

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF118990.D
 Acq On : 21 Feb 2020 13:44
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 15:01:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	161595	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	594087	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	331602	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	614645	20.00	ng	0.00
76) Chrysene-d12	13.91	240	464767	20.00	ng	0.00
87) Perylene-d12	15.33	264	459649	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	815503	84.34	ng	0.00
7) Phenol-d6	6.40	99	1002718	85.27	ng	0.00
23) Nitrobenzene-d5	7.32	82	936752	83.25	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	366345	84.45	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1830058	81.30	ng	0.00
79) Terphenyl-d14	12.86	244	2183189	80.87	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.44	88	173676	40.341	ng	99
3) Pyridine	3.17	79	481584	40.959	ng	99
4) n-Nitrosodimethylamine	3.11	42	146929	41.252	ng	96
6) Aniline	6.42	93	607365	41.856	ng	92
8) 2-Chlorophenol	6.55	128	444942	42.638	ng	99
9) Benzaldehyde	6.30	77	326318	41.532	ng	100
10) Phenol	6.41	94	534477	42.037	ng	93
11) bis(2-Chloroethyl)ether	6.49	93	406974	41.833	ng	100
12) 1,3-Dichlorobenzene	6.70	146	526065	42.061	ng	100
13) 1,4-Dichlorobenzene	6.77	146	535068	42.751	ng	99
14) 1,2-Dichlorobenzene	6.93	146	494343	43.308	ng	99
15) Benzyl Alcohol	6.90	79	379801	44.686	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	358650	42.558	ng	97
17) 2-Methylphenol	7.02	107	362503	42.847	ng	98
18) Hexachloroethane	7.27	117	189087	42.228	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	295237	43.084	ng	98
20) 3+4-Methylphenols	7.17	107	439385	42.390	ng	# 77
22) Acetophenone	7.17	105	581372	42.295	ng	99
24) Nitrobenzene	7.34	77	463210	41.630	ng	100
25) Isophorone	7.58	82	818625	41.893	ng	100
26) 2-Nitrophenol	7.66	139	249328	42.291	ng	99
27) 2,4-Dimethylphenol	7.70	122	331866	41.477	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	527879	41.503	ng	100
29) 2,4-Dichlorophenol	7.90	162	395573	41.996	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	458338	41.040	ng	98
31) Naphthalene	8.06	128	1295306	42.041	ng	99
32) Benzoic acid	7.84	122	254780	44.247	ng	95
33) 4-Chloroaniline	8.11	127	555795	41.941	ng	99
34) Hexachlorobutadiene	8.18	225	286500	41.184	ng	99
35) Caprolactam	8.49	113	124054	42.772	ng	98
36) 4-Chloro-3-methylphenol	8.60	107	404757	42.459	ng	98
37) 2-Methylnaphthalene	8.75	142	877351	42.314	ng	99
38) 1-Methylnaphthalene	8.85	142	823585	42.236	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	459153	41.068	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
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 Misc :
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Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 15:01:53 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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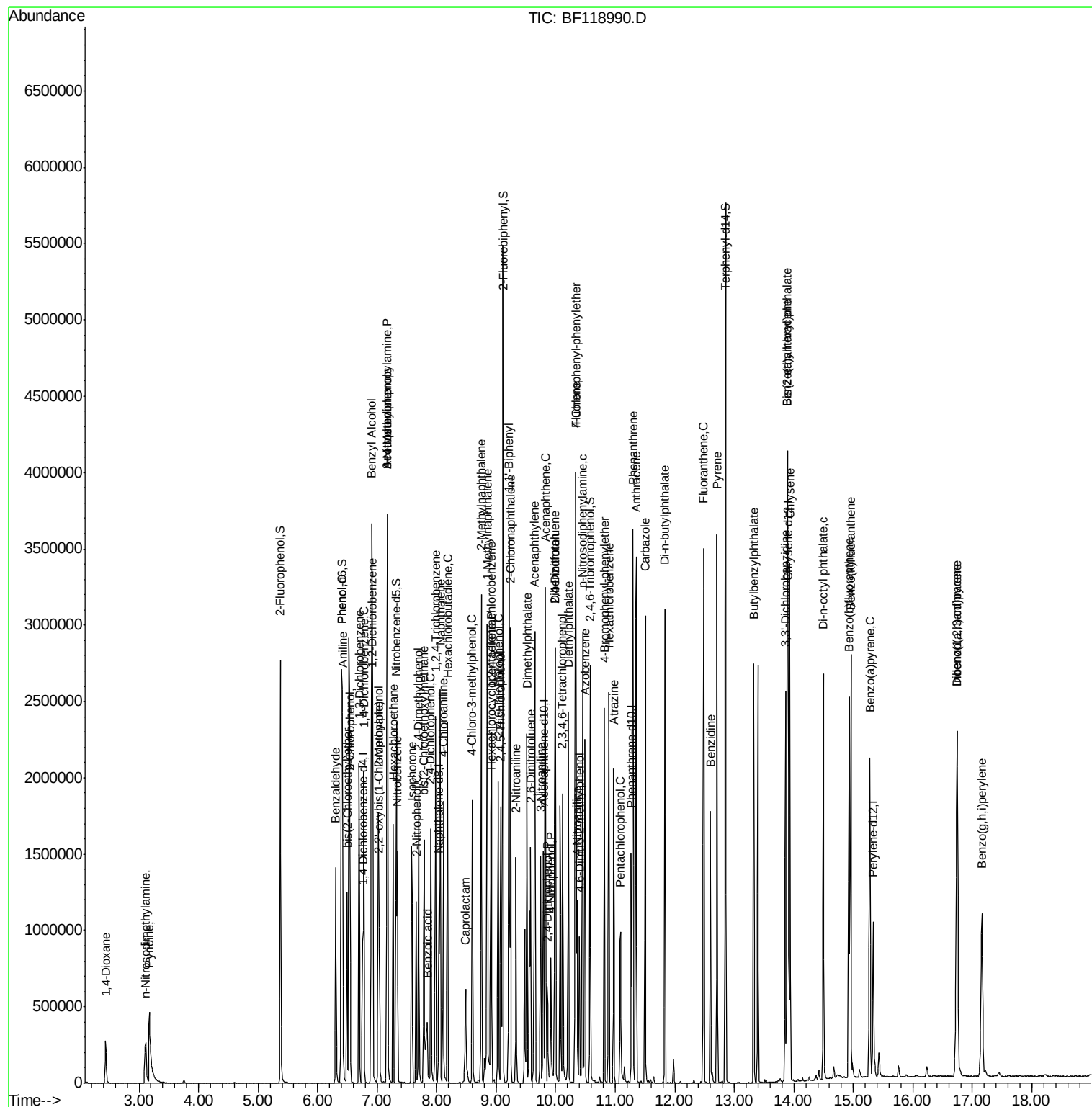
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	161877	44.501	ng	96
43) 2,4,6-Trichlorophenol	9.03	196	298196	42.236	ng	100
44) 2,4,5-Trichlorophenol	9.07	196	307821	41.548	ng	94
46) 1,1'-Biphenyl	9.22	154	1113248	41.539	ng	99
47) 2-Chloronaphthalene	9.24	162	901926	41.762	ng	99
48) 2-Nitroaniline	9.33	65	257872	42.809	ng	97
49) Acenaphthylene	9.65	152	1313273	42.102	ng	100
50) Dimethylphthalate	9.52	163	1063530	41.942	ng	100
51) 2,6-Dinitrotoluene	9.58	165	238308	42.301	ng	89
52) Acenaphthene	9.83	154	790039	42.004	ng	99
53) 3-Nitroaniline	9.75	138	267877	42.891	ng	95
54) 2,4-Dinitrophenol	9.86	184	108636	43.444	ng	# 90
55) Dibenzofuran	10.00	168	1183393	42.153	ng	98
56) 4-Nitrophenol	9.92	139	157501	41.973	ng	97
57) 2,4-Dinitrotoluene	9.99	165	315578	43.217	ng	97
58) Fluorene	10.34	166	928375	42.557	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	256953	41.103	ng	98
60) Diethylphthalate	10.21	149	1022213	42.778	ng	100
61) 4-Chlorophenyl-phenylether	10.33	204	487675	42.234	ng	98
62) 4-Nitroaniline	10.36	138	272610	42.663	ng	97
63) Azobenzene	10.49	77	879142	42.326	ng	95
65) 4,6-Dinitro-2-methylphenol	10.40	198	165744	44.563	ng	97
66) n-Nitrosodiphenylamine	10.45	169	846368	42.054	ng	98
67) 4-Bromophenyl-phenylether	10.82	248	335406	41.747	ng	99
68) Hexachlorobenzene	10.89	284	383747	41.428	ng	96
69) Atrazine	10.97	200	259628	36.922	ng	99
70) Pentachlorophenol	11.09	266	157753	42.278	ng	99
71) Phenanthrene	11.30	178	1415323	42.224	ng	100
72) Anthracene	11.35	178	1411084	42.132	ng	99
73) Carbazole	11.50	167	1269741	42.556	ng	99
74) Di-n-butylphthalate	11.83	149	1573944	43.560	ng	99
75) Fluoranthene	12.49	202	1521014	42.749	ng	98
77) Benzidine	12.60	184	717036	37.935	ng	99
78) Pyrene	12.71	202	1514738	40.588	ng	99
80) Butylbenzylphthalate	13.33	149	678867	43.221	ng	93
81) Benzo(a)anthracene	13.90	228	1328581	41.954	ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	535375	43.538	ng	99
83) Chrysene	13.94	228	1309849	41.511	ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	872735	43.981	ng	99
85) Di-n-octyl phthalate	14.50	149	1431517	45.277	ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1172776	38.385	ng	98
88) Benzo(b)fluoranthene	14.93	252	1303453	43.022	ng	99
89) Benzo(k)fluoranthene	14.96	252	1228493	43.754	ng	99
90) Benzo(a)pyrene	15.27	252	1144590	41.858	ng	99
91) Dibenzo(a,h)anthracene	16.75	278	964241	40.077	ng	98
92) Benzo(g,h,i)perylene	17.16	276	934147	39.296	ng	96

