

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118085.D
 Acq On : 4 Dec 2019 14:40
 Operator : JU
 Sample : PB125225BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:38:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	190280	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	783619	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	400532	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	824220	20.00	ng	0.00
76) Chrysene-d12	14.08	240	509365	20.00	ng	0.00
87) Perylene-d12	15.57	264	399119	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1141304	106.17	ng	0.02
7) Phenol-d6	6.52	99	1486338	114.64	ng	0.00
23) Nitrobenzene-d5	7.45	82	848010	64.33	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	628706	148.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1726261	77.32	ng	0.00
79) Terphenyl-d14	13.02	244	1973849	70.82	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.73	88	166150	33.066	ng	99
3) Pyridine	3.49	79	402925	30.569	ng	99
4) n-Nitrosodimethylamine	3.43	42	206139	35.827	ng	89
6) Aniline	6.54	93	467090	27.261	ng	99
8) 2-Chlorophenol	6.67	128	533929	45.775	ng	99
9) Benzaldehyde	6.43	77	178869	17.491	ng	98
10) Phenol	6.53	94	600930	44.601	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	457061	42.244	ng	96
12) 1,3-Dichlorobenzene	6.82	146	577183	42.031	ng	99
13) 1,4-Dichlorobenzene	6.90	146	600496	43.261	ng	98
14) 1,2-Dichlorobenzene	7.05	146	580889	43.757	ng	99
15) Benzyl Alcohol	7.02	79	470749	47.027	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	583920	35.053	ng	99
17) 2-Methylphenol	7.13	107	457521	46.318	ng	99
18) Hexachloroethane	7.39	117	216556	42.469	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	340900	42.618	ng	98
20) 3+4-Methylphenols	7.29	107	531452	43.342	ng	97
22) Acetophenone	7.29	105	712451	40.467	ng	# 95
24) Nitrobenzene	7.46	77	566145	41.631	ng	98
25) Isophorone	7.70	82	997872	41.301	ng	99
26) 2-Nitrophenol	7.78	139	333585	50.398	ng	99
27) 2,4-Dimethylphenol	7.82	122	493643	47.995	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	650573	42.433	ng	99
29) 2,4-Dichlorophenol	8.03	162	482017	43.205	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	536950	41.493	ng	98
31) Naphthalene	8.19	128	1614994	44.208	ng	99
32) Benzoic acid	7.95	122	339587	39.432	ng	99
33) 4-Chloroaniline	8.23	127	408565	24.982	ng	99
34) Hexachlorobutadiene	8.30	225	308282	40.745	ng	98
35) Caprolactam	8.62	113	90410	25.498	ng	93
36) 4-Chloro-3-methylphenol	8.73	107	518331	45.779	ng	93
37) 2-Methylnaphthalene	8.89	142	1123476	45.516	ng	98
38) 1-Methylnaphthalene	8.99	142	1051132	45.044	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	481232	41.372	ng	99

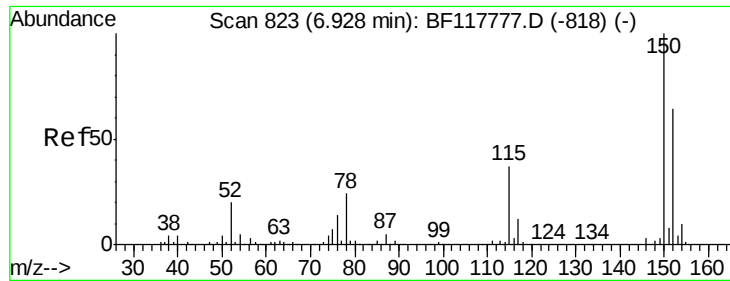
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118085.D
 Acq On : 4 Dec 2019 14:40
 Operator : JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	431021	66.123	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	368538	44.235	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	379026	43.816	ng	98
46) 1,1'-Biphenyl	9.35	154	1358082	45.702	ng	99
47) 2-Chloronaphthalene	9.37	162	1038502	42.482	ng	99
48) 2-Nitroaniline	9.47	65	301403	40.839	ng	92
49) Acenaphthylene	9.80	152	1650836	46.319	ng	99
50) Dimethylphthalate	9.65	163	1260384	44.874	ng	99
51) 2,6-Dinitrotoluene	9.72	165	284953	46.421	ng	94
52) Acenaphthene	9.97	154	915874	40.115	ng	99
53) 3-Nitroaniline	9.89	138	202719	27.599	ng	99
54) 2,4-Dinitrophenol	10.00	184	268181	84.573	ng	97
55) Dibenzofuran	10.14	168	1458695	46.138	ng	99
56) 4-Nitrophenol	10.06	139	440817	80.401	ng	97
57) 2,4-Dinitrotoluene	10.13	165	384049	49.183	ng	96
58) Fluorene	10.49	166	1113205	45.437	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	304211	42.801	ng	98
60) Diethylphthalate	10.36	149	1269868	46.374	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	564950	45.438	ng	94
62) 4-Nitroaniline	10.50	138	292261	39.739	ng	96
63) Azobenzene	10.63	77	1114937	44.755	ng	98
65) 4,6-Dinitro-2-methylphenol	10.54	198	200435	52.091	ng	96
66) n-Nitrosodiphenylamine	10.59	169	1035519	43.170	ng	97
67) 4-Bromophenyl-phenylether	10.97	248	345723	38.875	ng	92
68) Hexachlorobenzene	11.04	284	410855	39.620	ng	95
69) Atrazine	11.12	200	339174	42.984	ng	100
70) Pentachlorophenol	11.23	266	459861	75.904	ng	98
71) Phenanthrene	11.45	178	1798666	43.405	ng	98
72) Anthracene	11.50	178	1771356	43.114	ng	99
73) Carbazole	11.66	167	1460182	40.670	ng	99
74) Di-n-butylphthalate	11.99	149	1940710	43.414	ng	99
75) Fluoranthene	12.65	202	1528937	39.617	ng	99
77) Benzidine	12.76	184	220623	13.223	ng	98
78) Pyrene	12.87	202	1717672	41.727	ng	99
80) Butylbenzylphthalate	13.49	149	719164	40.676	ng	98
81) Benzo(a)anthracene	14.07	228	1376363	40.891	ng	100
82) 3,3'-Dichlorobenzidine	14.03	252	366385	31.118	ng	100
83) Chrysene	14.11	228	1372516	42.081	ng	99
84) Bis(2-ethylhexyl)phthalate	14.05	149	968931	45.204	ng	99
85) Di-n-octyl phthalate	14.66	149	1695086	53.830	ng	99
86) Indeno(1,2,3-cd)pyrene	17.10	276	1279229	46.083	ng	98
88) Benzo(b)fluoranthene	15.13	252	1423192	54.884	ng	99
89) Benzo(k)fluoranthene	15.17	252	1279396	52.364	ng	99
90) Benzo(a)pyrene	15.52	252	1107270	48.560	ng	100
91) Dibenzo(a,h)anthracene	17.12	278	1088733	55.473	ng	99
92) Benzo(g,h,i)perylene	17.56	276	1067771	54.622	ng	98

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

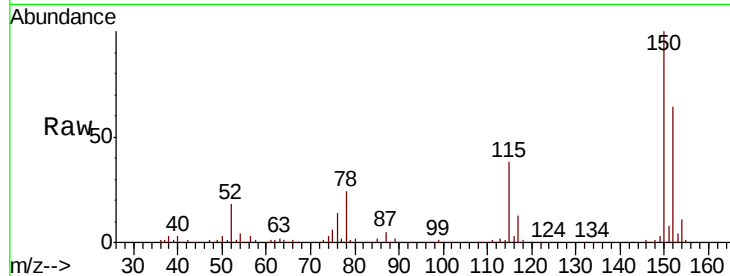


#1

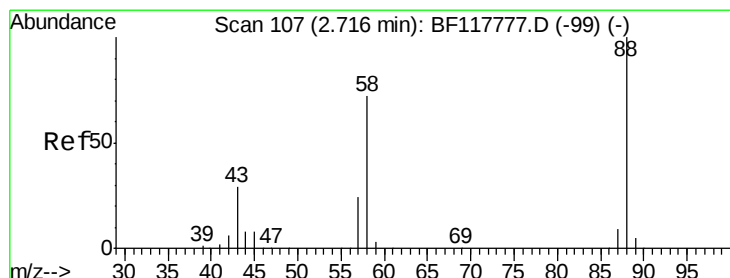
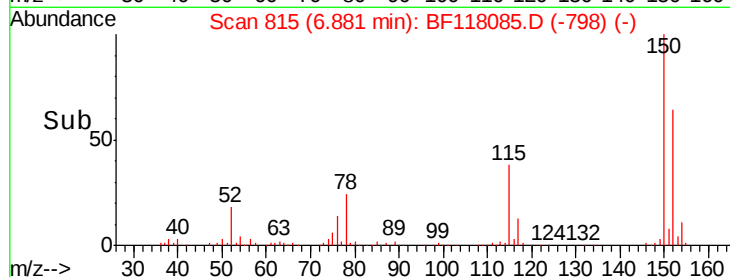
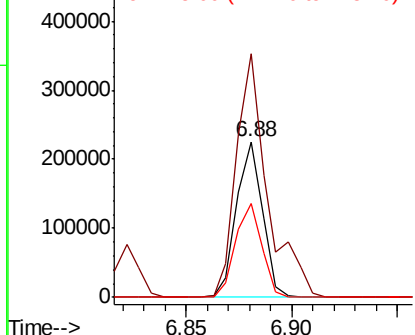
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 190280
Ion Ratio Lower Upper
152 100
150 156.3 121.4 182.2
115 59.8 48.8 73.2



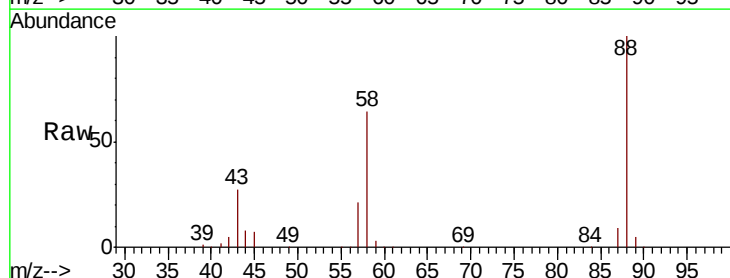
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



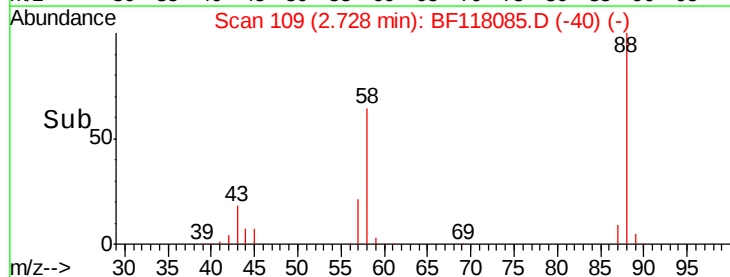
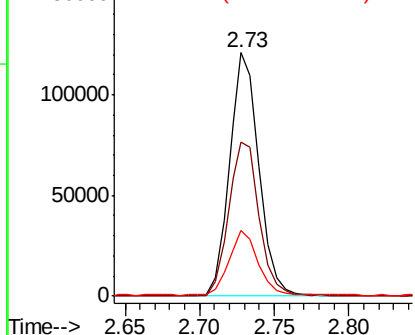
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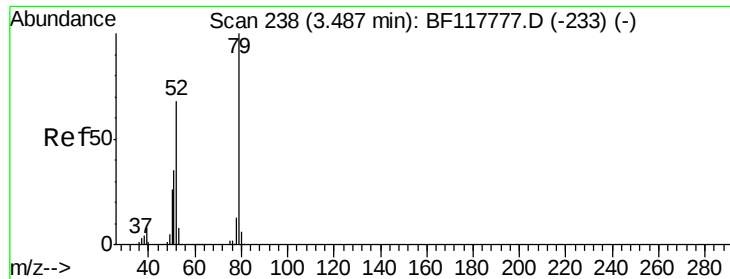
1,4-Dioxane
Concen: 33.066 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.11 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion: 88 Resp: 166150
Ion Ratio Lower Upper
88 100
58 66.2 52.6 78.8
43 26.2 21.8 32.6



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





#3

Pvridine

Concen: 30.569 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.11 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

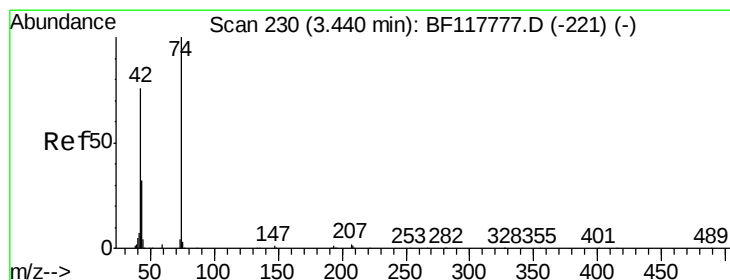
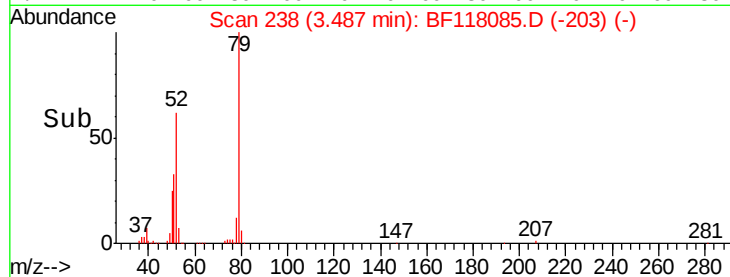
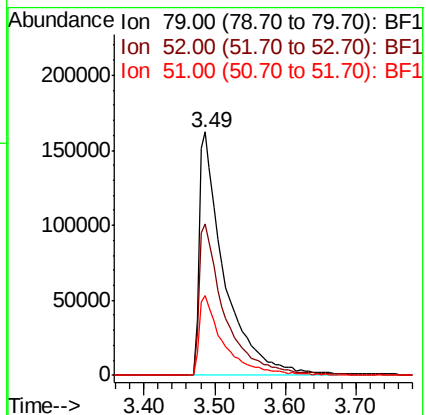
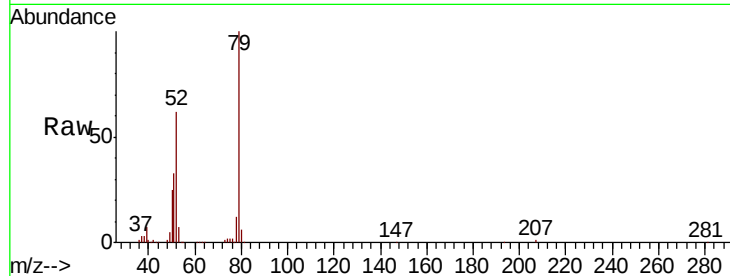
Tot Ion: 79 Resp: 402925

Ion Ratio Lower Upper

79 100

52 62.2 50.6 75.8

51 32.7 26.8 40.2



#4

n-Nitrosodimethylamine

Concen: 35.827 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.10 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

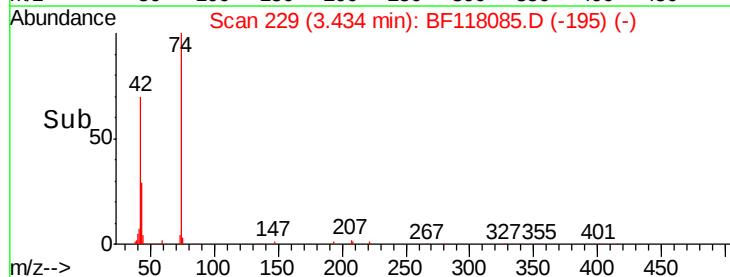
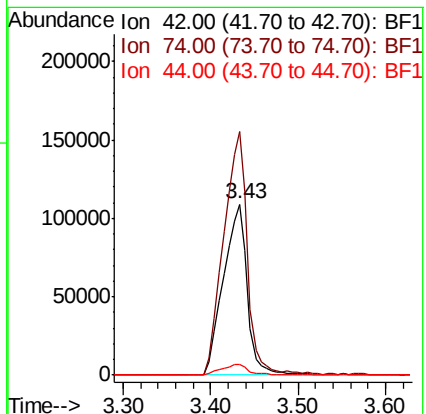
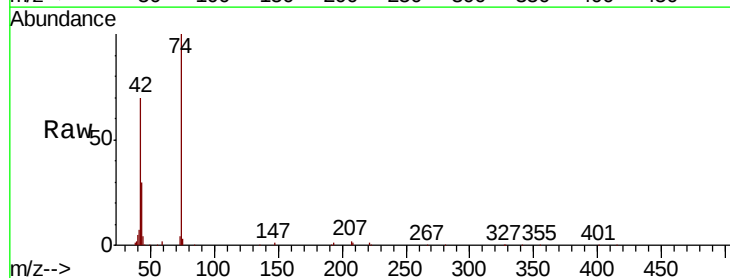
Tgt Ion: 42 Resp: 206139

Ion Ratio Lower Upper

42 100

74 142.3 102.8 154.2

44 6.1 4.7 7.1





#5

2-Fluorophenol

Concen: 106.171 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

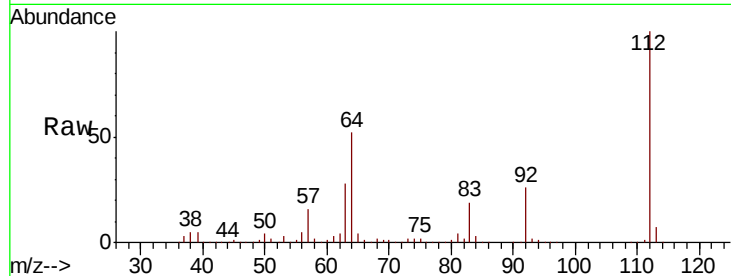
Tot Ion:112 Resp: 1141304

Ion Ratio Lower Upper

112 100

64 51.6 45.1 67.7

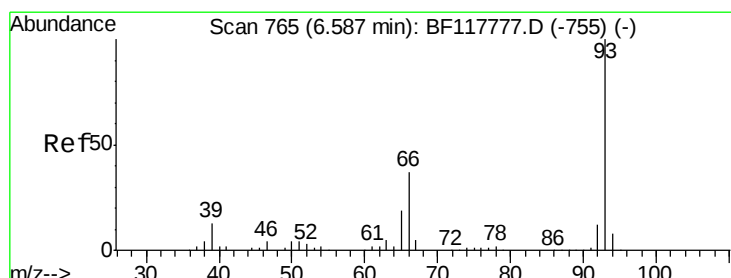
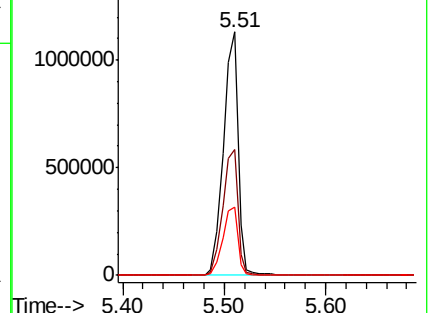
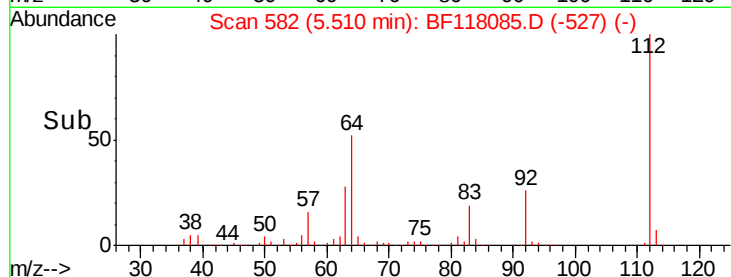
63 28.1 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.261 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

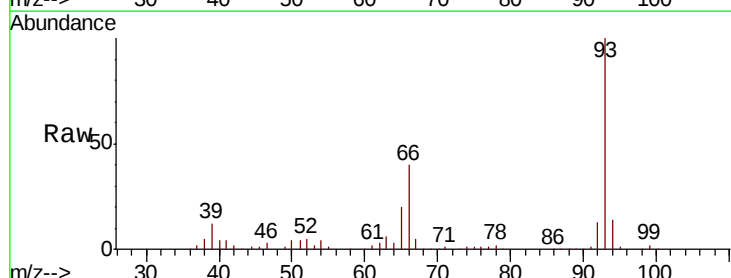
Tgt Ion: 93 Resp: 467090

Ion Ratio Lower Upper

93 100

66 39.5 31.0 46.6

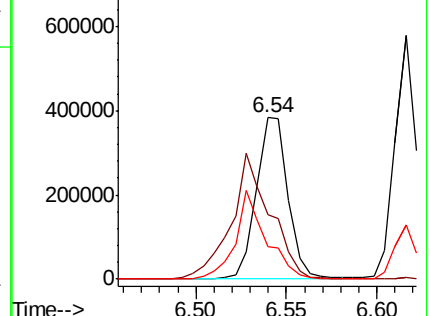
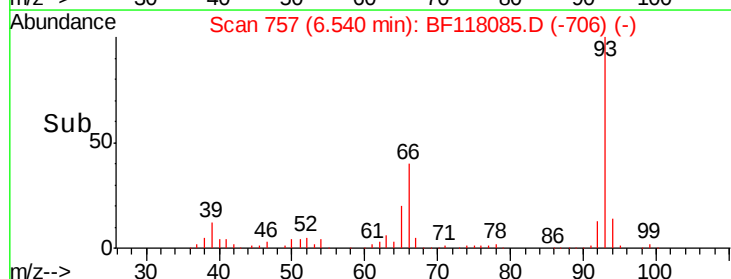
65 20.4 15.8 23.8

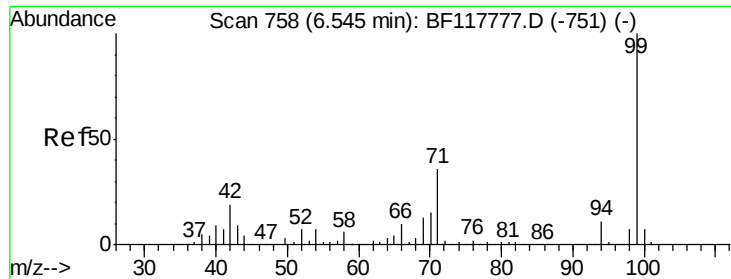


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.635 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

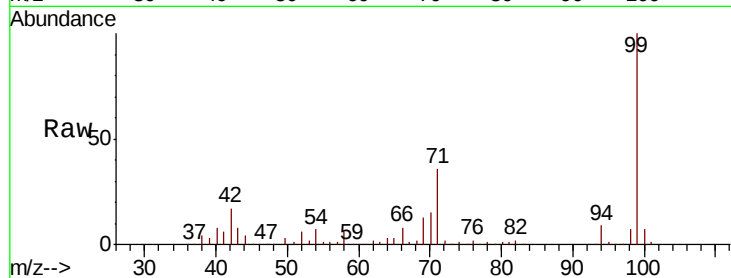
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1486338

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.0	21.0
71	36.2	29.2	43.8

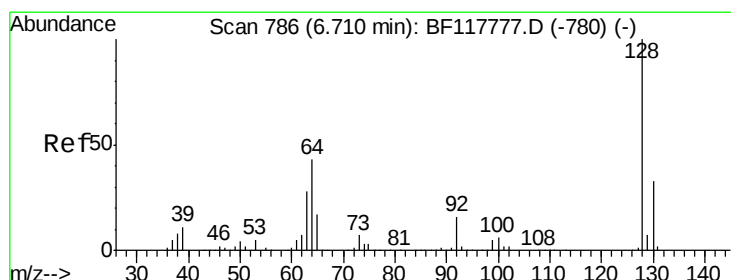
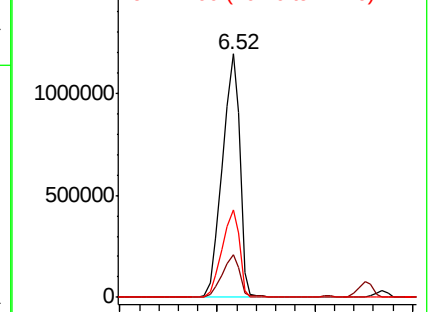
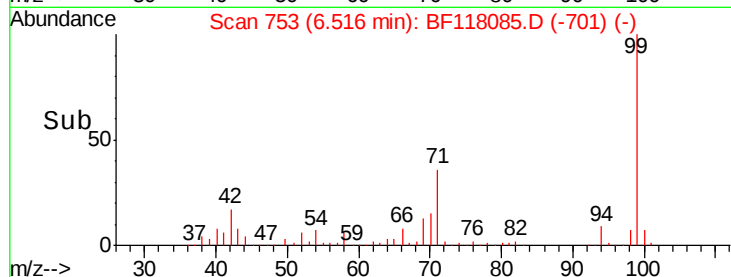


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.775 ng

RT: 6.67 min Scan# 779

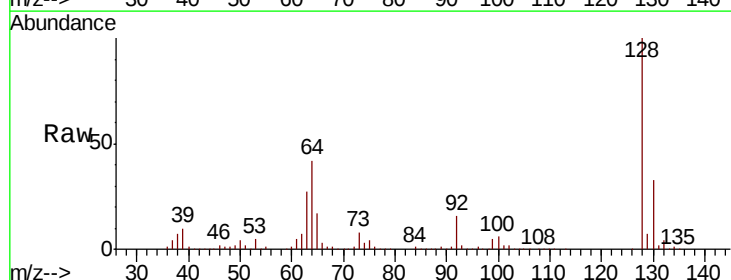
Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Tgt Ion: 128 Resp: 533929

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.4	52.4
64	42.3	23.2	63.2

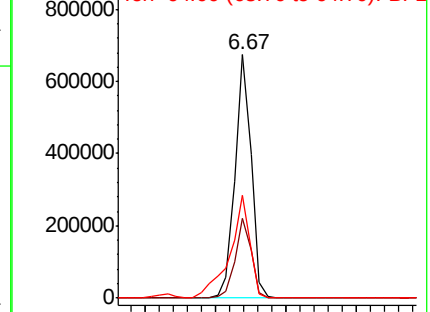
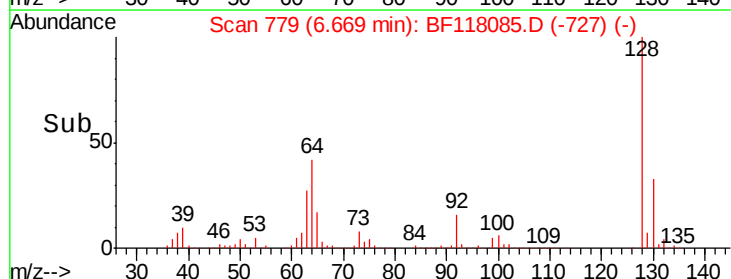


Abundance

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

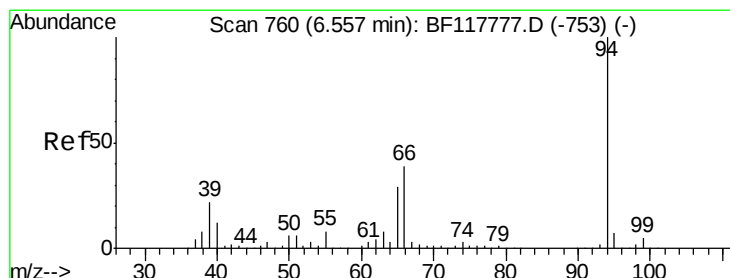
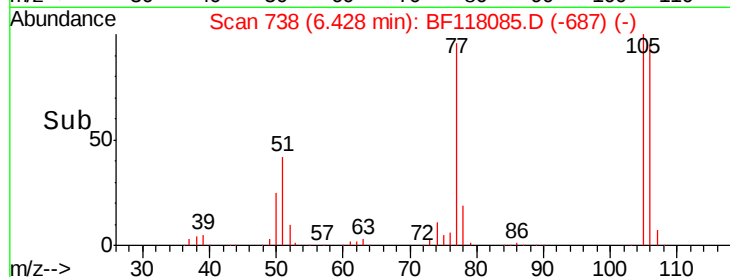
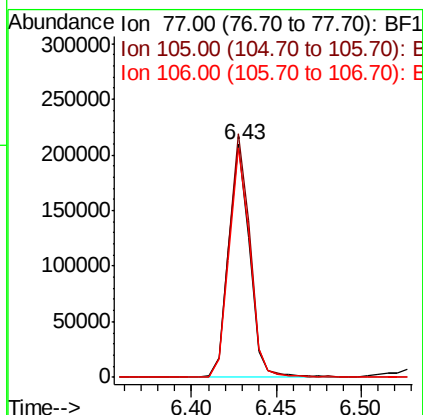
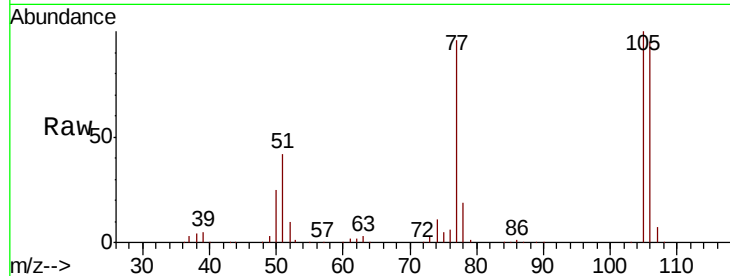




#9
Benzaldehyde
Concen: 17.491 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

