

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119265.D
 Acq On : 6 Mar 2020 22:38
 Operator : CG/JU
 Sample : L1761-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:51:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	107084	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	406376	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	228192	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	434258	20.00	ng	0.00
76) Chrysene-d12	13.89	240	333995	20.00	ng	0.00
87) Perylene-d12	15.31	264	324690	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	770396	120.23	ng	0.01
7) Phenol-d6	6.39	99	847485	108.75	ng	0.00
23) Nitrobenzene-d5	7.29	82	666278	86.57	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	378893	126.93	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1335209	86.20	ng	0.00
79) Terphenyl-d14	12.83	244	1856176	95.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	104327	36.568	ng	96
3) Pyridine	3.23	79	131896	16.928	ng	98
4) n-Nitrosodimethylamine	3.13	42	104776	44.392	ng	97
6) Aniline	6.40	93	86116	8.956	ng	# 1
8) 2-Chlorophenol	6.52	128	333122	48.173	ng	99
9) Benzaldehyde	6.28	77	253892	48.764	ng	98
10) Phenol	6.40	94	328580	38.998	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	308924	47.919	ng	97
12) 1,3-Dichlorobenzene	6.66	146	359495	43.374	ng	96
13) 1,4-Dichlorobenzene	6.74	146	365201	44.033	ng	100
14) 1,2-Dichlorobenzene	6.89	146	338991	44.816	ng	99
15) Benzyl Alcohol	6.88	79	279309	49.591	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	244217	43.731	ng	# 24
17) 2-Methylphenol	7.00	107	258821	46.165	ng	94
18) Hexachloroethane	7.23	117	128633	43.351	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	232628	51.229	ng	97
20) 3+4-Methylphenols	7.16	107	342792	49.906	ng	# 85
22) Acetophenone	7.14	105	459588	48.879	ng	# 94
24) Nitrobenzene	7.31	77	348820	45.831	ng	96
25) Isophorone	7.55	82	631142	47.218	ng	99
26) 2-Nitrophenol	7.63	139	184576	45.770	ng	99
27) 2,4-Dimethylphenol	7.67	122	269947	49.322	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	381587	43.859	ng	99
29) 2,4-Dichlorophenol	7.88	162	292466	45.392	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	321242	42.051	ng	99
31) Naphthalene	8.03	128	1063290	50.452	ng	99
32) Benzoic acid	7.84	122	130146	34.734	ng	97
33) 4-Chloroaniline	8.09	127	56984	6.286	ng	98
34) Hexachlorobutadiene	8.15	225	195060	40.992	ng	99
35) Caprolactam	8.46	113	39651	19.986	ng	91
36) 4-Chloro-3-methylphenol	8.59	107	310981	47.691	ng	99
37) 2-Methylnaphthalene	8.72	142	693987	48.931	ng	98
38) 1-Methylnaphthalene	8.82	142	654250	49.050	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	333326	43.325	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119265.D
 Acq On : 6 Mar 2020 22:38
 Operator : CG/JU
 Sample : L1761-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:51:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	120503	47.371	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	208137	42.840	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	216704	42.505	nq	98
46) 1,1'-Biphenyl	9.18	154	817509	44.327	nq	98
47) 2-Chloronaphthalene	9.21	162	649415	43.696	nq	98
48) 2-Nitroaniline	9.31	65	188737	45.531	nq	94
49) Acenaphthylene	9.62	152	994821	46.346	nq	99
50) Dimethylphthalate	9.49	163	833669	47.777	nq	99
51) 2,6-Dinitrotoluene	9.56	165	179349	46.263	nq	100
52) Acenaphthene	9.79	154	600486	46.394	nq	99
53) 3-Nitroaniline	9.73	138	42644	9.922	nq	88
54) 2,4-Dinitrophenol	9.85	184	106576	58.753	nq	93
55) Dibenzofuran	9.96	168	892090	46.177	nq	100
56) 4-Nitrophenol	9.92	139	137024	53.064	nq	# 83
57) 2,4-Dinitrotoluene	9.97	165	231827	46.135	nq	97
58) Fluorene	10.31	166	740378	49.320	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	195653	45.480	nq	98
60) Diethylphthalate	10.19	149	786493	47.829	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	374582	47.141	nq	97
62) 4-Nitroaniline	10.35	138	146131	33.233	nq	98
63) Azobenzene	10.46	77	702900	49.177	nq	96
65) 4,6-Dinitro-2-methylphenol	10.38	198	110222	41.945	nq	97
66) n-Nitrosodiphenylamine	10.42	169	662246	46.574	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	247983	43.687	nq	95
68) Hexachlorobenzene	10.86	284	287923	43.995	nq	99
69) Atrazine	10.95	200	228684	46.031	nq	98
70) Pentachlorophenol	11.06	266	188208	71.392	nq	98
71) Phenanthrene	11.27	178	1133951	47.882	nq	99
72) Anthracene	11.32	178	1164936	49.231	nq	99
73) Carbazole	11.48	167	1024703	48.609	nq	98
74) Di-n-butylphthalate	11.80	149	1248693	48.914	nq	98
75) Fluoranthene	12.46	202	1225749	48.761	nq	98
77) Benzidine	12.58	184	117727	8.667	nq	97
78) Pyrene	12.69	202	1233195	45.981	nq	99
80) Butylbenzylphthalate	13.30	149	538997	47.752	nq	97
81) Benzo(a)anthracene	13.87	228	1088662	47.838	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	135183	15.298	nq	99
83) Chrysene	13.91	228	1051599	46.376	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	756801	53.071	nq	100
85) Di-n-octyl phthalate	14.46	149	1218576	53.633	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1029054	46.868	nq	100
88) Benzo(b)fluoranthene	14.90	252	971003	45.370	nq	99
89) Benzo(k)fluoranthene	14.93	252	996968	50.267	nq	99
90) Benzo(a)pyrene	15.25	252	868951	44.987	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	861051	50.663	nq	100
92) Benzo(g,h,i)perylene	17.13	276	874162	52.057	nq	99

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

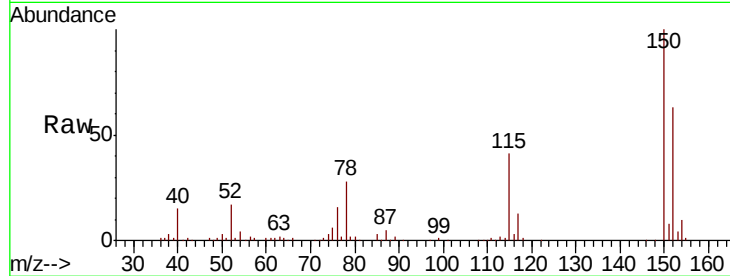


#1

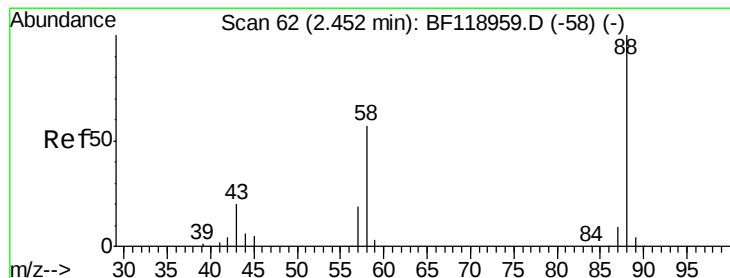
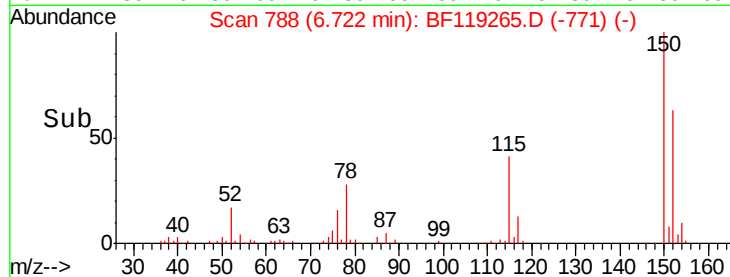
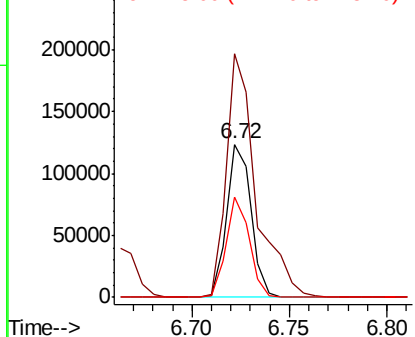
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107084
Ion Ratio Lower Upper
152 100
150 158.9 123.0 184.6
115 65.5 49.5 74.3



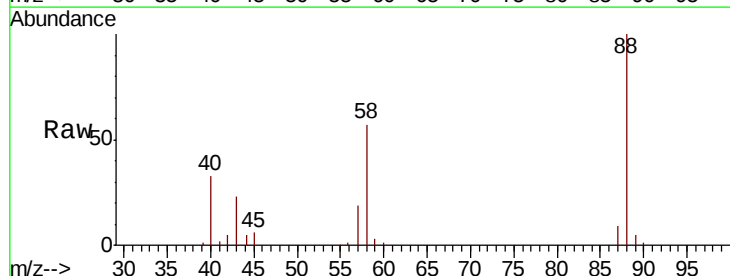
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



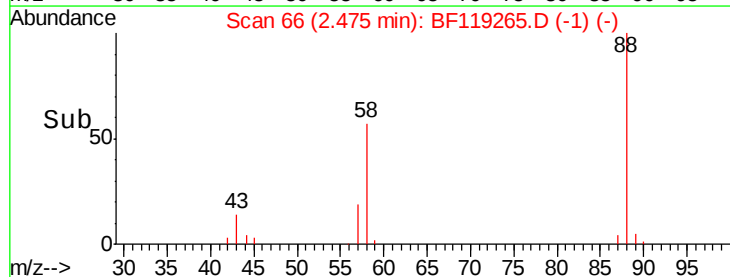
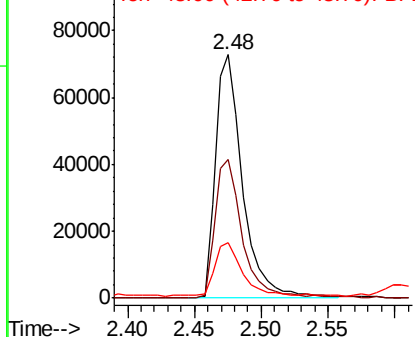
#2

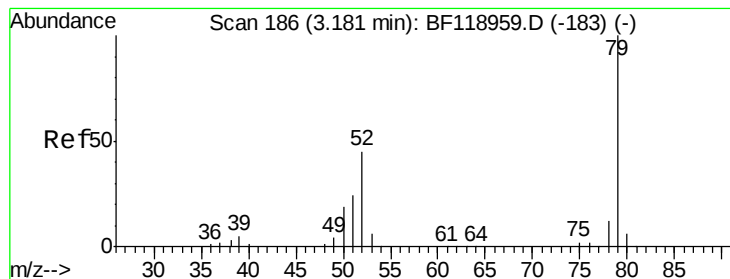
1,4-Dioxane
Concen: 36.568 ng
RT: 2.48 min Scan# 66
Delta R.T. 0.09 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion: 88 Resp: 104327
Ion Ratio Lower Upper
88 100
58 57.7 43.8 65.6
43 21.8 16.2 24.4



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





#3

Pvridine

Concen: 16.928 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.12 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampled :

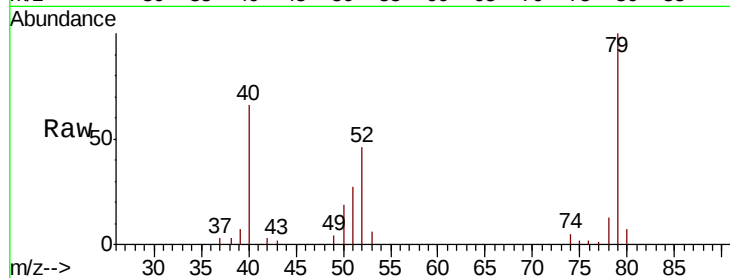
Tot Ion: 79 Resp: 131896

Ion Ratio Lower Upper

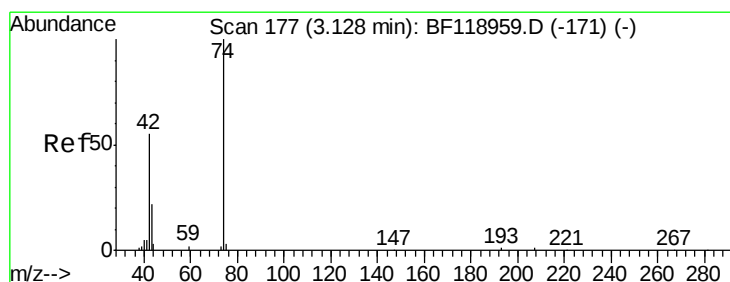
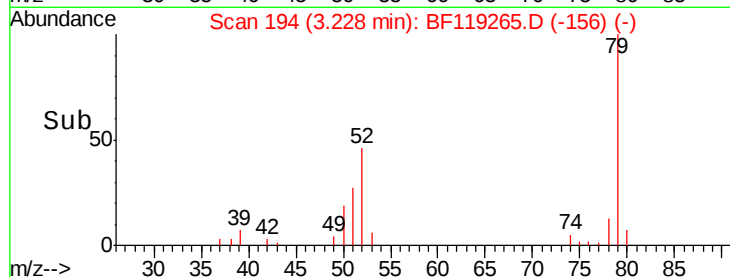
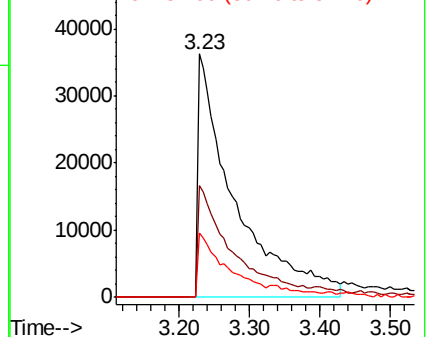
79 100

52 46.0 37.4 56.0

51 26.7 19.8 29.6



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



#4

n-Nitrosodimethylamine

Concen: 44.392 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.07 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

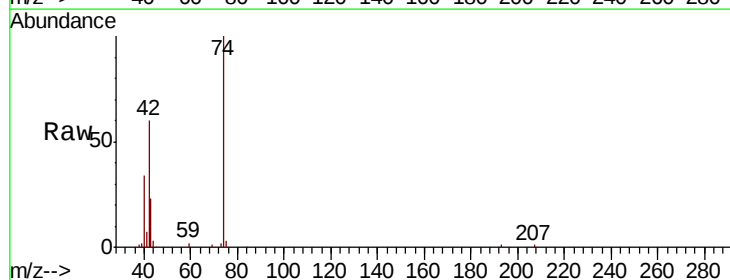
Tgt Ion: 42 Resp: 104776

Ion Ratio Lower Upper

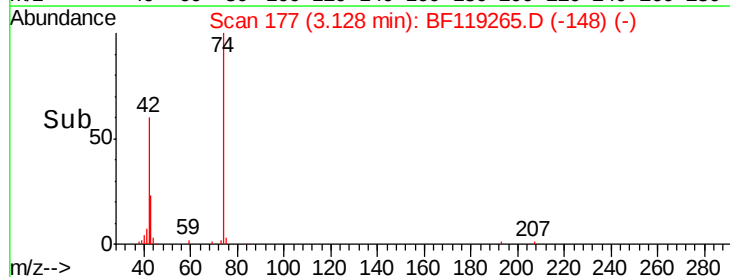
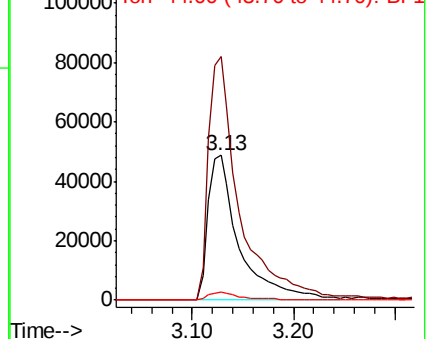
42 100

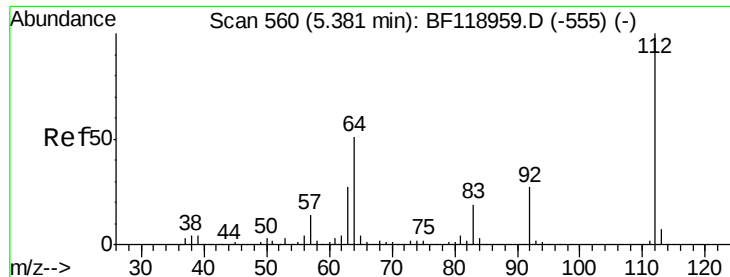
74 167.9 137.7 206.5

44 5.2 4.5 6.7



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





#5

2-Fluorophenol

Concen: 120.230 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampled :

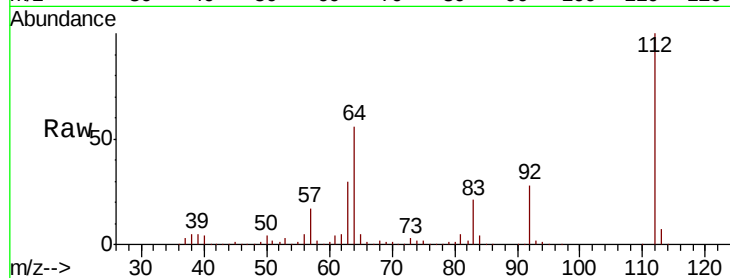
Tot Ion:112 Resp: 770396

Ion Ratio Lower Upper

112 100

64 56.0 45.0 67.4

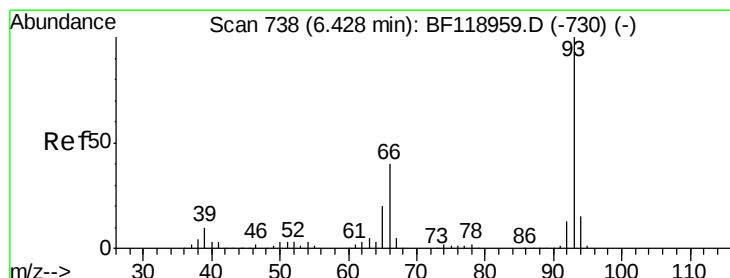
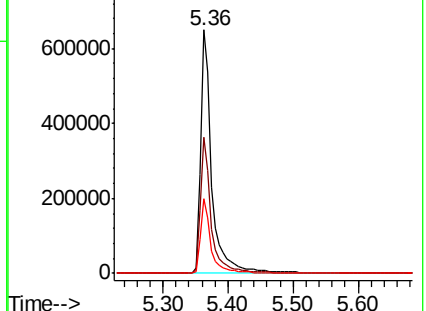
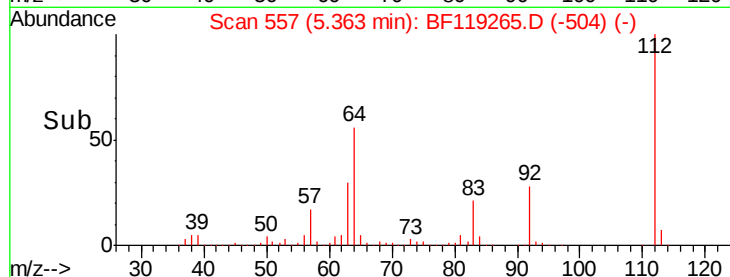
63 30.4 24.2 36.4



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: 8.956 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

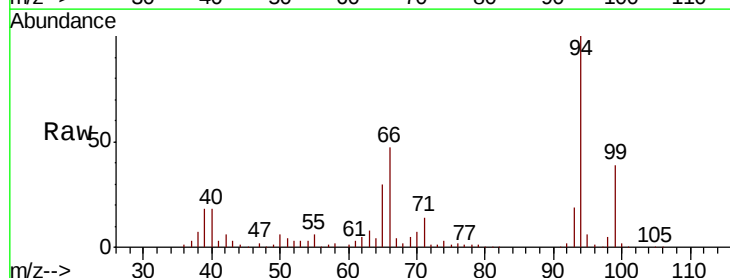
Tgt Ion: 93 Resp: 86116

Ion Ratio Lower Upper

93 100

66 246.0 74.5 111.7#

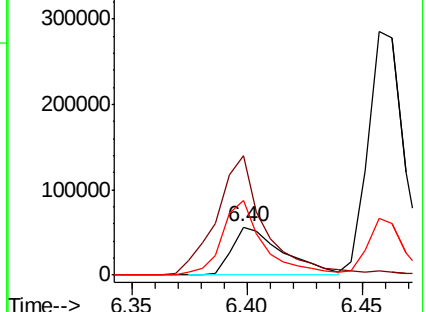
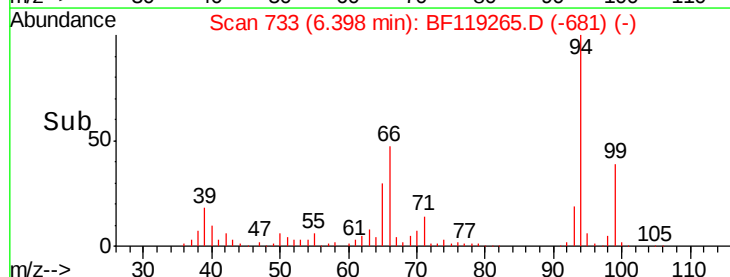
65 154.3 45.3 67.9#



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: 108.750 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

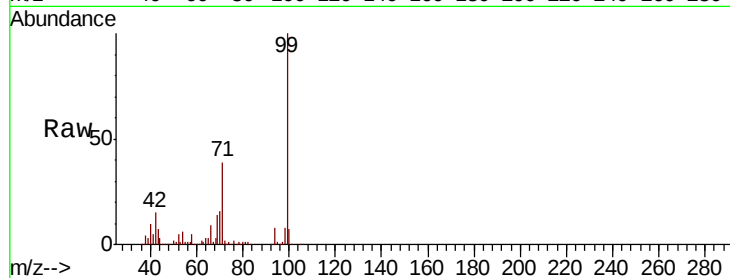
Tot Ion: 99 Resp: 847485

Ion Ratio Lower Upper

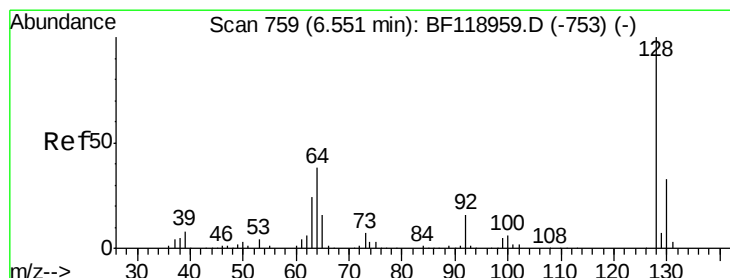
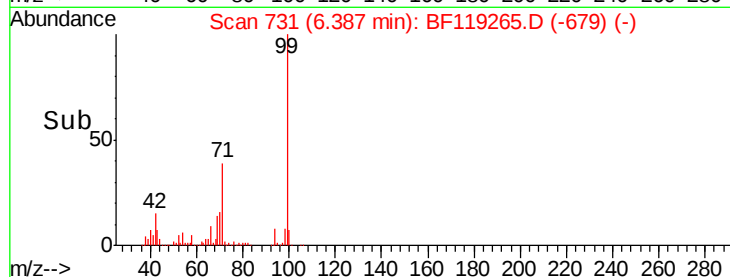
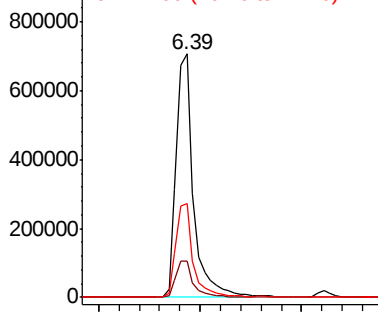
99 100

42 14.9 12.6 18.8

71 38.6 31.0 46.4



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: 48.173 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

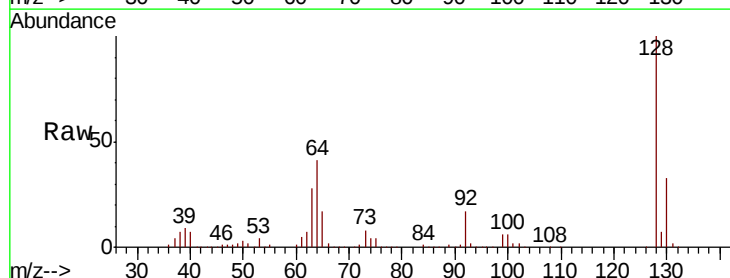
Tgt Ion: 128 Resp: 333122

Ion Ratio Lower Upper

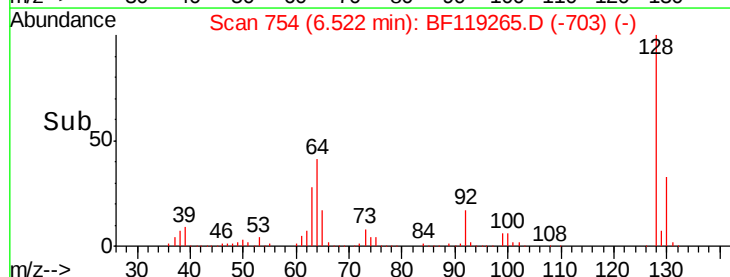
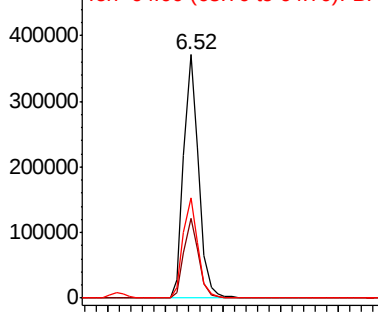
128 100

130 32.8 12.7 52.7

64 41.2 22.3 62.3



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





#9

Benzaldehyde

Concen: 48.764 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampled :

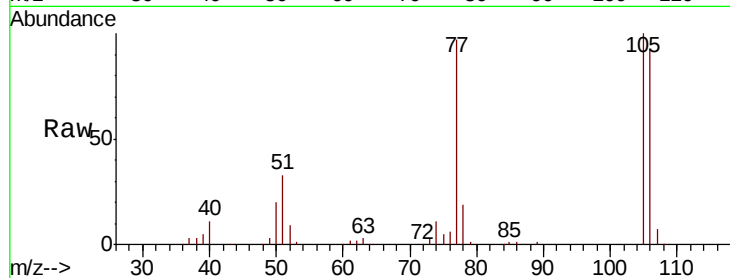
Tot Ion: 77 Resp: 253892

Ion Ratio Lower Upper

77 100

105 103.4 80.1 120.1

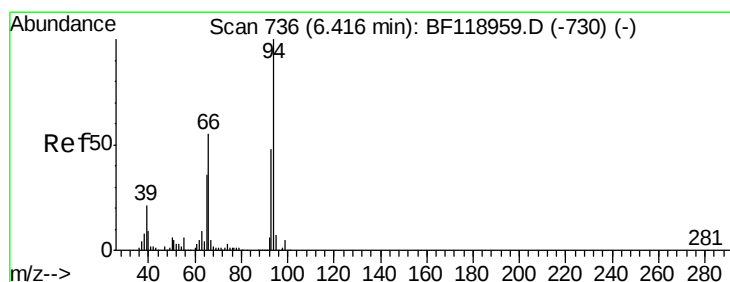
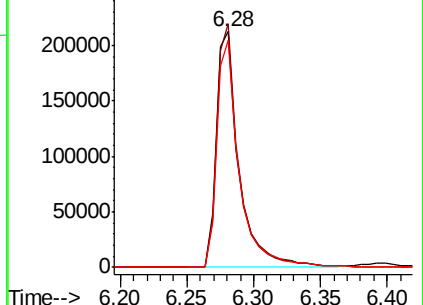
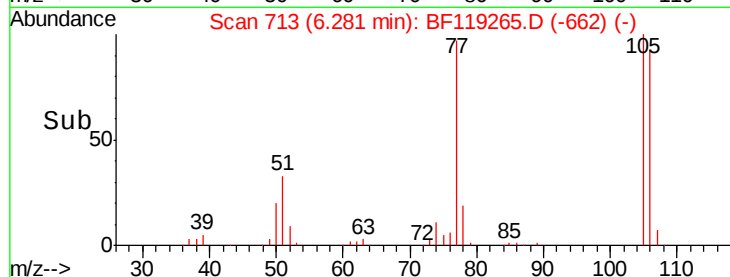
106 96.6 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.998 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

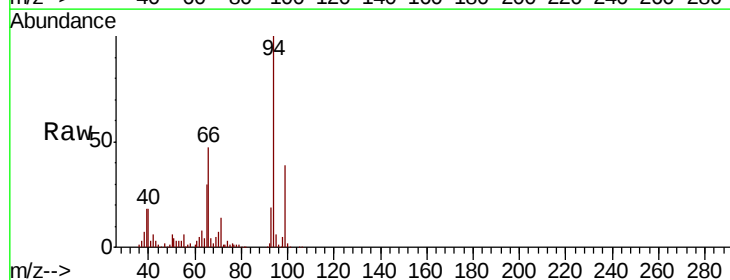
Tgt Ion: 94 Resp: 328580

Ion Ratio Lower Upper

94 100

65 29.5 19.2 59.2

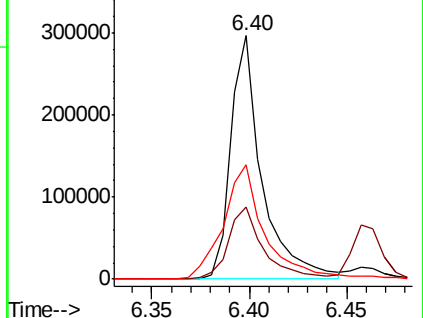
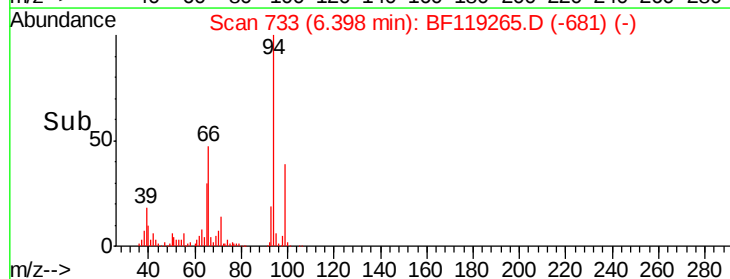
66 47.0 44.4 84.4

