

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119045.D
 Acq On : 25 Feb 2020 2:52
 Operator : CG/JU
 Sample : L1635-13MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 03:33:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	163853	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	614238	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	330175	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	592512	20.00	ng	0.00
76) Chrysene-d12	13.91	240	370386	20.00	ng	0.00
87) Perylene-d12	15.33	264	367686	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1065325	108.66	ng	0.01
7) Phenol-d6	6.40	99	1294774	108.58	ng	0.00
23) Nitrobenzene-d5	7.32	82	865917	74.43	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	450739	104.36	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1673870	74.68	ng	0.00
79) Terphenyl-d14	12.85	244	1763879	81.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	160234	36.706	ng	99
3) Pyridine	3.28	79	411066	34.480	ng	98
4) n-Nitrosodimethylamine	3.20	42	156983	43.467	ng	93
6) Aniline	6.42	93	190848	12.971	ng	# 1
8) 2-Chlorophenol	6.55	128	481204	45.478	ng	97
9) Benzaldehyde	6.30	77	203923	25.597	ng	100
10) Phenol	6.42	94	547166	42.441	ng	95
11) bis(2-Chloroethyl)ether	6.49	93	426562	43.242	ng	99
12) 1,3-Dichlorobenzene	6.70	146	523088	41.246	ng	100
13) 1,4-Dichlorobenzene	6.77	146	528457	41.641	ng	99
14) 1,2-Dichlorobenzene	6.93	146	490410	42.372	ng	98
15) Benzyl Alcohol	6.90	79	390005	45.254	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	350490	41.017	ng	78
17) 2-Methylphenol	7.02	107	377138	43.962	ng	95
18) Hexachloroethane	7.27	117	189922	41.830	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	305627	43.986	ng	99
20) 3+4-Methylphenols	7.17	107	469687	44.689	ng	# 77
22) Acetophenone	7.17	105	621972	43.764	ng	97
24) Nitrobenzene	7.34	77	475302	41.316	ng	100
25) Isophorone	7.58	82	853817	42.261	ng	100
26) 2-Nitrophenol	7.66	139	267376	43.865	ng	98
27) 2,4-Dimethylphenol	7.70	122	385459	46.595	ng	96
28) bis(2-Chloroethoxy)methane	7.79	93	533374	40.559	ng	99
29) 2,4-Dichlorophenol	7.90	162	406138	41.703	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	463038	40.101	ng	99
31) Naphthalene	8.06	128	1333681	41.867	ng	99
32) Benzoic acid	7.85	122	264344	44.378	ng	98
33) 4-Chloroaniline	8.11	127	64116	4.680	ng	96
34) Hexachlorobutadiene	8.18	225	282271	39.245	ng	98
35) Caprolactam	8.49	113	81883	27.306	ng	99
36) 4-Chloro-3-methylphenol	8.61	107	412278	41.829	ng	95
37) 2-Methylnaphthalene	8.75	142	921731	42.996	ng	100
38) 1-Methylnaphthalene	8.85	142	861092	42.710	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	459694	41.294	ng	99

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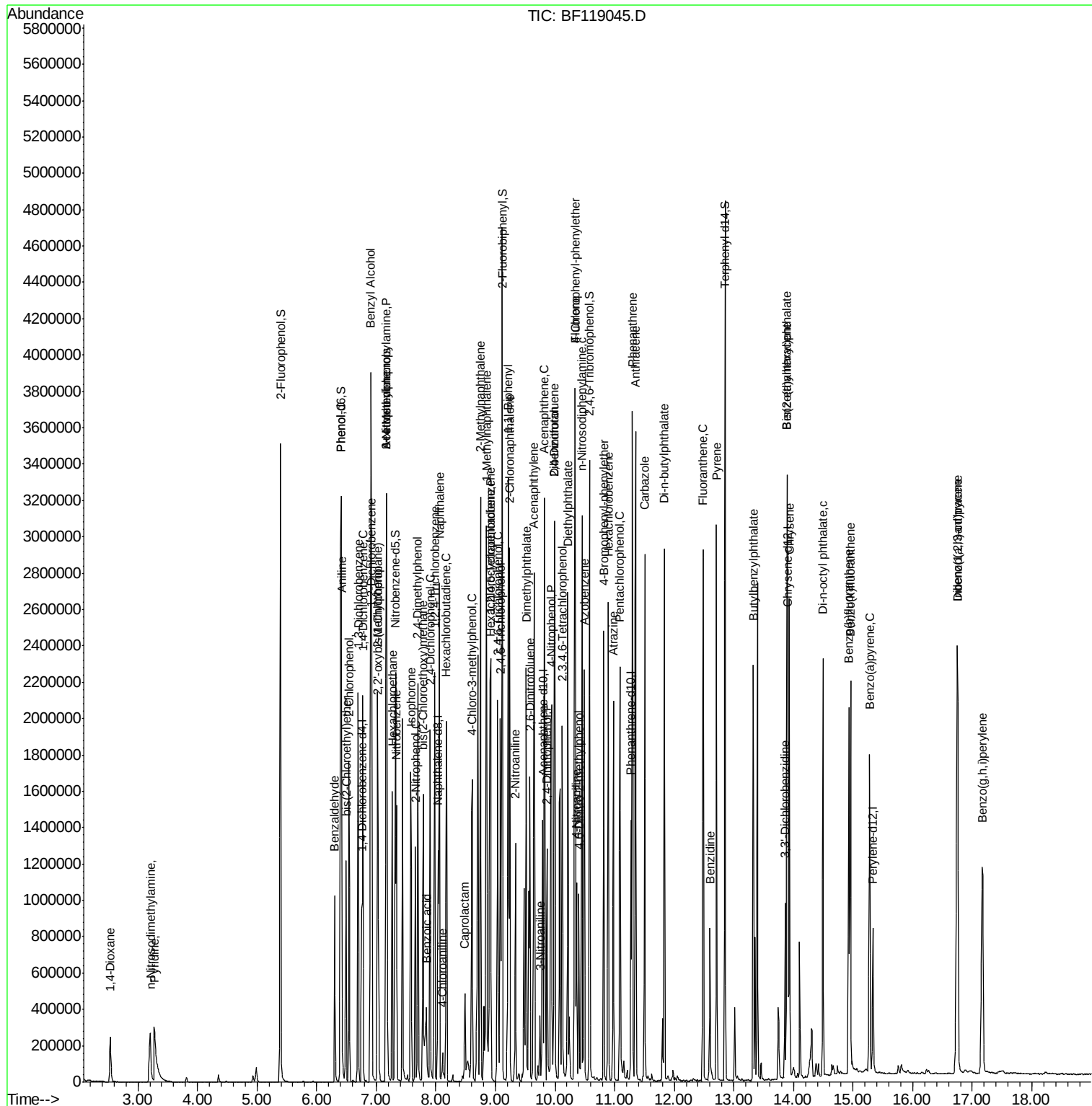
Instrument :
 BNA_F
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Quant Time: Feb 25 03:33:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	296183	73.905	ng	95
43) 2,4,6-Trichlorophenol	9.03	196	297268	42.286	ng	100
44) 2,4,5-Trichlorophenol	9.08	196	310697	42.118	ng	96
46) 1,1'-Biphenyl	9.22	154	1091935	40.920	ng	99
47) 2-Chloronaphthalene	9.24	162	872006	40.551	ng	99
48) 2-Nitroaniline	9.33	65	234197	39.047	ng	96
49) Acenaphthylene	9.65	152	1333282	42.929	ng	100
50) Dimethylphthalate	9.52	163	1163316	46.076	ng	99
51) 2,6-Dinitrotoluene	9.58	165	237876	42.407	ng	97
52) Acenaphthene	9.82	154	776134	41.443	ng	100
53) 3-Nitroaniline	9.75	138	62276	10.014	ng	99
54) 2,4-Dinitrophenol	9.86	184	196380	72.777	ng	92
55) Dibenzofuran	10.00	168	1184828	42.387	ng	99
56) 4-Nitrophenol	9.93	139	298385	79.862	ng	95
57) 2,4-Dinitrotoluene	9.99	165	300352	41.310	ng	93
58) Fluorene	10.34	166	911287	41.955	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	256382	41.189	ng	99
60) Diethylphthalate	10.22	149	999164	41.994	ng	100
61) 4-Chlorophenyl-phenylether	10.33	204	489244	42.553	ng	98
62) 4-Nitroaniline	10.36	138	204983	32.218	ng	100
63) Azobenzene	10.49	77	879700	42.536	ng	95
65) 4,6-Dinitro-2-methylphenol	10.40	198	160988	44.901	ng	93
66) n-Nitrosodiphenylamine	10.45	169	821770	42.357	ng	100
67) 4-Bromophenyl-phenylether	10.82	248	321226	41.476	ng	97
68) Hexachlorobenzene	10.89	284	356765	39.954	ng	97
69) Atrazine	10.98	200	295835	43.643	ng	98
70) Pentachlorophenol	11.09	266	308724	85.828	ng	99
71) Phenanthrene	11.30	178	1315083	40.699	ng	99
72) Anthracene	11.35	178	1373239	42.534	ng	100
73) Carbazole	11.50	167	1140418	39.649	ng	99
74) Di-n-butylphthalate	11.83	149	1495572	42.937	ng	99
75) Fluoranthene	12.49	202	1306836	38.101	ng	98
77) Benzidine	12.60	184	341540	22.674	ng	97
78) Pyrene	12.71	202	1288485	43.323	ng	100
80) Butylbenzylphthalate	13.33	149	555995	44.418	ng	95
81) Benzo(a)anthracene	13.90	228	995691	39.454	ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	211195	21.551	ng	100
83) Chrysene	13.93	228	977122	38.857	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	752305	47.572	ng	99
85) Di-n-octyl phthalate	14.49	149	1166420	46.293	ng	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	1165982	47.887	ng	98
88) Benzo(b)fluoranthene	14.93	252	965996	39.858	ng	99
89) Benzo(k)fluoranthene	14.96	252	946951	42.162	ng	99
90) Benzo(a)pyrene	15.27	252	884425	40.434	ng	99
91) Dibenzo(a,h)anthracene	16.75	278	966433	50.214	ng	99
92) Benzo(g,h,i)perylene	17.17	276	1009552	53.089	ng	99

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

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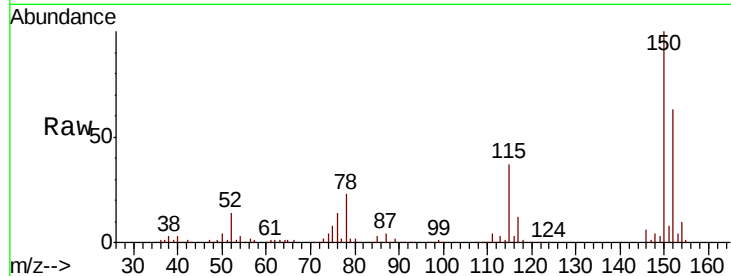


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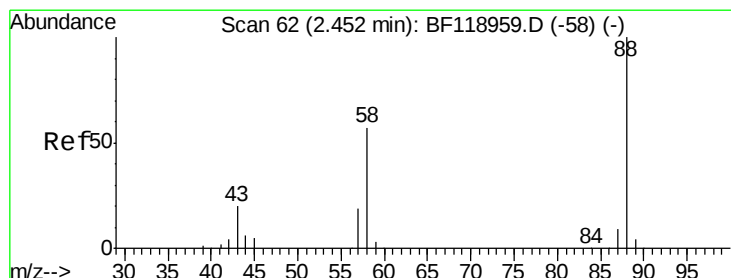
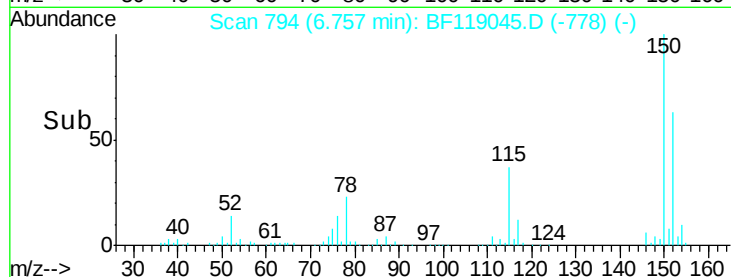
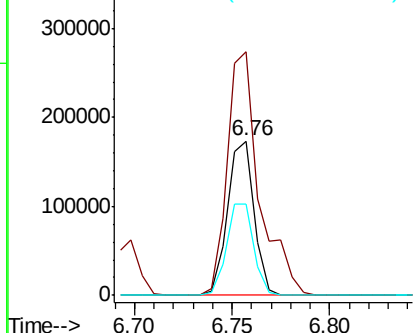
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.3	186.5
115	58.9	44.6	67.0



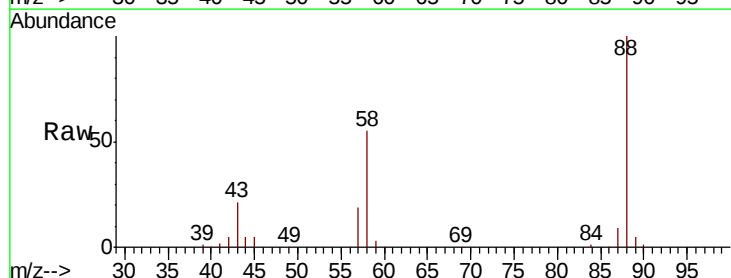
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



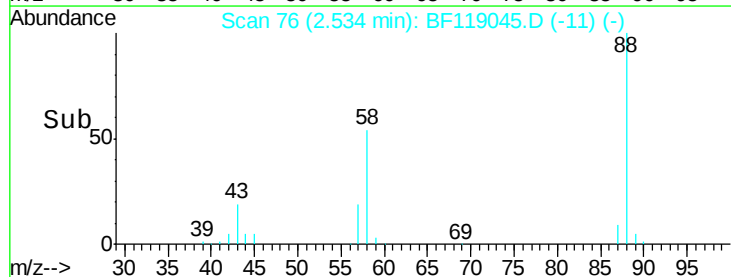
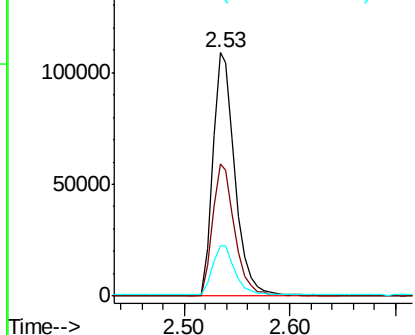
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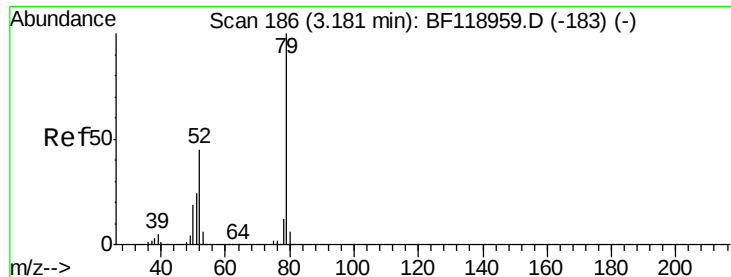
1,4-Dioxane
Concen: 36.706 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.08 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.8	44.6	66.8
43	20.6	16.0	24.0



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

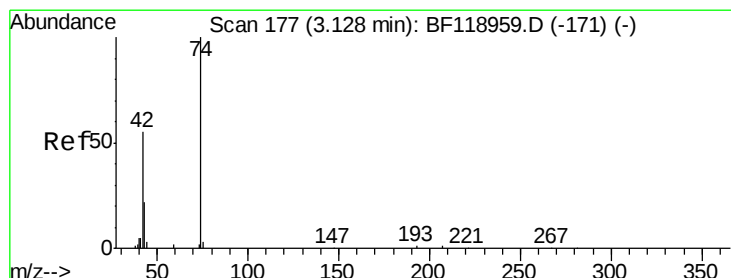
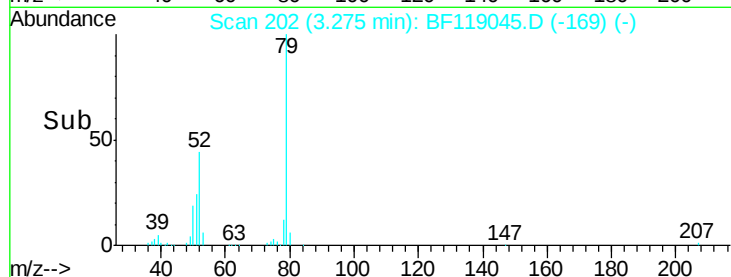
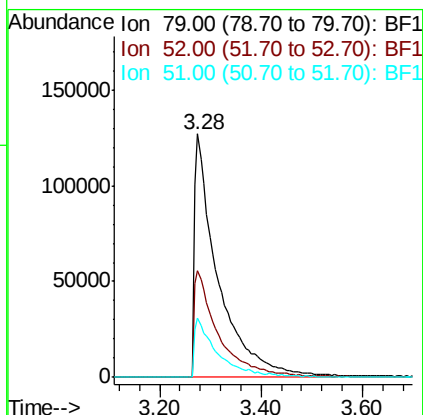
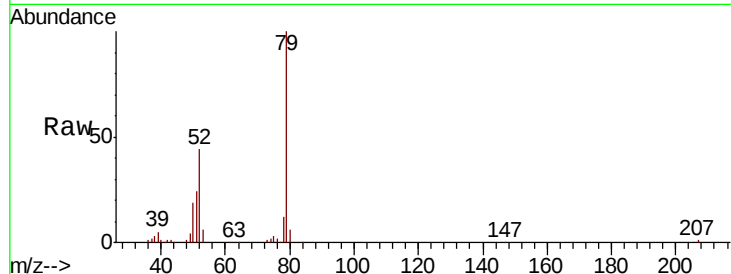




#3
 Pvridine
 Concen: 34.480 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.09 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

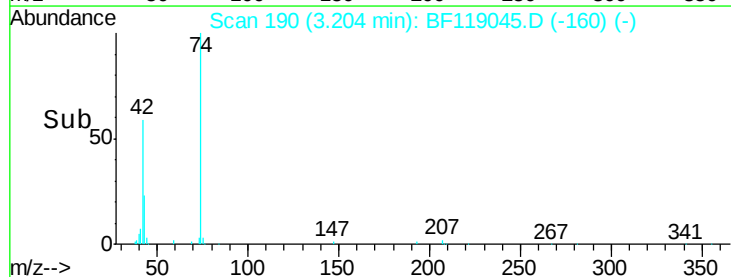
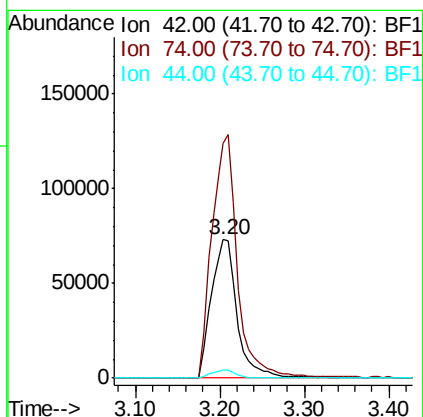
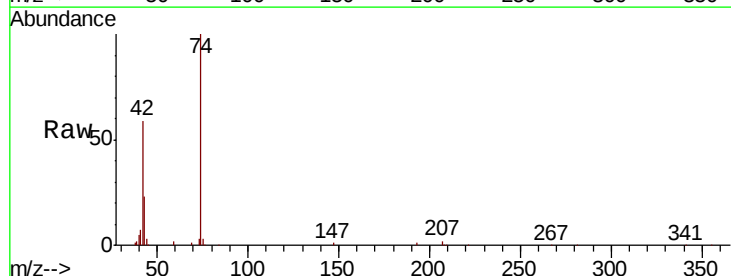
Instrument :
 BNA_F
 ClientSampleId :

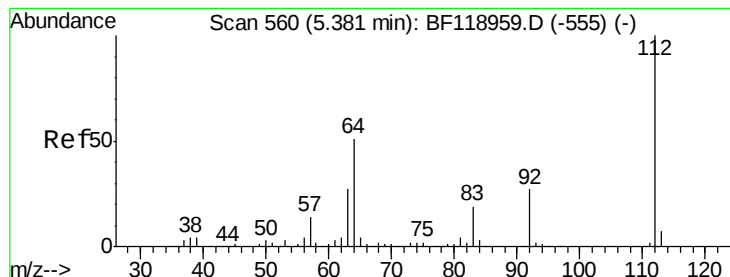
Tot Ion	Ratio	Lower	Upper
79	100		
52	43.9	36.3	54.5
51	24.3	19.5	29.3



#4
 n-Nitrosodimethylamine
 Concen: 43.467 ng
 RT: 3.20 min Scan# 190
 Delta R.T. 0.08 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	170.1	144.4	216.6
44	5.8	4.5	6.7





#5

2-Fluorophenol

Concen: 108.655 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampled :

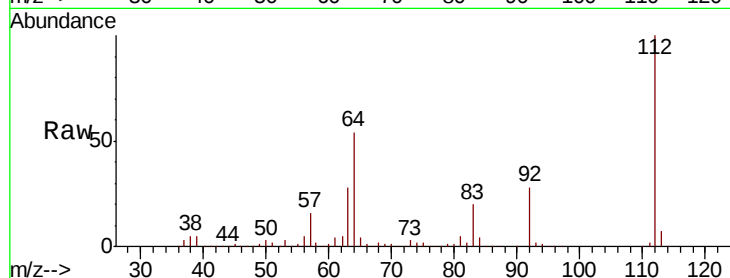
Tot Ion:112 Resp: 1065325

Ion Ratio Lower Upper

112 100

64 53.8 40.4 60.6

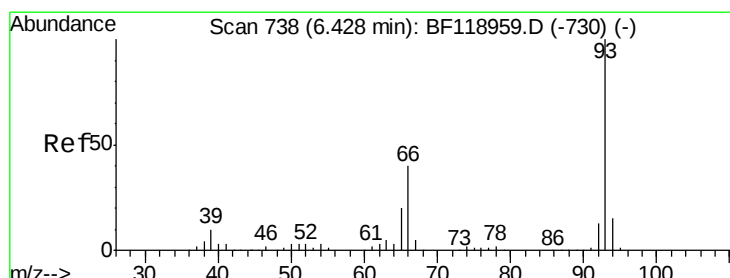
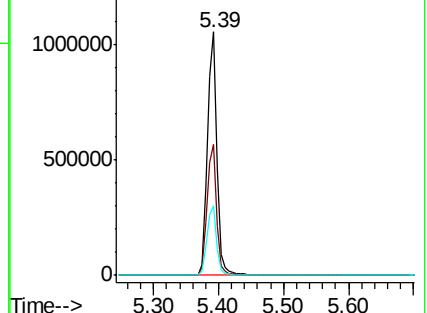
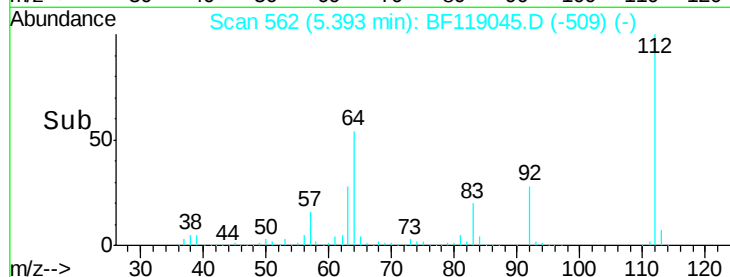
63 28.5 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.971 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

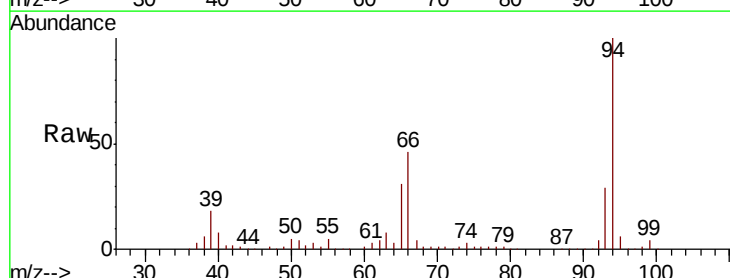
Tgt Ion: 93 Resp: 190848

Ion Ratio Lower Upper

93 100

66 158.8 32.2 48.2#

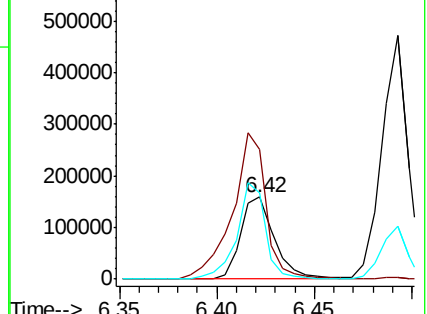
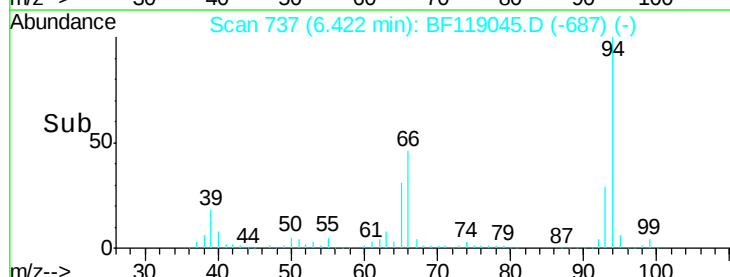
65 105.0 16.1 24.1#



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: 108.583 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampled :

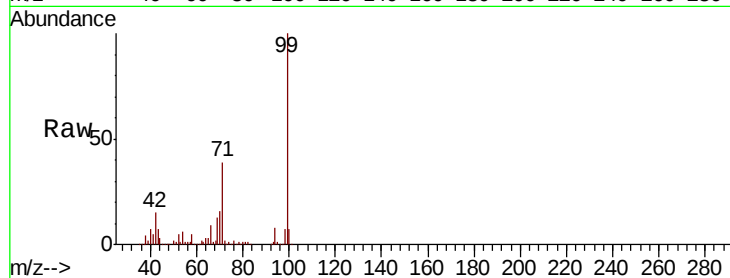
Tot Ion: 99 Resp: 1294774

Ion Ratio Lower Upper

99 100

42 15.3 11.4 17.0

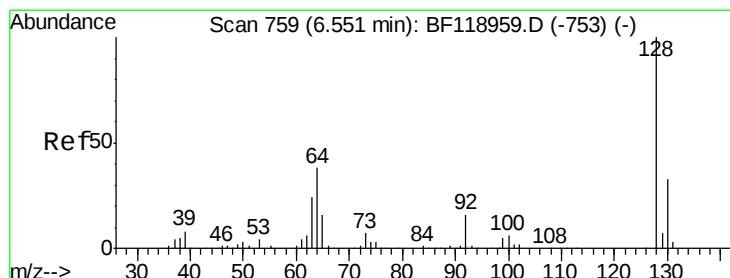
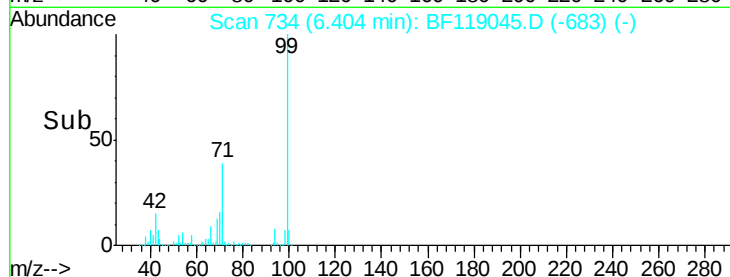
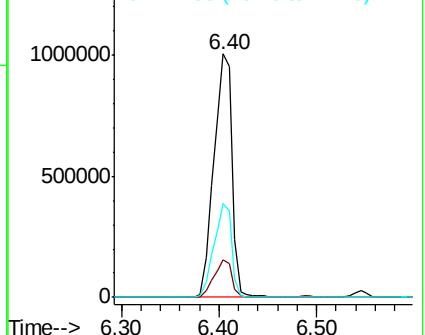
71 38.6 29.8 44.6



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: 45.478 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

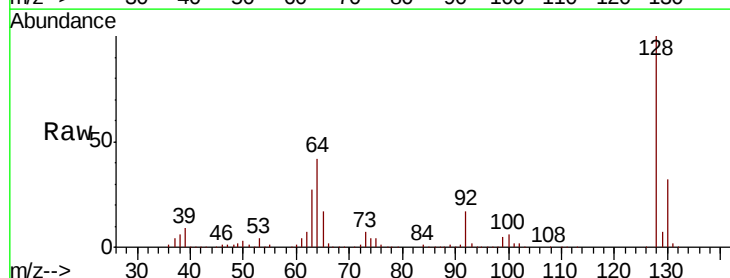
Tgt Ion: 128 Resp: 481204

Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

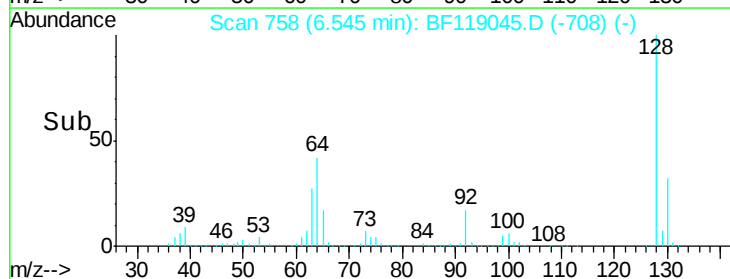
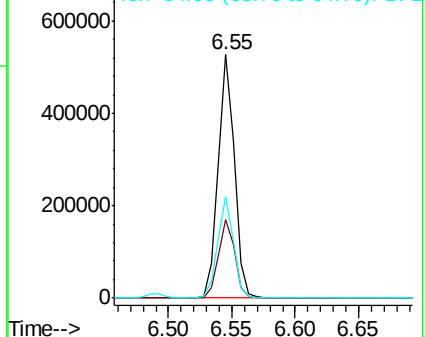
64 41.7 18.7 58.7



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: 25.597 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