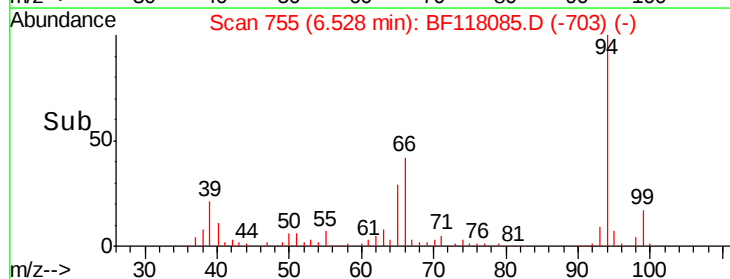
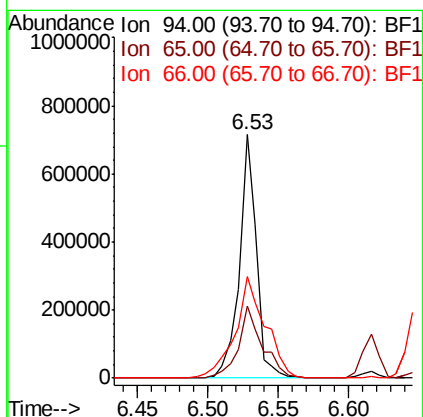
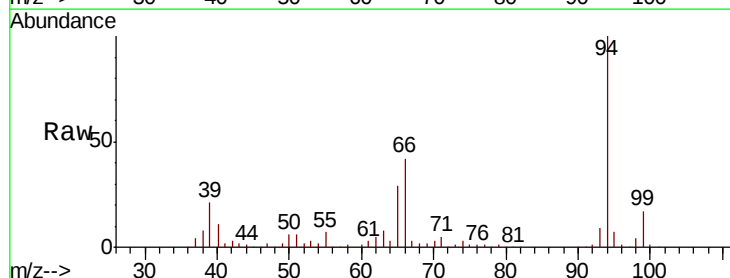
Instrument :
BNA_F
ClientSampled :

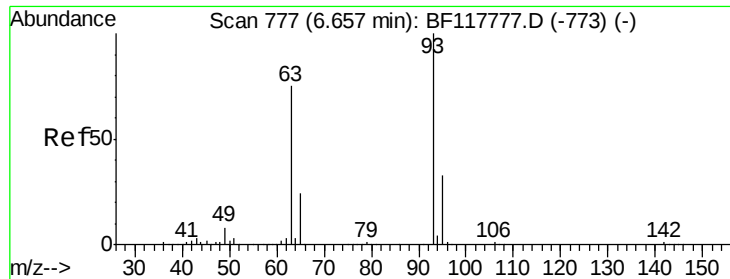
Tot Ion: 77 Resp: 178869
Ion Ratio Lower Upper
77 100
105 104.5 83.3 123.3
106 98.8 80.9 120.9



#10
Phenol
Concen: 44.601 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion: 94 Resp: 600930
Ion Ratio Lower Upper
94 100
65 29.4 6.9 46.9
66 41.8 18.6 58.6

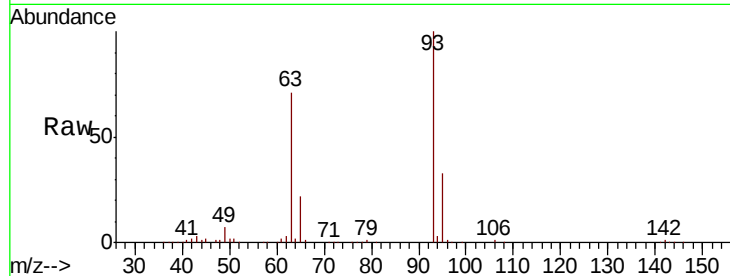




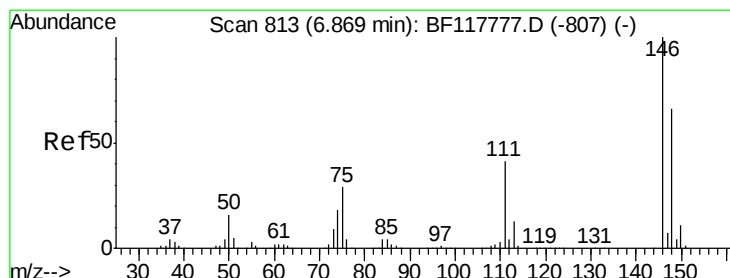
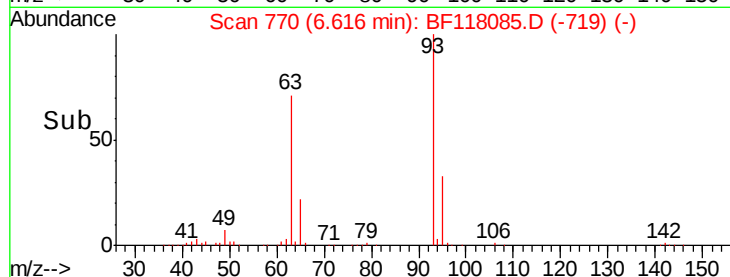
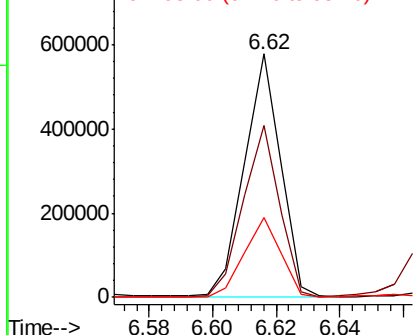
#11
bis(2-Chloroethyl)ether
Concen: 42.244 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 457061
Ion Ratio Lower Upper
93 100
63 70.8 46.8 86.8
95 32.7 12.0 52.0

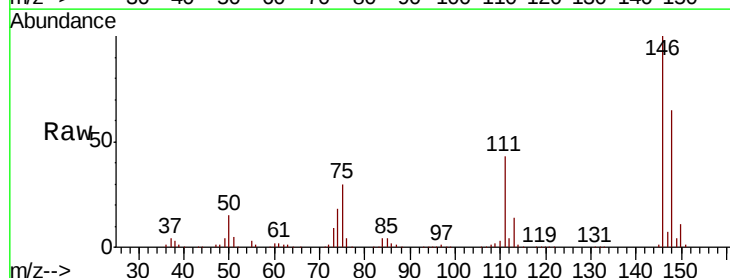


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

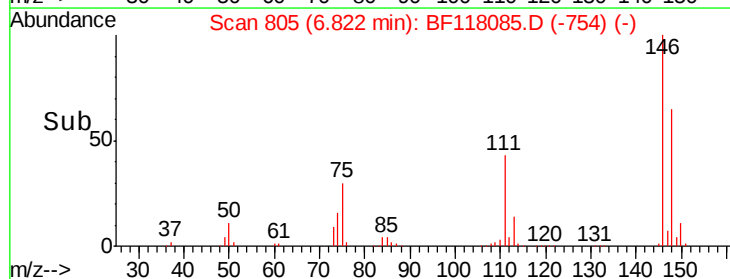
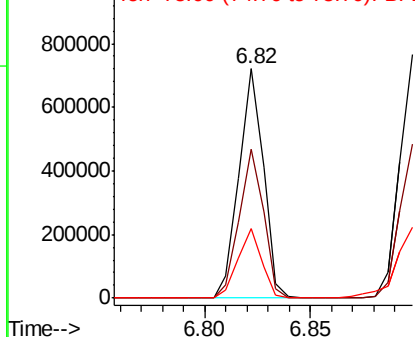


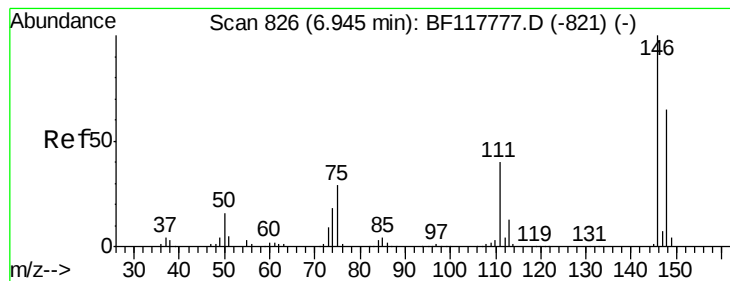
#12
1,3-Dichlorobenzene
Concen: 42.031 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion: 146 Resp: 577183
Ion Ratio Lower Upper
146 100
148 65.1 52.7 79.1
75 30.2 24.5 36.7



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: 43.261 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampled :

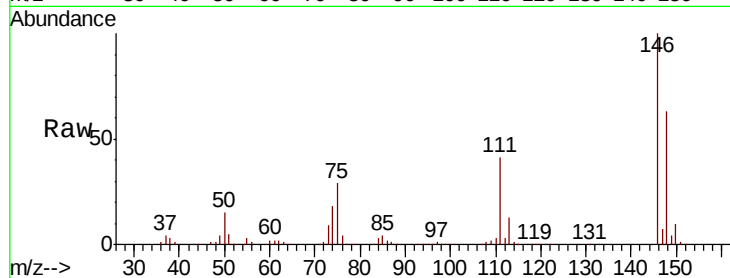
Tot Ion:146 Resp: 600496

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

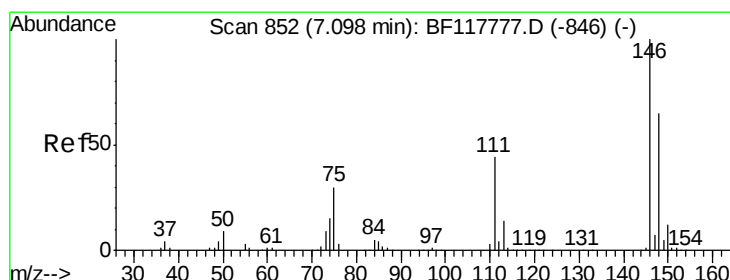
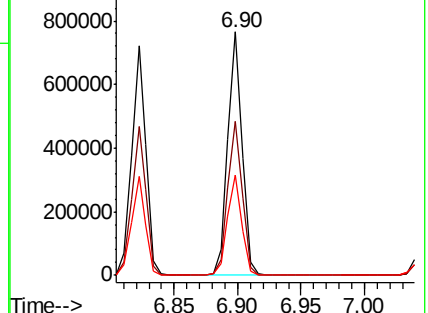
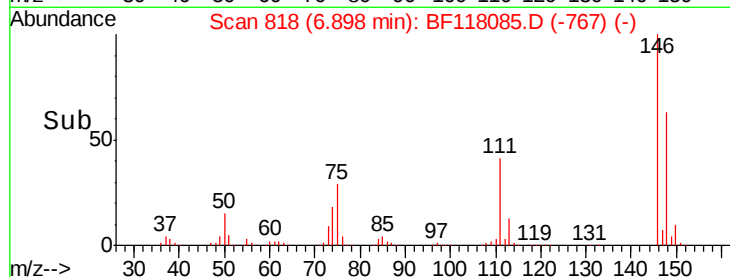
111 41.0 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.757 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

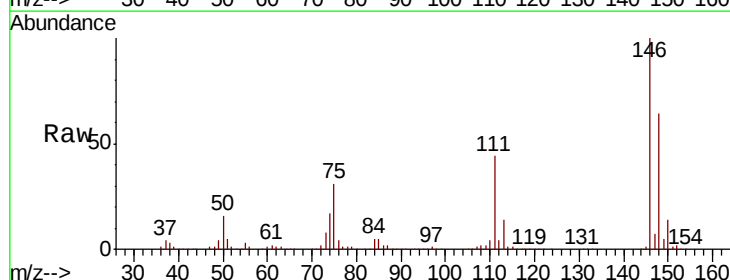
Tgt Ion:146 Resp: 580889

Ion Ratio Lower Upper

146 100

148 64.4 51.6 77.4

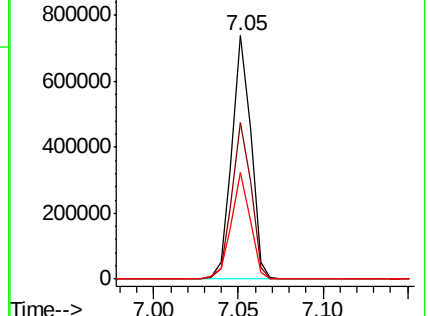
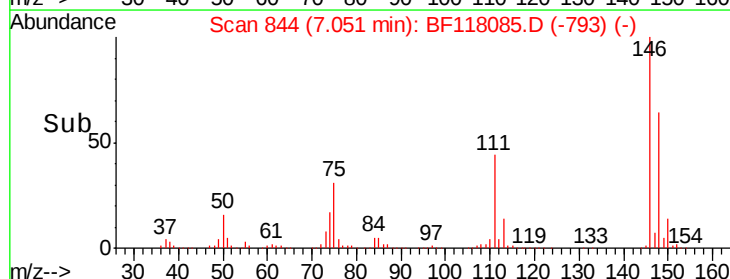
111 43.7 35.8 53.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.027 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

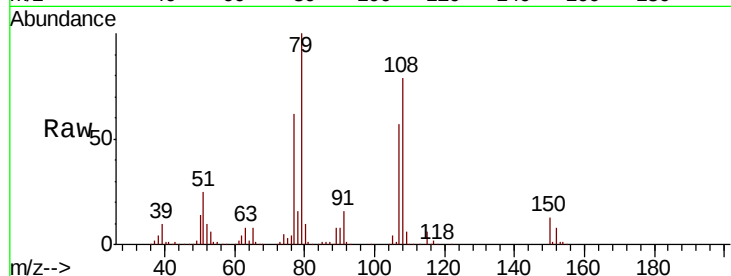
Tot Ion: 79 Resp: 470749

Ion Ratio Lower Upper

79 100

108 79.4 63.1 94.7

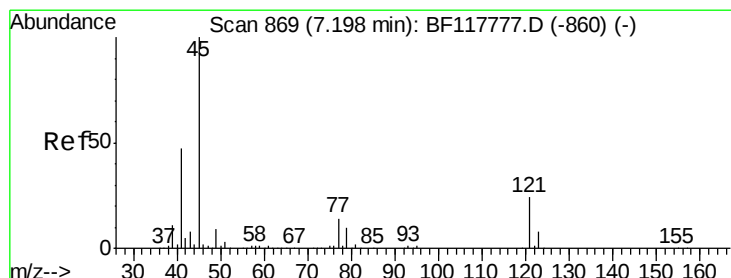
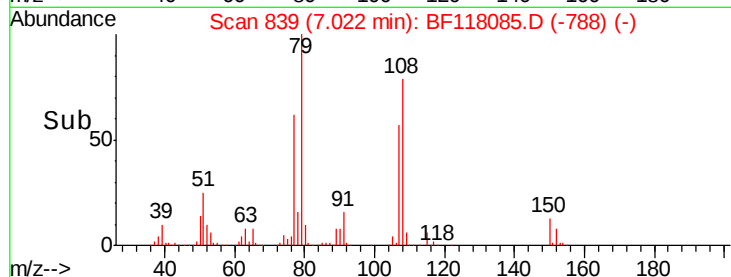
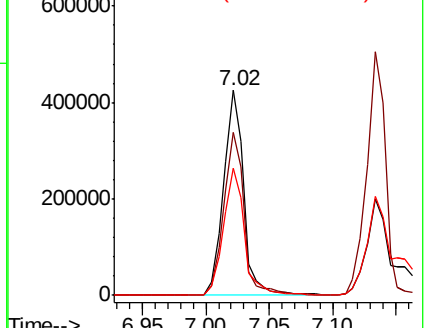
77 62.1 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.053 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

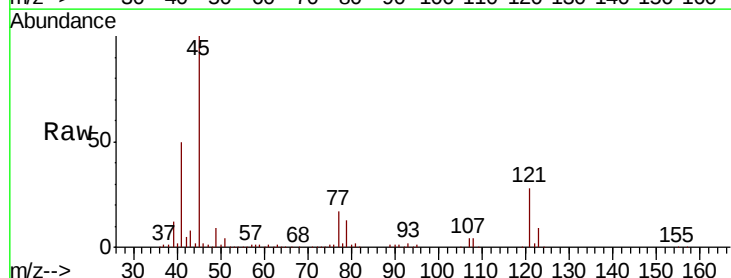
Tgt Ion: 45 Resp: 583920

Ion Ratio Lower Upper

45 100

77 17.5 0.0 36.8

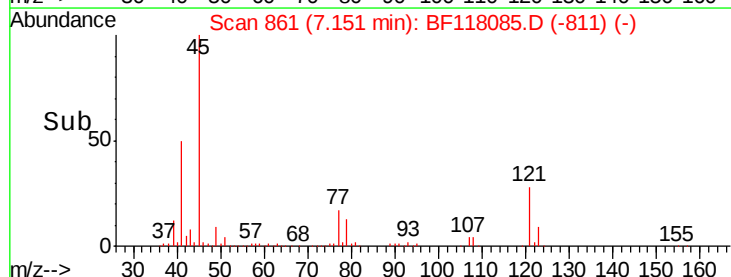
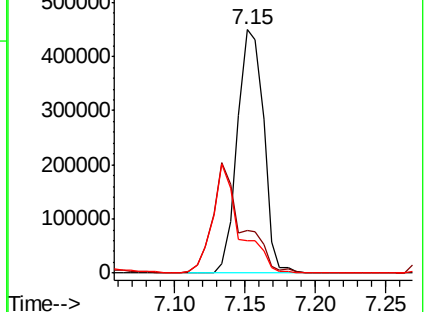
79 13.2 0.0 33.5

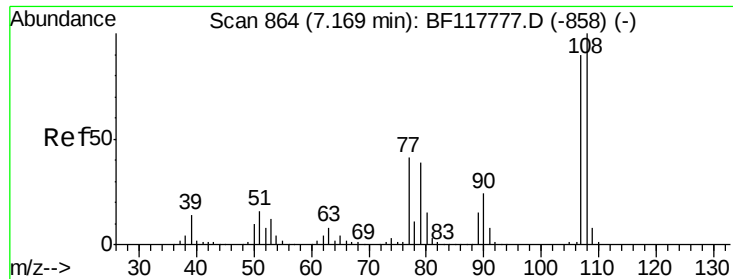


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

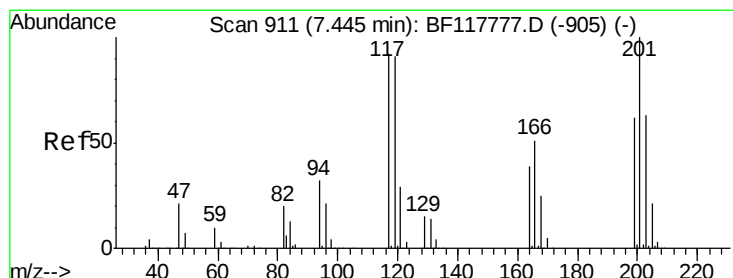
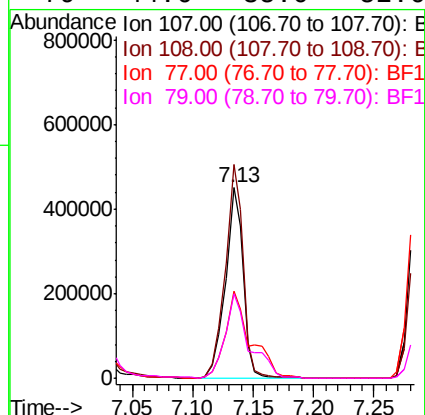
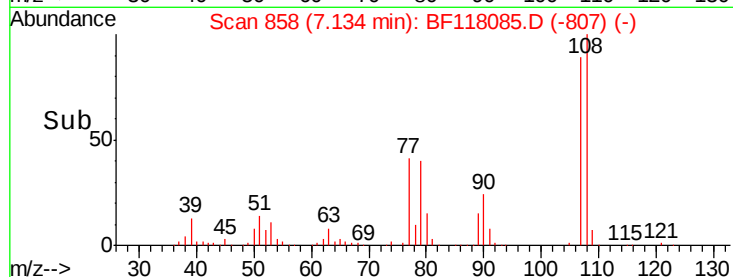
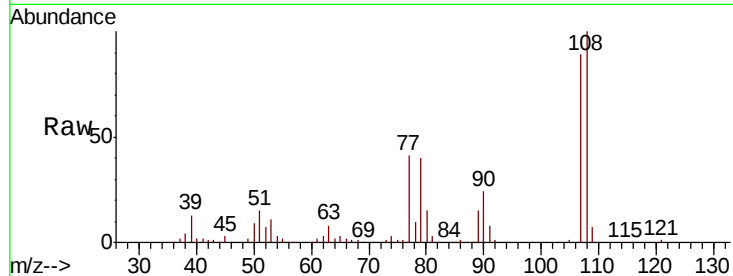




#17
2-Methylphenol
Concen: 46.318 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

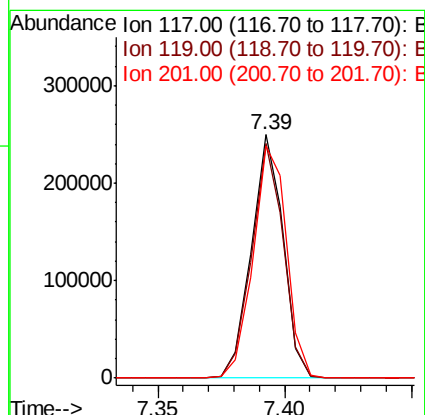
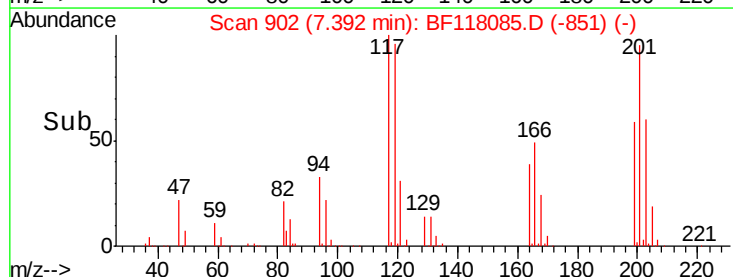
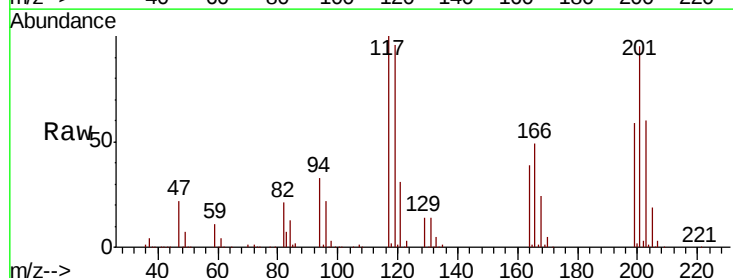
Instrument :
BNA_F
ClientSampleId :

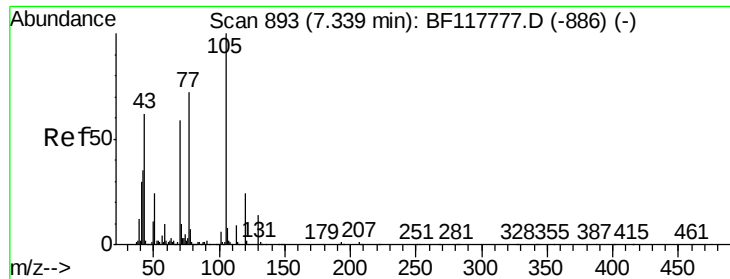
Tot Ion:107 Resp: 457521
Ion Ratio Lower Upper
107 100
108 112.1 89.8 134.8
77 45.5 35.0 52.6
79 44.6 35.0 52.6



#18
Hexachloroethane
Concen: 42.469 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:117 Resp: 216556
Ion Ratio Lower Upper
117 100
119 96.4 76.4 114.6
201 95.5 71.7 107.5

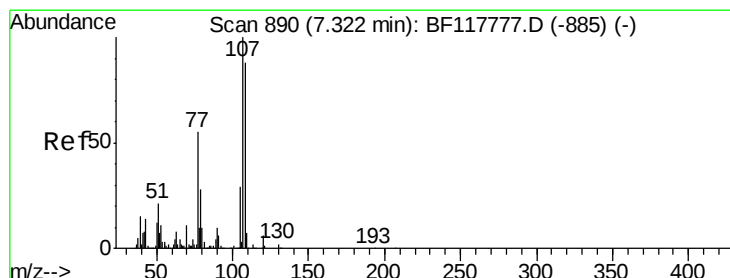
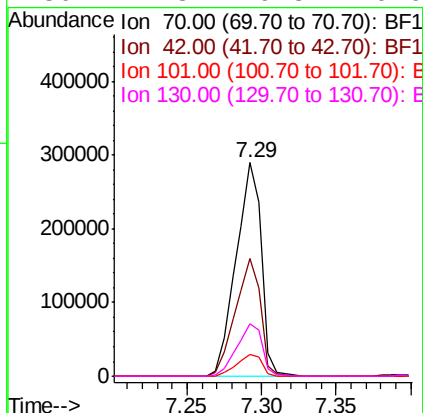
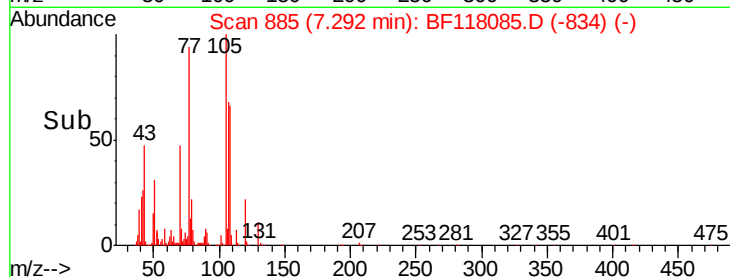
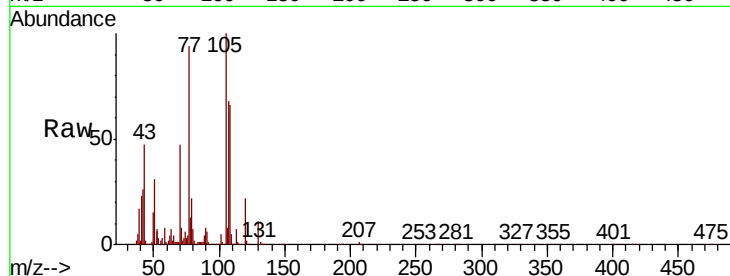




#19
n-Nitroso-di-n-propylamine
Concen: 42.618 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

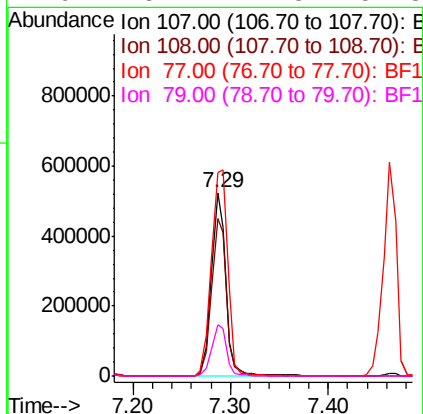
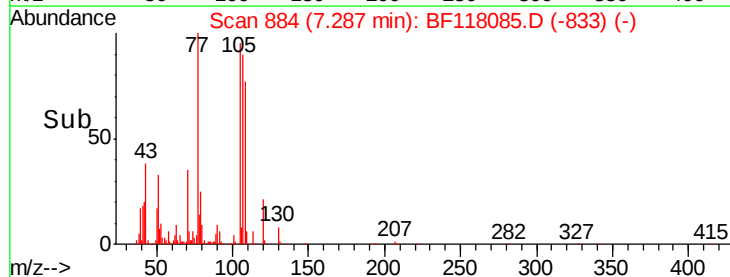
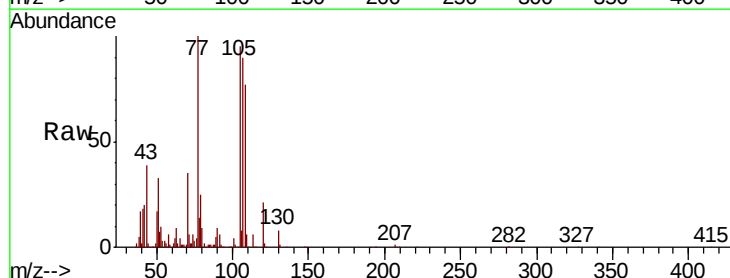
Instrument :
BNA_F
ClientSampleId :

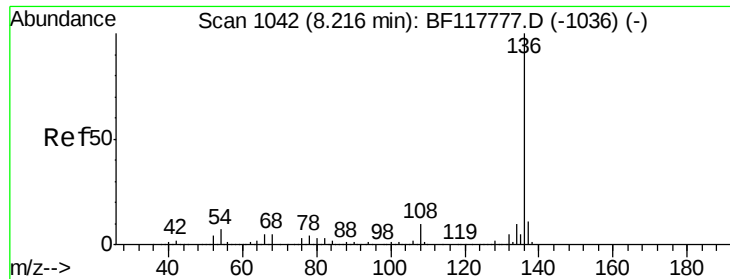
Tot Ion: 70 Resp: 340900
Ion Ratio Lower Upper
70 100
42 55.2 46.0 69.0
101 9.9 8.8 13.2
130 24.3 19.8 29.6



#20
3+4-Methylphenols
Concen: 43.342 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion: 107 Resp: 531452
Ion Ratio Lower Upper
107 100
108 86.1 71.9 111.9
77 111.1 91.6 131.6
79 28.2 11.3 51.3

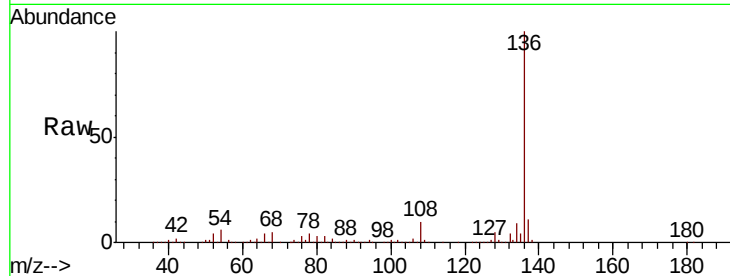




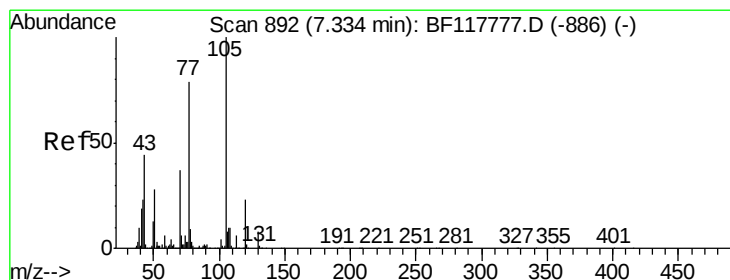
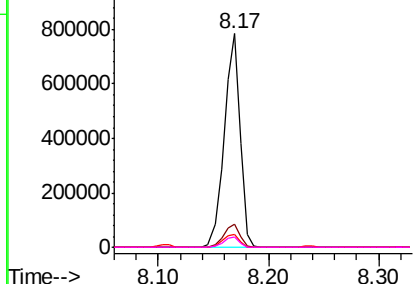
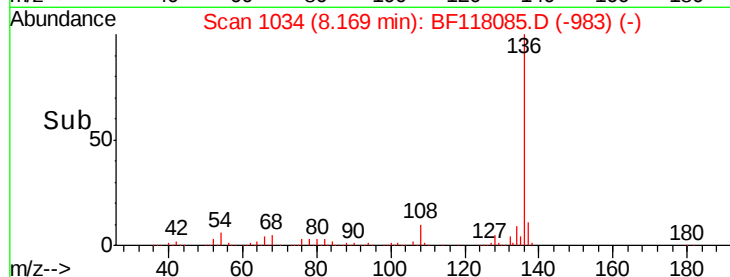
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	783619
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	5.8	4.9 7.3
68	4.7	3.6 5.4