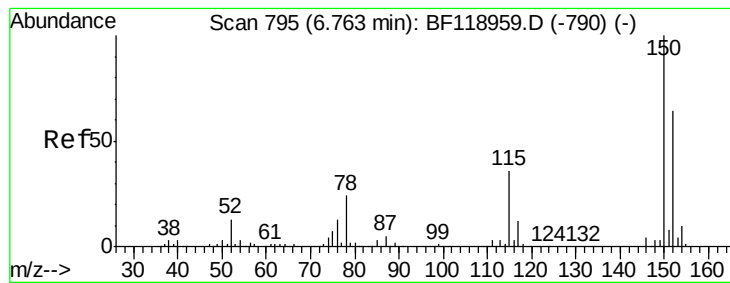
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

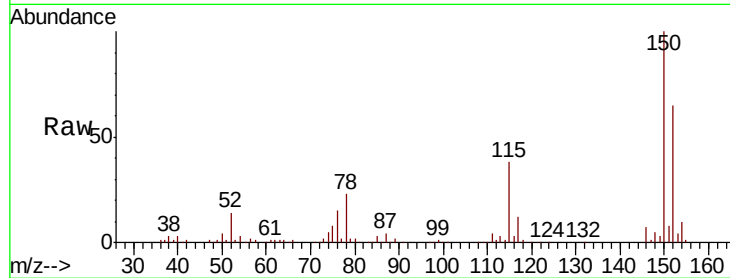
Tot Ion:152 Resp: 161595

Ion Ratio Lower Upper

152 100

150 154.4 124.3 186.5

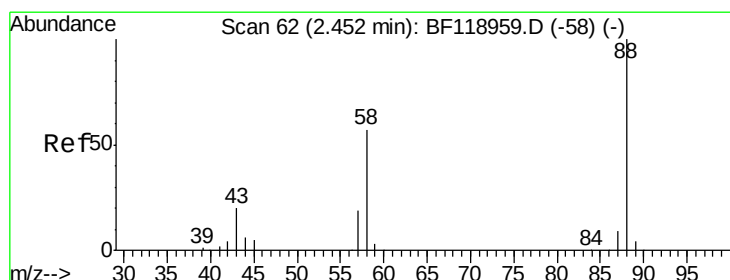
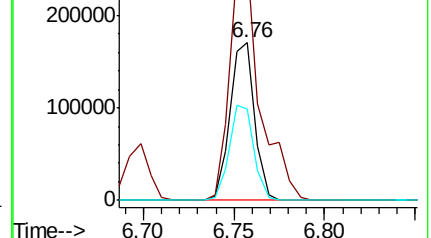
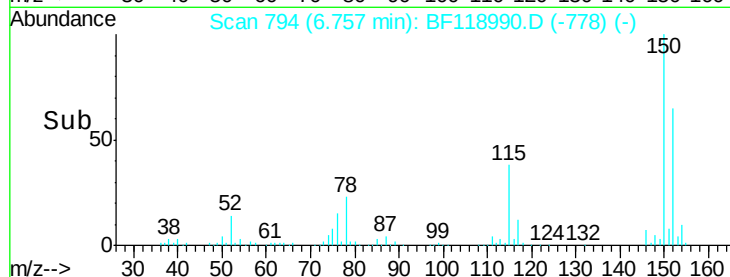
115 58.2 44.6 67.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.341 ng