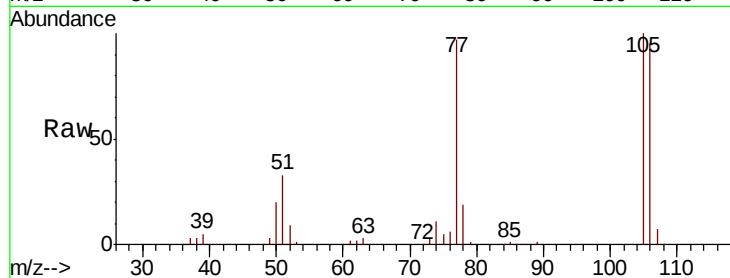
Tot Ion: 77 Resp: 203923

Ion Ratio Lower Upper

77 100

105 102.9 83.0 123.0

106 97.4 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.30

250000

200000

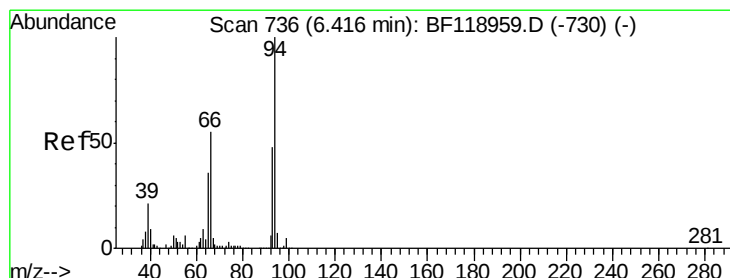
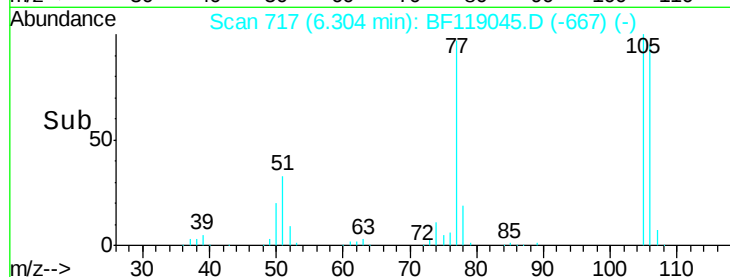
150000

100000

50000

0

Time-->



#10

Phenol

Concen: 42.441 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

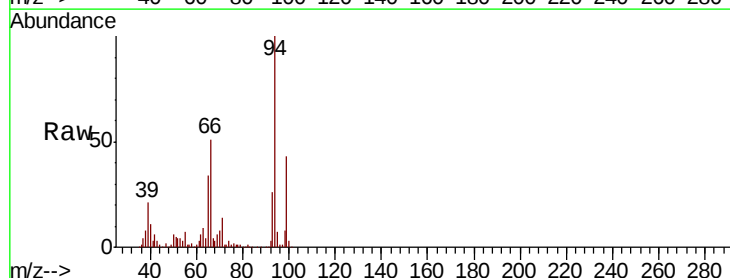
Tgt Ion: 94 Resp: 547166

Ion Ratio Lower Upper

94 100

65 33.6 15.5 55.5

66 51.2 35.6 75.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.42

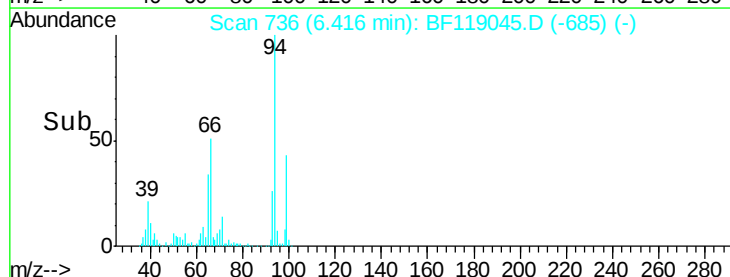
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400000

200000

0

Time-->

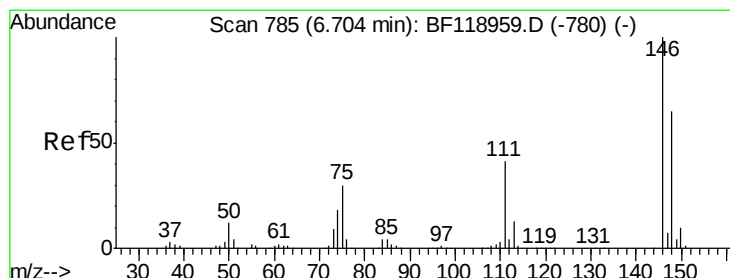
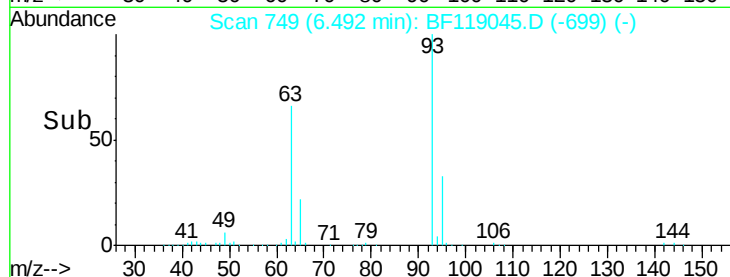
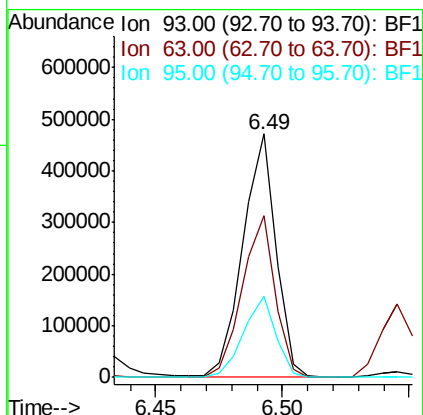
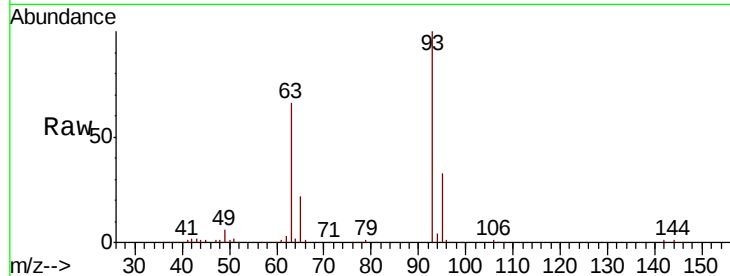




#11
bis(2-Chloroethyl)ether
Concen: 43.242 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

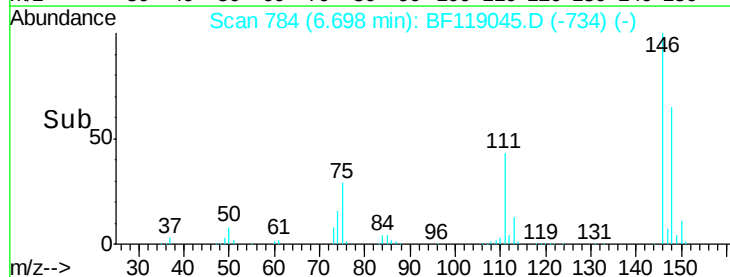
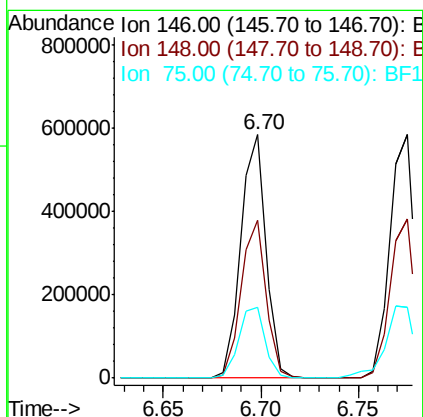
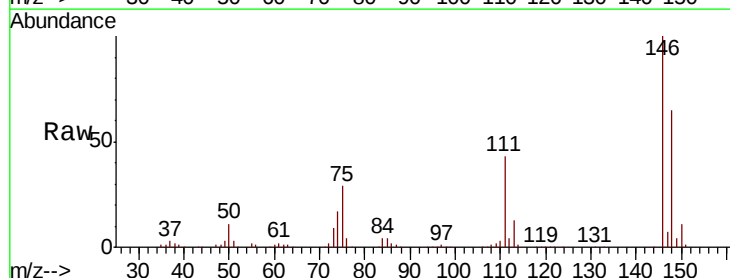
Instrument :
BNA_F
ClientSampleId :

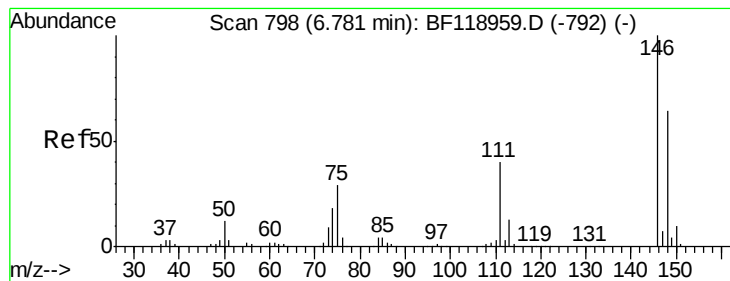
Tot Ion: 93 Resp: 426562
Ion Ratio Lower Upper
93 100
63 66.2 46.8 86.8
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.246 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion: 146 Resp: 523088
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 29.2 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 41.641 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

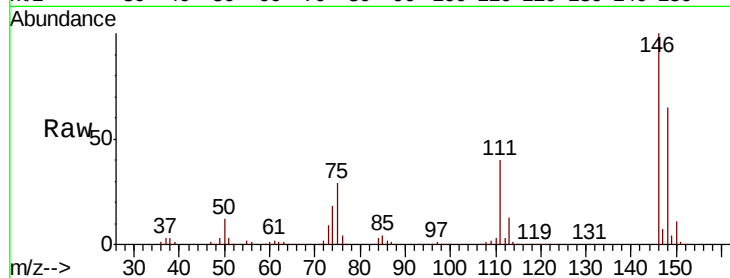
Tot Ion:146 Resp: 528457

Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.2

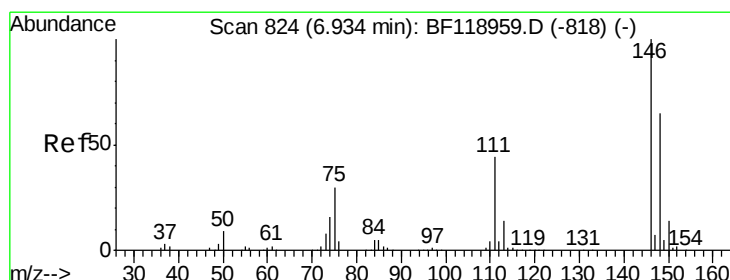
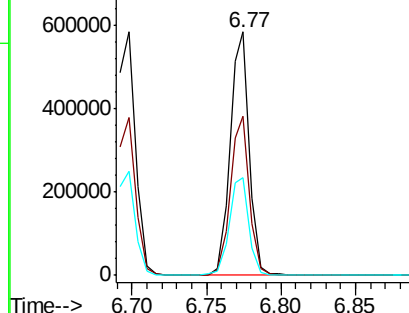
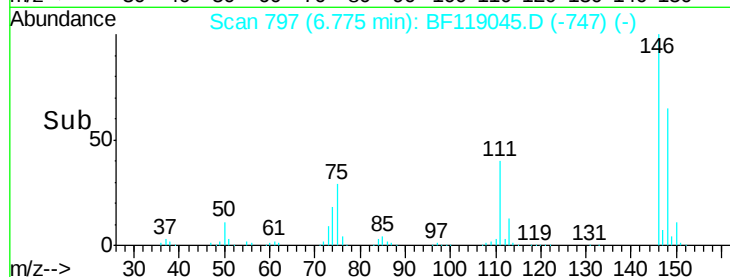
111 40.3 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.372 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

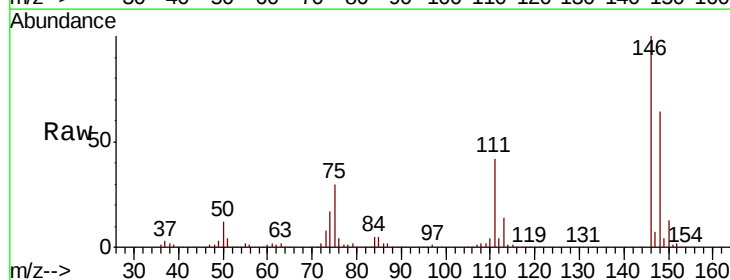
Tgt Ion:146 Resp: 490410

Ion Ratio Lower Upper

146 100

148 64.5 52.1 78.1

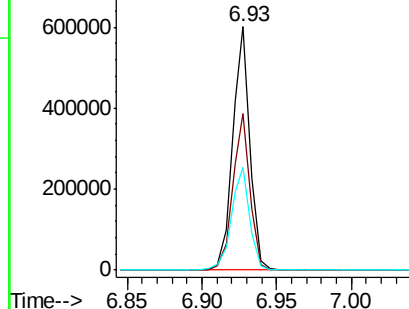
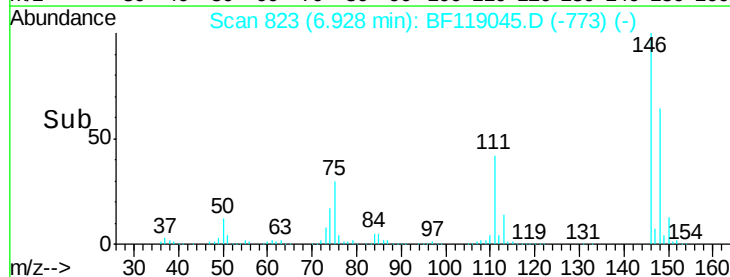
111 42.3 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.254 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

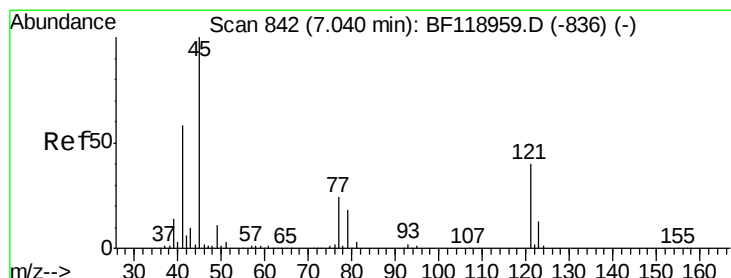
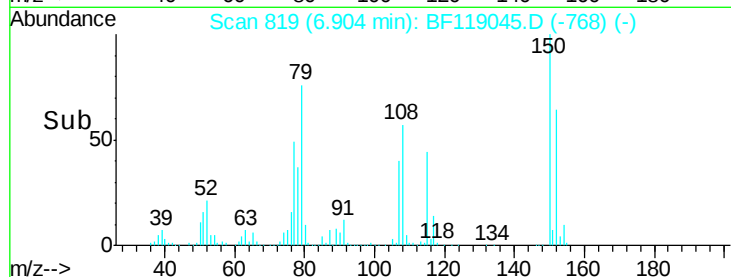
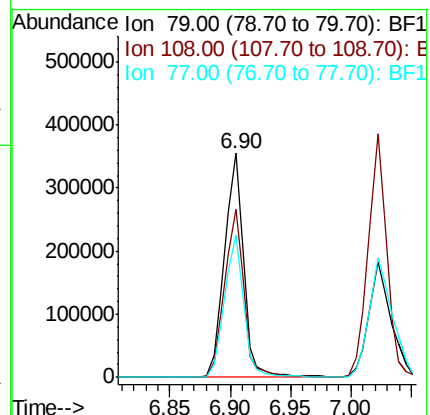
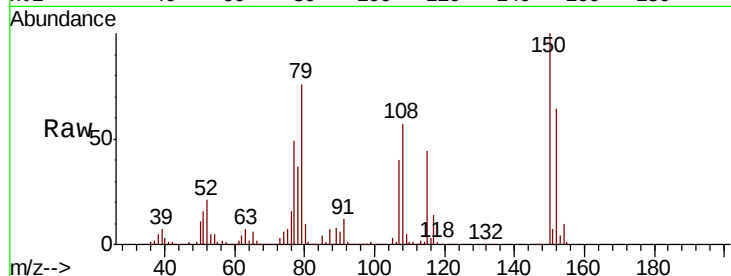
Tot Ion: 79 Resp: 390005

Ion Ratio Lower Upper

79 100

108 75.1 61.1 91.7

77 63.8 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.017 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

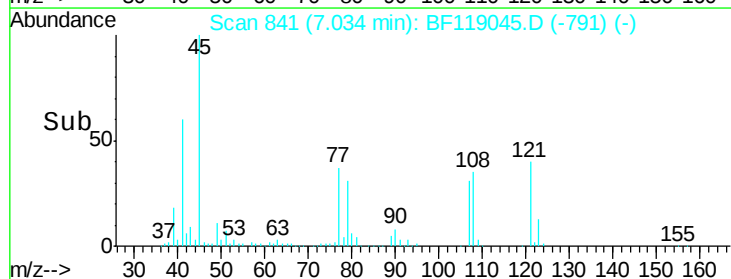
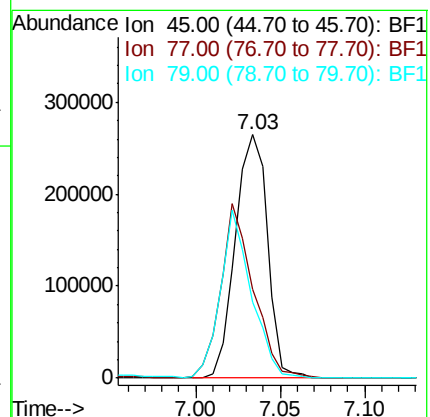
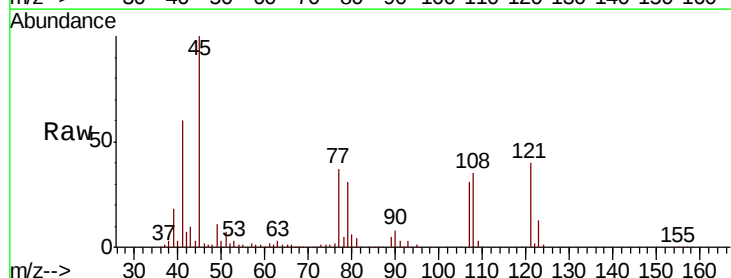
Tgt Ion: 45 Resp: 350490

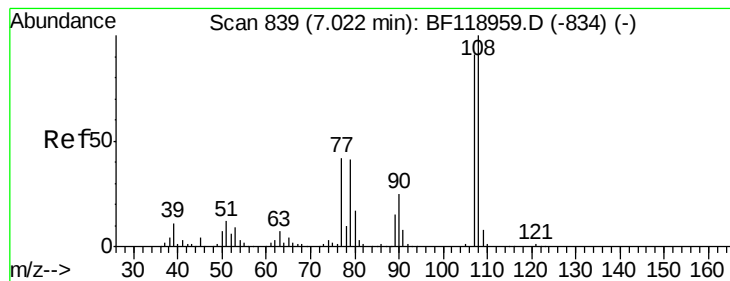
Ion Ratio Lower Upper

45 100

77 36.7 6.1 46.1

79 31.1 0.5 40.5

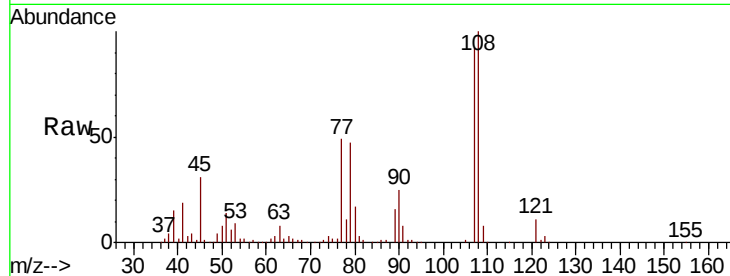




#17
2-Methylphenol
Concen: 43.962 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.2	87.7	131.5
77	53.8	36.8	55.2
79	51.7	36.4	54.6



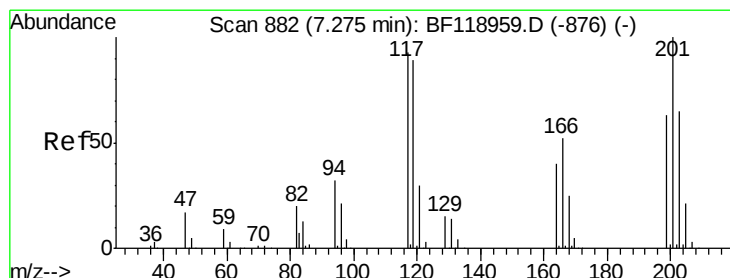
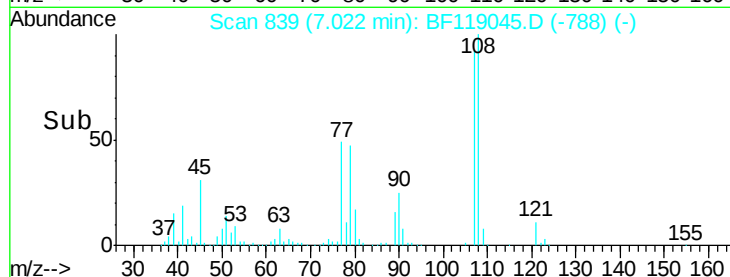
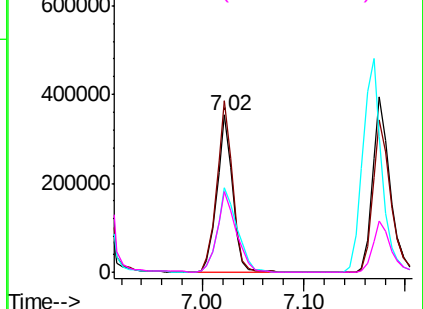
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

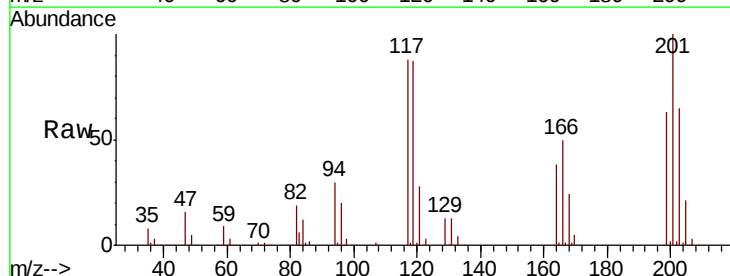
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.830 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.0	115.6
201	113.2	86.4	129.6

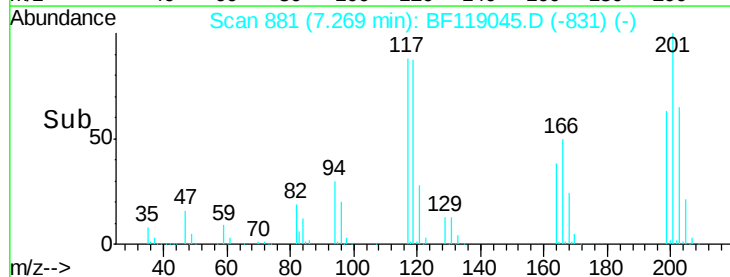
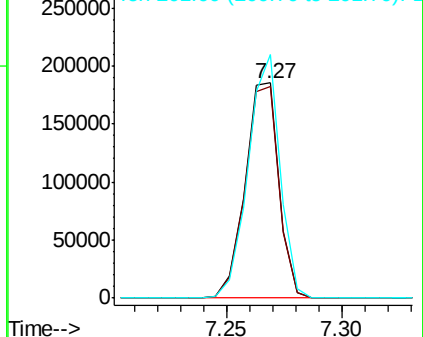


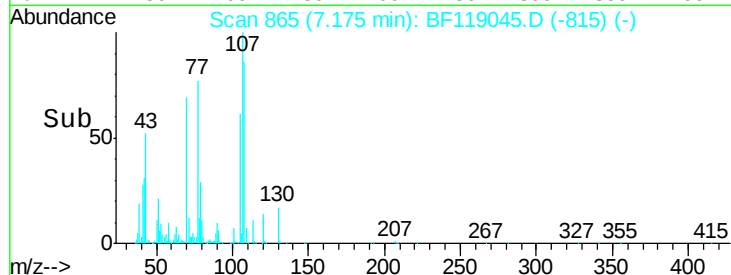
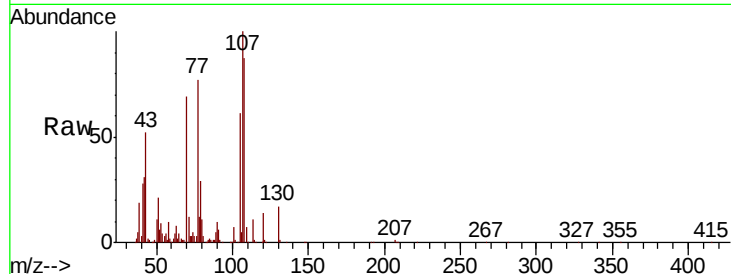
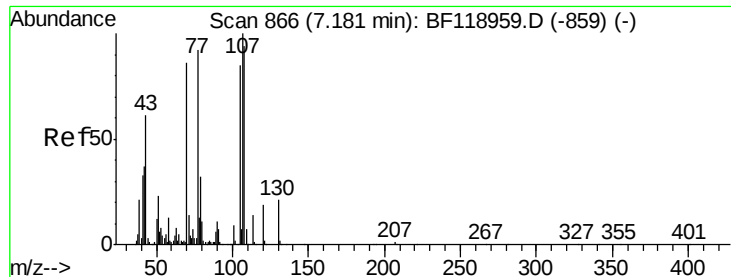
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

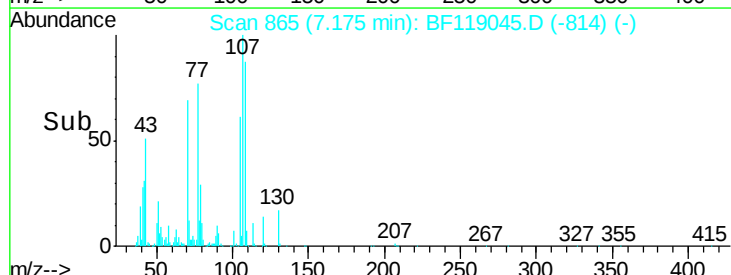
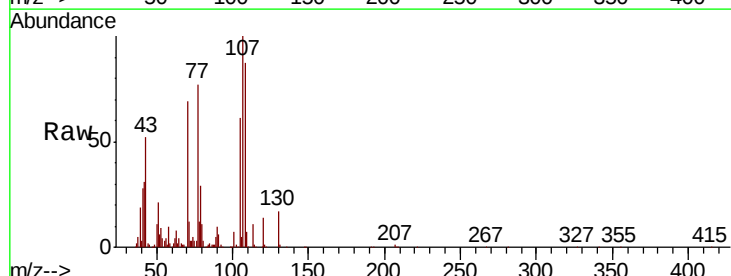
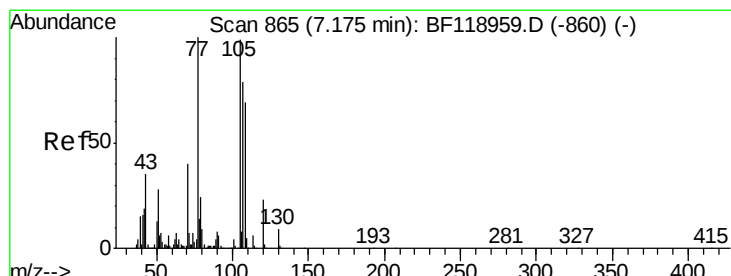
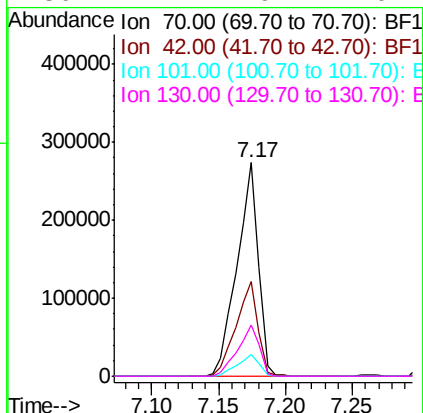




#19
n-Nitroso-di-n-propylamine
Concen: 43.986 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

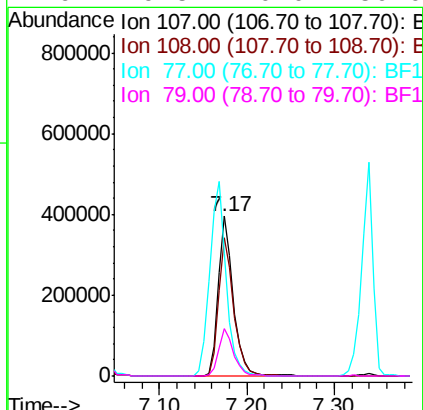
Instrument :
BNA_F
ClientSampleId :

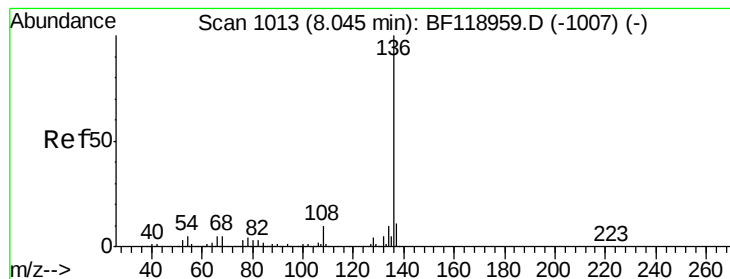
Tot Ion	70	Resp	305627
Ion Ratio	Lower	Upper	
70	100		
42	44.2	34.6	51.8
101	10.3	8.1	12.1
130	24.2	19.4	29.2



#20
3+4-Methylphenols
Concen: 44.689 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion	107	Resp	469687
Ion Ratio	Lower	Upper	
107	100		
108	86.5	67.0	107.0
77	76.9	106.2	146.2#
79	29.5	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 614238

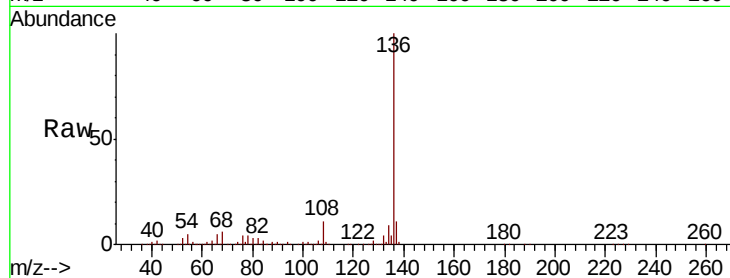
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.3 3.8 5.6

