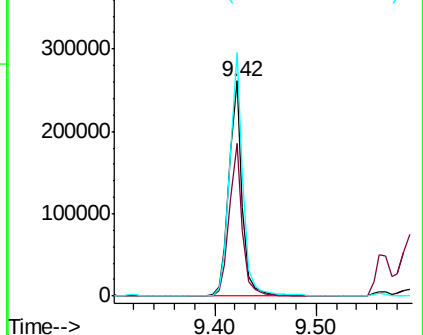


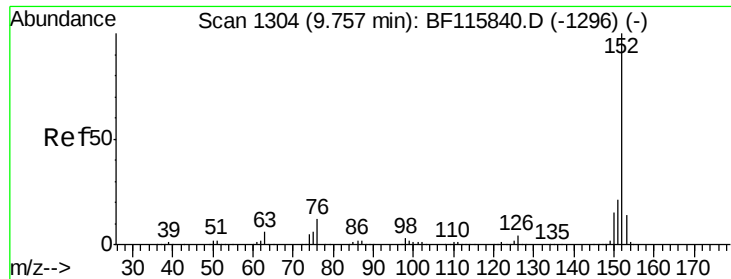
#48
 2-Nitroaniline
 Concen: 39.009 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion:	65	Resp:	238016
Ion	Ratio	Lower	Upper
65	100		
92	71.1	57.8	86.8
138	113.2	94.0	141.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 400000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.757 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

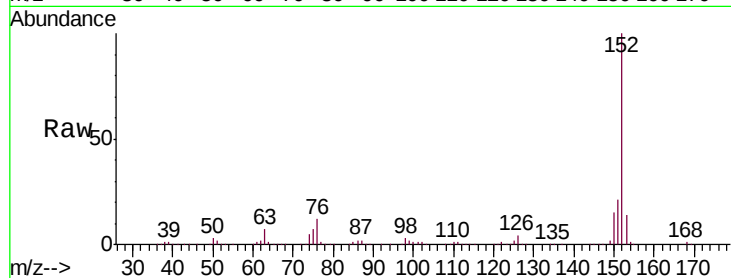
Tgt Ion:152 Resp: 1124534

Ion Ratio Lower Upper

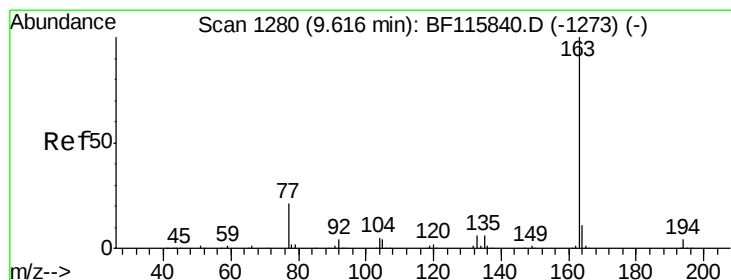
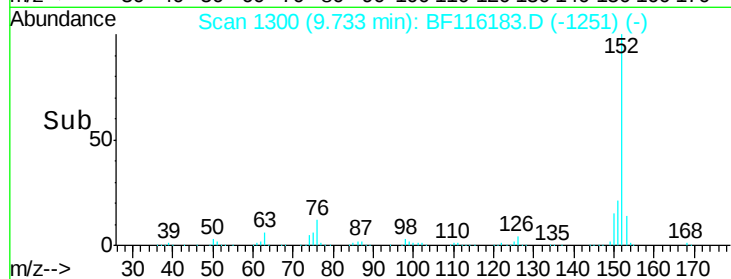
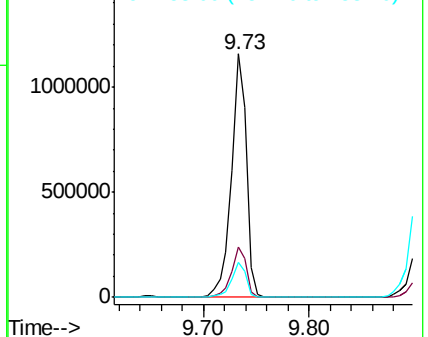
152 100

151 20.8 17.2 25.8

153 14.3 11.8 17.8



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: 41.757 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

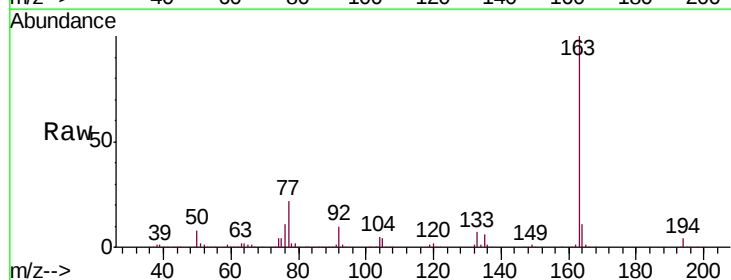
Tgt Ion:163 Resp: 893198

Ion Ratio Lower Upper

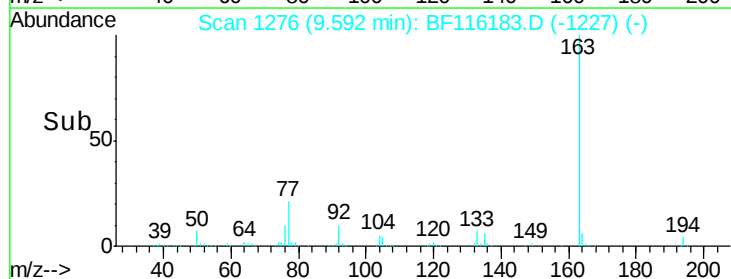
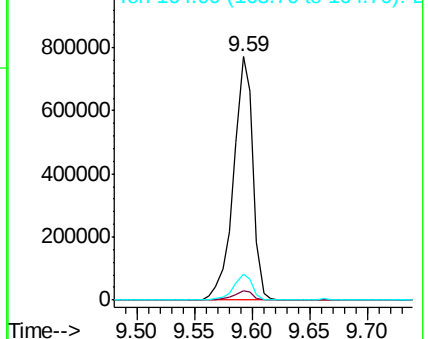
163 100

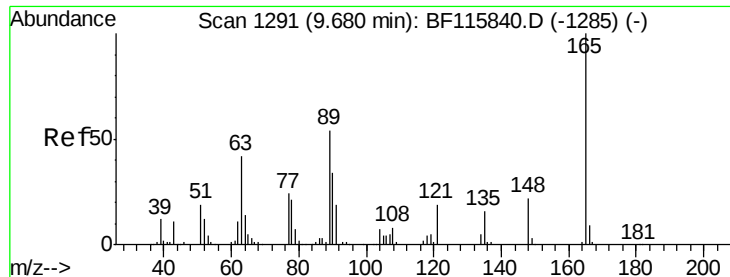
194 3.9 3.0 4.6

164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.265 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

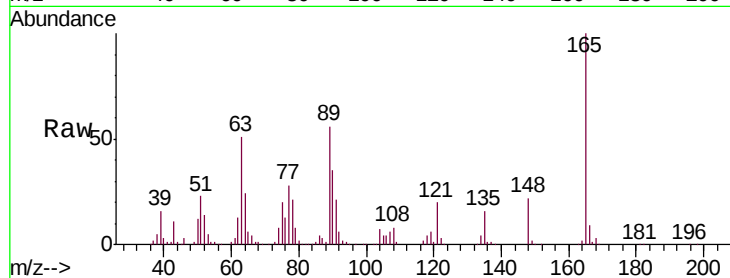
Tgt Ion:165 Resp: 196465

Ion Ratio Lower Upper

165 100

63 51.1 38.2 57.2

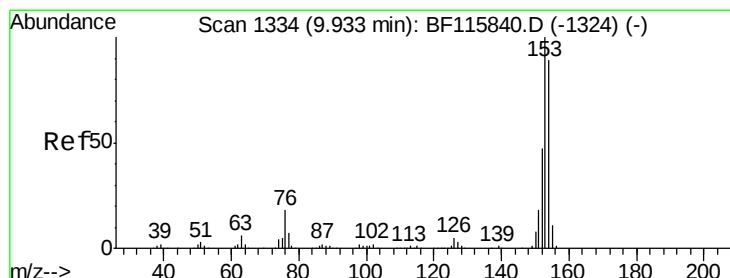
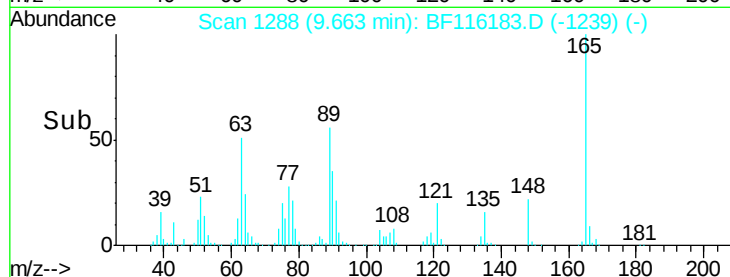
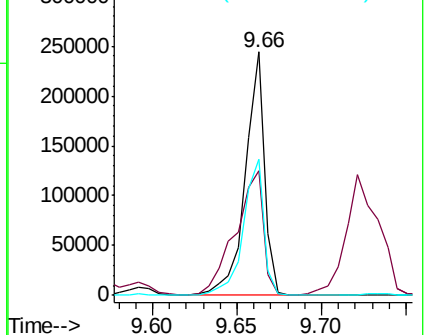
89 55.6 42.9 64.3



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: 41.095 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

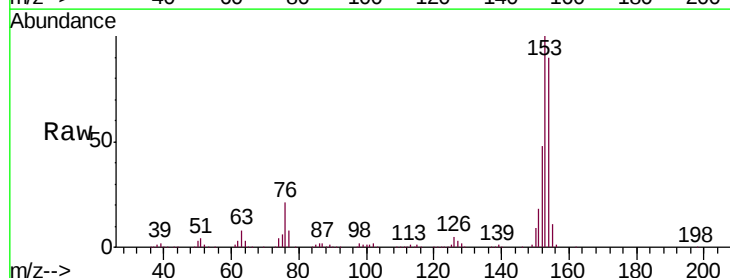
Tgt Ion:154 Resp: 678960

Ion Ratio Lower Upper

154 100

153 111.6 89.4 134.0

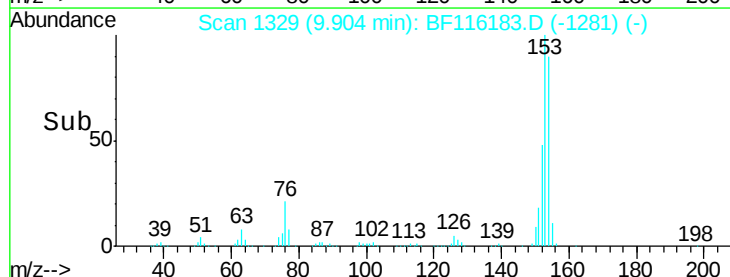
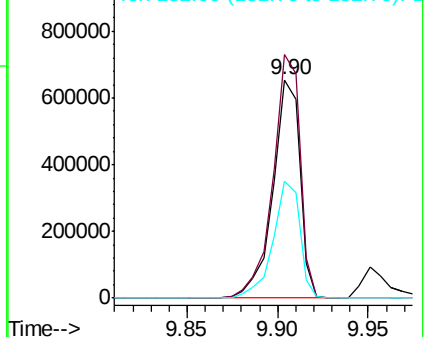
152 53.4 42.3 63.5

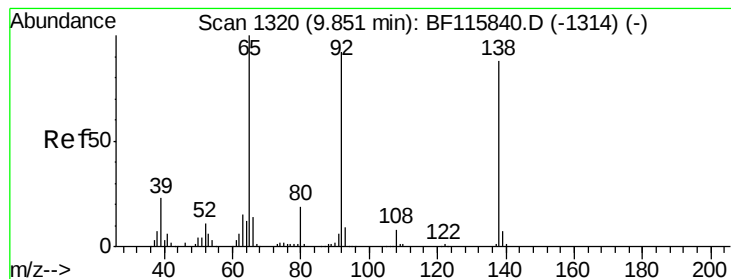


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.340 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

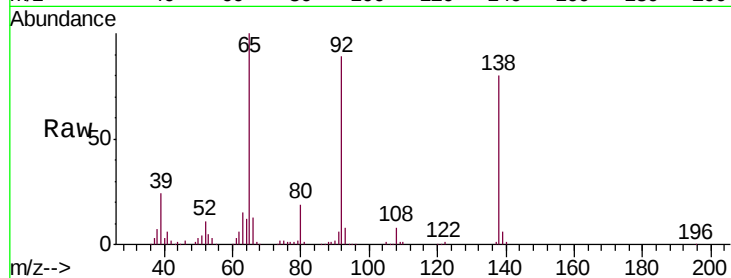
Tgt Ion:138 Resp: 162779

Ion Ratio Lower Upper

138 100

108 9.6 8.0 12.0

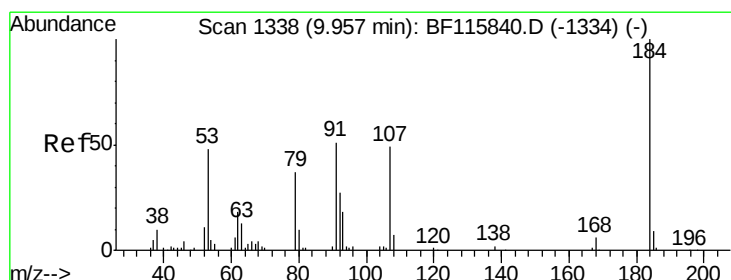
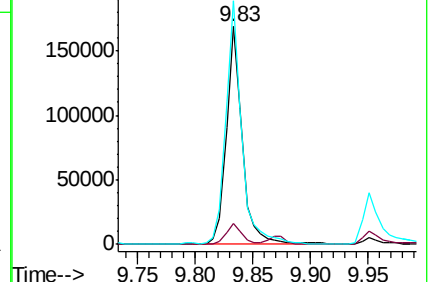
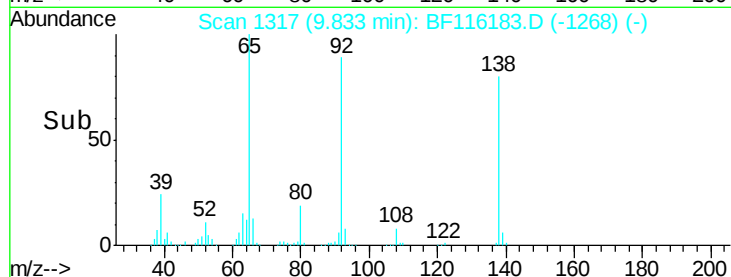
92 111.7 91.0 136.6