RT: 2.44 min Scan# 60

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

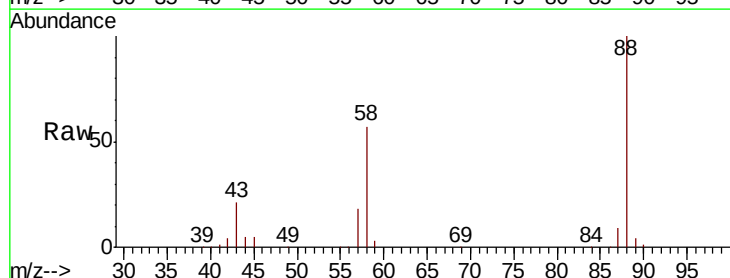
Tgt Ion: 88 Resp: 173676

Ion Ratio Lower Upper

88 100

58 55.4 44.6 66.8

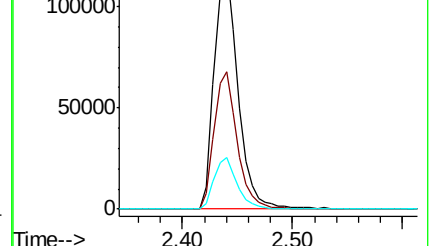
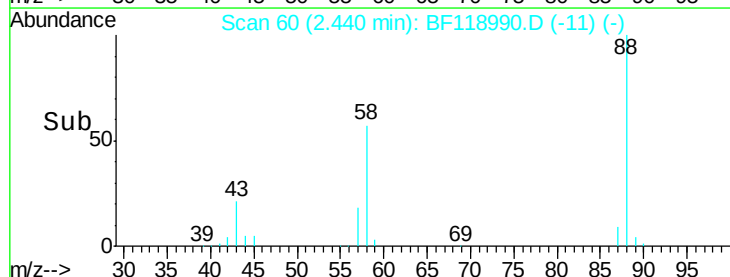
43 20.5 16.0 24.0

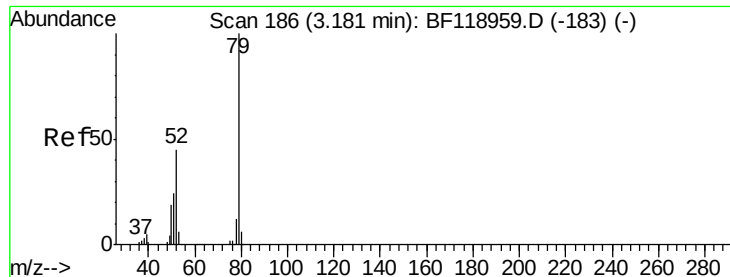


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.959 ng

RT: 3.17 min Scan# 184

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

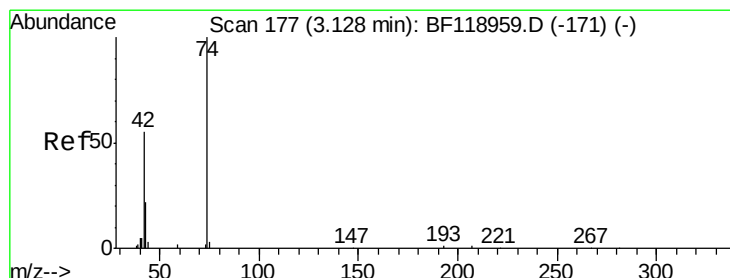
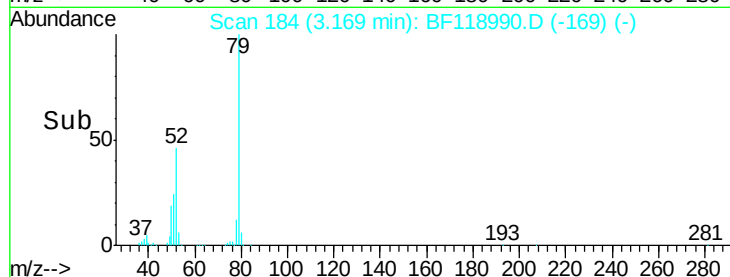
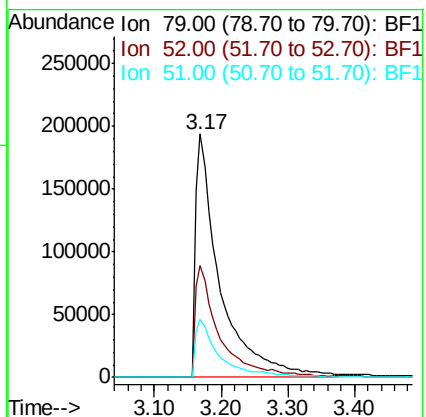
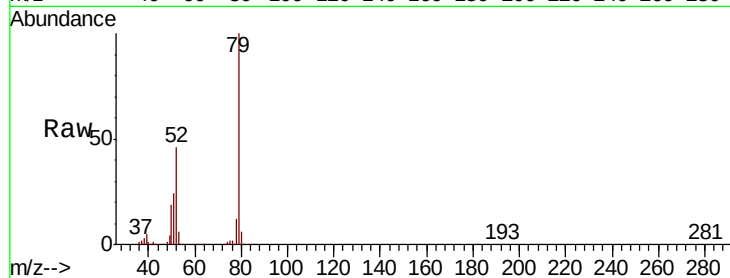
Tot Ion: 79 Resp: 481584