68 5.6 4.2 6.2

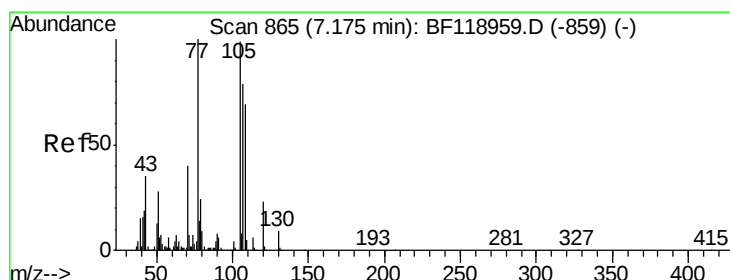
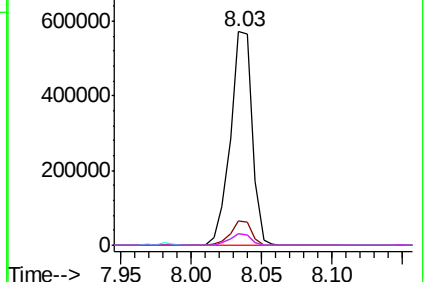
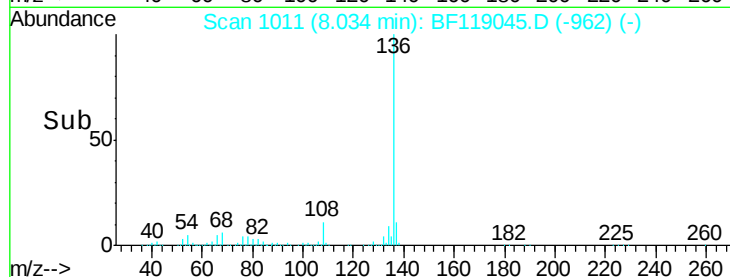


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.764 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Tgt Ion:105 Resp: 621972

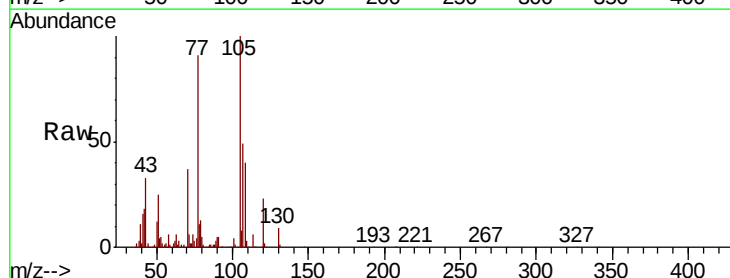
Ion Ratio Lower Upper

105 100

71 6.5 5.4 8.0

51 24.9 22.5 33.7

120 23.0 18.4 27.6

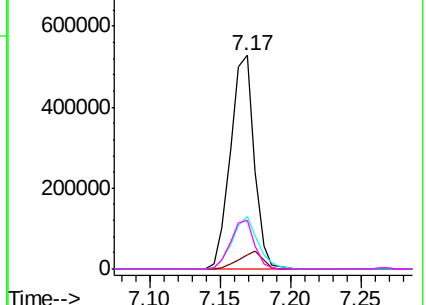
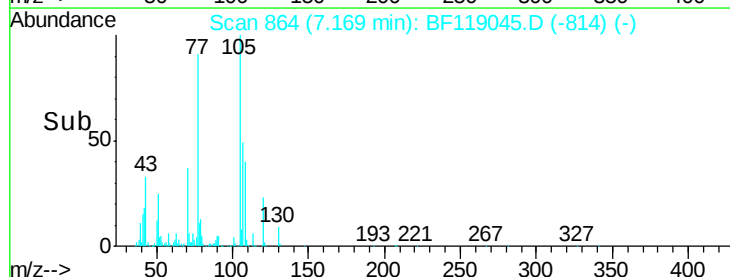


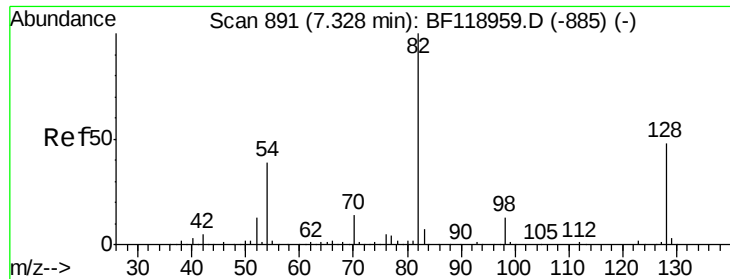
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

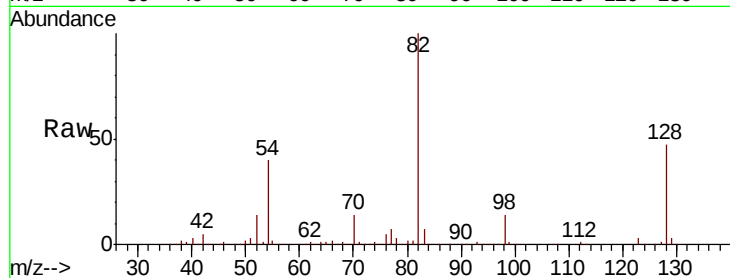




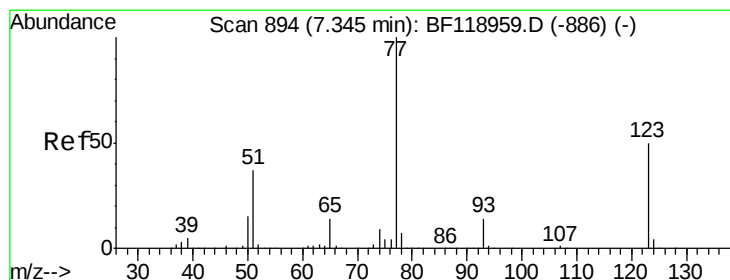
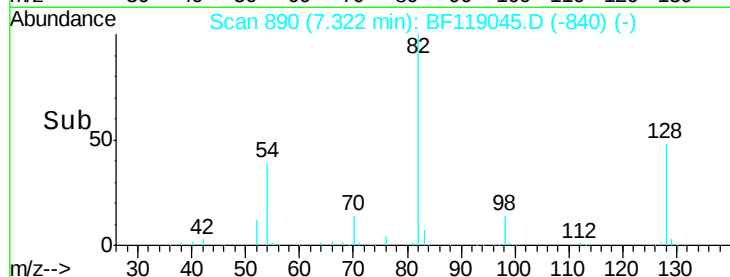
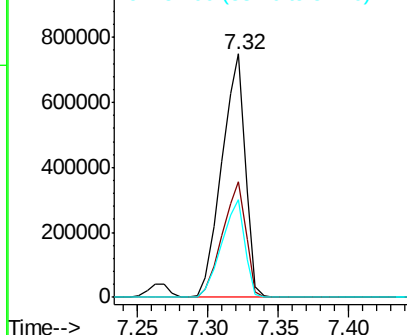
#23
 Nitrobenzene-d5
 Concen: 74.434 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.2	57.2
54	39.9	31.3	46.9

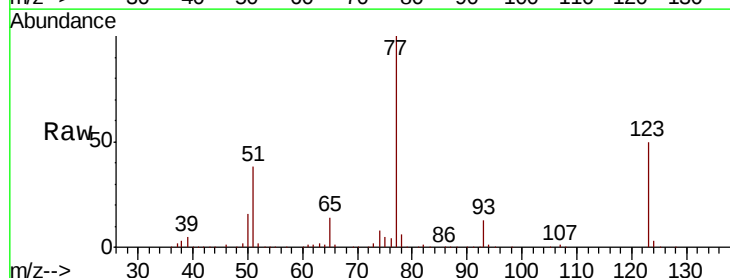


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

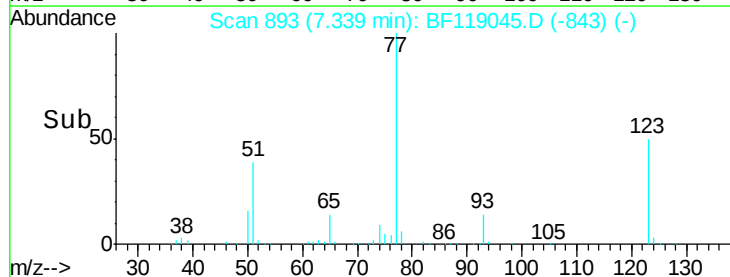
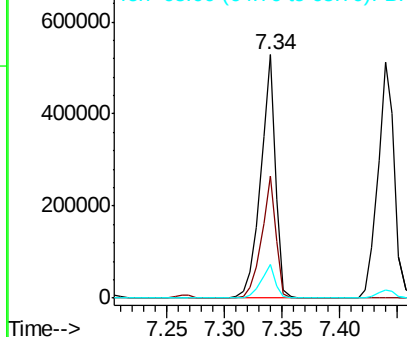


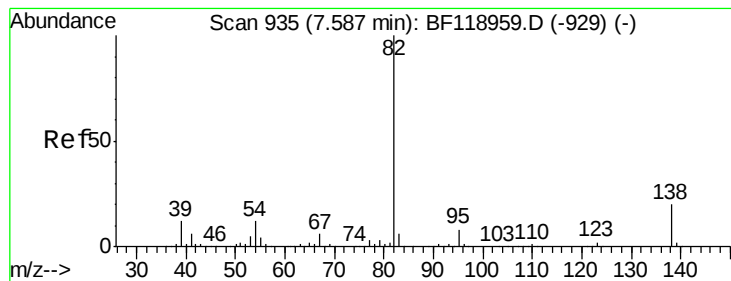
#24
 Nitrobenzene
 Concen: 41.316 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	40.1	60.1
65	13.6	10.9	16.3



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





#25

Isophorone

Concen: 42.261 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampled :

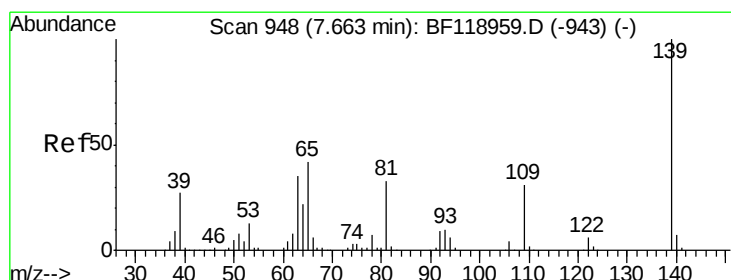
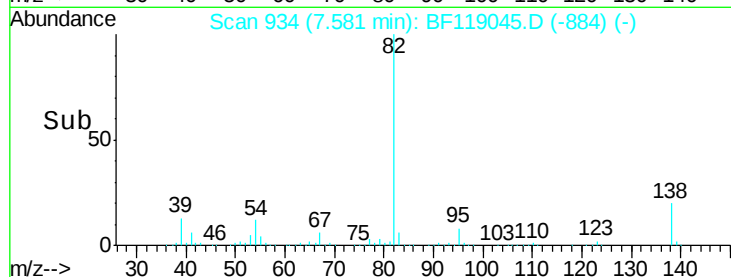
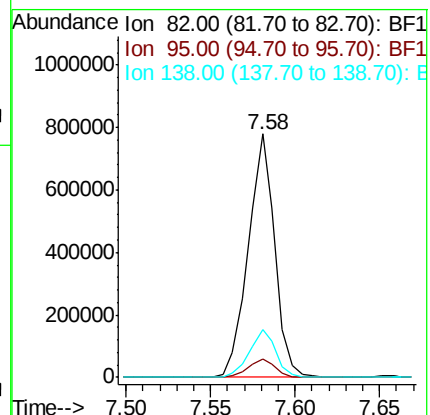
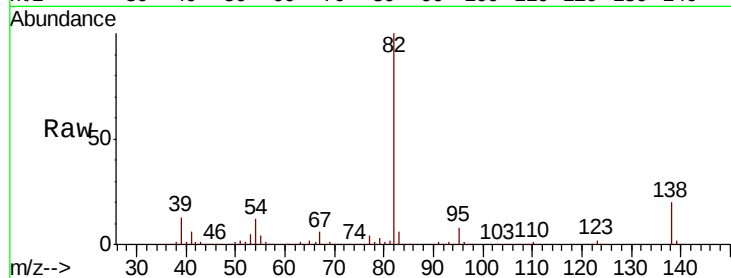
Tot Ion: 82 Resp: 853817

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

138 19.9 15.8 23.6



#26

2-Nitrophenol

Concen: 43.865 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

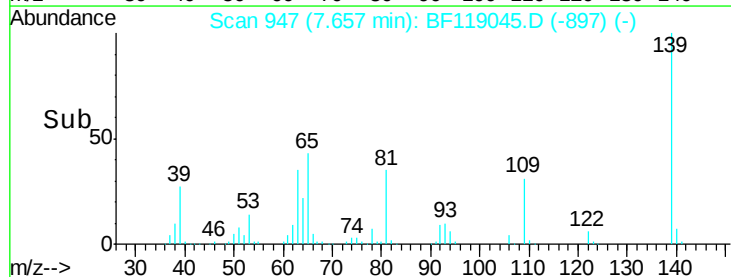
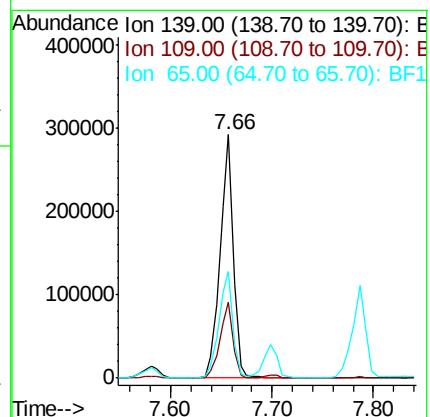
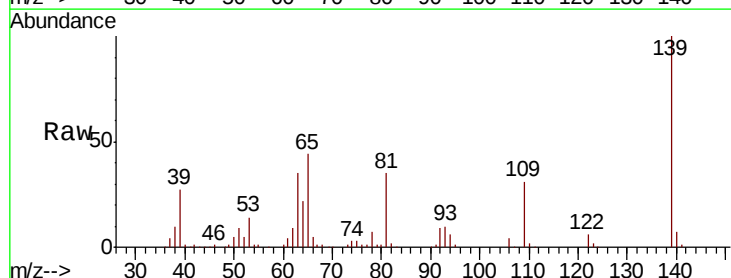
Tgt Ion: 139 Resp: 267376

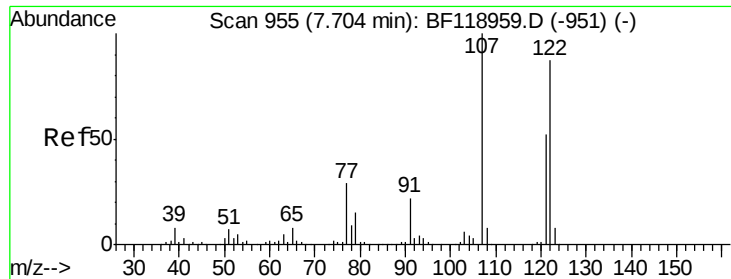
Ion Ratio Lower Upper

139 100

109 31.0 24.6 36.8

65 43.6 33.6 50.4

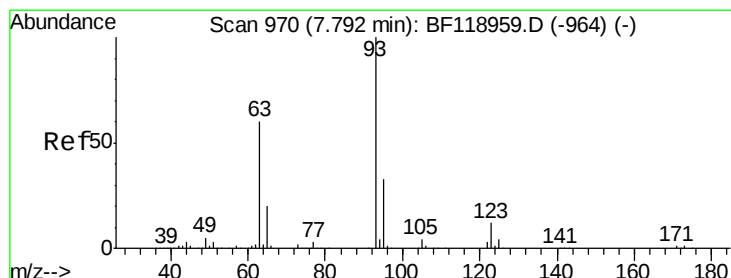
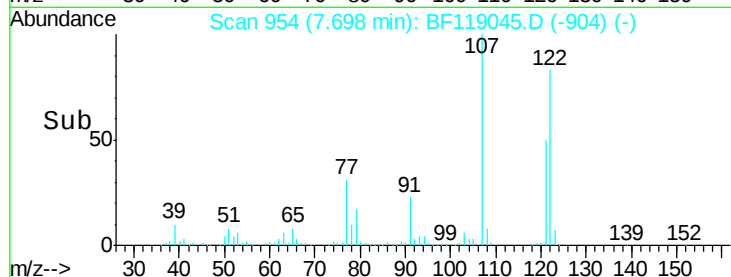
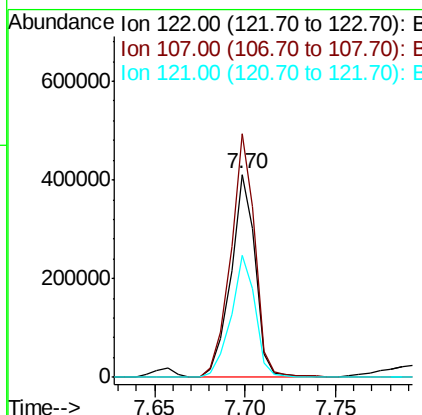
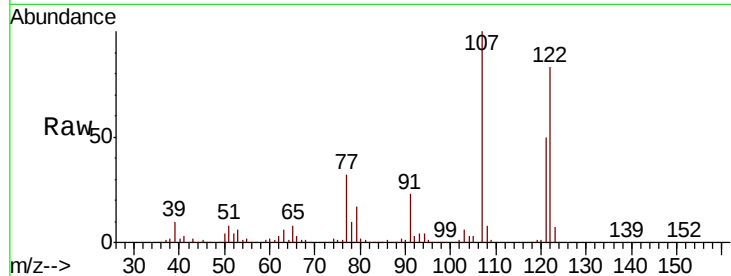




#27
2,4-Dimethylphenol
Concen: 46.595 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

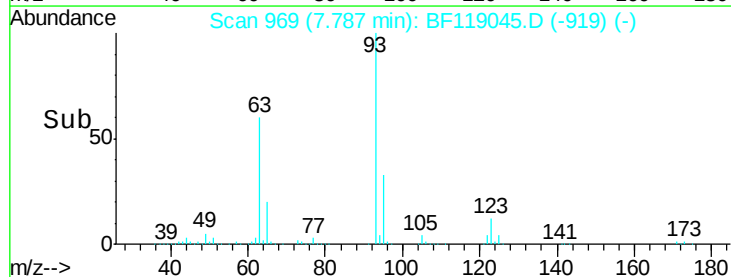
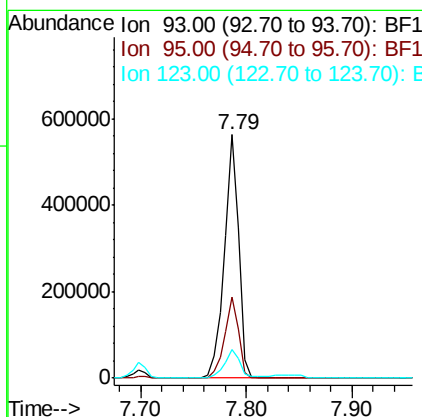
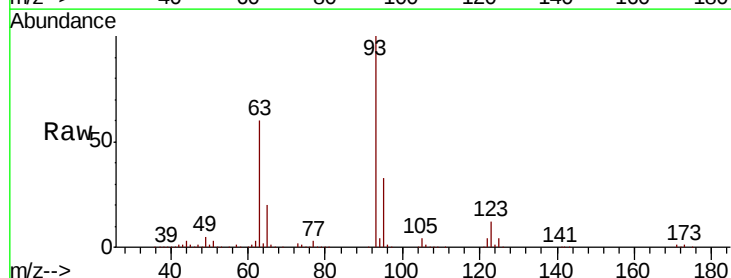
Instrument :
BNA_F
ClientSampleId :

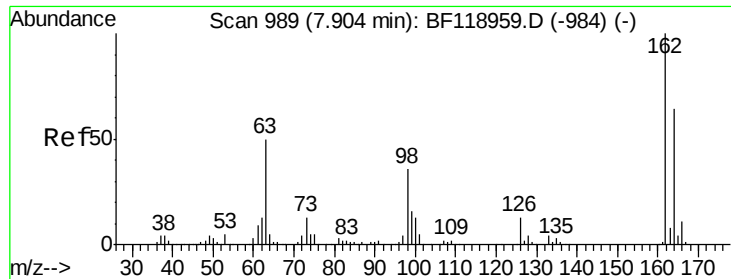
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.9	91.8	137.8
121	60.3	47.4	71.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.559 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	12.0	9.8	14.8

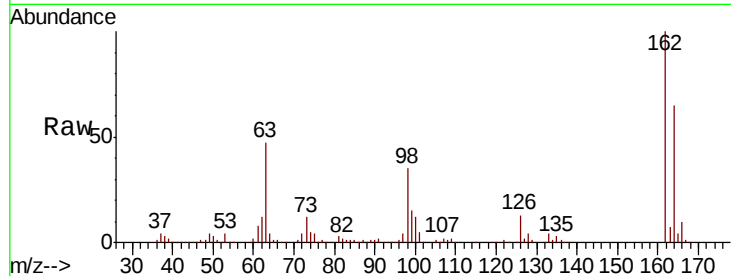




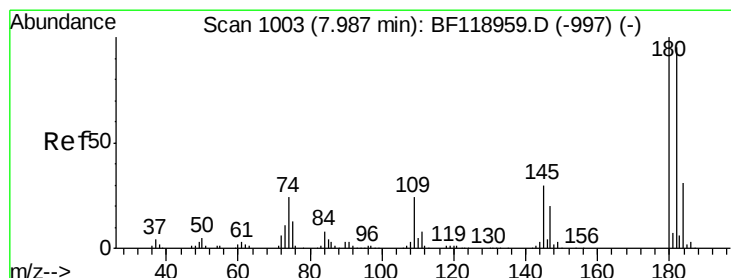
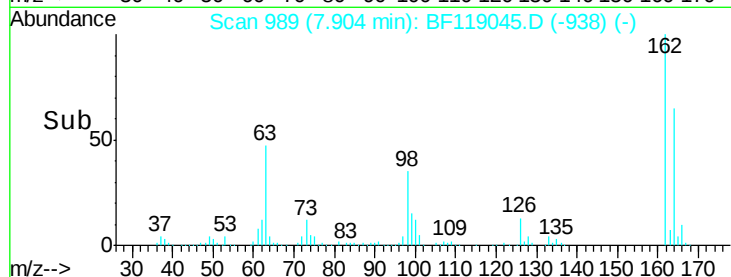
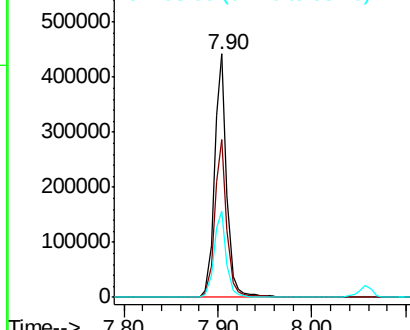
#29
2,4-Dichlorophenol
Concen: 41.703 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.1	84.1
98	35.4	16.4	56.4

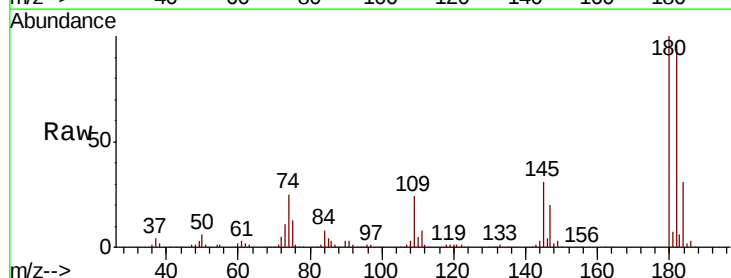


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

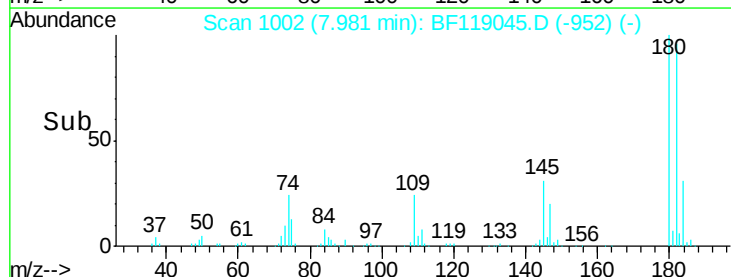
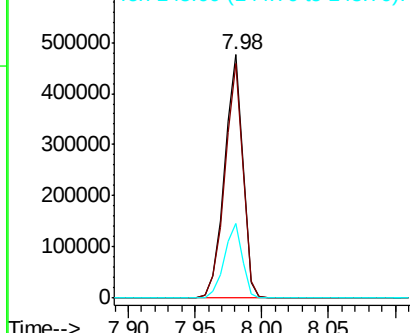


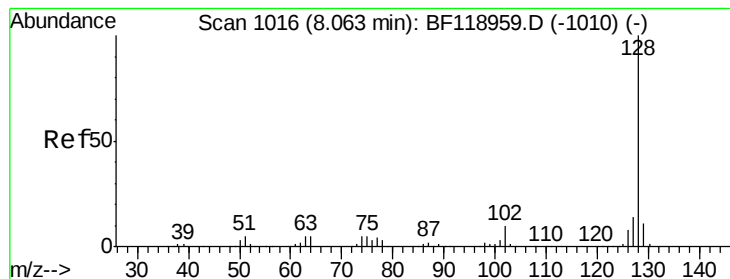
#30
1,2,4-Trichlorobenzene
Concen: 40.101 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.8	113.8
145	30.6	24.2	36.2



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





#31

Naphthalene

Concen: 41.867 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

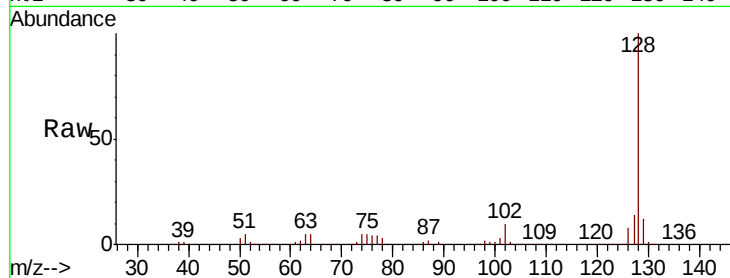
Tot Ion:128 Resp: 1333681

Ion Ratio Lower Upper

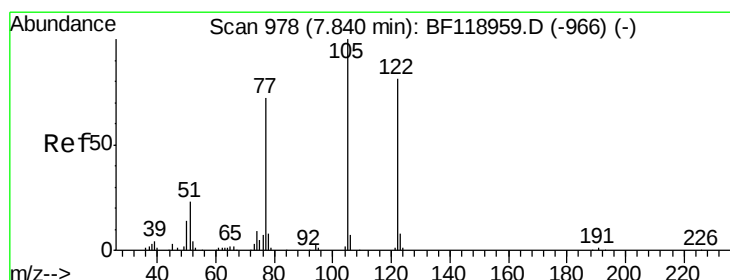
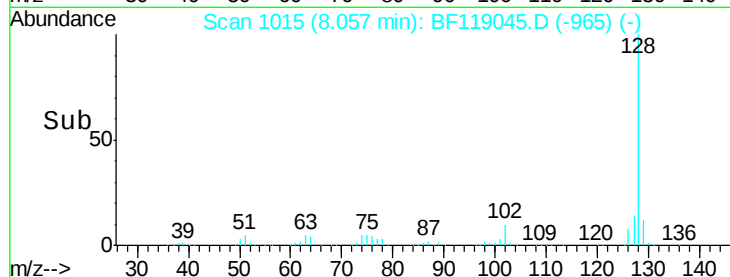
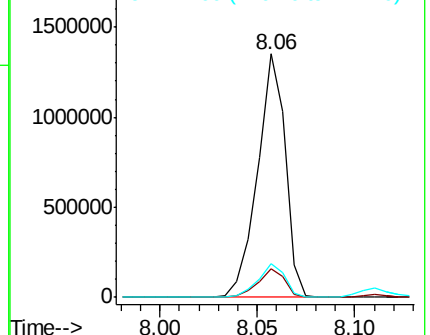
128 100

129 11.5 9.0 13.4

127 14.0 10.9 16.3



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



#32

Benzoic acid

Concen: 44.378 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

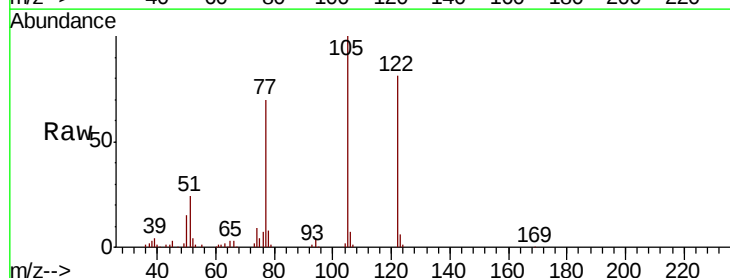
Tgt Ion:122 Resp: 264344

Ion Ratio Lower Upper

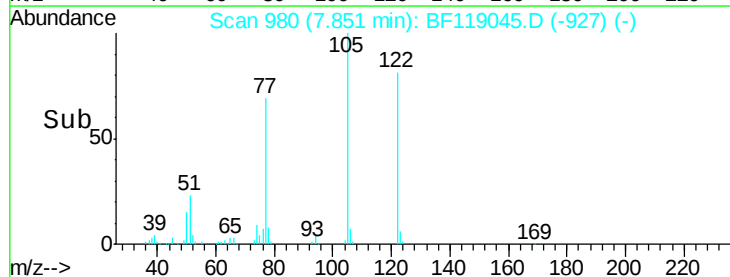
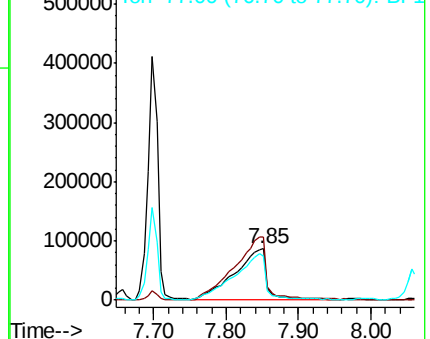
122 100