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: 70.435 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

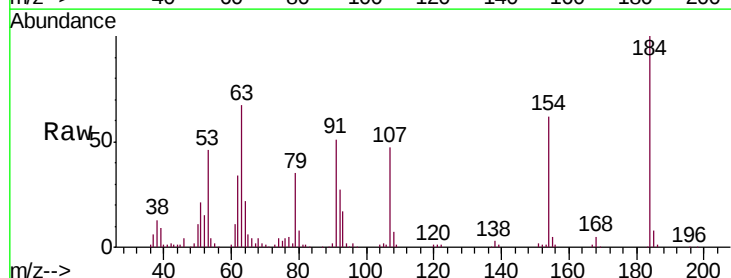
Tgt Ion:184 Resp: 164080

Ion Ratio Lower Upper

184 100

63 67.1 53.0 79.4

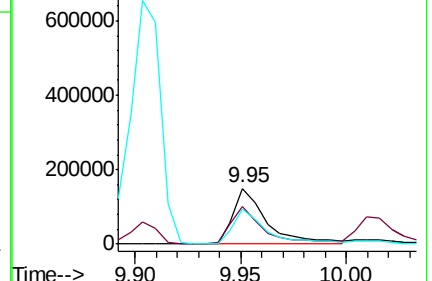
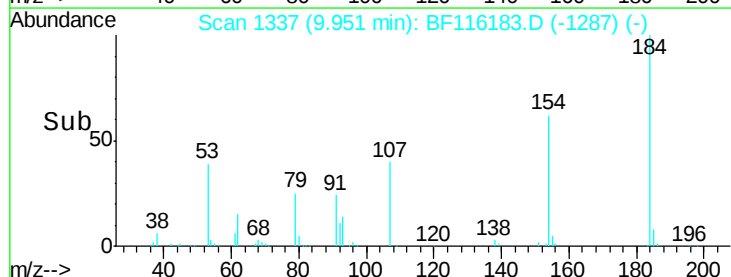
154 62.4 50.1 75.1

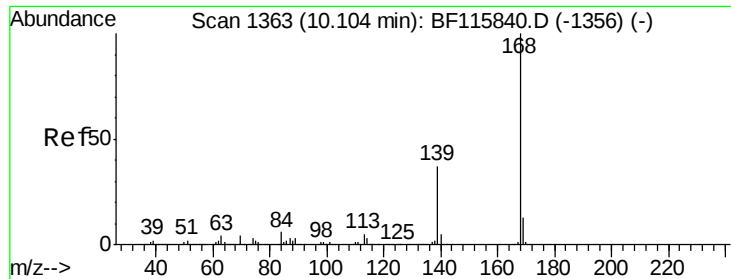


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

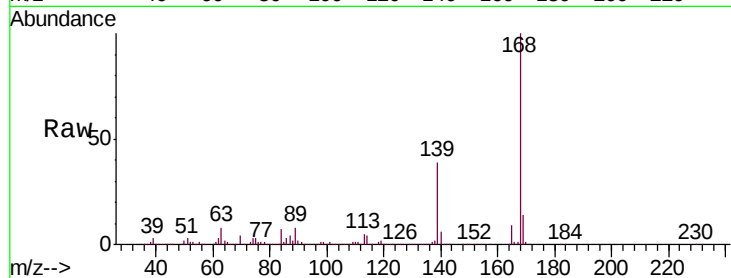




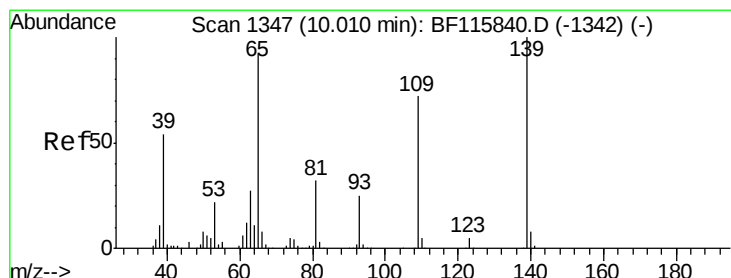
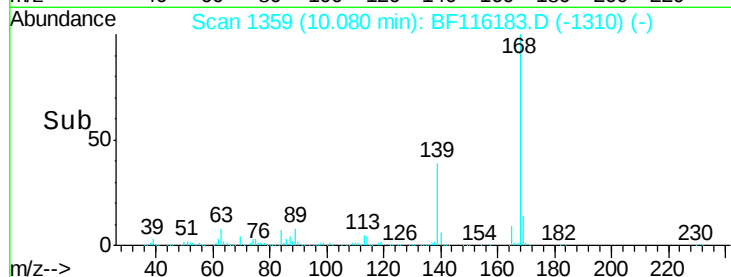
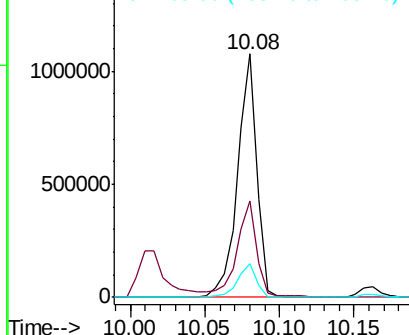
#55
Dibenzofuran
Concen: 40.415 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tgt Ion:168 Resp: 971042
Ion Ratio Lower Upper
168 100
139 39.4 31.4 47.2
169 14.0 10.9 16.3

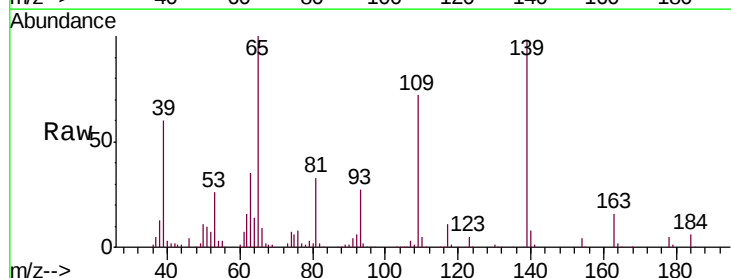


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

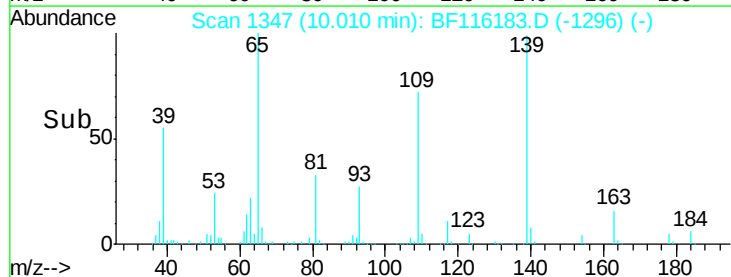
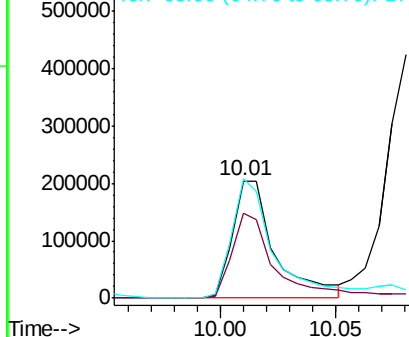


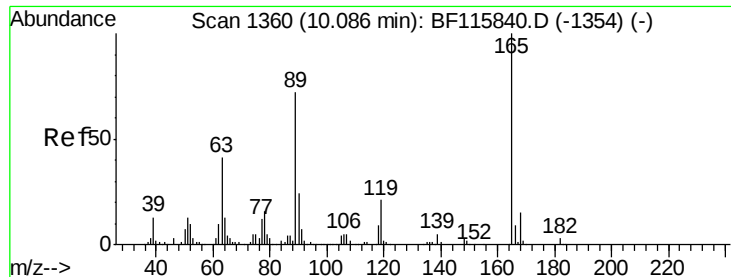
#56
4-Nitrophenol
Concen: 71.751 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion:139 Resp: 264004
Ion Ratio Lower Upper
139 100
109 72.8 54.4 94.4
65 101.7 80.6 120.6



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





#57

2,4-Dinitrotoluene

Concen: 40.189 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

Tgt Ion:165 Resp: 248731

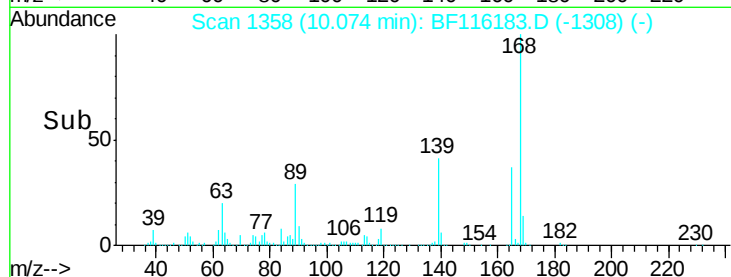
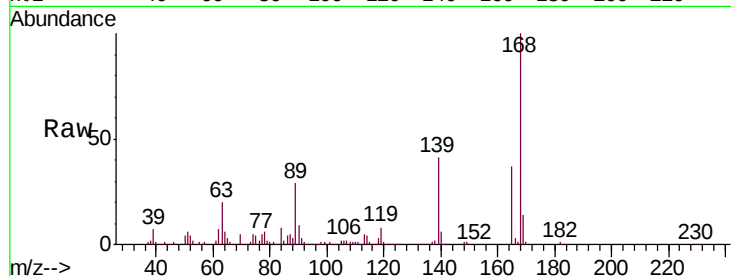
Ion Ratio Lower Upper

165 100

63 53.7 39.6 59.4

89 77.0 62.2 93.2

182 2.7 2.1 3.1

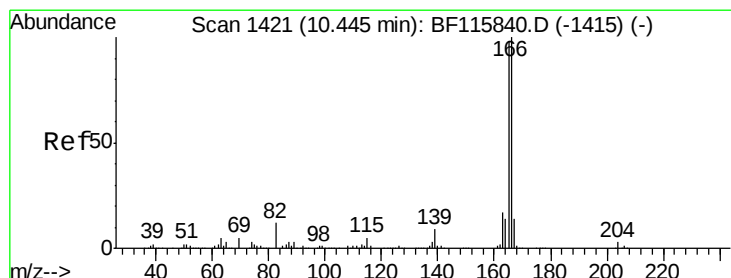
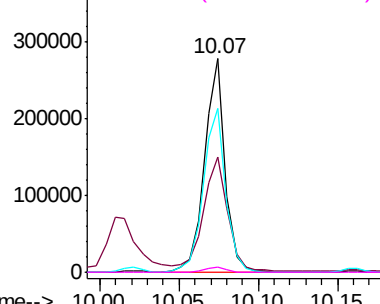


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.999 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

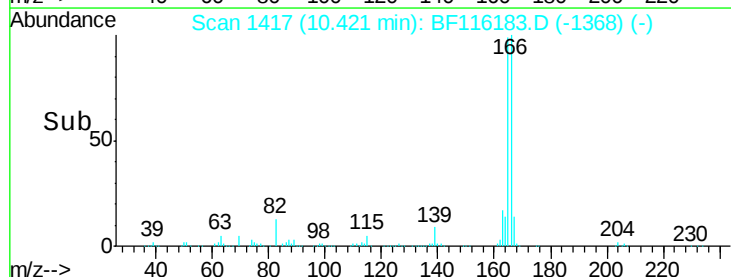
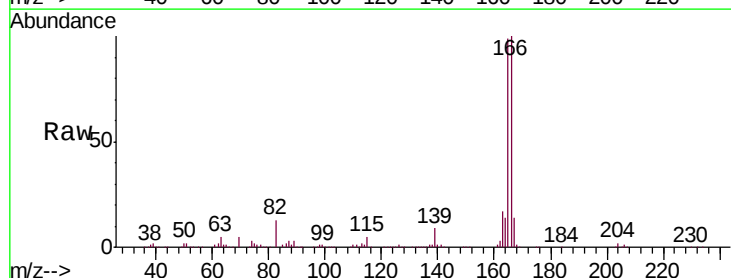
Tgt Ion:166 Resp: 794853

Ion Ratio Lower Upper

166 100

165 99.0 78.4 117.6

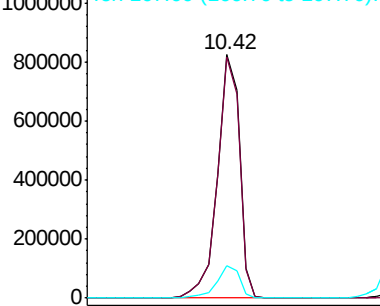
167 13.6 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