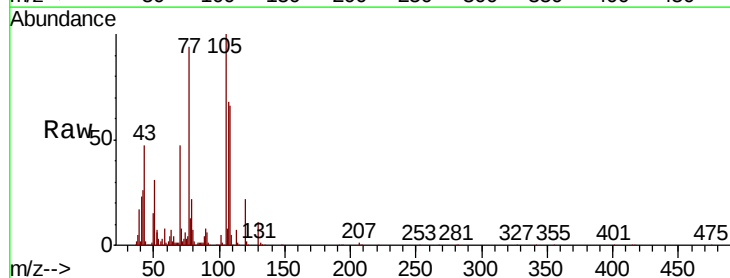


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

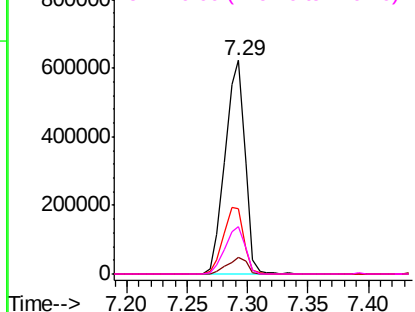
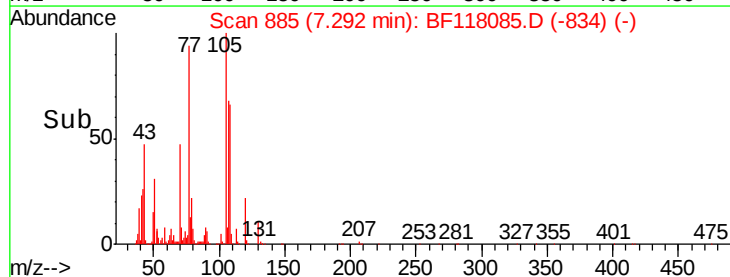


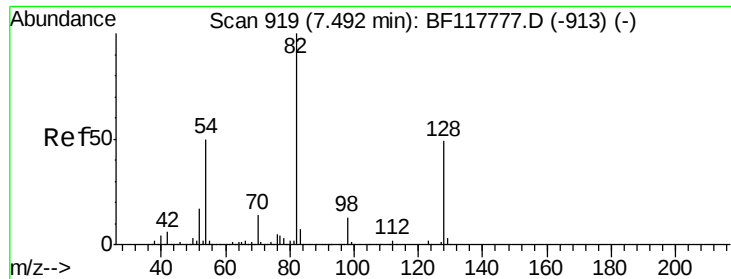
#22
Acetophenone
Concen: 40.467 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:105	Resp:	712451
Ion Ratio	Lower	Upper
105	100	
71	7.8	5.9 8.9
51	30.7	20.2 30.2#
120	22.3	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

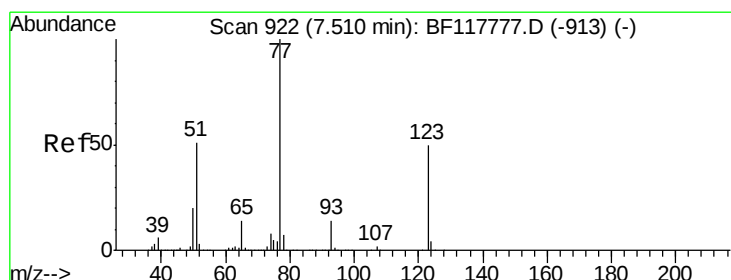
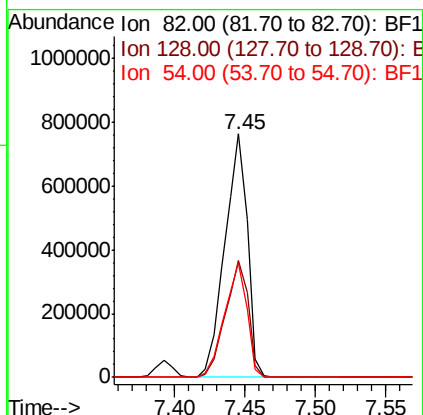
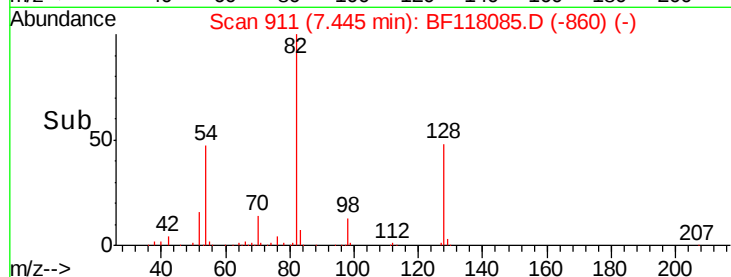
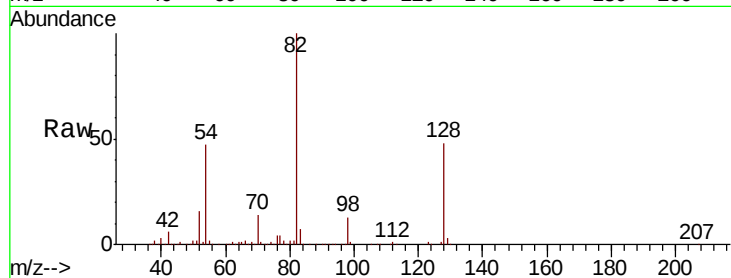




#23
 Nitrobenzene-d5
 Concen: 64.331 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

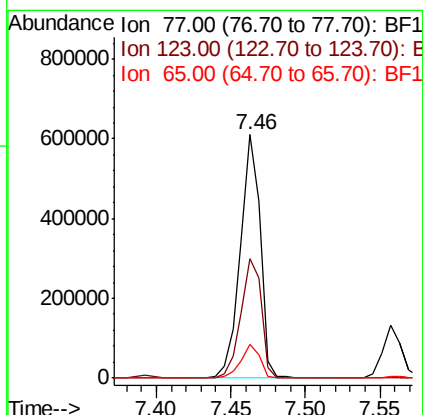
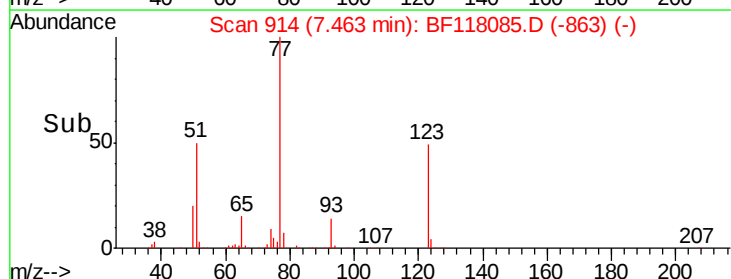
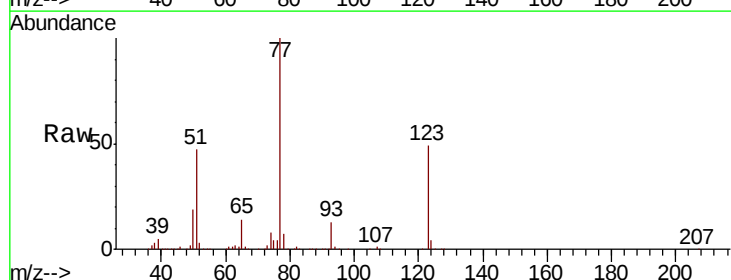
Instrument :
 BNA_F
 ClientSampleId :

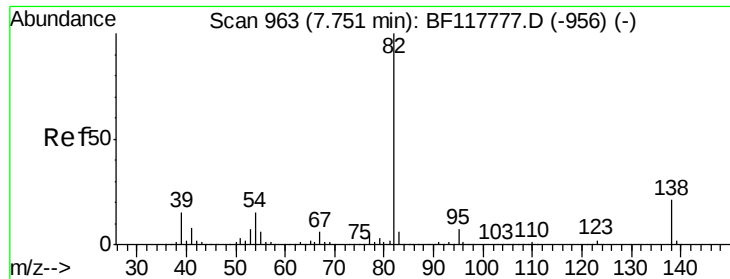
Tot Ion: 82 Resp: 848010
 Ion Ratio Lower Upper
 82 100
 128 48.2 38.2 57.4
 54 47.0 39.0 58.4



#24
 Nitrobenzene
 Concen: 41.631 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion: 77 Resp: 566145
 Ion Ratio Lower Upper
 77 100
 123 49.1 38.2 57.2
 65 13.7 11.1 16.7





#25

Isophorone

Concen: 41.301 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

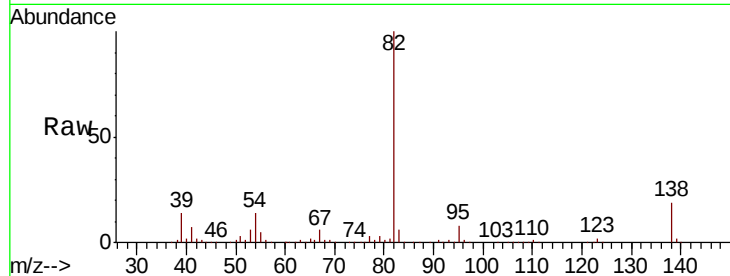
Tot Ion: 82 Resp: 997872

Ion Ratio Lower Upper

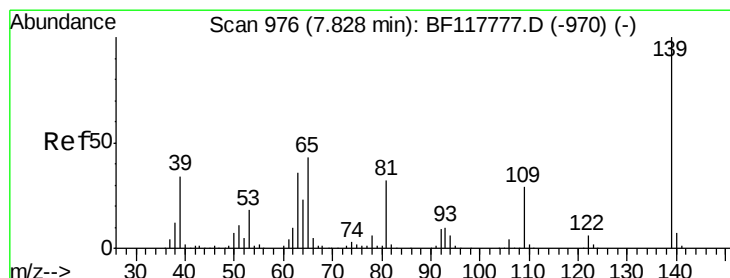
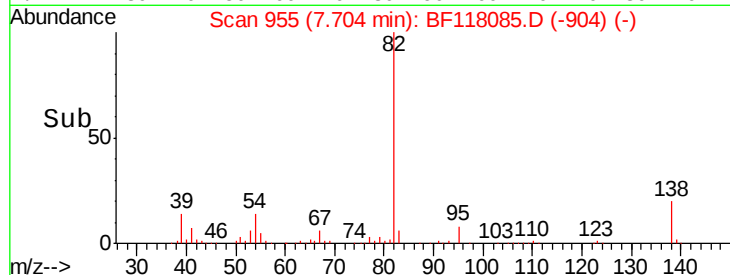
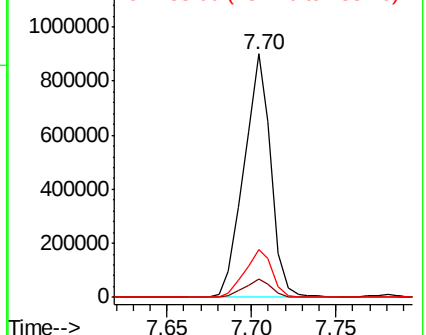
82 100

95 7.8 6.2 9.2

138 19.5 15.9 23.9



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: 50.398 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

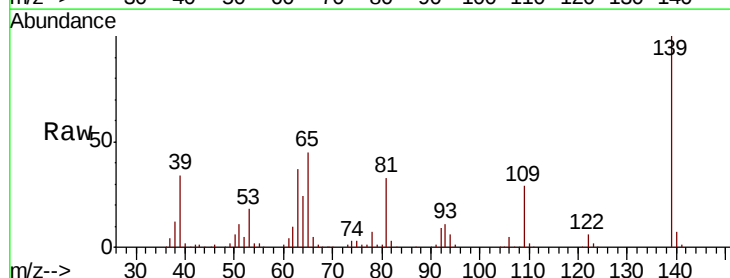
Tgt Ion: 139 Resp: 333585

Ion Ratio Lower Upper

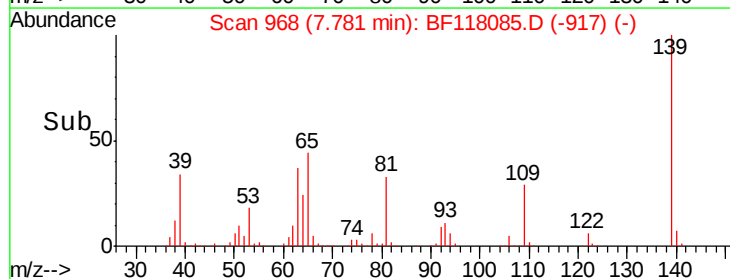
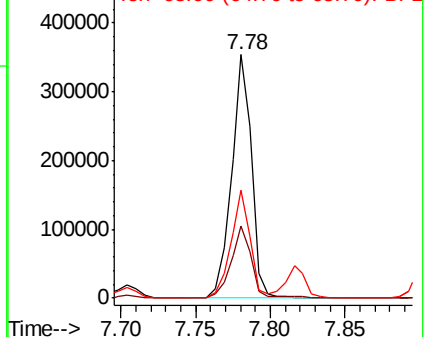
139 100

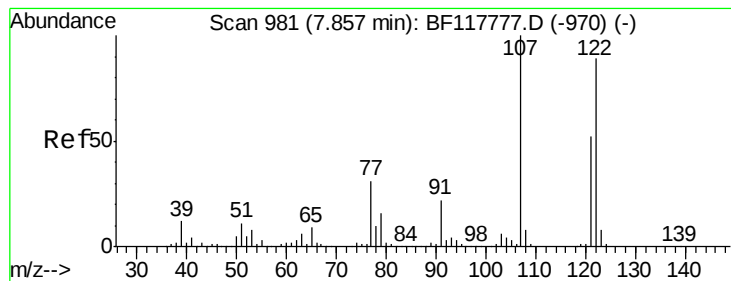
109 29.5 23.8 35.6

65 44.5 36.2 54.4



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: 47.995 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

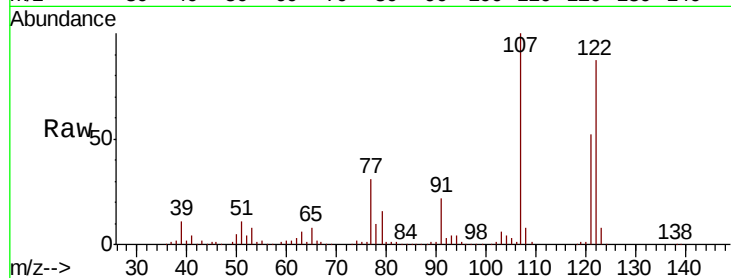
Tot Ion:122 Resp: 493643

Ion Ratio Lower Upper

122 100

107 114.4 92.6 138.8

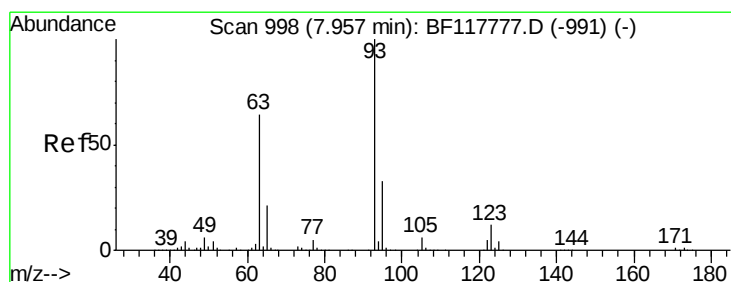
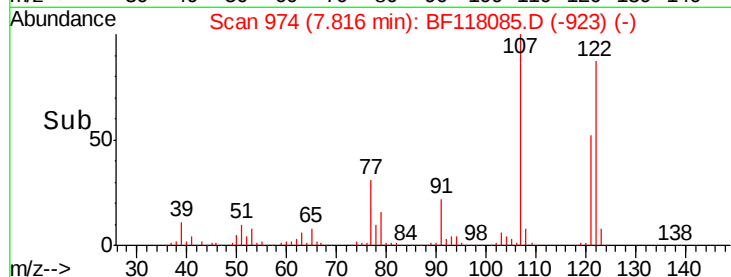
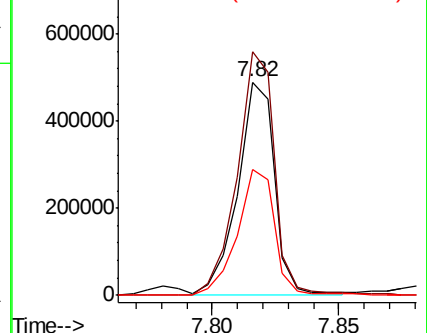
121 59.1 46.9 70.3



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: 42.433 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

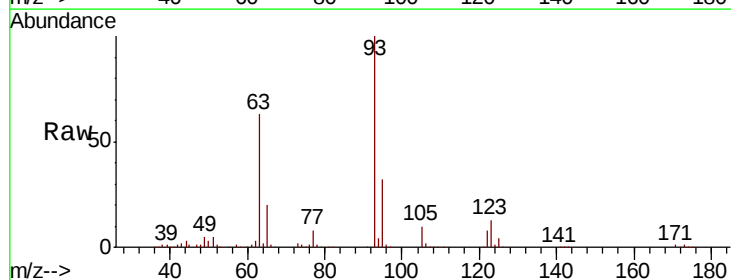
Tgt Ion: 93 Resp: 650573

Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

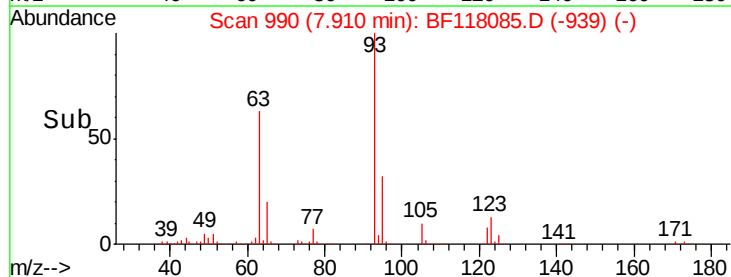
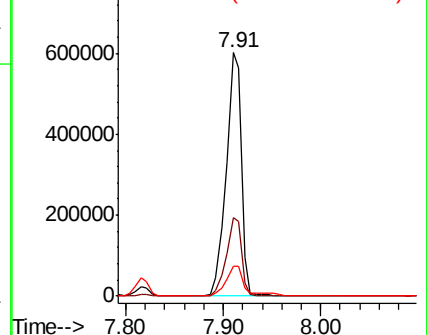
123 12.5 10.2 15.4

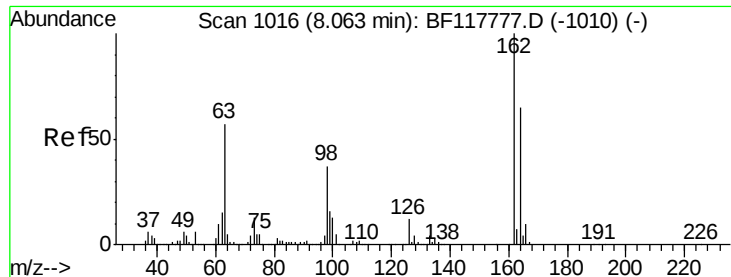


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

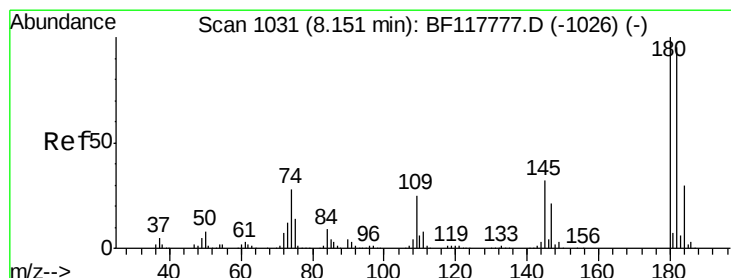
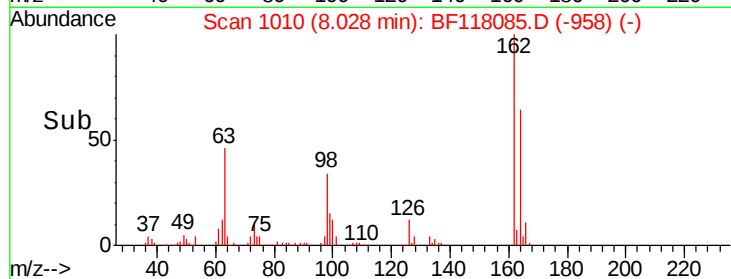
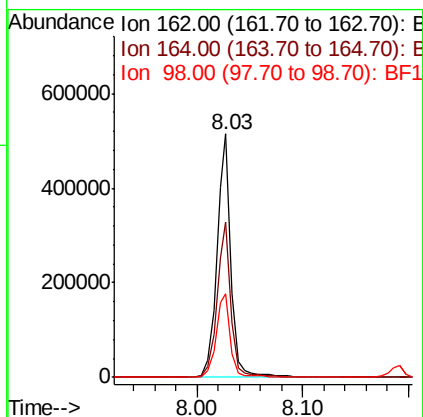
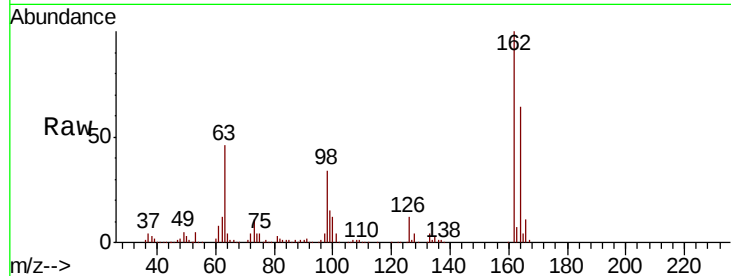




#29
2,4-Dichlorophenol
Concen: 43.205 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

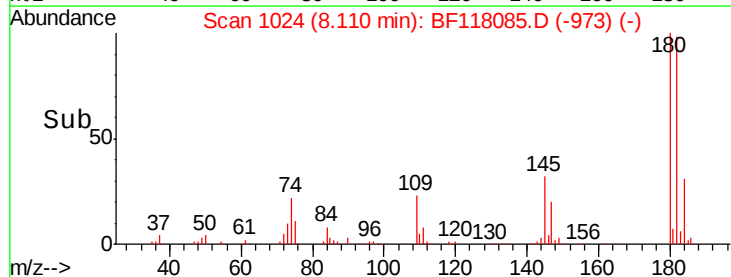
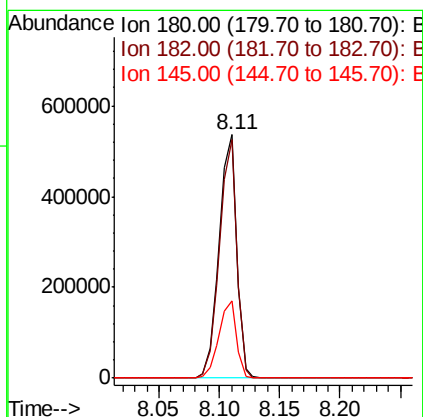
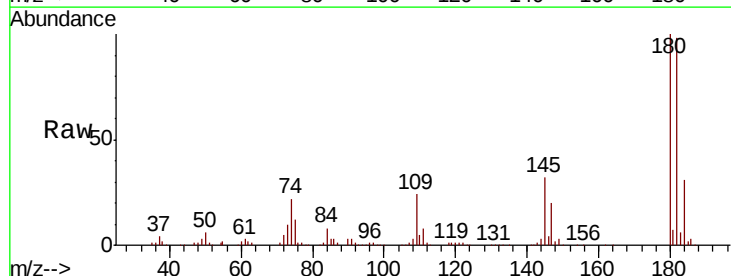
Instrument :
BNA_F
ClientSampleId :

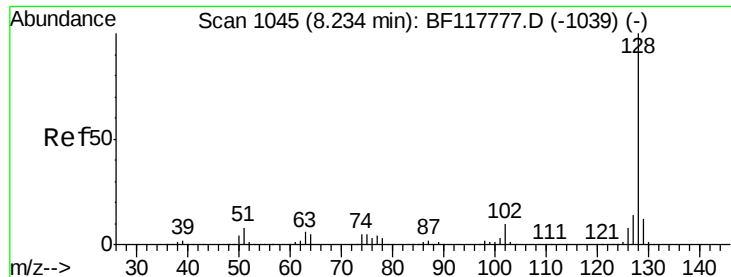
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.9	82.9
98	34.2	16.7	56.7



#30
1,2,4-Trichlorobenzene
Concen: 41.493 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.6	114.8
145	31.6	25.1	37.7

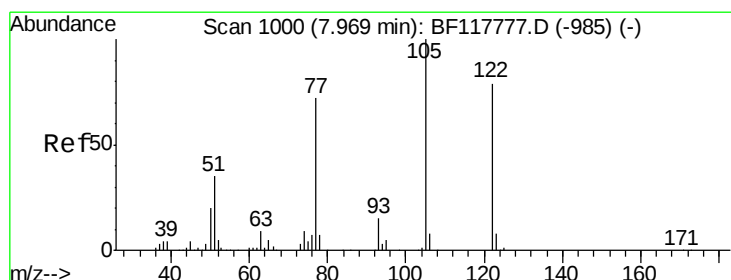
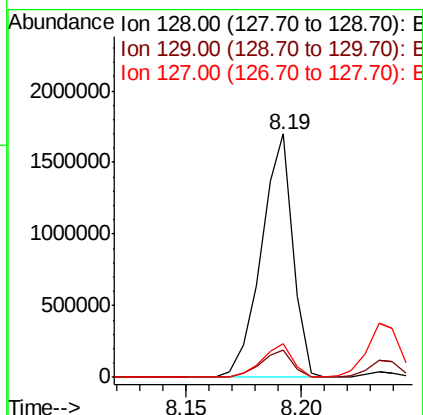
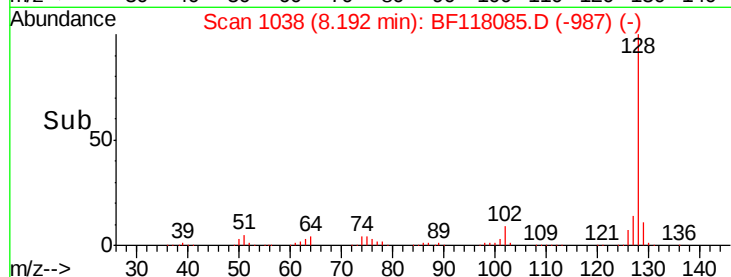
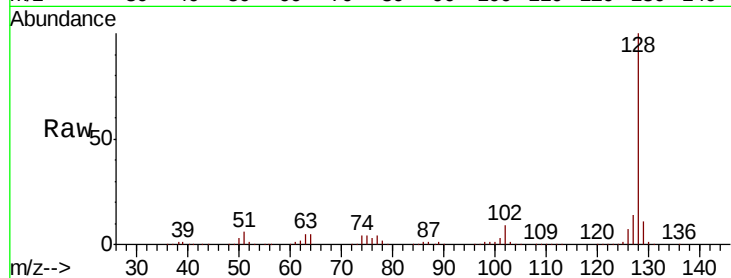




#31
Naphthalene
Concen: 44.208 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

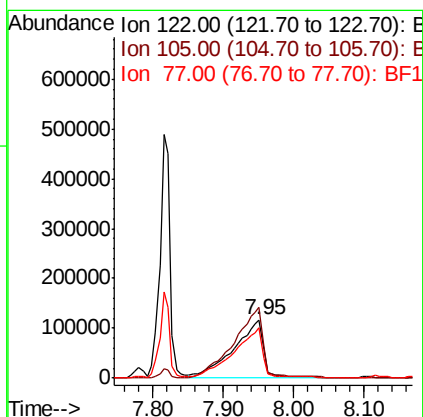
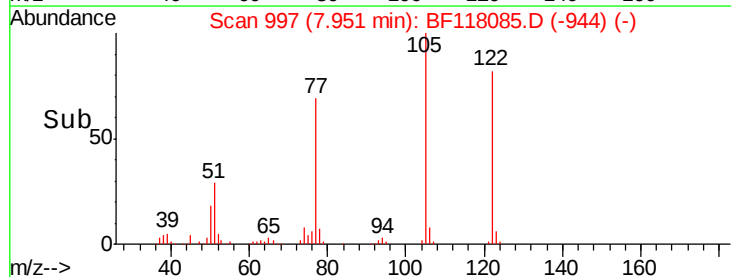
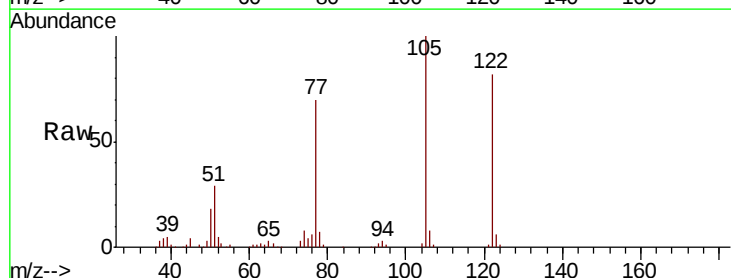
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1614994
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 39.432 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:122 Resp: 339587
Ion Ratio Lower Upper
122 100
105 122.0 101.4 141.4
77 85.2 66.4 106.4