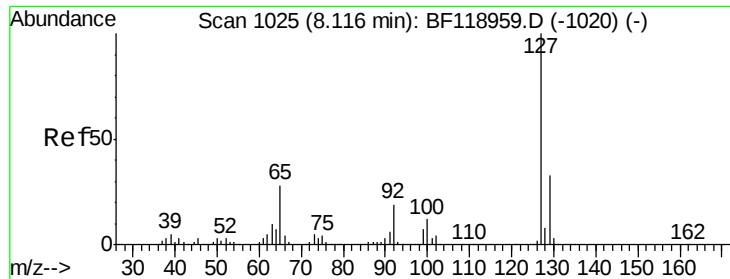
105 123.5 102.2 142.2

77 86.4 68.6 108.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

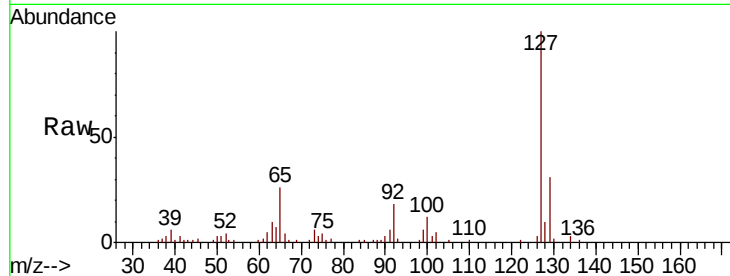




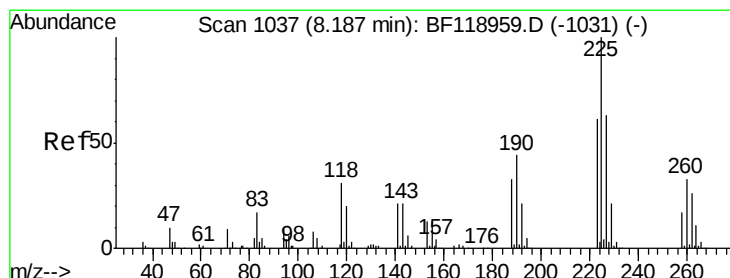
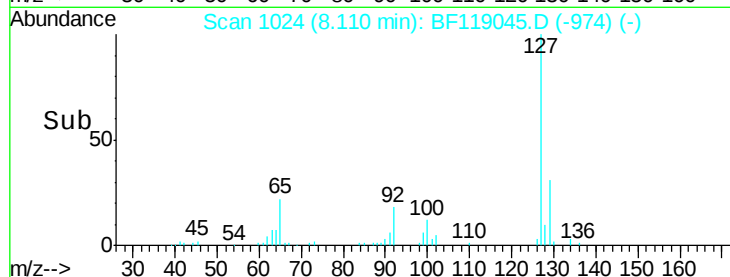
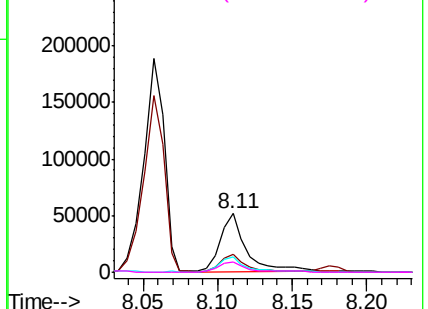
#33
4-Chloroaniline
Concen: 4.680 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	64116
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.2	39.2
65	25.8	22.0	33.0
92	17.5	15.5	23.3

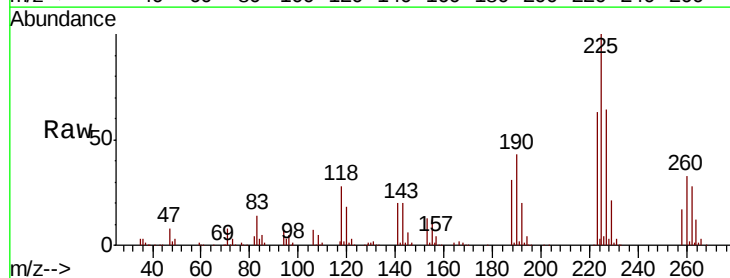


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

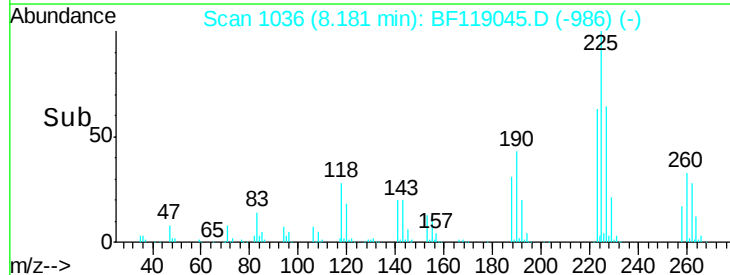
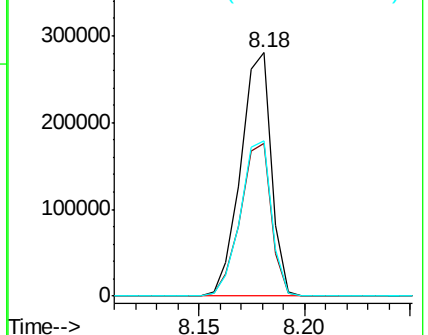


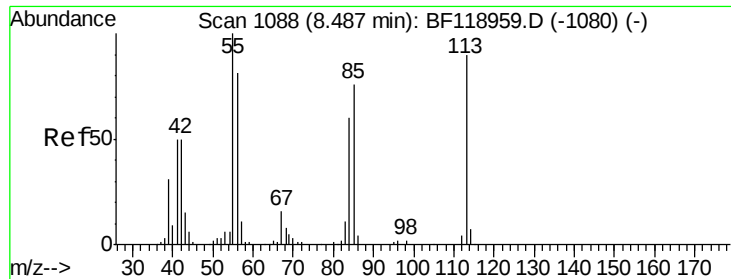
#34
Hexachlorobutadiene
Concen: 39.245 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion:	225	Resp:	282271
Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.9	73.3
227	63.9	50.4	75.6



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

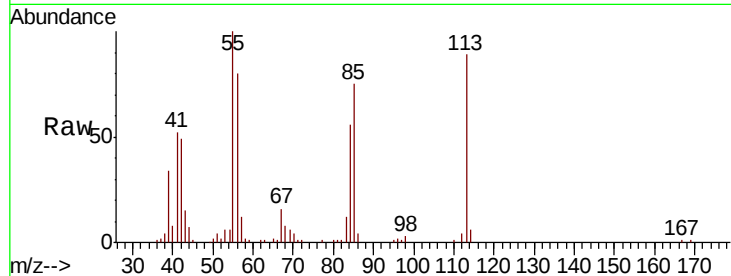




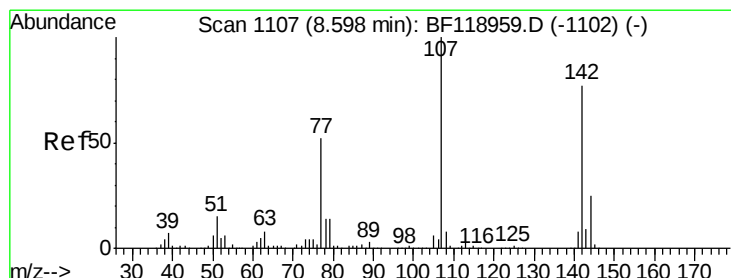
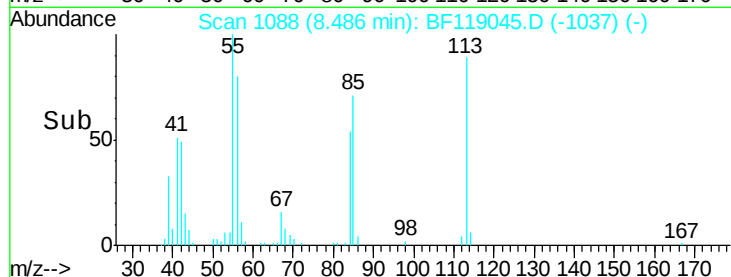
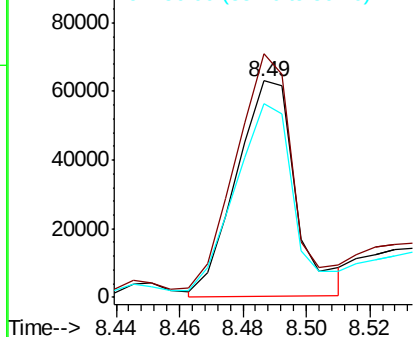
#35
 Caprolactam
 Concen: 27.306 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 81883
 Ion Ratio Lower Upper
 113 100
 55 112.4 90.8 130.8
 56 89.5 70.0 110.0

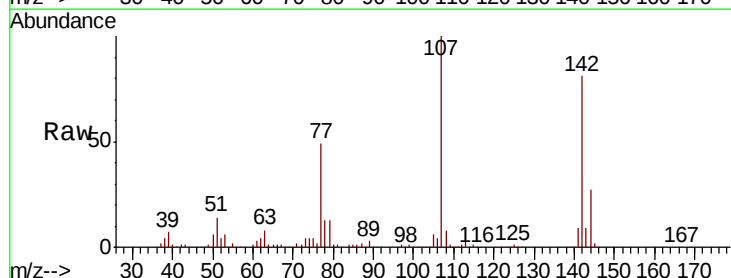


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

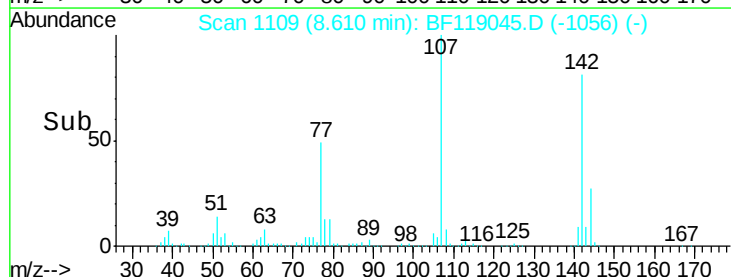
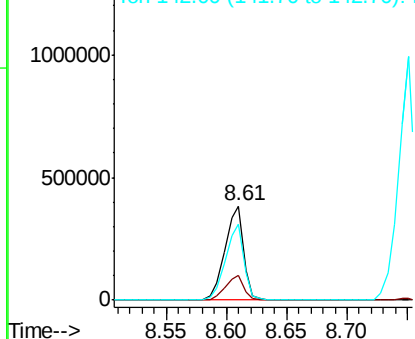


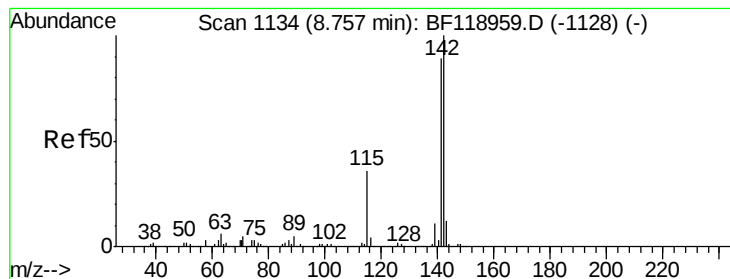
#36
 4-Chloro-3-methylphenol
 Concen: 41.829 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

Tgt Ion:107 Resp: 412278
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.8 29.8
 142 80.9 61.3 91.9



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





#37

2-Methylnaphthalene

Concen: 42.996 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampled :

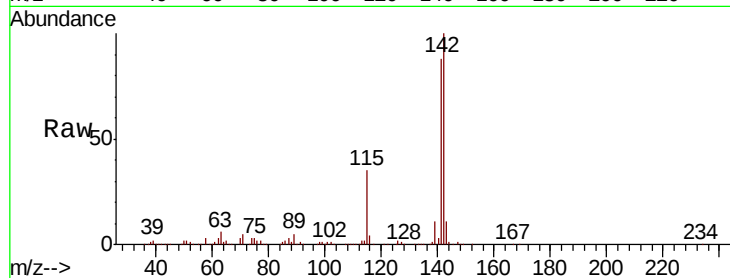
Tot Ion:142 Resp: 921731

Ion Ratio Lower Upper

142 100

141 88.3 71.0 106.4

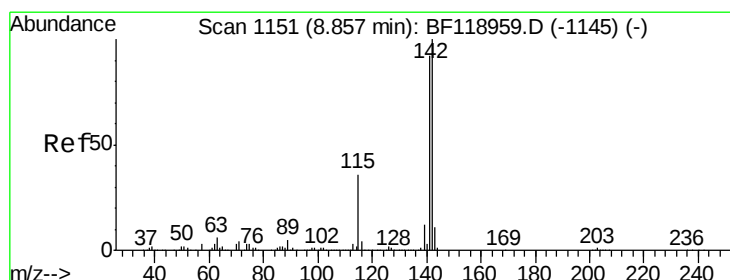
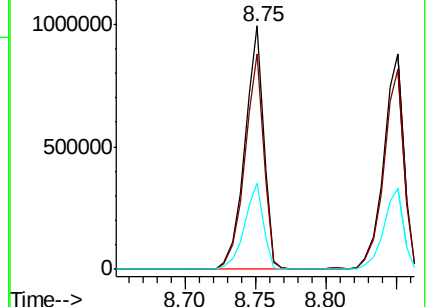
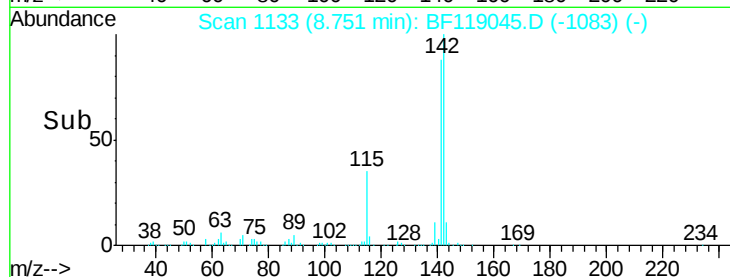
115 35.5 28.6 42.8



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: 42.710 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

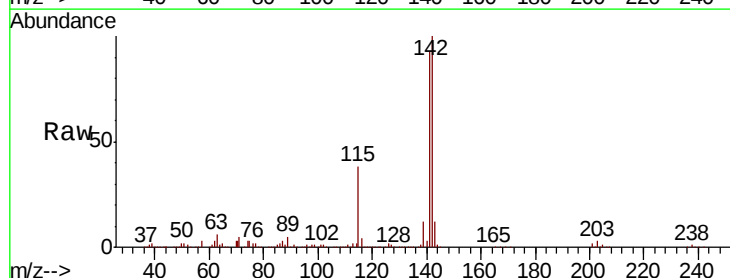
Tgt Ion:142 Resp: 861092

Ion Ratio Lower Upper

142 100

141 93.3 73.7 110.5

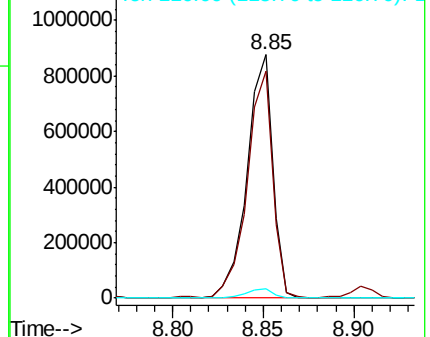
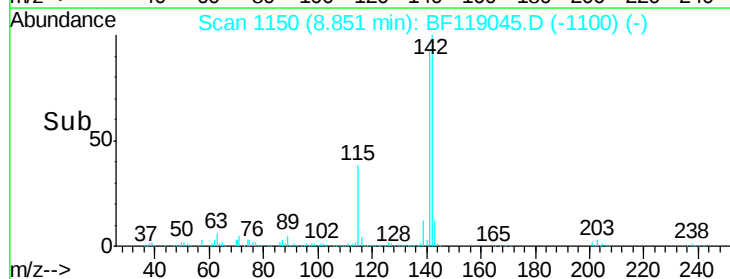
116 3.9 3.0 4.6

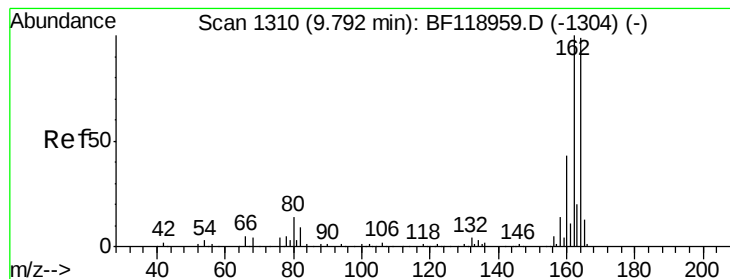


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

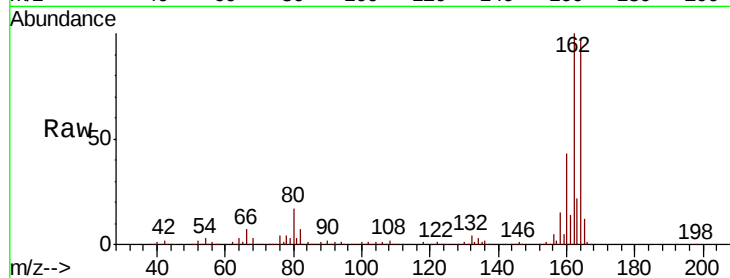
Tot Ion:164 Resp: 330175

Ion Ratio Lower Upper

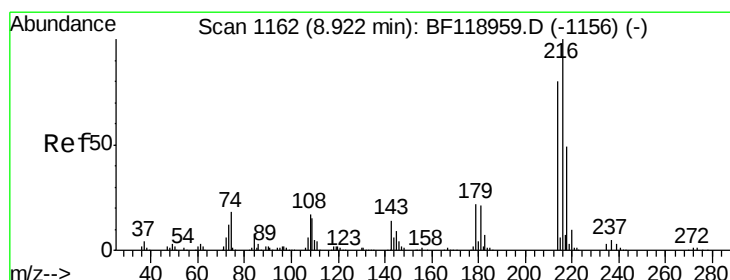
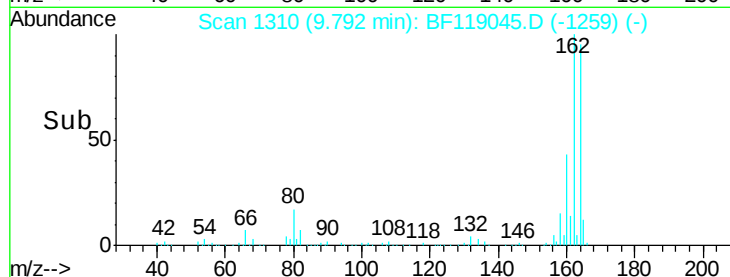
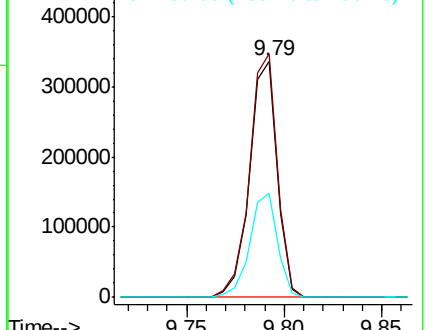
164 100

162 103.0 81.2 121.8

160 44.2 35.2 52.8



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.294 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Tgt Ion:216 Resp: 459694

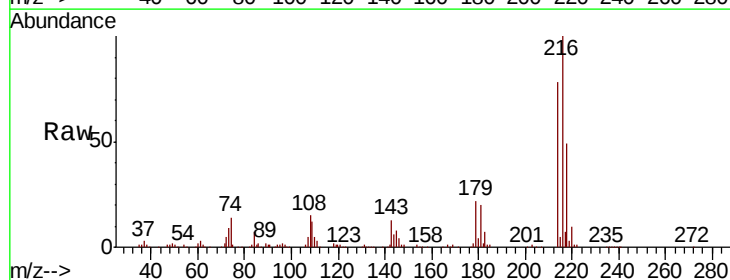
Ion Ratio Lower Upper

216 100

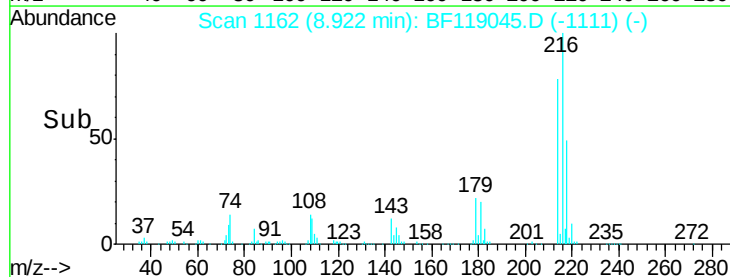
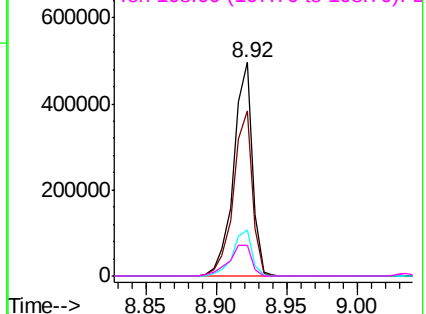
214 78.2 63.1 94.7

179 21.6 17.2 25.8

108 17.9 13.4 20.0



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





#41

Hexachlorocyclopentadiene

Concen: 73.905 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

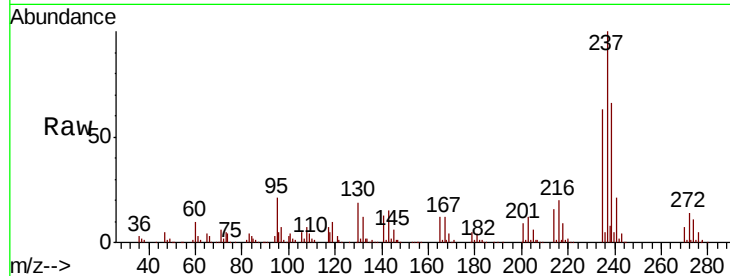
Tot Ion:237 Resp: 296183

Ion Ratio Lower Upper

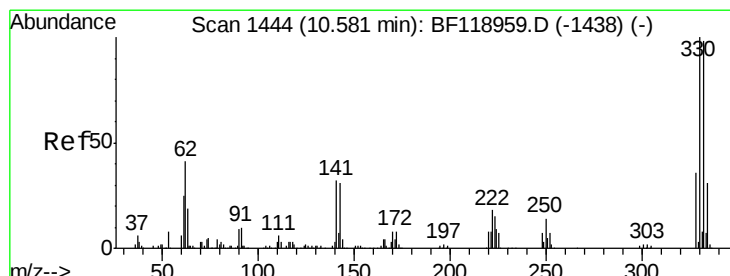
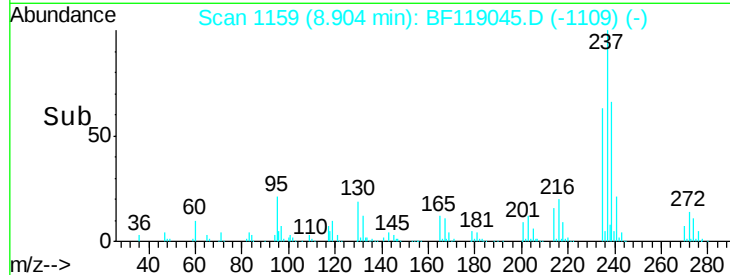
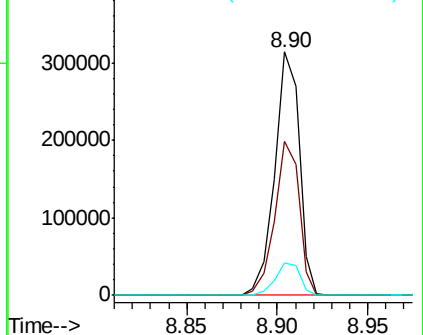
237 100

235 63.4 39.4 79.4

272 13.6 0.0 32.6



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: 104.356 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

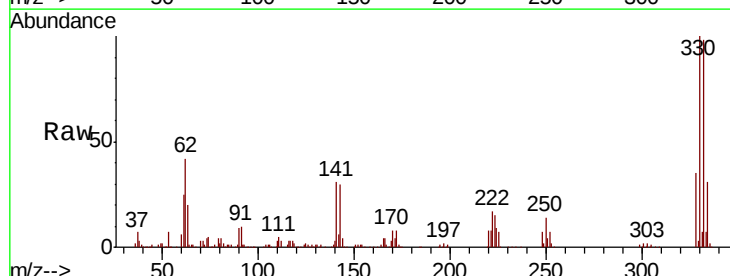
Tgt Ion:330 Resp: 450739

Ion Ratio Lower Upper

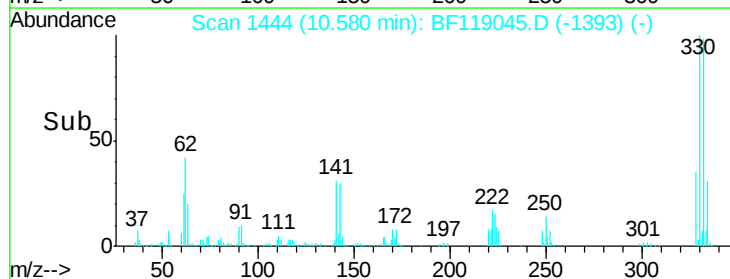
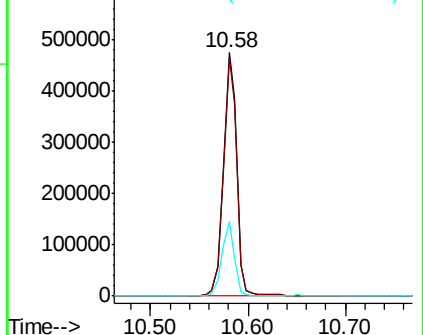
330 100

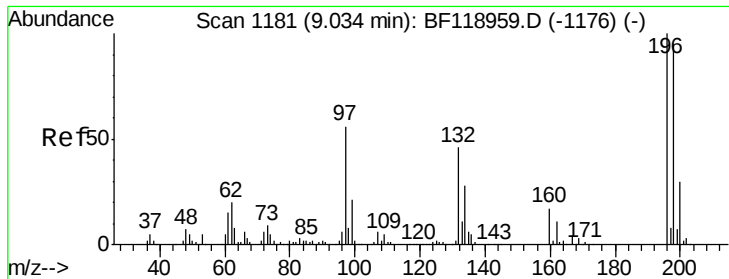
332 97.6 77.1 115.7

141 28.9 23.0 34.6



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

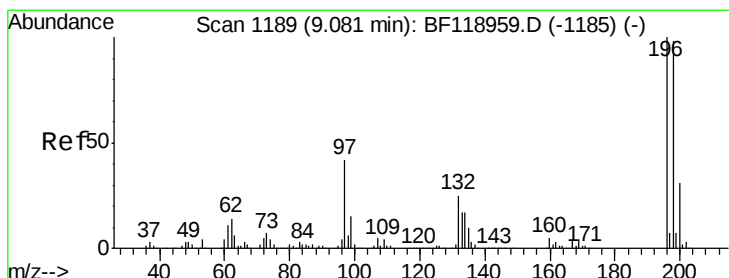
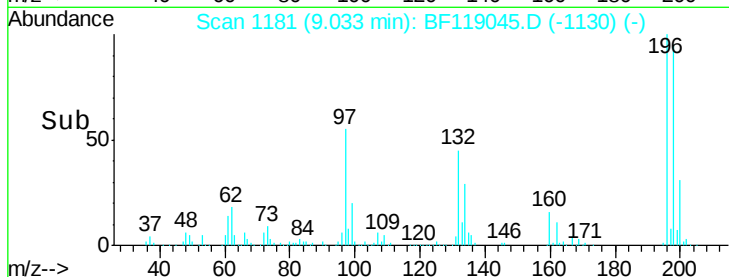
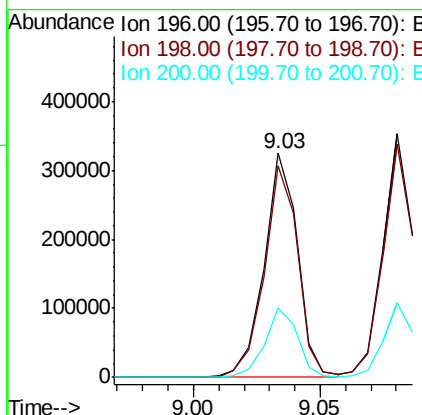
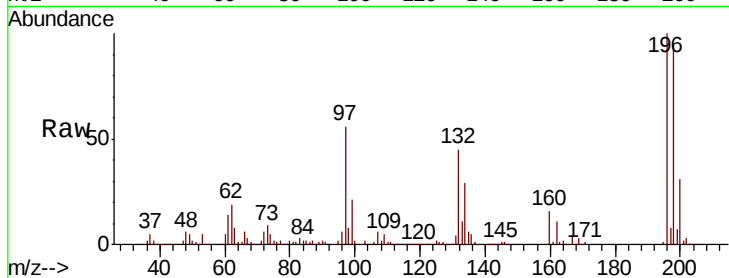




#43
 2,4,6-Trichlorophenol
 Concen: 42.286 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

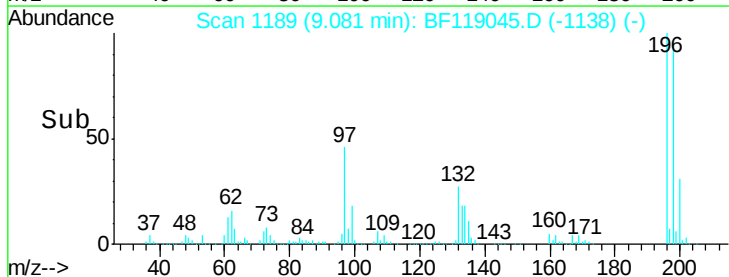
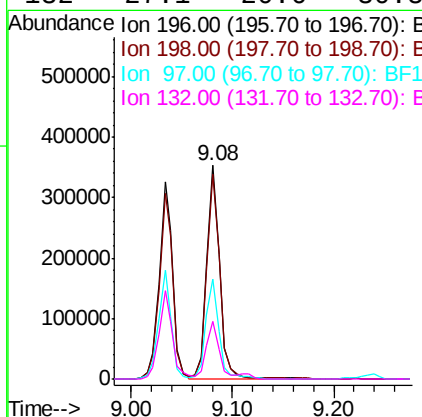
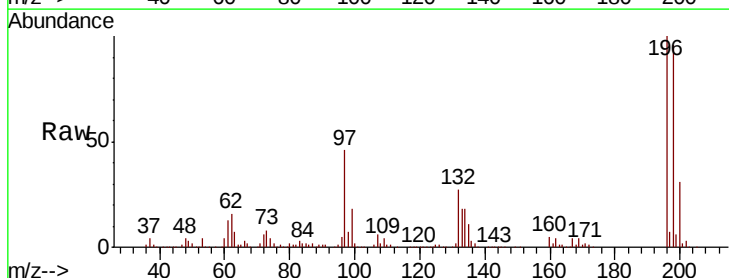
Instrument :
 BNA_F
 ClientSampled :