Ion Ratio Lower Upper

79 100

52 45.7 36.3 54.5

51 24.0 19.5 29.3



#4

n-Nitrosodimethylamine

Concen: 41.252 ng

RT: 3.11 min Scan# 174

Delta R.T. -0.02 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

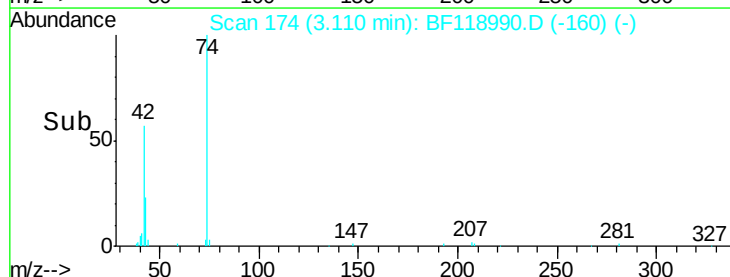
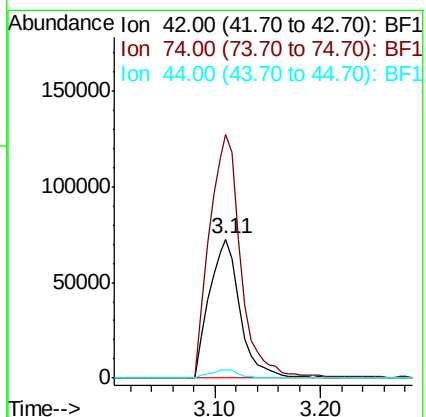
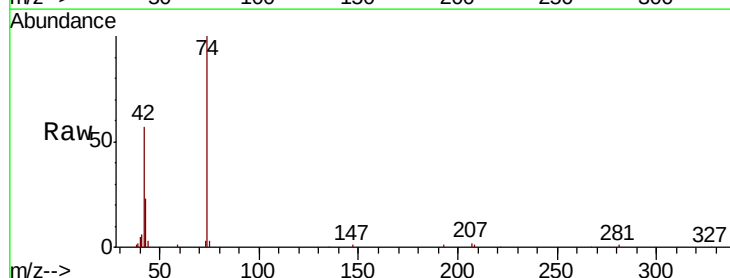
Tgt Ion: 42 Resp: 146929

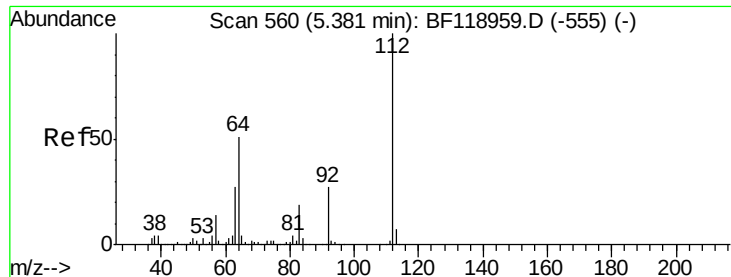
Ion Ratio Lower Upper

42 100

74 175.2 144.4 216.6

44 5.5 4.5 6.7





#5

2-Fluorophenol

Concen: 84.337 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampled :

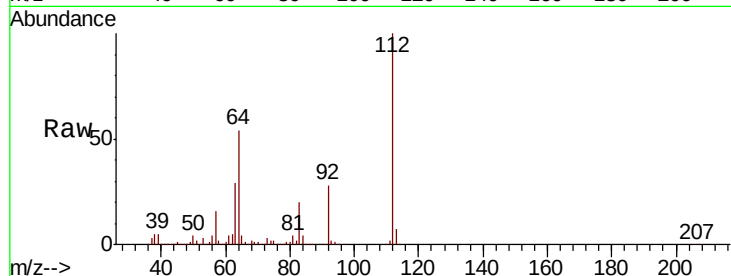
Tot Ion:112 Resp: 815503

Ion Ratio Lower Upper

112 100

64 54.0 40.4 60.6

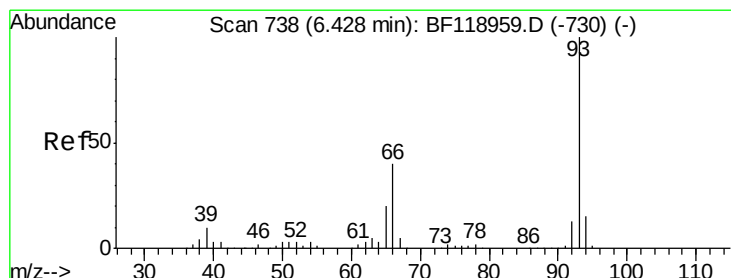
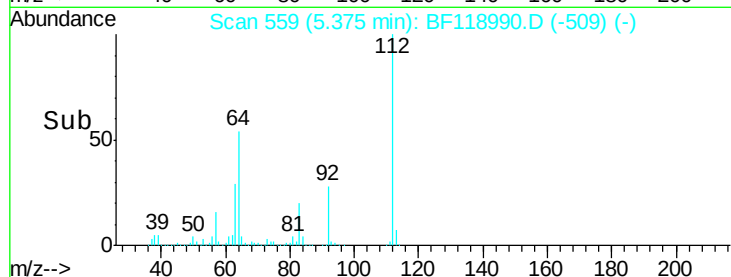
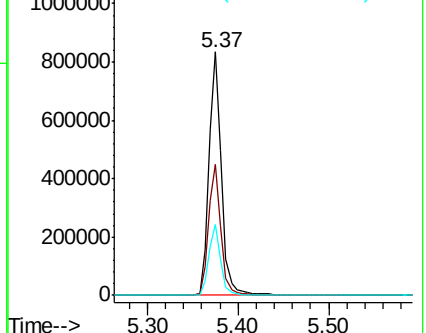
63 28.9 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.856 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