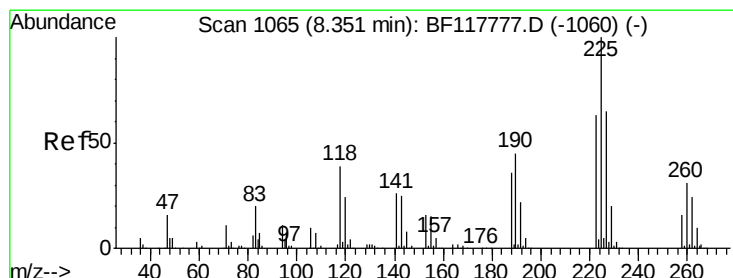
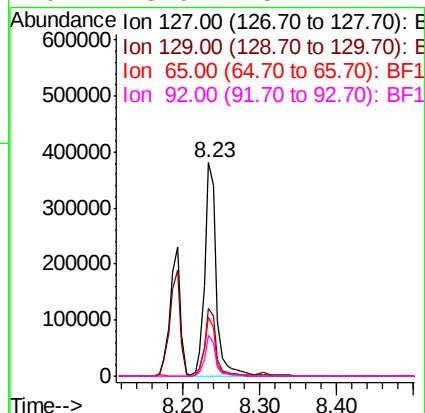
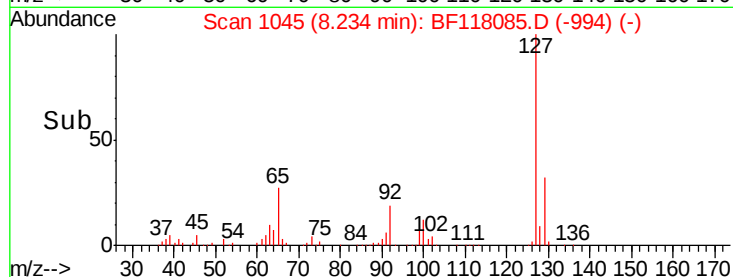
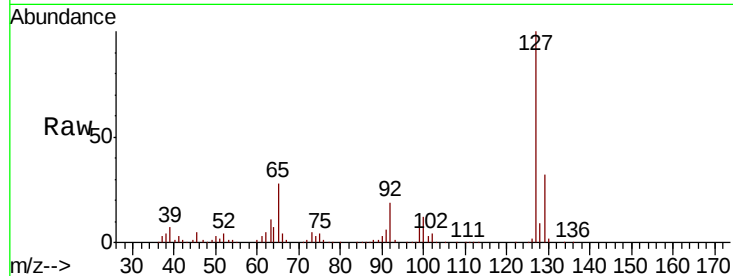




#33
4-Chloroaniline
Concen: 24.982 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

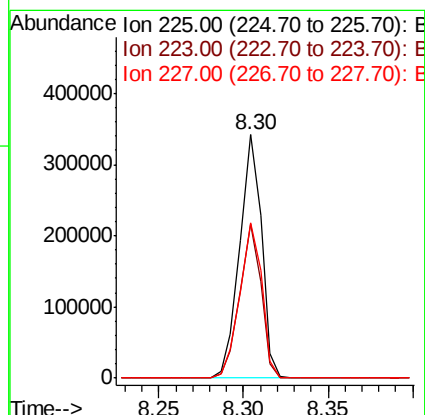
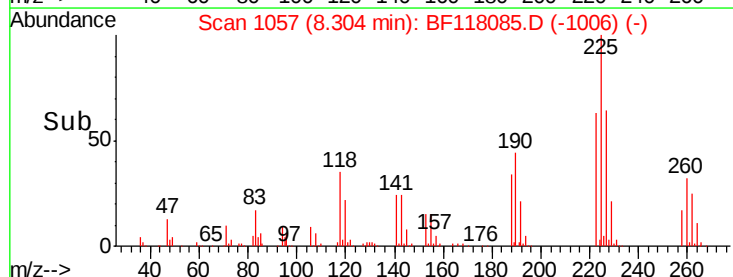
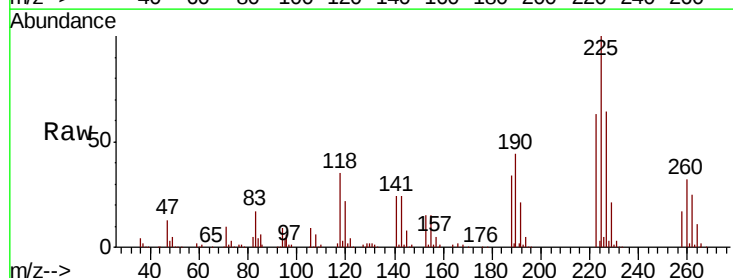
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	408565
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.0
65	27.6	23.4	35.0
92	18.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 40.745 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:	225	Resp:	308282
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.2
227	63.7	52.6	78.8

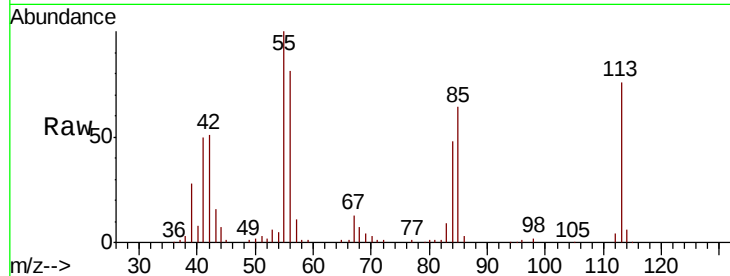




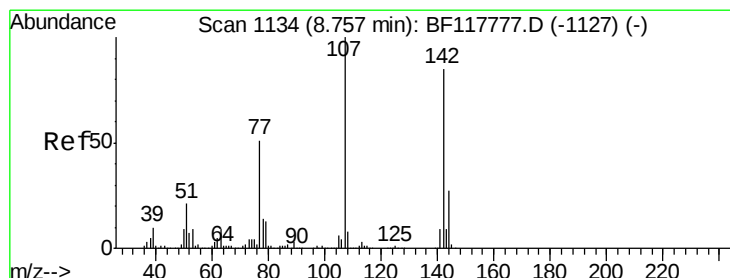
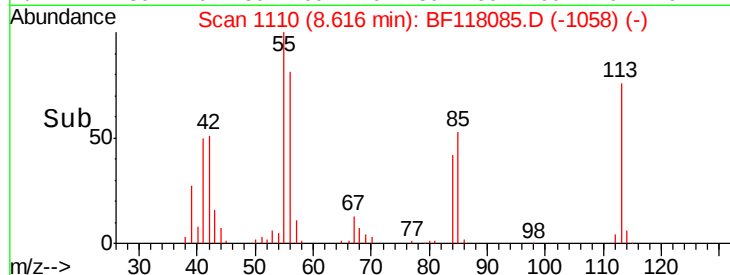
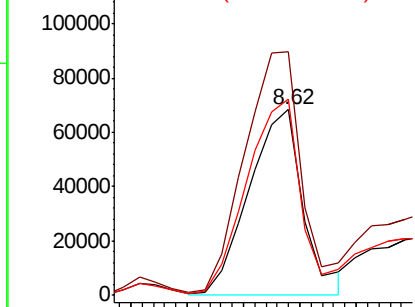
#35
 Caprolactam
 Concen: 25.498 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 90410
 Ion Ratio Lower Upper
 113 100
 55 131.3 125.5 165.5
 56 105.9 88.0 128.0

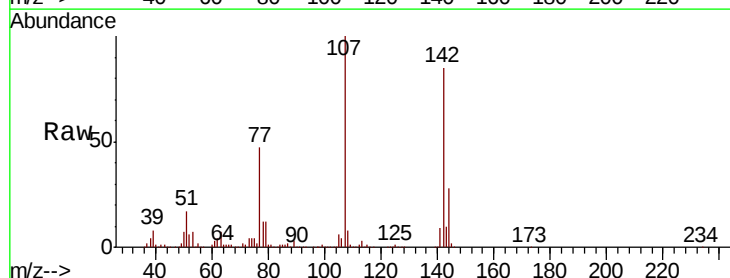


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

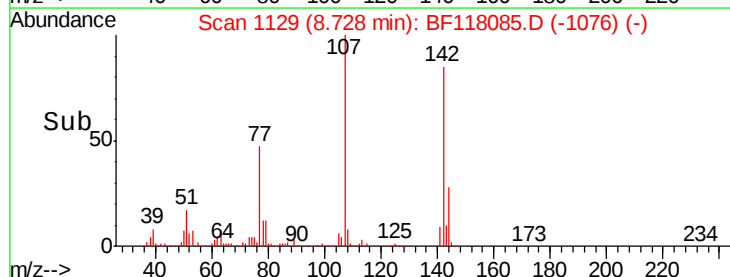
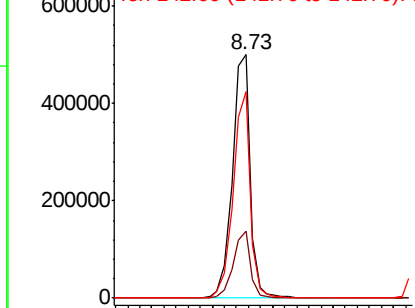


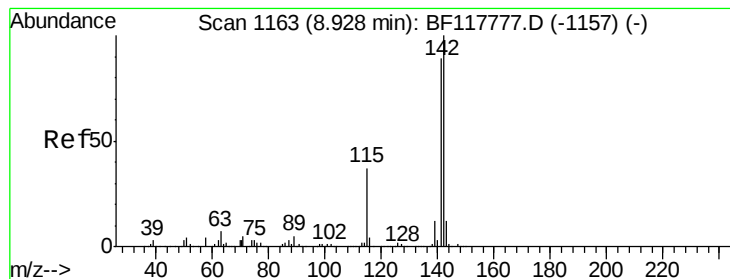
#36
 4-Chloro-3-methylphenol
 Concen: 45.779 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion:107 Resp: 518331
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.6 30.8
 142 85.0 62.5 93.7



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





#37

2-Methylnaphthalene

Concen: 45.516 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

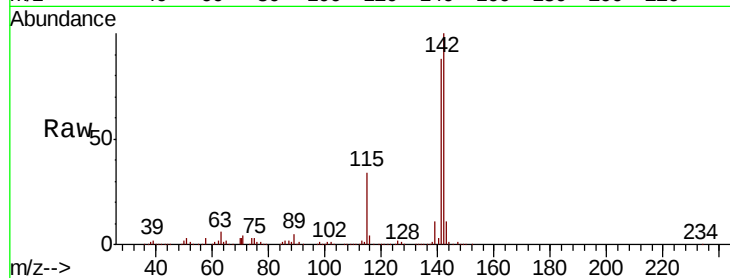
Tot Ion:142 Resp: 1123476

Ion Ratio Lower Upper

142 100

141 88.1 70.2 105.4

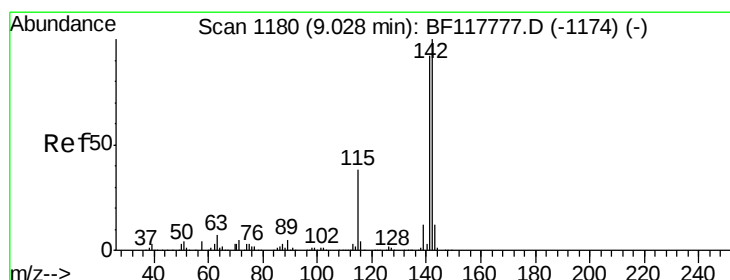
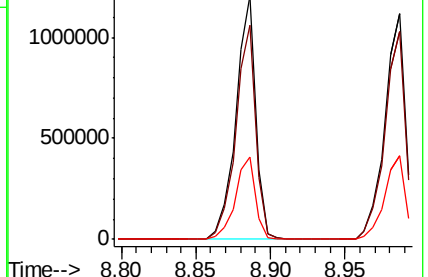
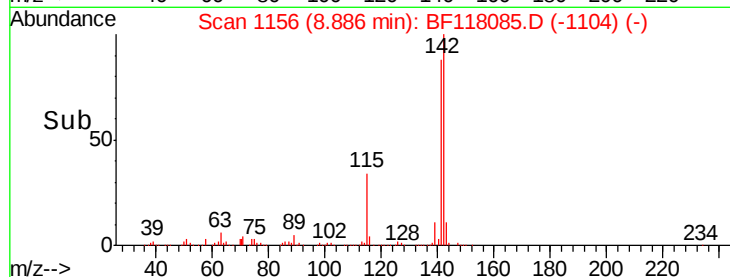
115 33.9 29.2 43.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.044 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

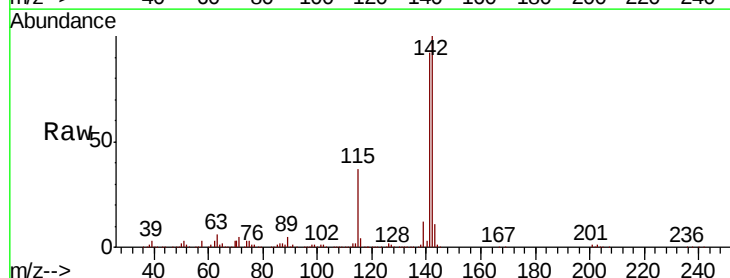
Tgt Ion:142 Resp: 1051132

Ion Ratio Lower Upper

142 100

141 91.9 73.6 110.4

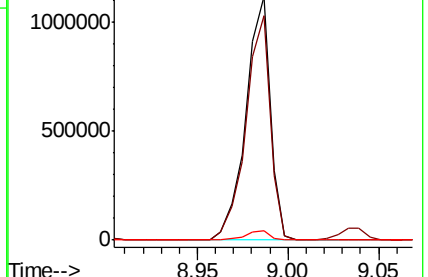
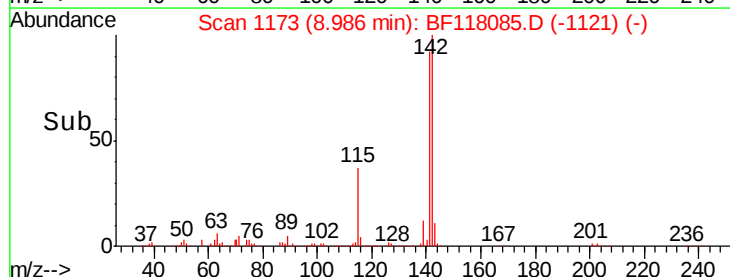
116 3.6 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

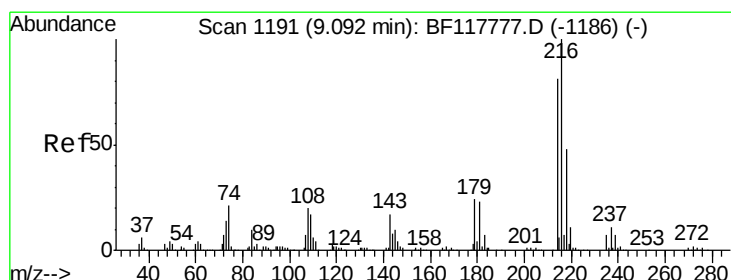
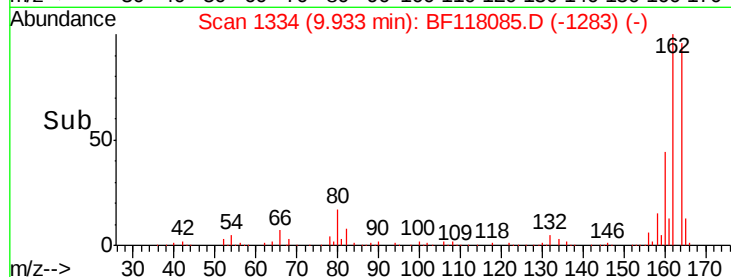
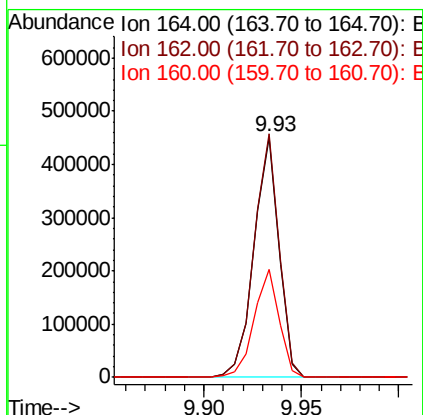
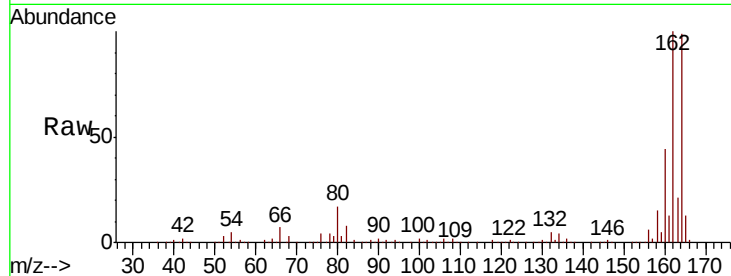




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

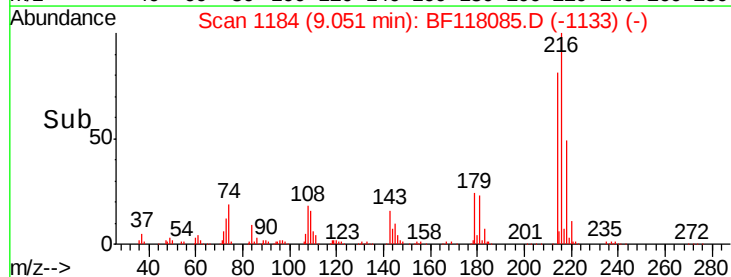
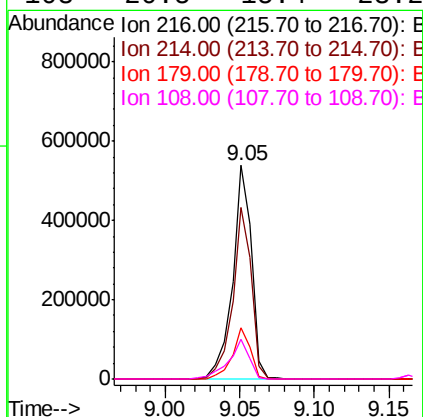
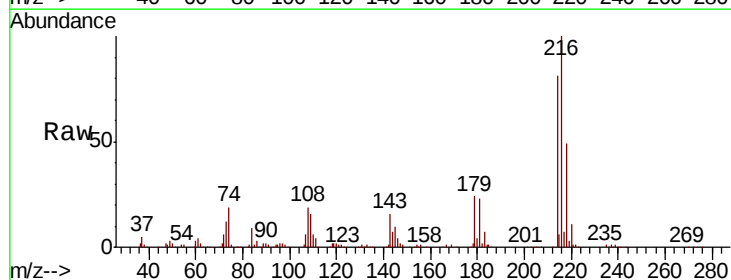
Instrument :
BNA_F
ClientSampleId :

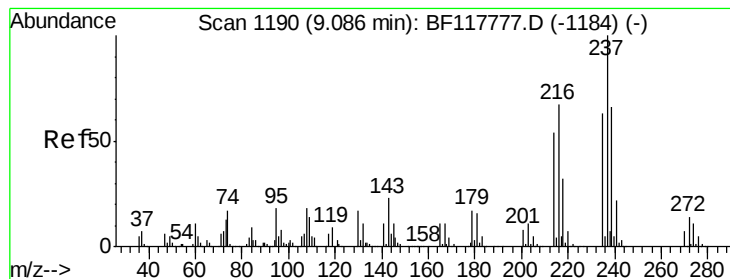
Tot Ion:164 Resp: 400532
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.8
160 45.0 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.372 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:216 Resp: 481232
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.4
179 23.1 18.5 27.7
108 20.5 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 66.123 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampled :

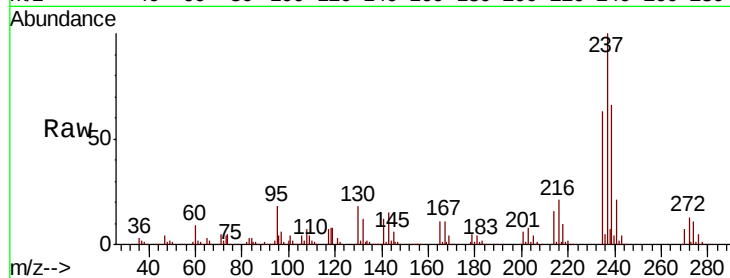
Tot Ion:237 Resp: 431021

Ion Ratio Lower Upper

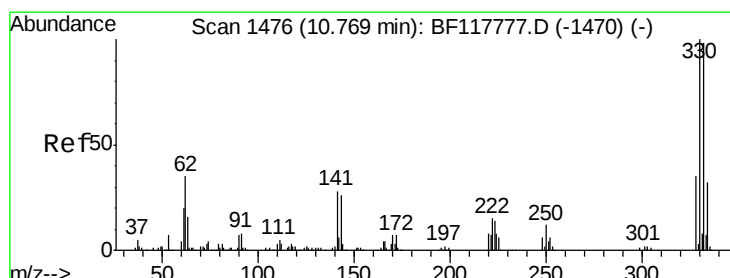
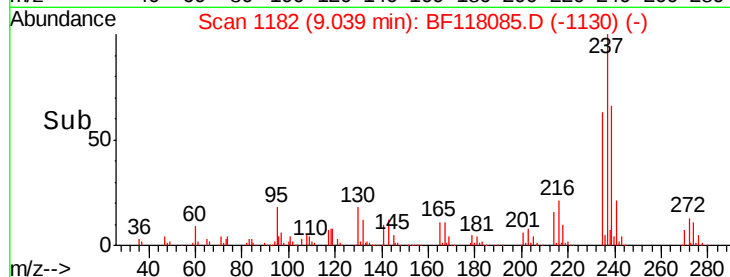
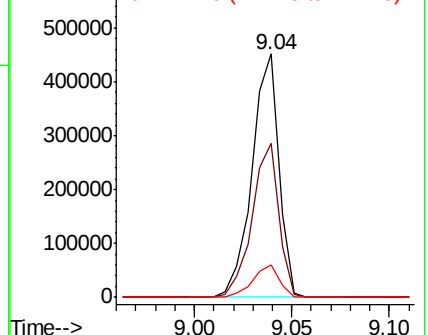
237 100

235 63.5 43.7 83.7

272 13.4 0.0 32.7



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



#42

2,4,6-Tribromophenol

Concen: 148.266 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

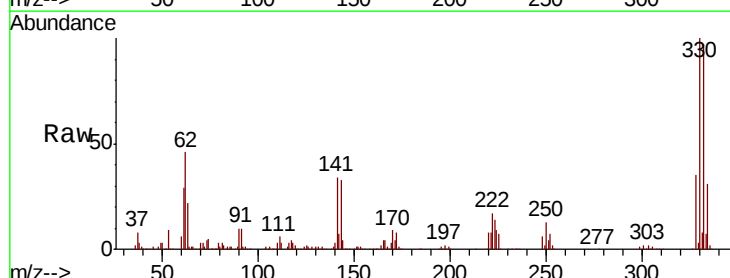
Tgt Ion:330 Resp: 628706

Ion Ratio Lower Upper

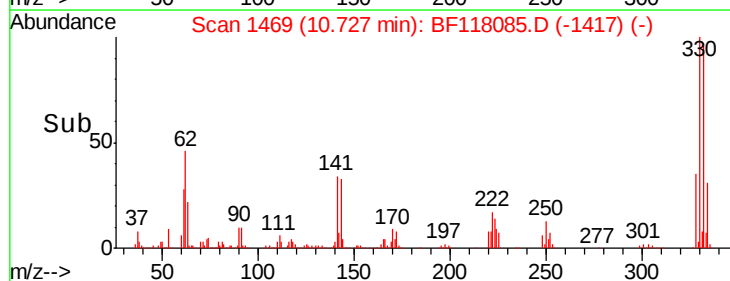
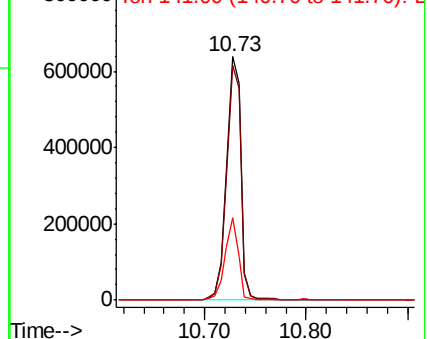
330 100

332 96.4 78.3 117.5

141 31.2 26.4 39.6



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

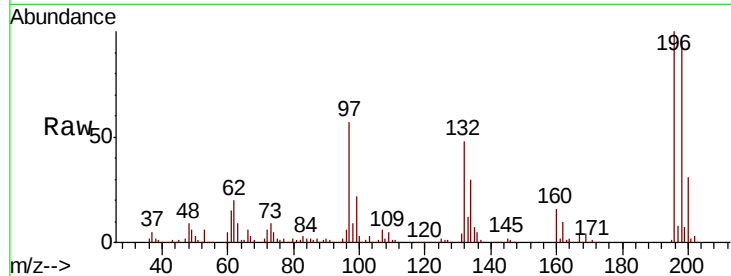




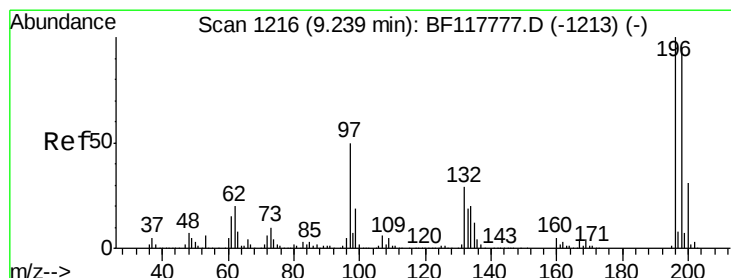
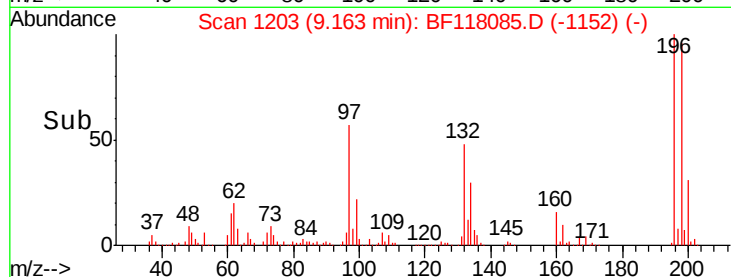
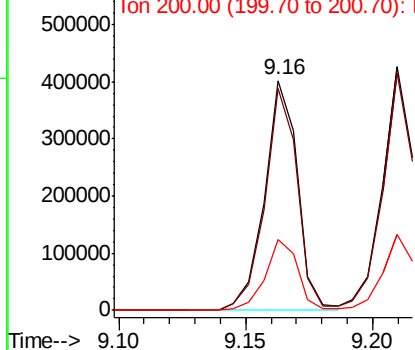
#43
2,4,6-Trichlorophenol
Concen: 44.235 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 368538
Ion Ratio Lower Upper
196 100
198 96.2 76.9 115.3
200 30.7 24.2 36.4

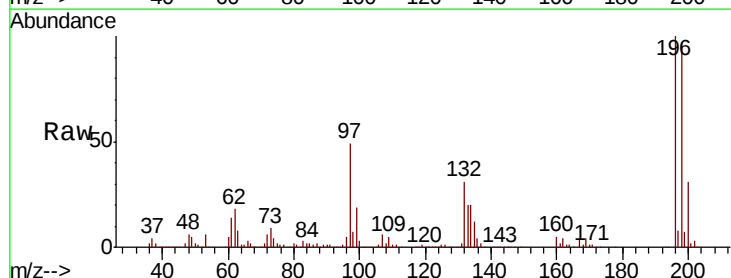


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

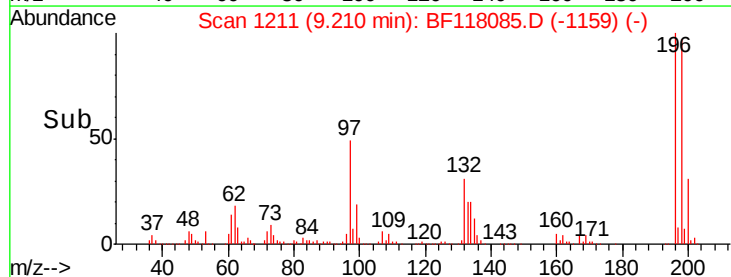
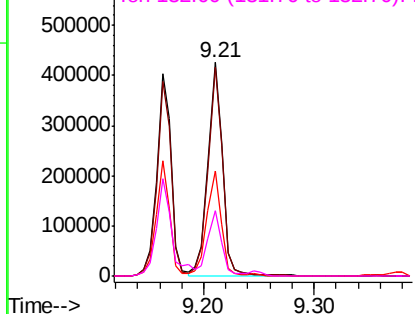


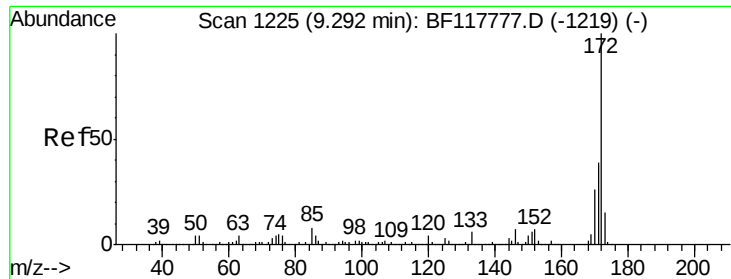
#44
2,4,5-Trichlorophenol
Concen: 43.816 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:196 Resp: 379026
Ion Ratio Lower Upper
196 100
198 97.4 78.1 117.1
97 49.2 37.4 56.2
132 30.7 22.7 34.1



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

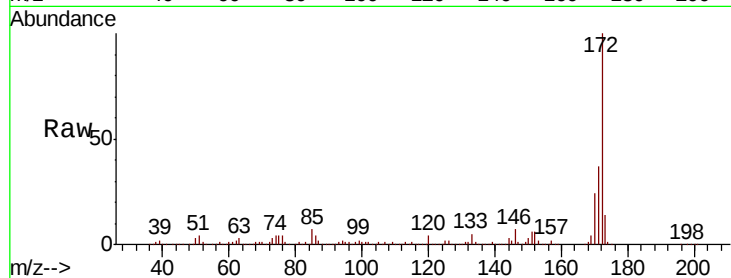




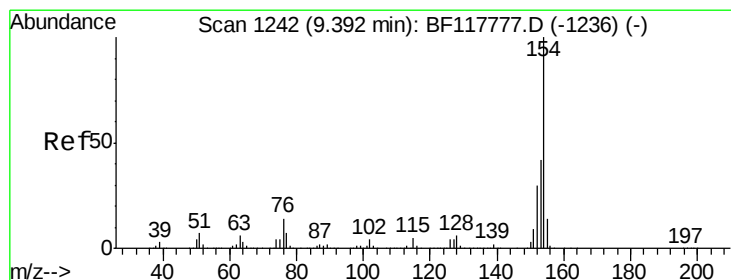
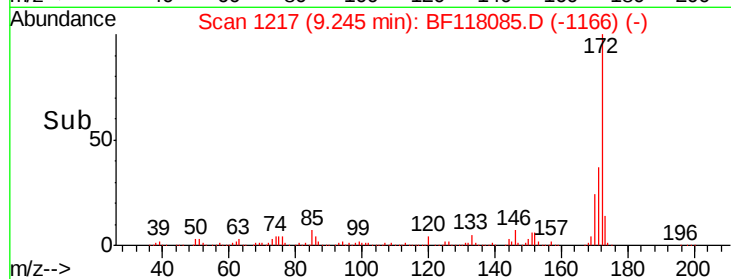
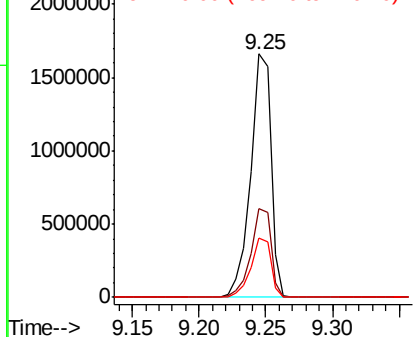
#45
2-Fluorobiphenyl
Concen: 77.321 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1726261
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 24.3 19.3 28.9