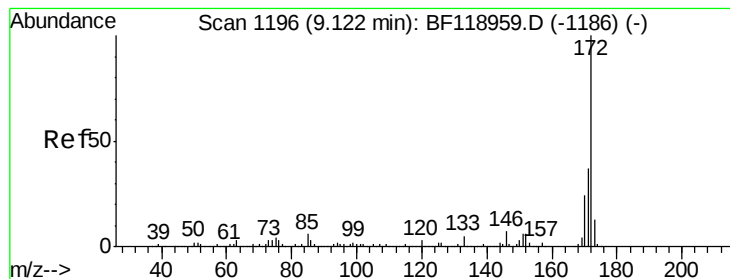
Tot Ion:196 Resp: 297268
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.8 113.6
 200 30.9 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.118 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

Tgt Ion:196 Resp: 310697
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.4 117.6
 97 46.5 33.4 50.0
 132 27.1 20.6 30.8





#45

2-Fluorobiphenyl

Concen: 74.685 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

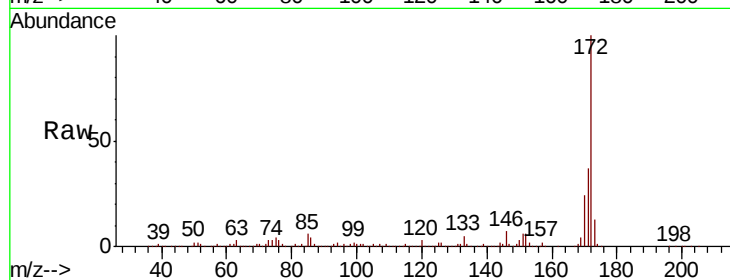
Tot Ion:172 Resp: 1673870

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.2

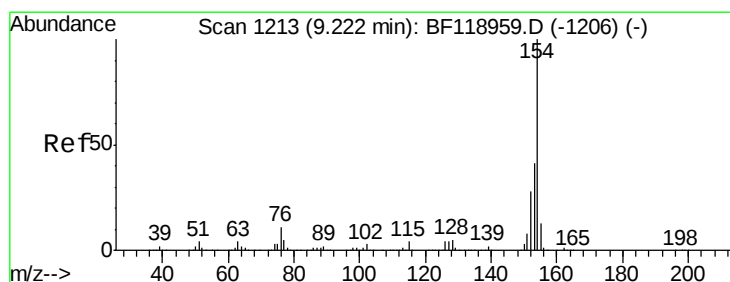
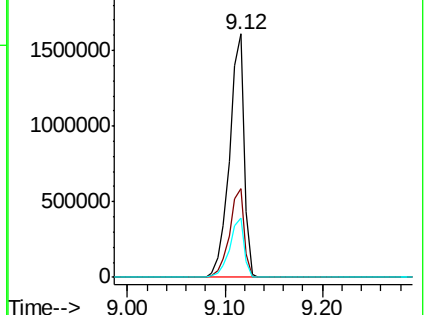
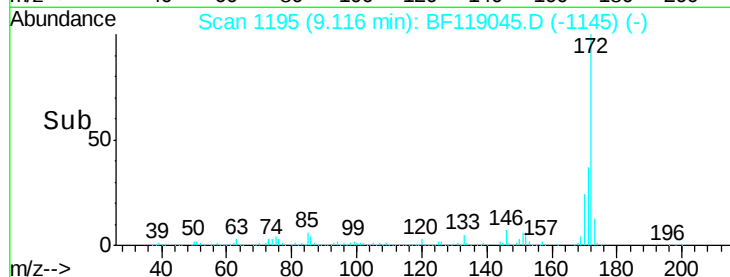
170 24.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.920 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

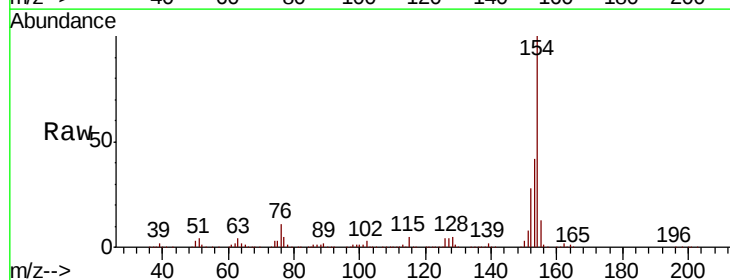
Tgt Ion:154 Resp: 1091935

Ion Ratio Lower Upper

154 100

153 41.7 21.2 61.2

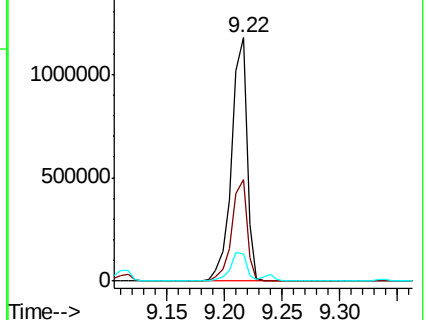
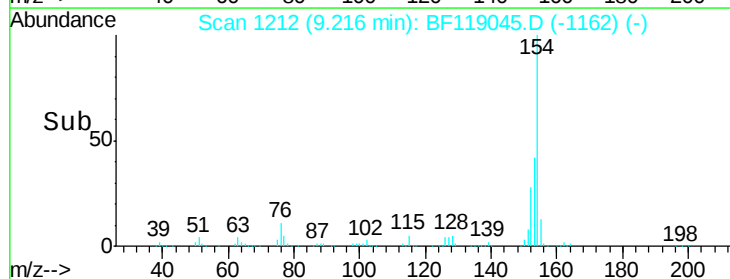
76 11.0 0.0 31.1

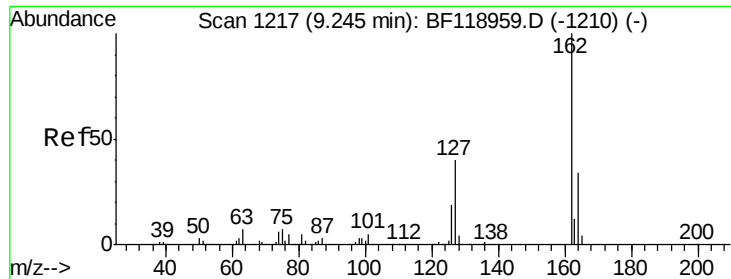


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

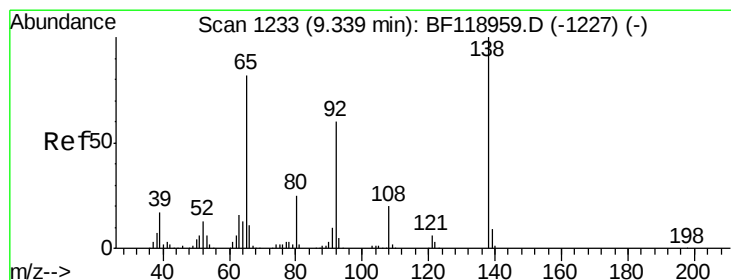
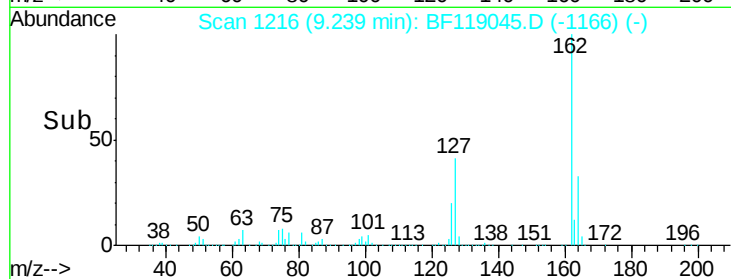
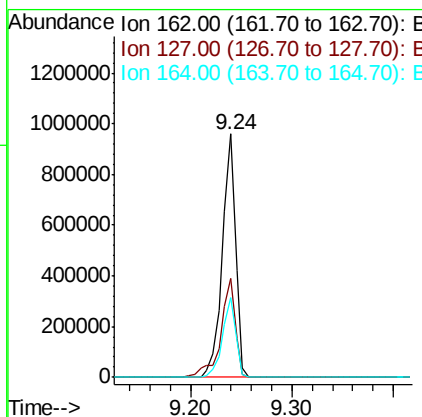
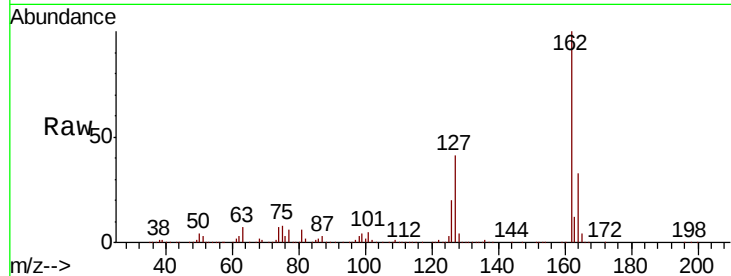




#47
 2-Chloronaphthalene
 Concen: 40.551 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

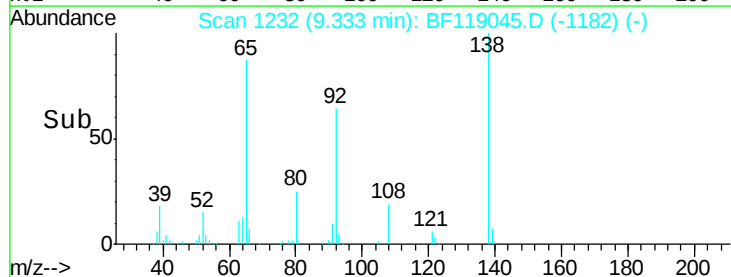
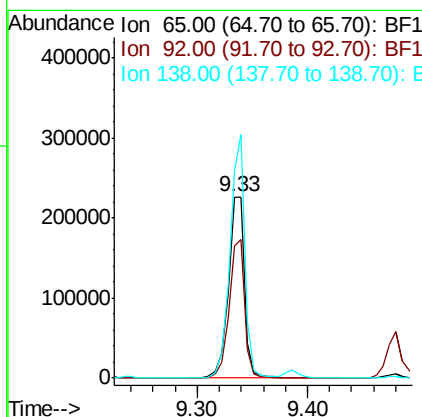
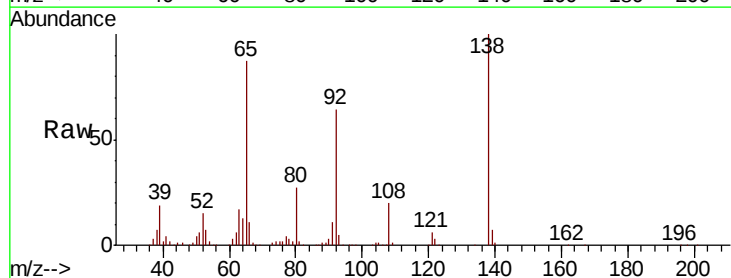
Instrument :
 BNA_F
 ClientSampleId :

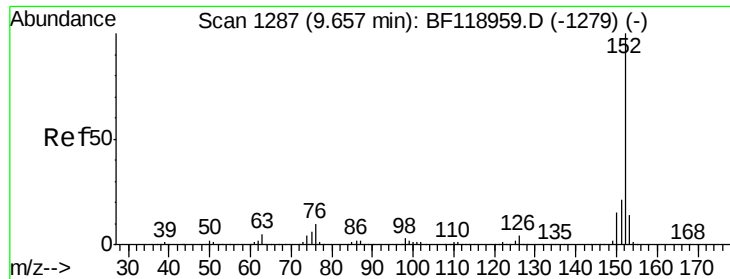
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.9	47.9
164	32.9	26.8	40.2



#48
 2-Nitroaniline
 Concen: 39.047 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	58.6	87.8
138	114.3	97.5	146.3





#49

Acenaphthylene

Concen: 42.929 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

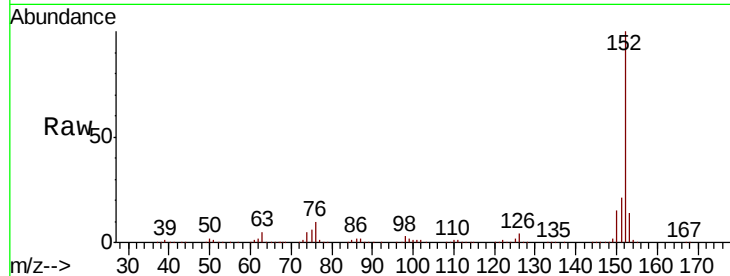
Tot Ion:152 Resp: 1333282

Ion Ratio Lower Upper

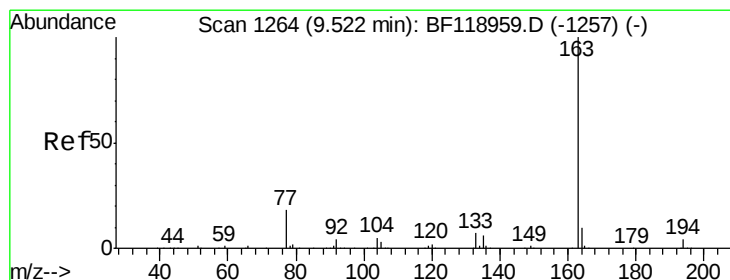
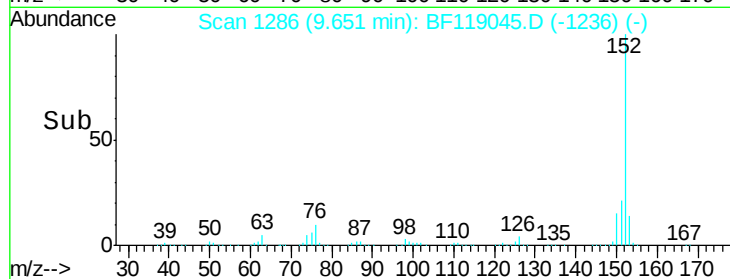
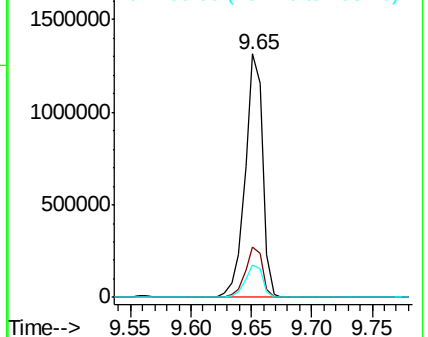
152 100

151 20.6 16.7 25.1

153 13.6 10.9 16.3



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: 46.076 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

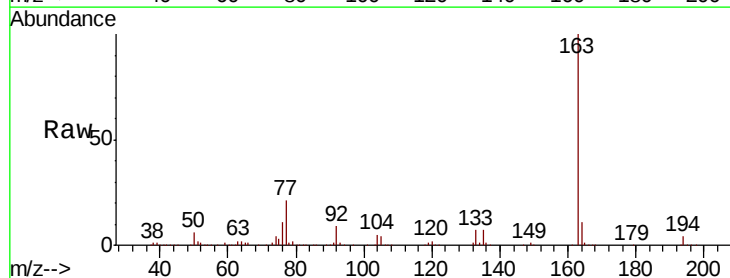
Tgt Ion:163 Resp: 1163316

Ion Ratio Lower Upper

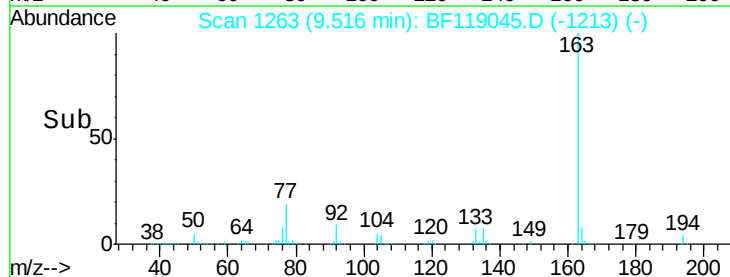
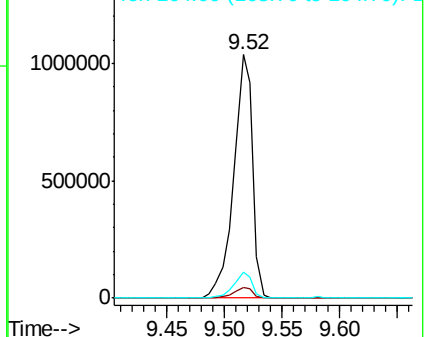
163 100

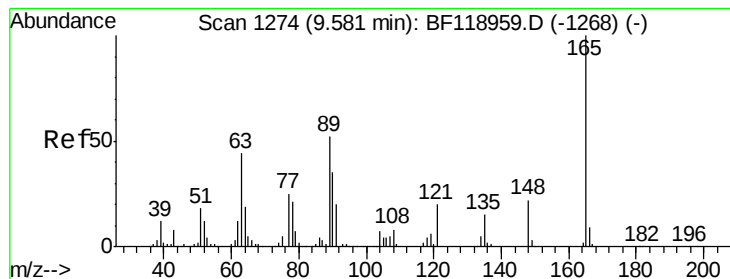
194 4.4 3.4 5.2

164 10.6 8.2 12.2



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





#51

2,6-Dinitrotoluene

Concen: 42.407 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

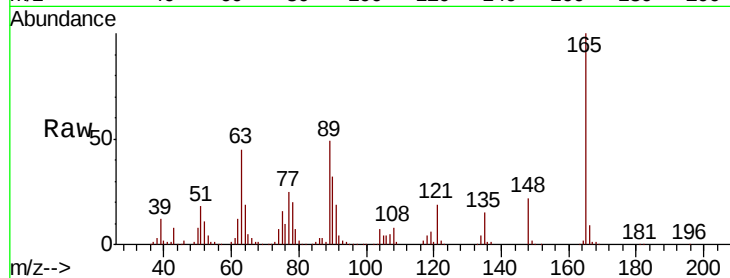
Tot Ion:165 Resp: 237876

Ion Ratio Lower Upper

165 100

63 45.3 37.9 56.9

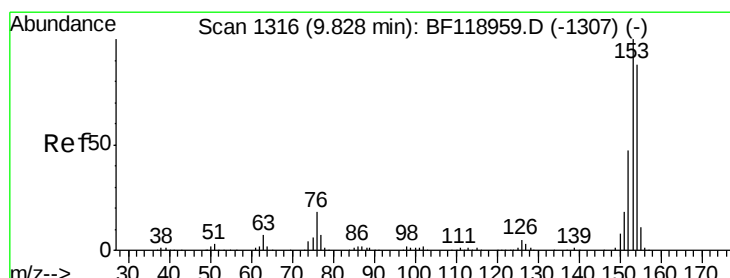
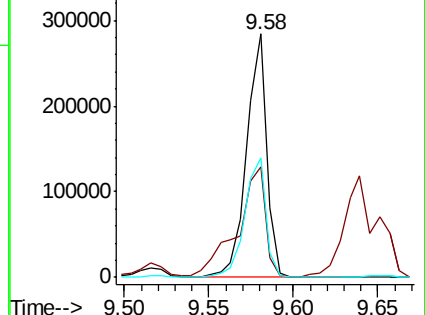
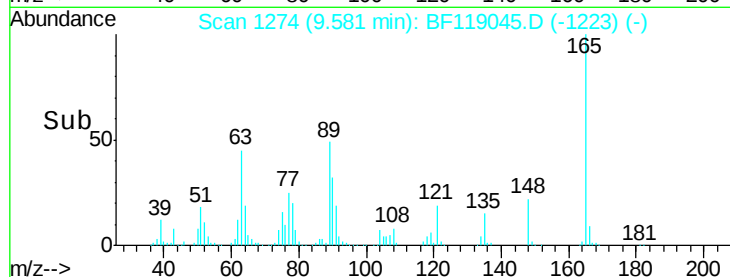
89 49.1 41.4 62.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.443 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

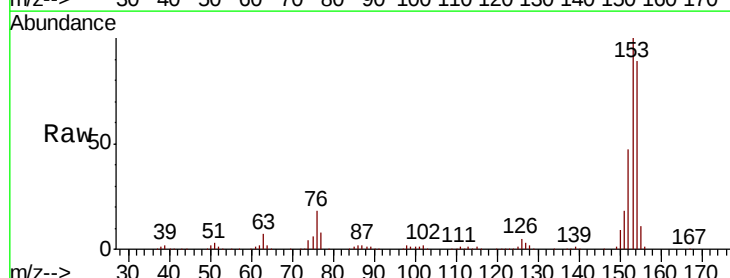
Tgt Ion:154 Resp: 776134

Ion Ratio Lower Upper

154 100

153 112.9 90.4 135.6

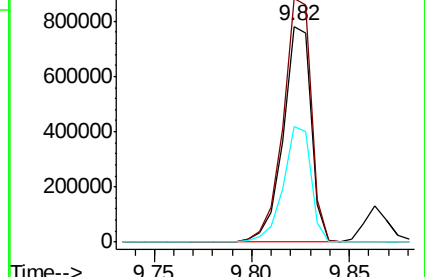
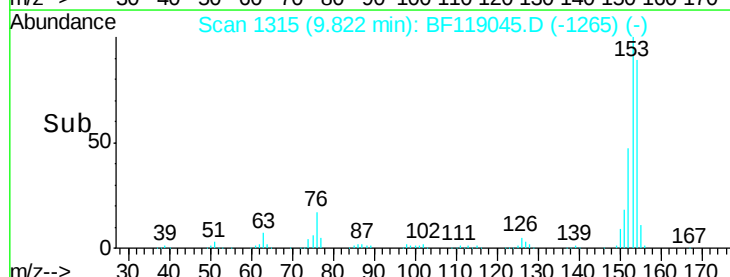
152 53.6 42.9 64.3

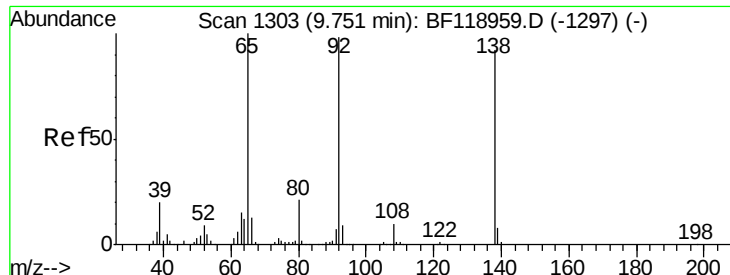


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

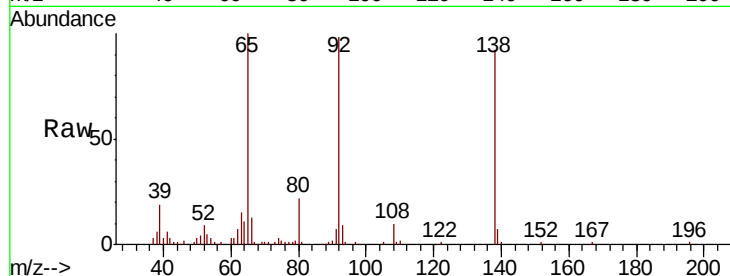




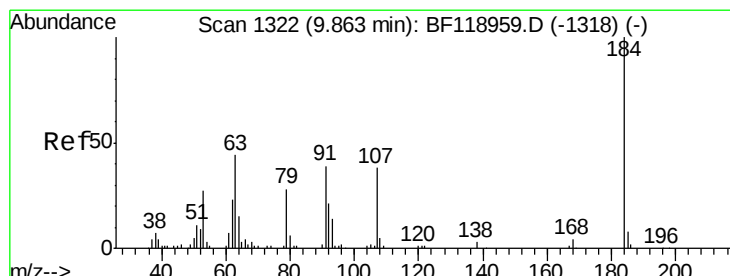
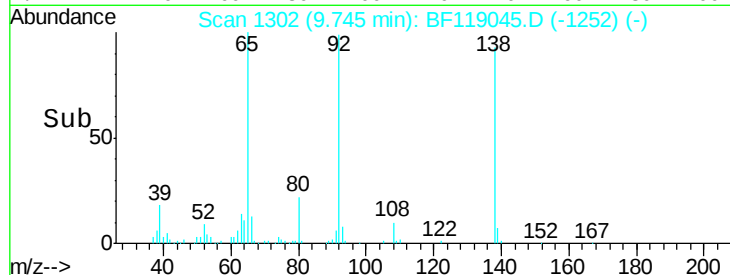
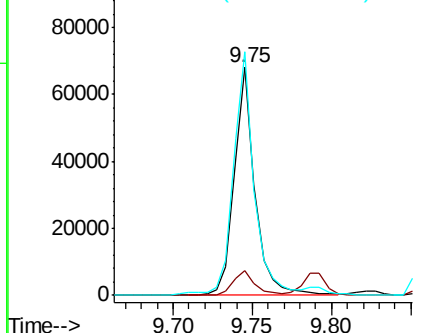
#53
3-Nitroaniline
Concen: 10.014 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 62276
Ion Ratio Lower Upper
138 100
108 10.6 8.6 13.0
92 106.7 84.6 127.0

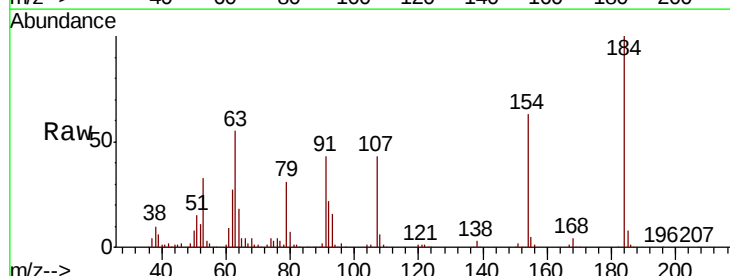


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

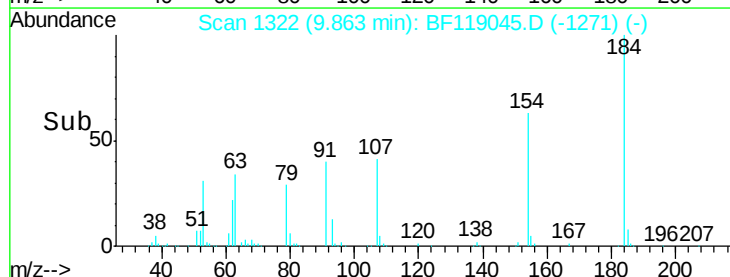
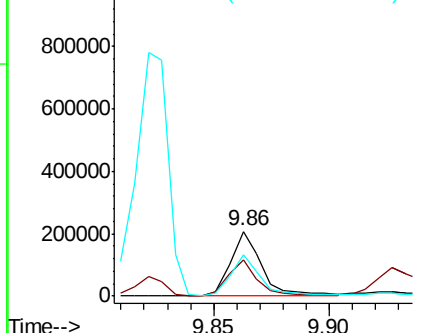


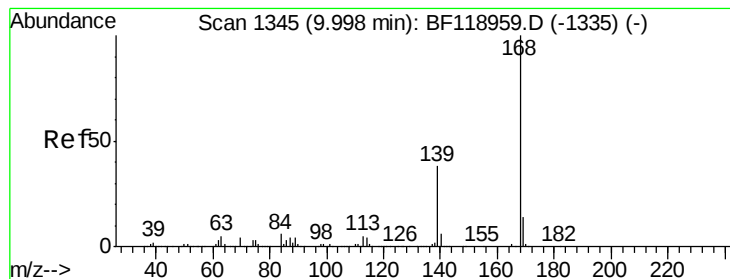
#54
2,4-Dinitrophenol
Concen: 72.777 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion:184 Resp: 196380
Ion Ratio Lower Upper
184 100
63 55.4 37.8 56.6
154 63.2 47.6 71.4



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





#55

Dibenzofuran

Concen: 42.387 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

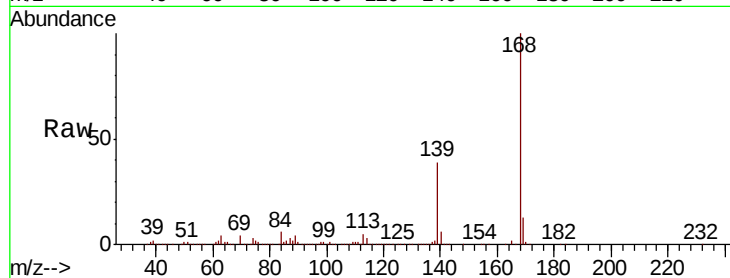
Tot Ion:168 Resp: 1184828

Ion Ratio Lower Upper

168 100

139 39.1 31.7 47.5

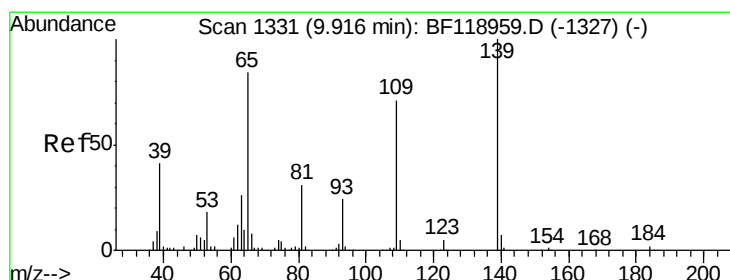
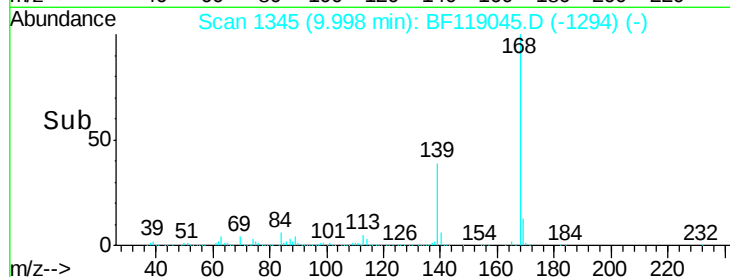
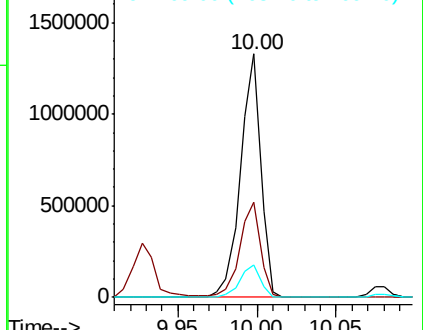
169 13.5 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.862 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