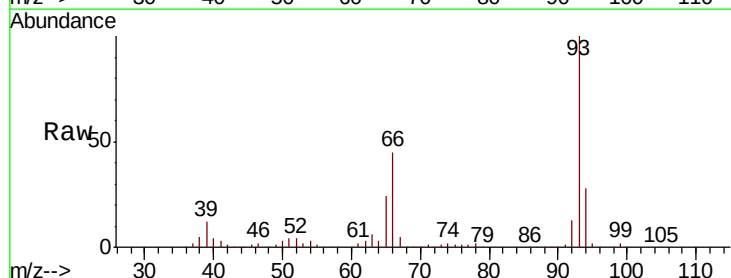
Tgt Ion: 93 Resp: 607365

Ion Ratio Lower Upper

93 100

66 45.0 32.2 48.2

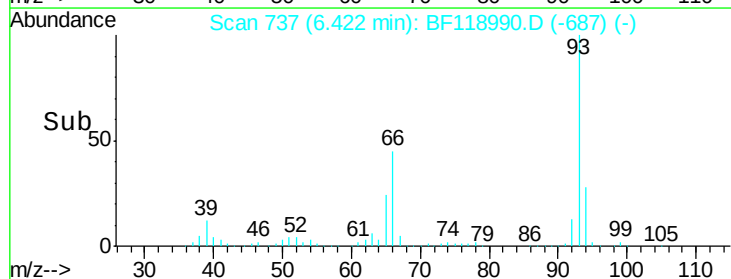
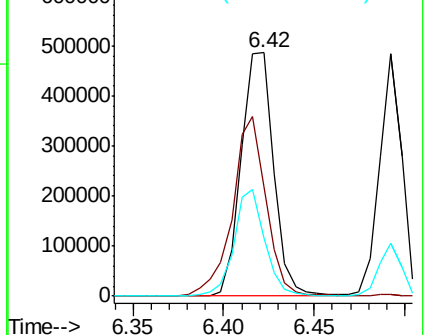
65 23.7 16.1 24.1

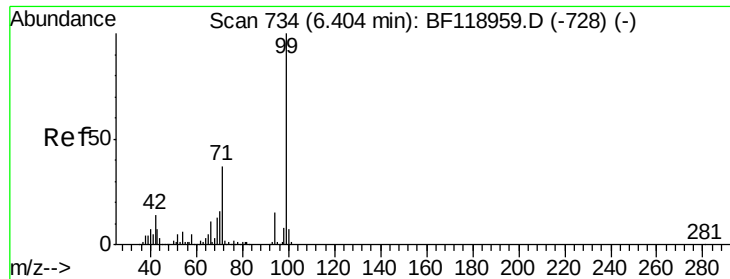


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.266 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampled :

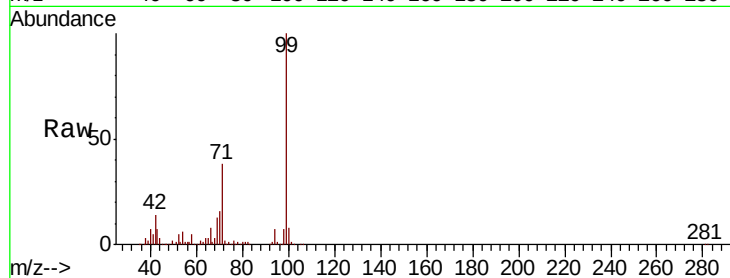
Tot Ion: 99 Resp: 1002718

Ion Ratio Lower Upper

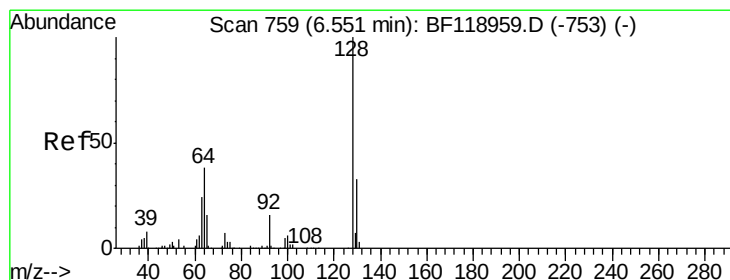
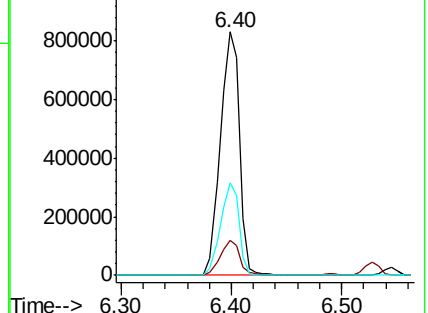
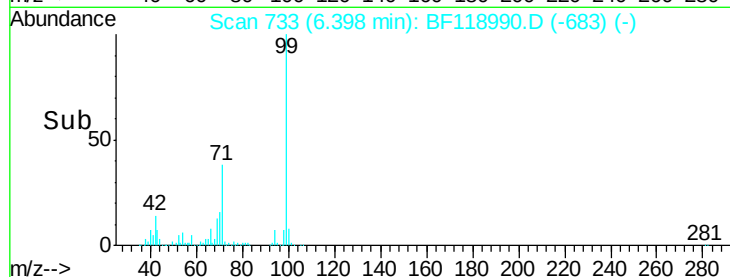
99 100

42 14.5 11.4 17.0

71 38.1 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.638 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

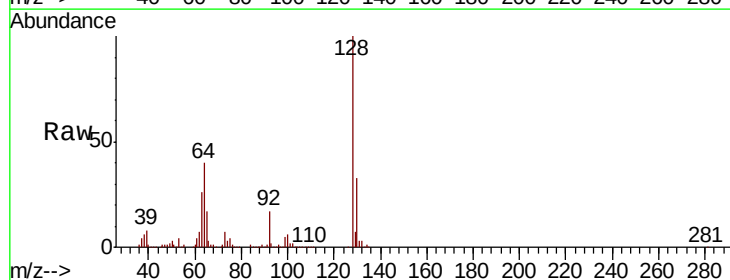
Tgt Ion: 128 Resp: 444942

Ion Ratio Lower Upper

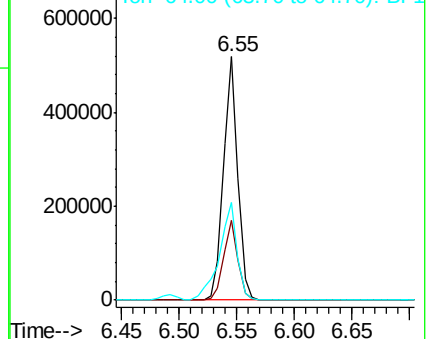
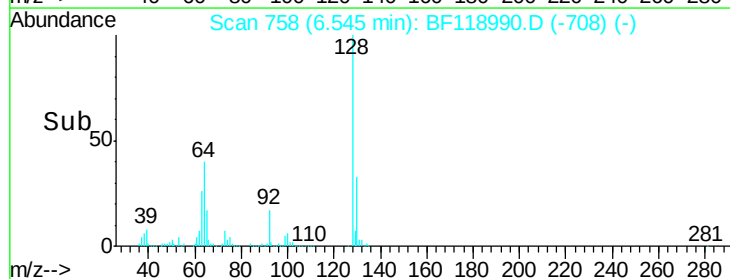
128 100