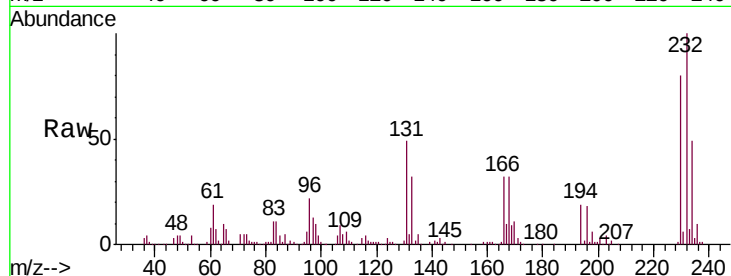




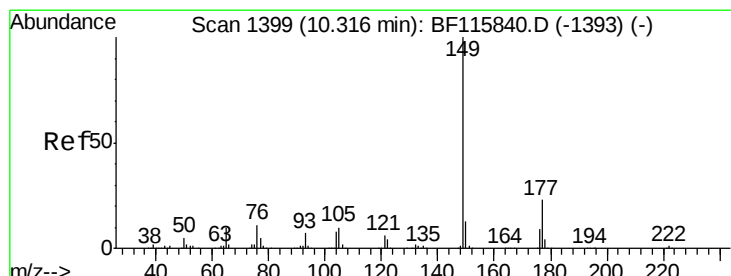
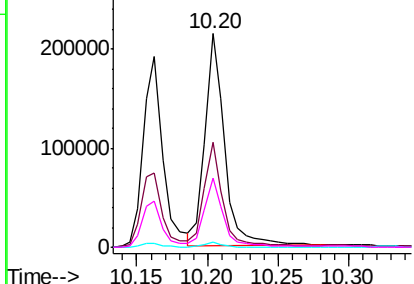
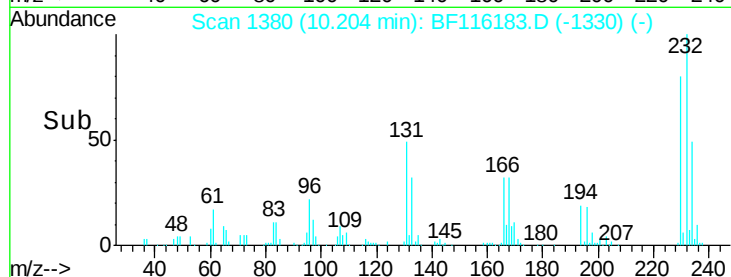
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.306 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

Tgt Ion:	232	Resp:	207662
Ion	Ratio	Lower	Upper
232	100		
131	47.1	36.2	54.2
130	2.3	1.9	2.9
166	30.5	23.0	34.4

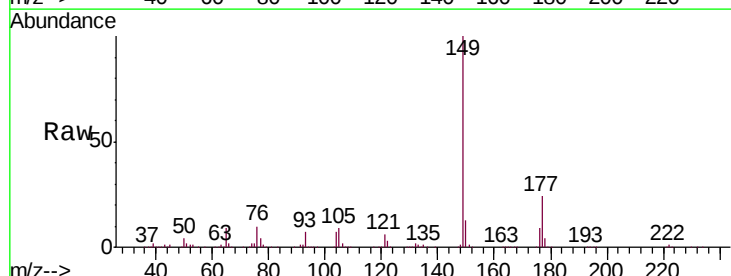


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

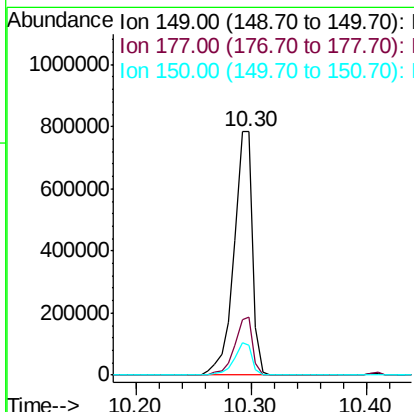
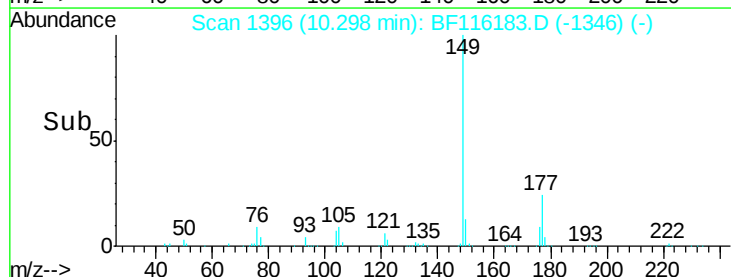


#60
 Diethylphthalate
 Concen: 43.490 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion:	149	Resp:	868508
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.8	28.2
150	12.5	10.2	15.4



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

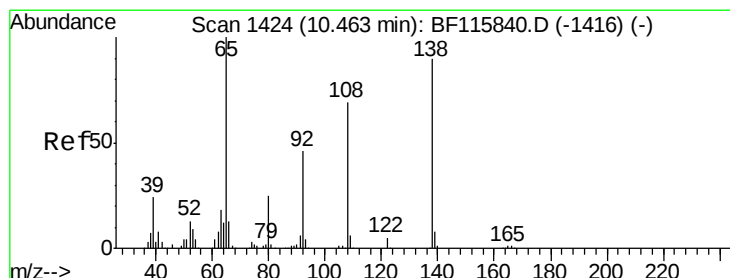
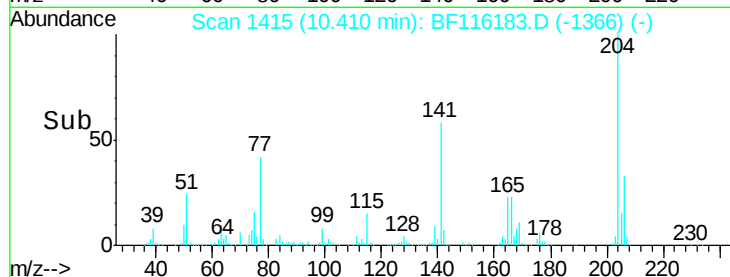
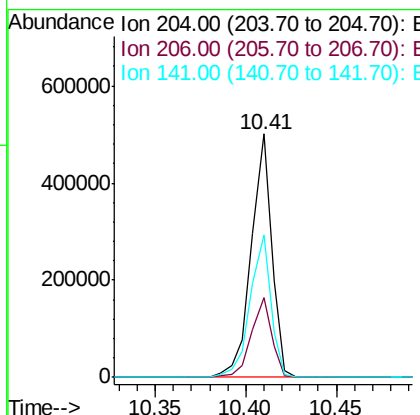
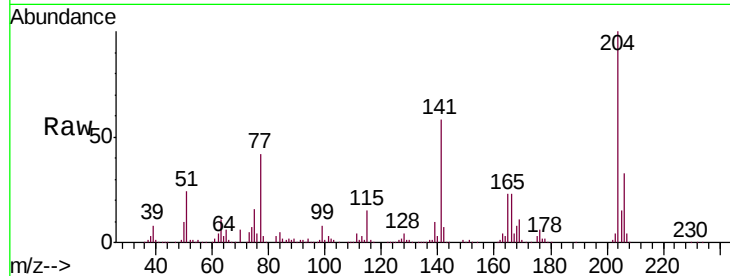




#61
4-Chlorophenyl-phenylether
Concen: 42.404 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

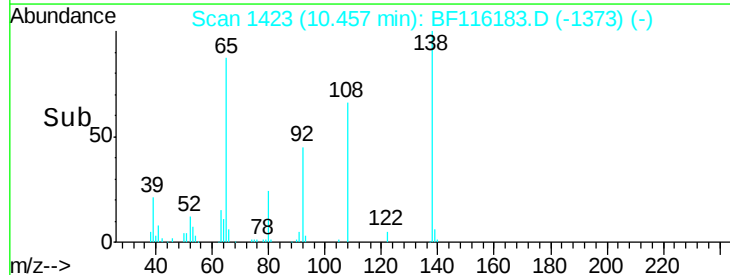
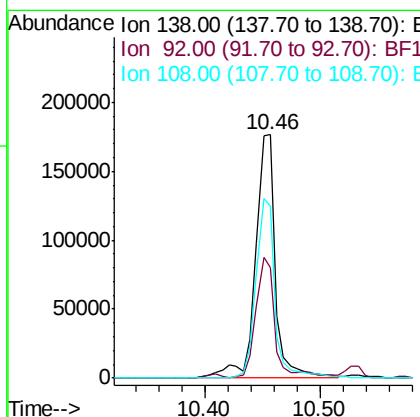
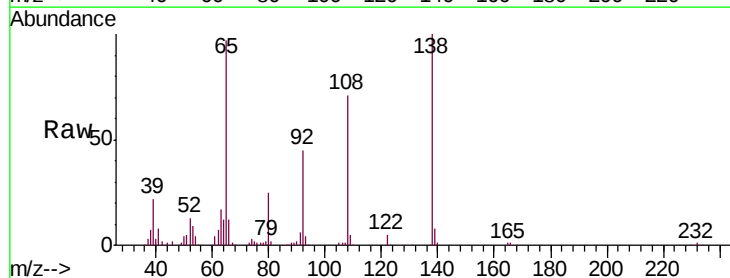
Instrument :
BNA_F
ClientSampleId :
PB122127BS

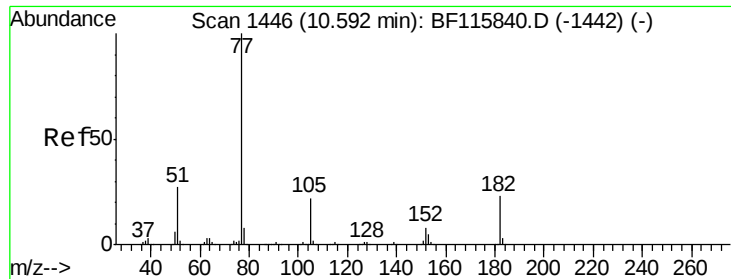
Tgt Ion:204 Resp: 396990
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 58.3 46.4 69.6



#62
4-Nitroaniline
Concen: 36.043 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion:138 Resp: 213948
Ion Ratio Lower Upper
138 100
92 45.4 29.0 69.0
108 70.6 54.7 94.7





#63

Azobenzene

Concen: 43.023 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

Tgt Ion: 77 Resp: 883720

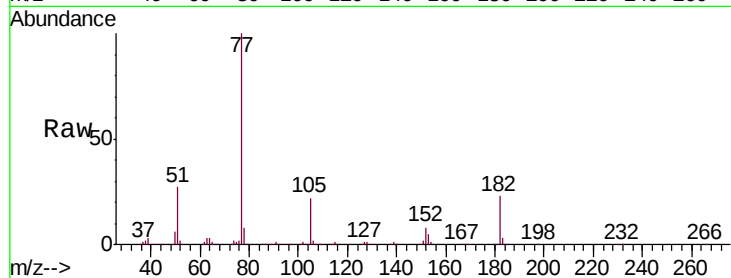
Ion Ratio Lower Upper

77 100

182 22.6 4.0 44.0

105 21.8 2.0 42.0

51 26.9 7.5 47.5

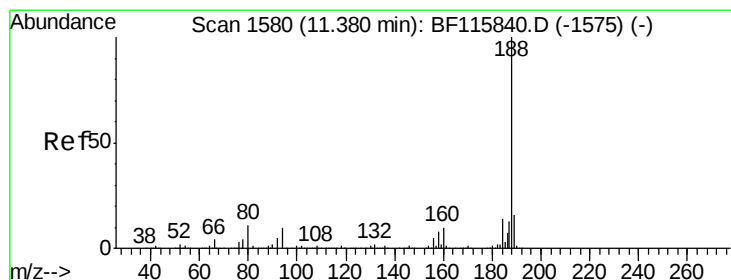
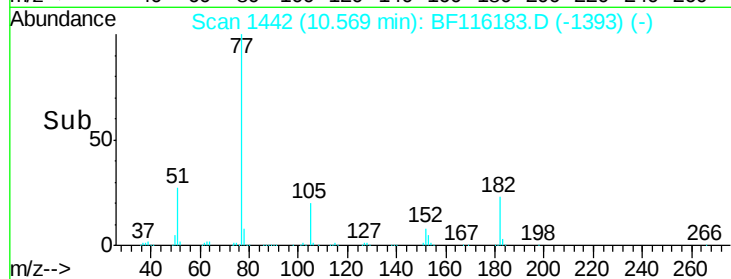
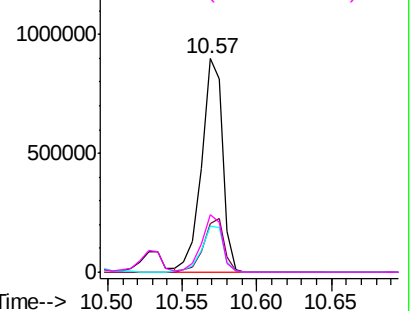


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

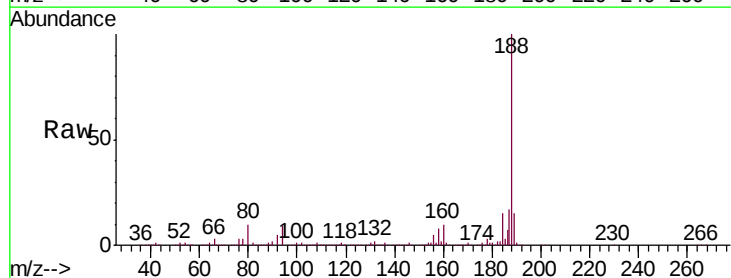
Tgt Ion: 188 Resp: 554751

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

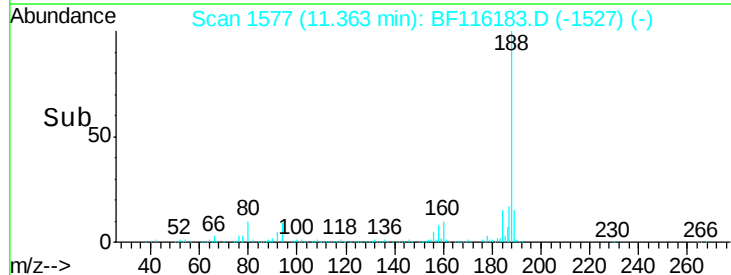
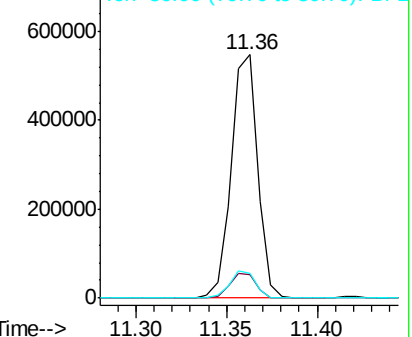
80 10.2 8.7 13.1