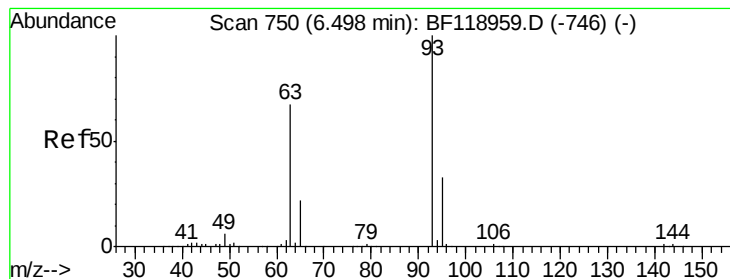


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 47.919 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

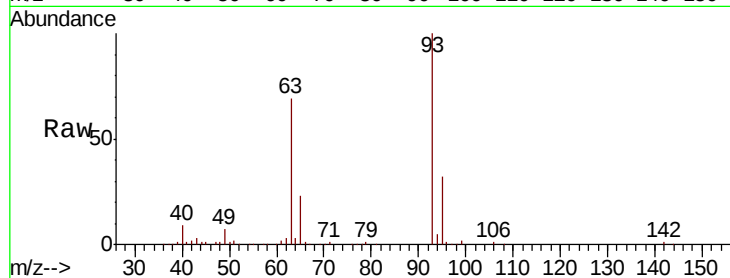
Tot Ion: 93 Resp: 308924

Ion Ratio Lower Upper

93 100

63 68.6 45.4 85.4

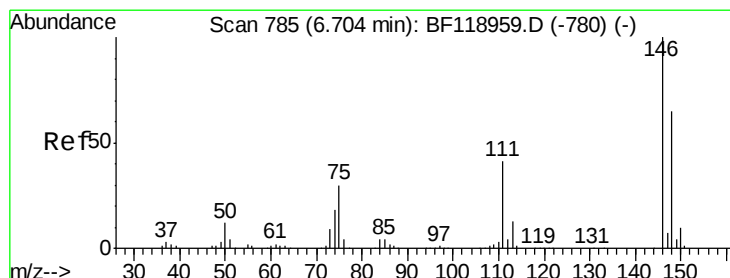
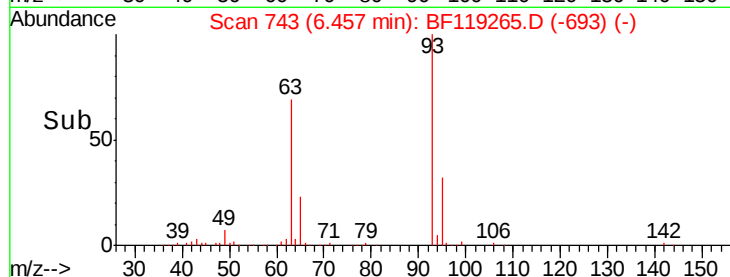
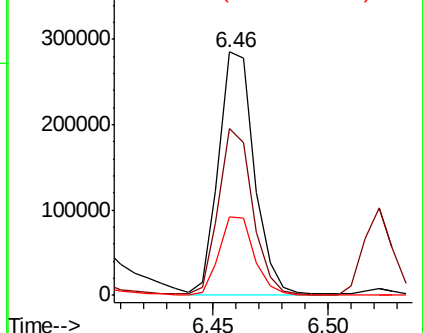
95 32.4 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.374 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

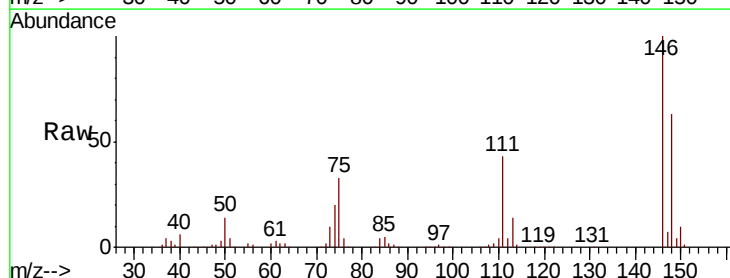
Tgt Ion: 146 Resp: 359495

Ion Ratio Lower Upper

146 100

148 63.4 52.5 78.7

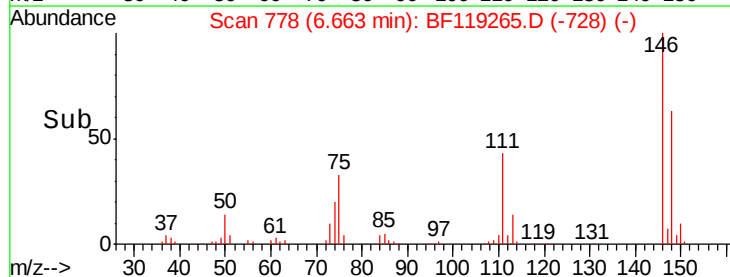
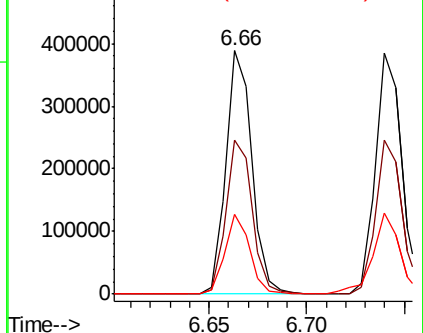
75 32.7 23.6 35.4

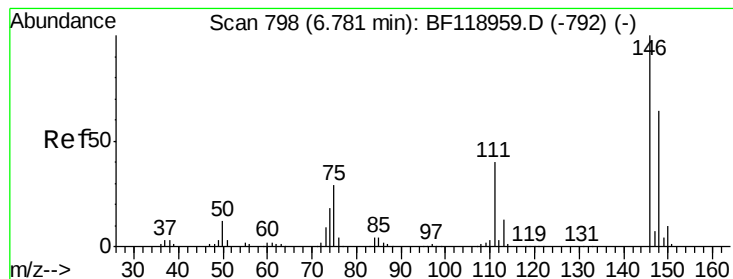


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 44.033 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampled :

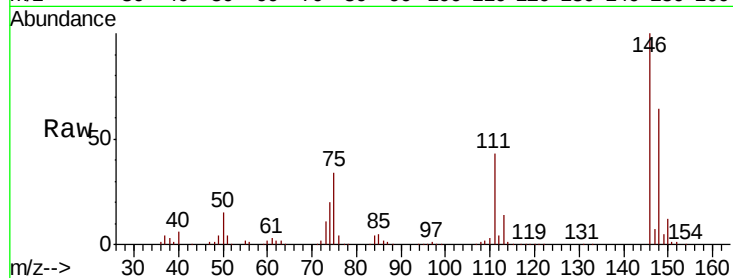
Tot Ion:146 Resp: 365201

Ion Ratio Lower Upper

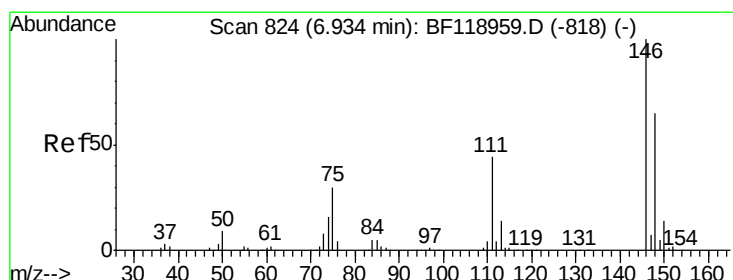
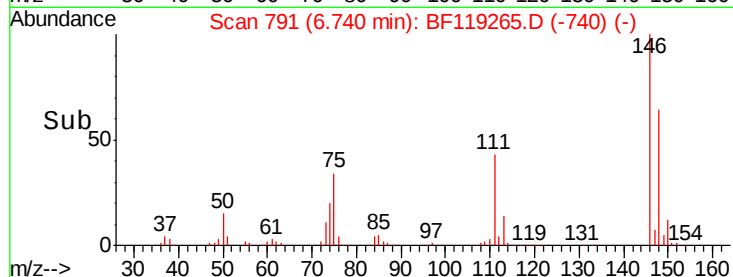
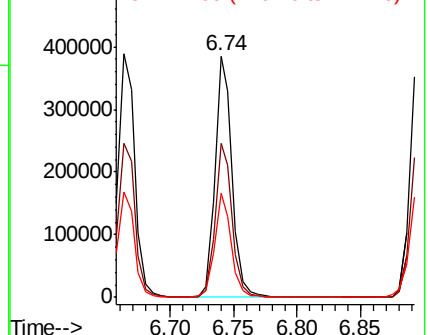
146 100

148 63.8 51.1 76.7

111 43.1 34.8 52.2



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: 44.816 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

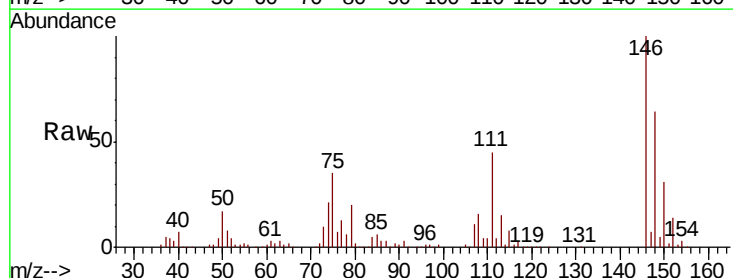
Tgt Ion:146 Resp: 338991

Ion Ratio Lower Upper

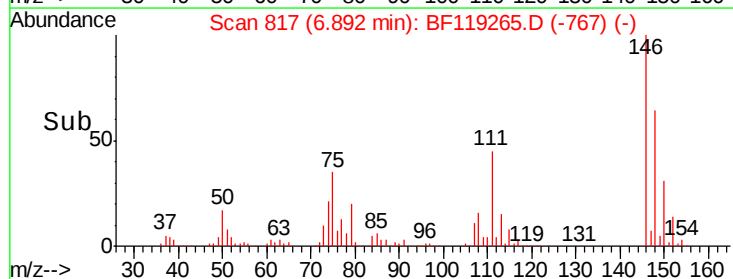
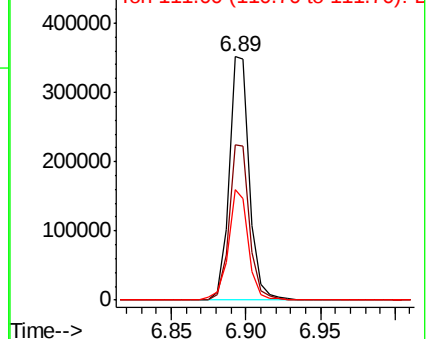
146 100

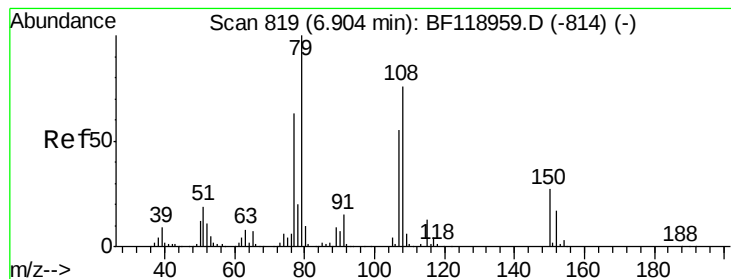
148 63.7 51.9 77.9

111 45.4 36.2 54.2



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: 49.591 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampled :

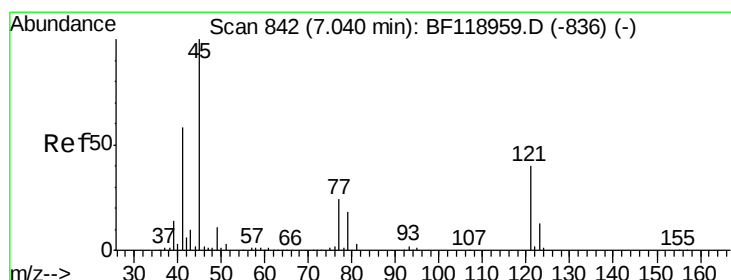
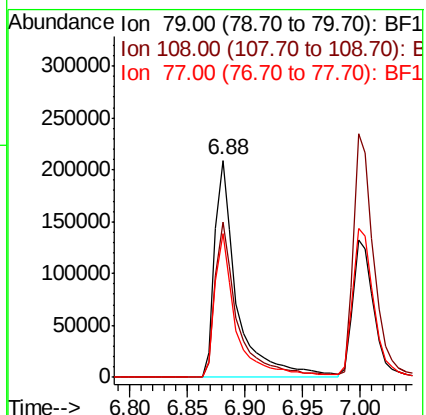
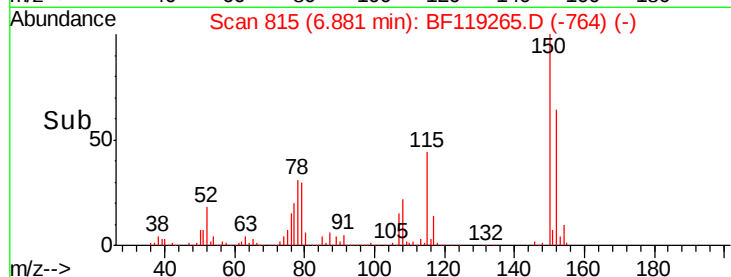
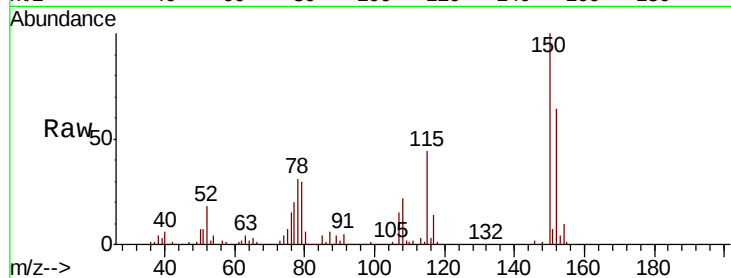
Tot Ion: 79 Resp: 279309

Ion Ratio Lower Upper

79 100

108 71.7 58.2 87.2

77 66.3 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.731 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

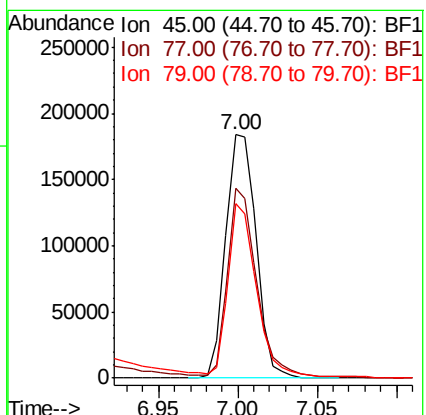
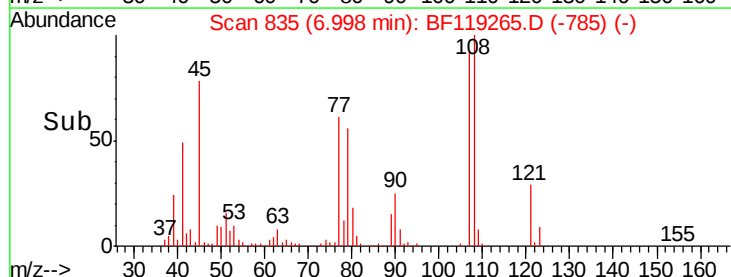
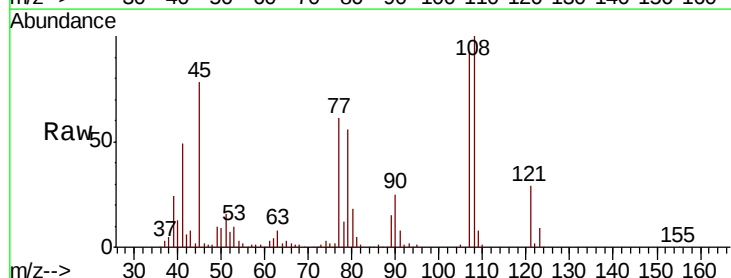
Tgt Ion: 45 Resp: 244217

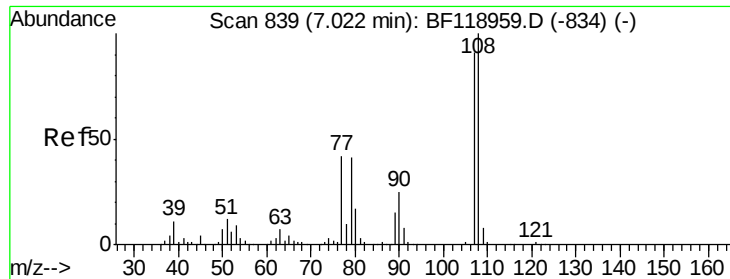
Ion Ratio Lower Upper

45 100

77 77.8 15.0 55.0#

79 71.7 9.4 49.4#

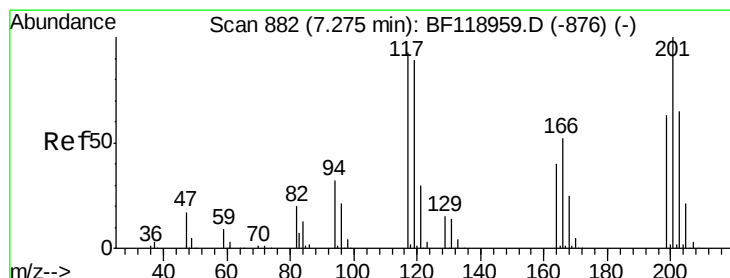
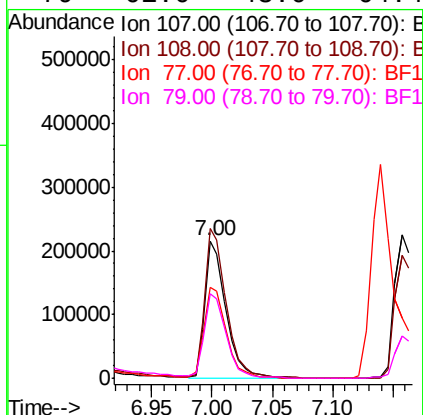
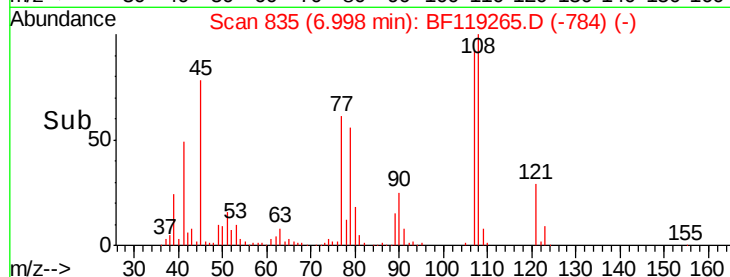
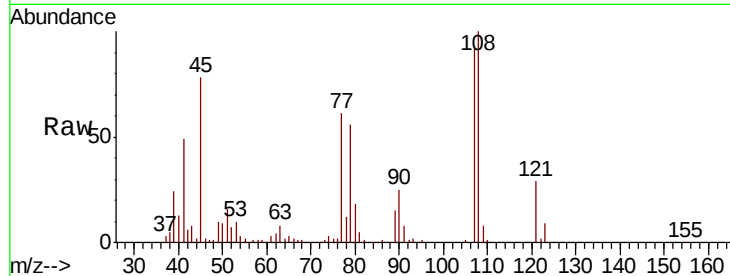




#17
2-Methylphenol
Concen: 46.165 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

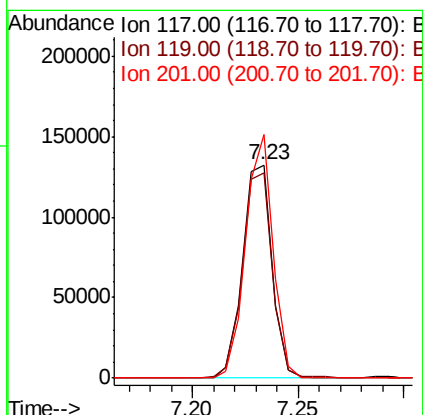
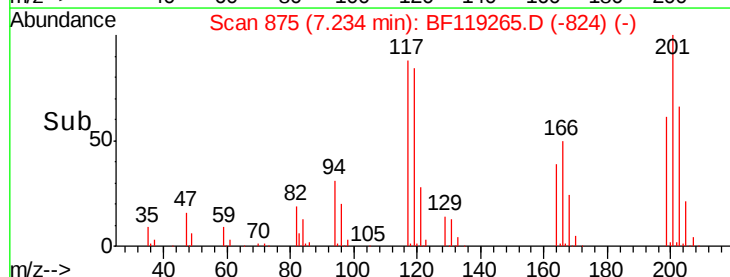
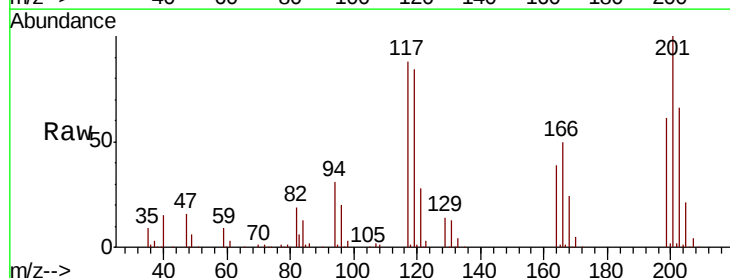
Instrument :
BNA_F
ClientSampleId :

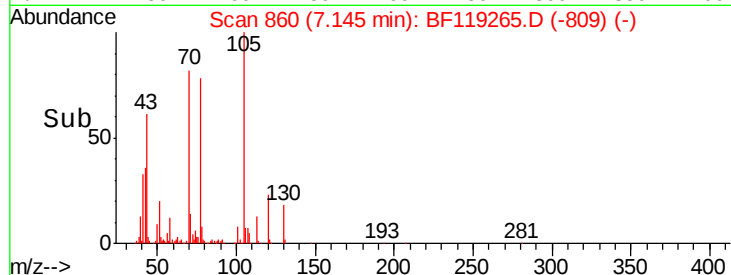
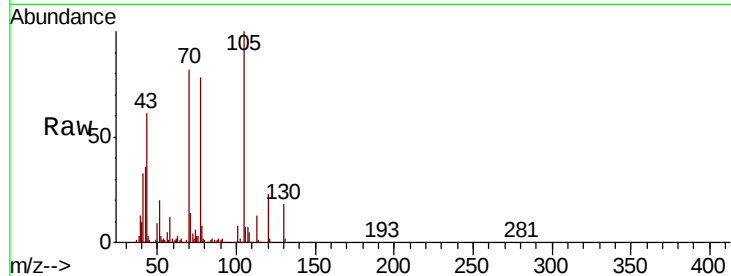
Tot Ion:107 Resp: 258821
Ion Ratio Lower Upper
107 100
108 108.6 87.9 131.9
77 66.3 45.3 67.9
79 61.0 43.0 64.4



#18
Hexachloroethane
Concen: 43.351 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion:117 Resp: 128633
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3
201 114.1 82.6 123.8

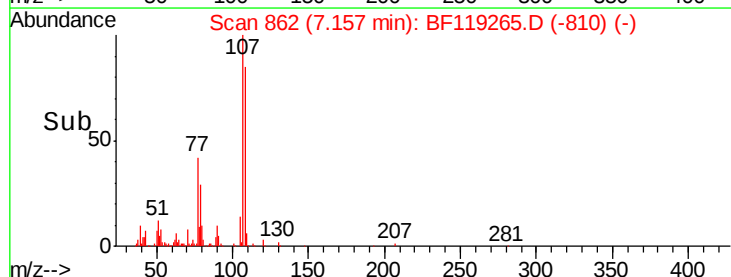
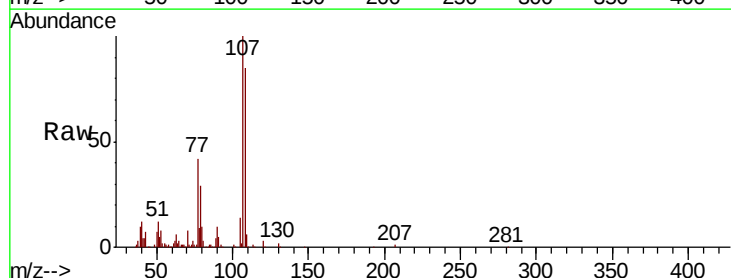
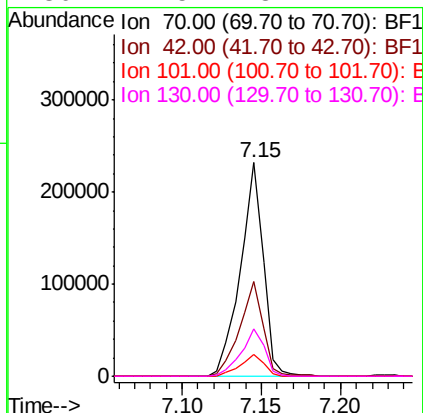




#19
n-Nitroso-di-n-propylamine
Concen: 51.229 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

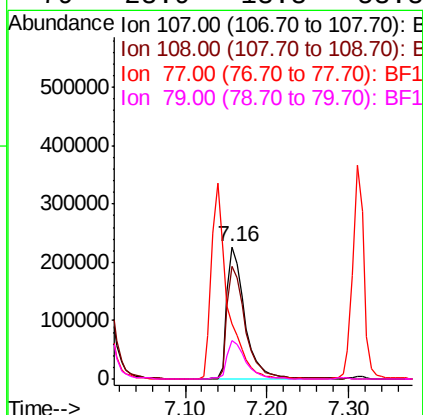
Instrument :
BNA_F
ClientSampleId :

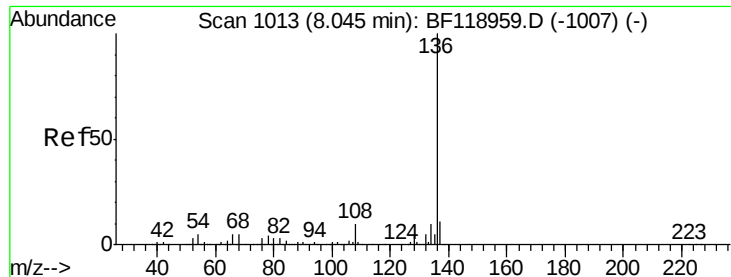
Tot Ion:	70	Resp:	232628
Ion	Ratio	Lower	Upper
70	100		
42	44.1	38.0	57.0
101	10.3	8.2	12.4
130	22.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 49.906 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion:	107	Resp:	342792
Ion	Ratio	Lower	Upper
107	100		
108	85.3	71.5	111.5
77	41.8	45.9	85.9#
79	28.9	13.8	53.8

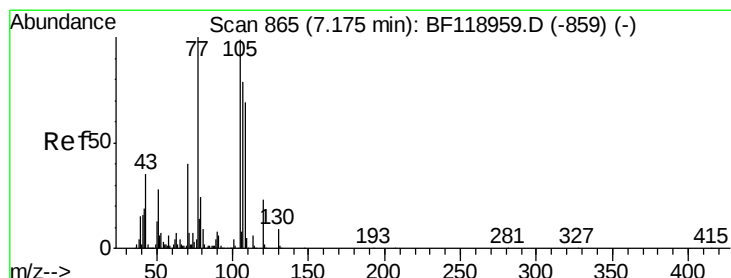
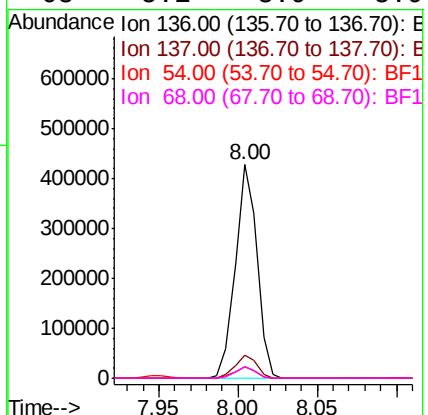
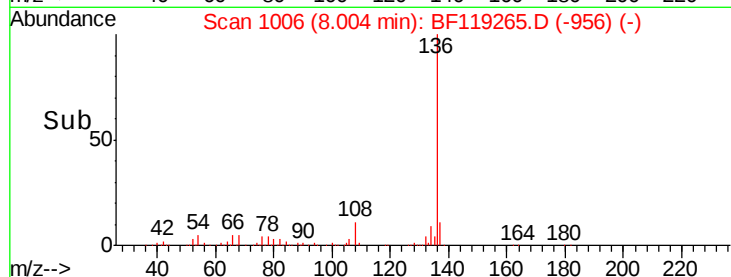
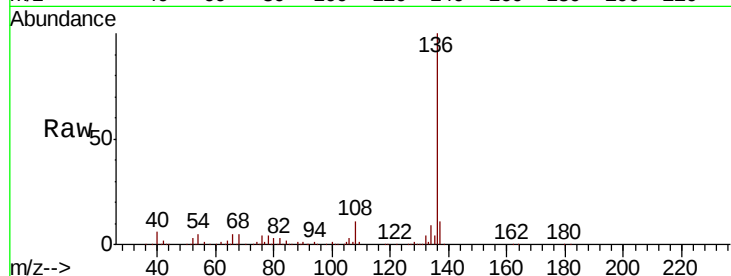