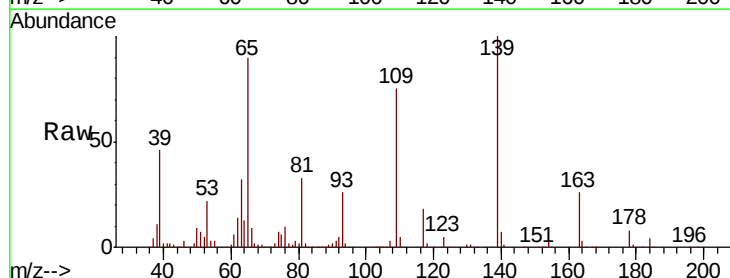
Tgt Ion:139 Resp: 298385

Ion Ratio Lower Upper

139 100

109 75.0 51.1 91.1

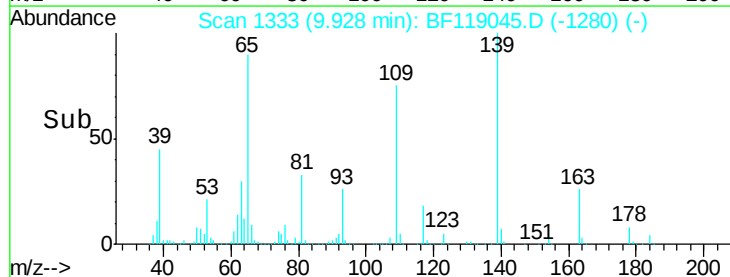
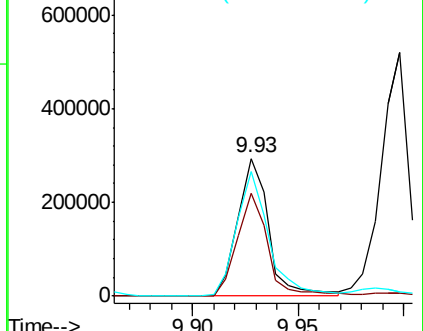
65 89.9 64.7 104.7

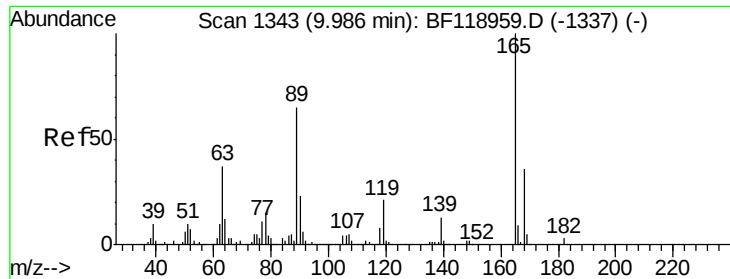


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

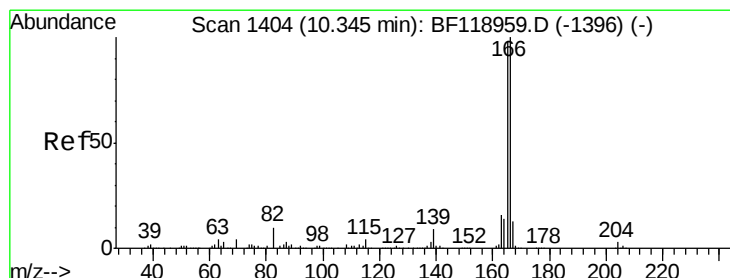
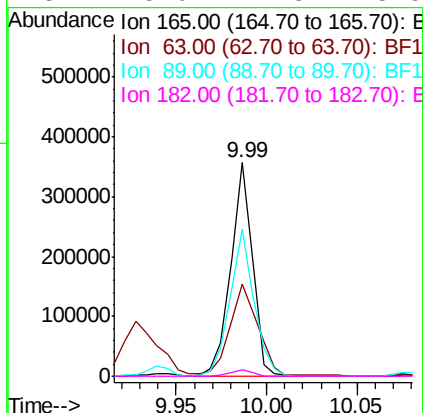
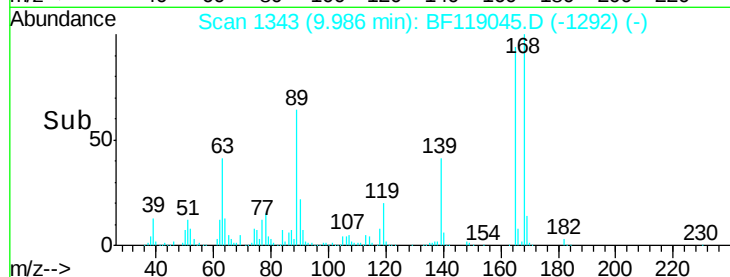
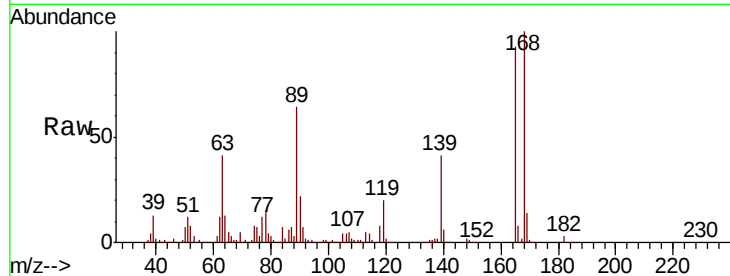




#57
2,4-Dinitrotoluene
Concen: 41.310 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

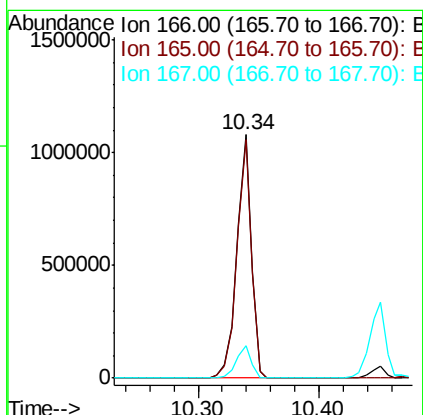
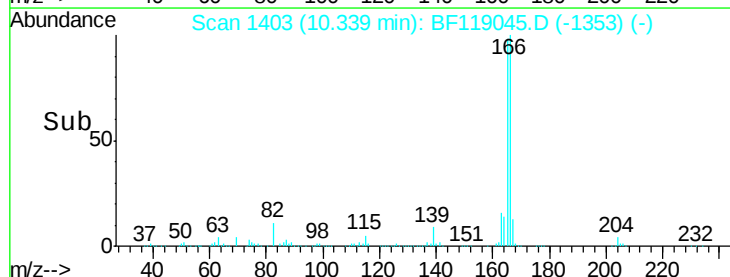
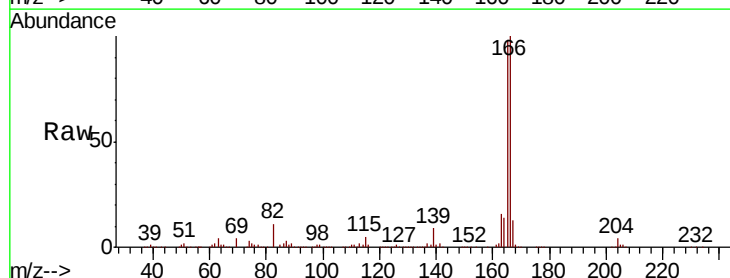
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	29.8	44.8
89	68.9	51.9	77.9
182	3.0	2.3	3.5



#58
Fluorene
Concen: 41.955 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.4
167	13.4	10.6	16.0

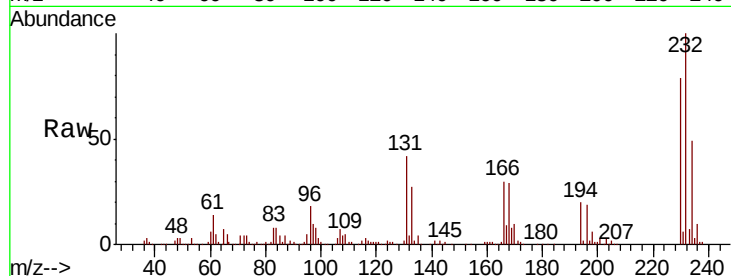




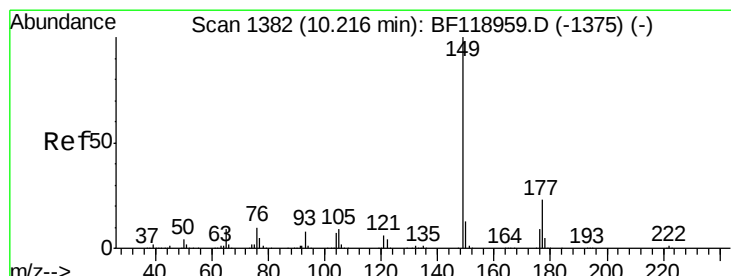
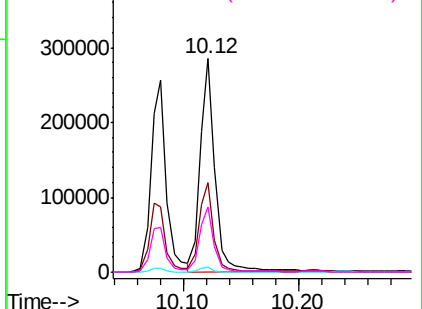
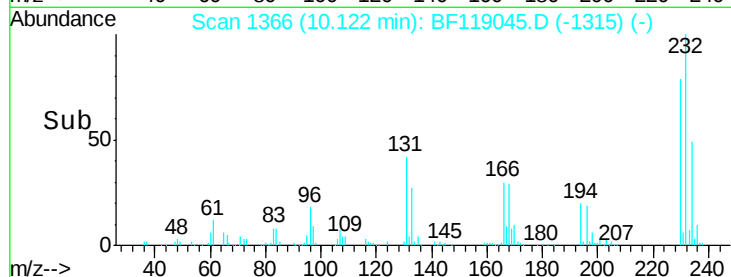
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.189 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	256382
Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.0	51.0
130	2.2	1.6	2.4
166	30.1	23.6	35.4

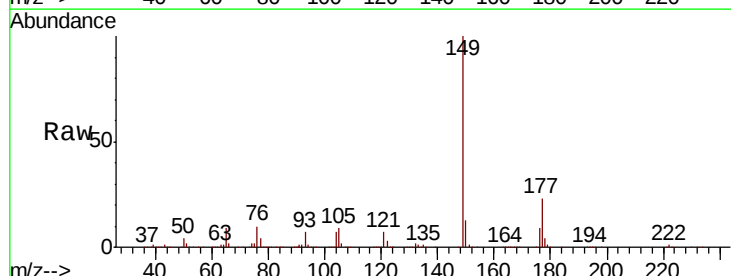


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

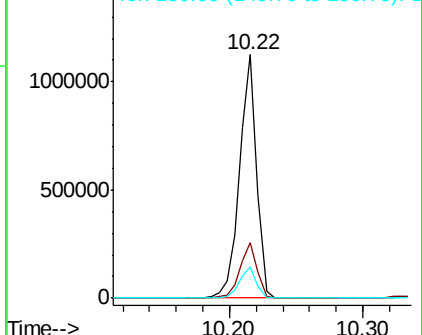
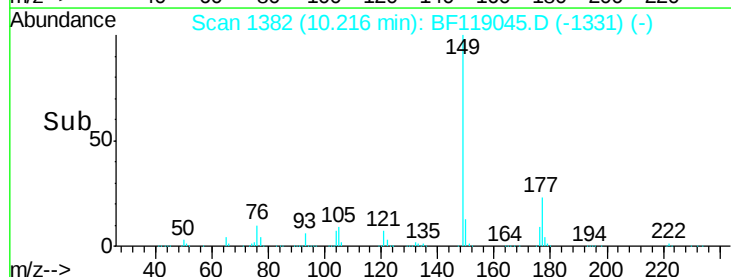


#60
 Diethylphthalate
 Concen: 41.994 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

Tgt Ion:	149	Resp:	999164
Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.1	27.1
150	12.9	10.4	15.6



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

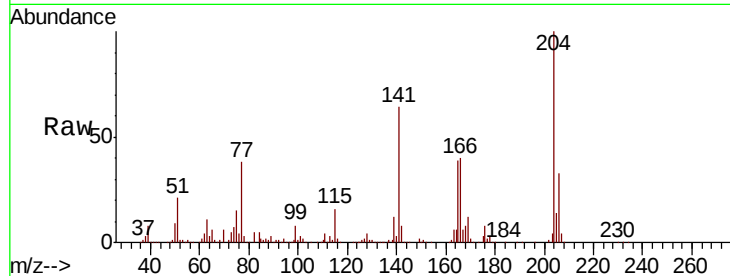




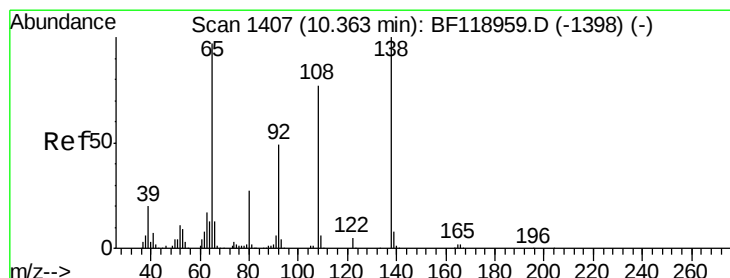
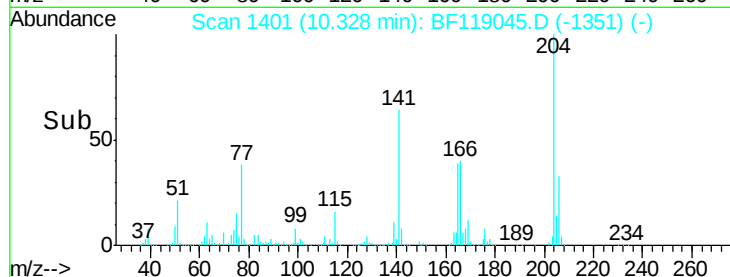
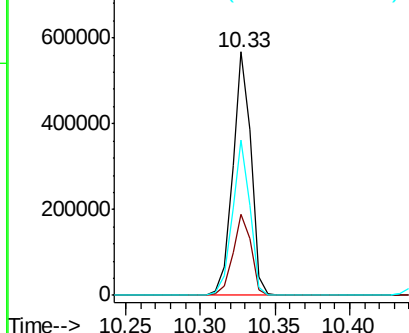
#61
4-Chlorophenyl-phenylether
Concen: 42.553 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	63.8	49.5	74.3

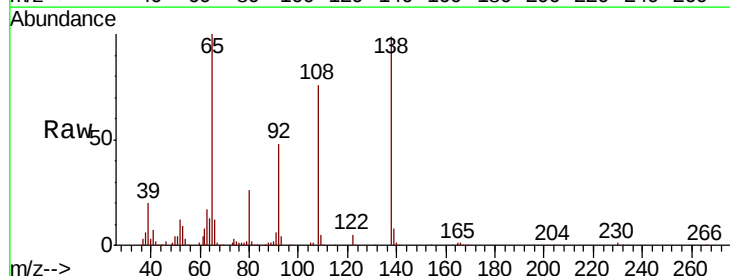


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

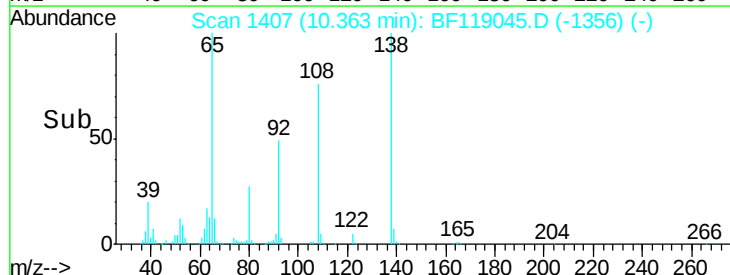
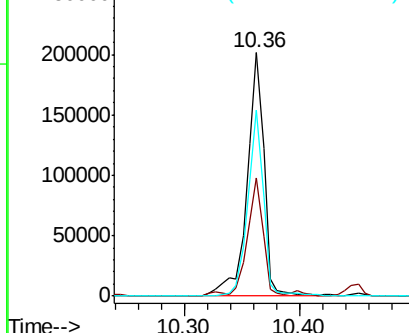


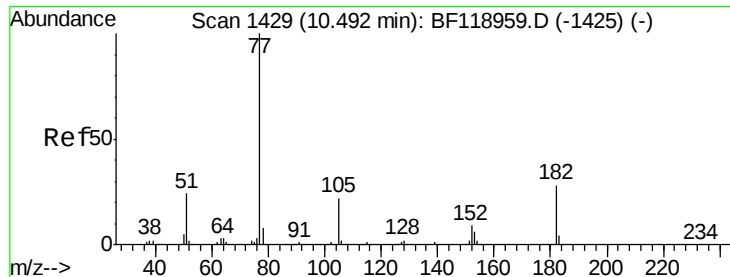
#62
4-Nitroaniline
Concen: 32.218 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	28.7	68.7
108	76.5	56.8	96.8



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

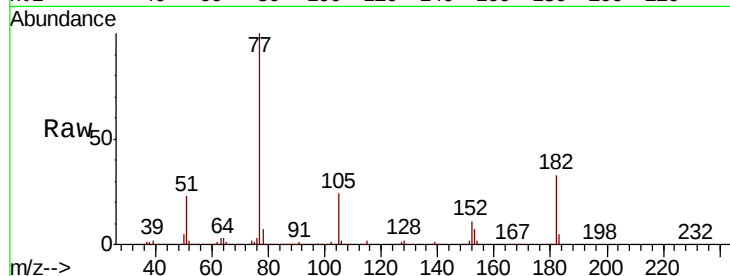




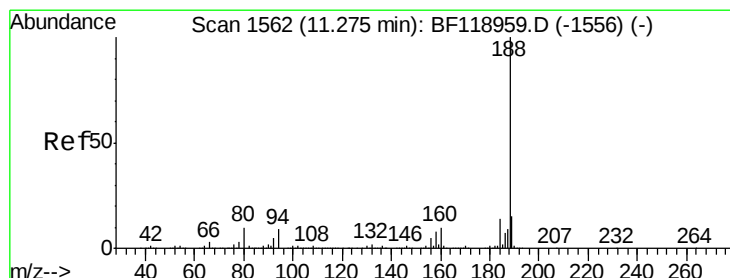
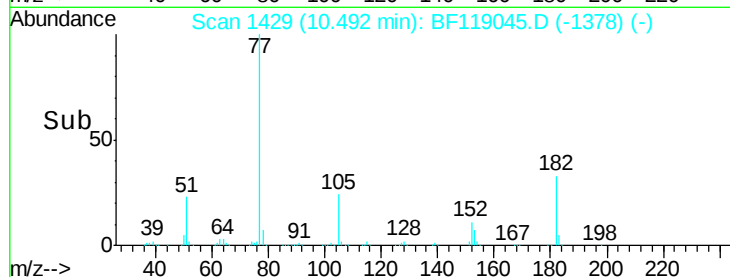
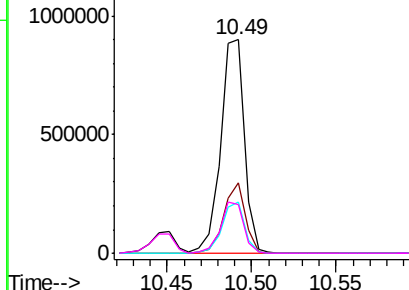
#63
Azobenzene
Concen: 42.536 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 879700
Ion Ratio Lower Upper
77 100
182 32.9 8.2 48.2
105 23.8 2.3 42.3
51 23.1 3.6 43.6

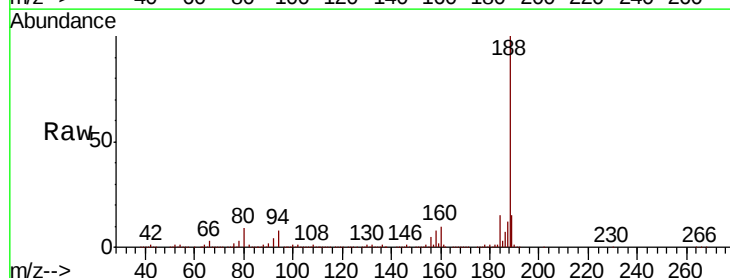


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

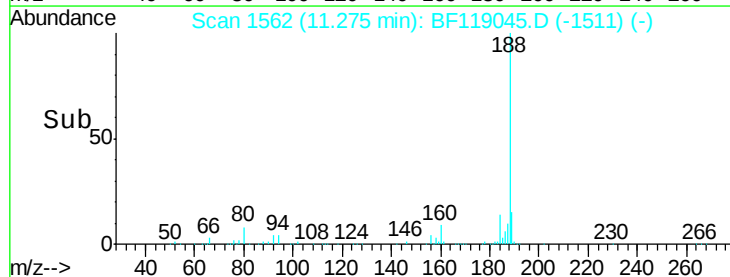
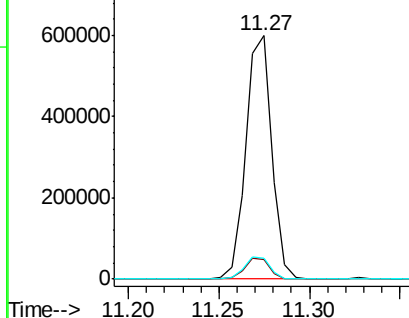


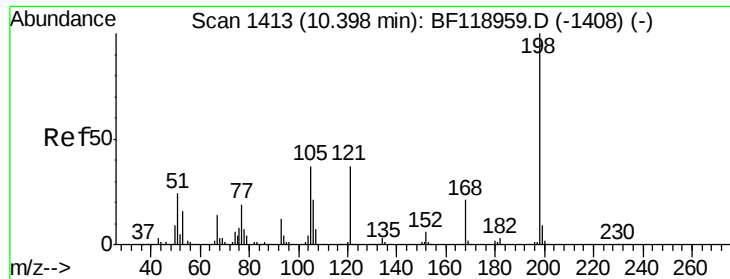
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion: 188 Resp: 592512
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.7 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

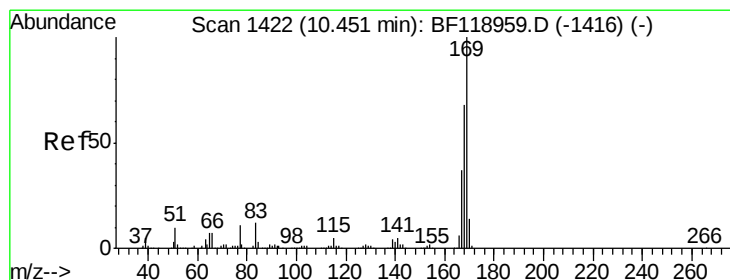
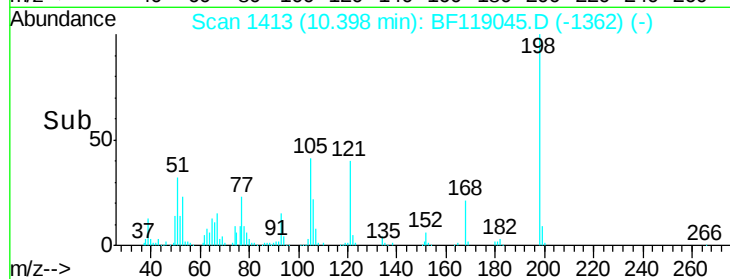
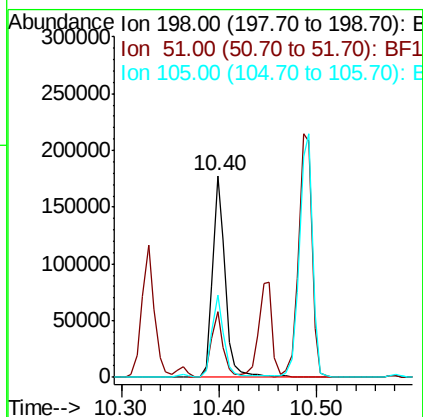
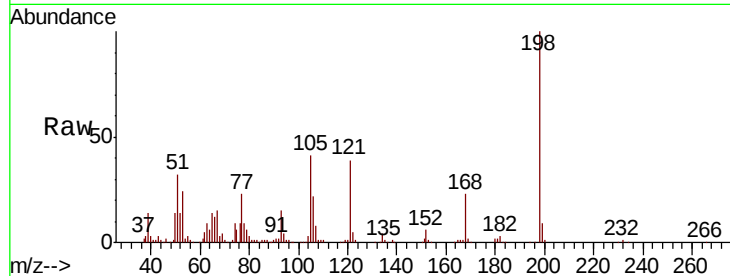




#65
4,6-Dinitro-2-methylphenol
Concen: 44.901 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

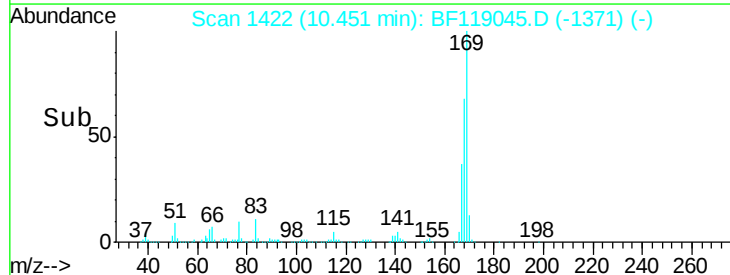
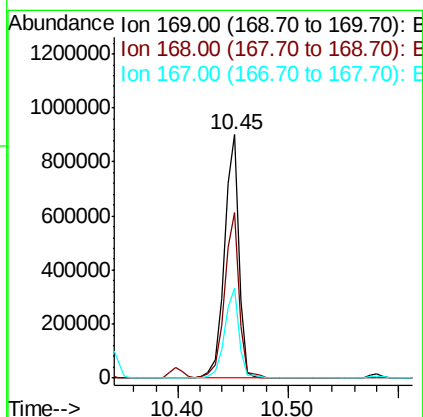
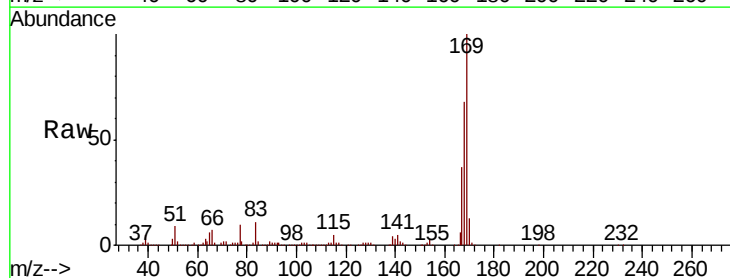
Instrument :
BNA_F
ClientSampled :

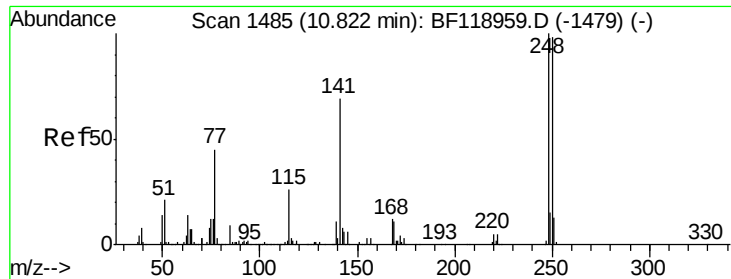
Tot Ion	Ratio	Lower	Upper
198	100		
51	32.2	7.1	47.1
105	41.0	18.3	58.3



#66
n-Nitrosodiphenylamine
Concen: 42.357 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.2	81.2
167	37.2	29.4	44.2

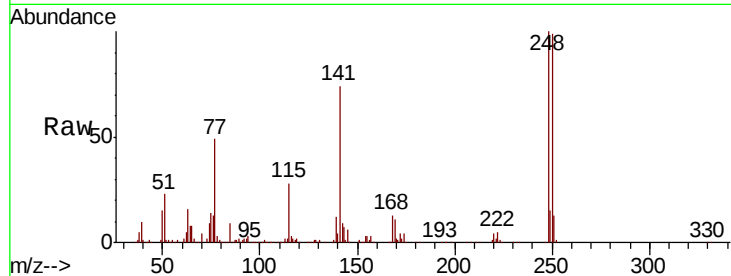




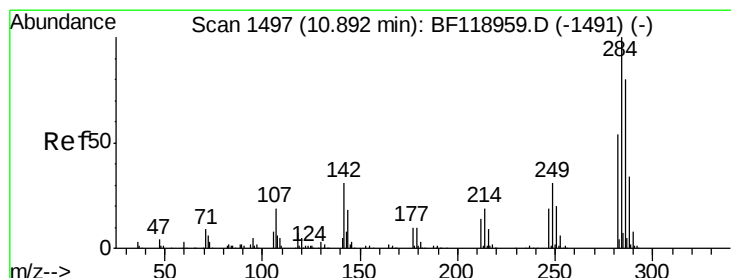
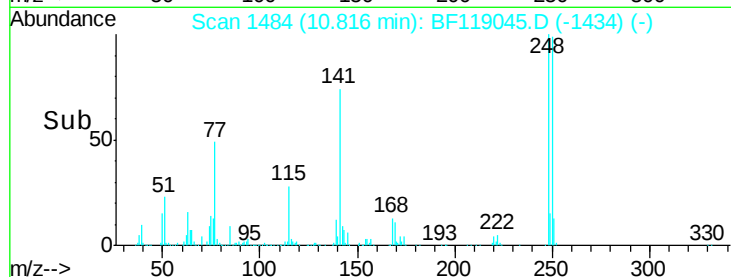
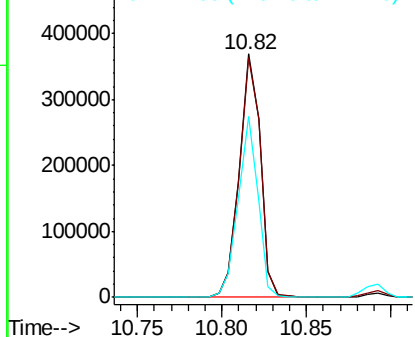
#67
4-Bromophenyl-phenylether
Concen: 41.476 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.8	118.2
141	74.1	55.3	82.9