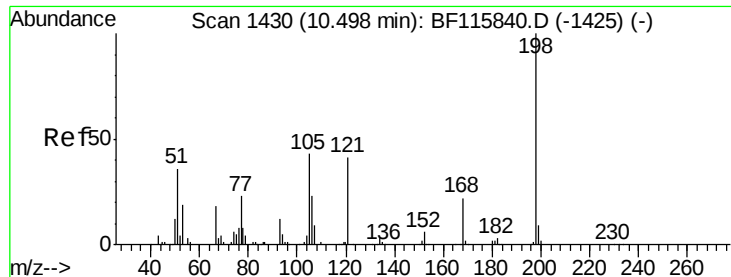


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 42.588 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

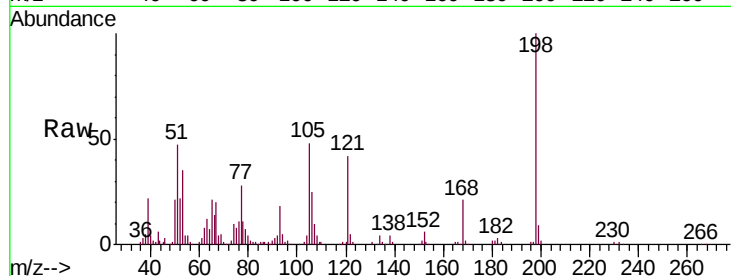
Tgt Ion:198 Resp: 125200

Ion Ratio Lower Upper

198 100

51 47.1 17.0 57.0

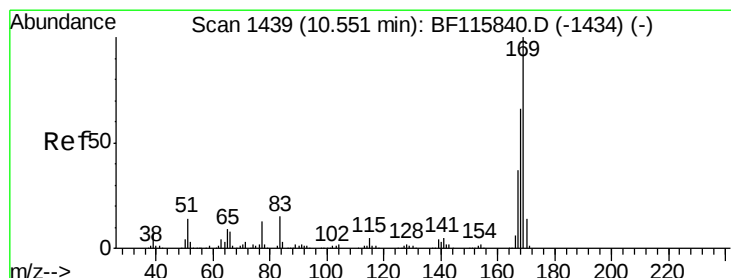
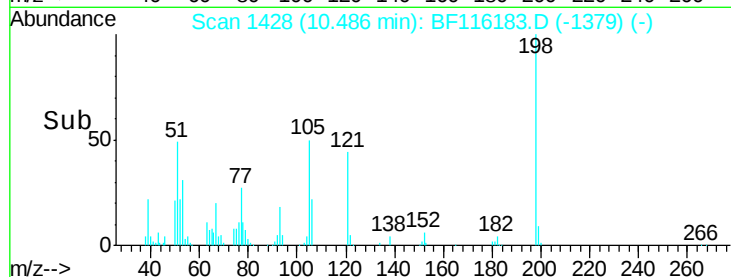
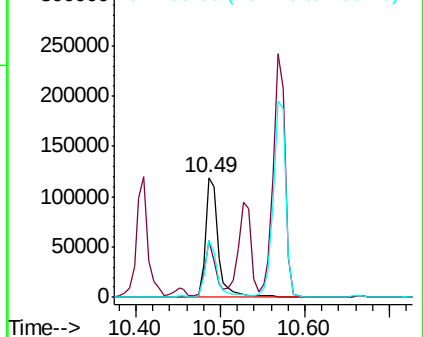
105 47.9 21.6 61.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.872 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

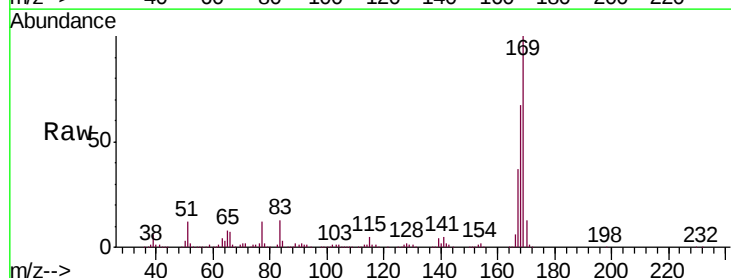
Tgt Ion:169 Resp: 715860

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

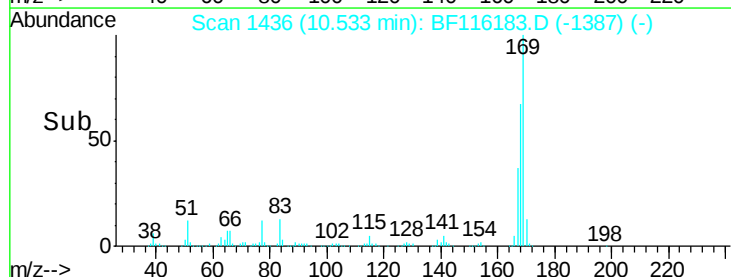
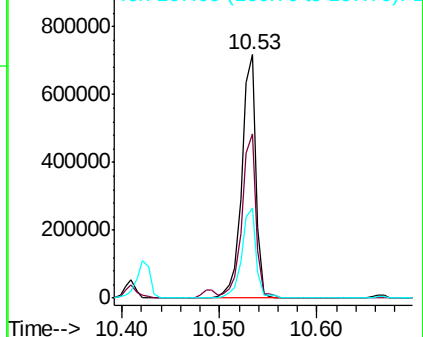
167 37.1 29.6 44.4

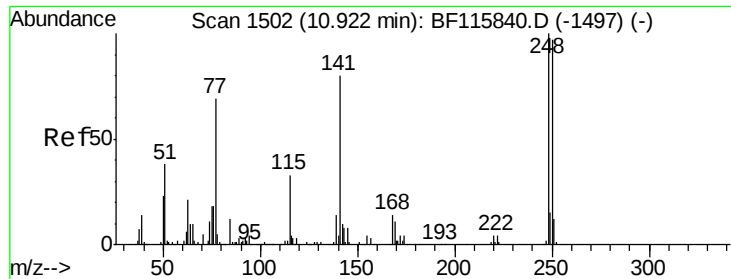


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

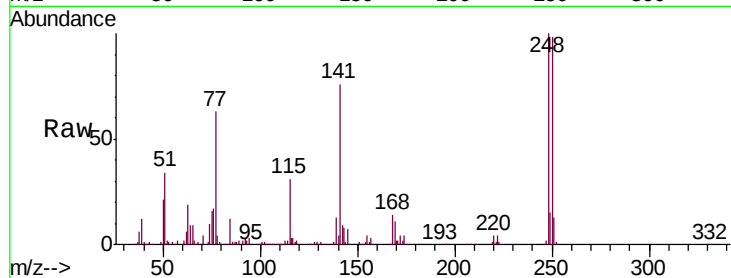




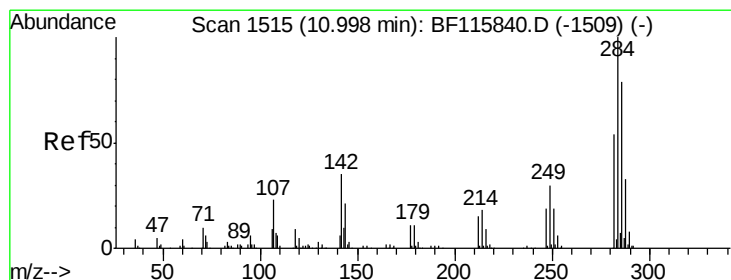
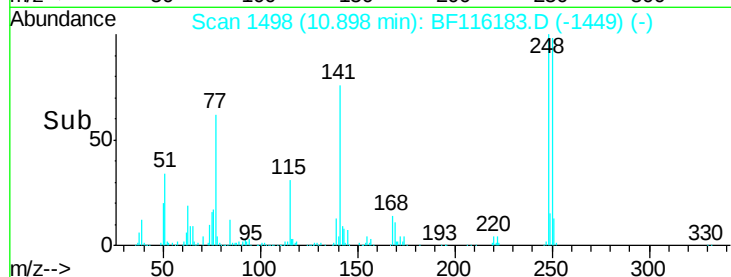
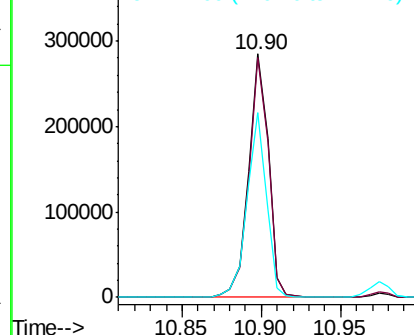
#67
4-Bromophenyl-phenylether
Concen: 41.480 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tgt Ion:248 Resp: 246331
Ion Ratio Lower Upper
248 100
250 98.4 77.4 116.2
141 75.7 56.8 85.2

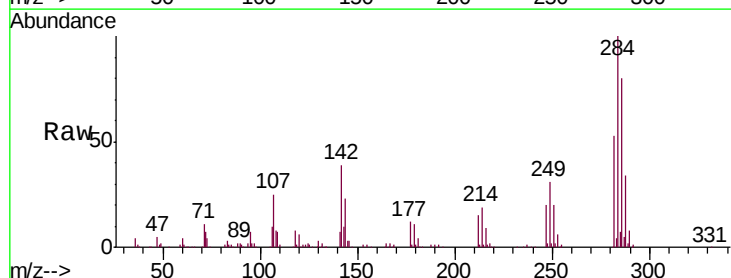


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

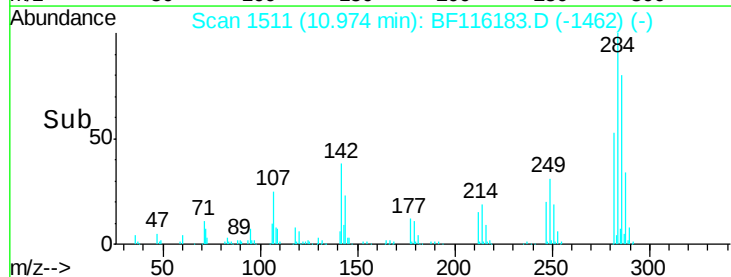
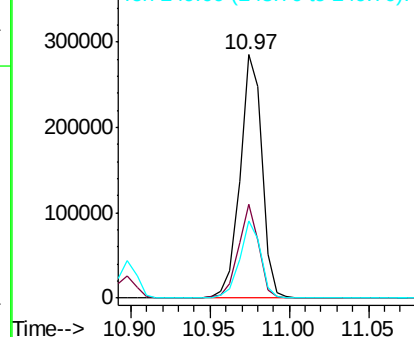


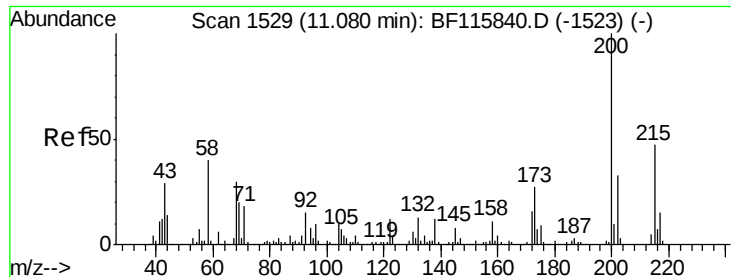
#68
Hexachlorobenzene
Concen: 39.848 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion:284 Resp: 273635
Ion Ratio Lower Upper
284 100
142 38.6 28.4 42.6
249 31.5 24.5 36.7



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: 40.354 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

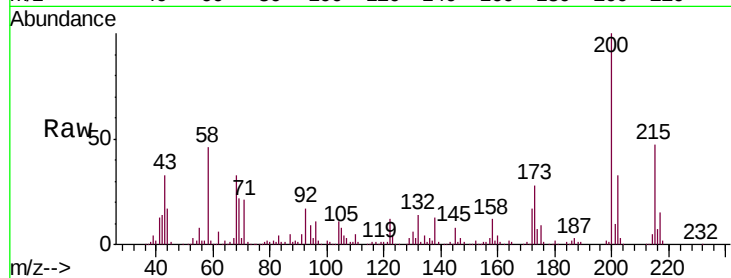
Tgt Ion:200 Resp: 221672

Ion Ratio Lower Upper

200 100

173 27.8 6.8 46.8

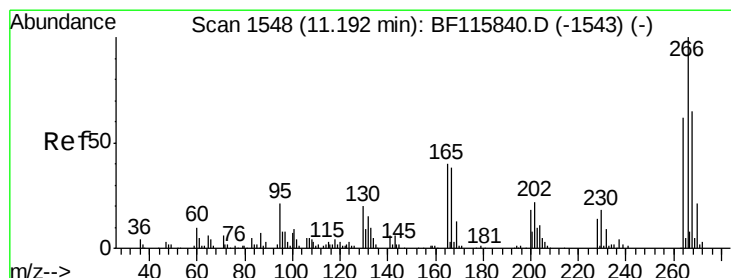
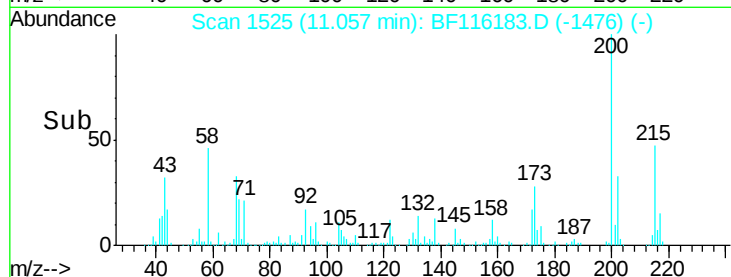
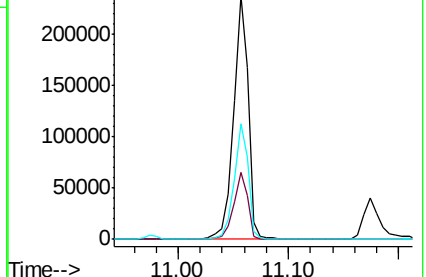
215 47.4 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.249 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