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

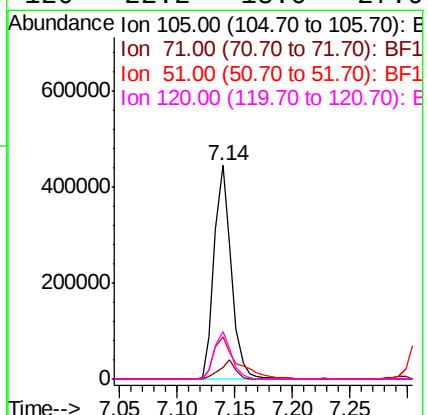
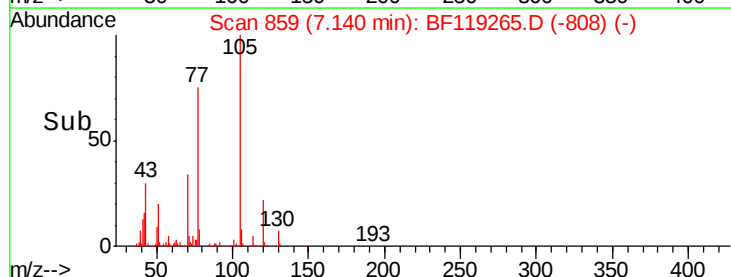
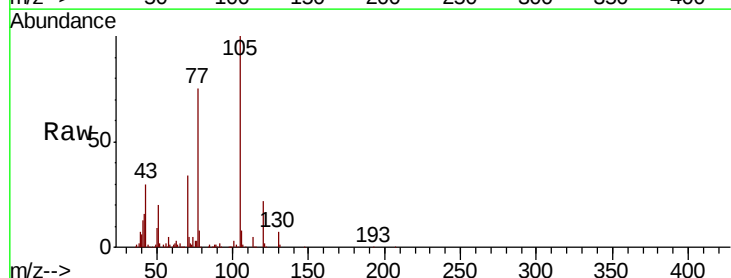
Instrument :
BNA_F
ClientSampleId :

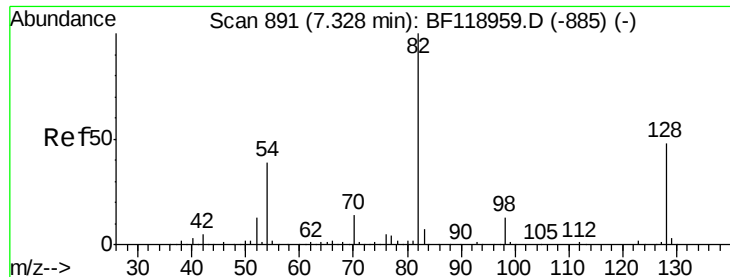
Tot Ion:136	Resp:	406376
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	5.3	3.8 5.6
68	5.1	3.9 5.9



#22
Acetophenone
Concen: 48.879 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion:105	Resp:	459588
Ion Ratio	Lower	Upper
105	100	
71	5.3	3.0 4.4#
51	20.1	20.1 30.1
120	22.2	18.0 27.0

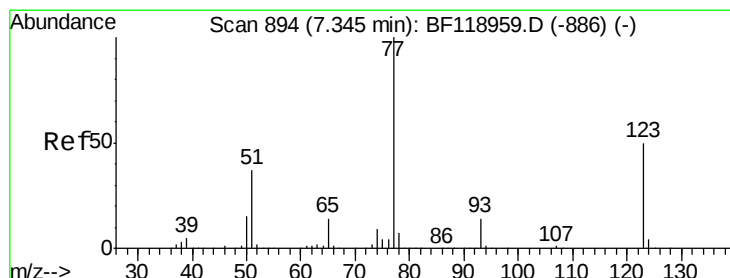
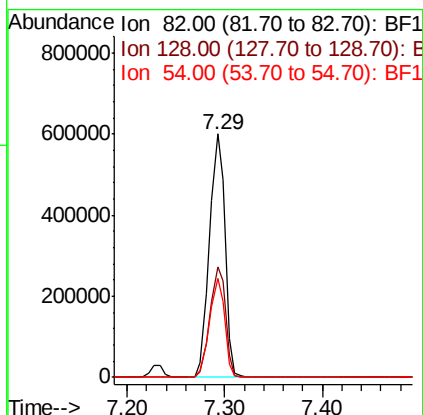
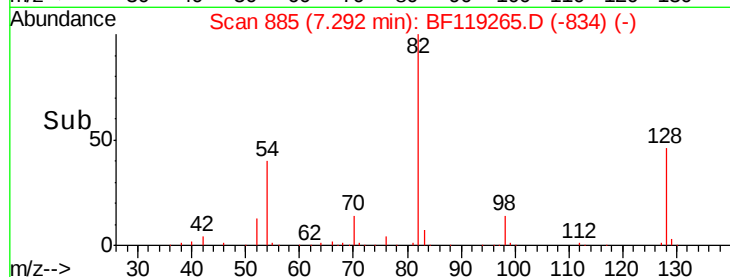
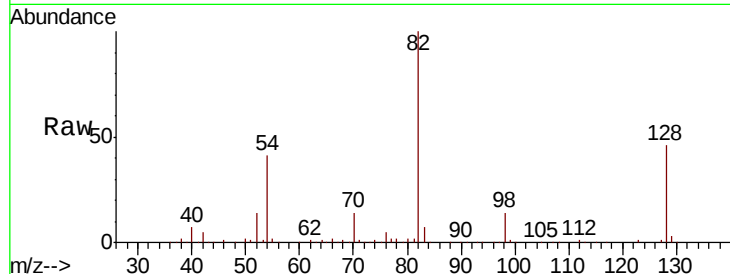




#23
Nitrobenzene-d5
Concen: 86.569 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

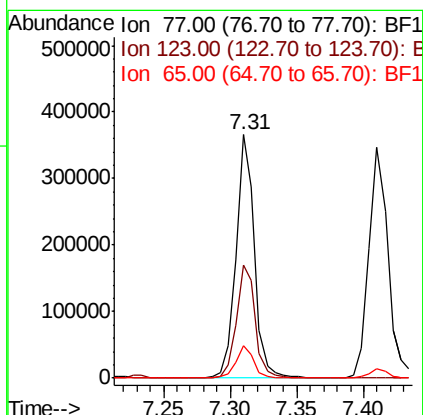
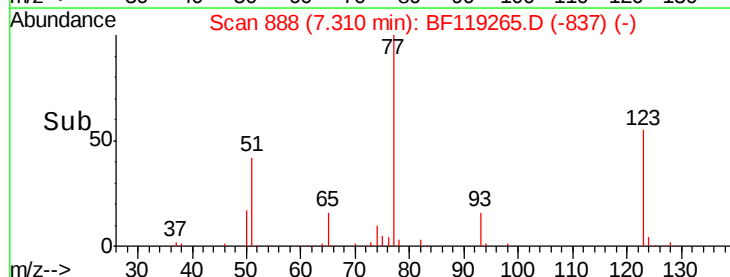
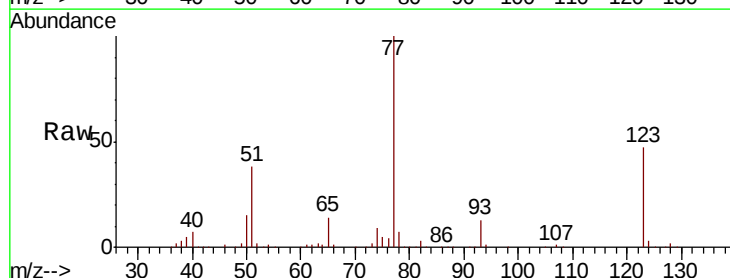
Instrument :
BNA_F
ClientSampled :

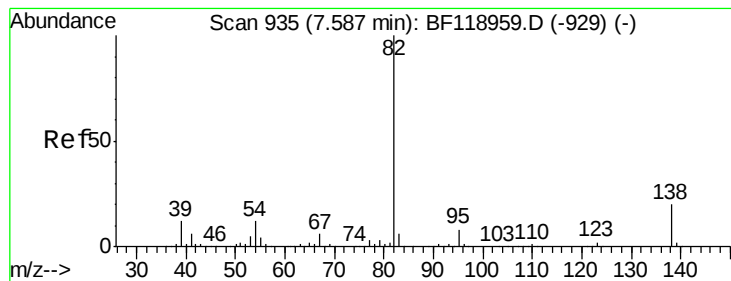
Tot Ion: 82 Resp: 666278
Ion Ratio Lower Upper
82 100
128 45.6 37.9 56.9
54 40.8 33.4 50.2



#24
Nitrobenzene
Concen: 45.831 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion: 77 Resp: 348820
Ion Ratio Lower Upper
77 100
123 46.6 40.2 60.2
65 13.6 10.8 16.2





#25

Isophorone

Concen: 47.218 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

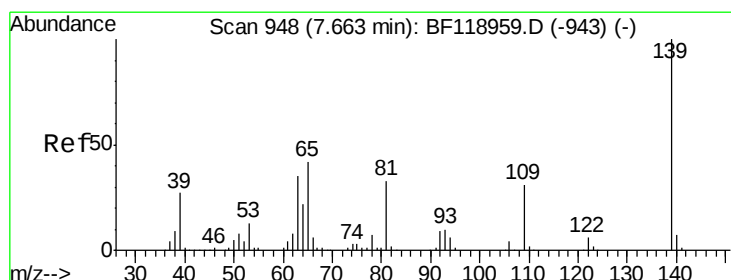
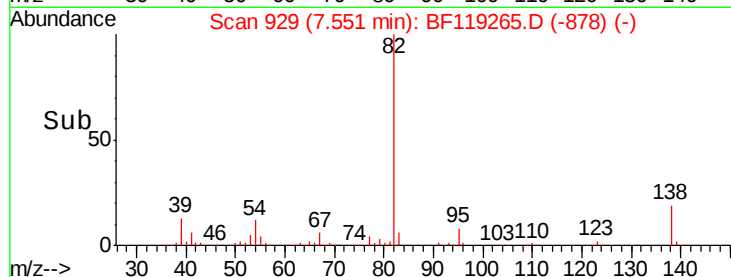
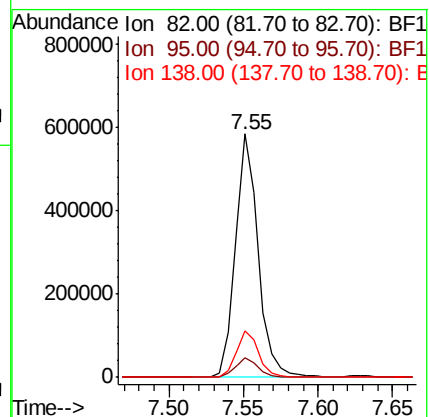
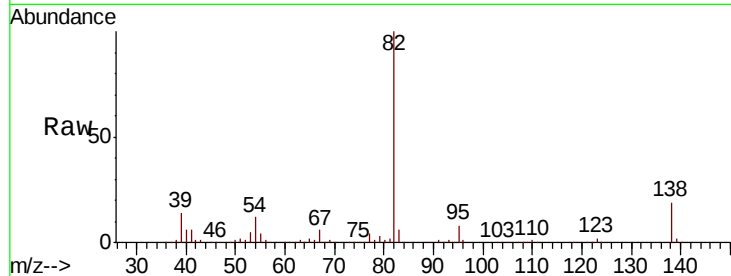
Tot Ion: 82 Resp: 631142

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 18.9 15.7 23.5



#26

2-Nitrophenol

Concen: 45.770 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

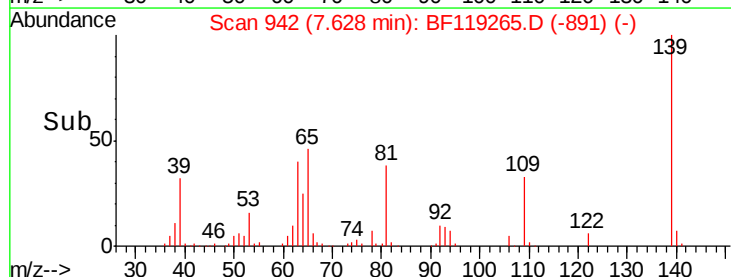
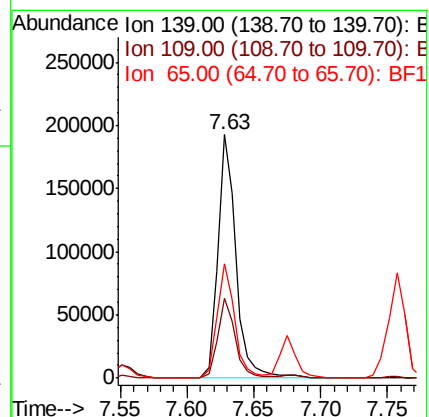
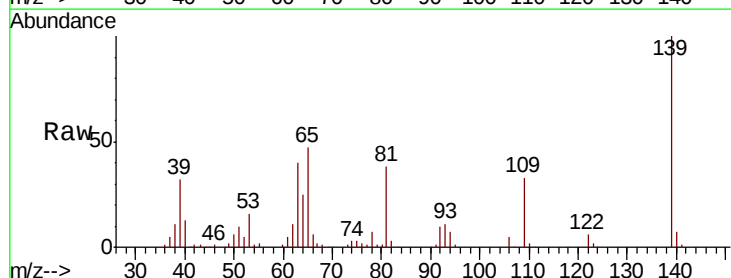
Tgt Ion: 139 Resp: 184576

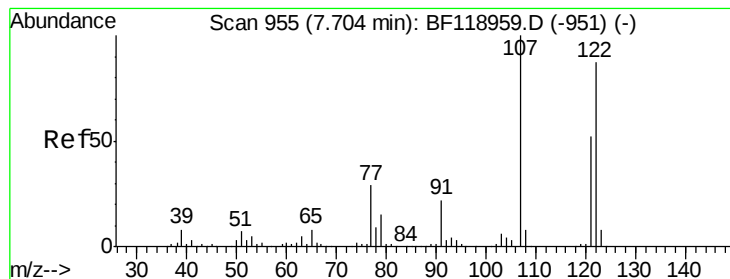
Ion Ratio Lower Upper

139 100

109 32.7 25.7 38.5

65 47.1 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 49.322 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

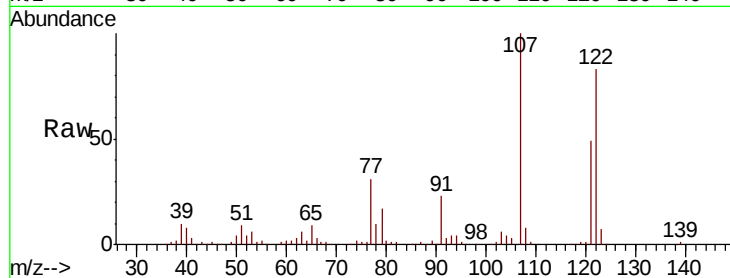
Tot Ion:122 Resp: 269947

Ion Ratio Lower Upper

122 100

107 121.0 93.8 140.6

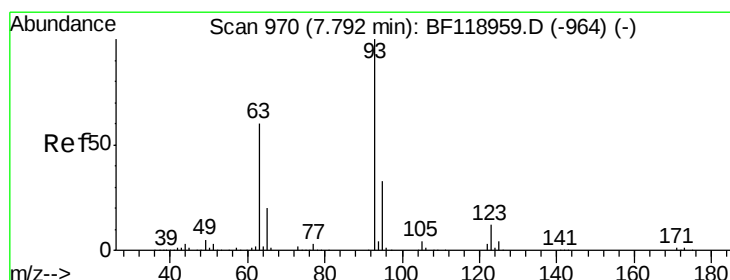
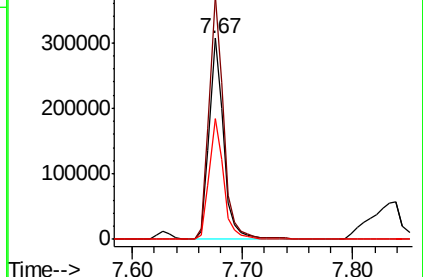
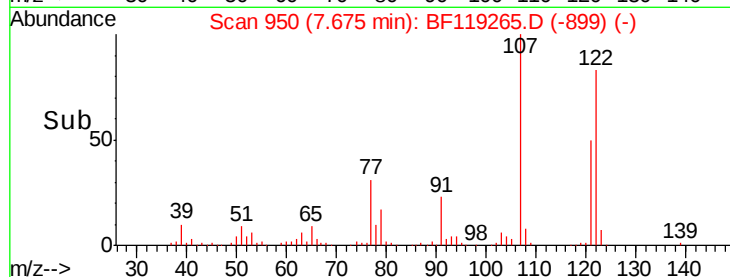
121 59.9 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.859 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

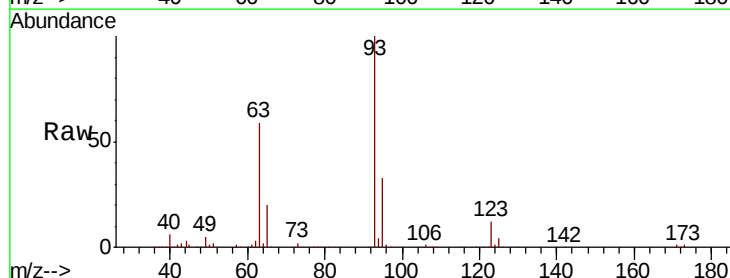
Tgt Ion: 93 Resp: 381587

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

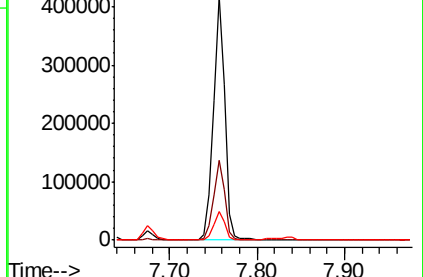
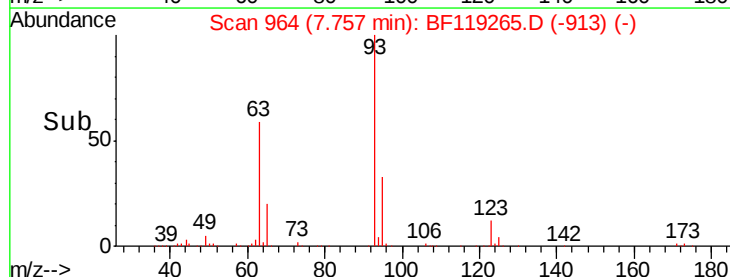
123 11.8 10.2 15.2

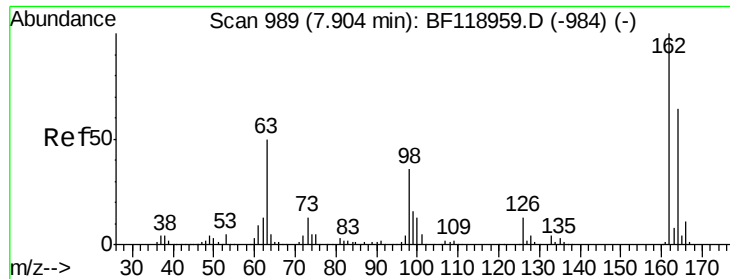


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

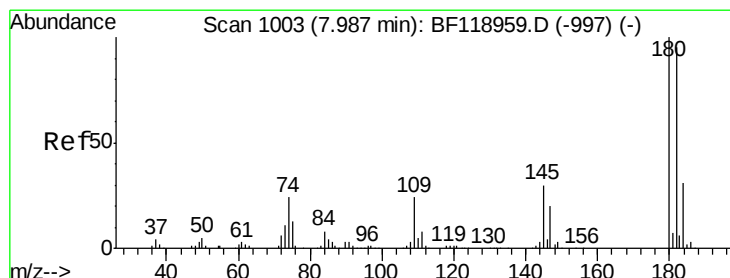
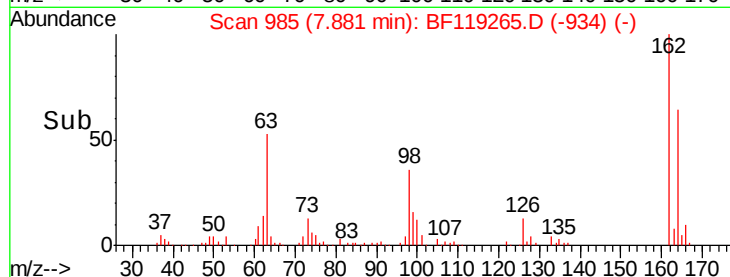
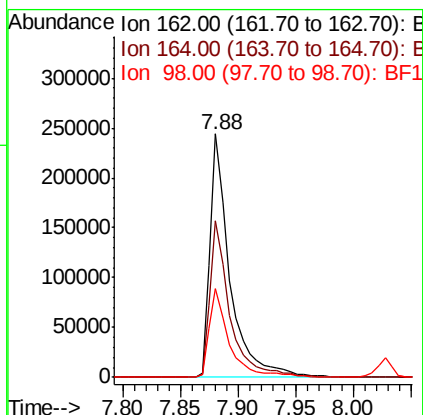
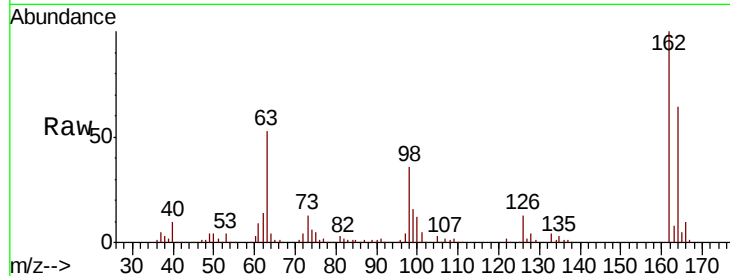




#29
 2,4-Dichlorophenol
 Concen: 45.392 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

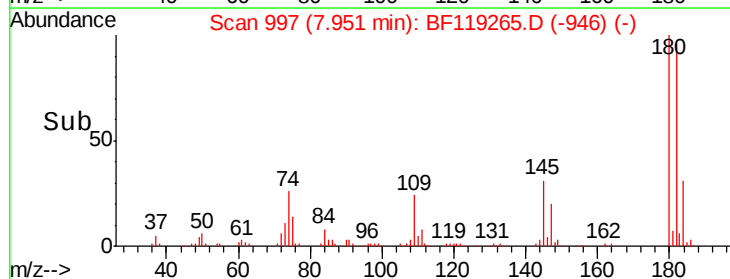
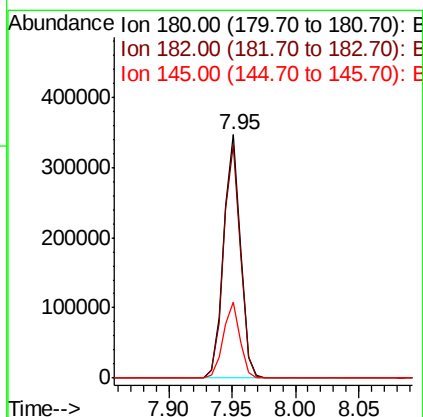
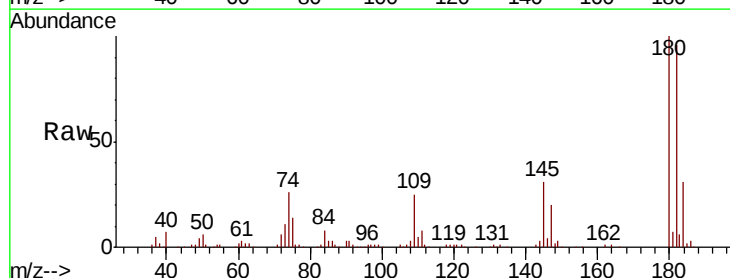
Instrument :
 BNA_F
 ClientSampleId :

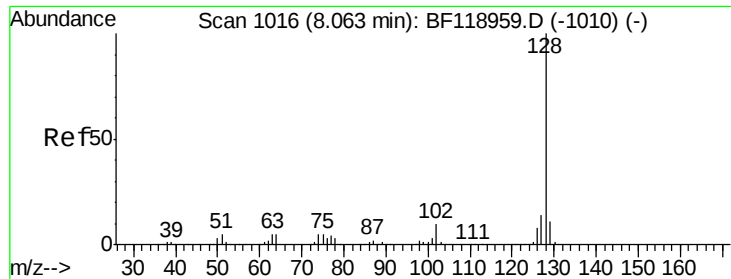
Tot Ion:162 Resp: 292466
 Ion Ratio Lower Upper
 162 100
 164 64.4 45.2 85.2
 98 36.3 17.4 57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 42.051 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion:180 Resp: 321242
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.8 116.6
 145 31.3 25.2 37.8

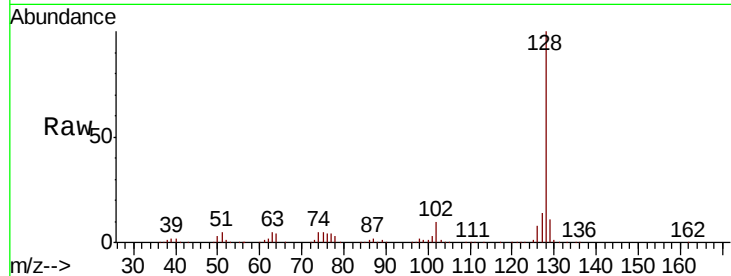




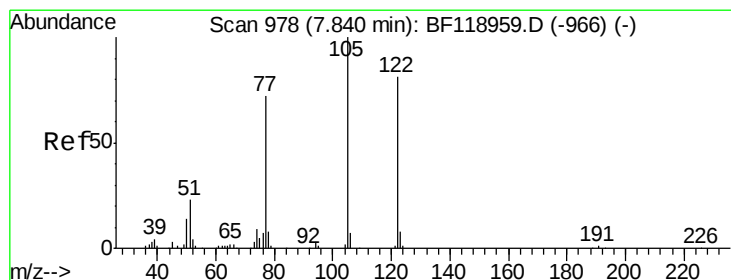
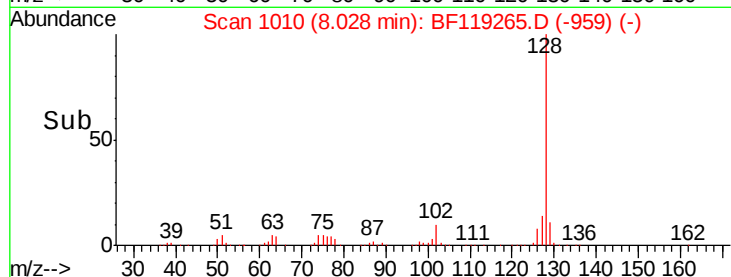
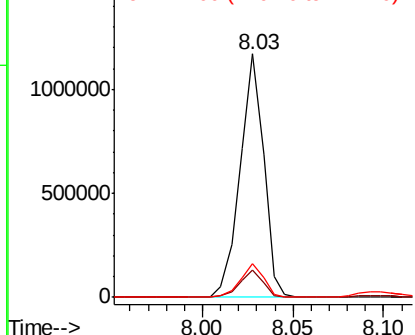
#31
Naphthalene
Concen: 50.452 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1063290
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.7 11.4 17.2

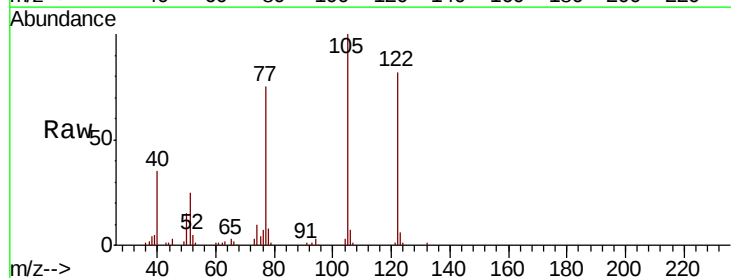


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

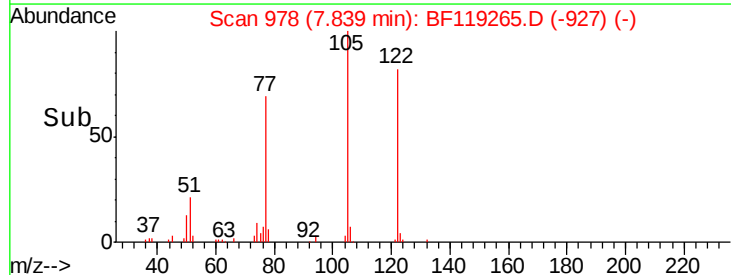
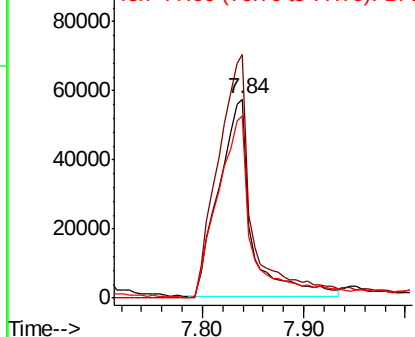


#32
Benzoic acid
Concen: 34.734 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion:122 Resp: 130146
Ion Ratio Lower Upper
122 100
105 122.4 106.3 146.3
77 91.7 73.1 113.1



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

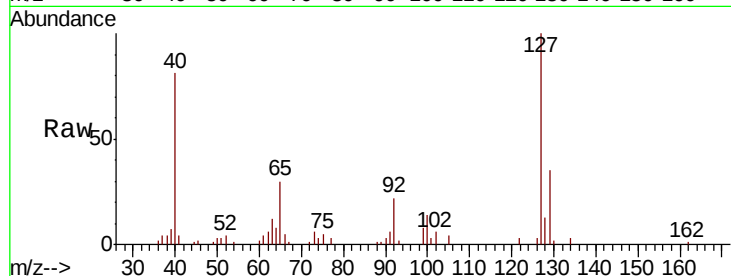




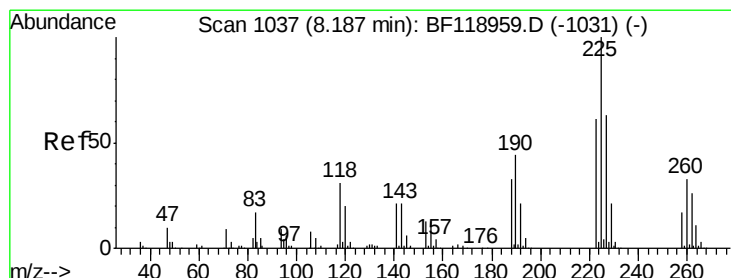
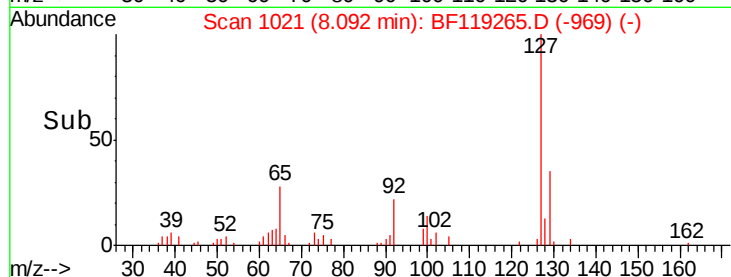
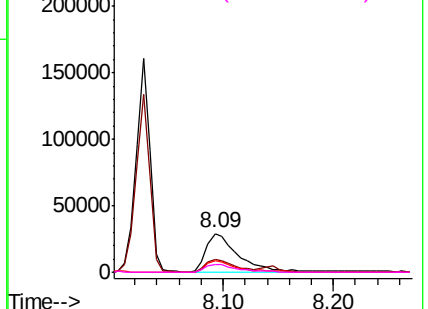
#33
4-Chloroaniline
Concen: 6.286 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	56984
Ion	Ratio	Lower Upper
127	100	
129	34.6	25.9 38.9
65	29.8	23.9 35.9
92	21.5	16.3 24.5