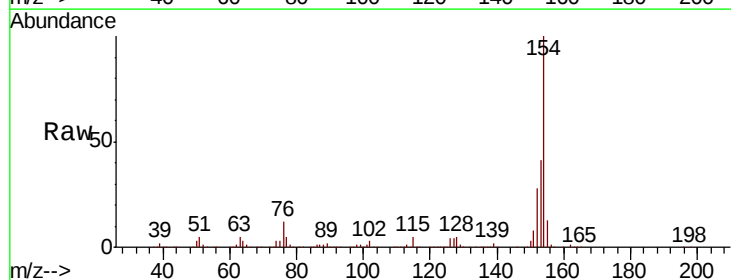


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

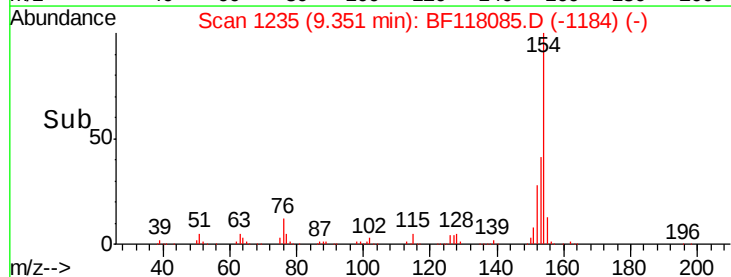
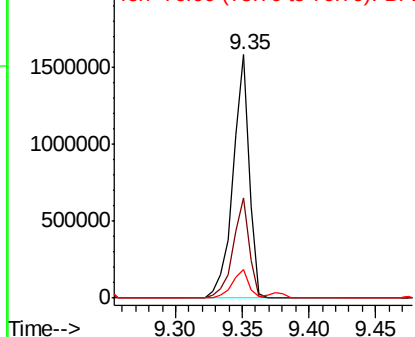


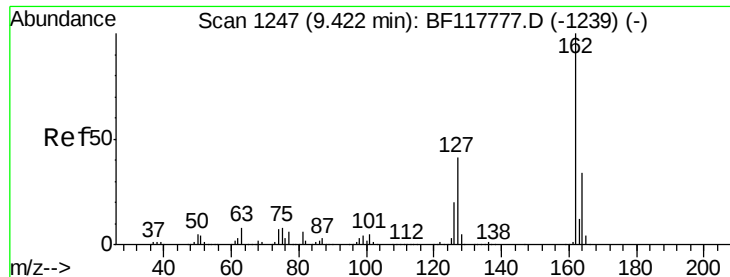
#46
1,1'-Biphenyl
Concen: 45.702 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:154 Resp: 1358082
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 11.7 0.0 30.8



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

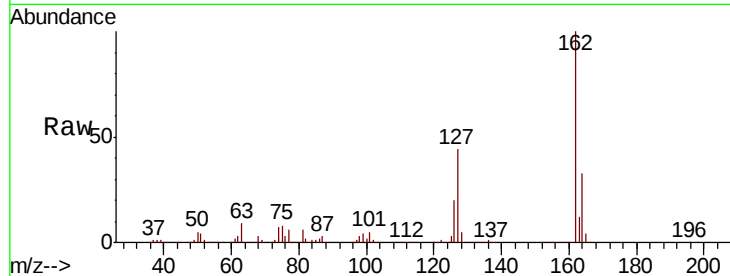




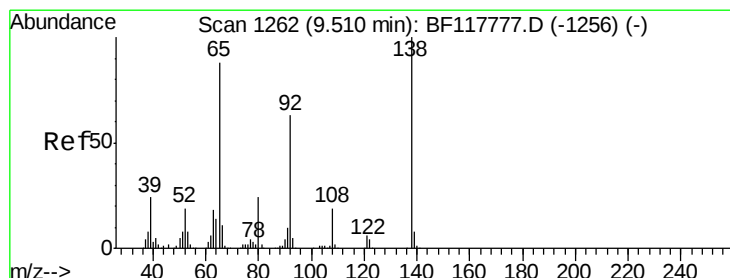
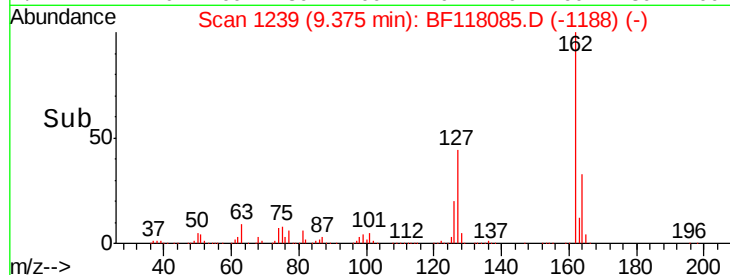
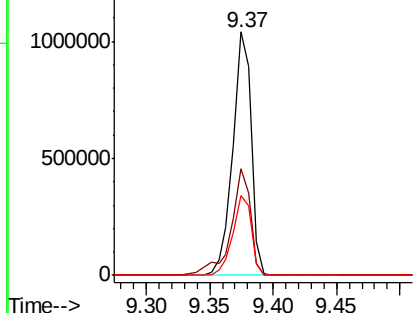
#47
 2-Chloronaphthalene
 Concen: 42.482 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1038502
 Ion Ratio Lower Upper
 162 100
 127 43.6 34.6 52.0
 164 32.9 26.0 39.0

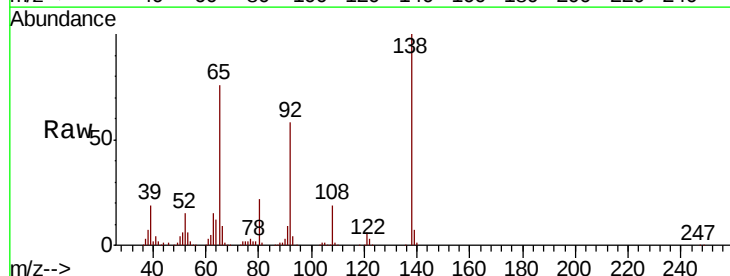


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

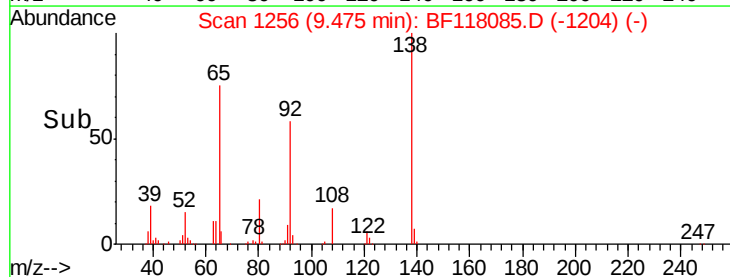
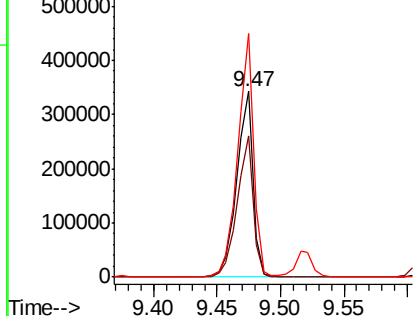


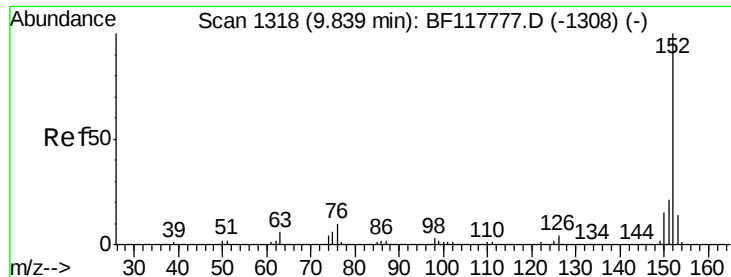
#48
 2-Nitroaniline
 Concen: 40.839 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion: 65 Resp: 301403
 Ion Ratio Lower Upper
 65 100
 92 76.1 57.9 86.9
 138 131.3 96.2 144.2



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





#49

Acenaphthylene

Concen: 46.319 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

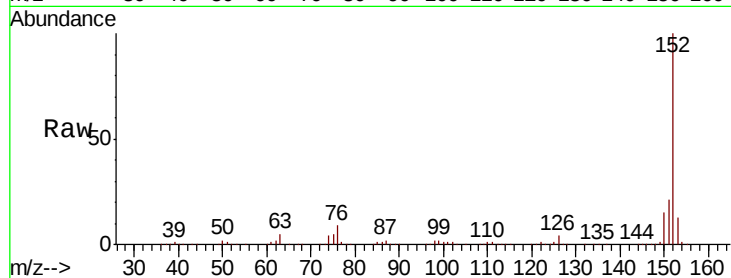
Tot Ion:152 Resp: 1650836

Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1

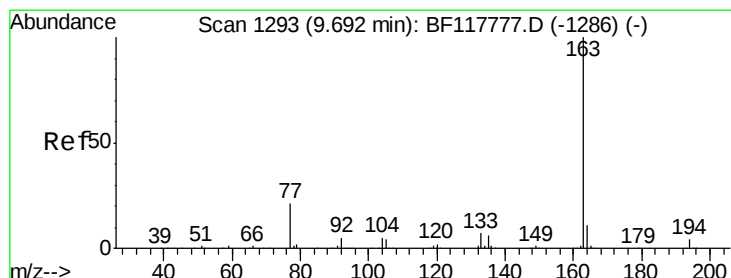
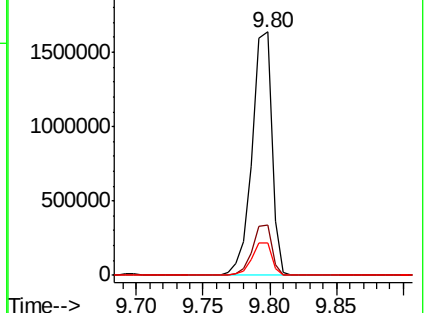
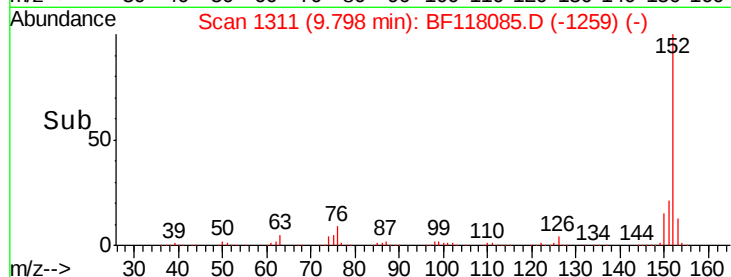
153 13.2 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.874 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

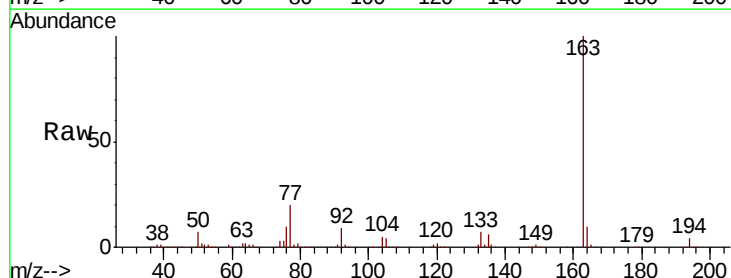
Tgt Ion:163 Resp: 1260384

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

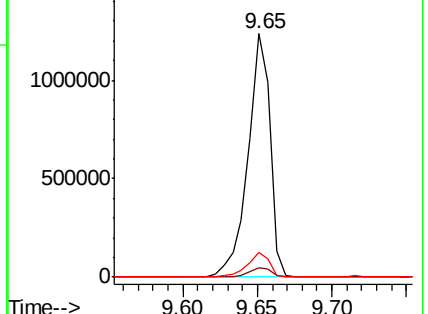
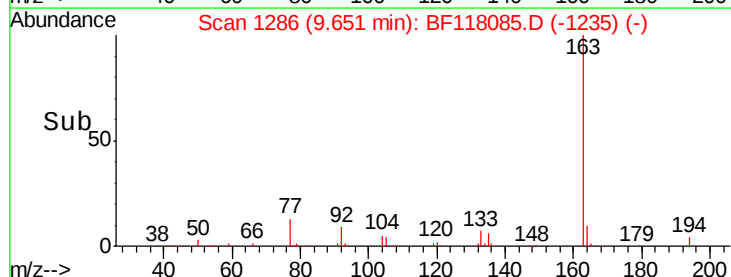
164 10.4 7.9 11.9

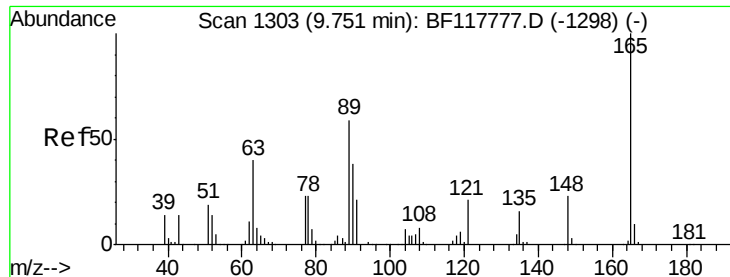


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

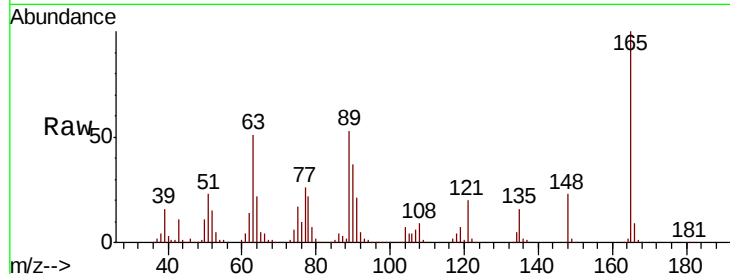




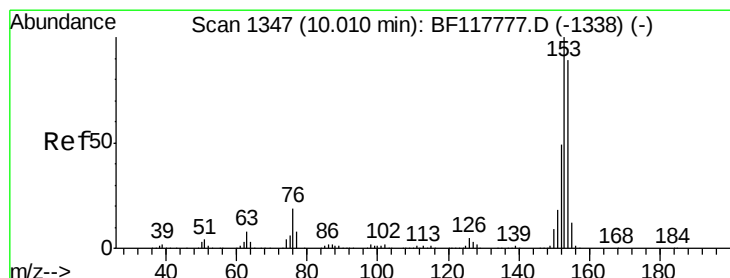
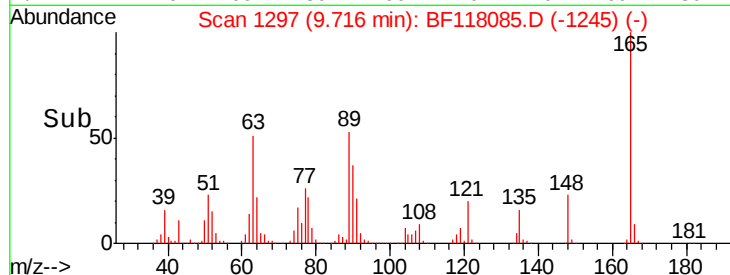
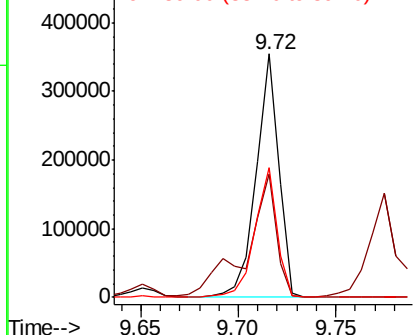
#51
 2,6-Dinitrotoluene
 Concen: 46.421 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	43.9	65.9
89	53.2	45.5	68.3

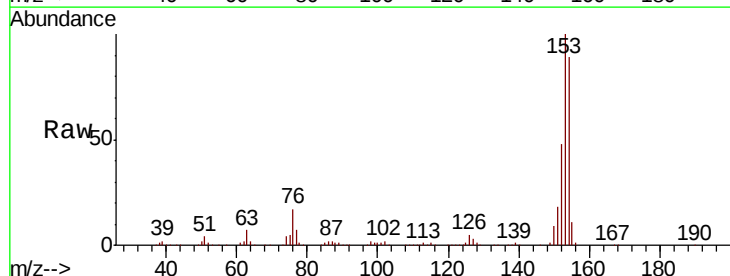


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

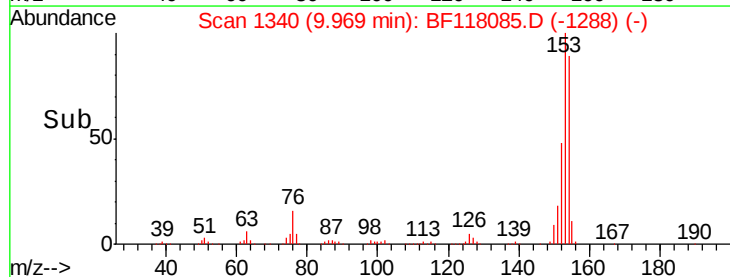
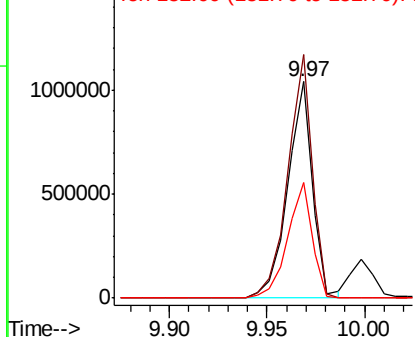


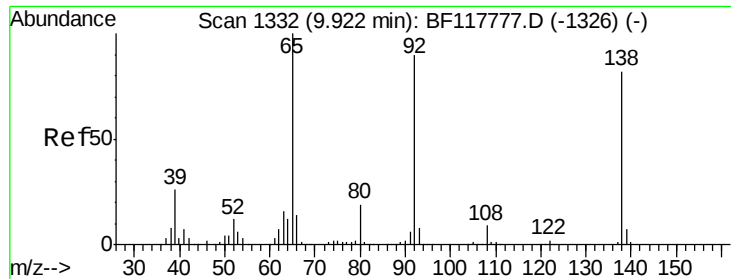
#52
 Acenaphthene
 Concen: 40.115 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	53.6	43.6	65.4



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

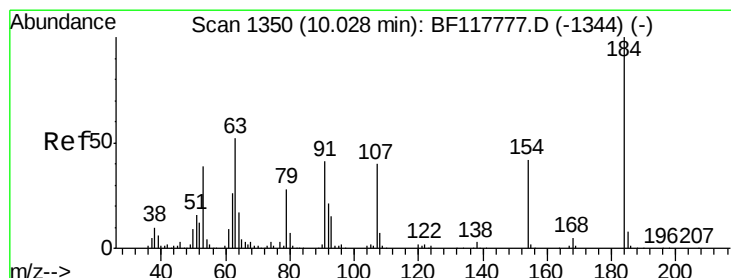
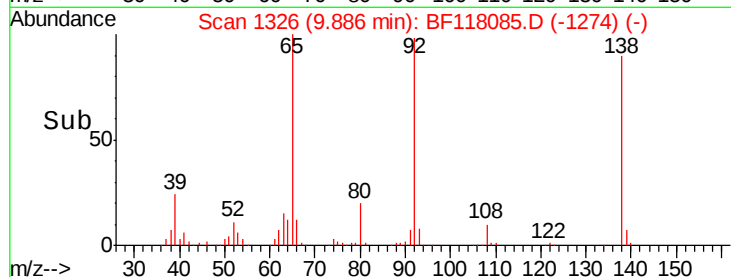
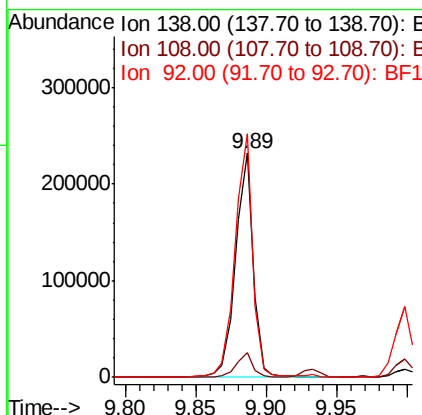
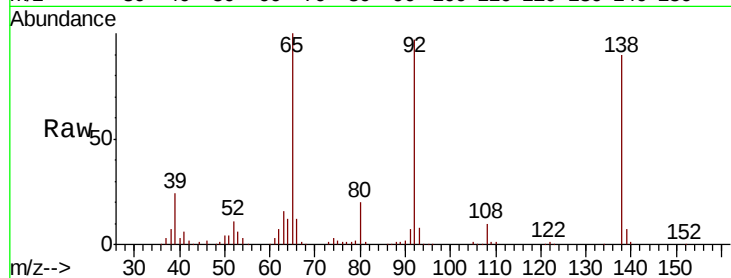




#53
 3-Nitroaniline
 Concen: 27.599 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

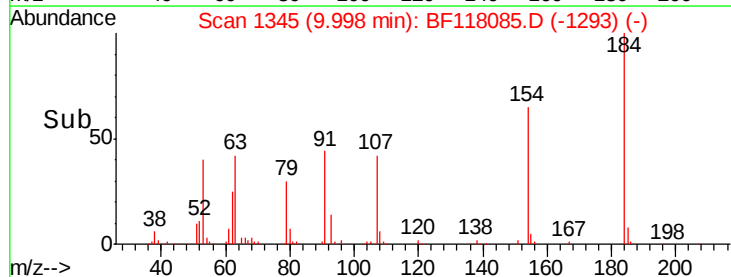
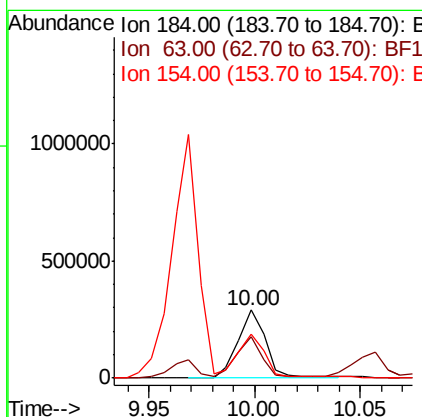
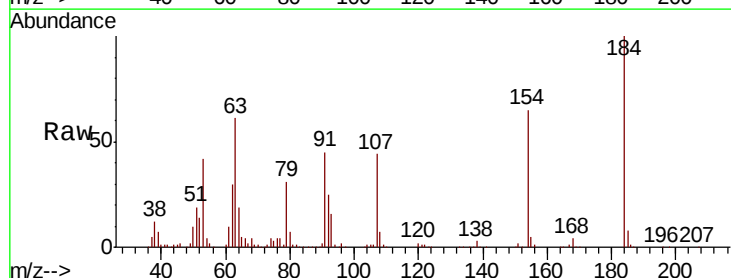
Instrument :
 BNA_F
 ClientSampleId :

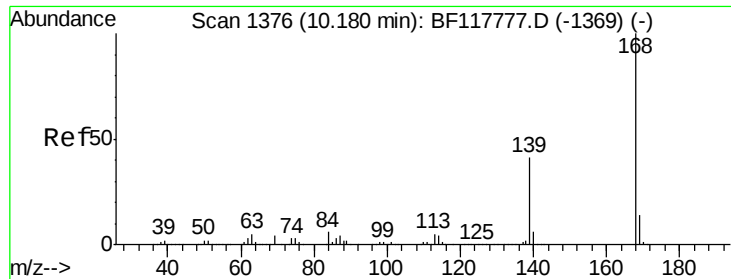
Tot Ion:138 Resp: 202719
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.7 13.1
 92 108.6 87.4 131.0



#54
 2,4-Dinitrophenol
 Concen: 84.573 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion:184 Resp: 268181
 Ion Ratio Lower Upper
 184 100
 63 60.7 45.3 67.9
 154 65.0 51.6 77.4

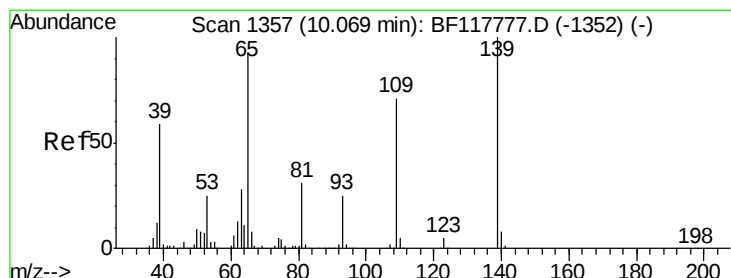
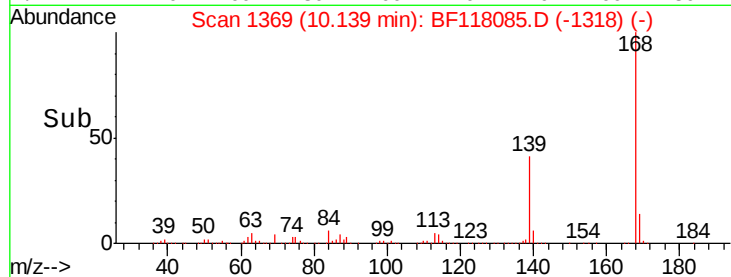
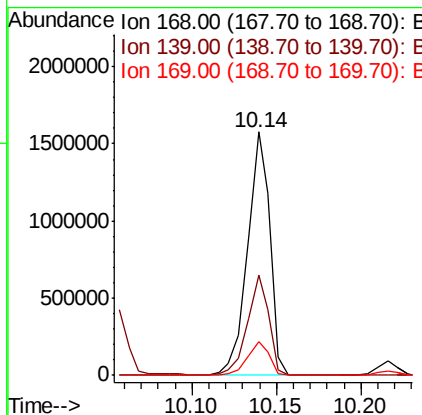
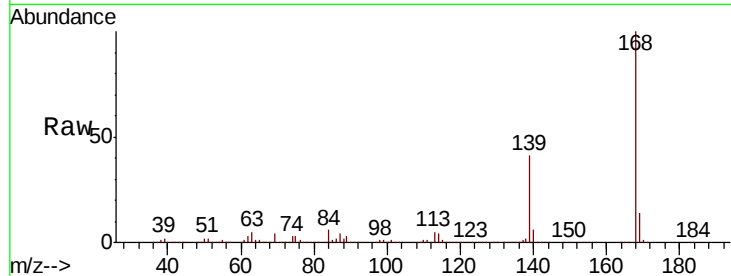




#55
Dibenzofuran
Concen: 46.138 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

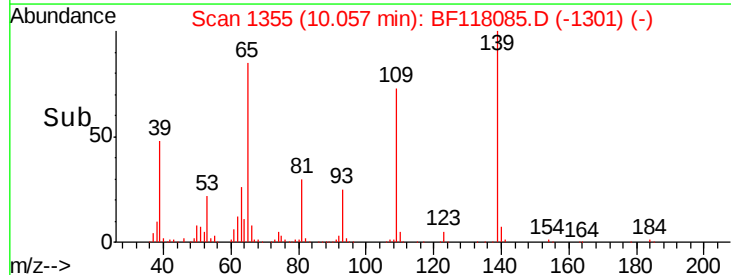
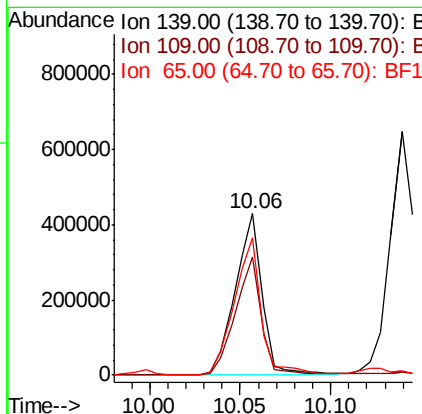
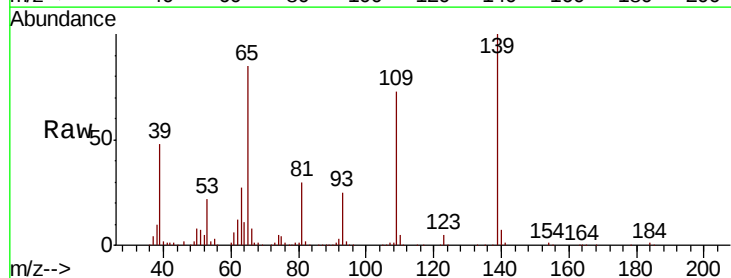
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1458695
Ion Ratio Lower Upper
168 100
139 41.0 32.5 48.7
169 14.0 10.8 16.2



#56
4-Nitrophenol
Concen: 80.401 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:139 Resp: 440817
Ion Ratio Lower Upper
139 100
109 73.1 55.2 95.2
65 85.2 68.7 108.7