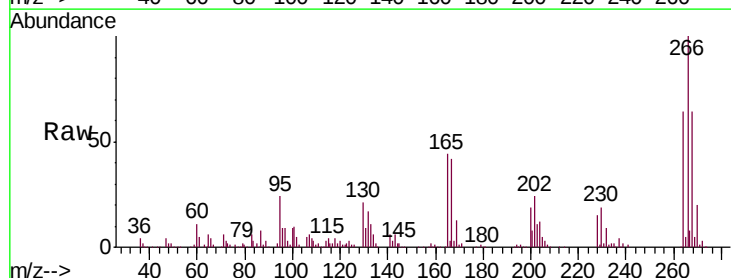
Tgt Ion:266 Resp: 257543

Ion Ratio Lower Upper

266 100

268 63.9 48.8 73.2

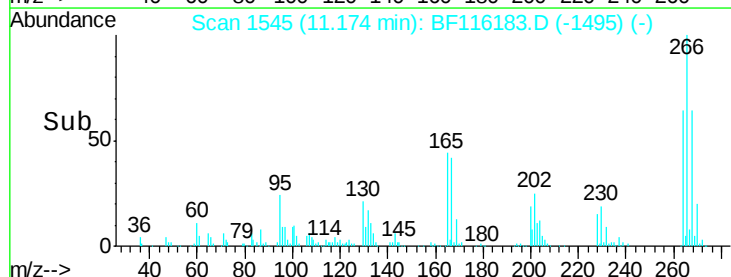
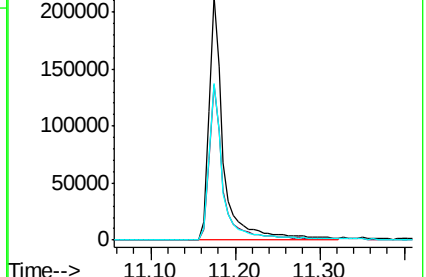
264 64.1 50.6 76.0

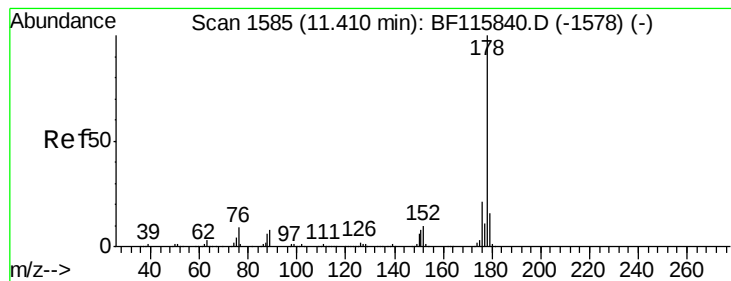


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.209 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

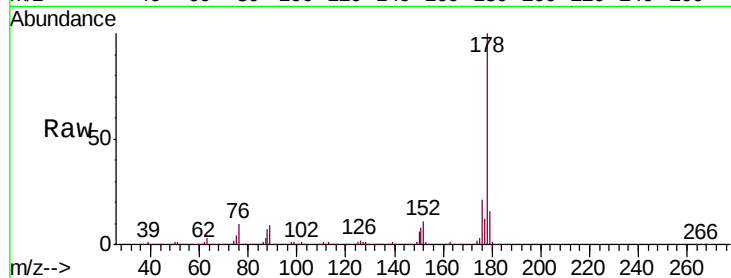
Tgt Ion:178 Resp: 1168703

Ion Ratio Lower Upper

178 100

176 20.7 16.6 24.8

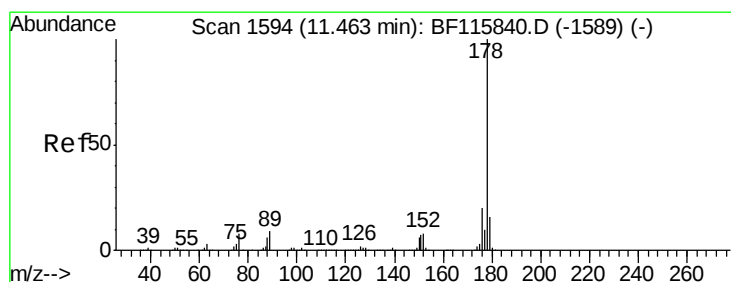
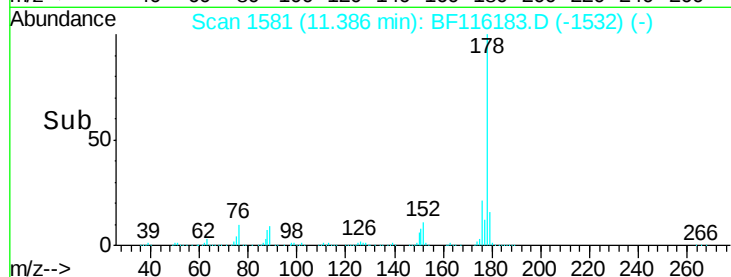
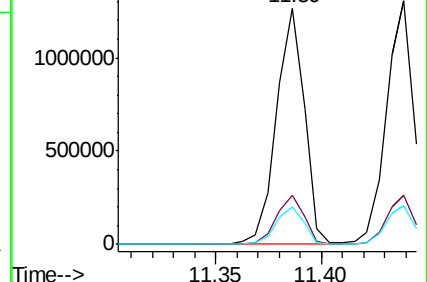
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.958 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

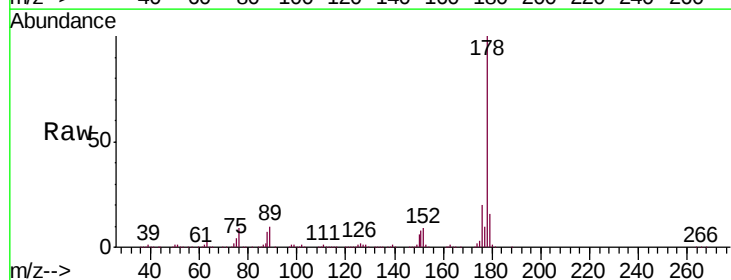
Tgt Ion:178 Resp: 1204260

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

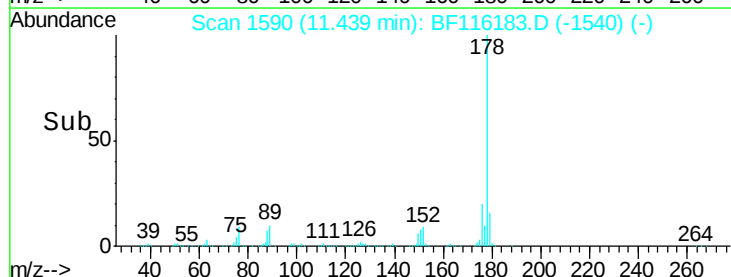
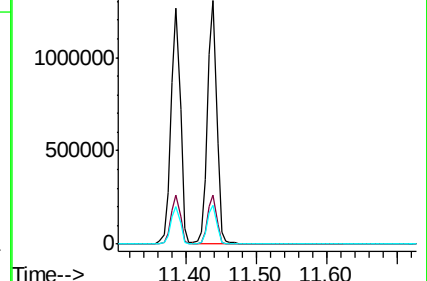
179 16.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

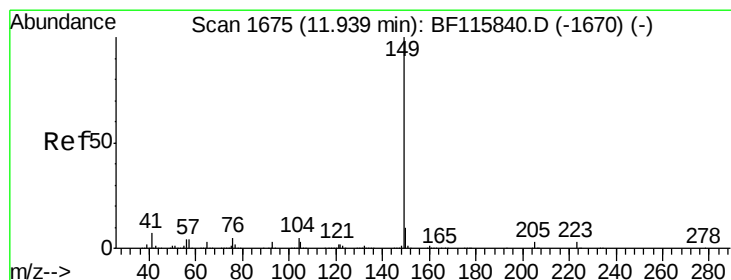
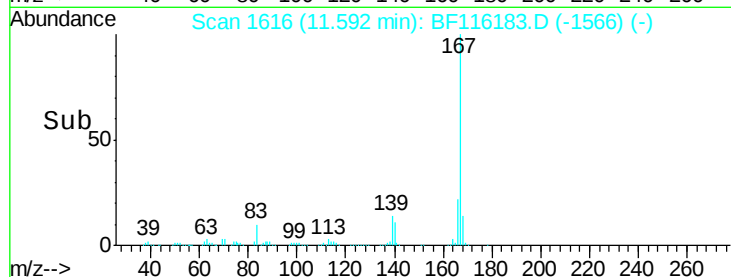
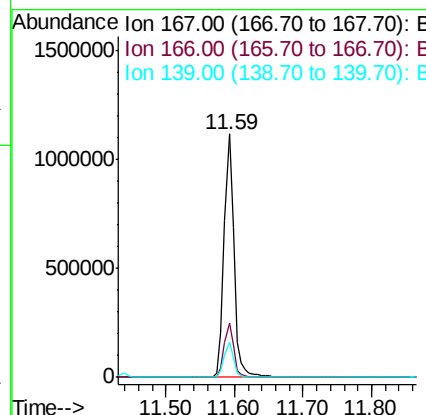
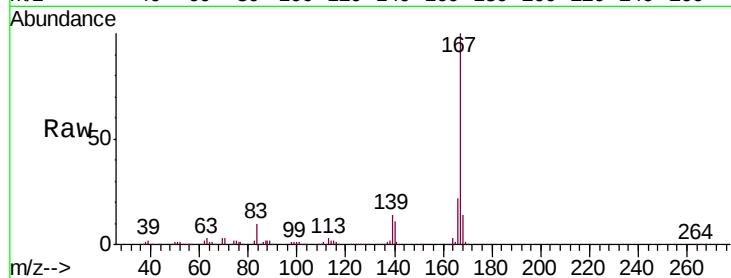




#73
 Carbazole
 Concen: 42.144 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

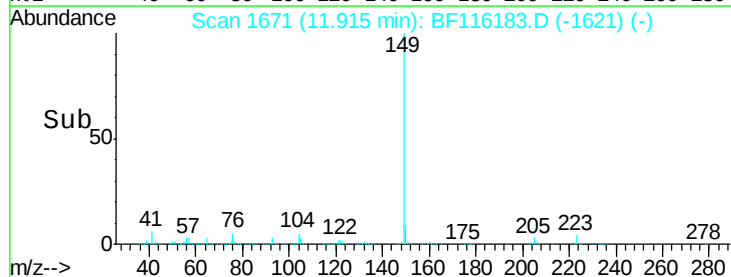
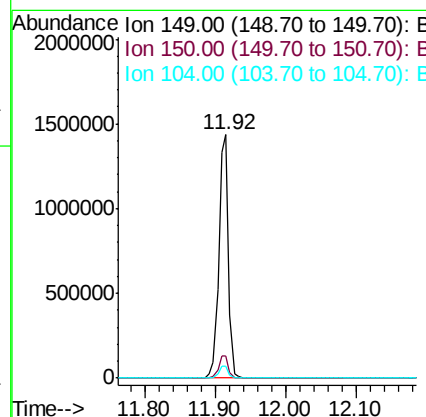
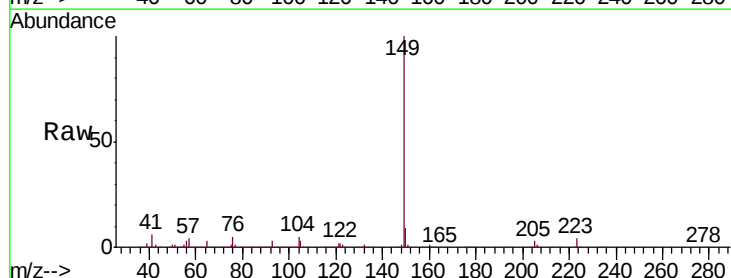
Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

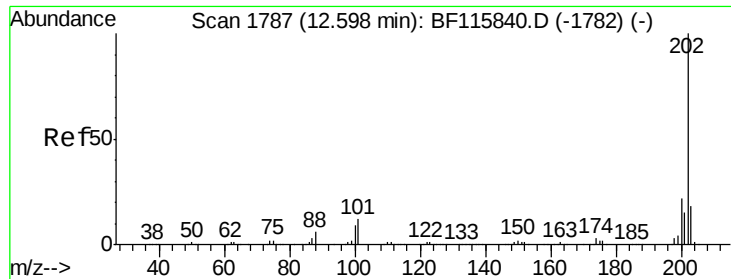
Tgt Ion:167 Resp: 1097413
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.1 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 44.649 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion:149 Resp: 1356267
 Ion Ratio Lower Upper
 149 100
 150 9.3 8.0 12.0
 104 5.0 4.5 6.7