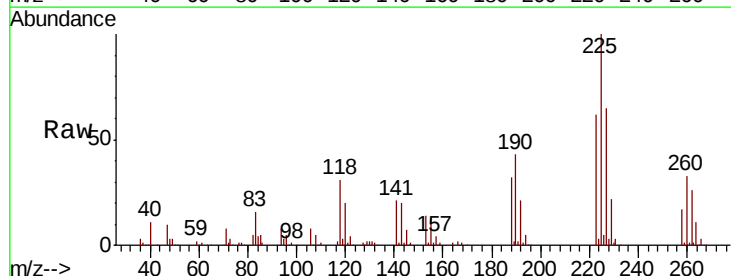


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

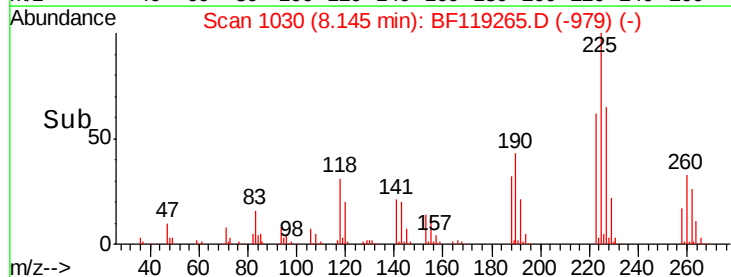
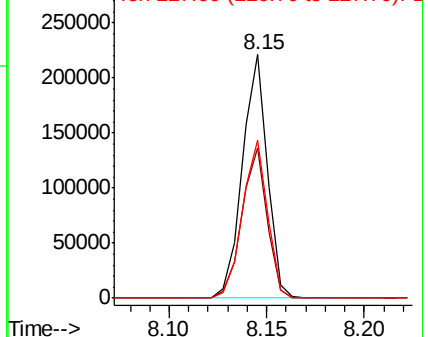


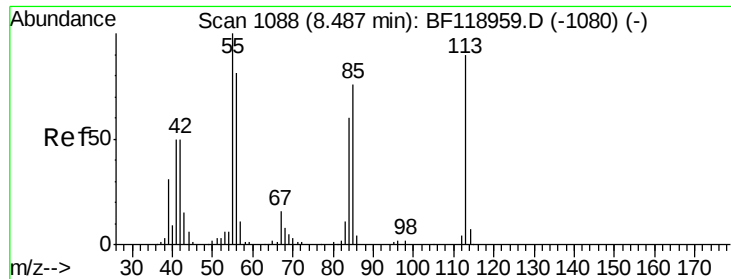
#34
Hexachlorobutadiene
Concen: 40.992 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion:225	Resp:	195060
Ion	Ratio	Lower Upper
225	100	
223	61.5	49.4 74.2
227	64.8	52.9 79.3



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

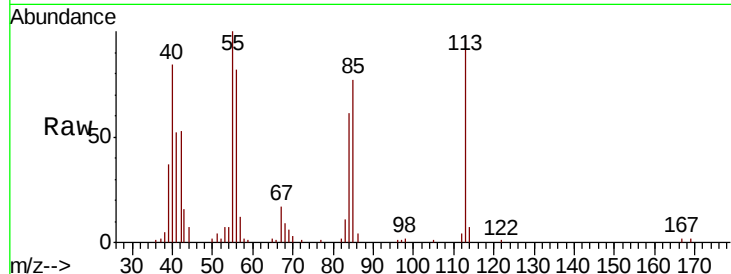




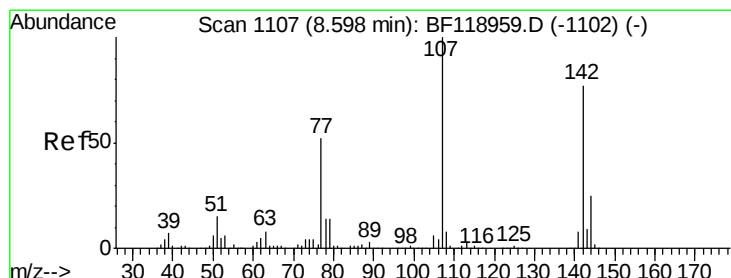
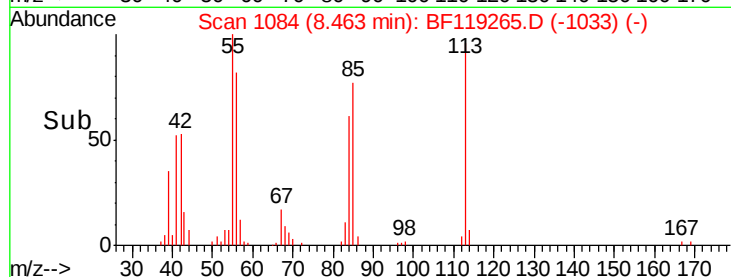
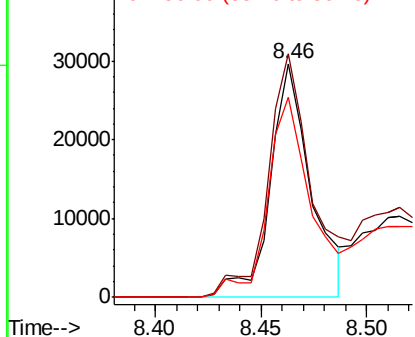
#35
Caprolactam
Concen: 19.986 ng
RT: 8.46 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 39651
Ion Ratio Lower Upper
113 100
55 104.3 95.7 135.7
56 85.5 73.1 113.1

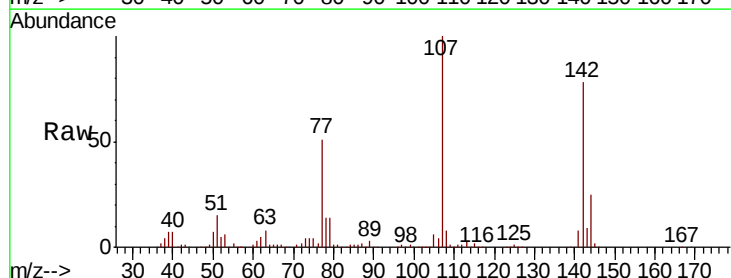


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

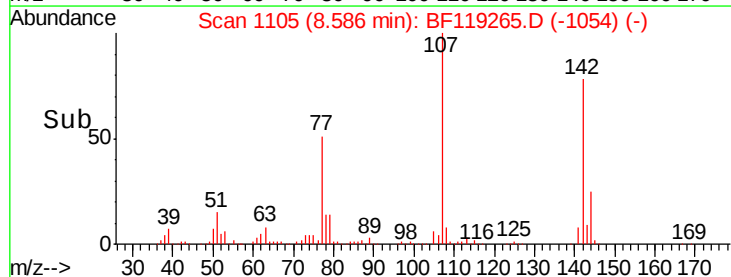
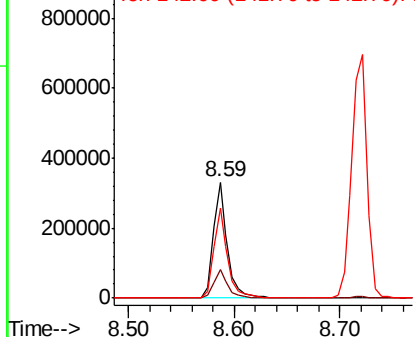


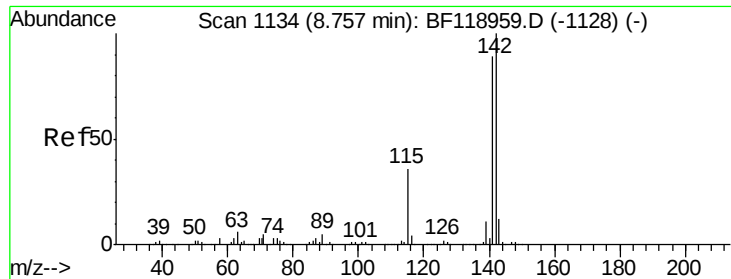
#36
4-Chloro-3-methylphenol
Concen: 47.691 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion:107 Resp: 310981
Ion Ratio Lower Upper
107 100
144 24.8 20.1 30.1
142 77.6 61.4 92.2



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

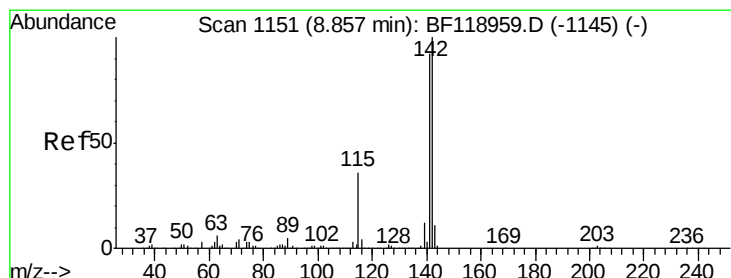
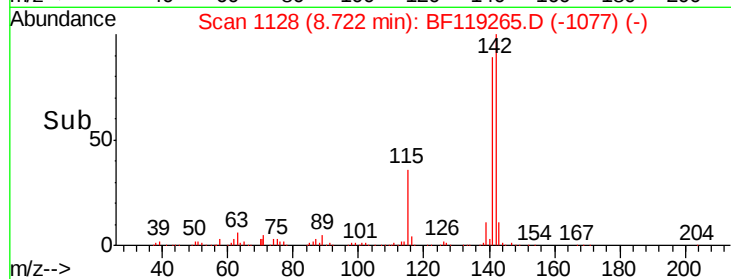
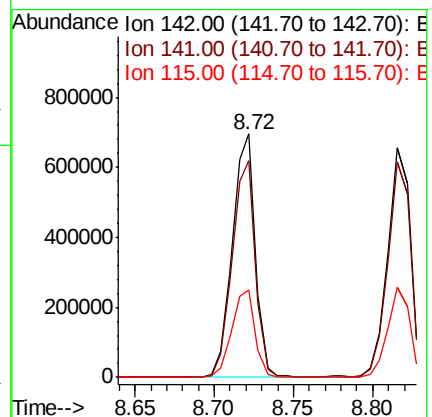
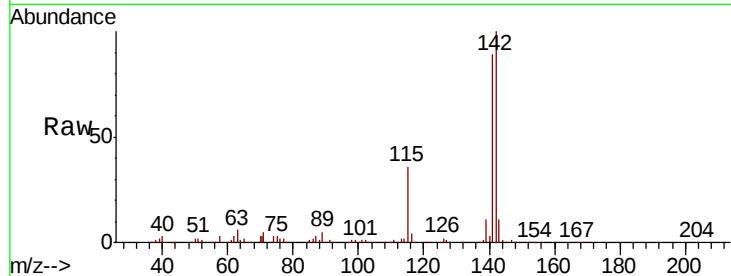




#37
2-Methylnaphthalene
Concen: 48.931 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

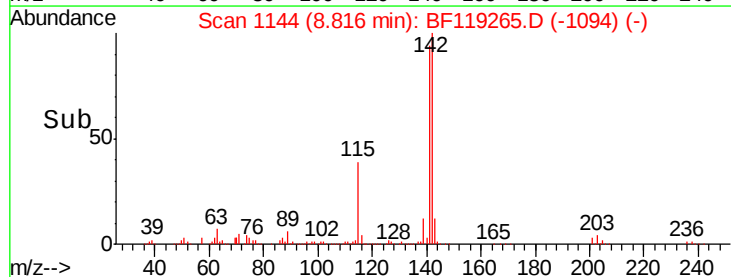
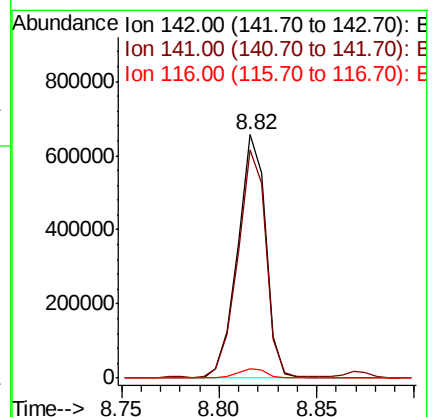
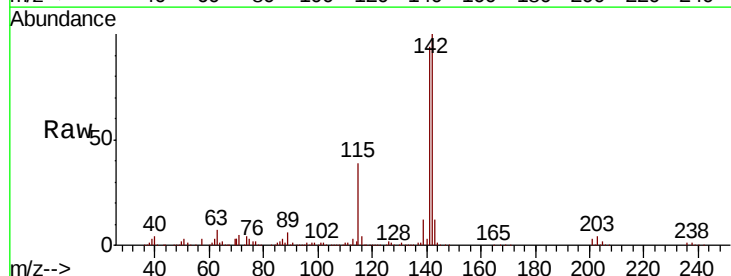
Instrument :
BNA_F
ClientSampleId :

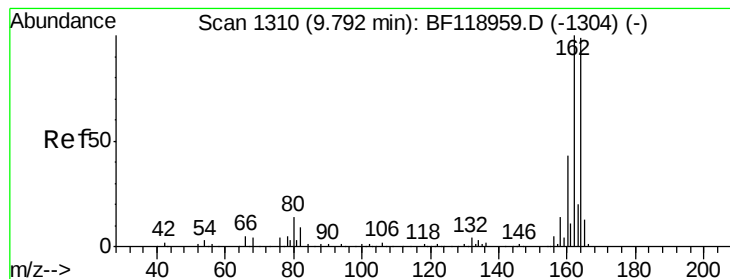
Tot Ion:142 Resp: 693987
Ion Ratio Lower Upper
142 100
141 89.1 72.3 108.5
115 36.0 30.6 45.8



#38
1-Methylnaphthalene
Concen: 49.050 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion:142 Resp: 654250
Ion Ratio Lower Upper
142 100
141 93.8 75.8 113.6
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

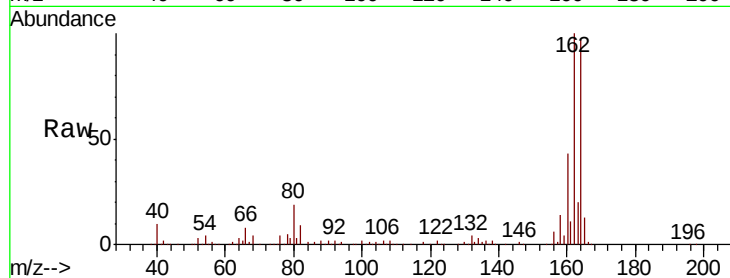
Tot Ion:164 Resp: 228192

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.8

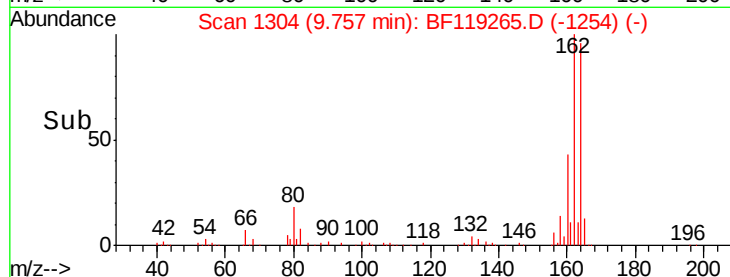
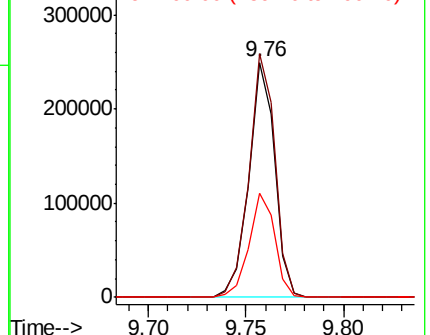
160 44.3 36.0 54.0



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: 43.325 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion:216 Resp: 333326

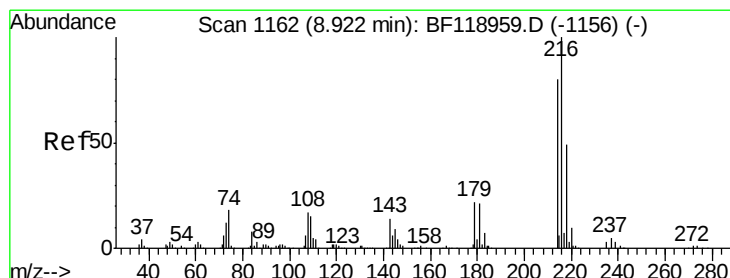
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 21.7 17.7 26.5

108 17.7 13.9 20.9

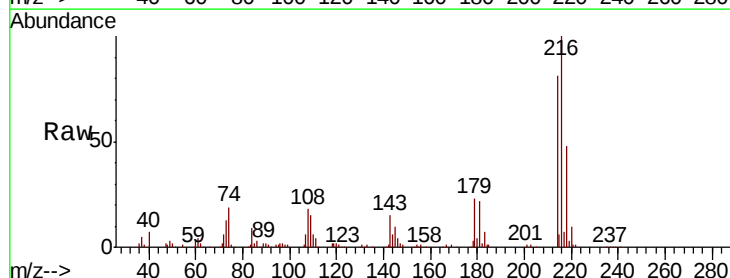
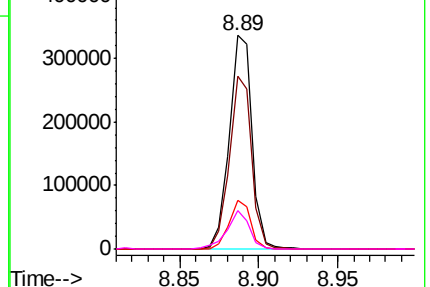


Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.371 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

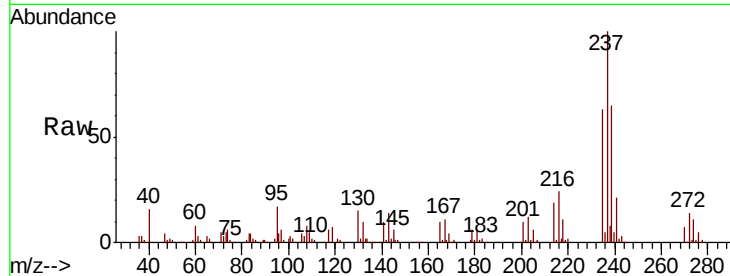
Tot Ion:237 Resp: 120503

Ion Ratio Lower Upper

237 100

235 62.9 42.3 82.3

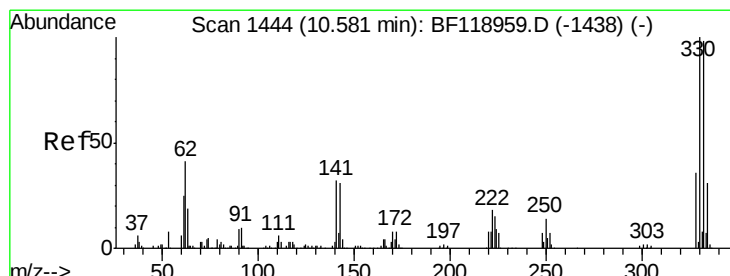
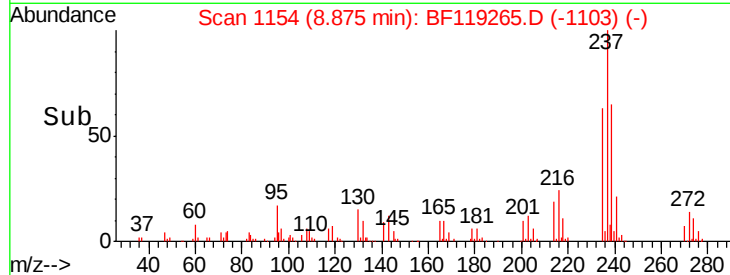
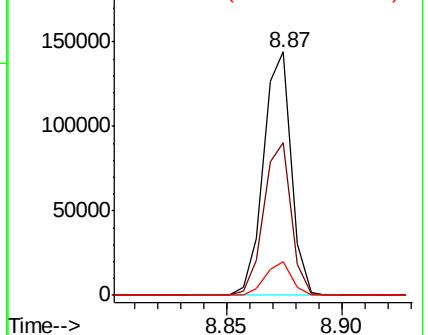
272 13.7 0.0 33.5



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: 126.927 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

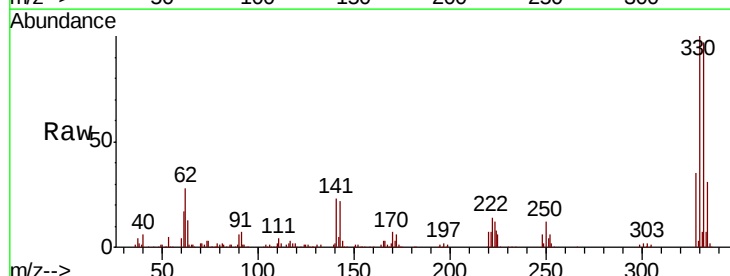
Tgt Ion:330 Resp: 378893

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

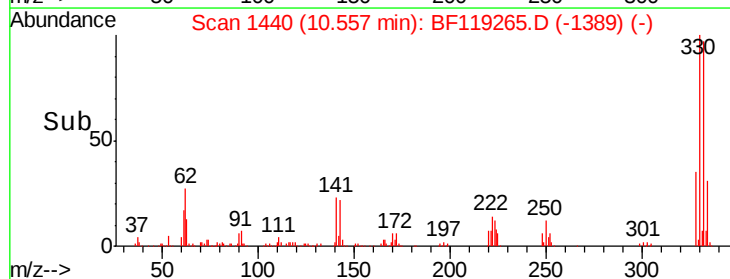
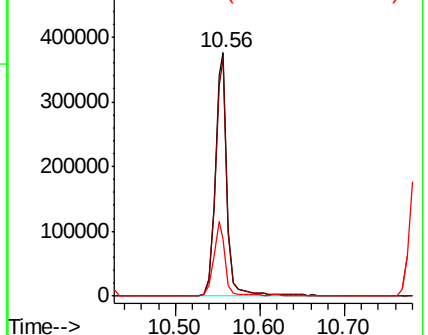
141 29.7 22.9 34.3

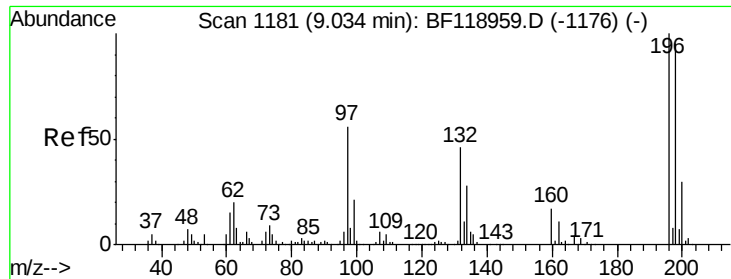


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

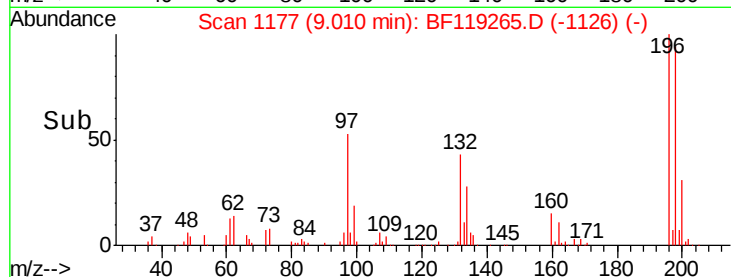
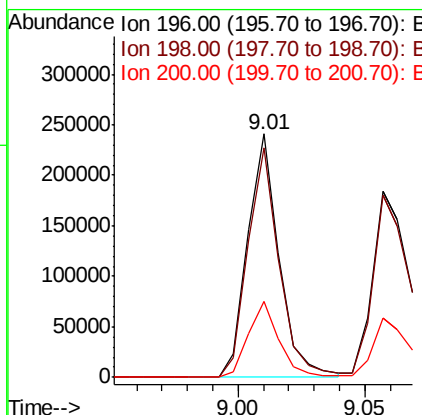
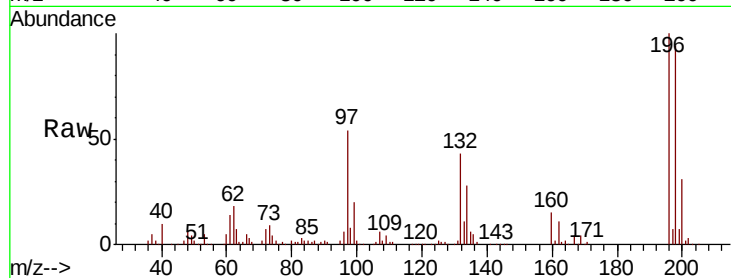




#43
 2,4,6-Trichlorophenol
 Concen: 42.840 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

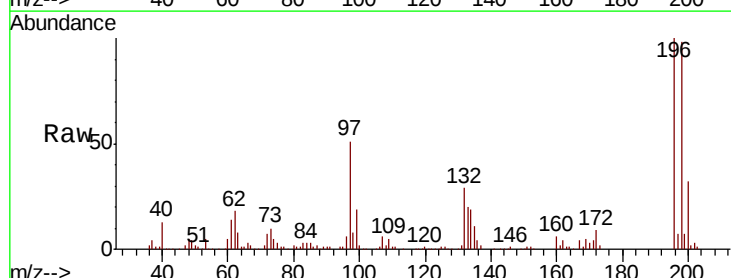
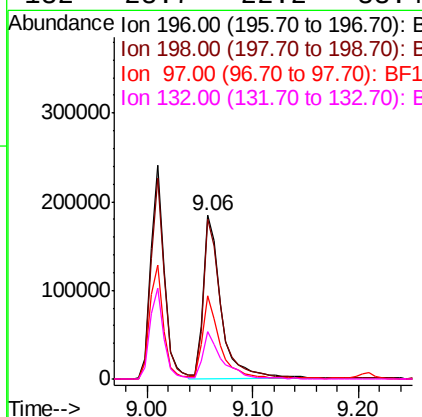
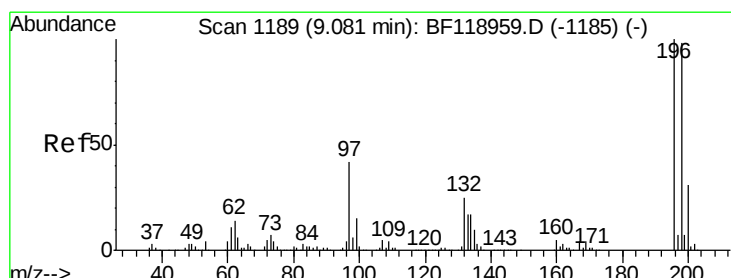
Instrument :
 BNA_F
 ClientSampleId :

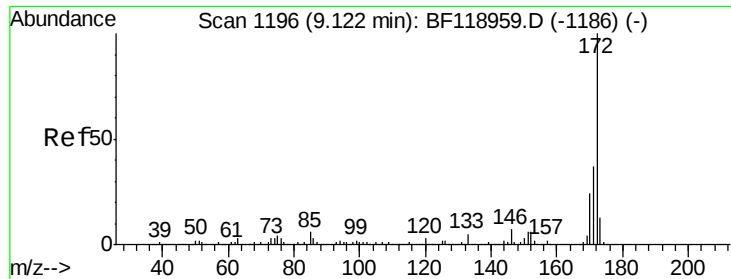
Tot Ion:196 Resp: 208137
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.1 115.7
 200 31.0 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.505 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion:196 Resp: 216704
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.8 115.2
 97 50.9 38.5 57.7
 132 28.7 22.2 33.4



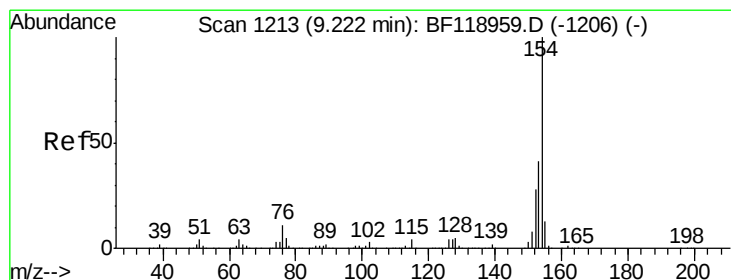
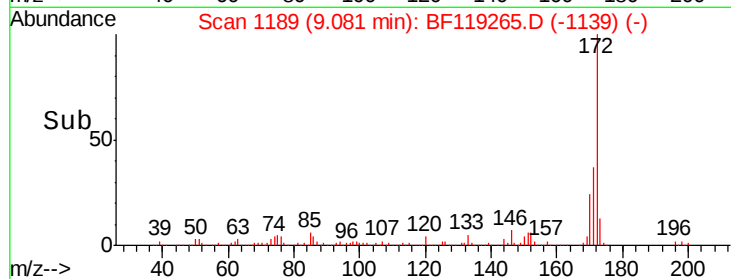
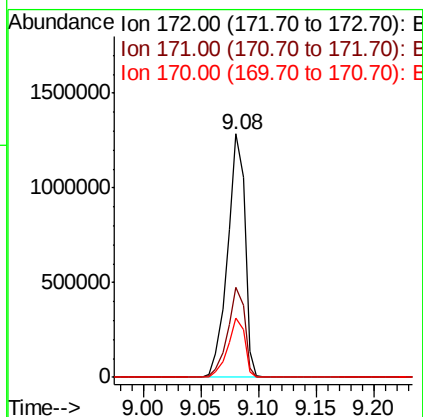
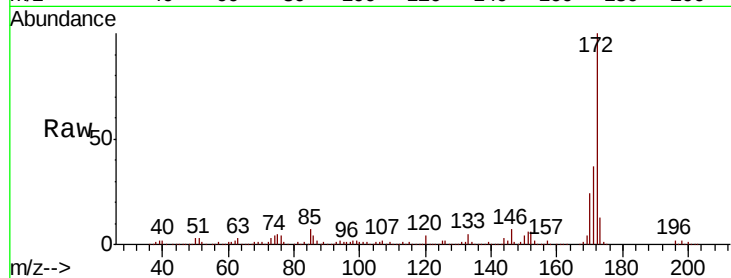