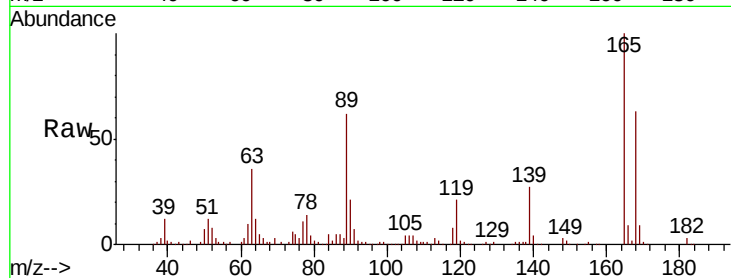




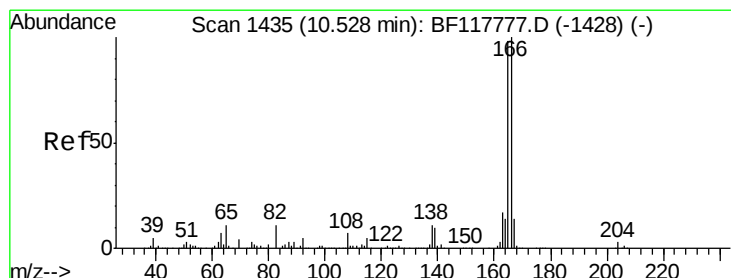
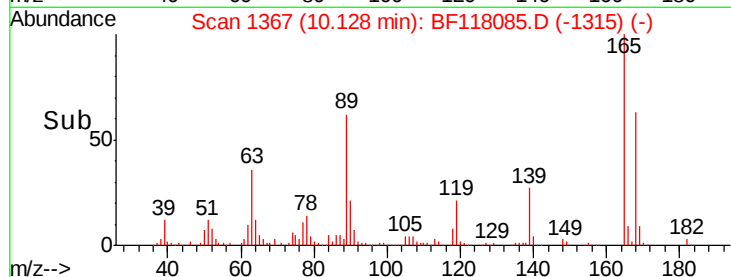
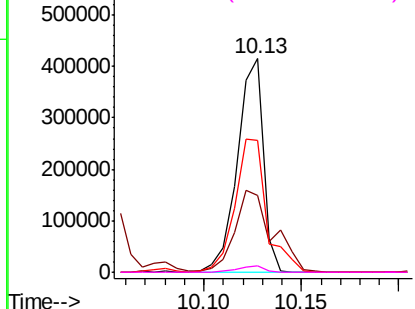
#57
2,4-Dinitrotoluene
Concen: 49.183 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 384049
Ion Ratio Lower Upper
165 100
63 36.2 26.5 39.7
89 61.8 47.2 70.8
182 2.9 2.3 3.5

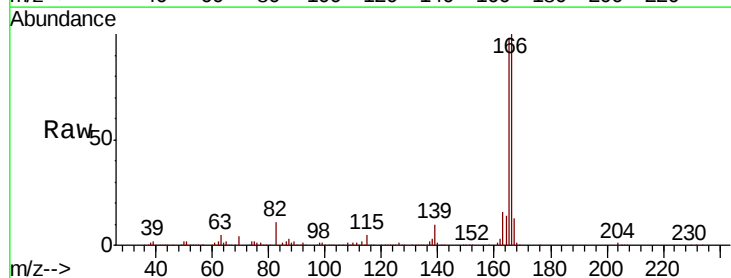


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

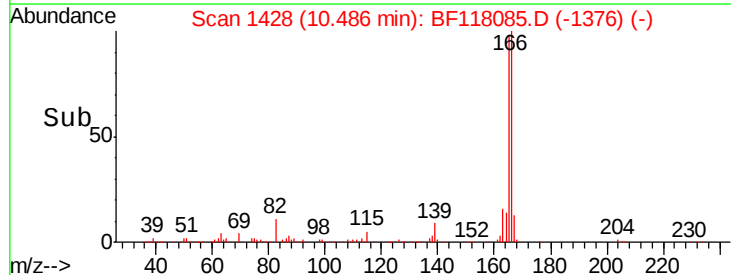
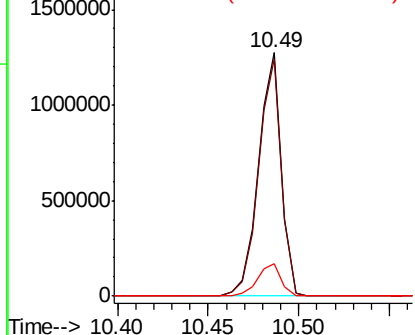


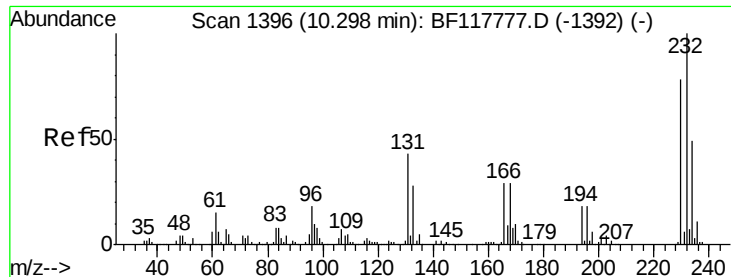
#58
Fluorene
Concen: 45.437 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:166 Resp: 1113205
Ion Ratio Lower Upper
166 100
165 97.7 77.4 116.2
167 13.3 10.7 16.1



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

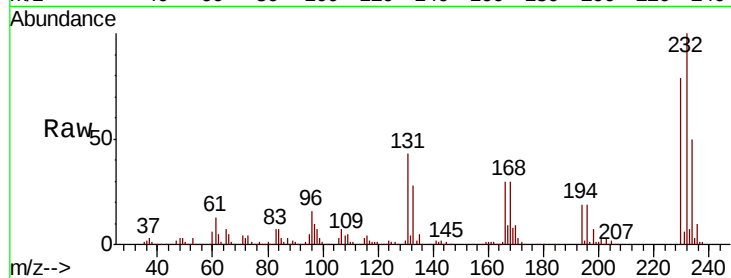




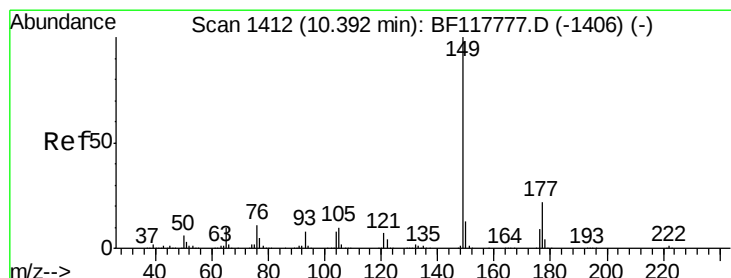
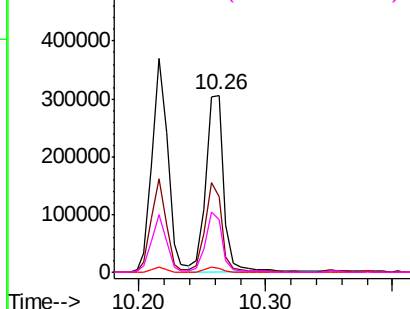
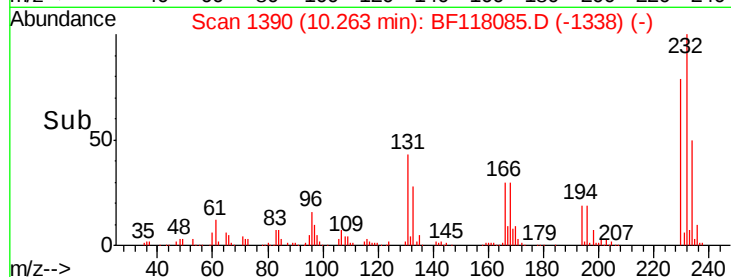
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.801 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 304211
 Ion Ratio Lower Upper
 232 100
 131 46.9 38.8 58.2
 130 2.4 1.9 2.9
 166 31.4 25.9 38.9

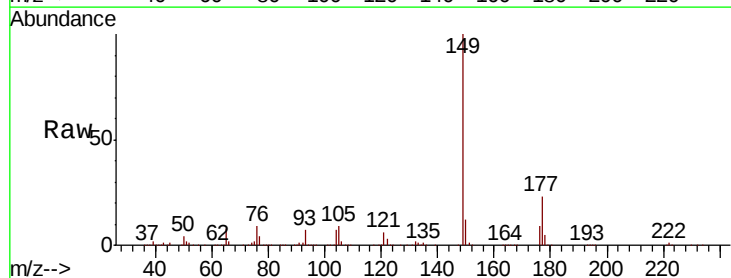


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

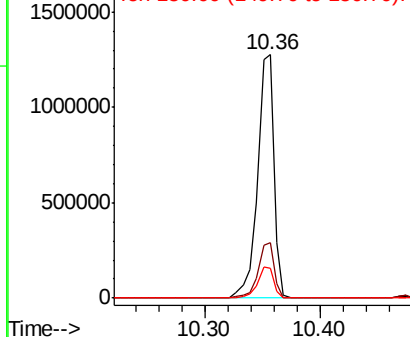
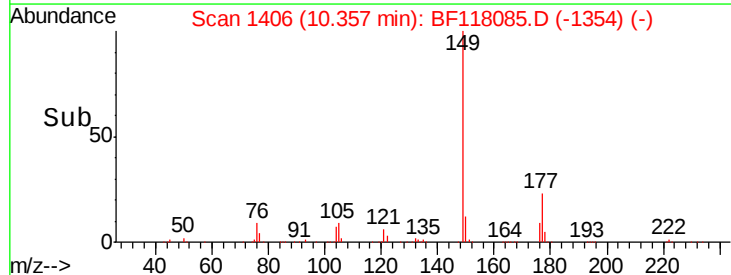


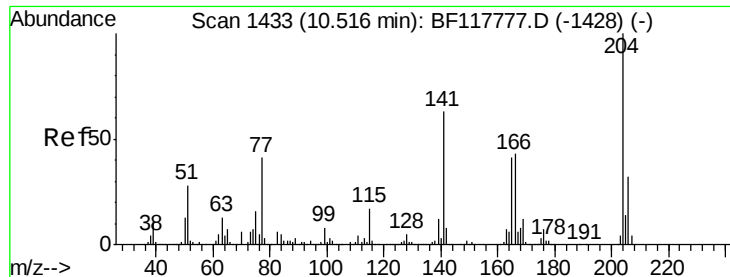
#60
 Diethylphthalate
 Concen: 46.374 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion:149 Resp: 1269868
 Ion Ratio Lower Upper
 149 100
 177 23.0 17.6 26.4
 150 12.3 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

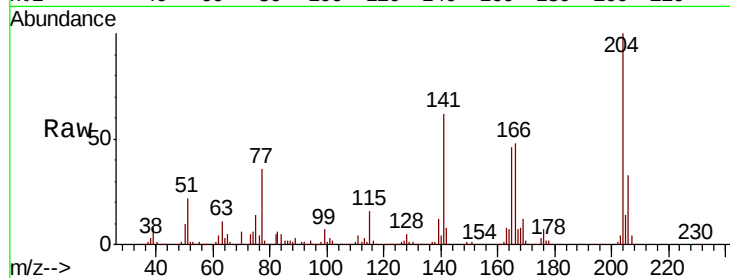




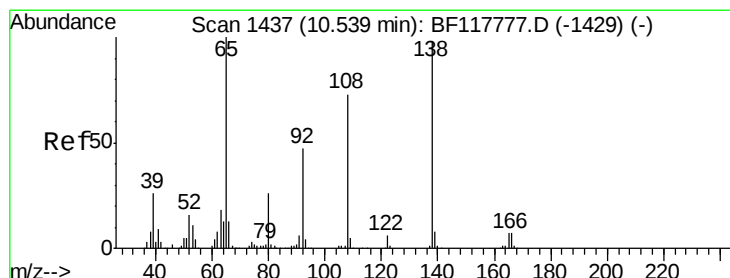
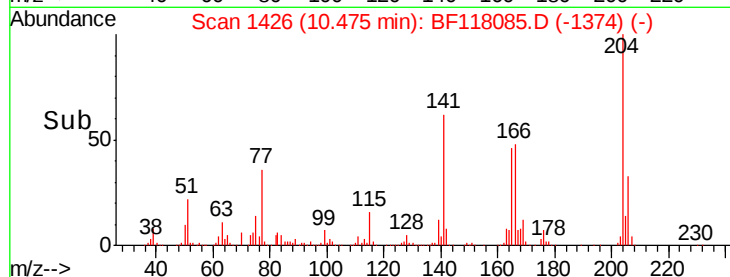
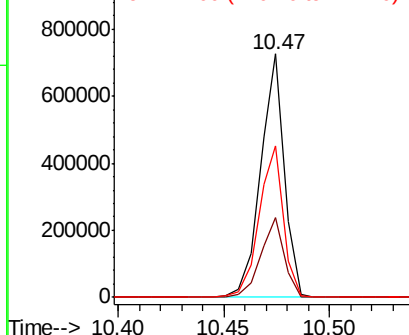
#61
4-Chlorophenyl-phenylether
Concen: 45.438 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 564950
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 62.4 55.1 82.7

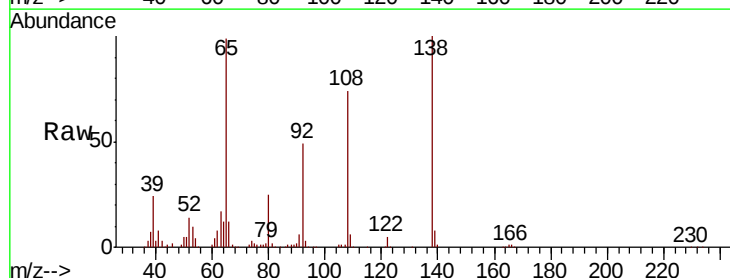


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

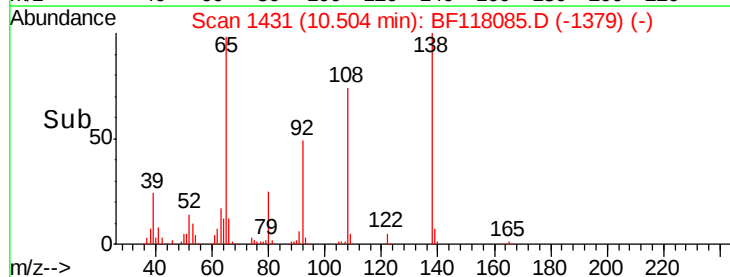
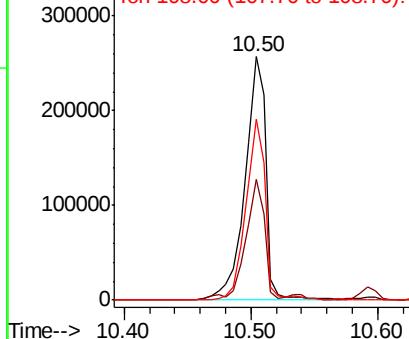


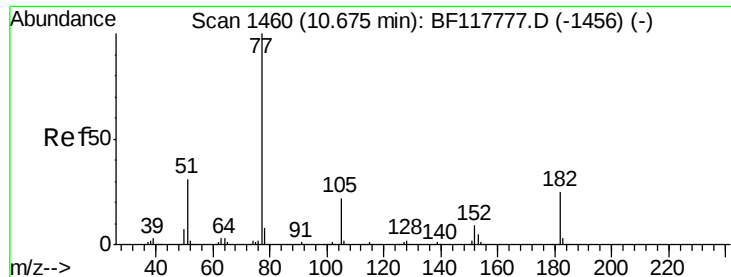
#62
4-Nitroaniline
Concen: 39.739 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:138 Resp: 292261
Ion Ratio Lower Upper
138 100
92 49.4 27.5 67.5
108 74.1 57.9 97.9



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

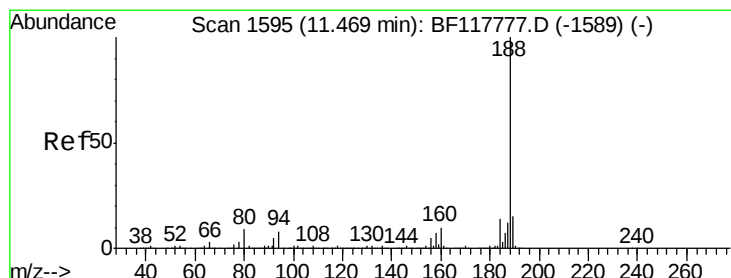
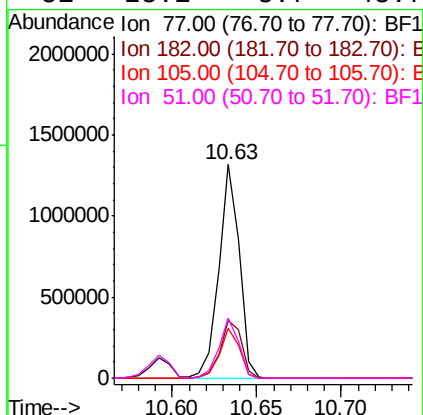
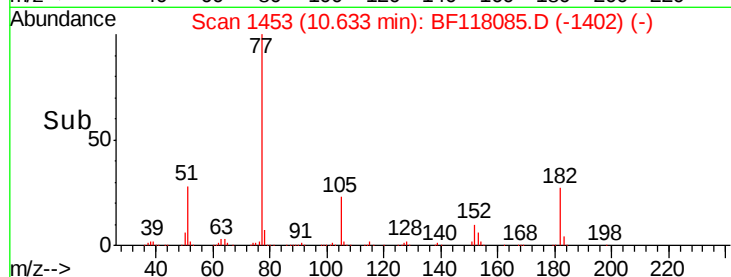
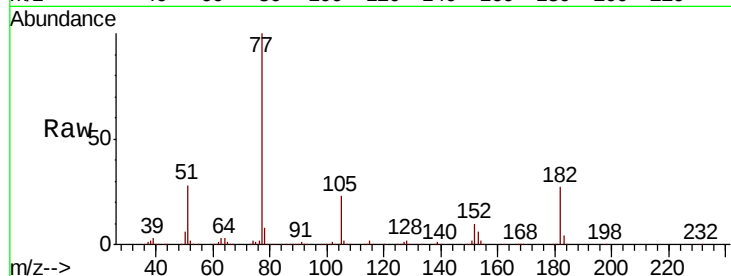




#63
Azobenzene
Concen: 44.755 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

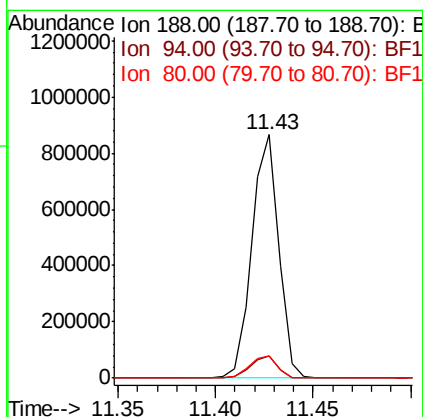
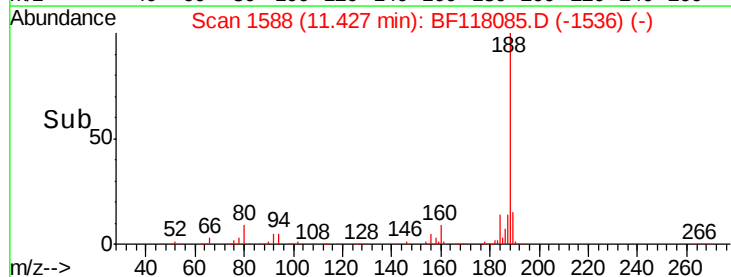
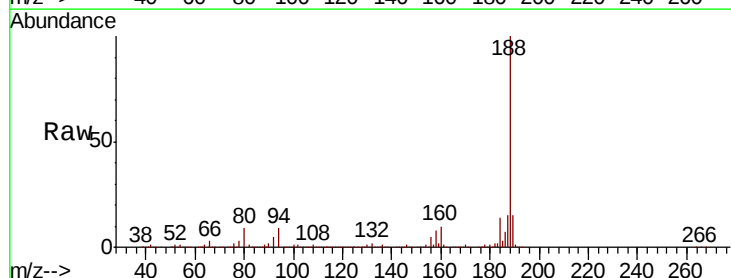
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1114937
Ion Ratio Lower Upper
77 100
182 27.3 8.2 48.2
105 23.1 2.1 42.1
51 28.1 8.7 48.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion: 188 Resp: 824220
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.0 7.2 10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 52.091 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampled :

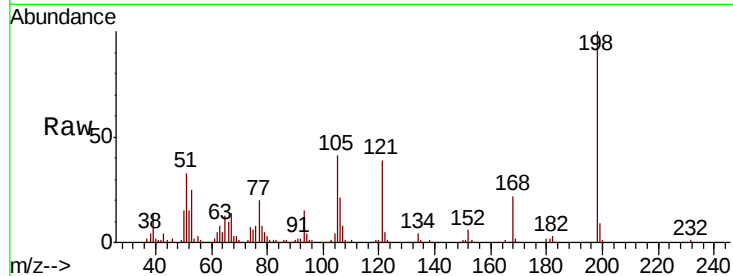
Tot Ion:198 Resp: 200435

Ion	Ratio	Lower	Upper
198	100		
51	33.1	12.6	52.6
105	40.7	17.0	57.0

198 100

51 33.1 12.6 52.6

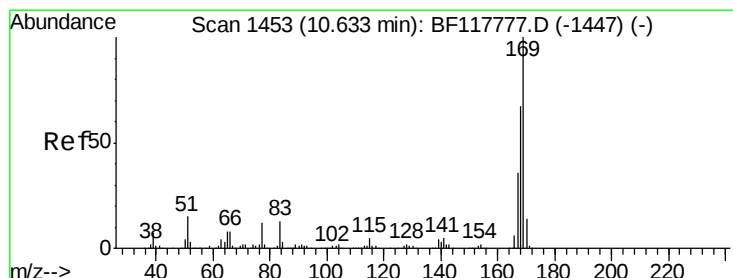
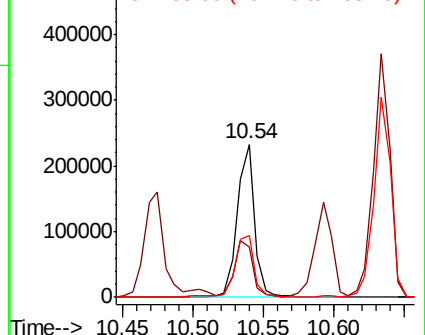
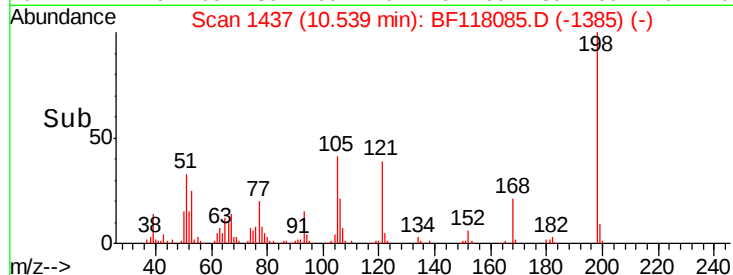
105 40.7 17.0 57.0



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: 43.170 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

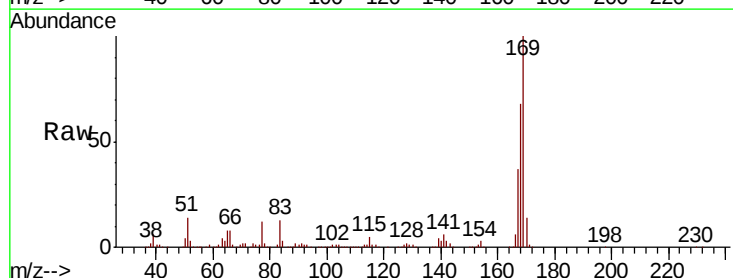
Tgt Ion:169 Resp: 1035519

Ion	Ratio	Lower	Upper
169	100		
168	67.7	52.5	78.7
167	36.9	28.4	42.6

169 100

168 67.7 52.5 78.7

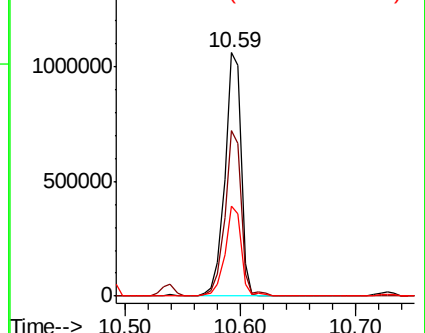
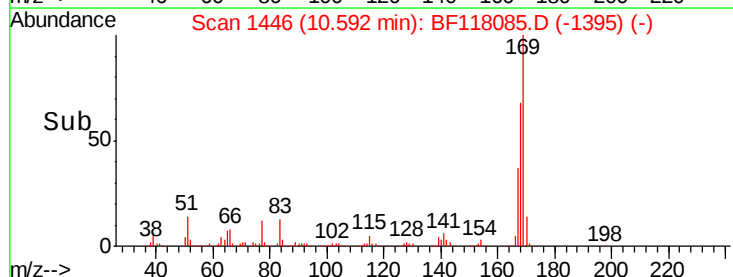
167 36.9 28.4 42.6

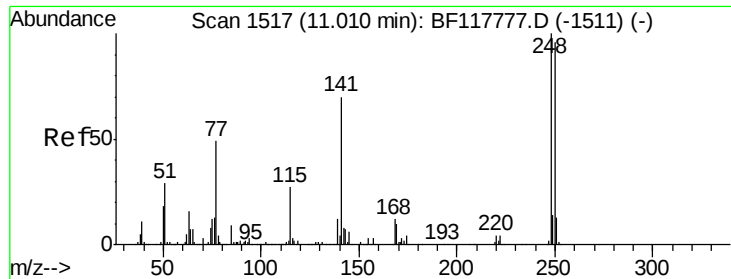


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

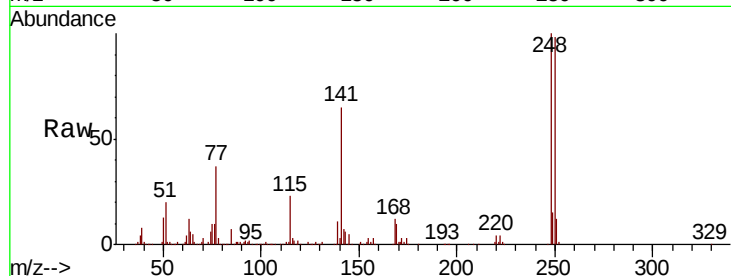




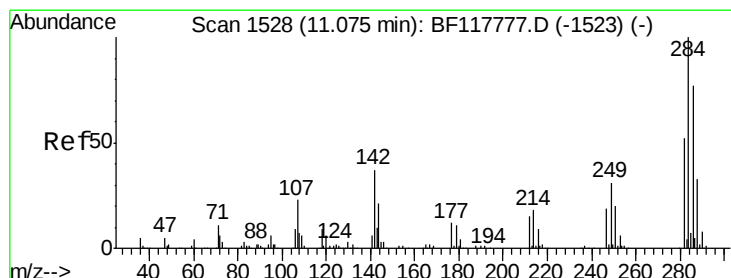
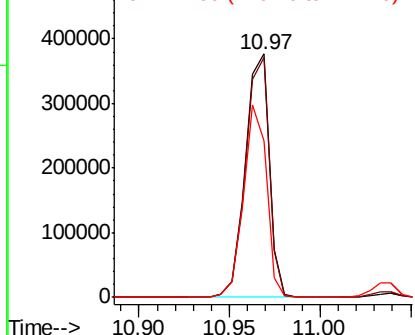
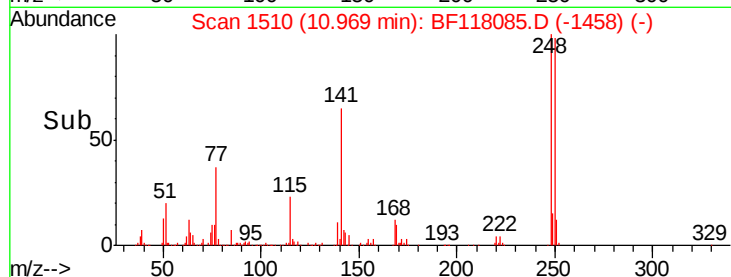
#67
4-Bromophenyl-phenylether
Concen: 38.875 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 345723
Ion Ratio Lower Upper
248 100
250 98.5 78.0 117.0
141 64.5 64.0 96.0

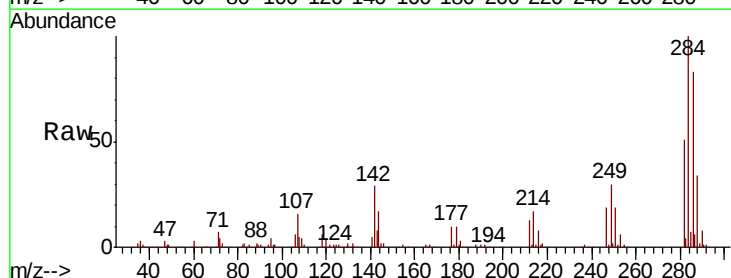


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

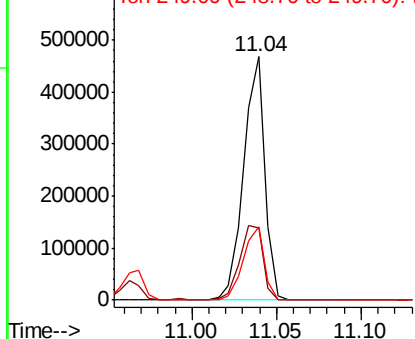
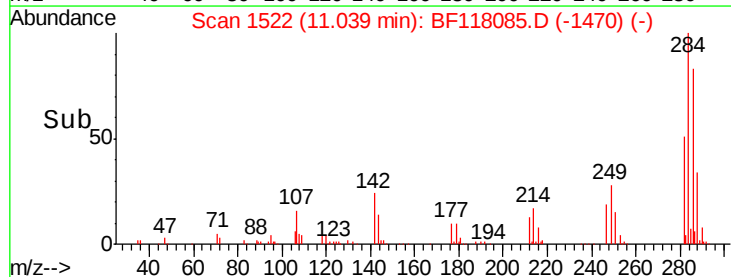


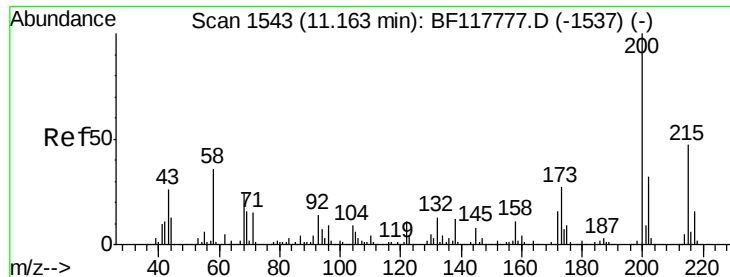
#68
Hexachlorobenzene
Concen: 39.620 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:284 Resp: 410855
Ion Ratio Lower Upper
284 100
142 29.4 27.3 40.9
249 29.9 24.8 37.2