#75

Fluoranthene

Concen: 41.367 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

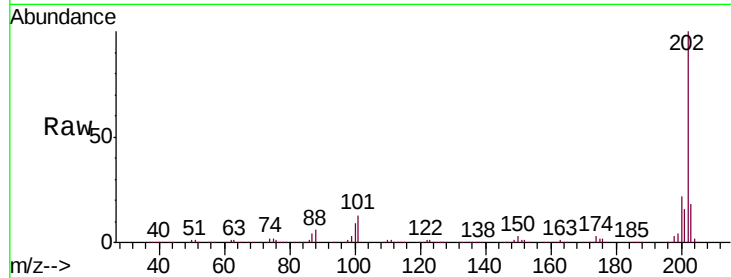
Tgt Ion:202 Resp: 1228197

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.2

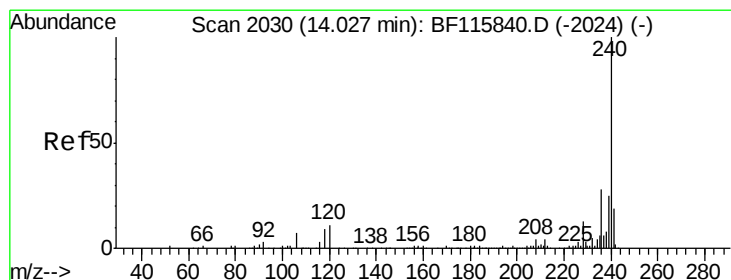
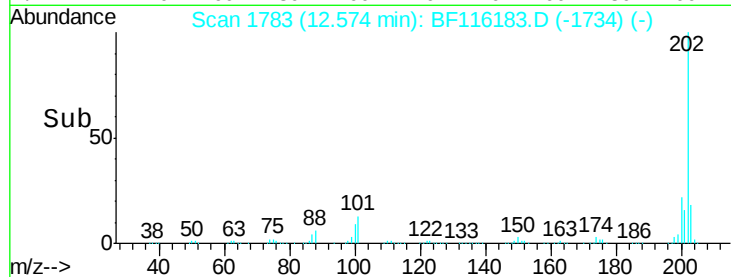
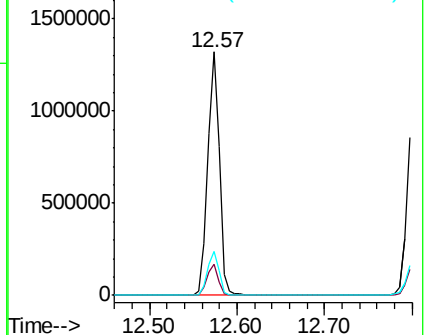
203 18.3 0.0 37.8



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: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

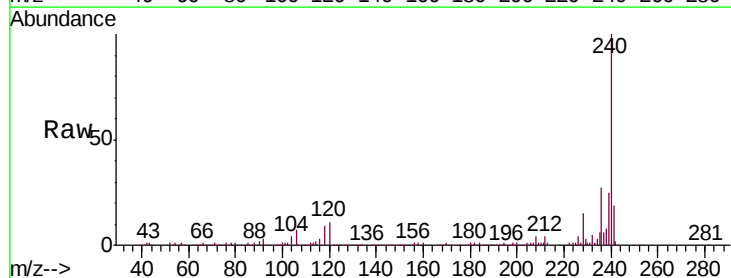
Tgt Ion:240 Resp: 379328

Ion Ratio Lower Upper

240 100

120 10.5 10.7 16.1#

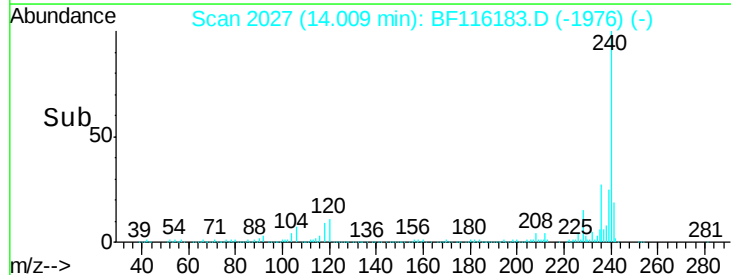
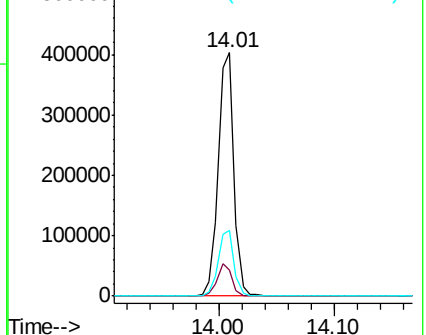
236 27.2 22.2 33.2

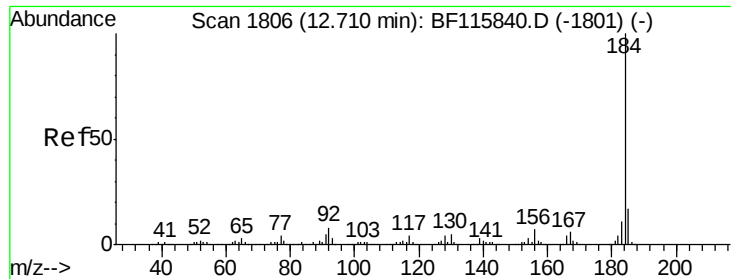


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.752 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

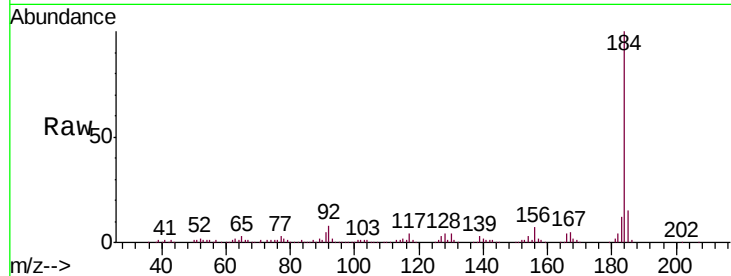
Tgt Ion:184 Resp: 368471

Ion Ratio Lower Upper

184 100

185 14.6 12.8 19.2

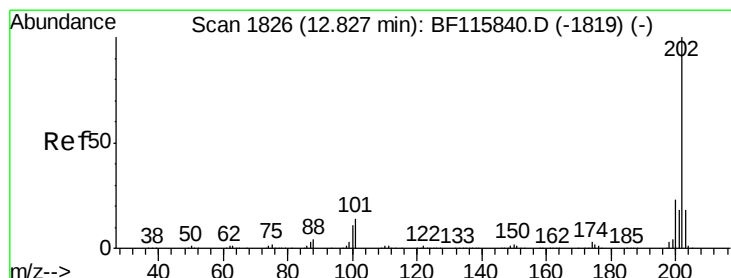
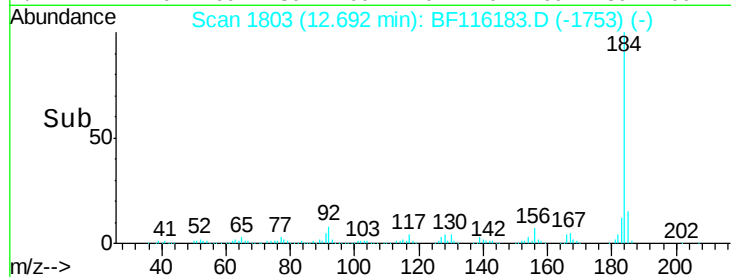
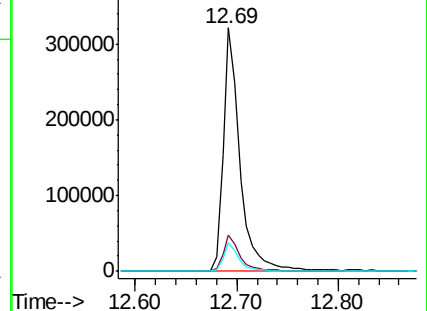
183 11.6 9.4 14.0



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: 43.872 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

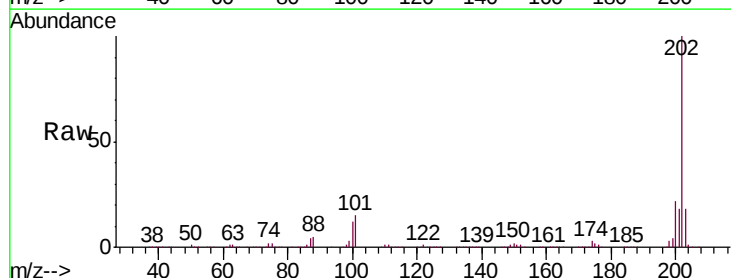
Tgt Ion:202 Resp: 1254492

Ion Ratio Lower Upper

202 100

200 22.3 18.0 27.0

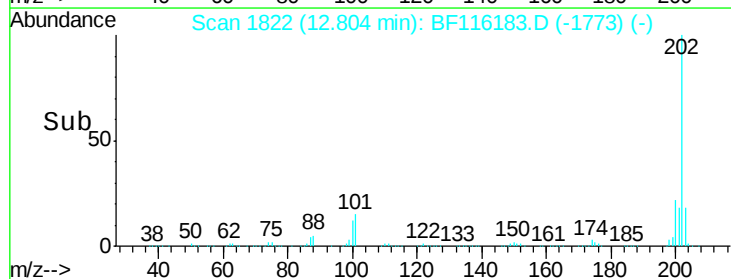
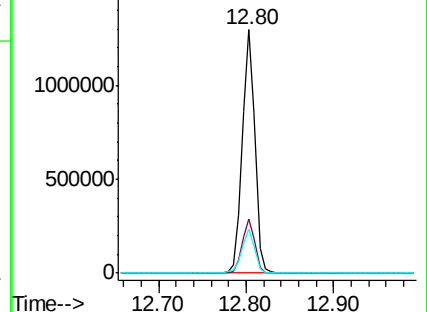
203 17.9 14.1 21.1



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: 84.354 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

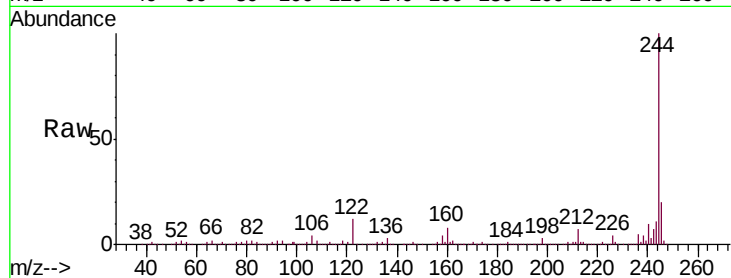
Tgt Ion:244 Resp: 1518520

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

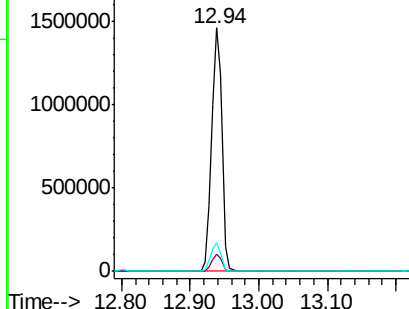
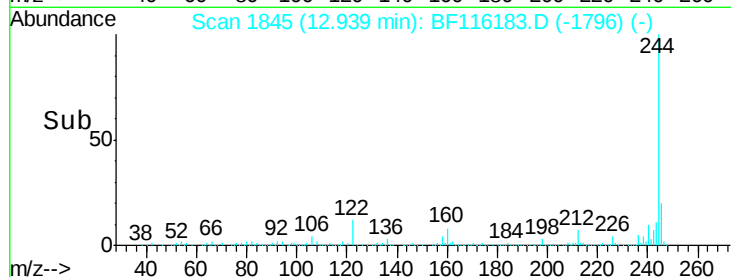
122 11.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.733 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

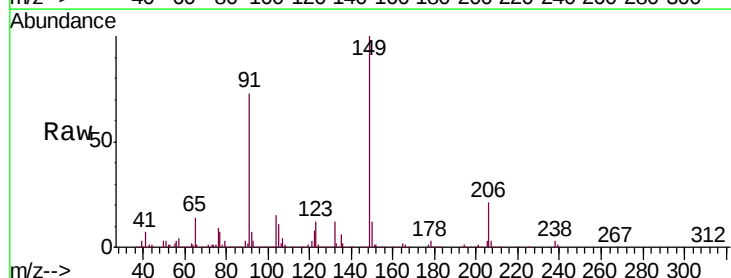
Tgt Ion:149 Resp: 565264

Ion Ratio Lower Upper

149 100

91 73.3 56.3 84.5

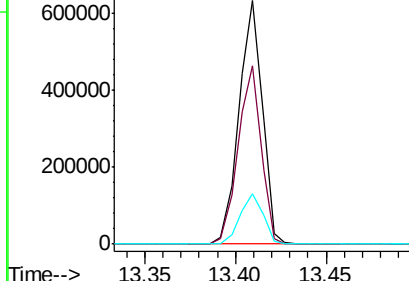
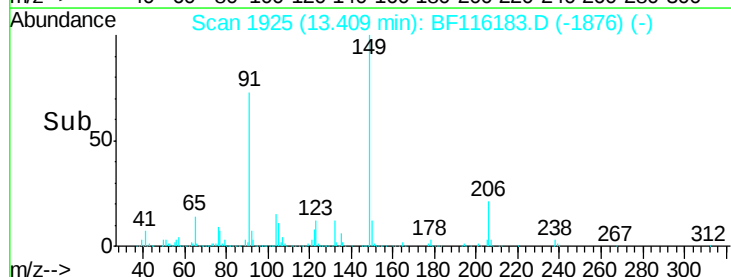
206 20.6 18.0 27.0

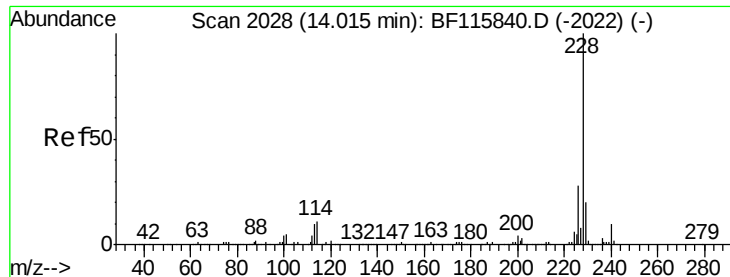


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.267 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