#45
 2-Fluorobiphenyl
 Concen: 86.199 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1335209

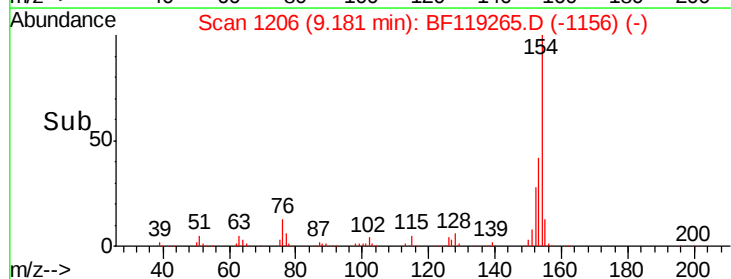
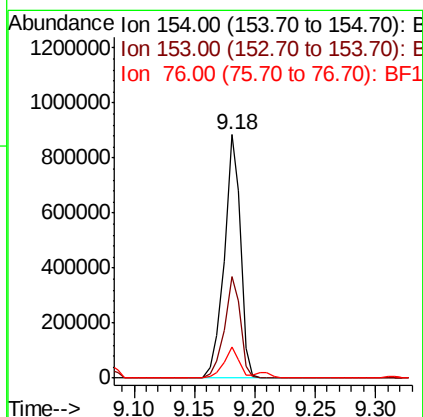
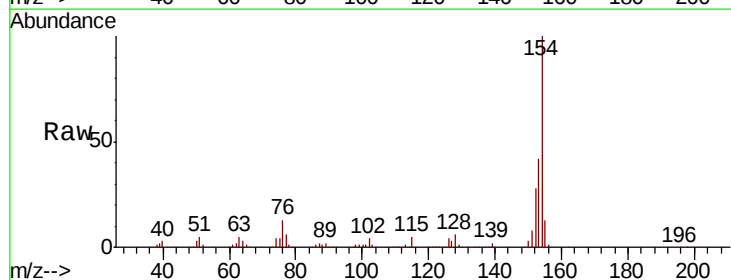
Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	24.2	20.2	30.2

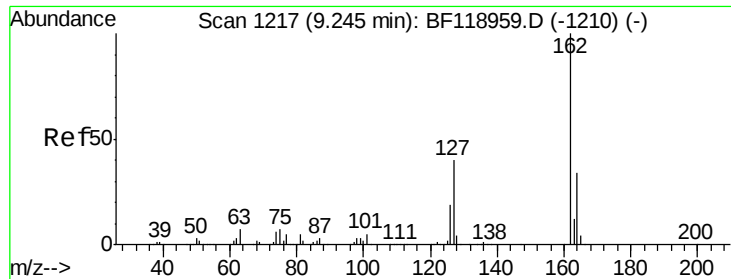


#46
 1,1'-Biphenyl
 Concen: 44.327 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion:154 Resp: 817509

Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	12.7	0.0	32.2

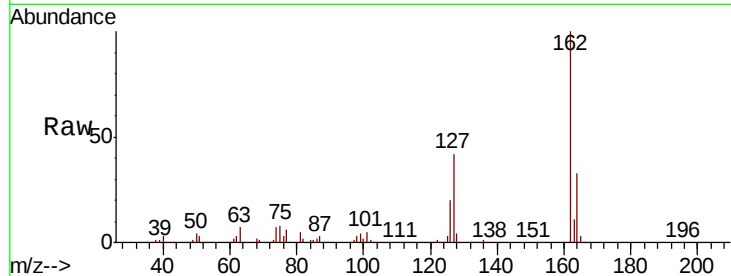




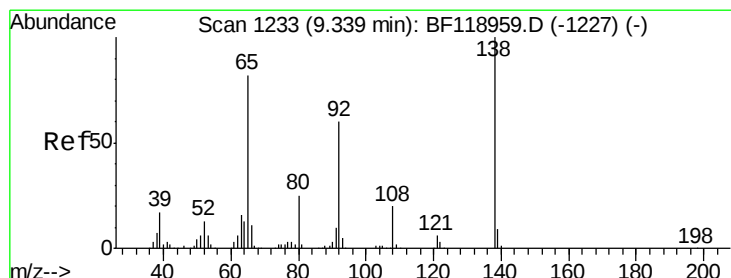
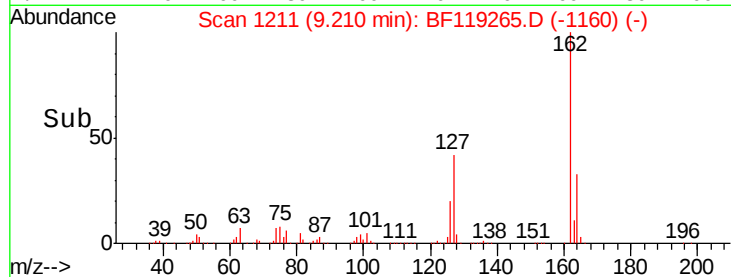
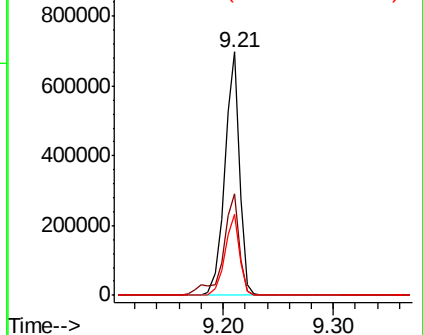
#47
 2-Chloronaphthalene
 Concen: 43.696 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 649415
 Ion Ratio Lower Upper
 162 100
 127 41.7 35.0 52.4
 164 33.1 27.2 40.8

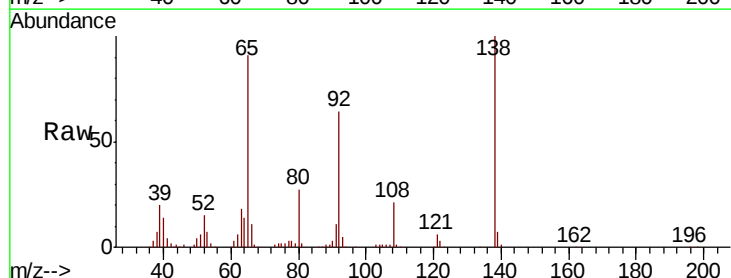


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

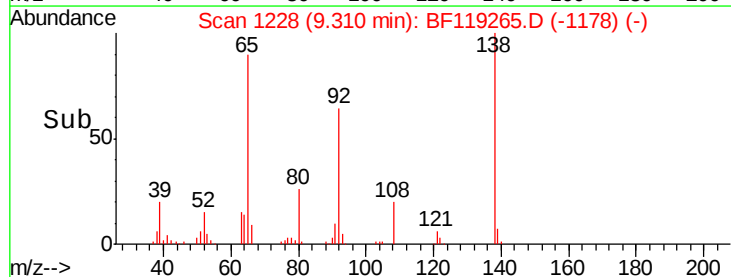
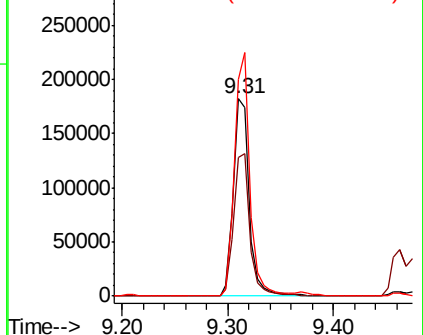


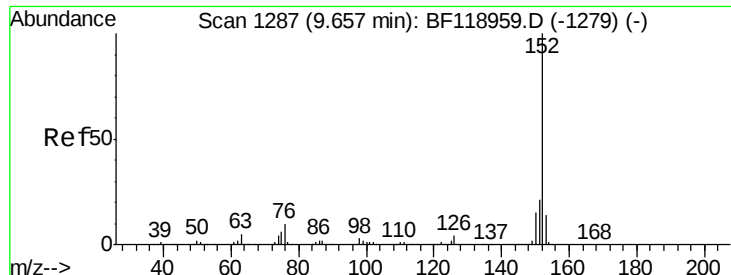
#48
 2-Nitroaniline
 Concen: 45.531 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion: 65 Resp: 188737
 Ion Ratio Lower Upper
 65 100
 92 70.0 58.2 87.2
 138 110.3 95.6 143.4



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





#49

Acenaphthylene

Concen: 46.346 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampled :

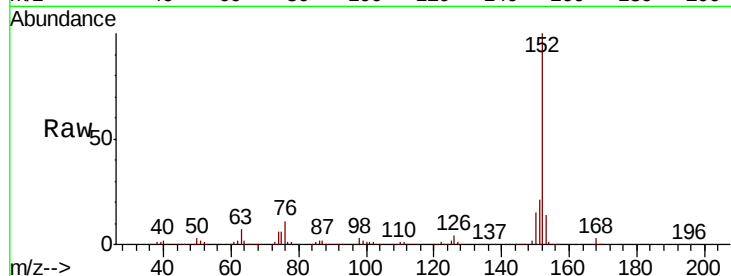
Tot Ion:152 Resp: 994821

Ion Ratio Lower Upper

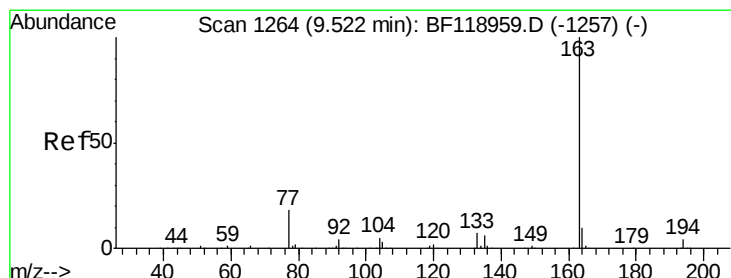
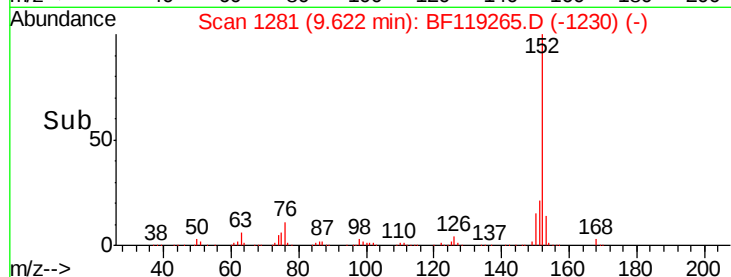
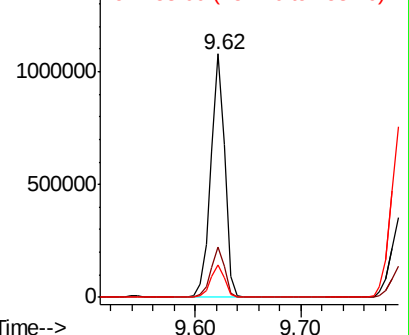
152 100

151 20.9 16.9 25.3

153 13.5 11.0 16.6



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: 47.777 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

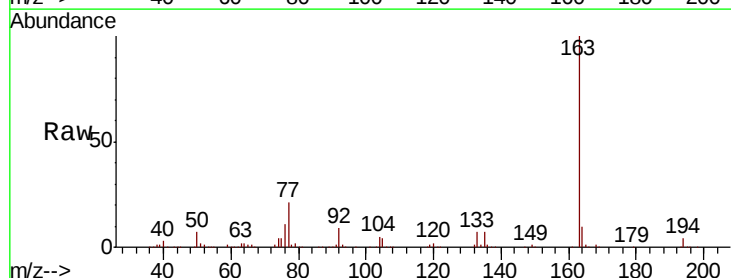
Tgt Ion:163 Resp: 833669

Ion Ratio Lower Upper

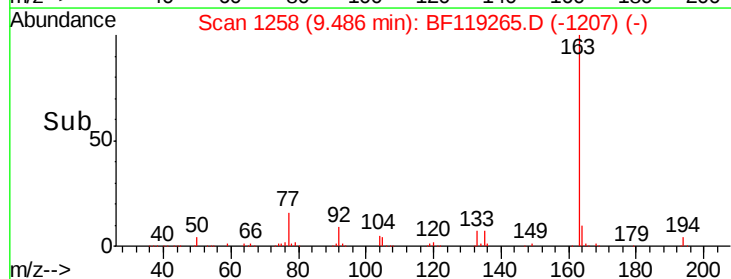
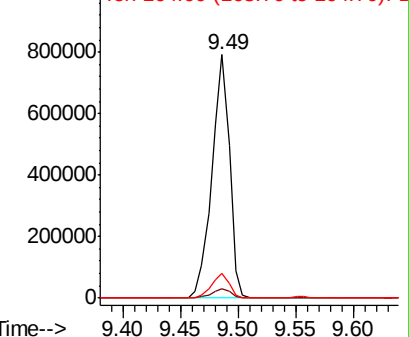
163 100

194 4.1 3.5 5.3

164 10.1 8.4 12.6



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

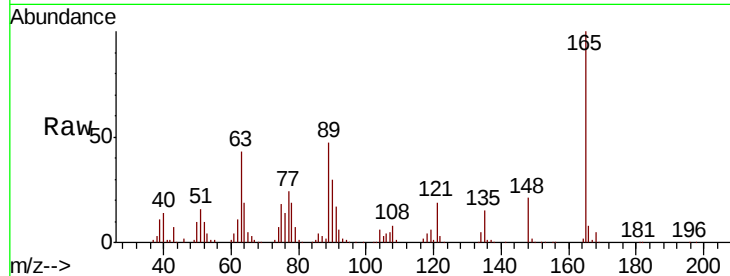




#51
 2,6-Dinitrotoluene
 Concen: 46.263 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	34.3	51.5
89	47.5	38.3	57.5

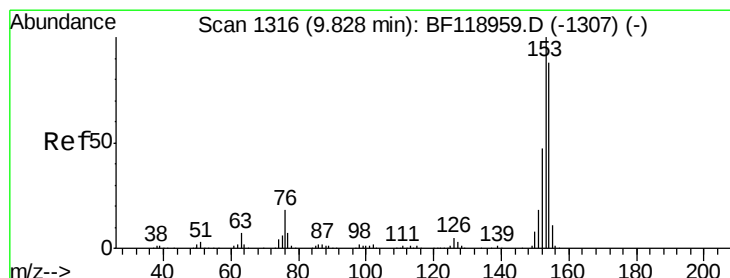
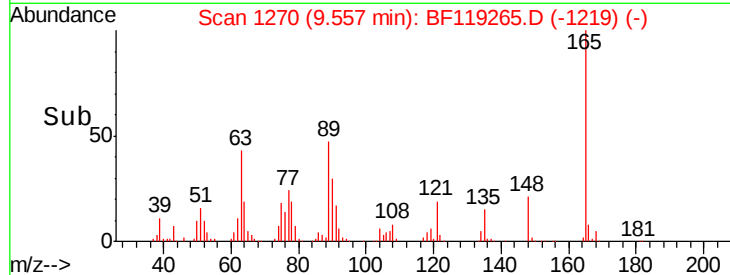
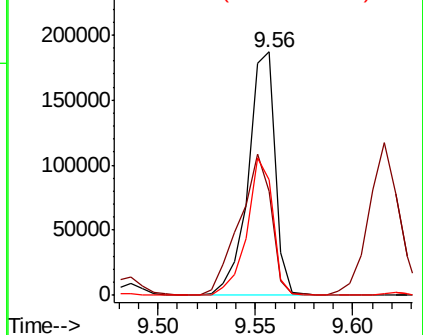


Abundance

Ion 165.00 (164.70 to 165.70): E

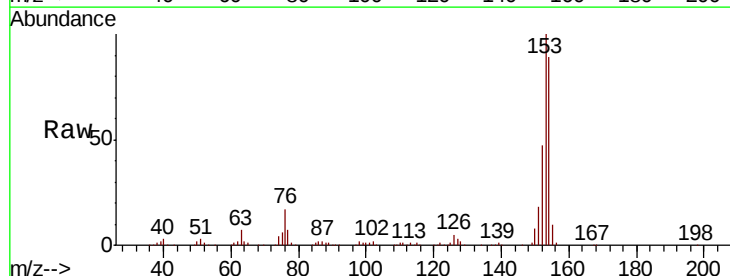
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 46.394 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.3	135.5
152	52.9	43.8	65.8

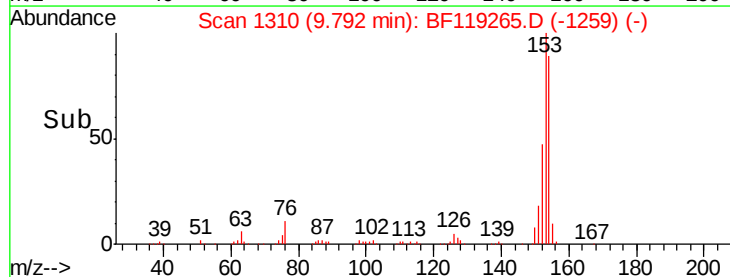
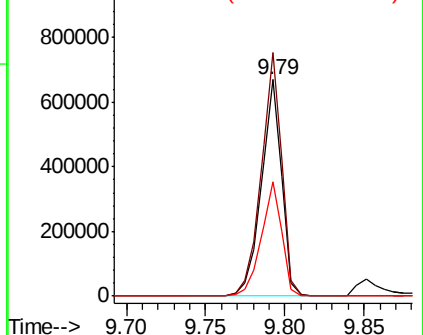


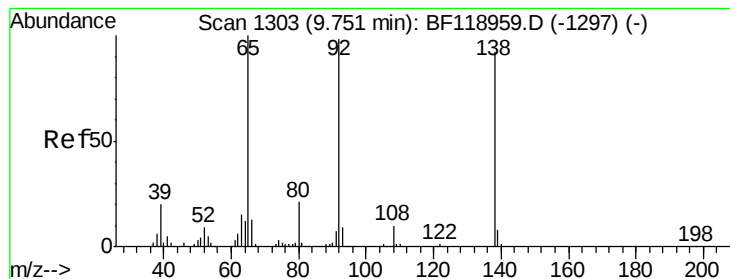
Abundance

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: 9.922 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampled :

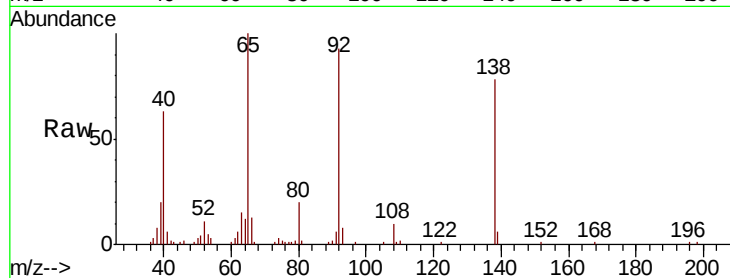
Tot Ion:138 Resp: 42644

Ion Ratio Lower Upper

138 100

108 12.4 8.8 13.2

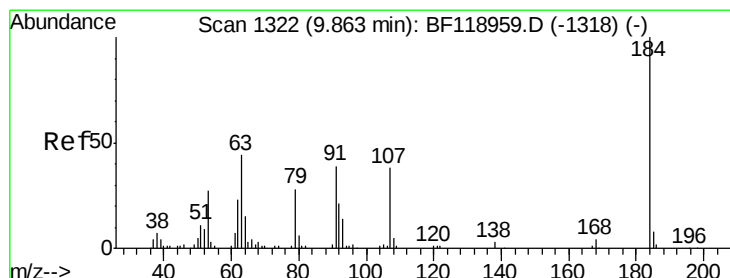
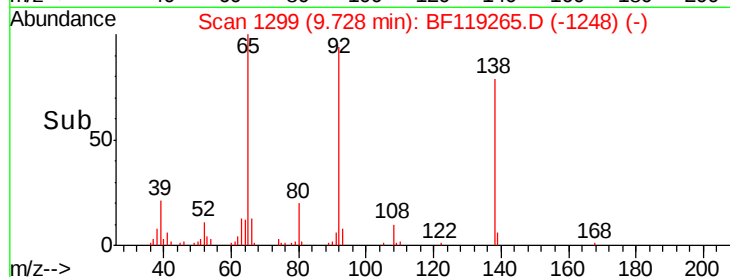
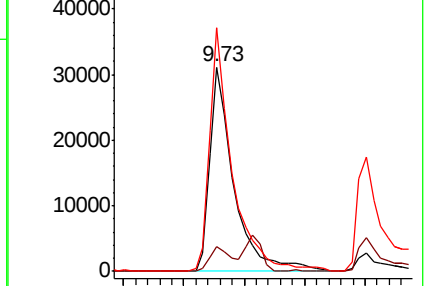
92 119.2 84.8 127.2



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: 58.753 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

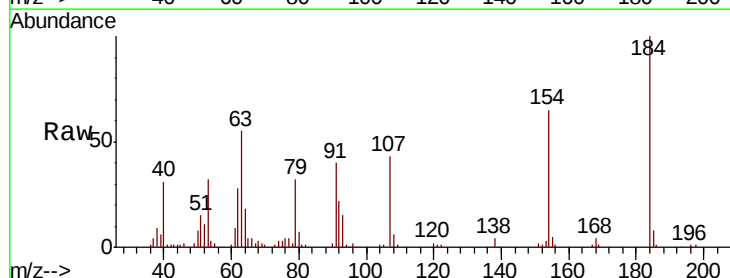
Tgt Ion:184 Resp: 106576

Ion Ratio Lower Upper

184 100

63 55.0 38.7 58.1

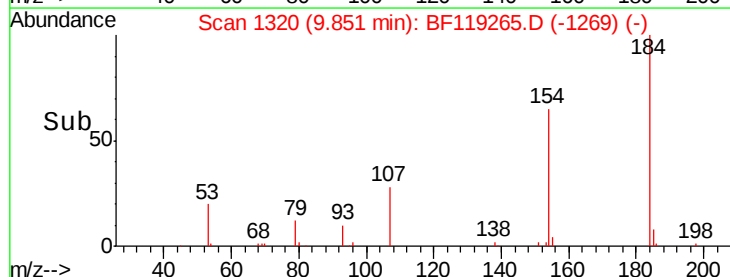
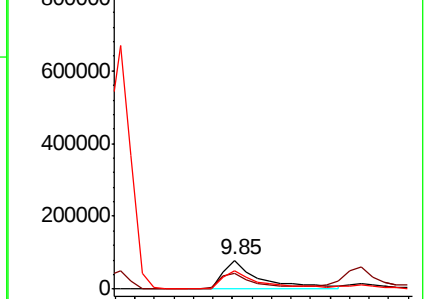
154 65.2 49.7 74.5

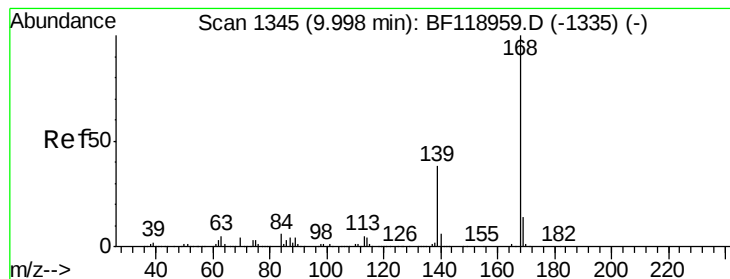


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 46.177 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

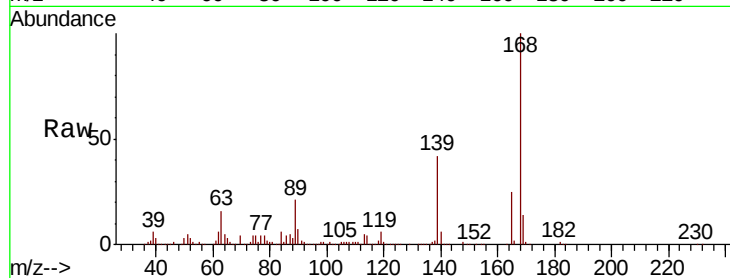
Tot Ion:168 Resp: 892090

Ion Ratio Lower Upper

168 100

139 42.4 34.0 51.0

169 13.9 11.0 16.4

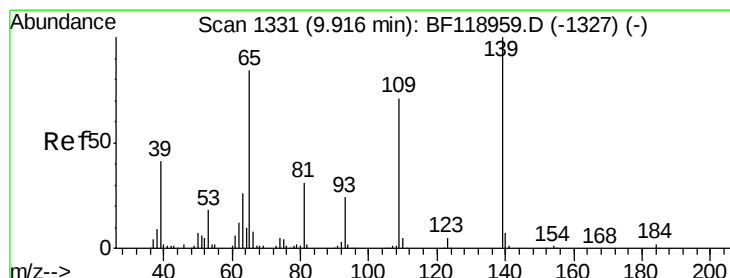
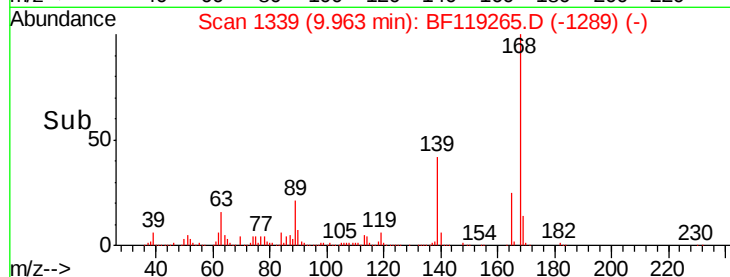
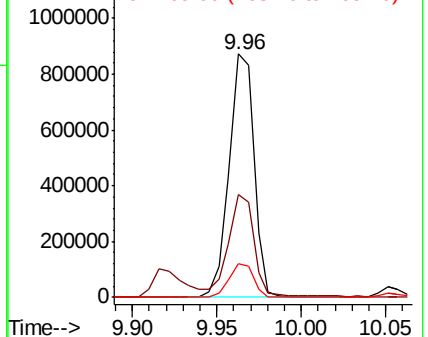


Abundance

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: 53.064 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

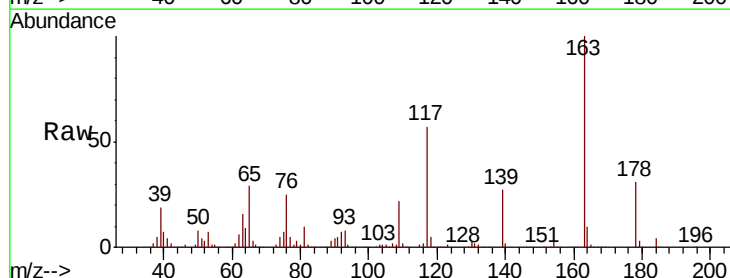
Tgt Ion:139 Resp: 137024

Ion Ratio Lower Upper

139 100

109 82.5 56.7 96.7

65 109.6 65.0 105.0#

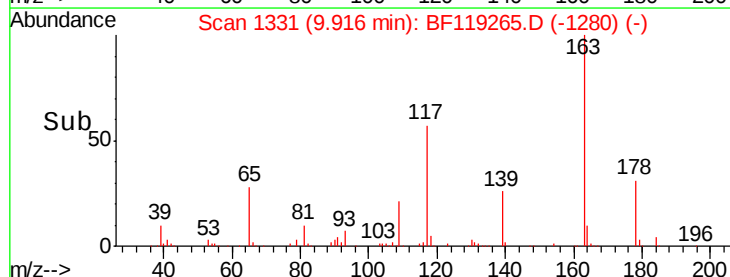
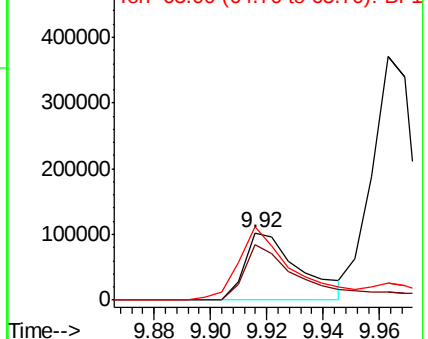