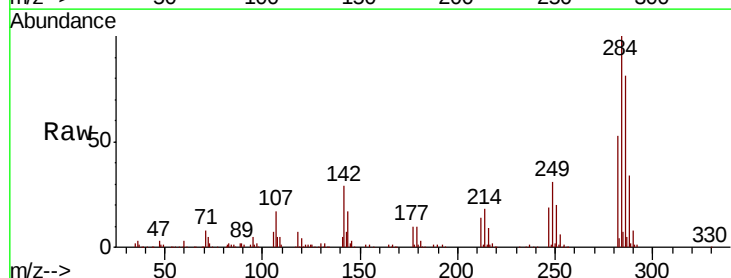


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

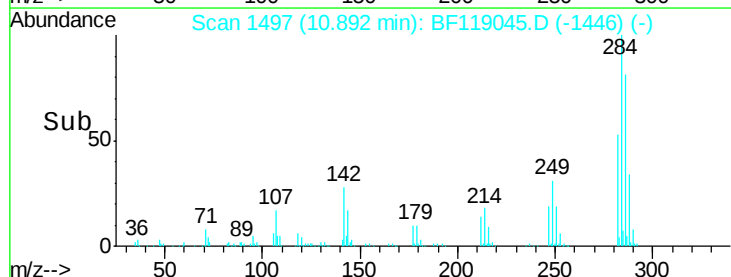
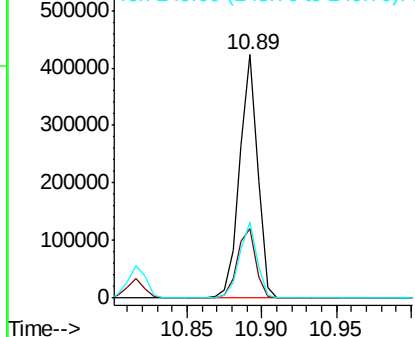


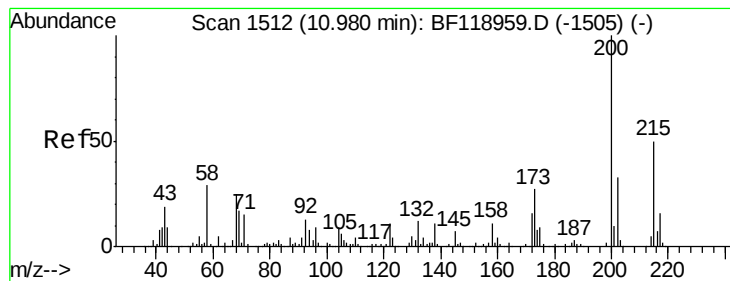
#68
Hexachlorobenzene
Concen: 39.954 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	25.0	37.6
249	30.9	25.0	37.4



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: 43.643 ng

RT: 10.98 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampled :

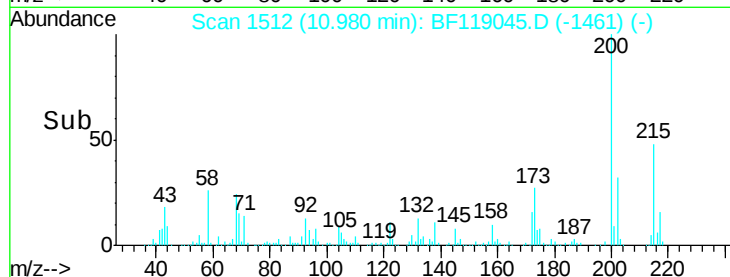
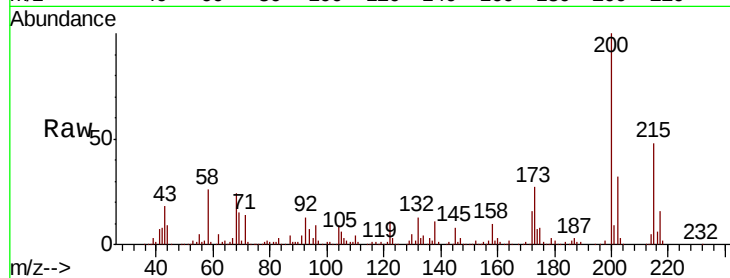
Tot Ion:200 Resp: 295835

Ion Ratio Lower Upper

200 100

173 26.5 6.9 46.9

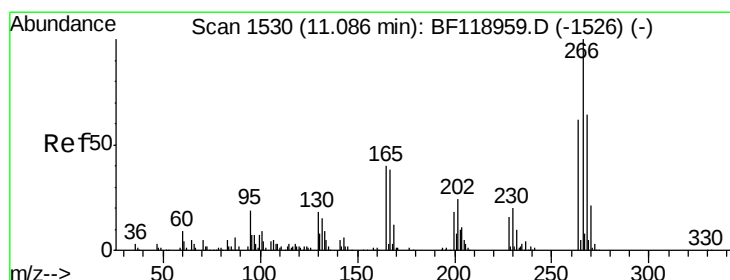
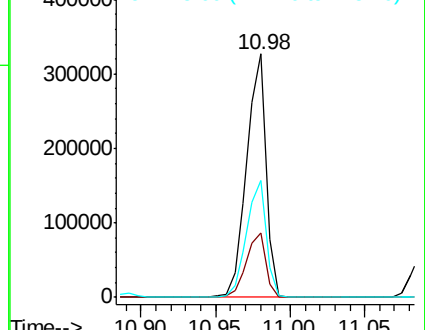
215 48.2 29.7 69.7



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: 85.828 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

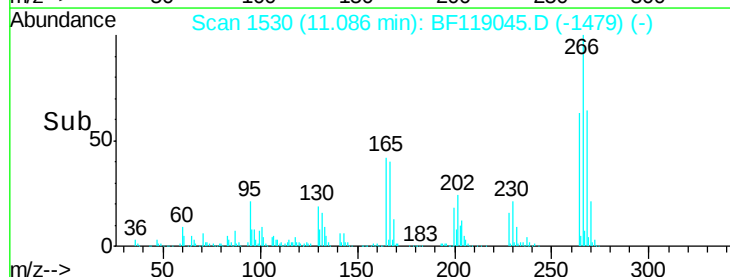
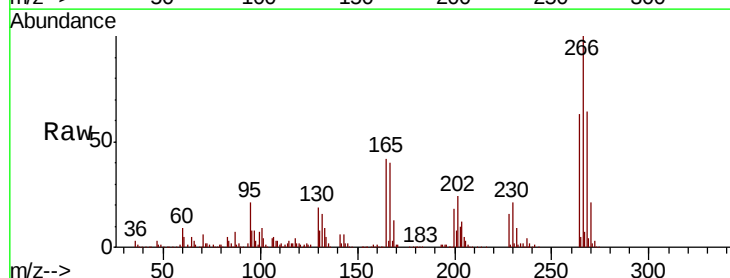
Tgt Ion:266 Resp: 308724

Ion Ratio Lower Upper

266 100

268 63.7 51.4 77.0

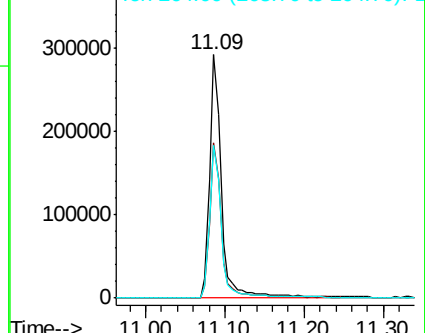
264 62.8 49.5 74.3

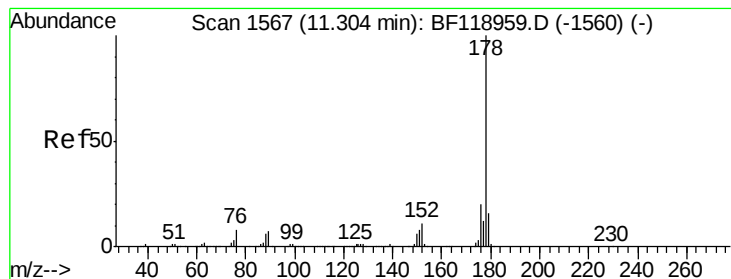


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.699 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

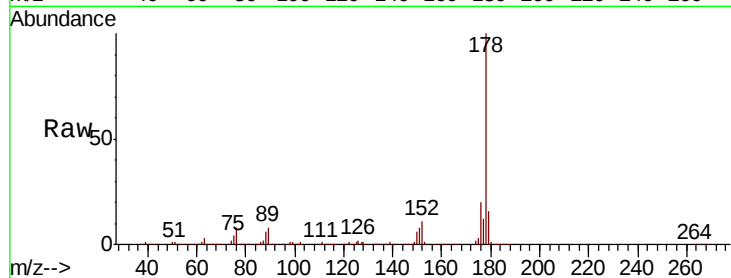
Tot Ion:178 Resp: 1315083

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

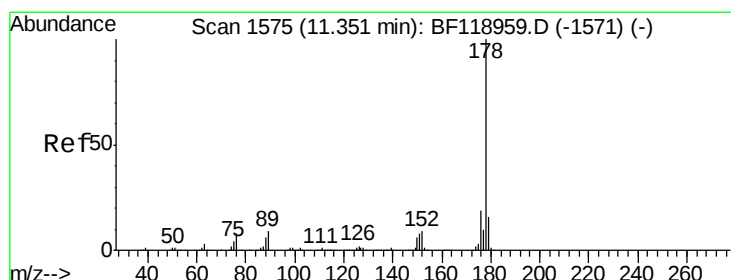
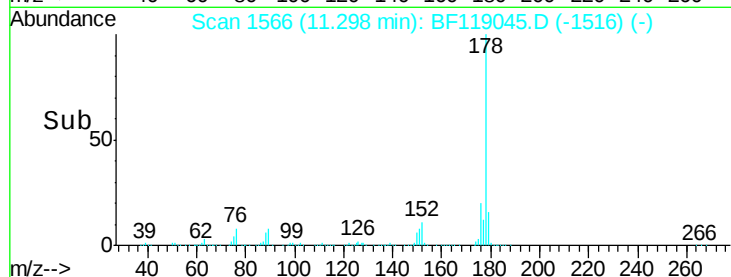
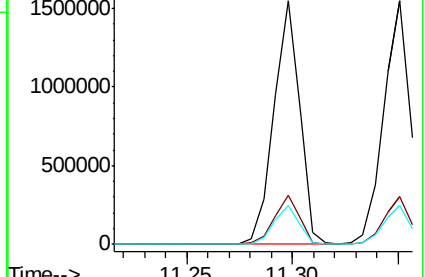
179 15.7 12.6 18.8



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: 42.534 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

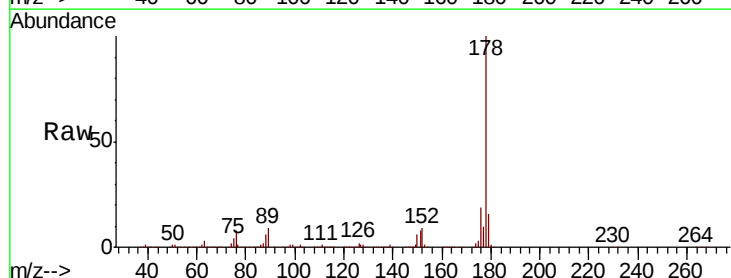
Tgt Ion:178 Resp: 1373239

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

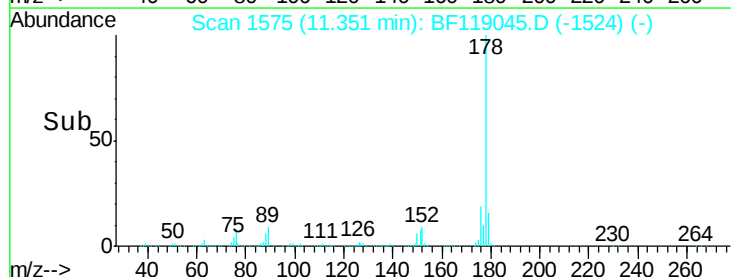
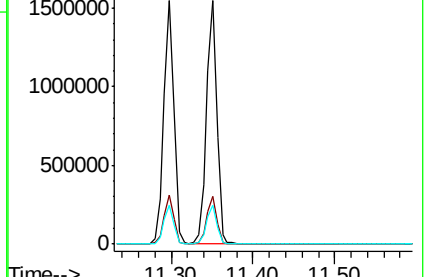
179 15.9 12.8 19.2



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: 39.649 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

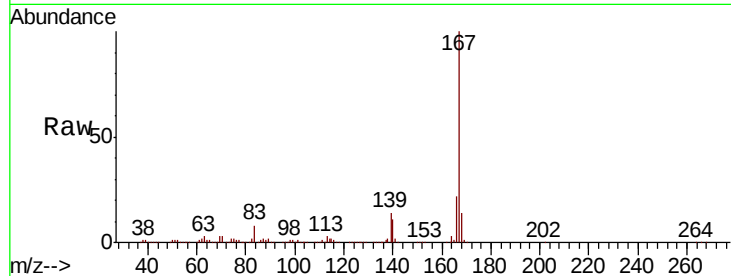
Tot Ion:167 Resp: 1140418

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

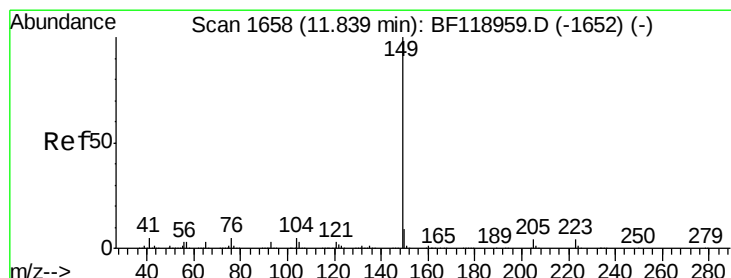
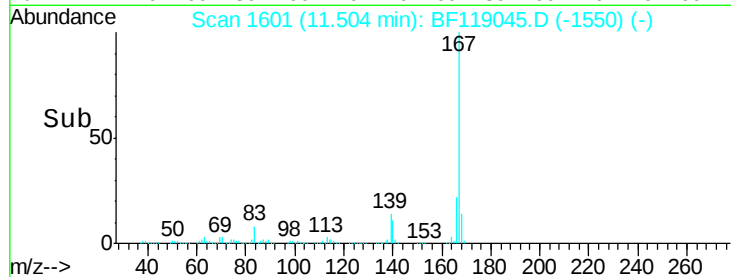
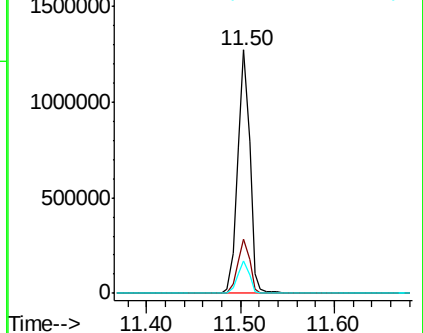
139 13.5 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.937 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

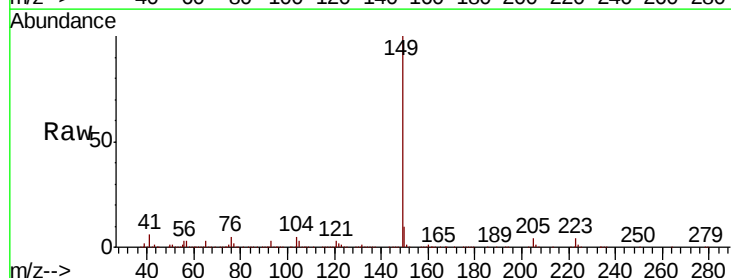
Tgt Ion:149 Resp: 1495572

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

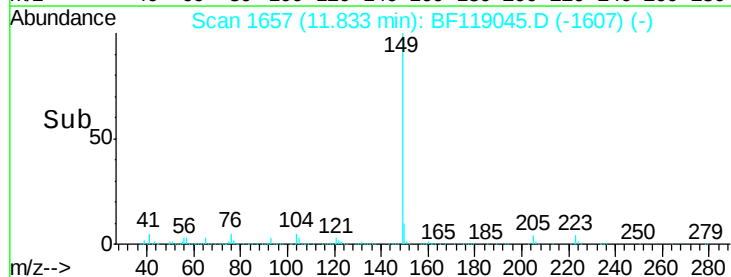
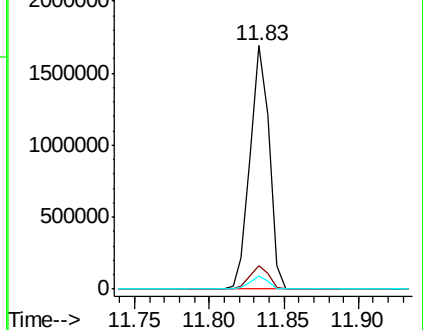
104 5.2 4.0 6.0

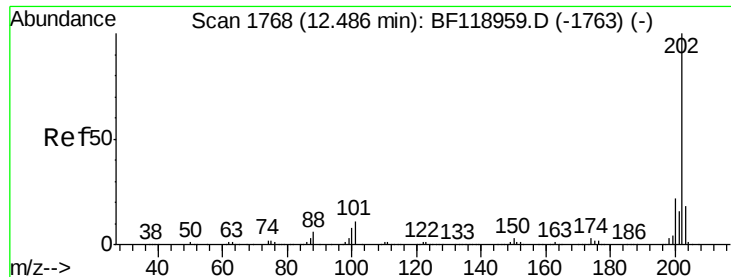


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.101 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

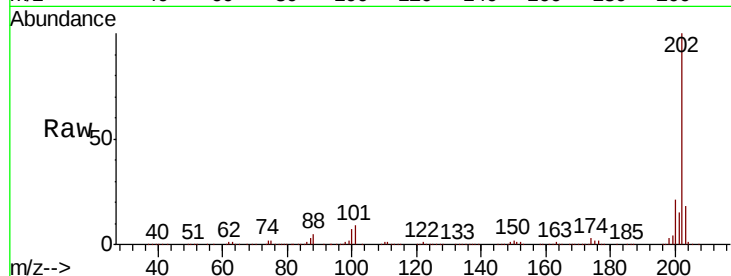
Tot Ion:202 Resp: 1306836

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	31.1
203	17.7	0.0	38.1

202 100

101 9.5 0.0 31.1

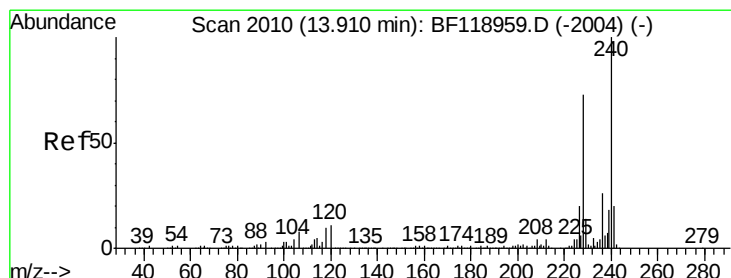
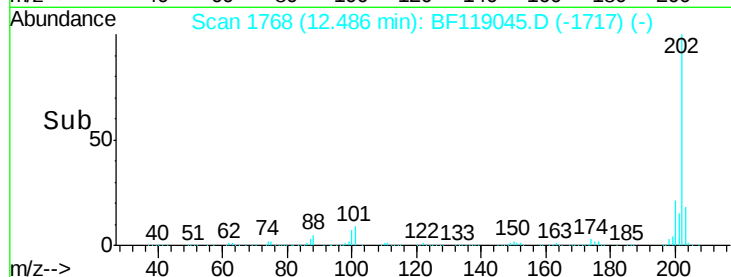
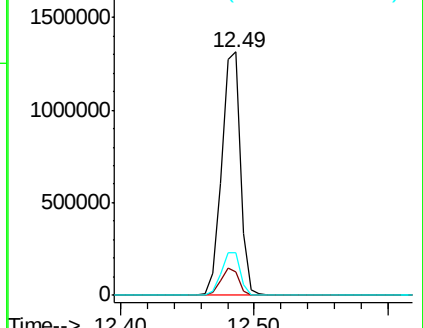
203 17.7 0.0 38.1



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: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

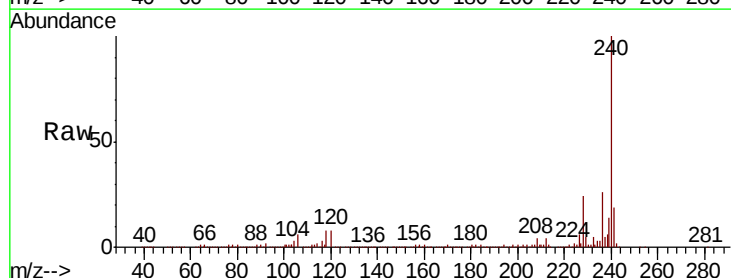
Tgt Ion:240 Resp: 370386

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.9	13.3#
236	25.6	20.6	30.8

240 100

120 8.5 8.9 13.3#

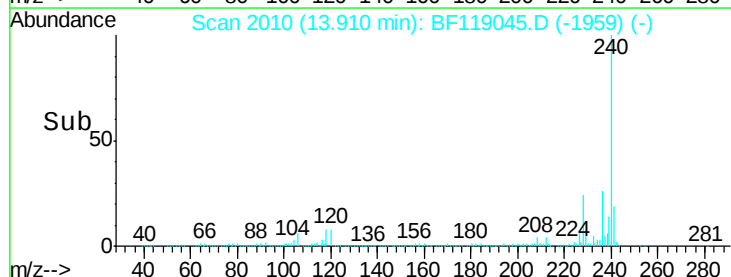
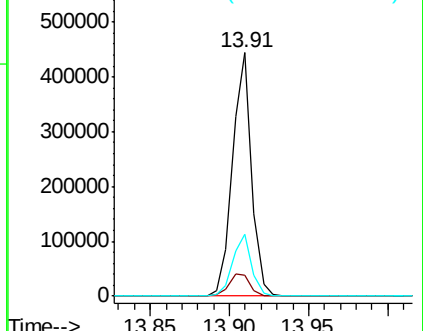
236 25.6 20.6 30.8

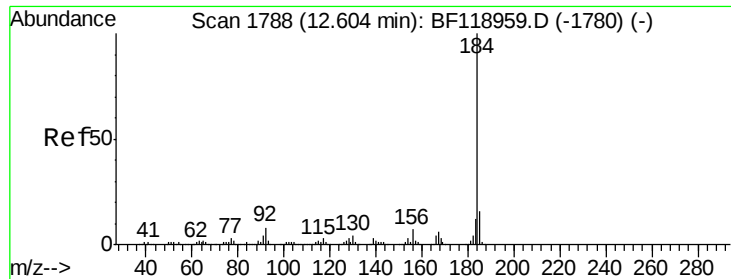


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.674 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

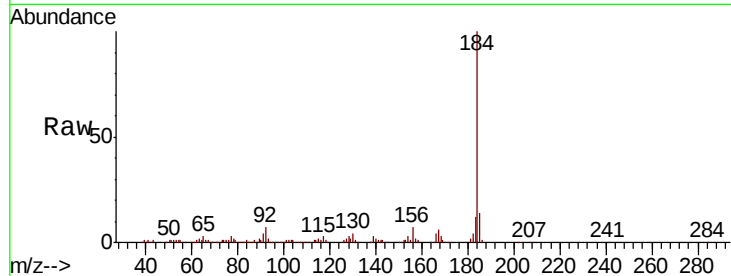
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 341540

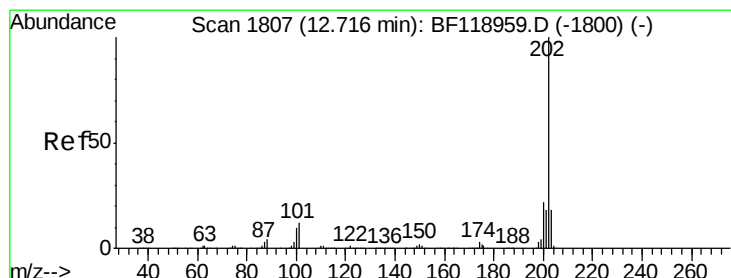
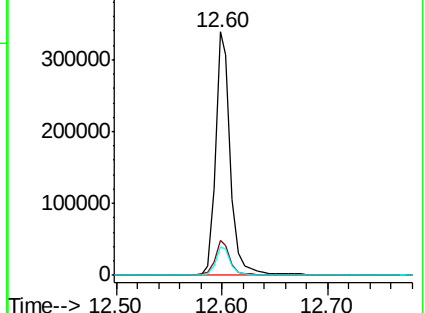
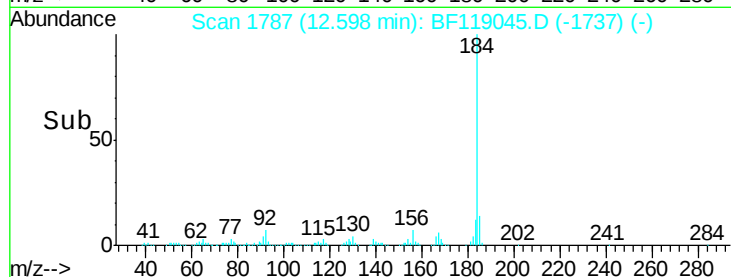
Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	19.0
183	11.6	9.9	14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.323 ng

RT: 12.71 min Scan# 1806

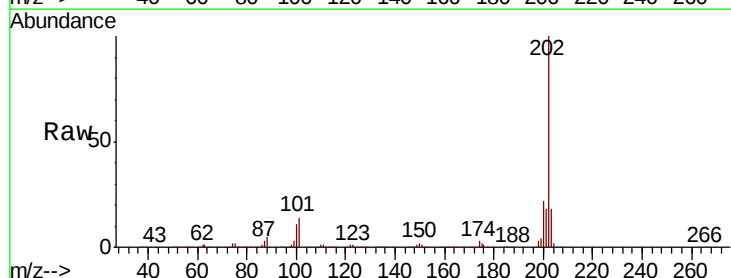
Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Tgt Ion:202 Resp: 1288485

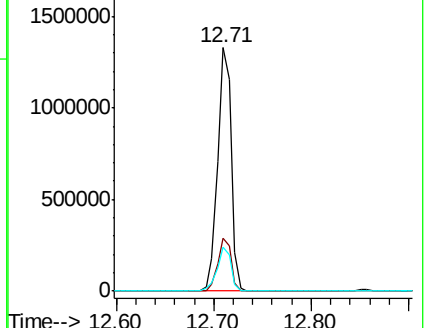
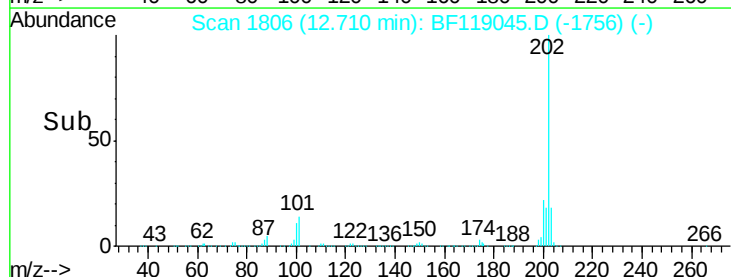
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.0
203	18.0	14.5	21.7

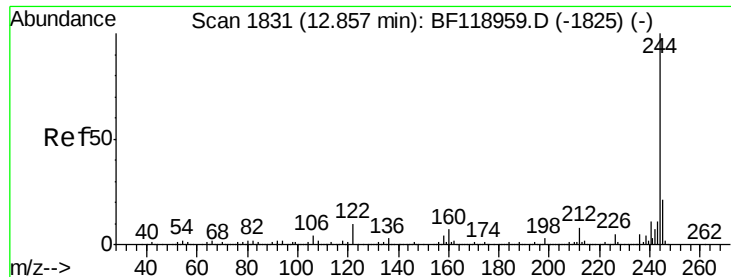


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.991 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampled :

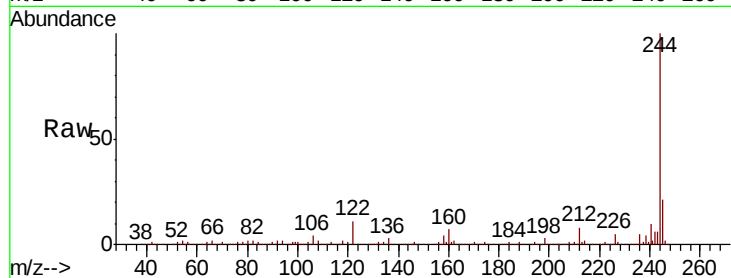
Tot Ion:244 Resp: 1763879

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

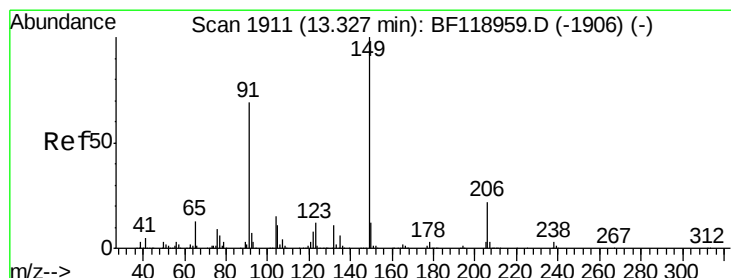
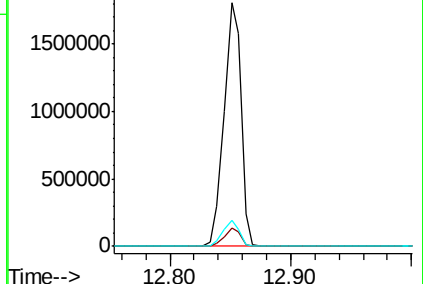
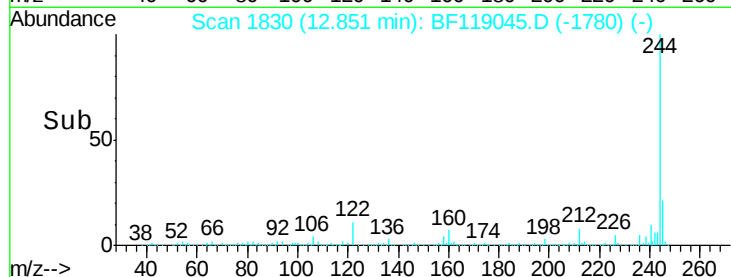
122 10.5 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.418 ng