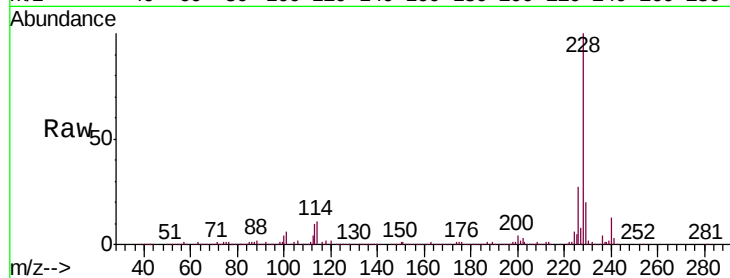
Tgt Ion:228 Resp: 1024779

Ion Ratio Lower Upper

228 100

226 27.4 22.7 34.1

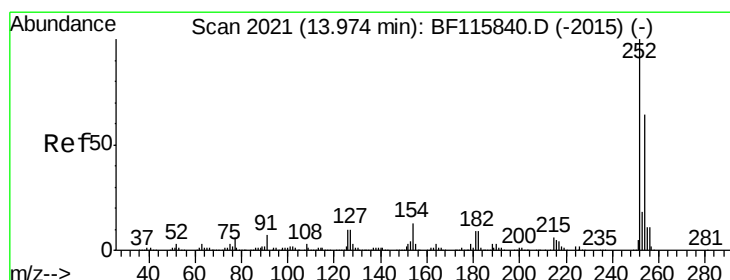
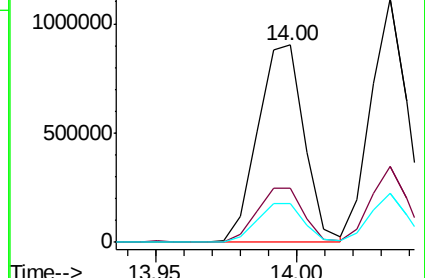
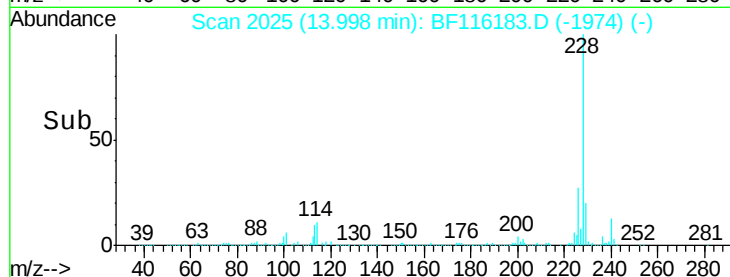
229 19.9 16.2 24.4



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: 37.508 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

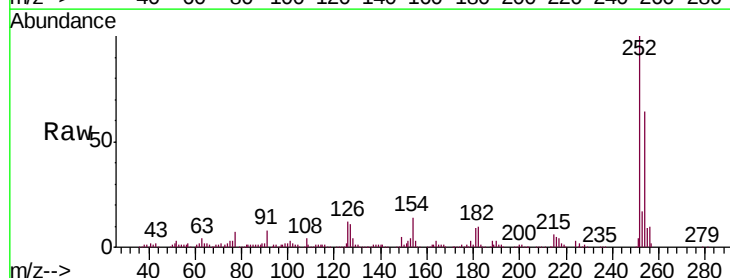
Tgt Ion:252 Resp: 315940

Ion Ratio Lower Upper

252 100

254 63.9 50.9 76.3

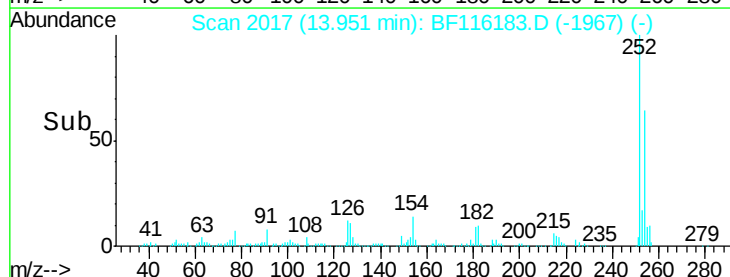
126 11.8 9.8 14.8



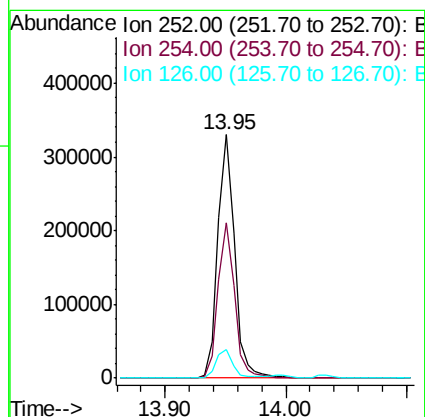
Abundance Ion 252.00 (251.70 to 252.70): E

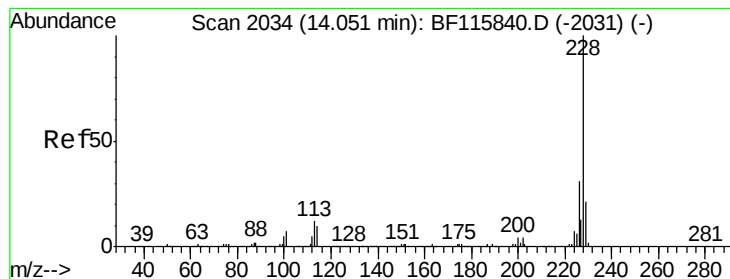
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 42.410 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

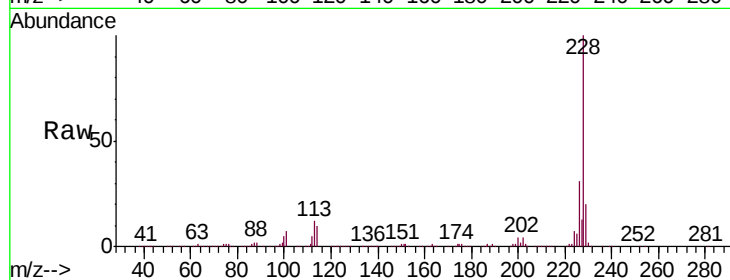
Tgt Ion:228 Resp: 998275

Ion Ratio Lower Upper

228 100

226 31.3 25.5 38.3

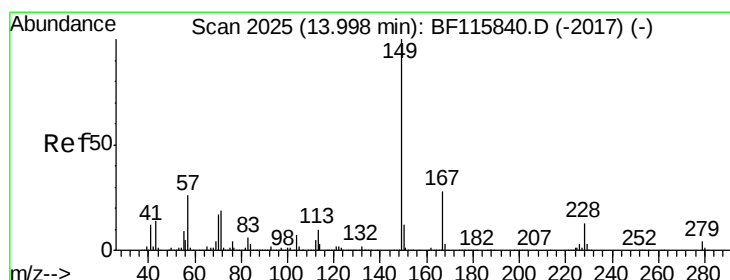
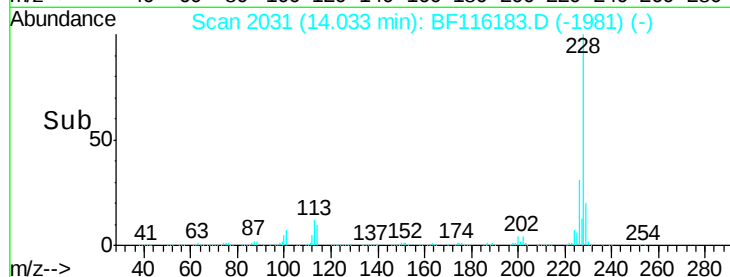
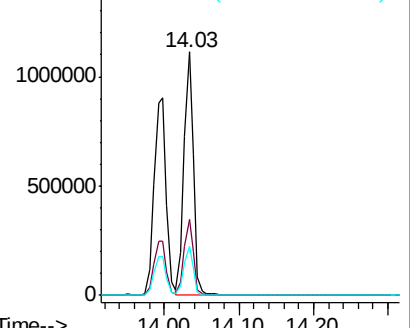
229 20.0 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.585 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

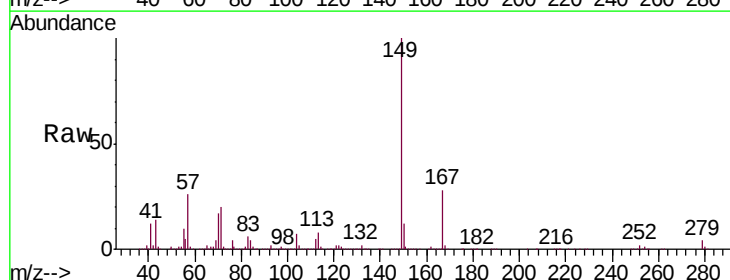
Tgt Ion:149 Resp: 763664

Ion Ratio Lower Upper

149 100

167 28.1 21.6 32.4

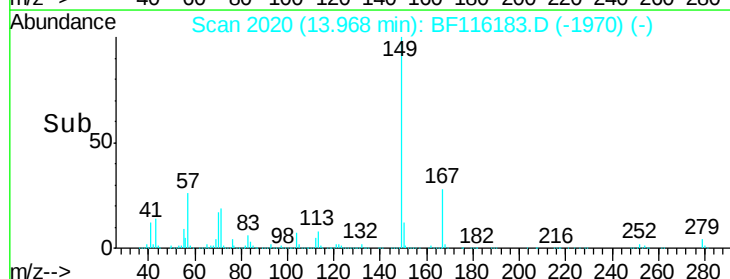
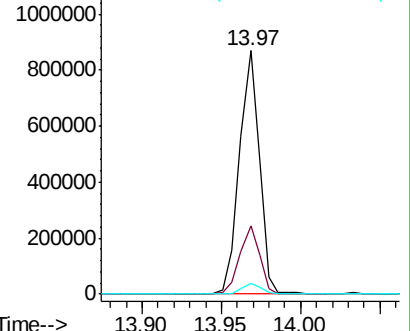
279 4.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

1200000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

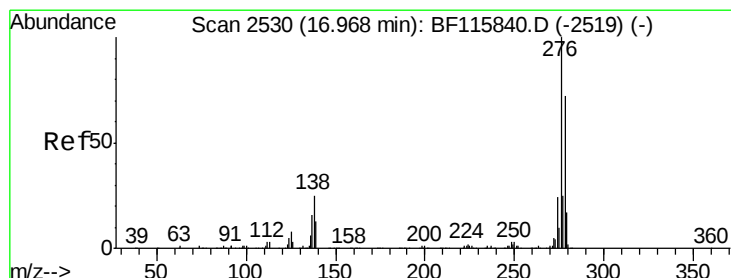
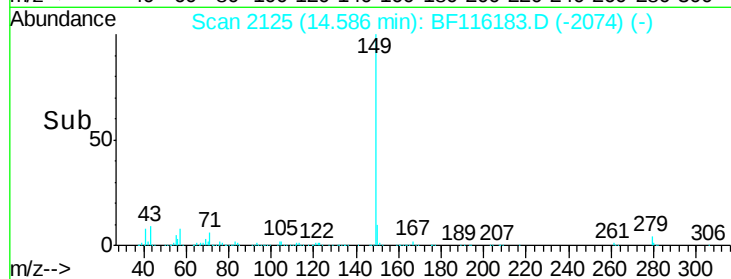
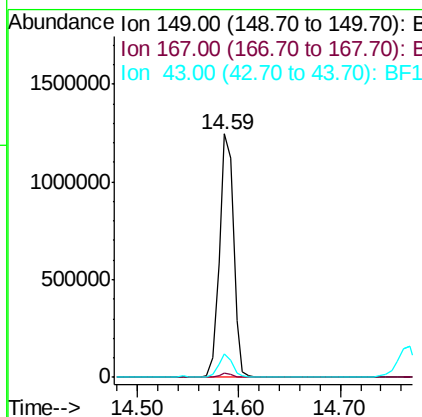
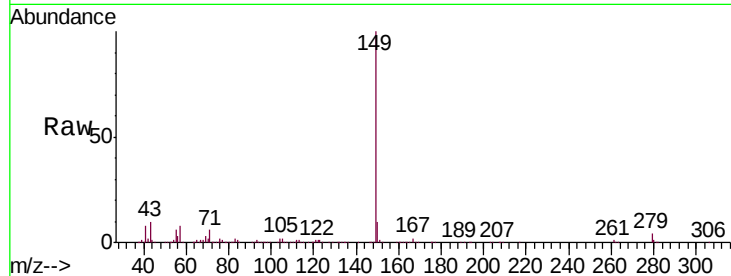




#85
 Di-n-octyl phthalate
 Concen: 48.303 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

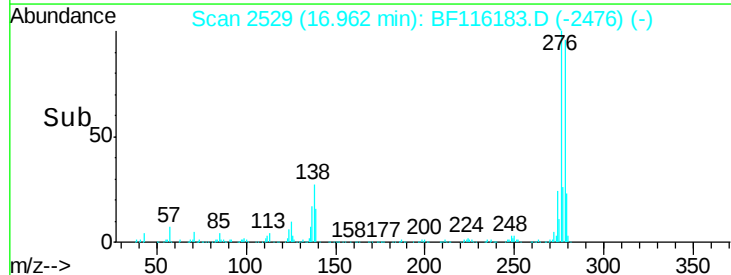
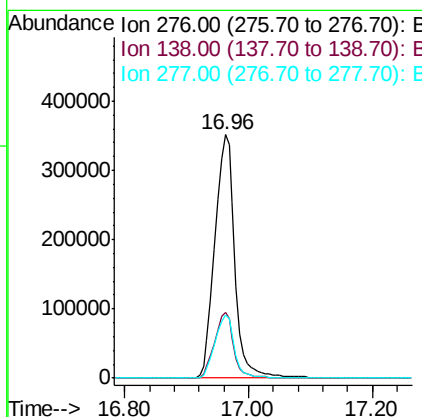
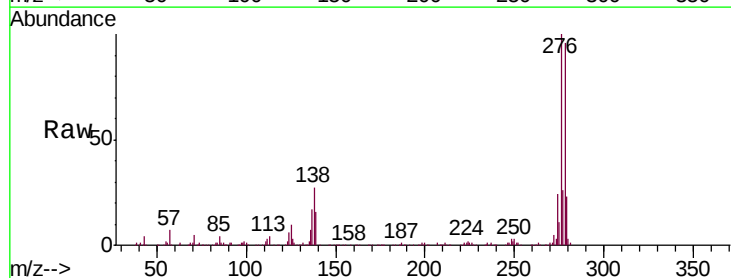
Instrument :
 BNA_F
 ClientSampleId :
 PB122127BS