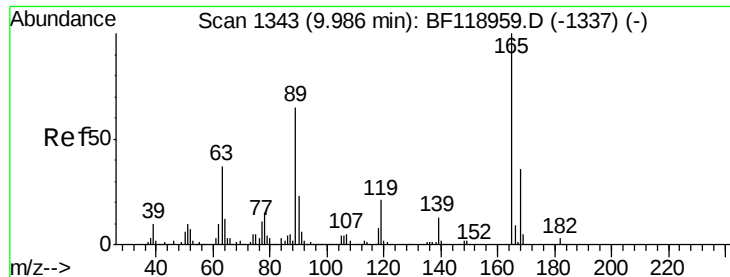
Abundance

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

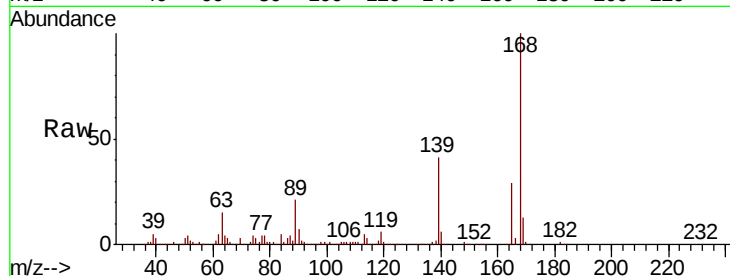




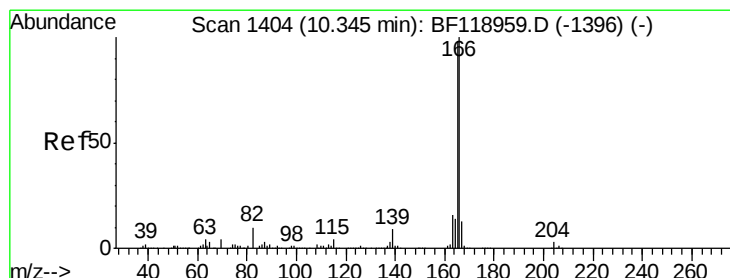
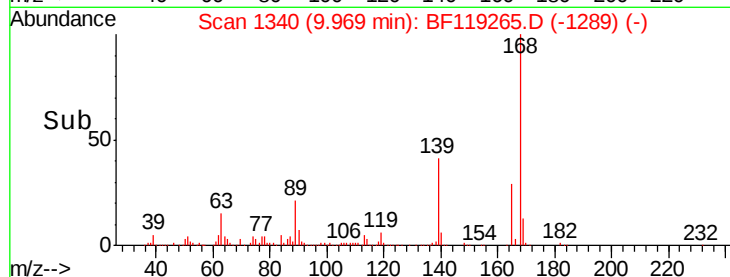
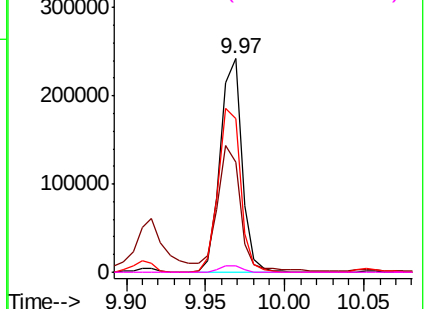
#57
2,4-Dinitrotoluene
Concen: 46.135 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	42.3	63.5
89	71.6	60.2	90.4
182	2.9	2.3	3.5

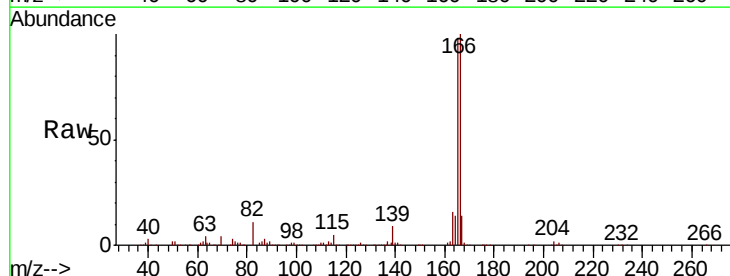


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

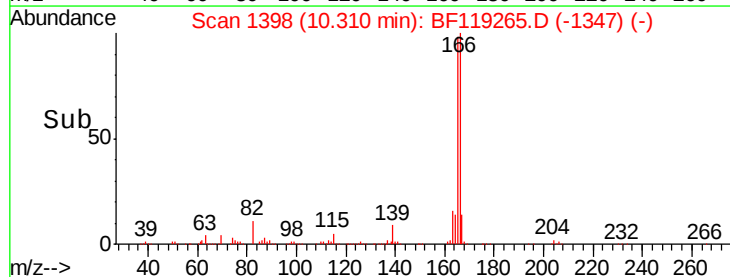
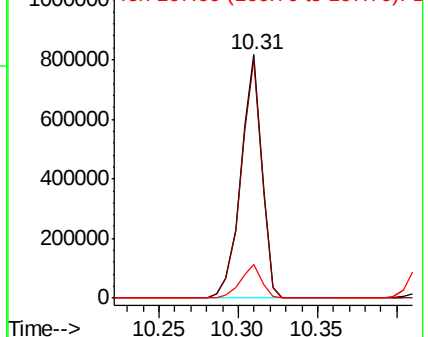


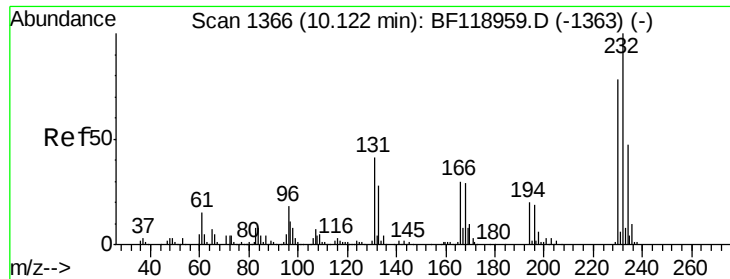
#58
Fluorene
Concen: 49.320 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.5	117.7
167	13.6	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

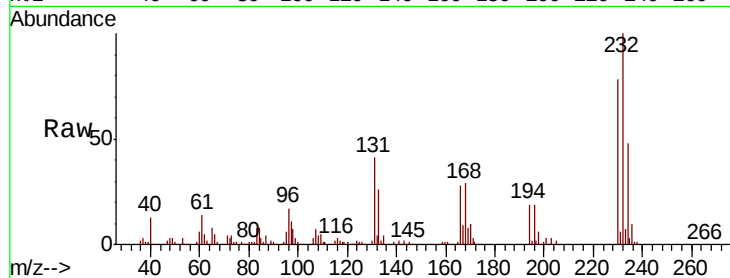




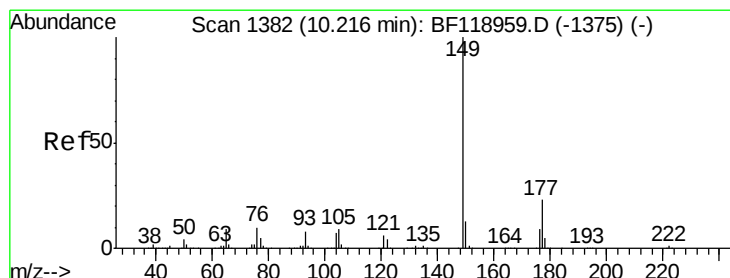
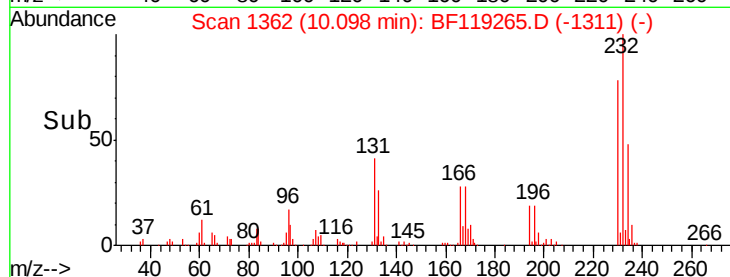
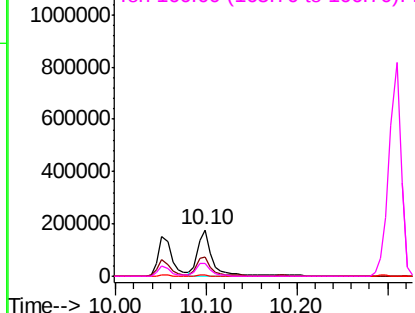
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.480 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 195653
Ion Ratio Lower Upper
232 100
131 40.5 33.8 50.8
130 2.4 1.8 2.6
166 27.8 23.0 34.4

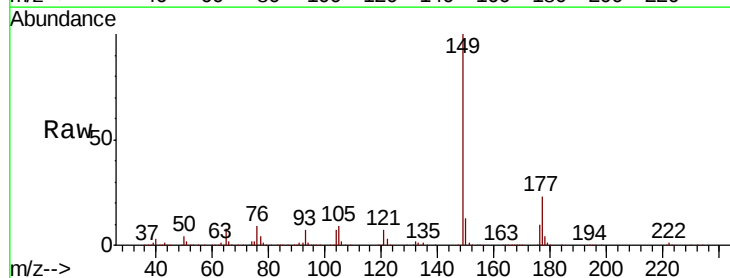


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

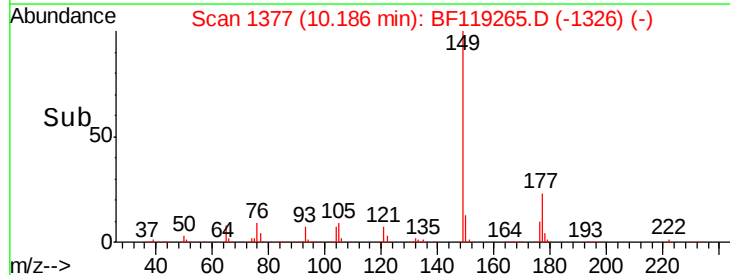
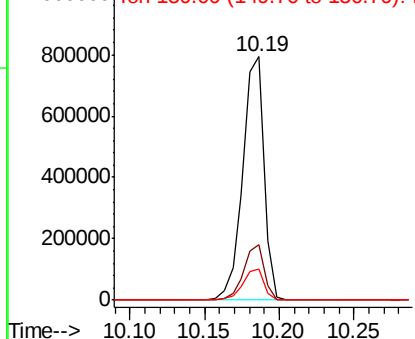


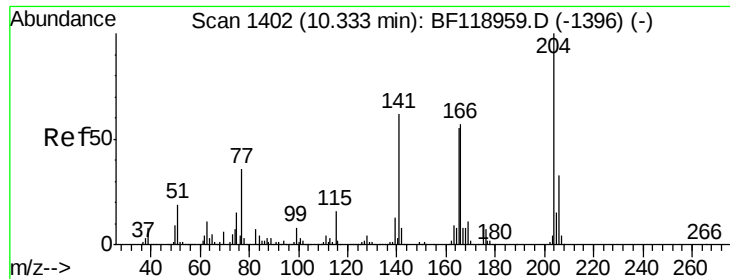
#60
Diethylphthalate
Concen: 47.829 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion:149 Resp: 786493
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 12.7 10.5 15.7



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

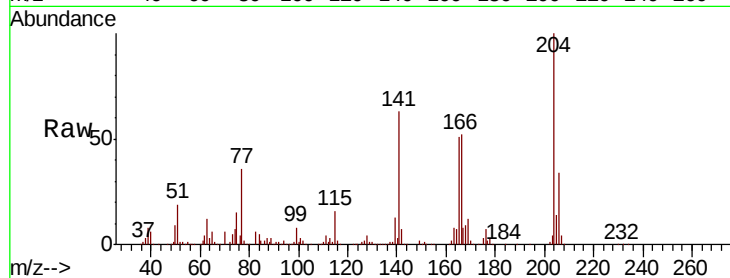




#61
4-Chlorophenyl-phenylether
Concen: 47.141 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.1	40.7
141	62.6	52.9	79.3

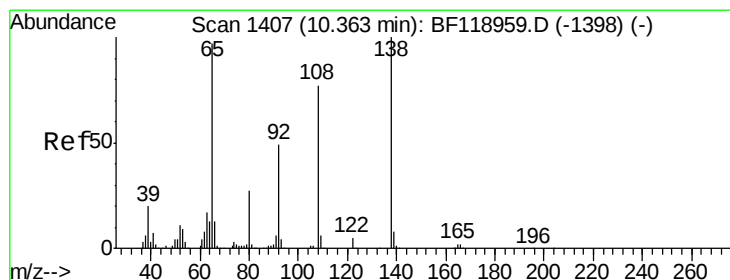
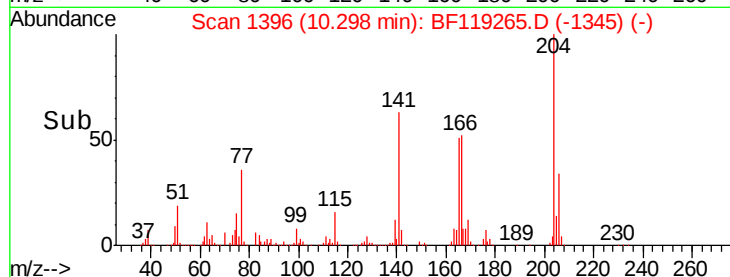
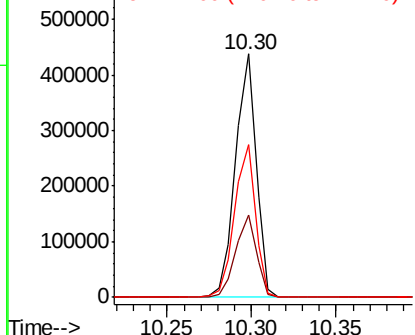


Abundance

Ion 204.00 (203.70 to 204.70): E

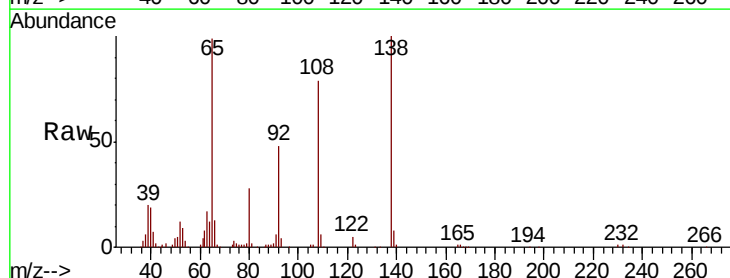
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.233 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	27.3	67.3
108	79.3	57.0	97.0

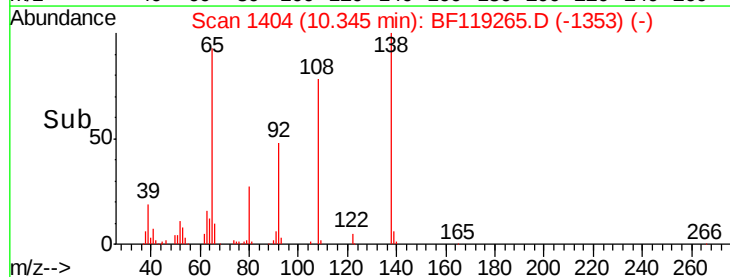
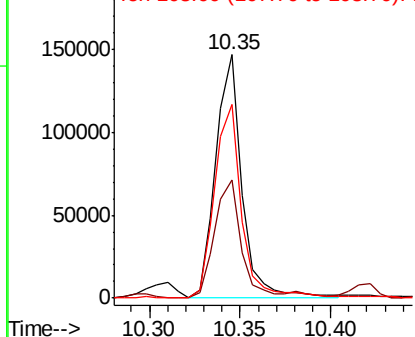


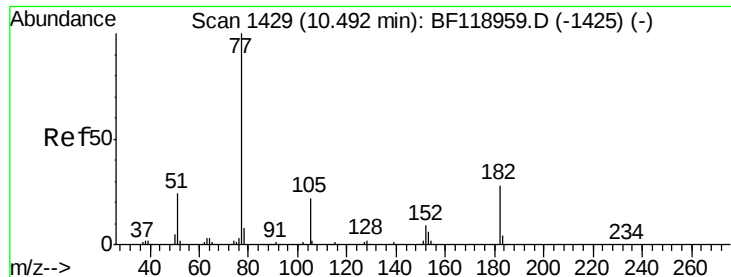
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

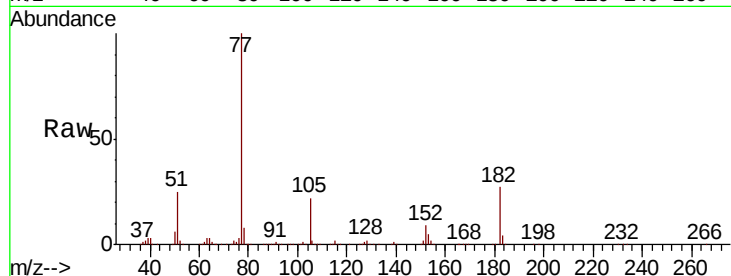




#63
Azobenzene
Concen: 49.177 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.0	11.4	51.4	
105	21.8	3.4	43.4	
51	25.3	5.1	45.1	



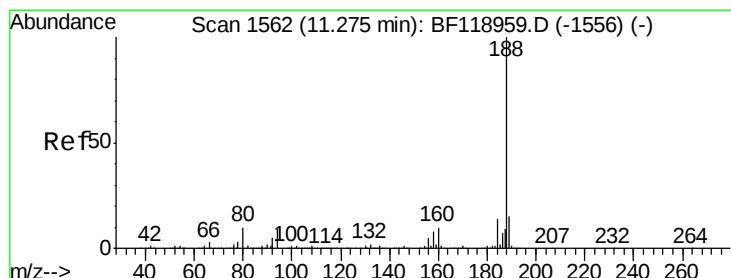
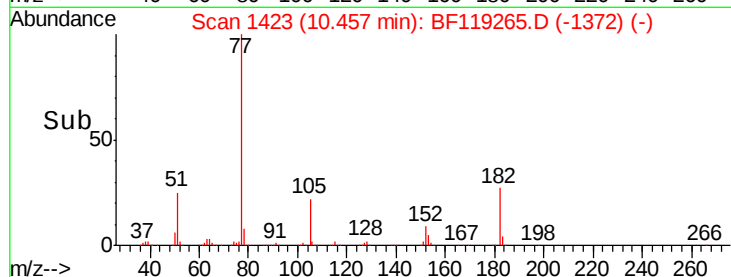
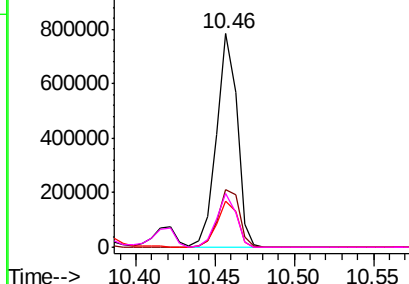
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

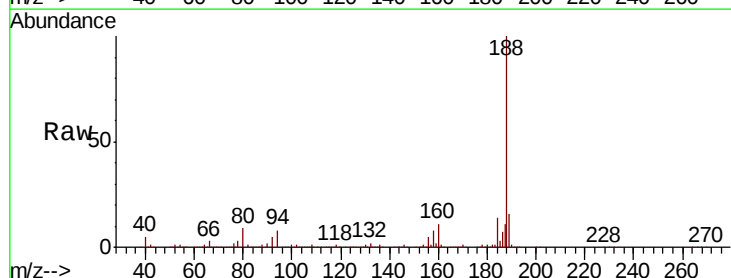
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.1	10.7	
80	8.7	7.8	11.8	

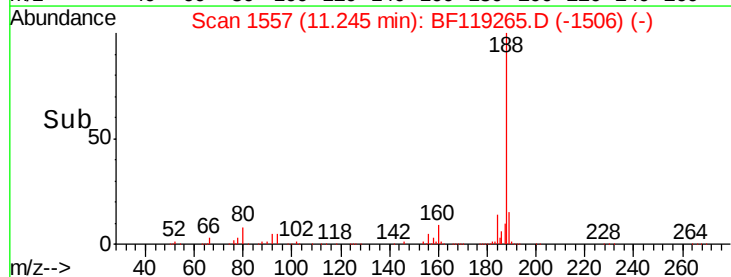
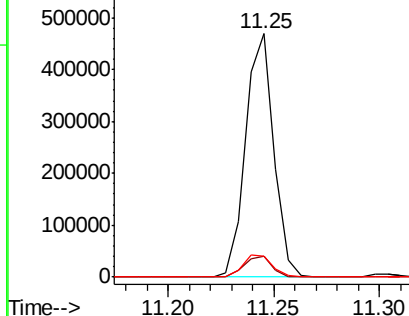


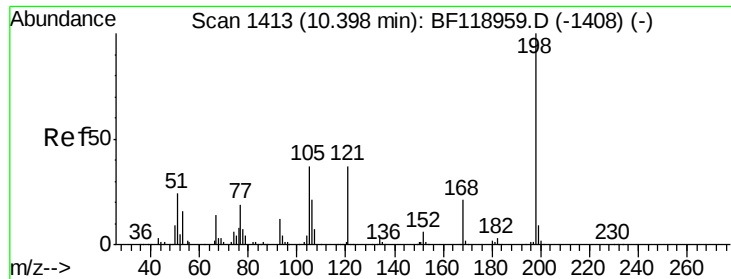
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.945 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

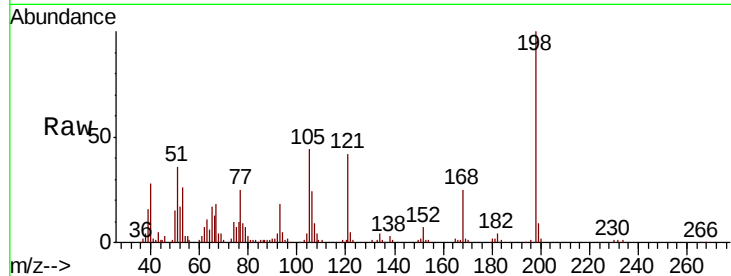
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 110222

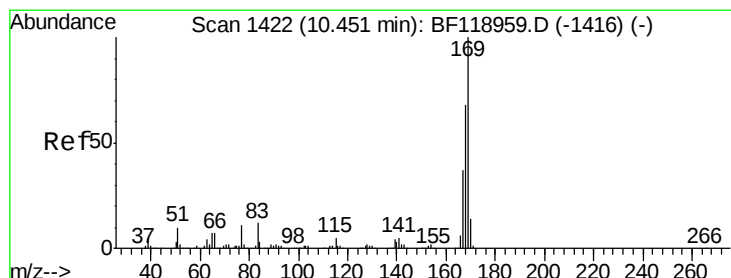
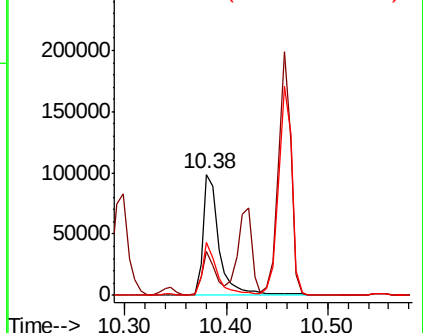
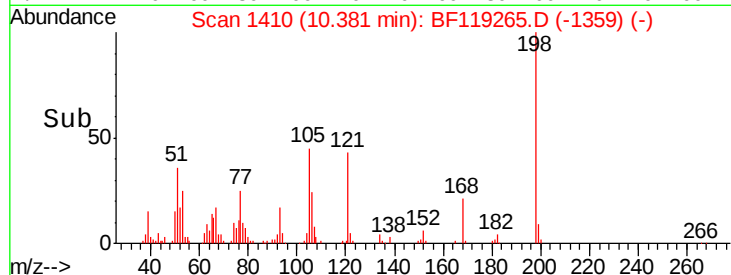
Ion	Ratio	Lower	Upper
198	100		
51	35.8	14.2	54.2
105	44.1	22.7	62.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.574 ng

RT: 10.42 min Scan# 1417

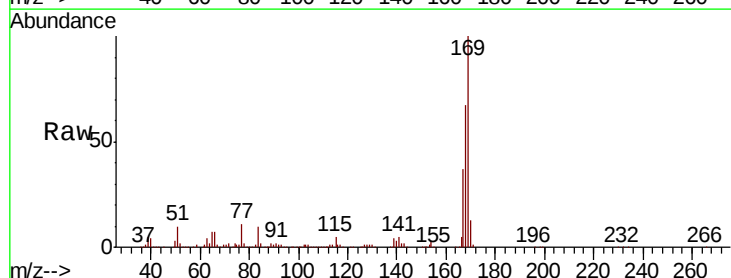
Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion:169 Resp: 662246

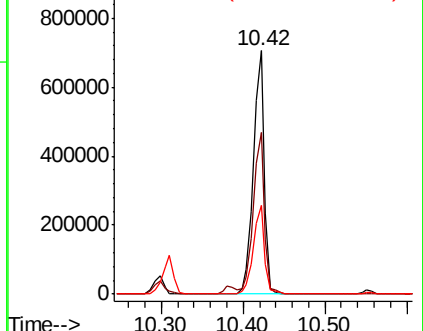
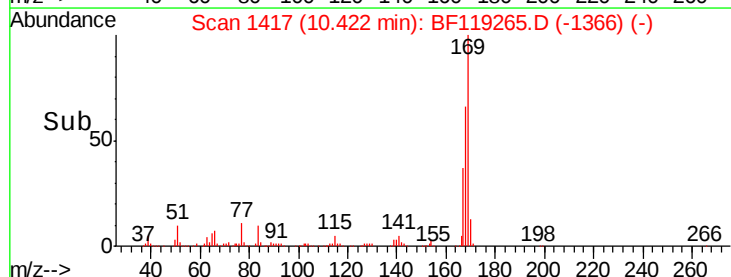
Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.1	81.1
167	36.7	29.4	44.0

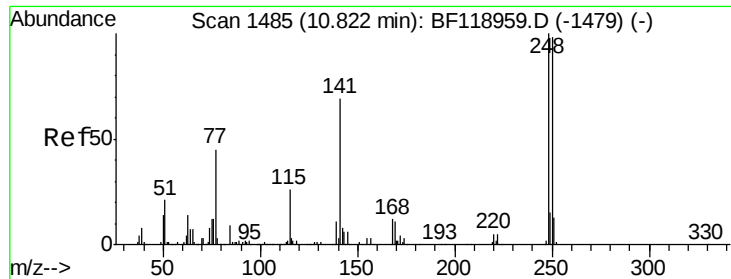


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

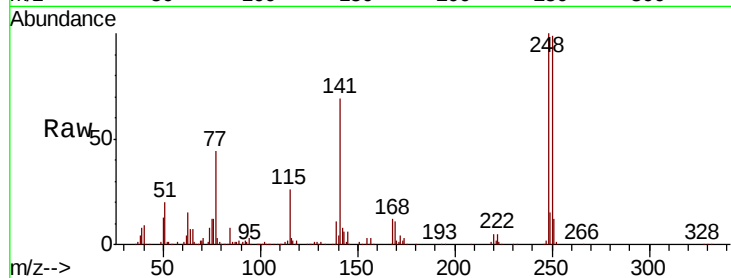




#67
4-Bromophenyl-phenylether
Concen: 43.687 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.7	115.1
141	69.1	60.7	91.1

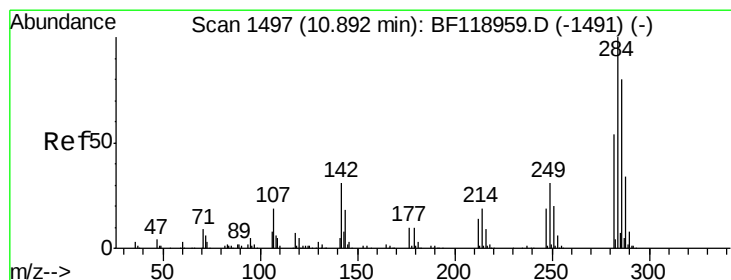
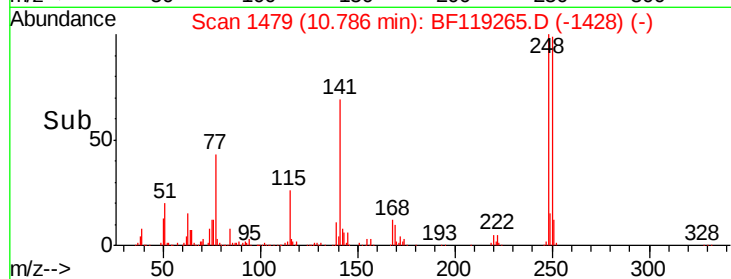
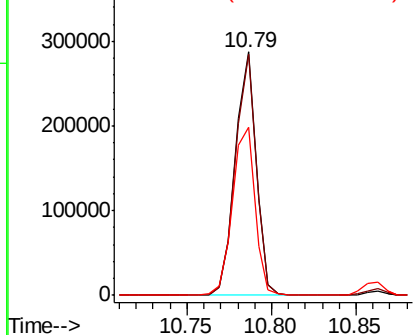


Abundance

Ion 248.00 (247.70 to 248.70): E

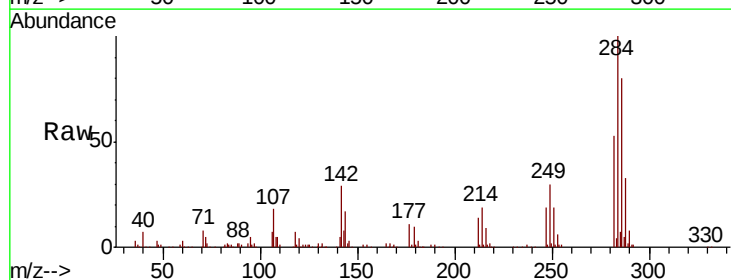
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.995 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	23.7	35.5
249	29.9	25.0	37.6

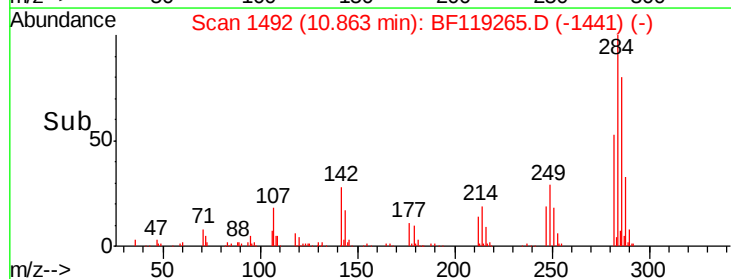
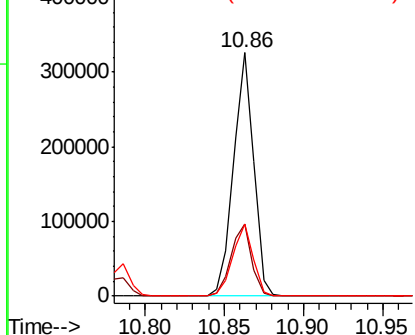