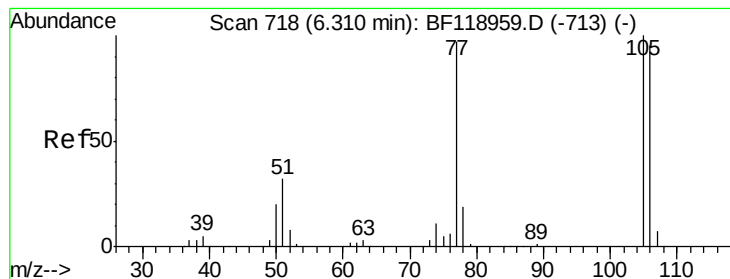
130 32.8 12.7 52.7

64 39.9 18.7 58.7



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





#9

Benzaldehyde

Concen: 41.532 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

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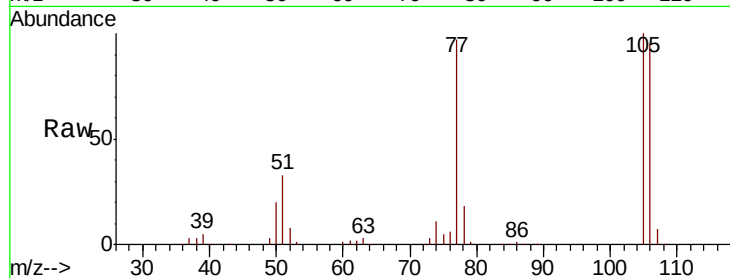
Tot Ion: 77 Resp: 326318

Ion Ratio Lower Upper

77 100

105 103.0 83.0 123.0

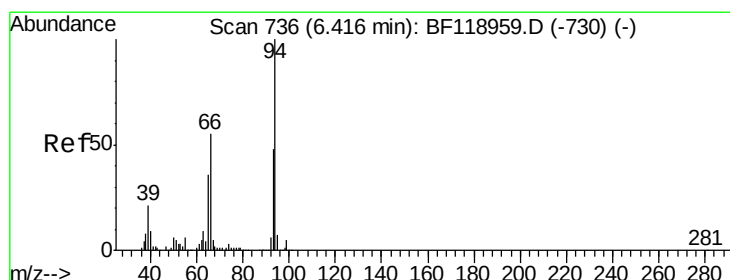
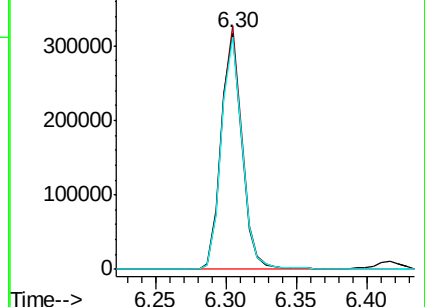
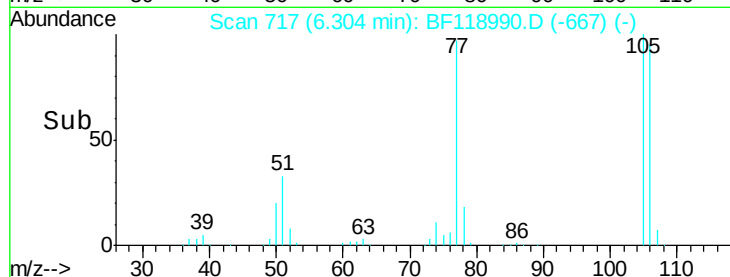
106 98.2 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.037 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

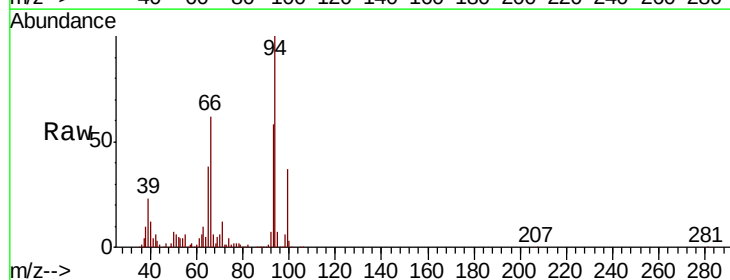
Tgt Ion: 94 Resp: 534477

Ion Ratio Lower Upper

94 100

65 38.2 15.5 55.5

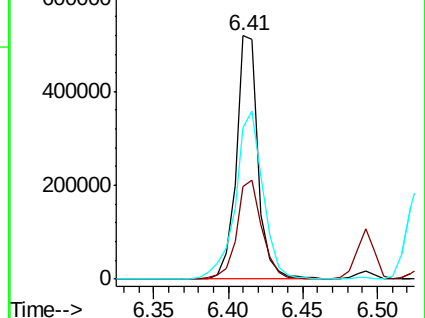
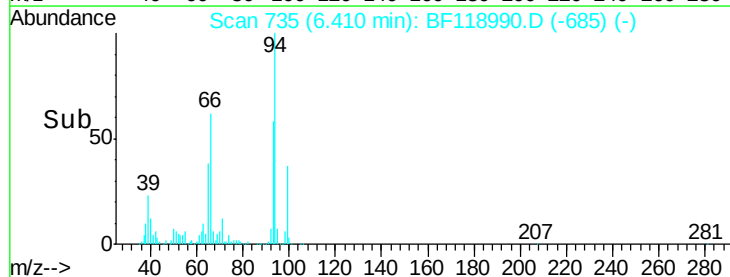
66 62.0 35.6 75.6

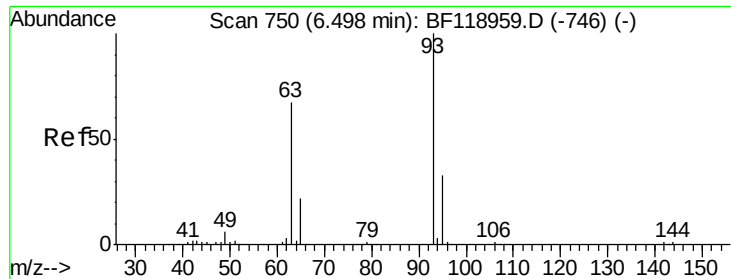


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.833 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