RT: 13.33 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

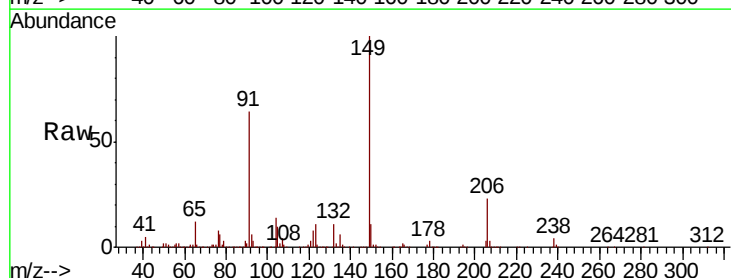
Tgt Ion:149 Resp: 555995

Ion Ratio Lower Upper

149 100

91 64.5 55.4 83.2

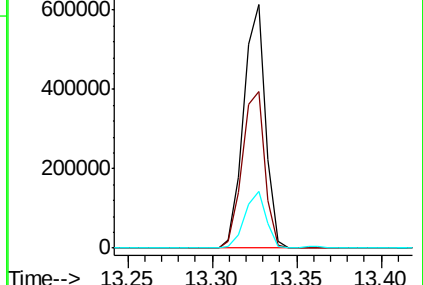
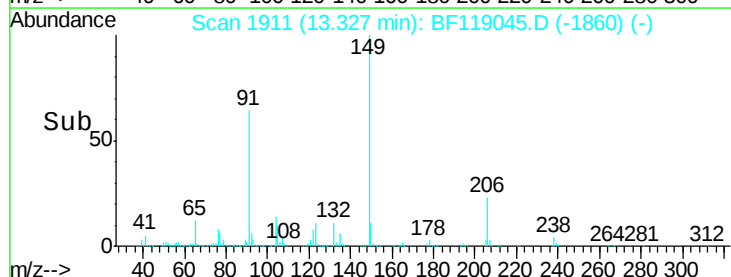
206 23.3 17.7 26.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.454 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampled :

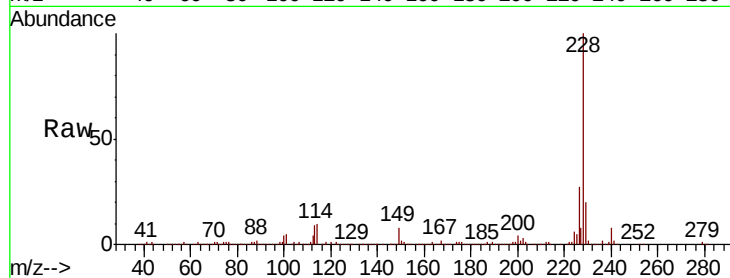
Tot Ion:228 Resp: 995691

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

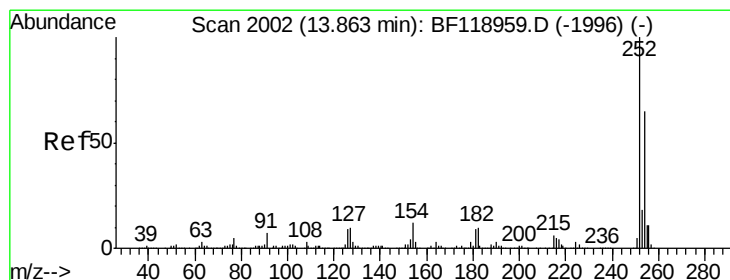
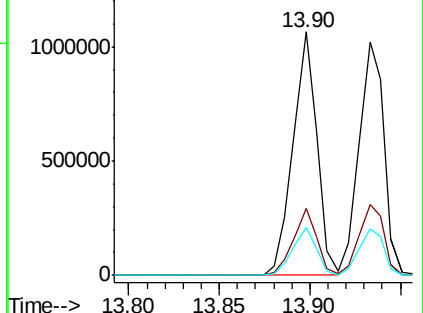
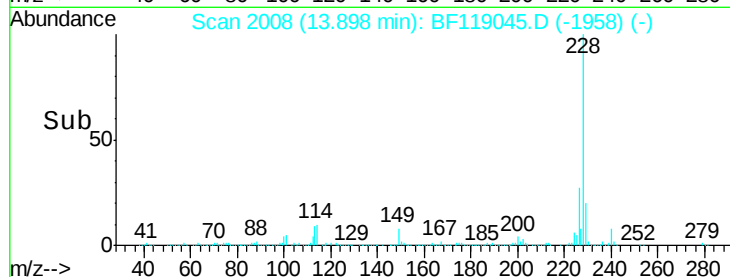
229 19.6 16.0 24.0



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: 21.551 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

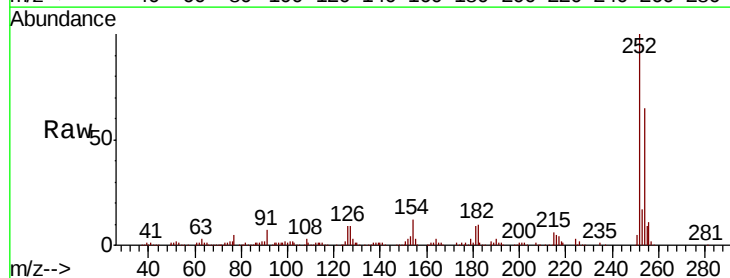
Tgt Ion:252 Resp: 211195

Ion Ratio Lower Upper

252 100

254 65.1 52.1 78.1

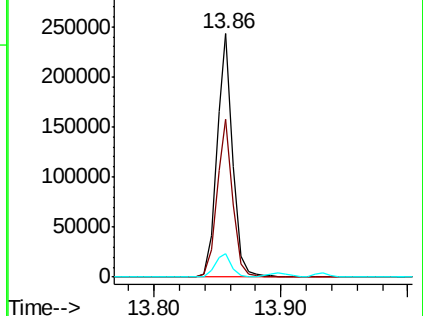
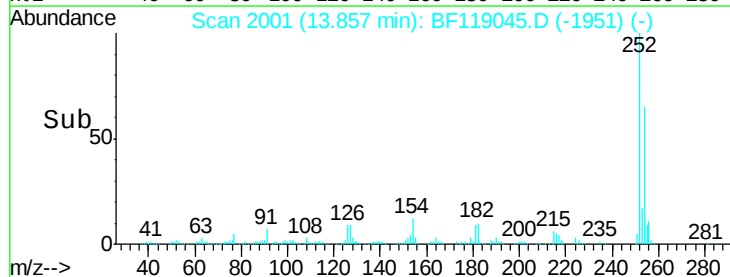
126 9.4 7.3 10.9

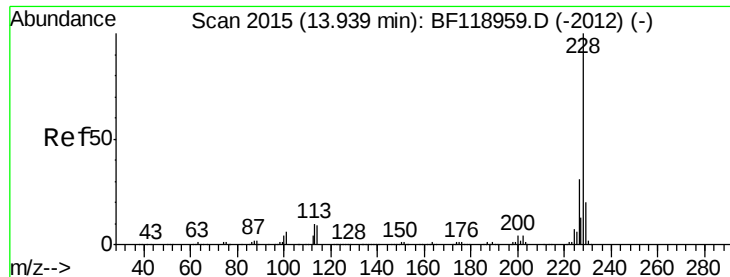


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

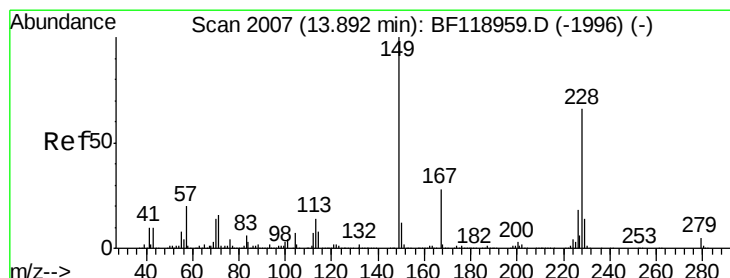
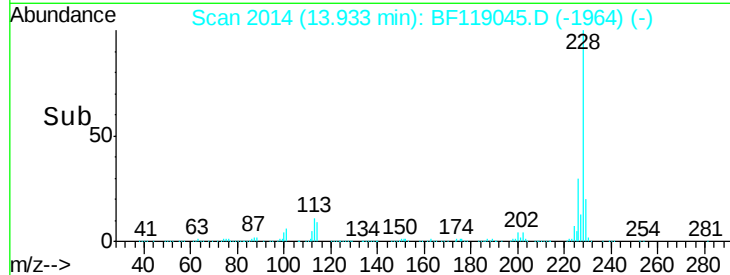
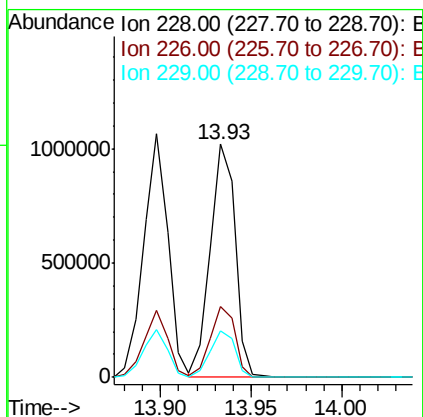
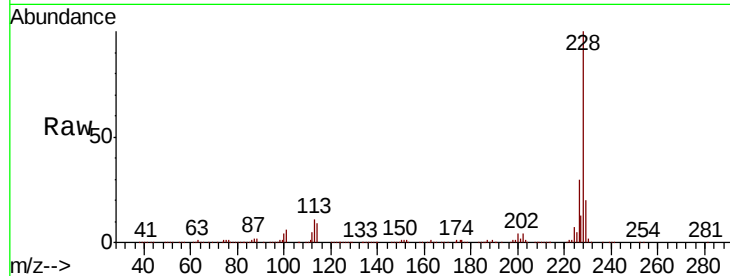




#83
 Chrvsene
 Concen: 38.857 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

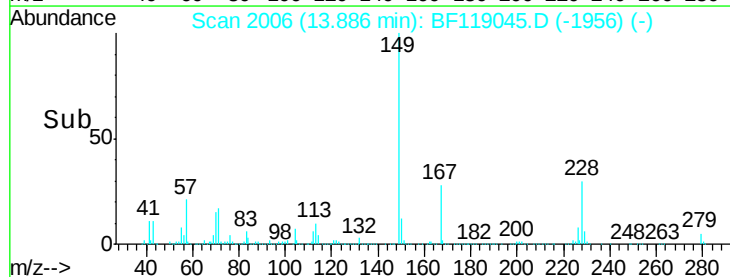
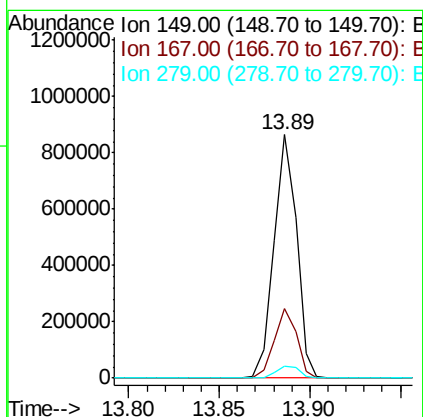
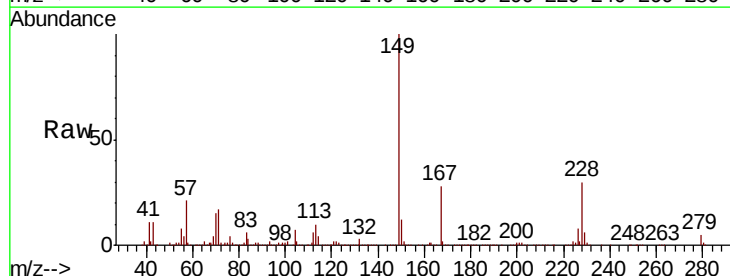
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 977122
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.6 37.0
 229 20.0 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.572 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119045.D
 Acq: 25 Feb 2020 2:52

Tgt Ion:149 Resp: 752305
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.3 33.5
 279 5.0 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 46.293 ng

RT: 14.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

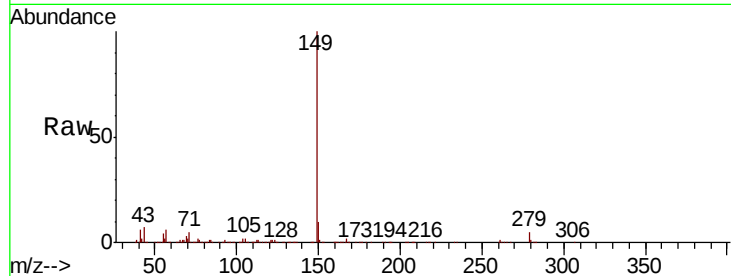
Tot Ion:149 Resp: 1166420

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

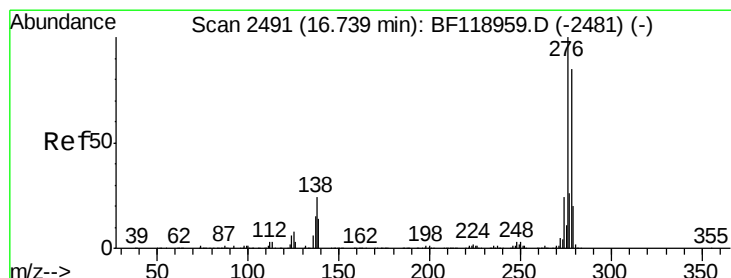
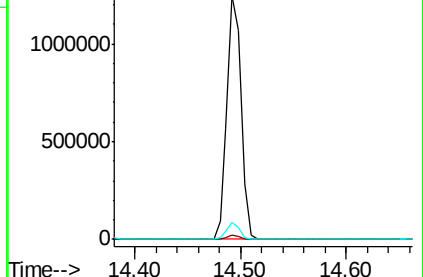
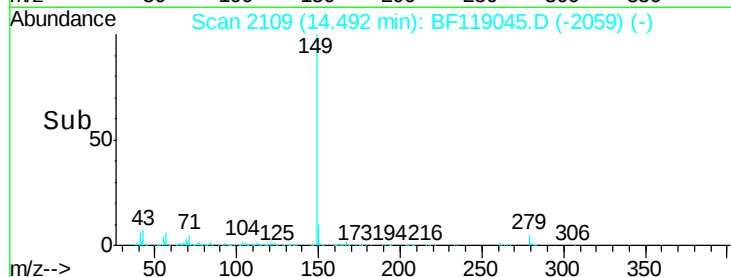
43 6.4 5.2 7.8



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: 47.887 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

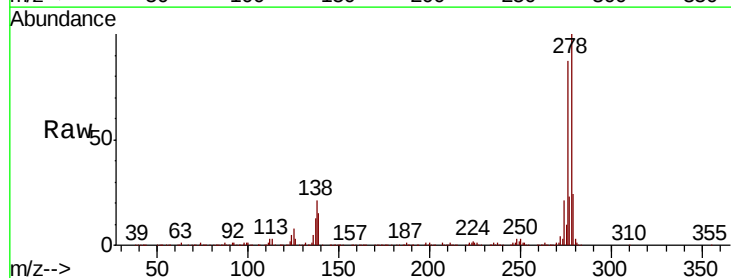
Tgt Ion:276 Resp: 1165982

Ion Ratio Lower Upper

276 100

138 21.9 18.7 28.1

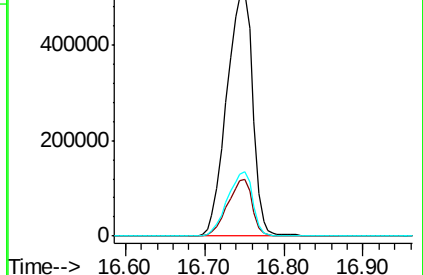
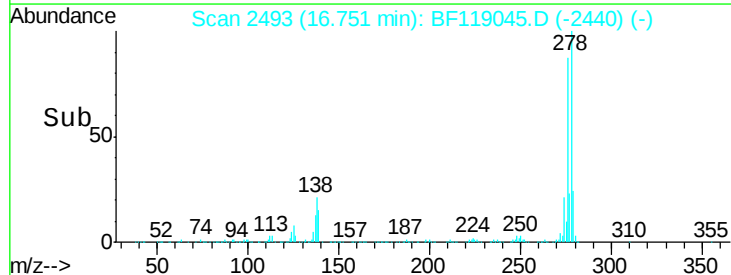
277 25.5 20.3 30.5

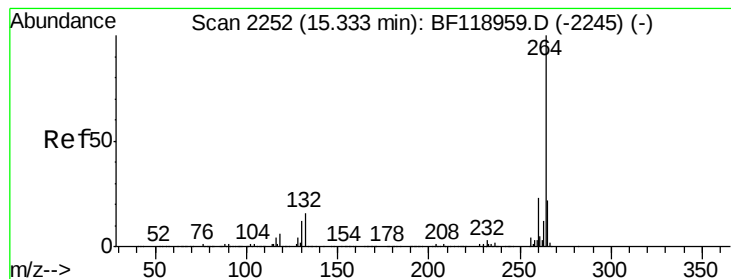


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

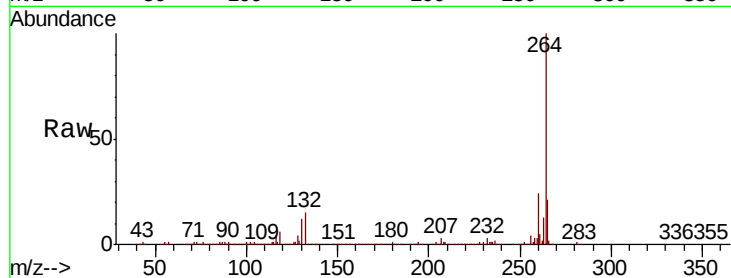
Tot Ion:264 Resp: 367686

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

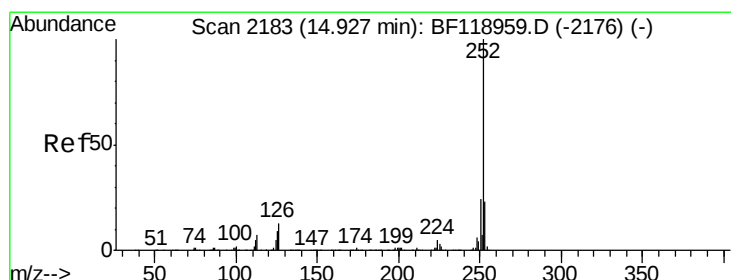
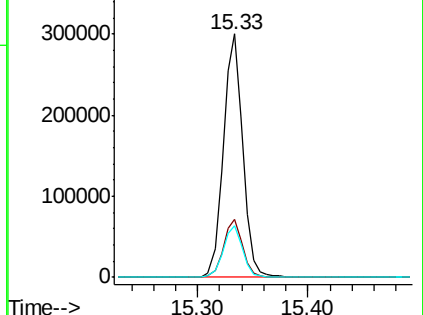
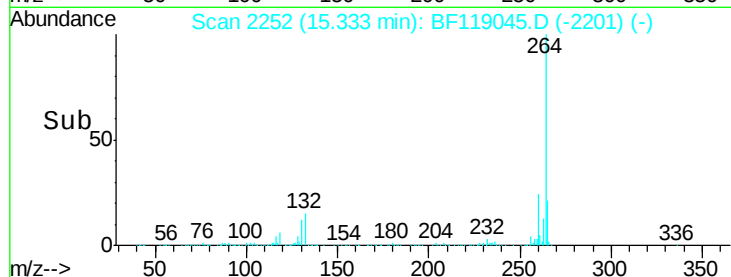
265 21.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.858 ng

RT: 14.93 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

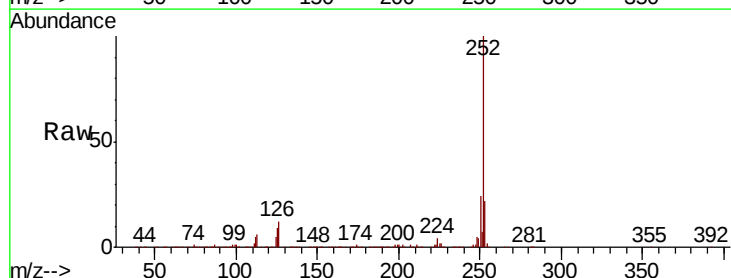
Tgt Ion:252 Resp: 965996

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

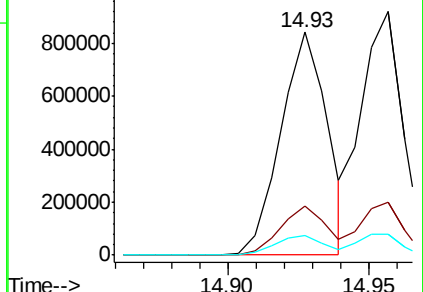
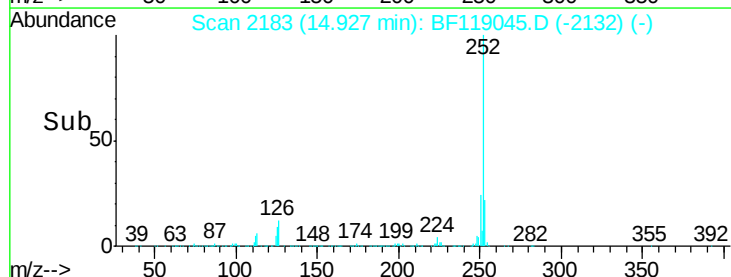
125 8.9 7.4 11.0

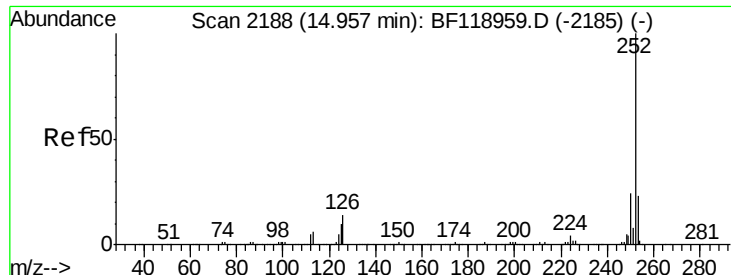


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

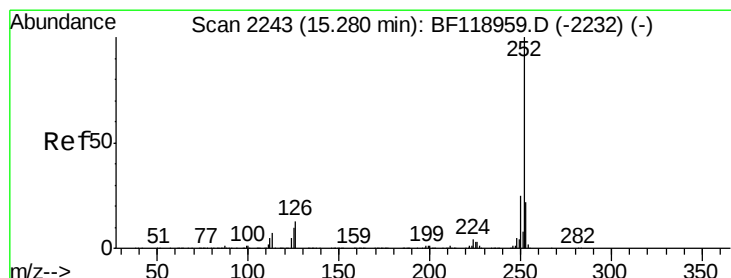
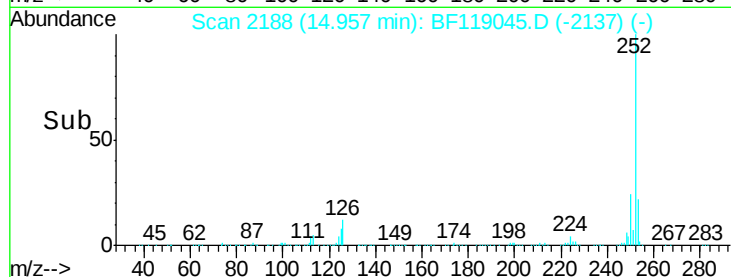
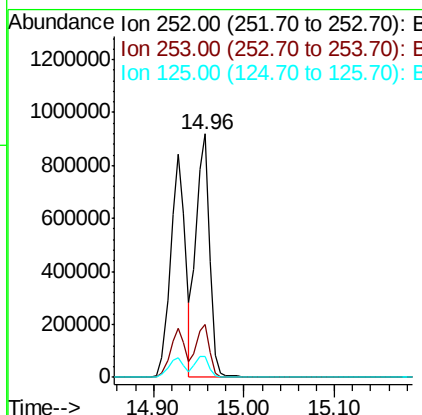
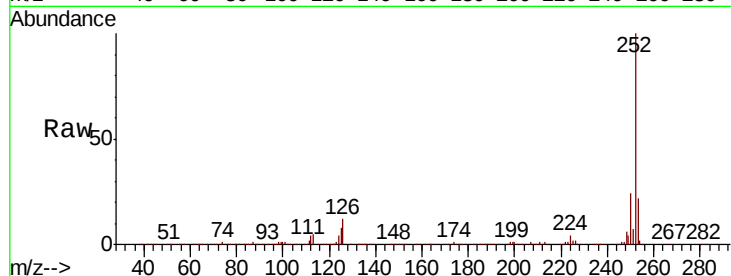




#89
Benzo(k)fluoranthene
Concen: 42.162 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

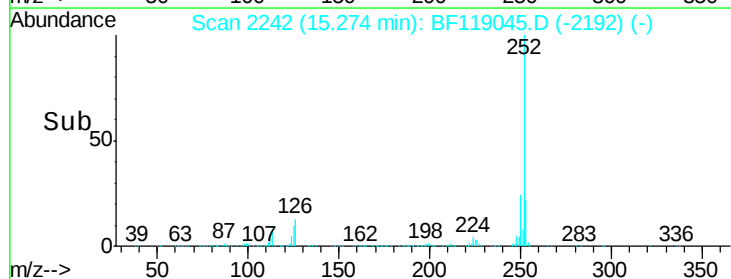
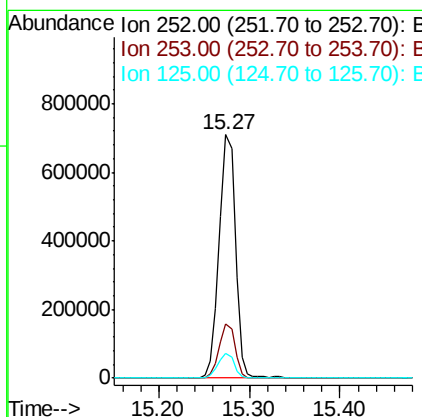
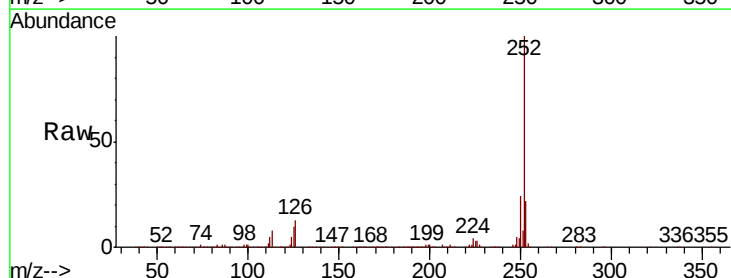
Instrument :
BNA_F
ClientSampleId :

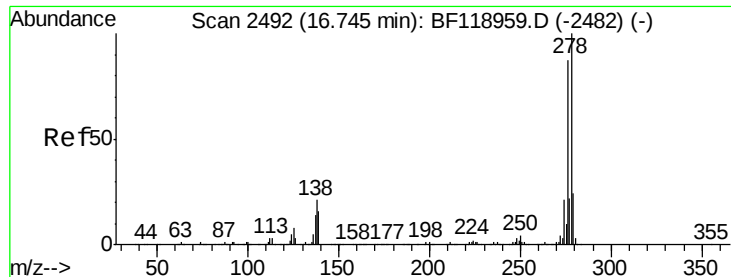
Tot Ion:252 Resp: 946951
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 8.5 7.3 10.9



#90
Benzo(a)pyrene
Concen: 40.434 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119045.D
Acq: 25 Feb 2020 2:52

Tgt Ion:252 Resp: 884425
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.4 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 50.214 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

Instrument :

BNA_F

ClientSampleId :

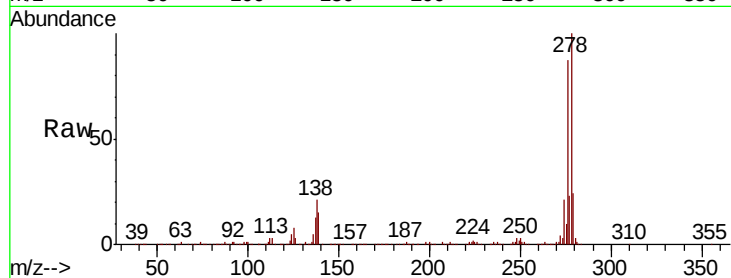
Tot Ion:278 Resp: 966433

Ion Ratio Lower Upper

278 100

139 14.6 12.6 18.8

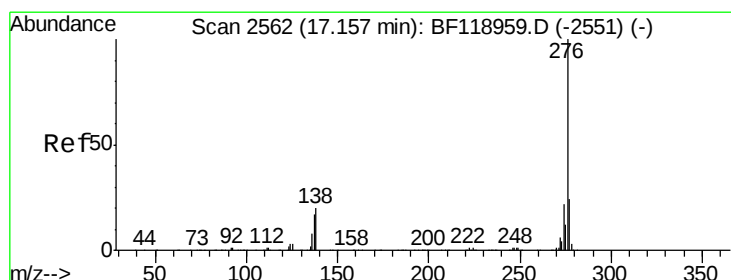
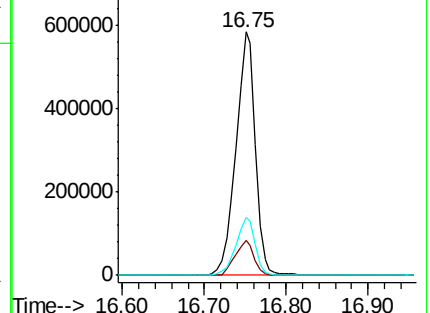
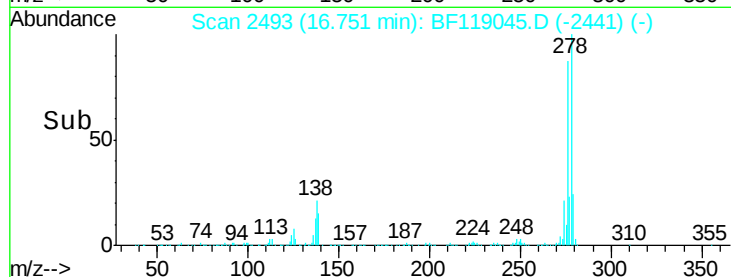
279 24.0 19.0 28.6



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: 53.089 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.01 min

Lab File: BF119045.D

Acq: 25 Feb 2020 2:52

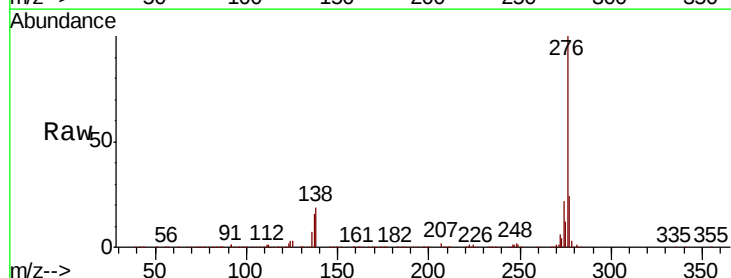
Tgt Ion:276 Resp: 1009552

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 19.1 16.2 24.4



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