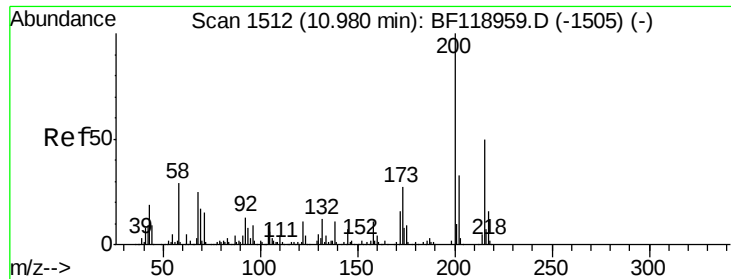
Abundance

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

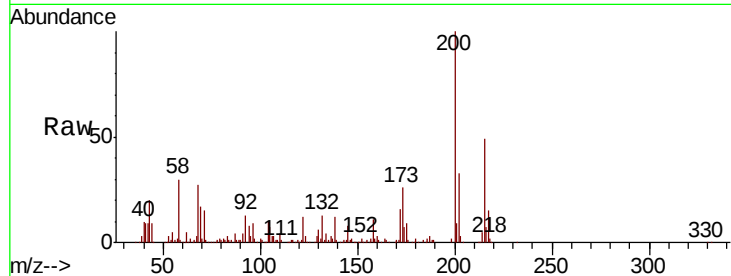




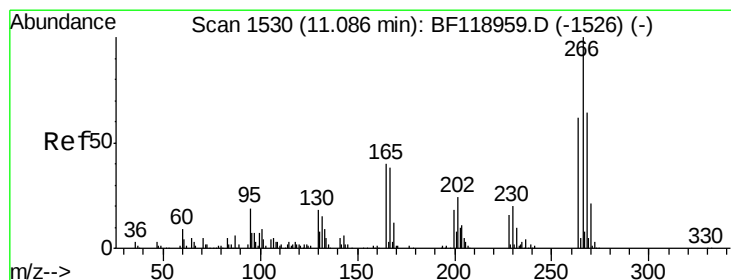
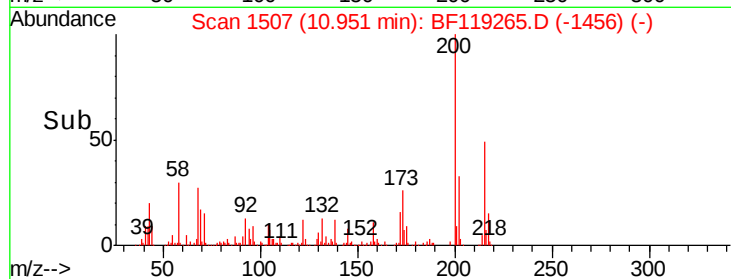
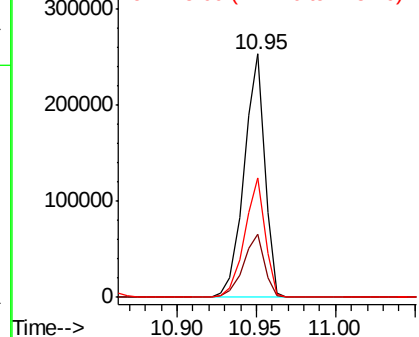
#69
Atrazine
Concen: 46.031 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.4	46.4
215	48.9	27.4	67.4

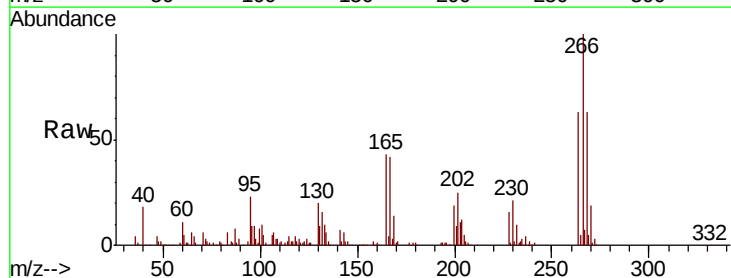


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

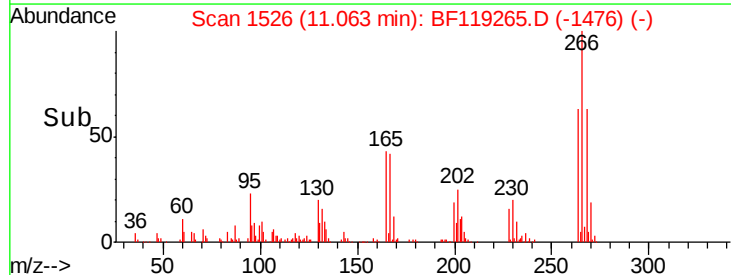
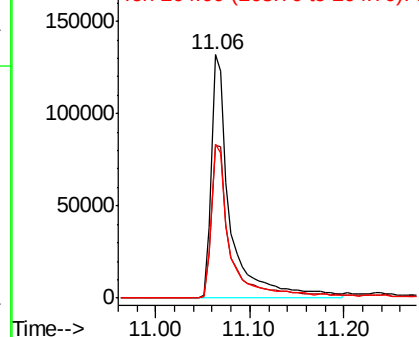


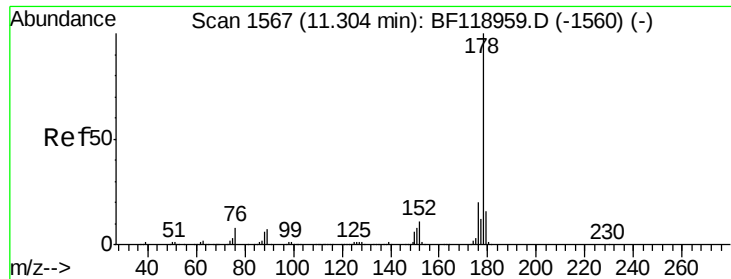
#70
Pentachlorophenol
Concen: 71.392 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.9	77.9
264	63.2	51.0	76.4



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

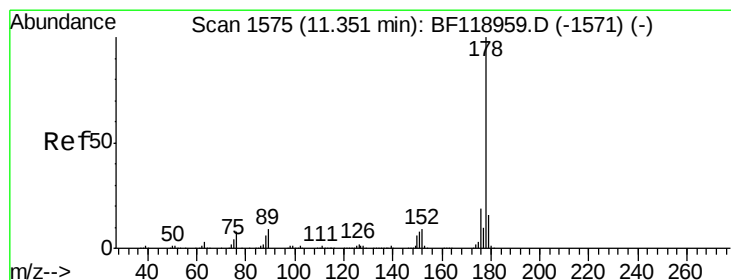
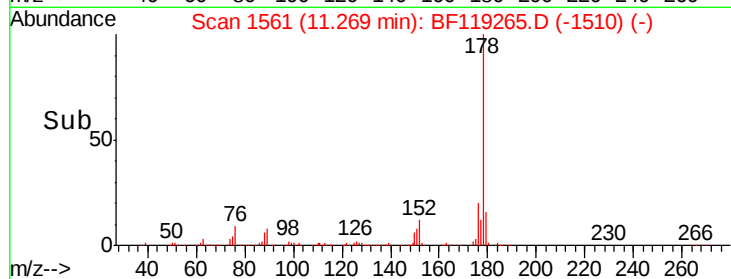
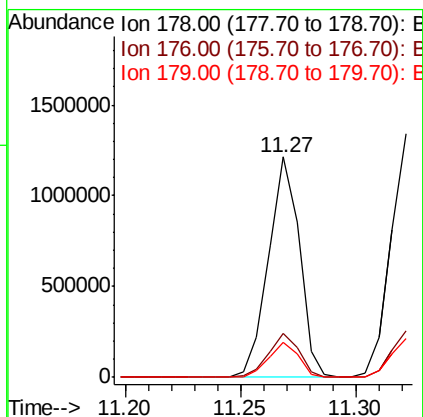
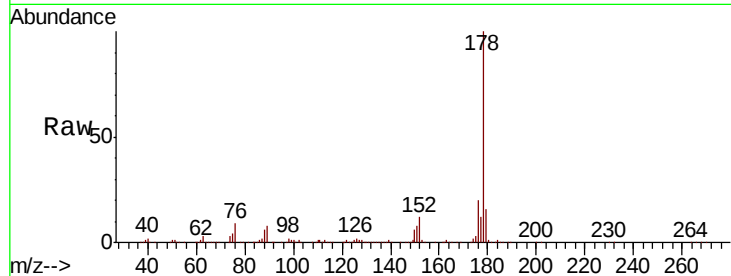




#71
Phenanthrene
Concen: 47.882 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

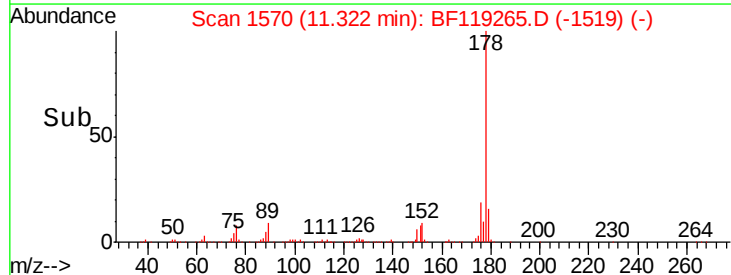
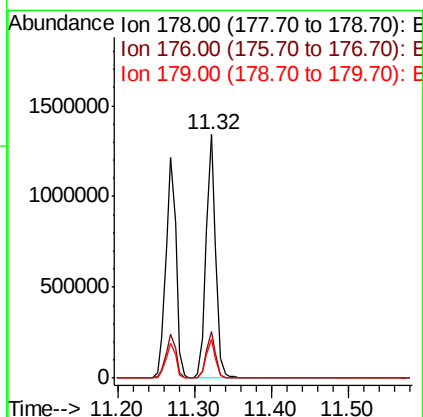
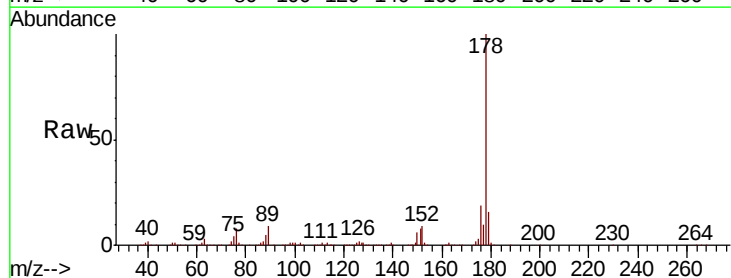
Instrument :
BNA_F
ClientSampleId :

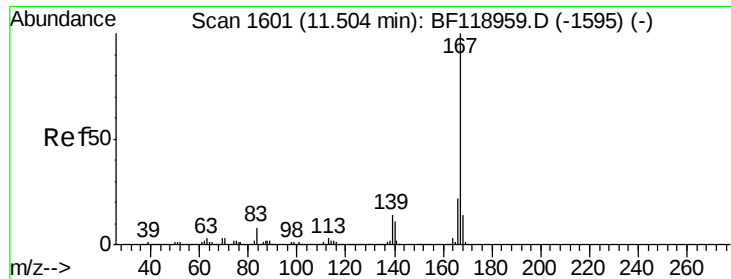
Tot Ion:178 Resp: 1133951
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.9 13.0 19.6



#72
Anthracene
Concen: 49.231 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion:178 Resp: 1164936
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.9 13.1 19.7





#73

Carbazole

Concen: 48.609 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

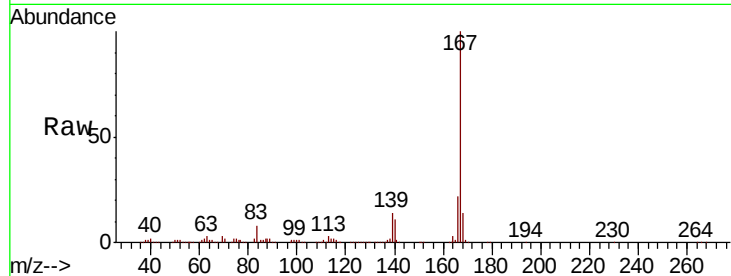
Tot Ion:167 Resp: 1024703

Ion Ratio Lower Upper

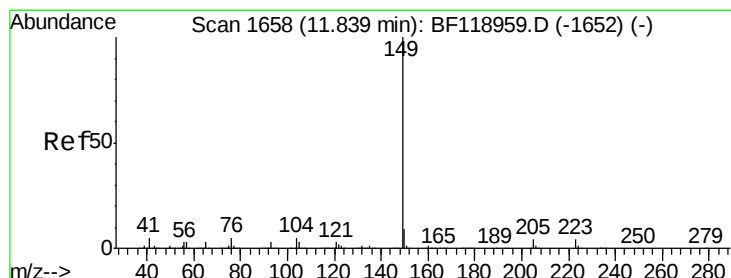
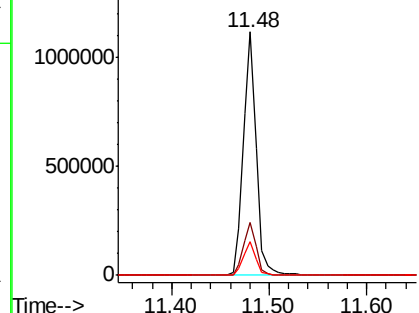
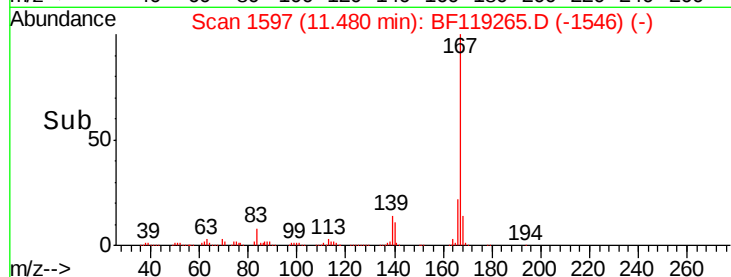
167 100

166 21.9 18.2 27.4

139 13.8 11.7 17.5



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: 48.914 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

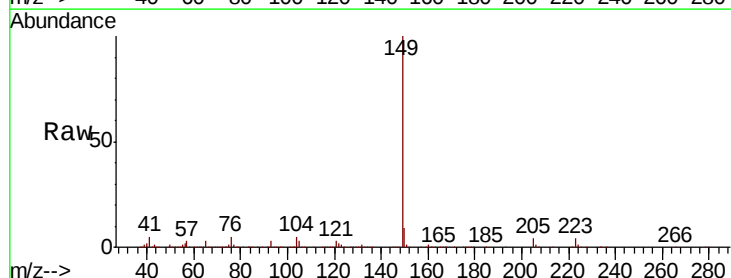
Tgt Ion:149 Resp: 1248693

Ion Ratio Lower Upper

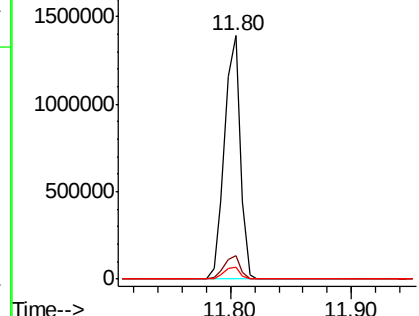
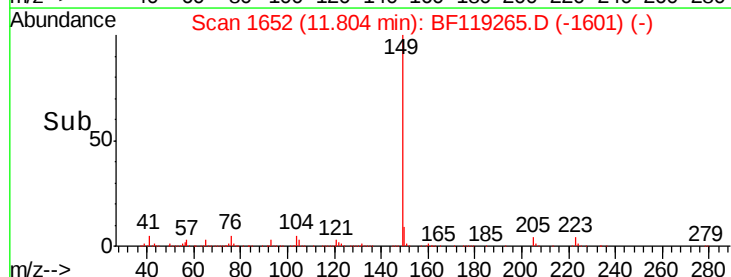
149 100

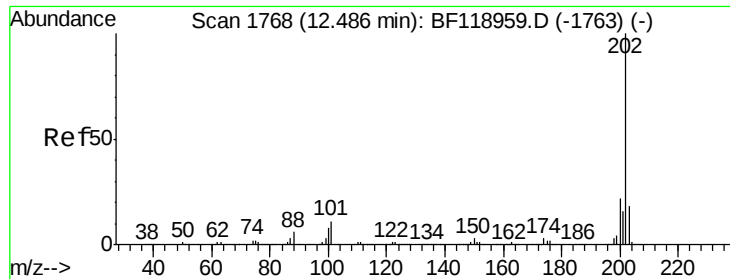
150 9.4 7.9 11.9

104 5.1 4.6 6.8



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

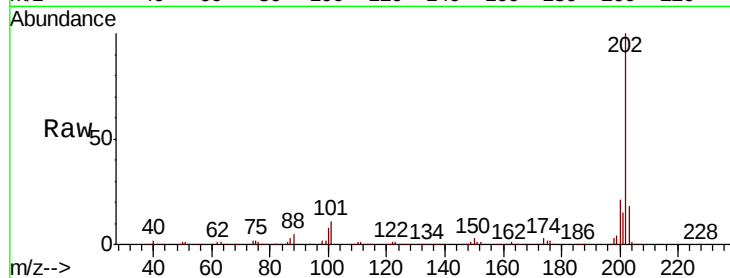




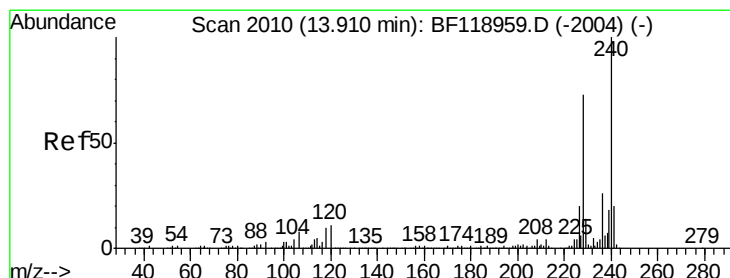
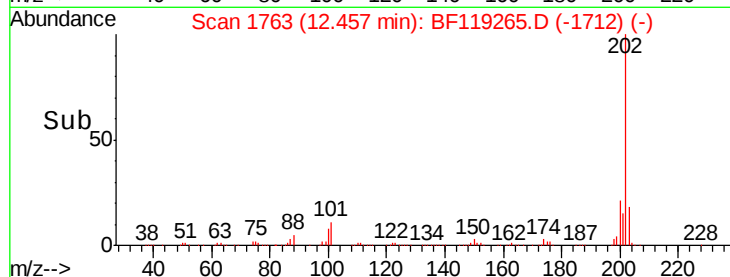
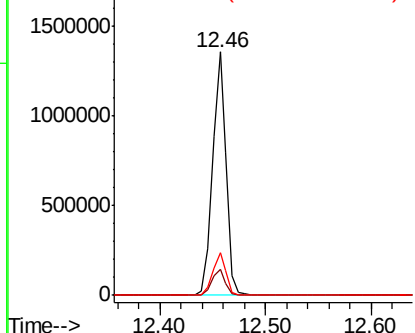
#75
 Fluoranthene
 Concen: 48.761 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1225749
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 30.3
 203 17.5 0.0 38.4

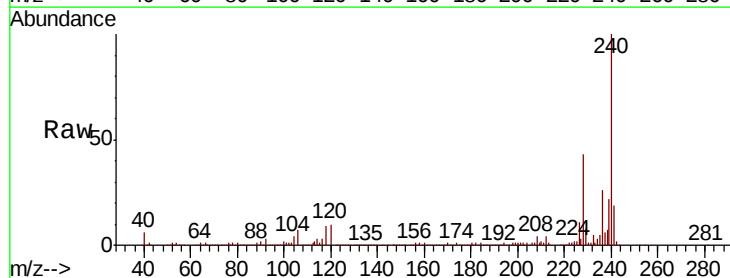


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

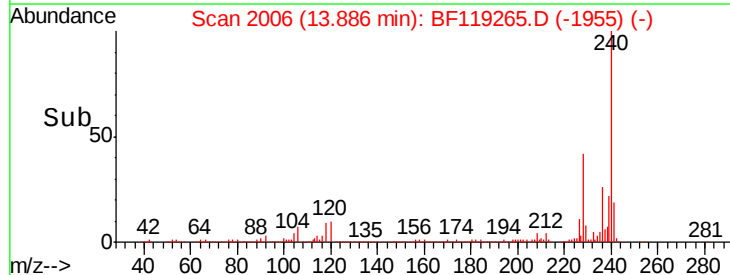
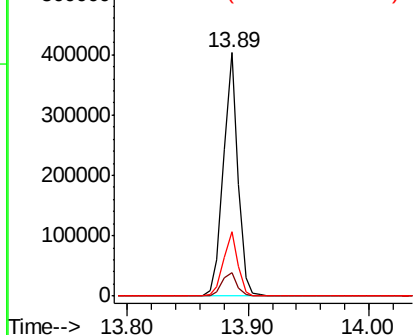


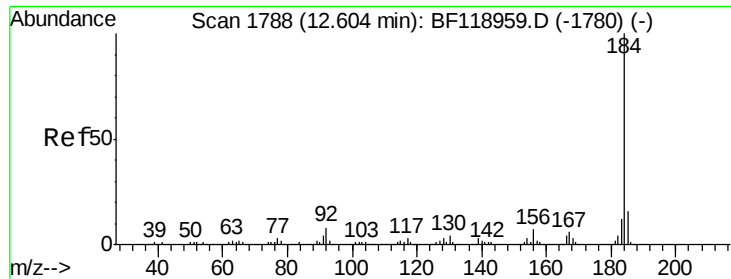
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion:240 Resp: 333995
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.4 12.6
 236 26.4 21.0 31.4



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: 8.667 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

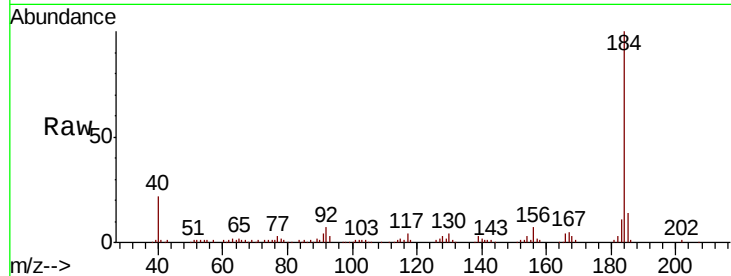
Tot Ion:184 Resp: 117727

Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.2	18.4
183	11.2	9.9	14.9

184 100

185 13.9 12.2 18.4

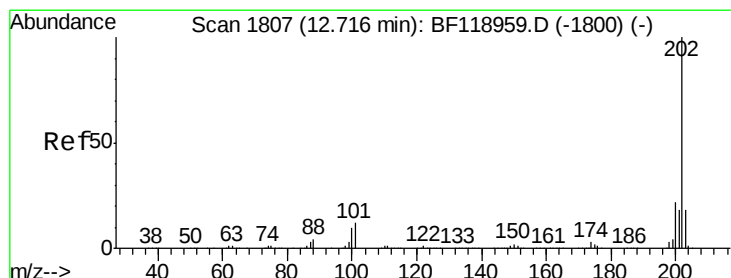
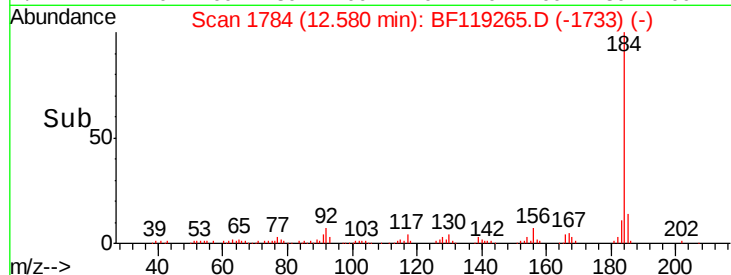
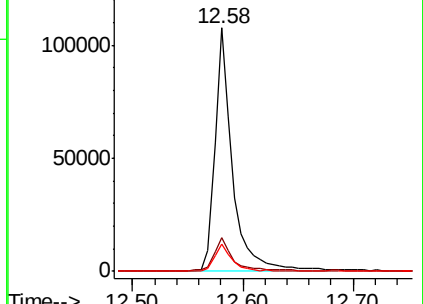
183 11.2 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.981 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

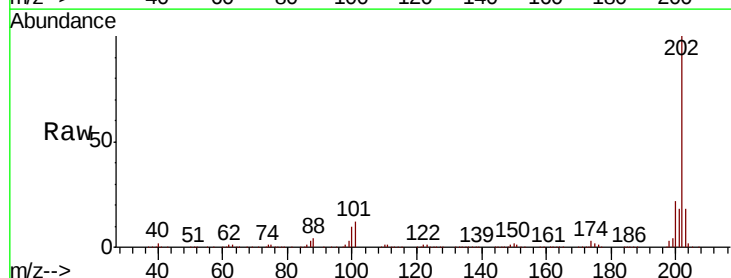
Tgt Ion:202 Resp: 1233195

Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.0	27.0
203	17.7	14.6	22.0

202 100

200 21.8 18.0 27.0

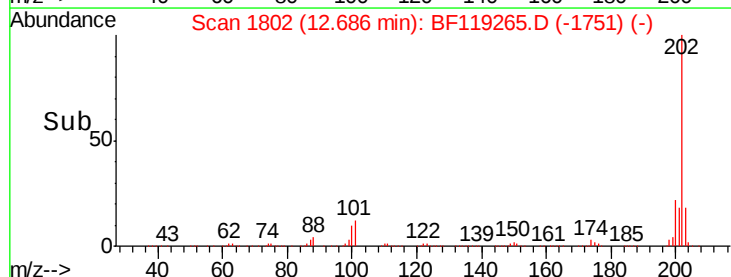
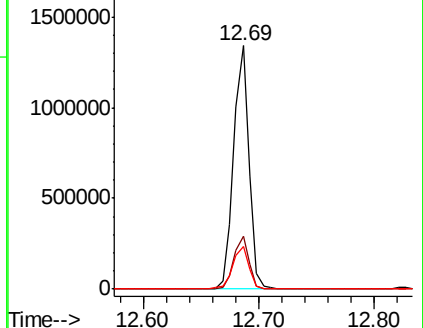
203 17.7 14.6 22.0



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

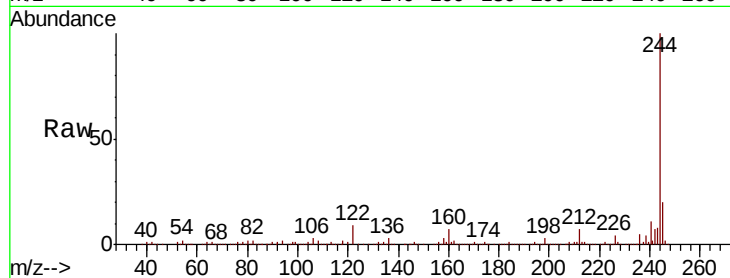




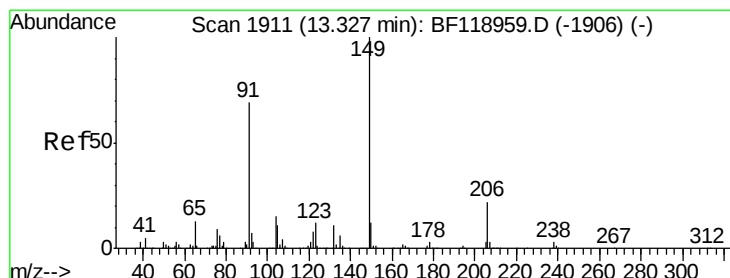
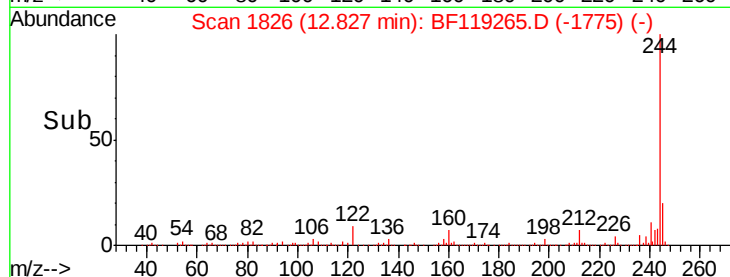
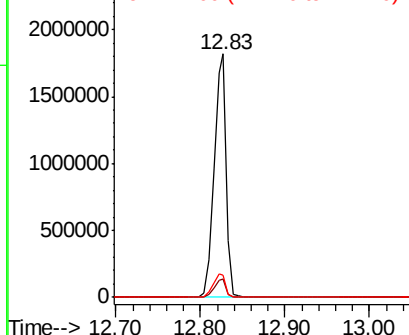
#79
 Terphenyl-d14
 Concen: 95.682 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1856176
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.6 10.0
 122 8.9 8.2 12.2

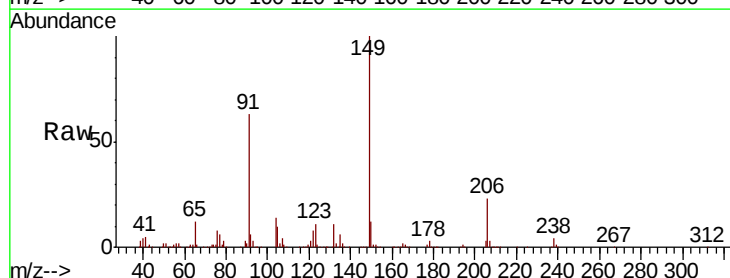


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

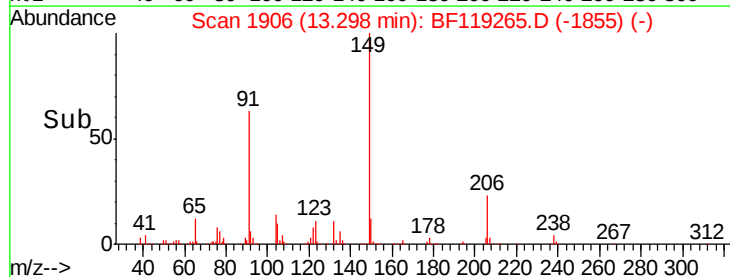
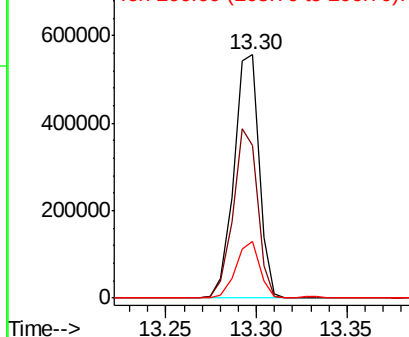