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

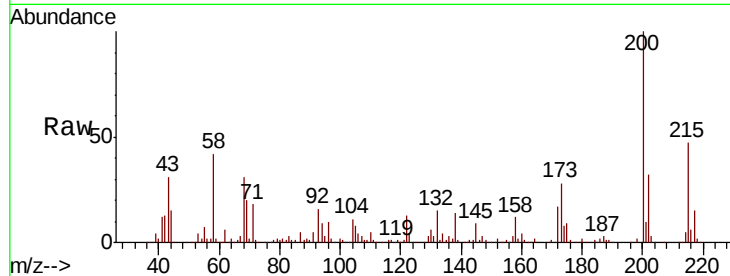




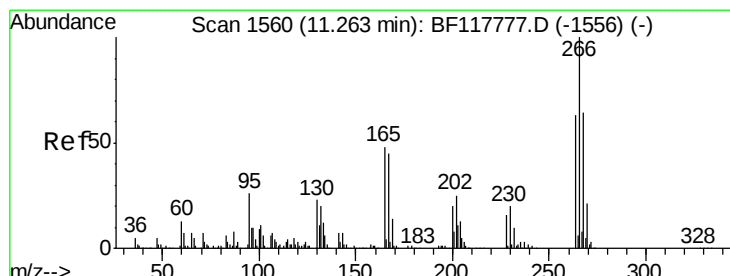
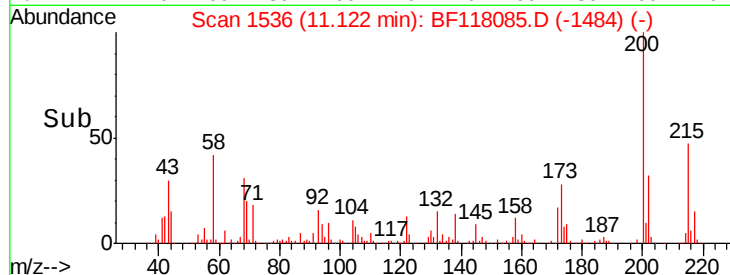
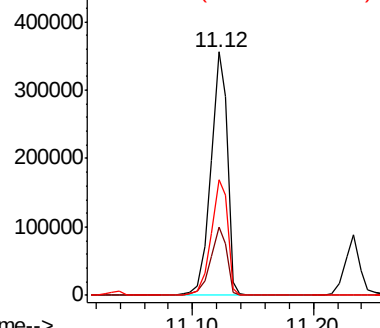
#69
Atrazine
Concen: 42.984 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 339174
Ion Ratio Lower Upper
200 100
173 28.1 7.9 47.9
215 47.2 27.0 67.0

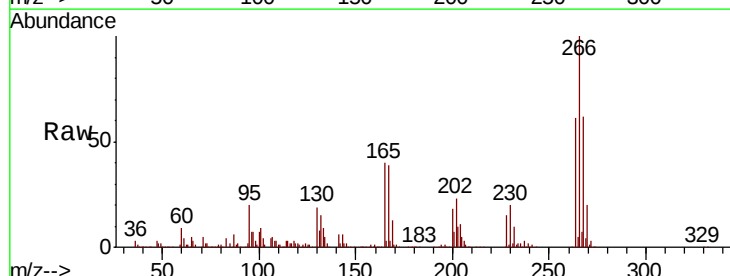


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

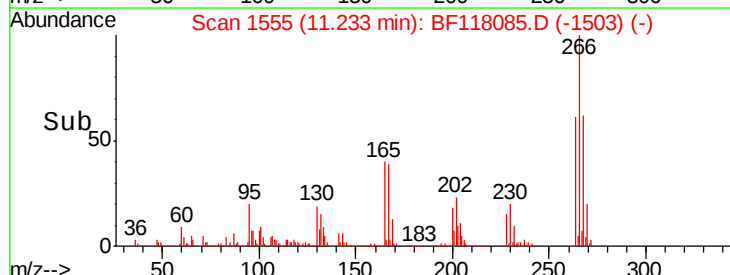
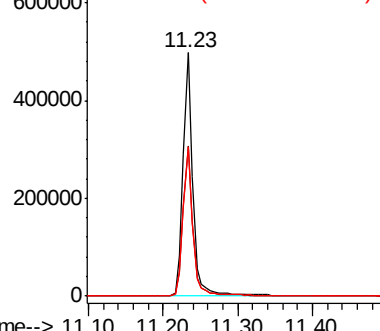


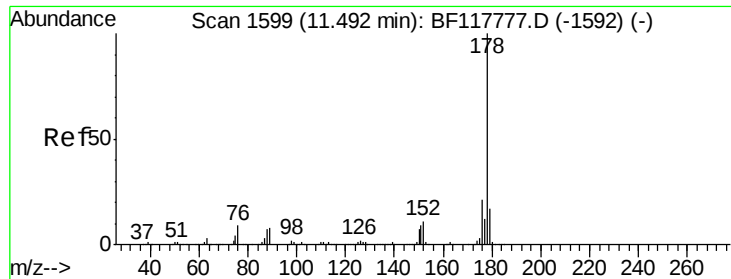
#70
Pentachlorophenol
Concen: 75.904 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:266 Resp: 459861
Ion Ratio Lower Upper
266 100
268 61.7 50.3 75.5
264 61.1 50.3 75.5



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: 43.405 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

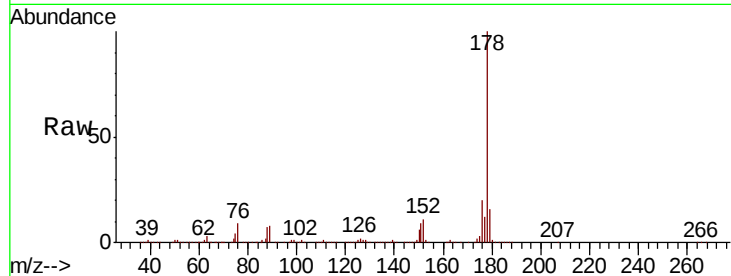
Tot Ion:178 Resp: 1798666

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

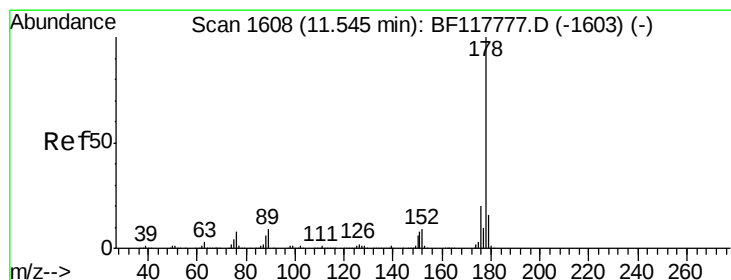
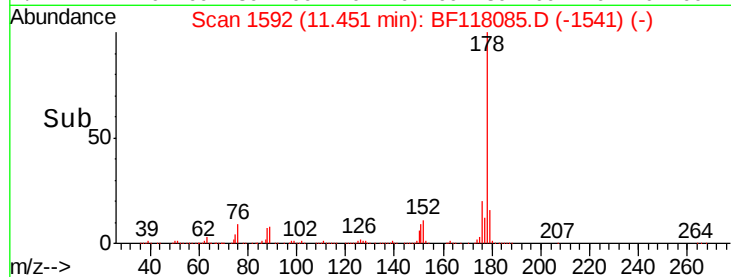
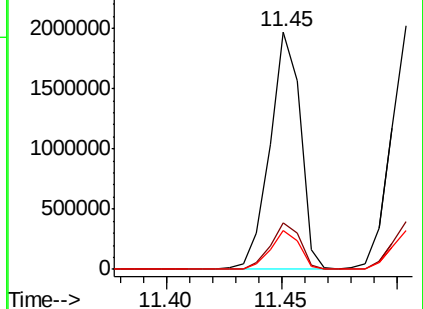
179 16.4 12.3 18.5



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: 43.114 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

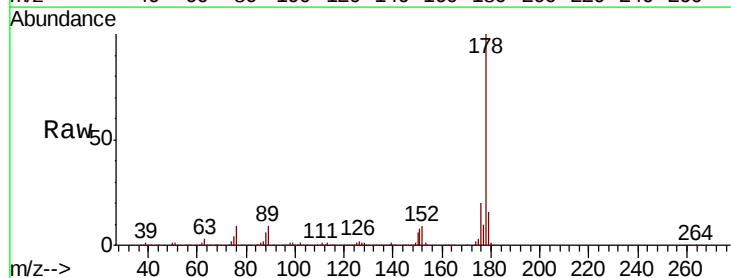
Tgt Ion:178 Resp: 1771356

Ion Ratio Lower Upper

178 100

176 19.8 15.0 22.6

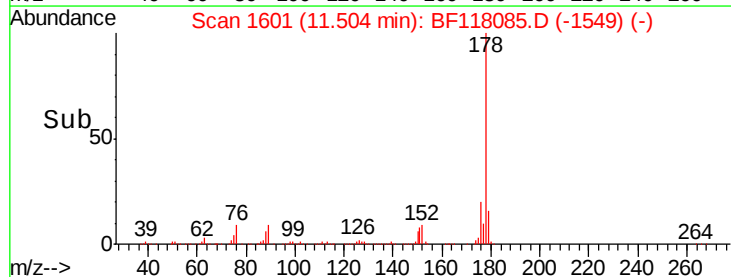
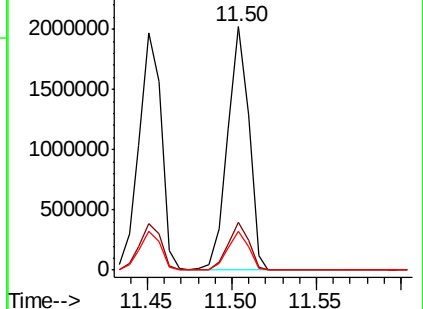
179 16.0 12.8 19.2

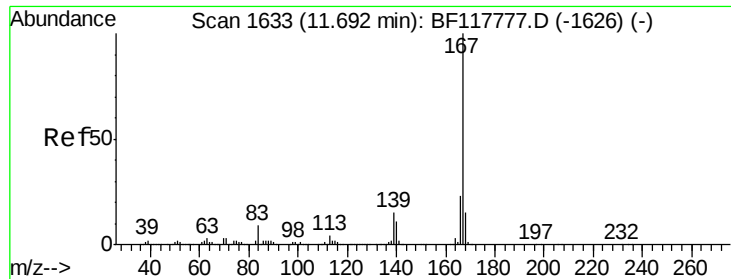


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

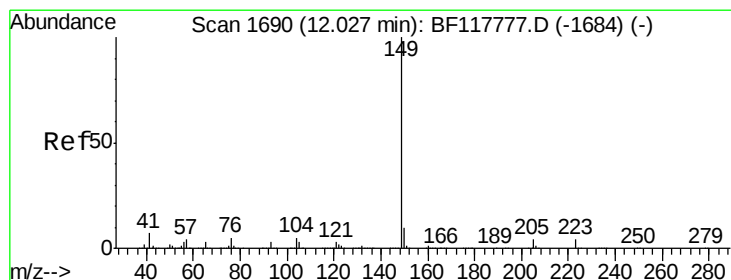
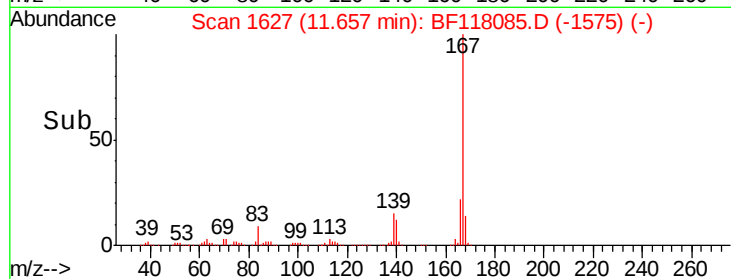
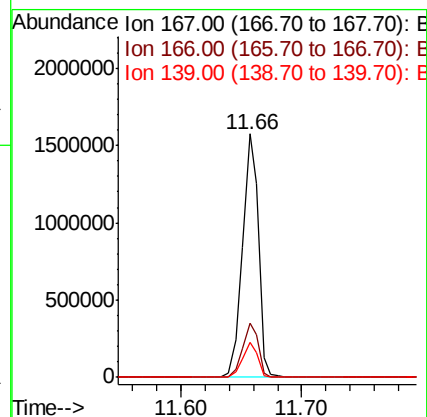
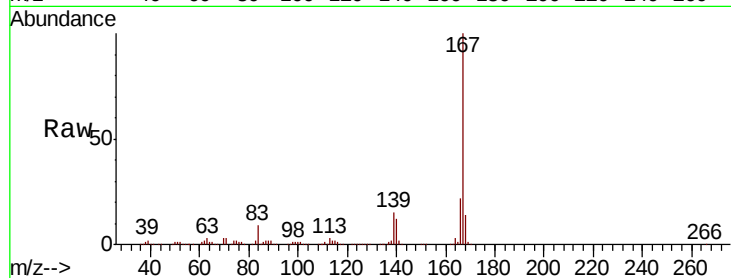




#73
 Carbazole
 Concen: 40.670 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

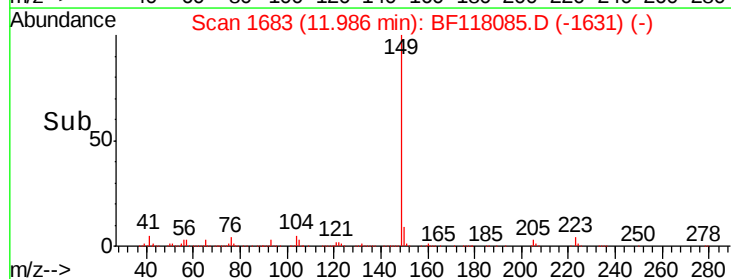
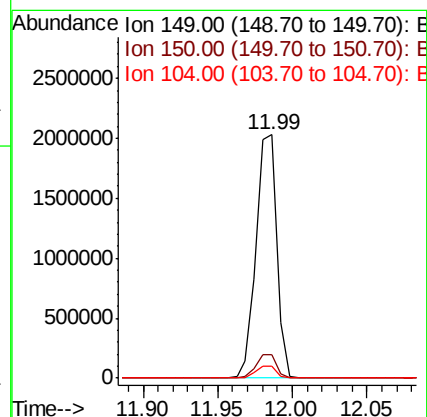
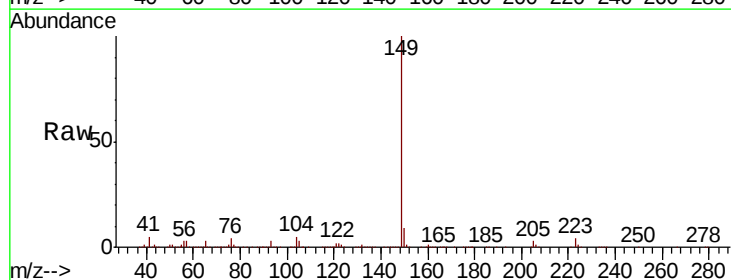
Instrument :
 BNA_F
 ClientSampleId :

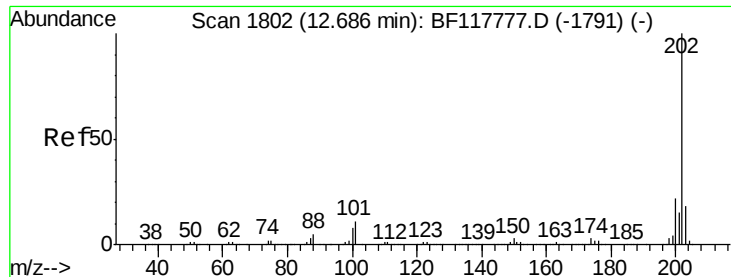
Tot Ion:167 Resp: 1460182
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.5 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 43.414 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion:149 Resp: 1940710
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 4.8 4.2 6.4





#75

Fluoranthene

Concen: 39.617 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

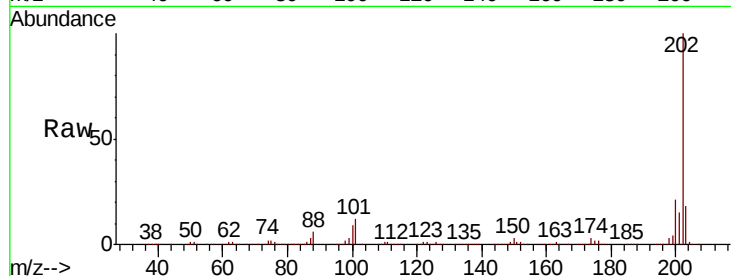
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1528937

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.5
203	18.2	0.0	37.6

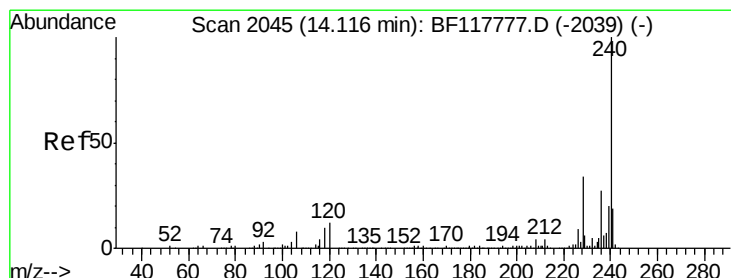
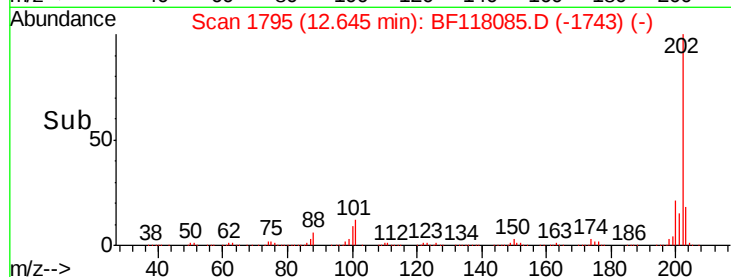
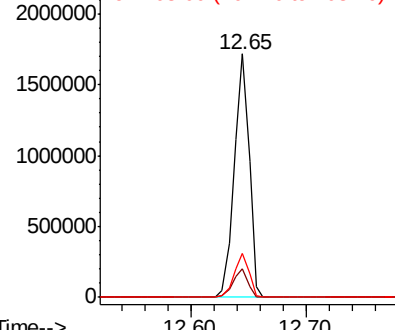


Abundance

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: 14.08 min Scan# 2039

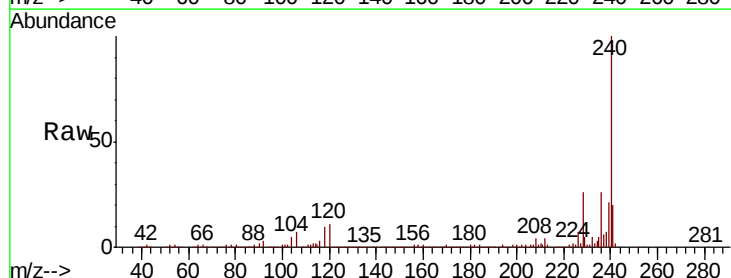
Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Tgt Ion:240 Resp: 509365

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.2	20.6	31.0

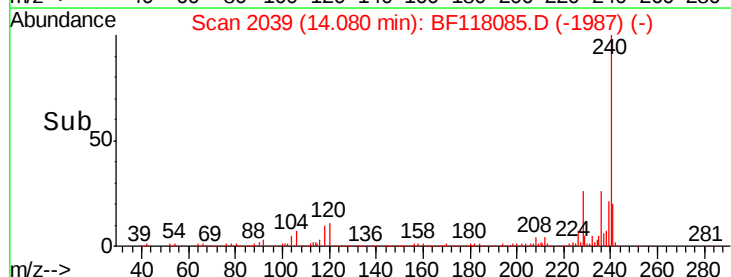
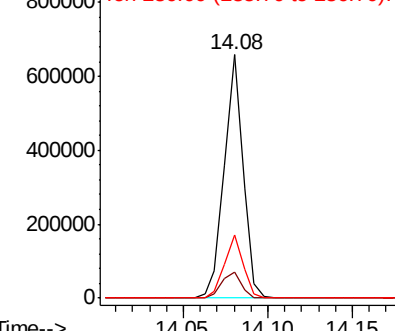


Abundance

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: 13.223 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

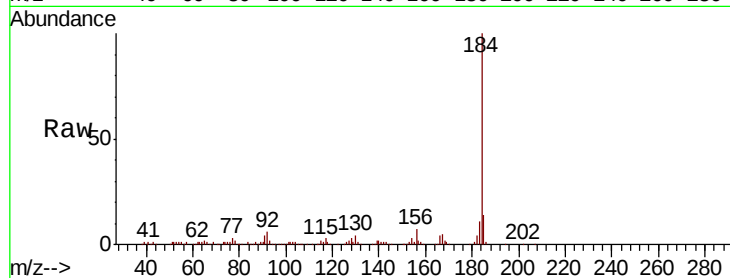
Tot Ion:184 Resp: 220623

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

183 11.2 9.7 14.5

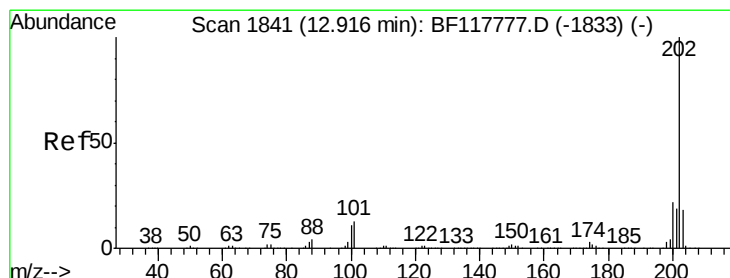
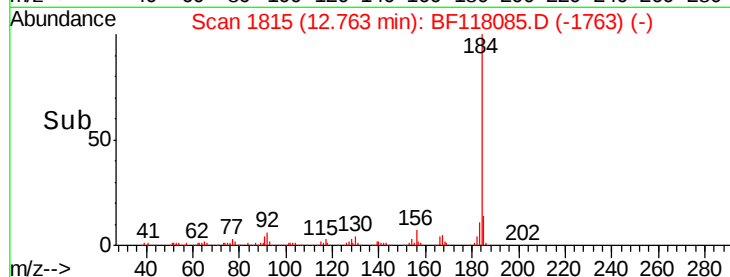
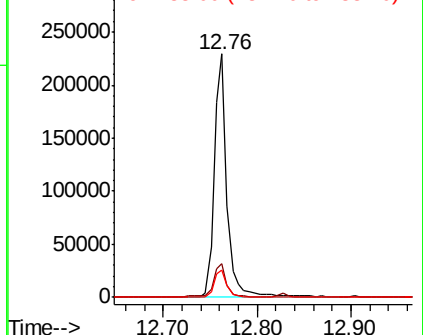


Abundance

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: 41.727 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

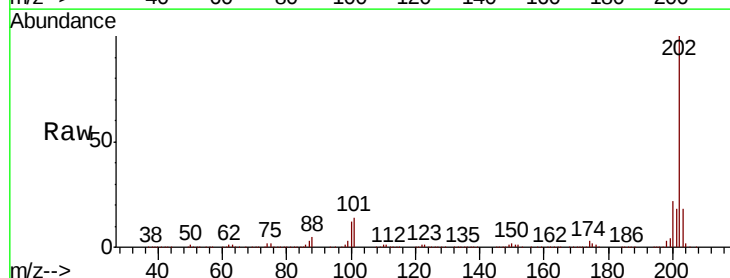
Tgt Ion:202 Resp: 1717672

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

203 18.0 14.2 21.4

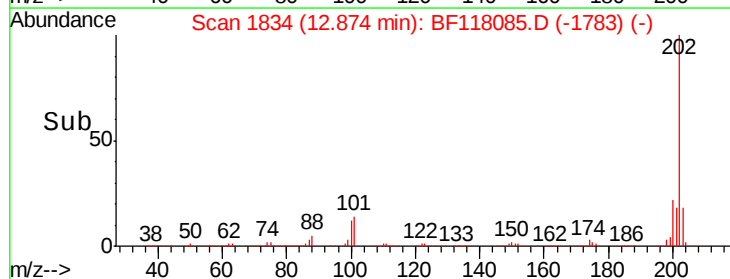
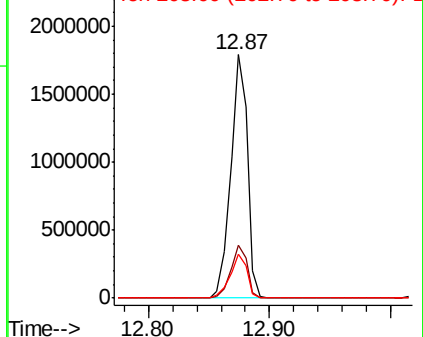


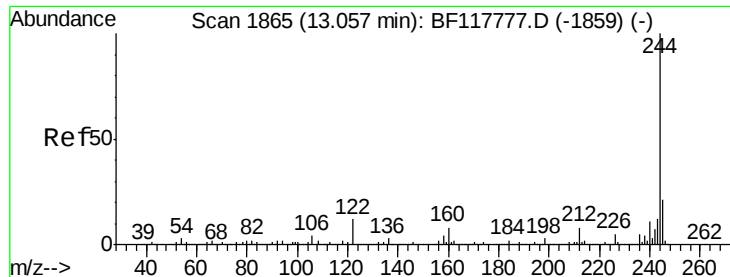
Abundance

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: 70.822 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampled :

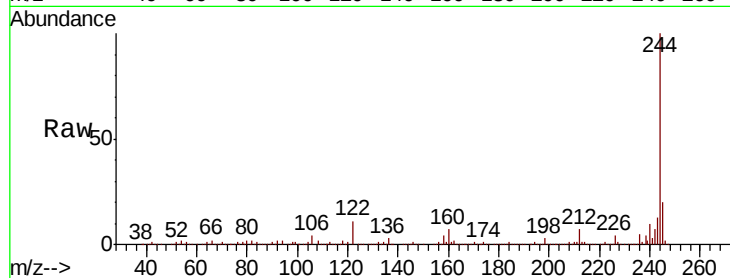
Tot Ion:244 Resp: 1973849

Ion Ratio Lower Upper

244 100

212 7.3 5.2 7.8

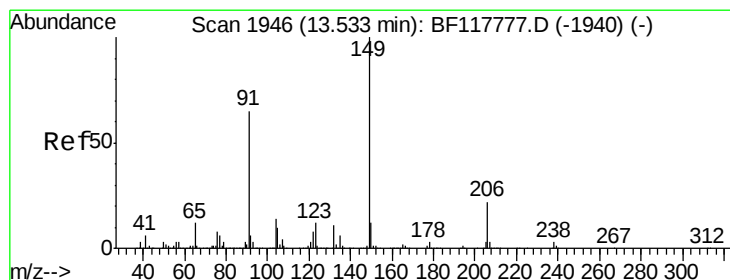
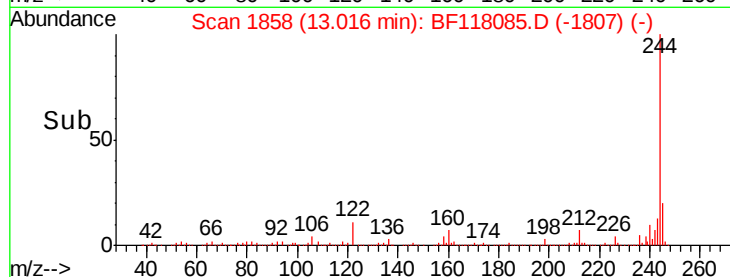
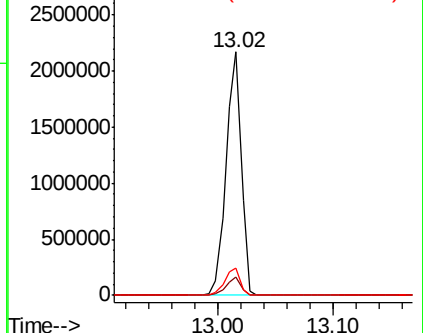
122 11.1 7.2 10.8#



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: 40.676 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

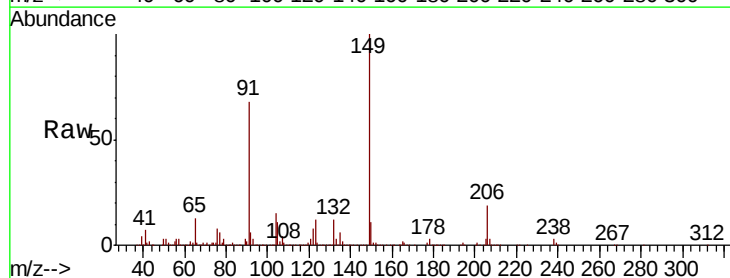
Tgt Ion:149 Resp: 719164

Ion Ratio Lower Upper

149 100

91 68.1 53.1 79.7

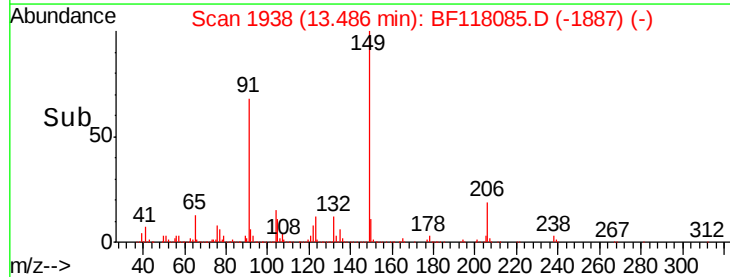
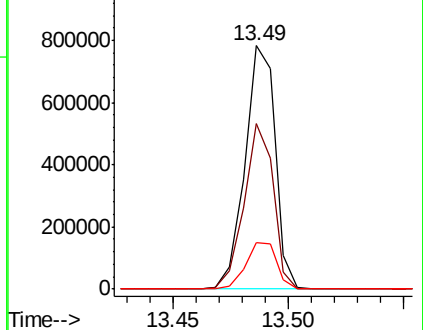
206 19.0 15.8 23.6