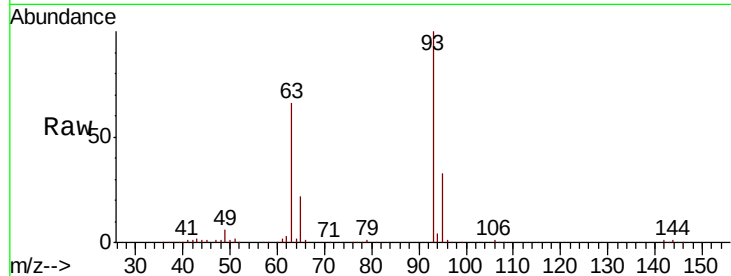
Tot Ion: 93 Resp: 406974

Ion Ratio Lower Upper

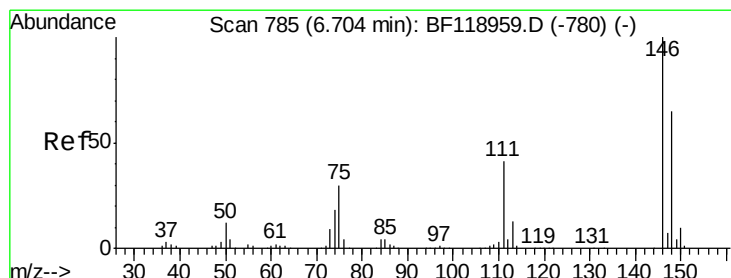
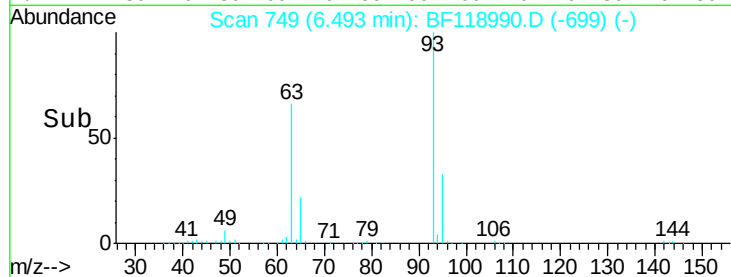
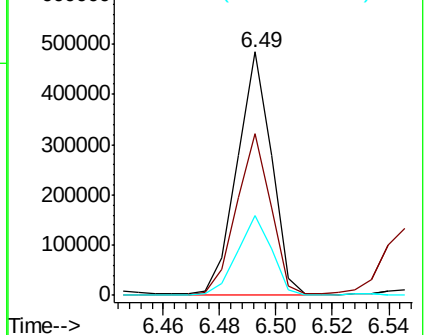
93 100

63 66.4 46.8 86.8

95 32.8 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 42.061 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

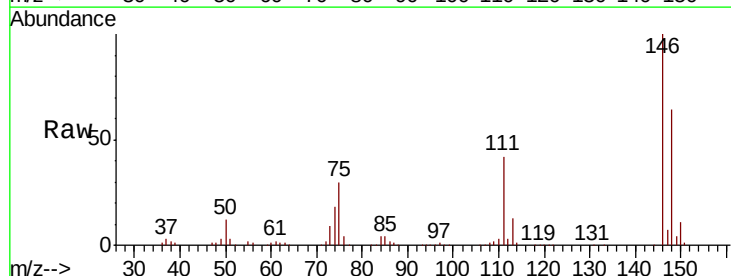
Tgt Ion: 146 Resp: 526065

Ion Ratio Lower Upper

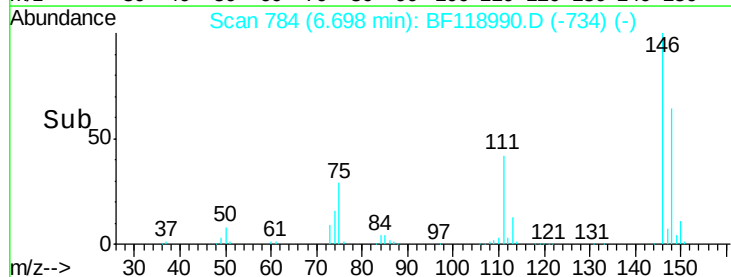
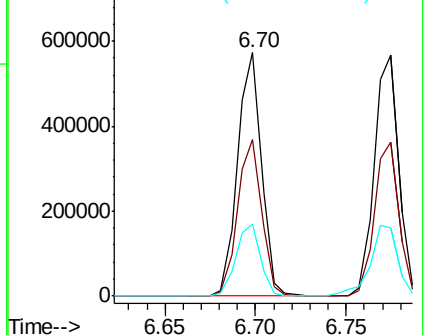
146 100

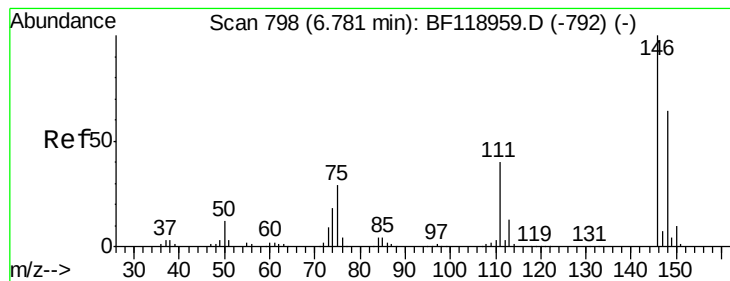
148 64.5 51.7 77.5

75 29.5 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: 42.751 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