#80
 Butylbenzylphthalate
 Concen: 47.752 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion:149 Resp: 538997
 Ion Ratio Lower Upper
 149 100
 91 62.7 52.3 78.5
 206 23.4 18.5 27.7



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: 47.838 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

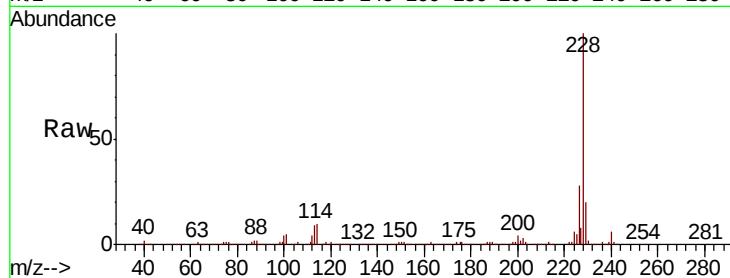
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1088662

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.1	16.6	24.8

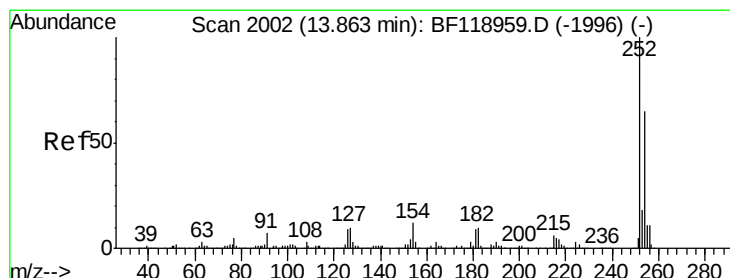
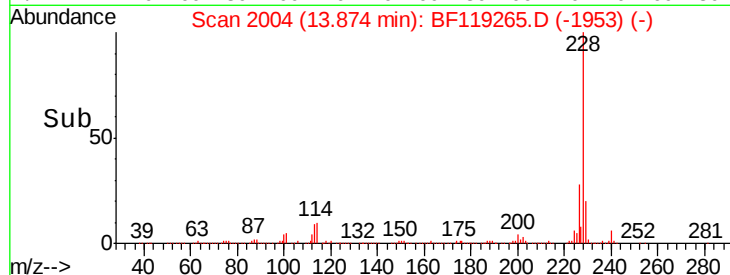
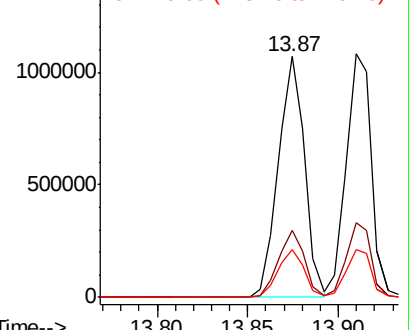


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.298 ng

RT: 13.83 min Scan# 1997

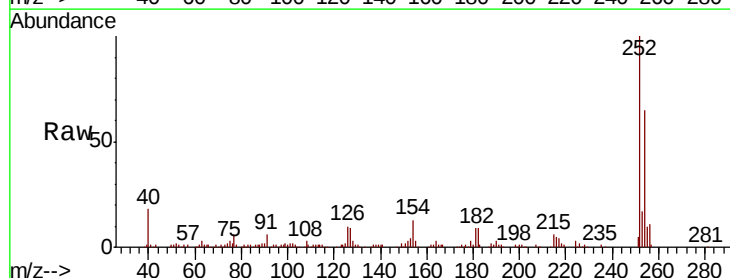
Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Tgt Ion:252 Resp: 135183

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.6	77.4
126	9.6	7.4	11.0

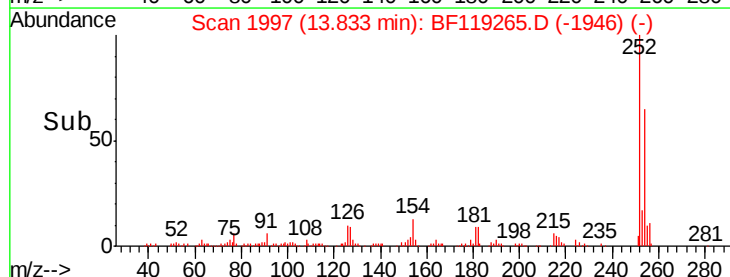
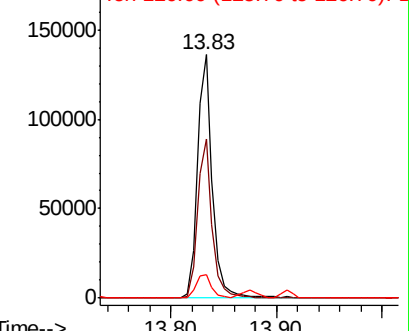


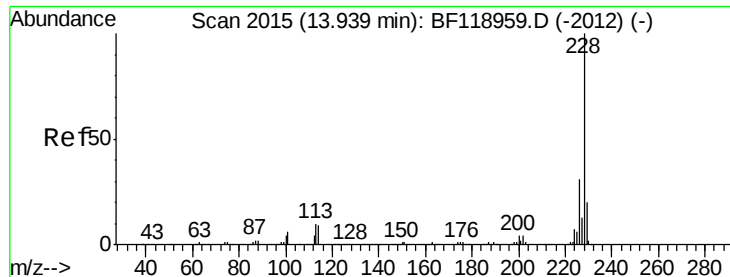
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

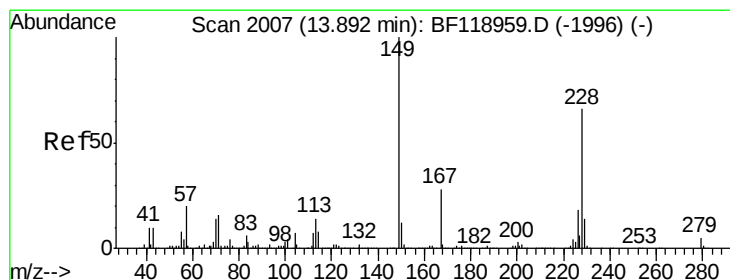
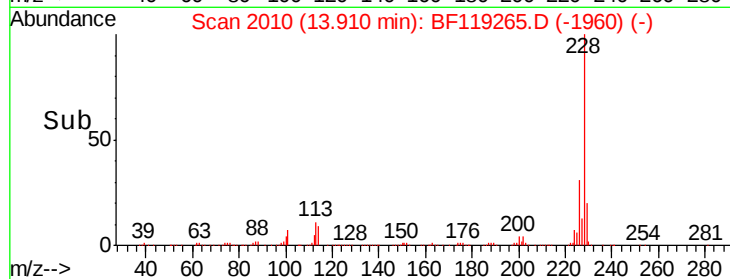
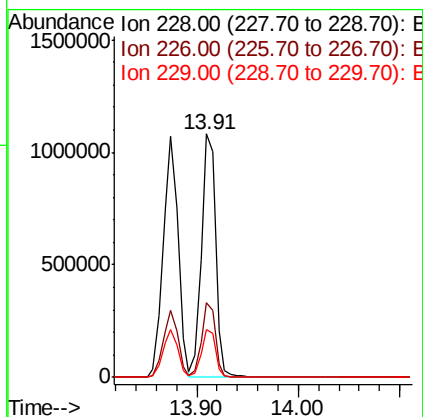
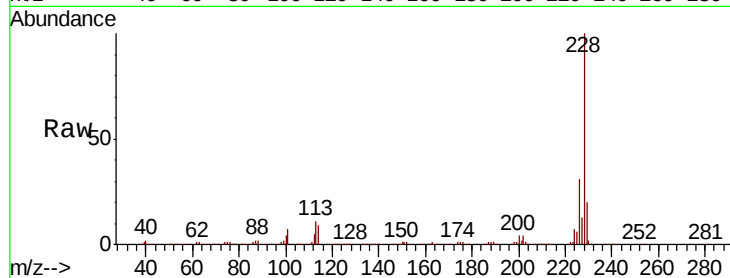




#83
 Chrvsene
 Concen: 46.376 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

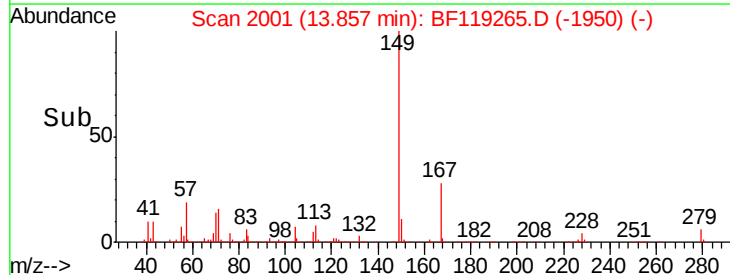
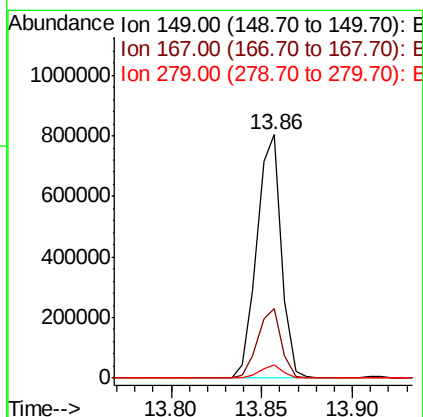
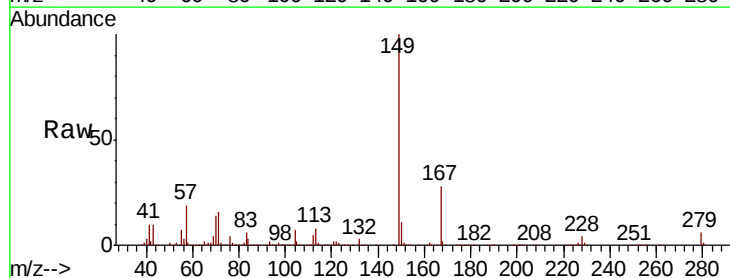
Instrument :
 BNA_F
 ClientSampled :

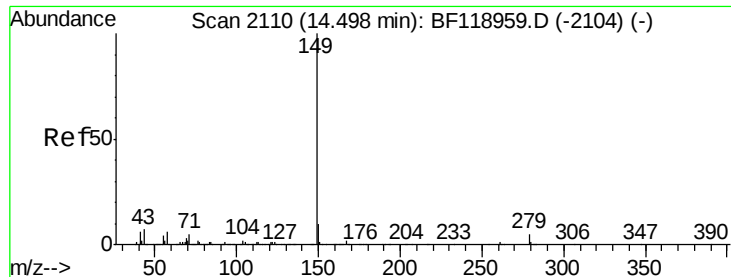
Tot Ion:228 Resp: 1051599
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.1 37.7
 229 19.7 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.071 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119265.D
 Acq: 6 Mar 2020 22:38

Tgt Ion:149 Resp: 756801
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.8 34.2
 279 5.6 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 53.633 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

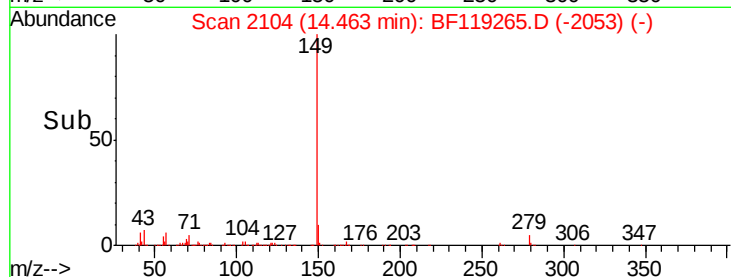
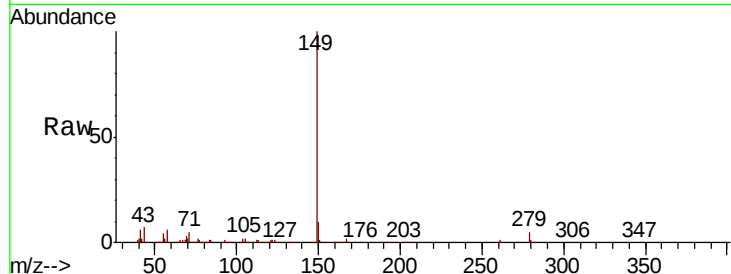
Tot Ion:149 Resp: 1218576

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

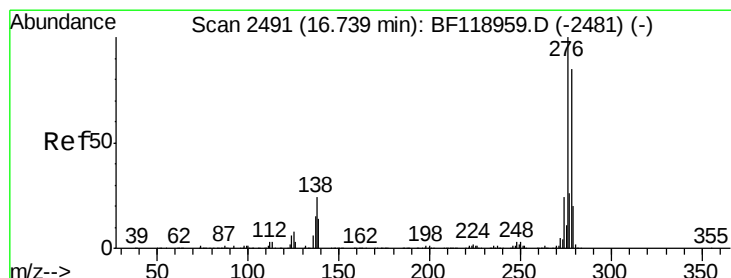
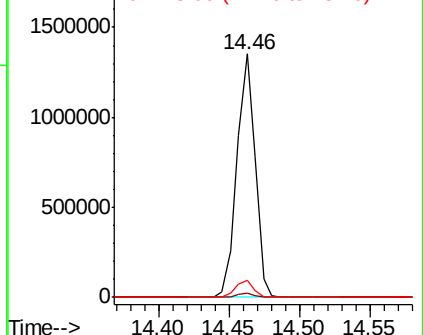
43 6.7 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.868 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

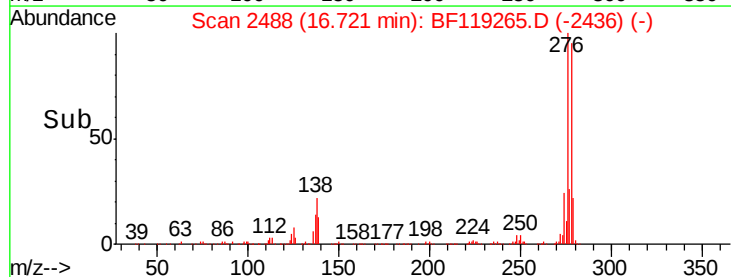
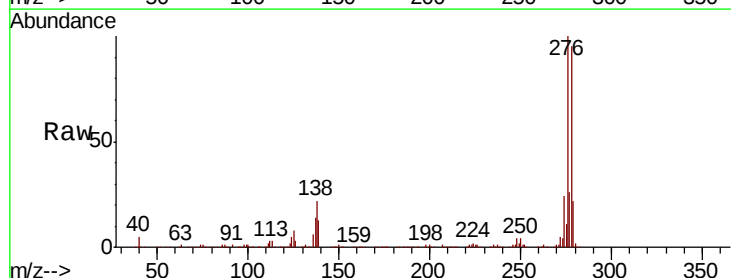
Tgt Ion:276 Resp: 1029054

Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

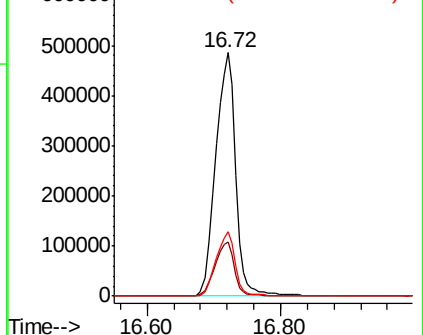
277 25.4 20.3 30.5

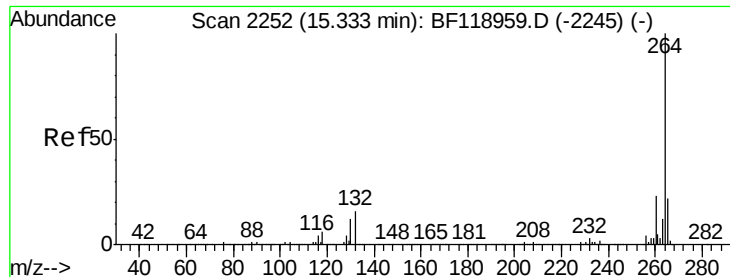


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

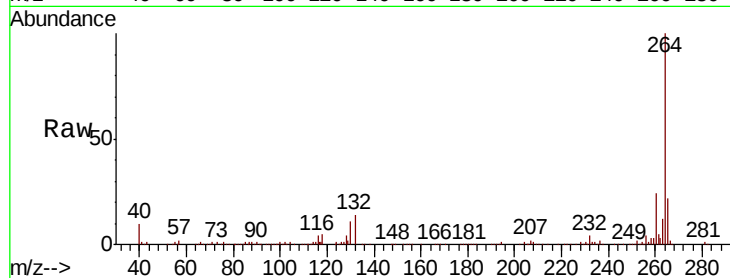




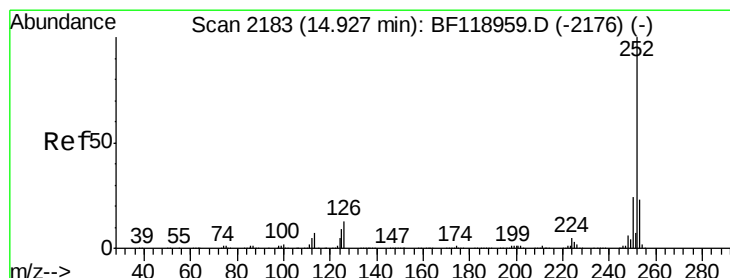
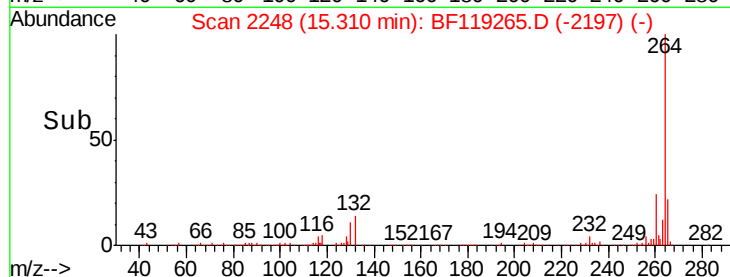
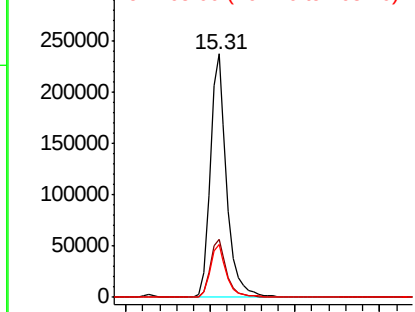
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 324690
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.5 17.7 26.5

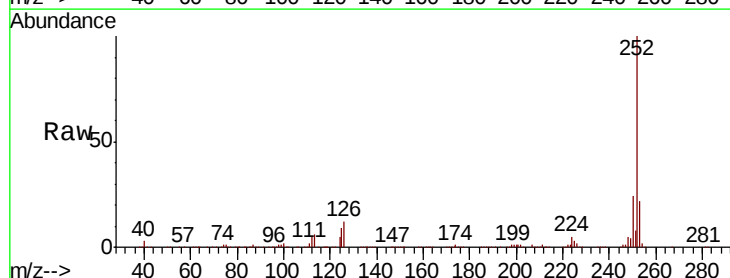


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

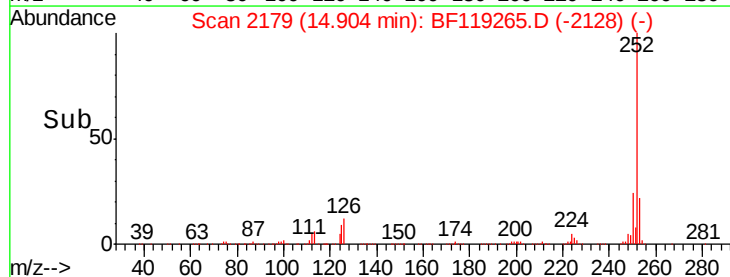
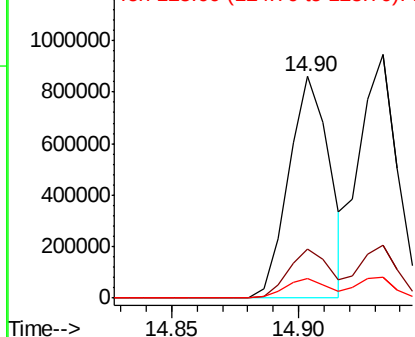


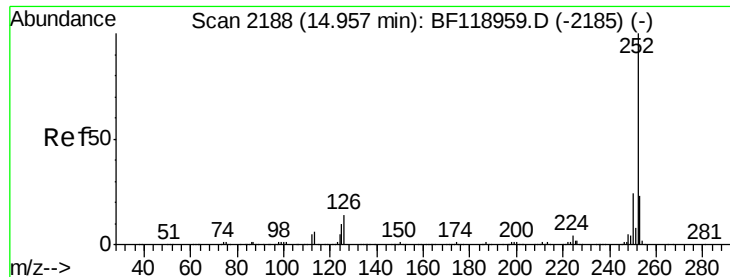
#88
Benzo(b)fluoranthene
Concen: 45.370 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion:252 Resp: 971003
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.1 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

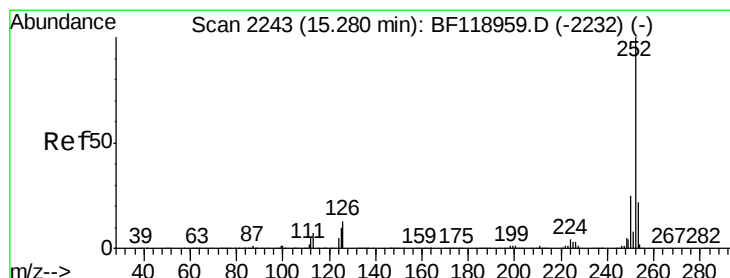
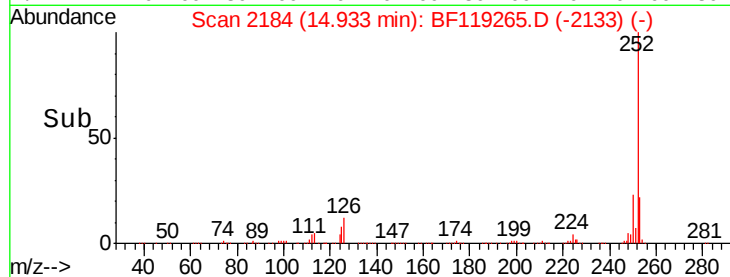
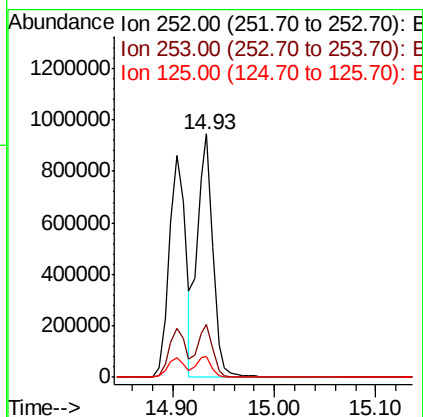
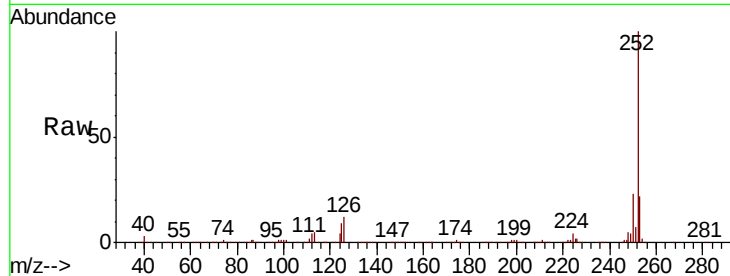




#89
Benzo(k)fluoranthene
Concen: 50.267 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

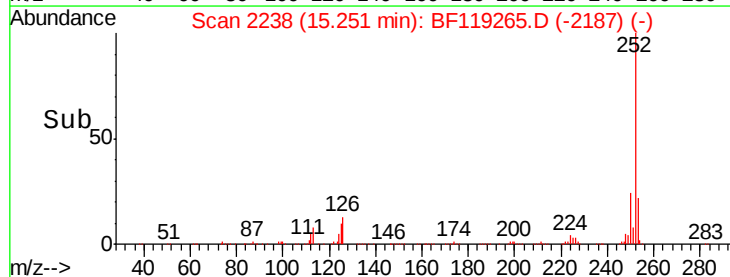
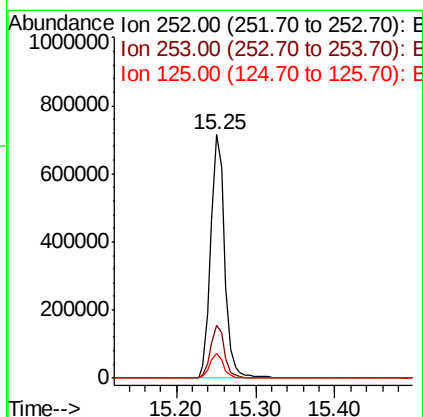
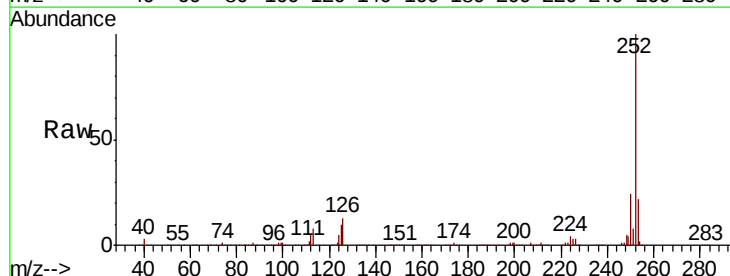
Instrument :
BNA_F
ClientSampleId :

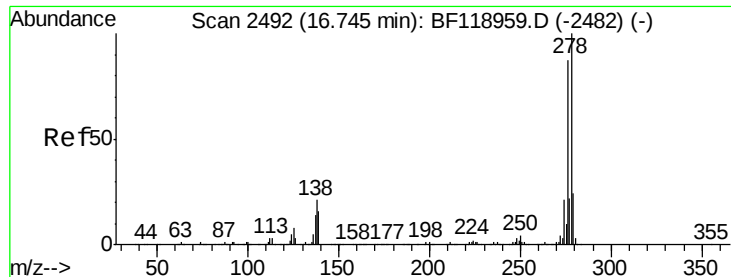
Tot Ion:252 Resp: 996968
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 44.987 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF119265.D
Acq: 6 Mar 2020 22:38

Tgt Ion:252 Resp: 868951
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.2 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 50.663 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

Instrument :

BNA_F

ClientSampleId :

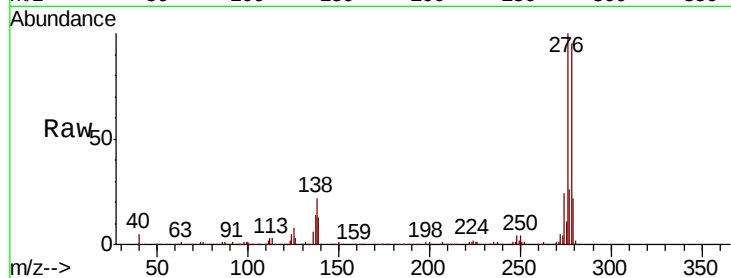
Tot Ion:278 Resp: 861051

Ion Ratio Lower Upper

278 100

139 13.7 11.0 16.4

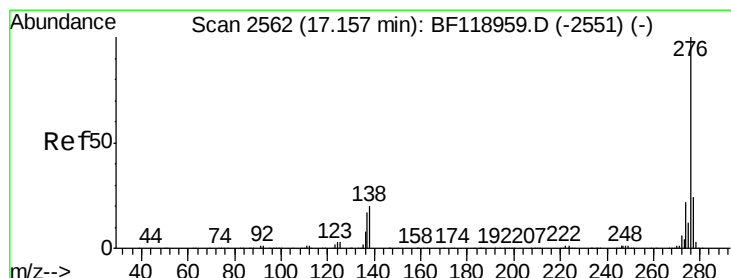
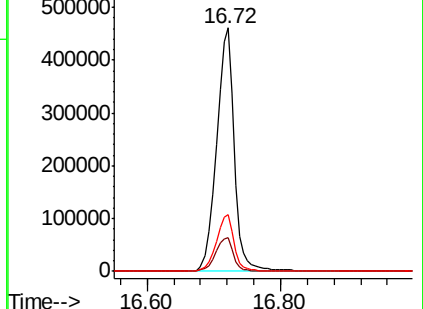
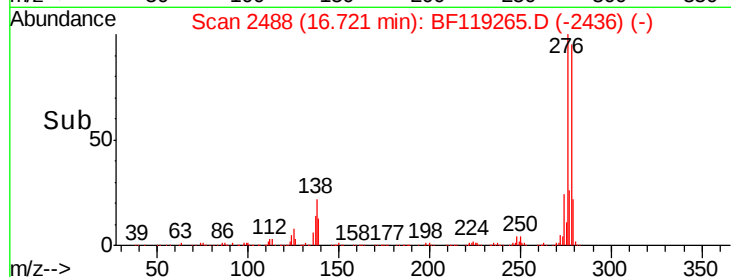
279 23.4 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.057 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF119265.D

Acq: 6 Mar 2020 22:38

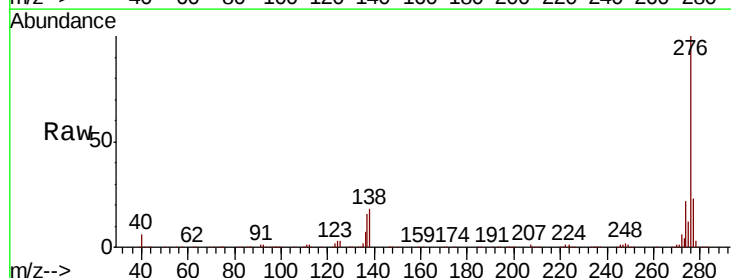
Tgt Ion:276 Resp: 874162

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 18.4 14.3 21.5



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