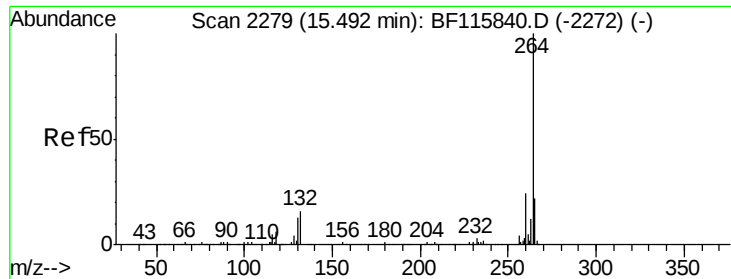
Tgt Ion:149 Resp: 1205926
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 9.0 7.5 11.3



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 39.946 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BF116183.D
 Acq: 12 Aug 2019 11:18

Tgt Ion:276 Resp: 789724
 Ion Ratio Lower Upper
 276 100
 138 25.9 20.4 30.6
 277 25.3 20.0 30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

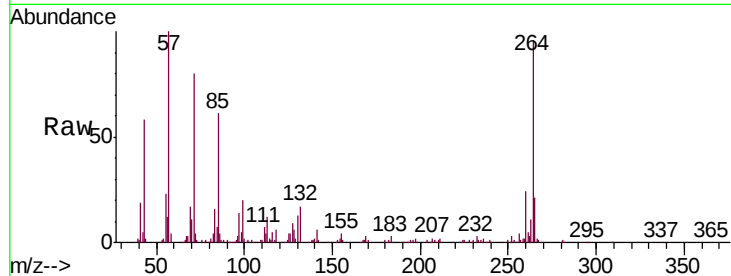
Tgt Ion:264 Resp: 286027

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 22.0 17.4 26.0



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

250000

200000

150000

100000

50000

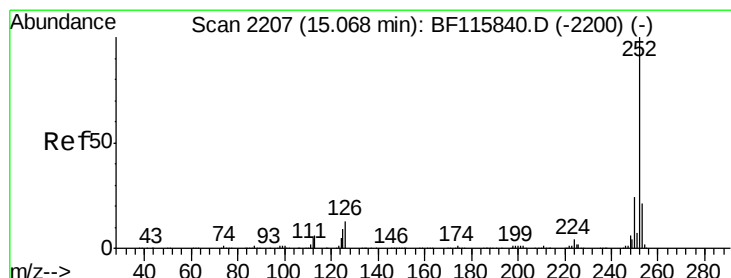
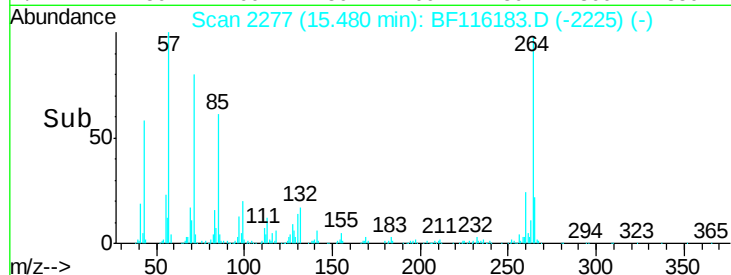
0

15.40

15.50

15.60

Time-->



#88

Benzo(b)fluoranthene

Concen: 52.837 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

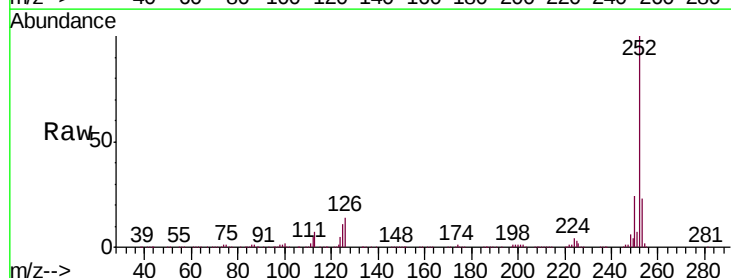
Tgt Ion:252 Resp: 873838

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 10.6 8.4 12.6



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

1000000

800000

600000

400000

200000

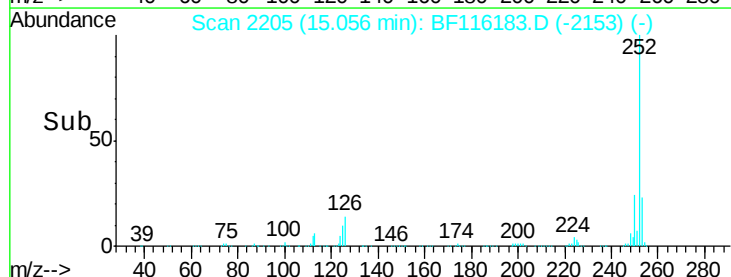
0

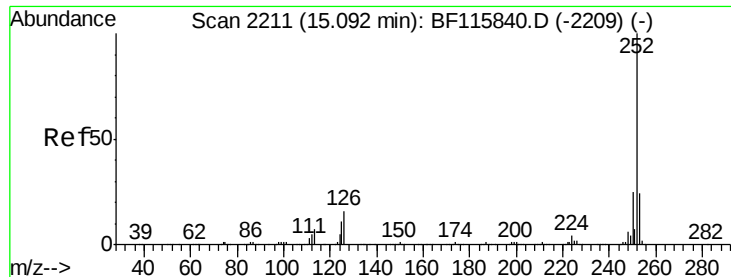
15.00

15.05

15.10

Time-->

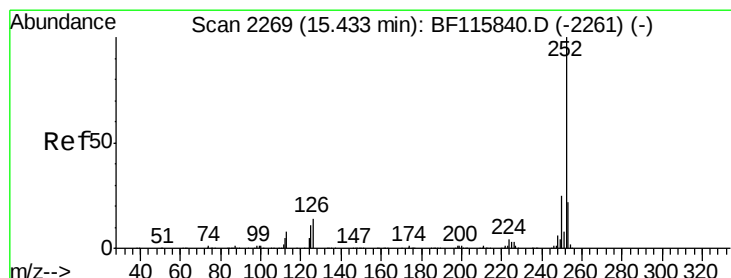
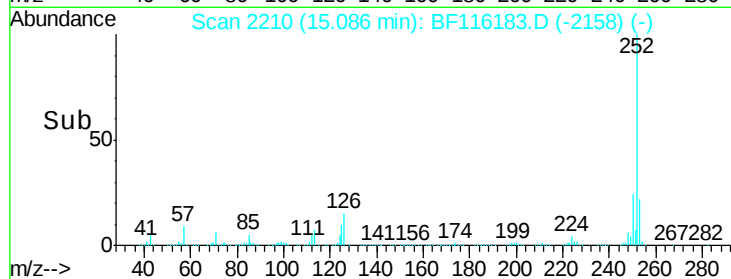
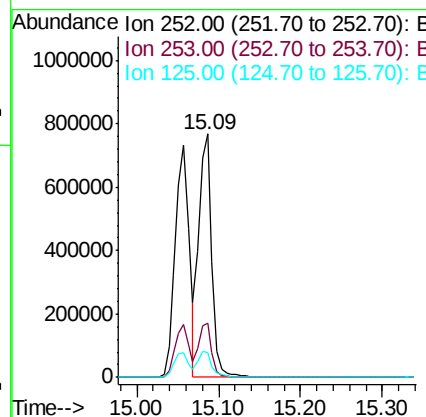
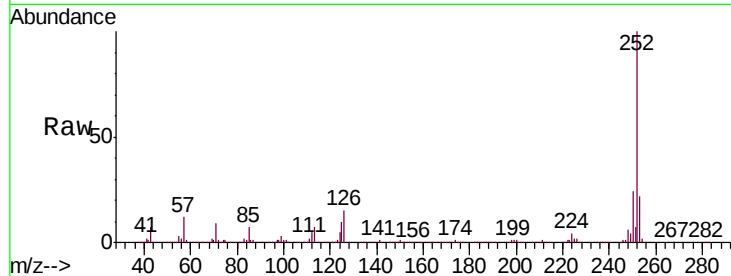




#89
Benzo(k)fluoranthene
Concen: 52.470 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

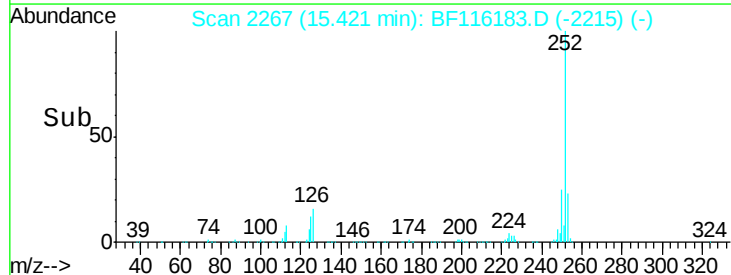
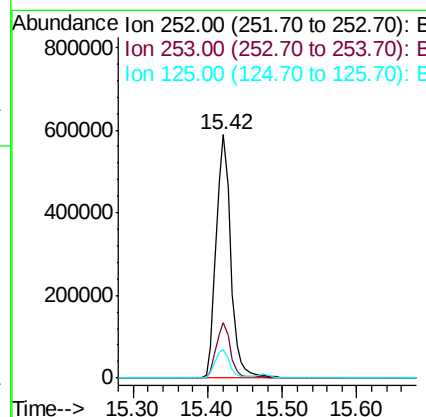
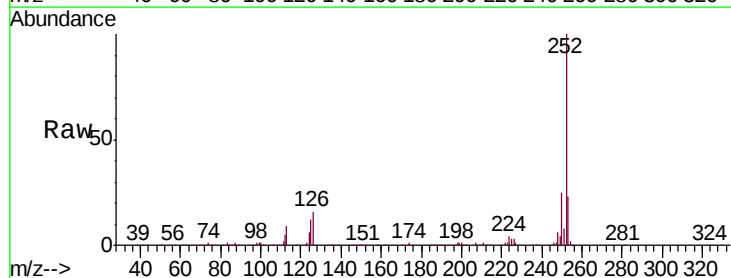
Instrument :
BNA_F
ClientSampleId :
PB122127BS

Tgt Ion:252 Resp: 845226
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 54.358 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF116183.D
Acq: 12 Aug 2019 11:18

Tgt Ion:252 Resp: 803635
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 11.9 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 52.203 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB122127BS

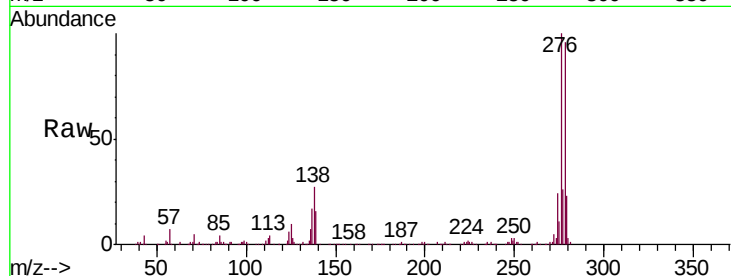
Tgt Ion:278 Resp: 668050

Ion Ratio Lower Upper

278 100

139 17.1 12.8 19.2

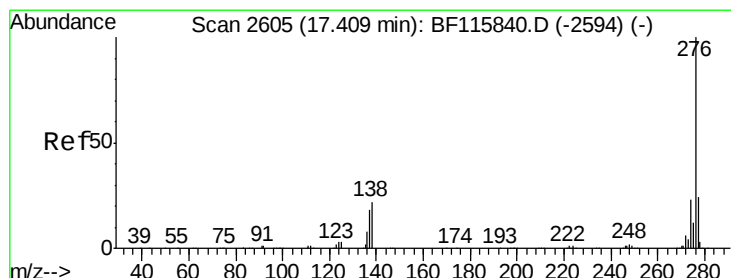
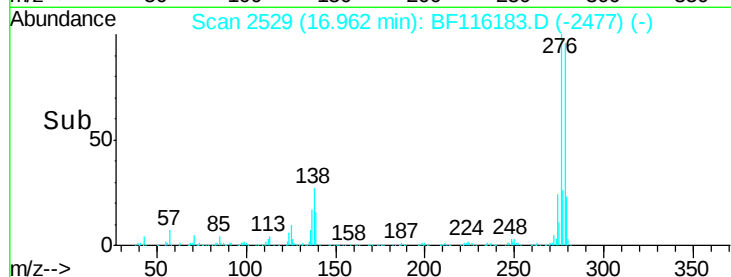
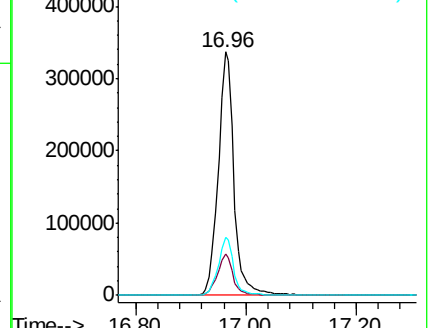
279 23.6 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.990 ng

RT: 17.40 min Scan# 2604

Delta R.T. 0.02 min

Lab File: BF116183.D

Acq: 12 Aug 2019 11:18

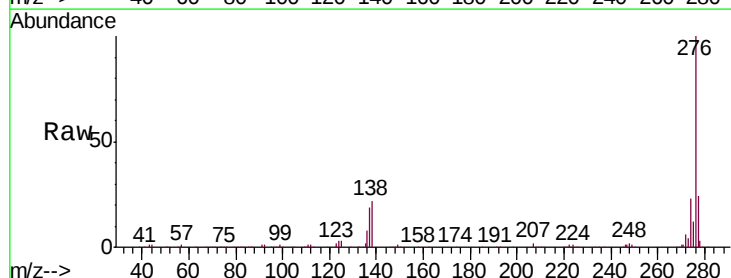
Tgt Ion:276 Resp: 665981

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 21.7 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