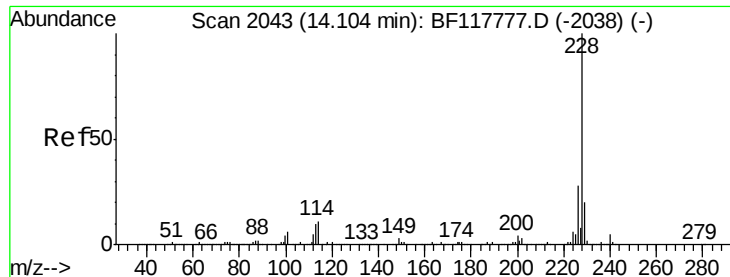


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.891 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

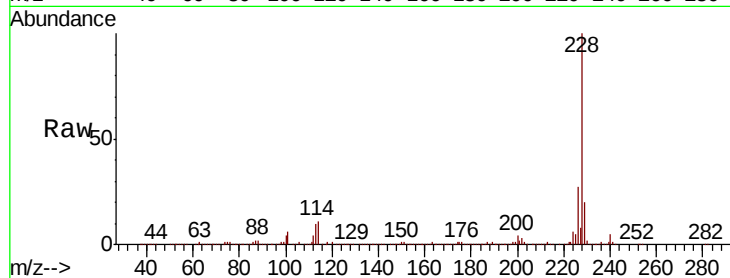
Tot Ion:228 Resp: 1376363

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

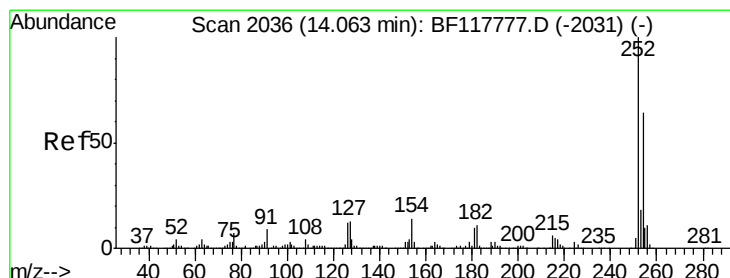
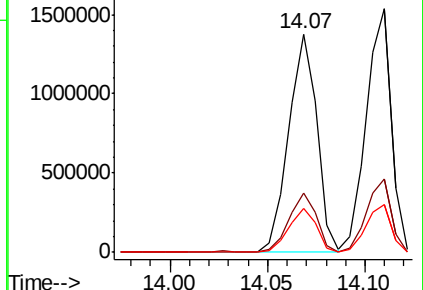
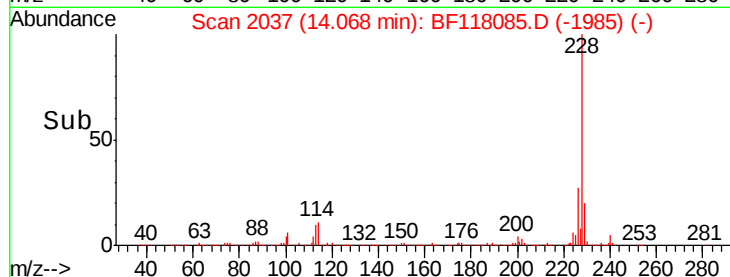
229 20.4 16.2 24.2



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: 31.118 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

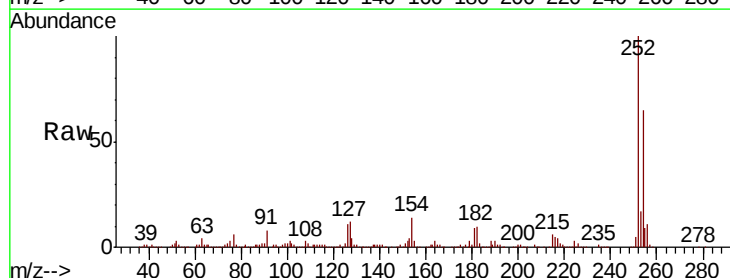
Tgt Ion:252 Resp: 366385

Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

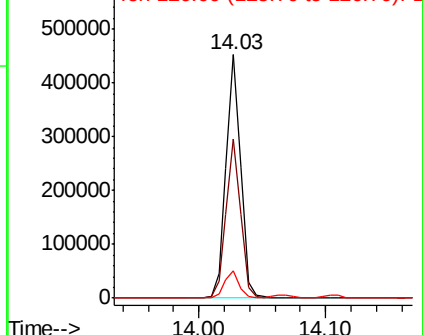
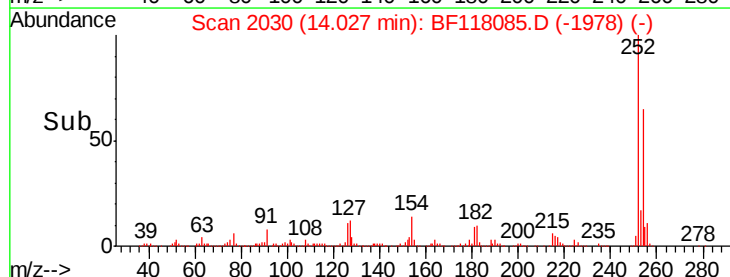
126 11.3 9.3 13.9

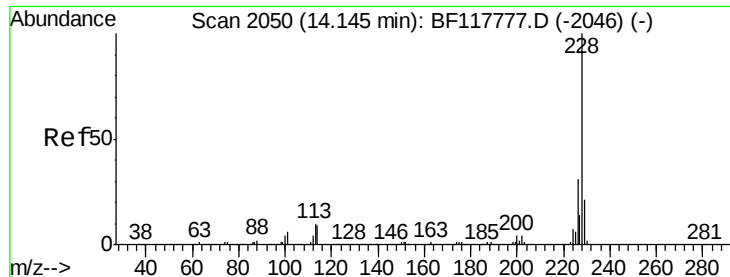


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

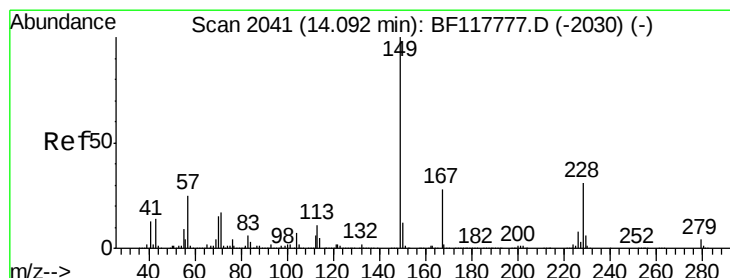
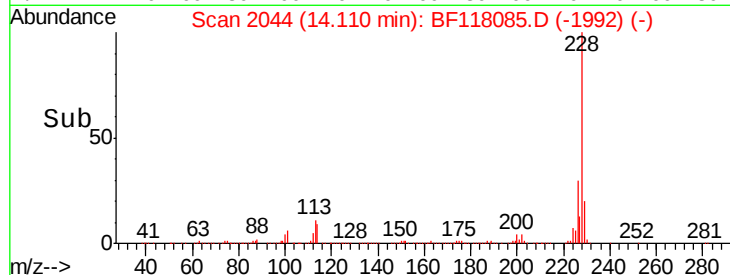
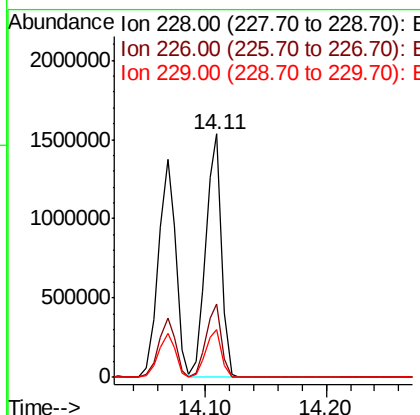
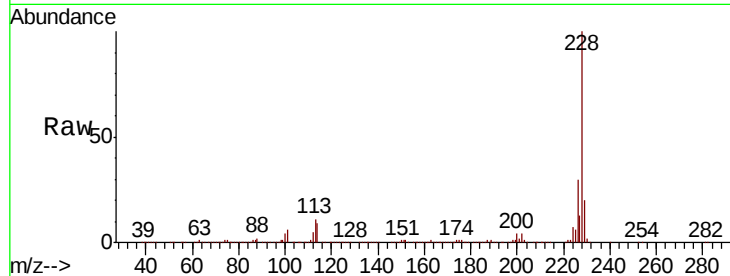




#83
 Chrvsene
 Concen: 42.081 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

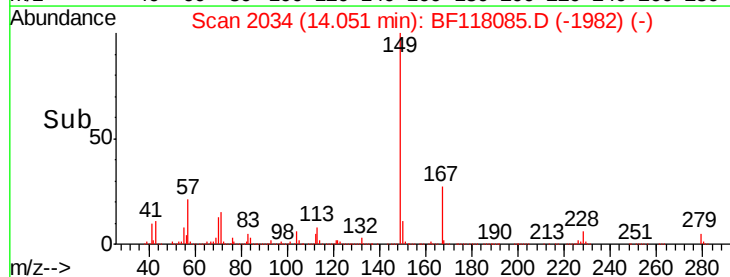
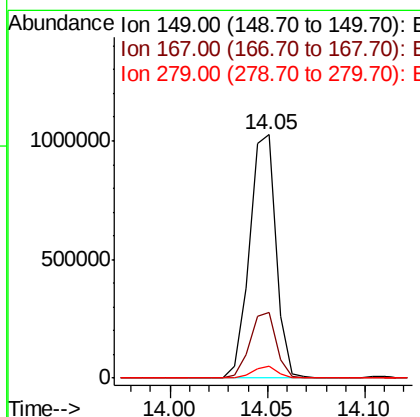
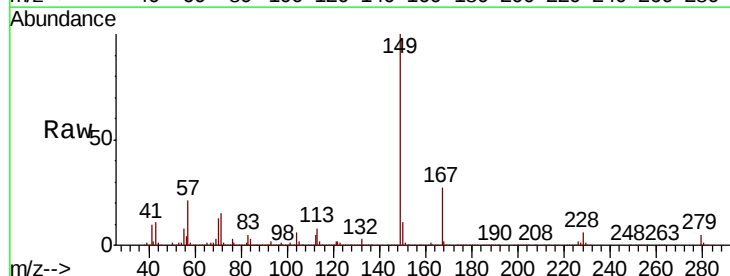
Instrument :
 BNA_F
 ClientSampleId :

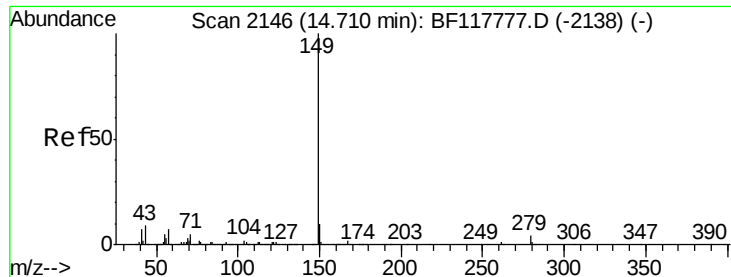
Tot Ion:228 Resp: 1372516
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.6 35.4
 229 19.8 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.204 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion:149 Resp: 968931
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.8
 279 4.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 53.830 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

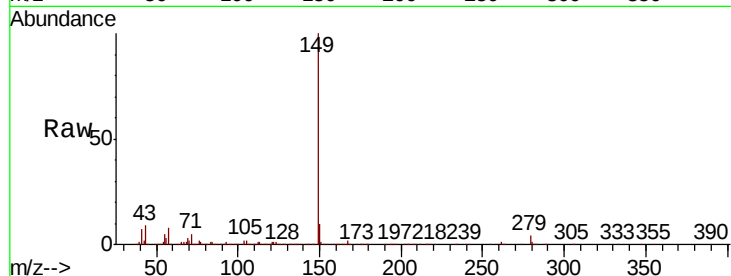
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1695086

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.2	6.4	9.6

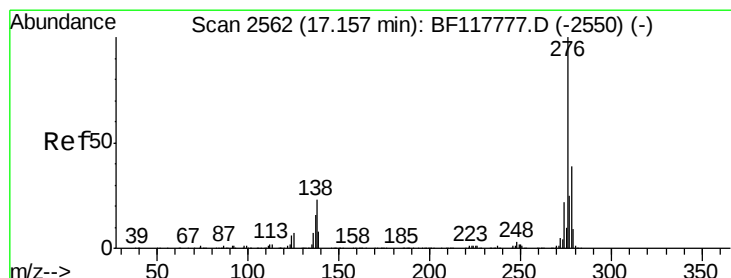
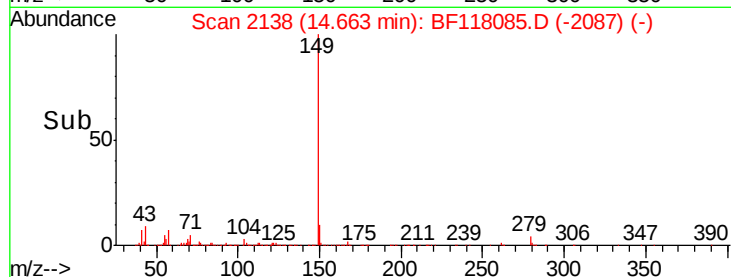
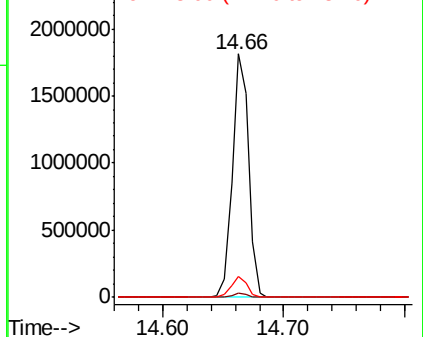


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.083 ng

RT: 17.10 min Scan# 2553

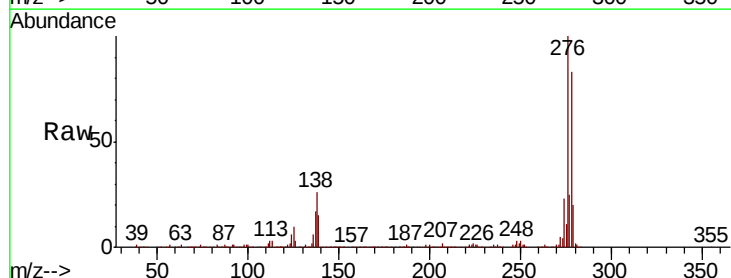
Delta R.T. 0.02 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Tgt Ion:276 Resp: 1279229

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.0	28.6
277	25.3	20.7	31.1

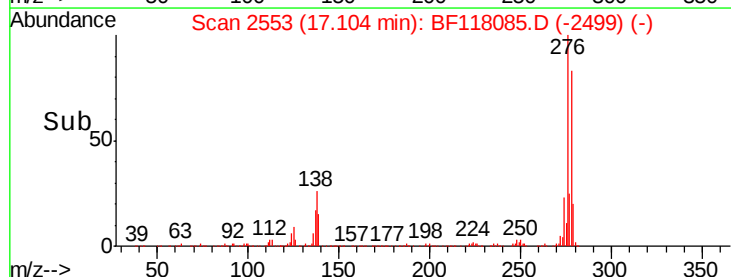
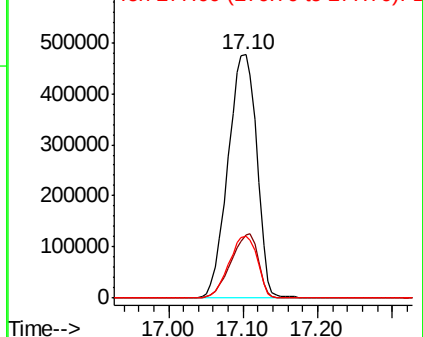


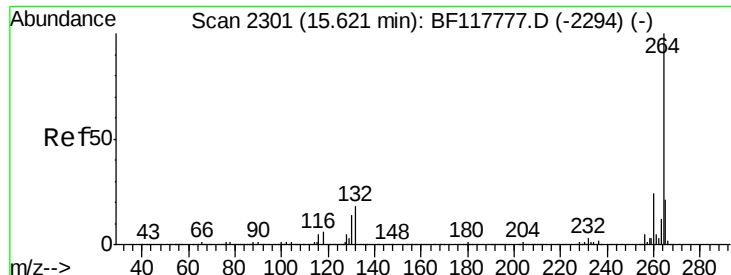
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



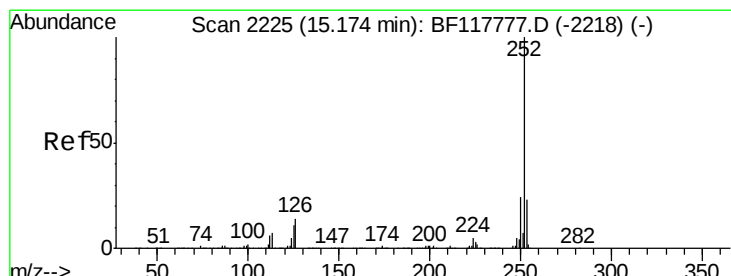
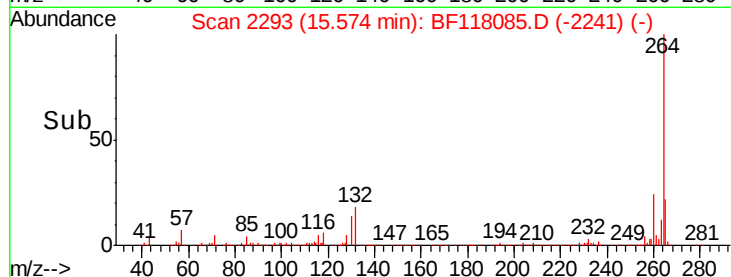
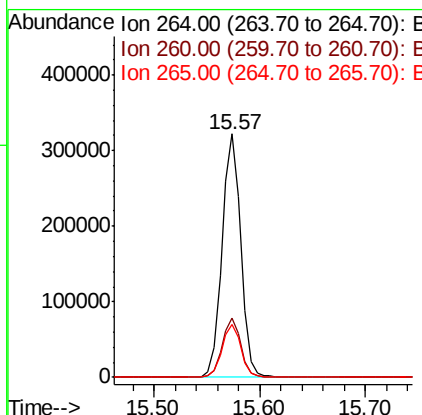
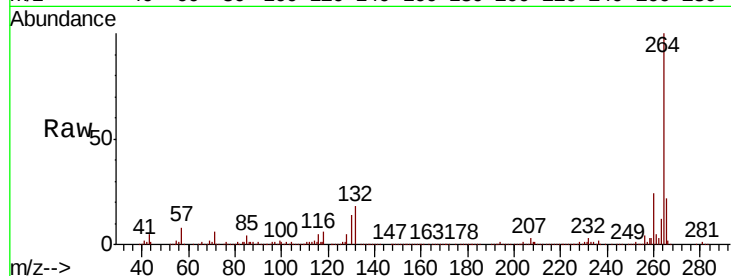


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 399119

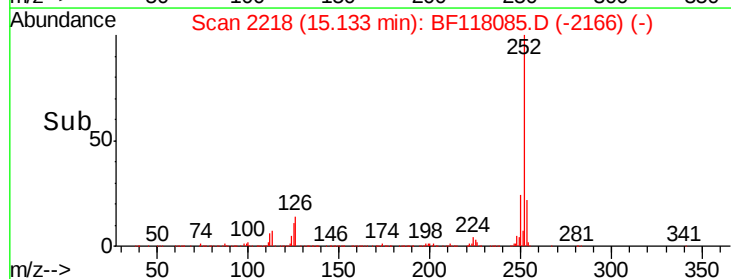
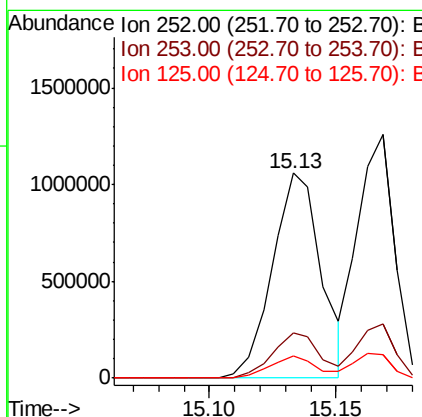
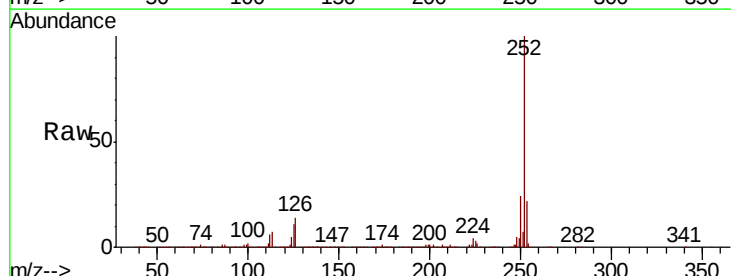
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.9	16.4	24.6

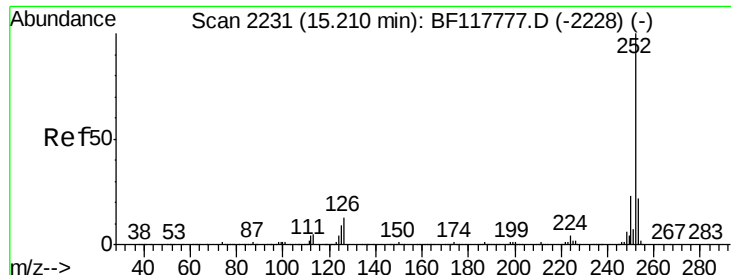


#88
Benzo(b)fluoranthene
Concen: 54.884 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:252 Resp: 1423192

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.6	7.7	11.5

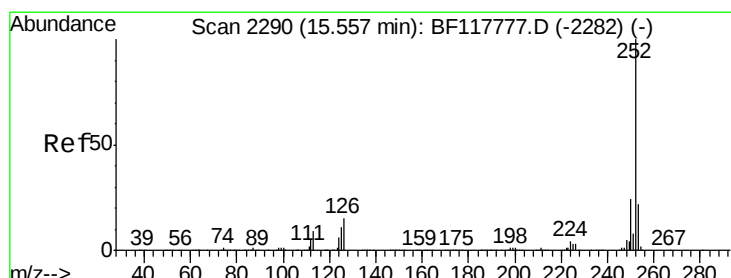
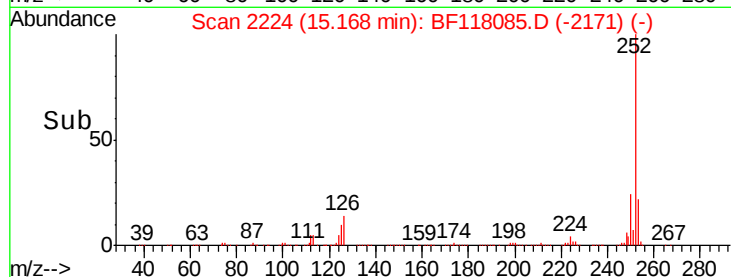
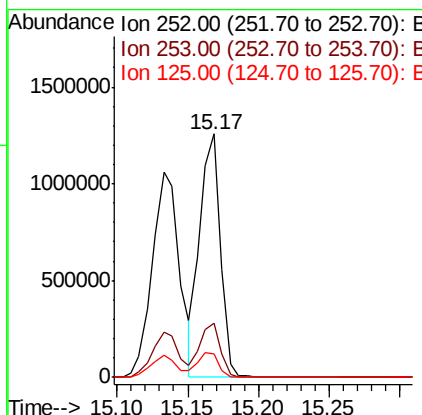
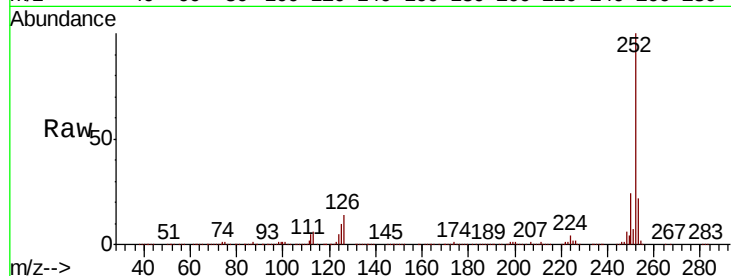




#89
Benzo(k)fluoranthene
Concen: 52.364 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

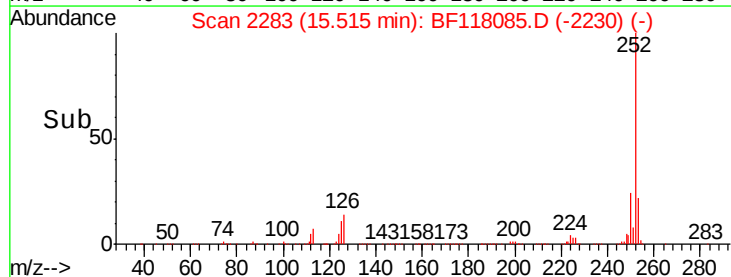
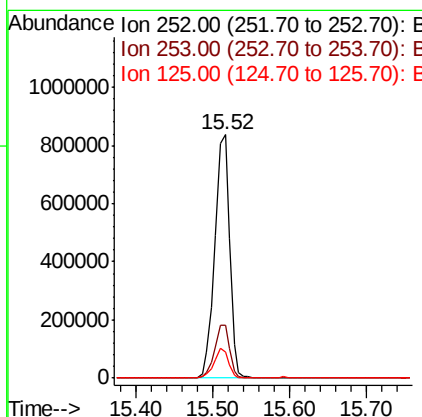
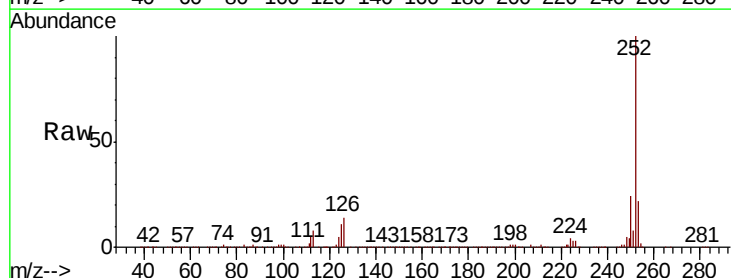
Instrument :
BNA_F
ClientSampleId :

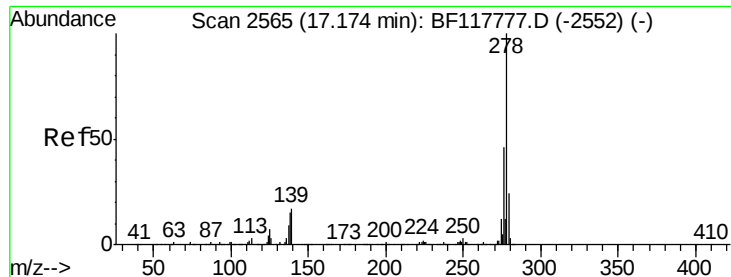
Tot Ion:252 Resp: 1279396
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.9 8.5 12.7



#90
Benzo(a)pyrene
Concen: 48.560 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:252 Resp: 1107270
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 10.9 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 55.473 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.02 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

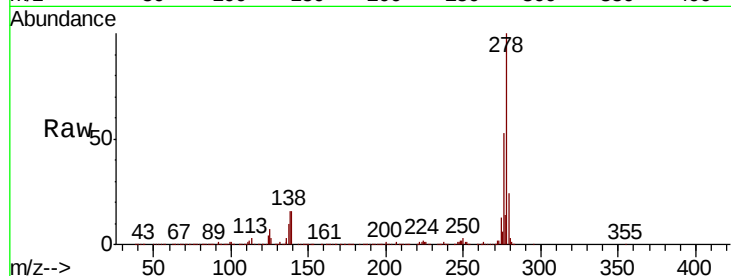
Tot Ion:278 Resp: 1088733

Ion Ratio Lower Upper

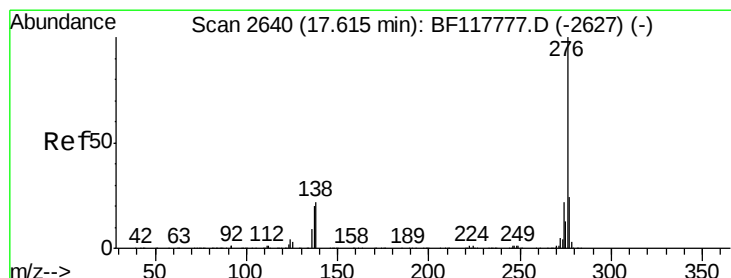
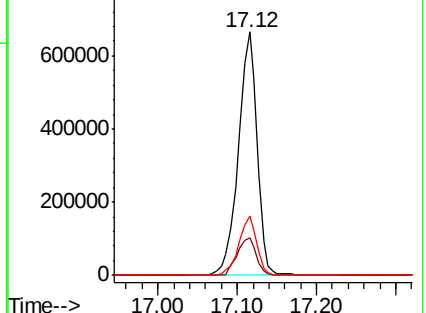
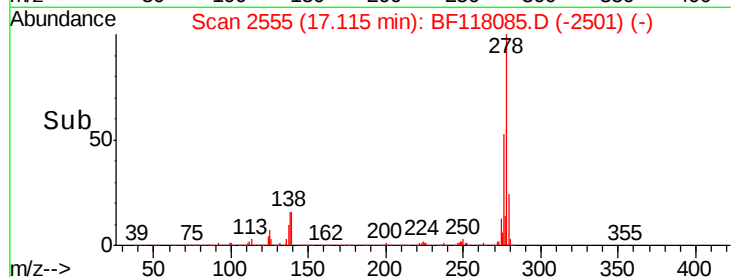
278 100

139 15.5 12.2 18.4

279 24.1 19.0 28.6



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: 54.622 ng

RT: 17.56 min Scan# 2630

Delta R.T. 0.02 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

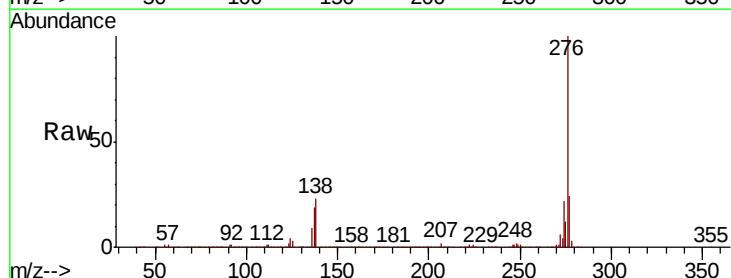
Tgt Ion:276 Resp: 1067771

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 22.5 16.6 25.0



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