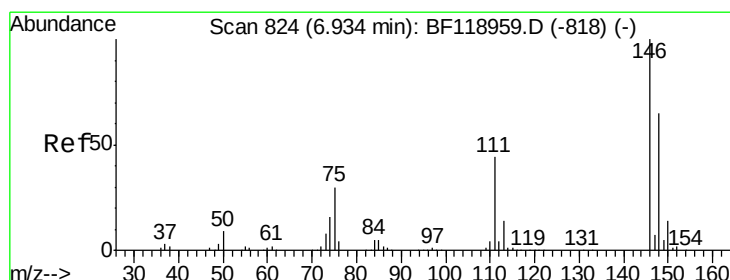
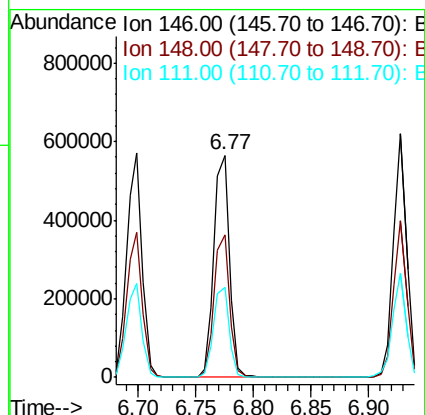
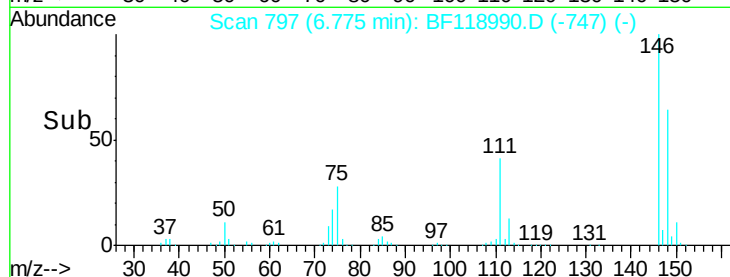
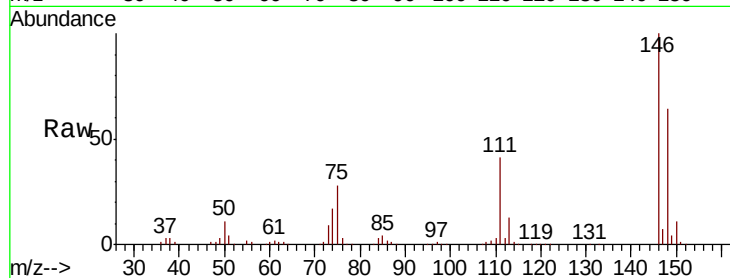
Tot Ion:146 Resp: 535068

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 40.8 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 43.308 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

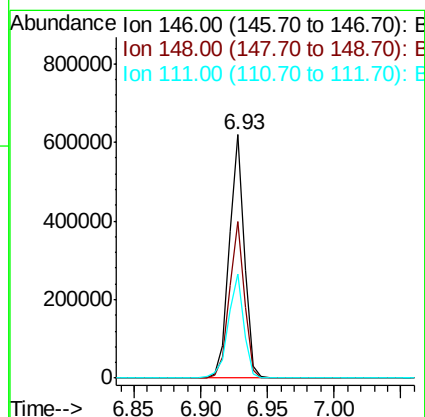
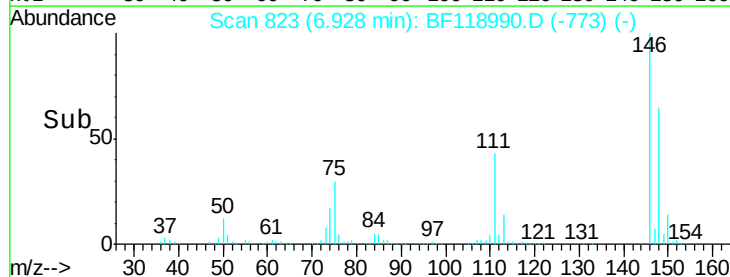
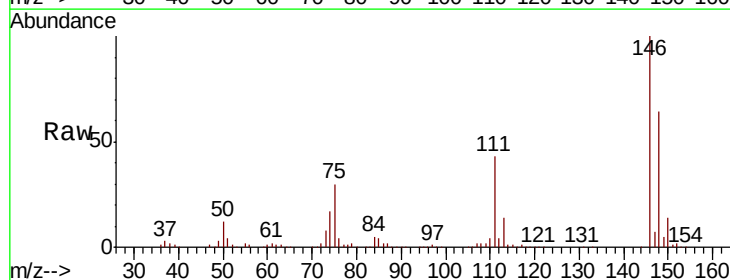
Tgt Ion:146 Resp: 494343

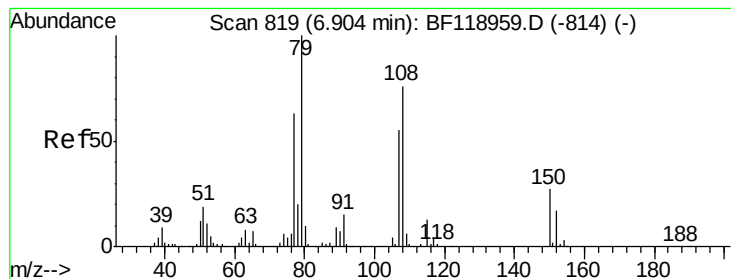
Ion Ratio Lower Upper

146 100

148 64.5 52.1 78.1

111 43.0 35.5 53.3





#15

Benzyl Alcohol

Concen: 44.686 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampled :

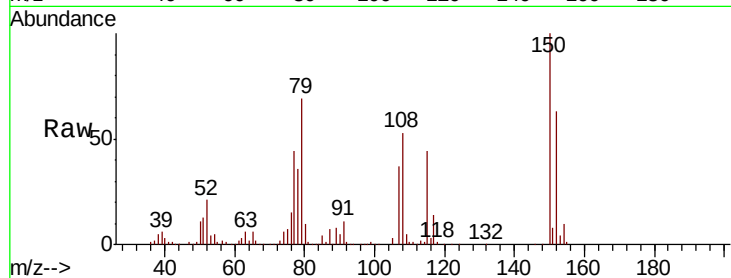
Tot Ion: 79 Resp: 379801

Ion Ratio Lower Upper

79 100

108 77.7 61.1 91.7

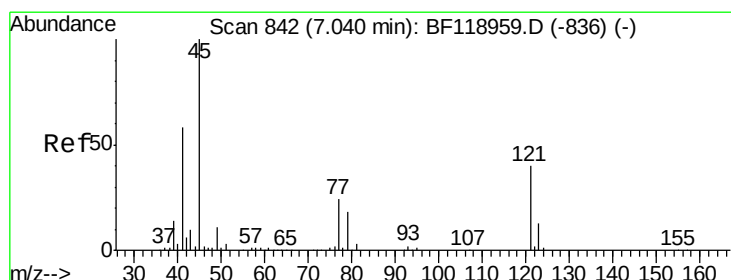
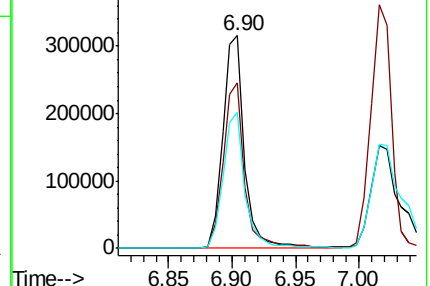
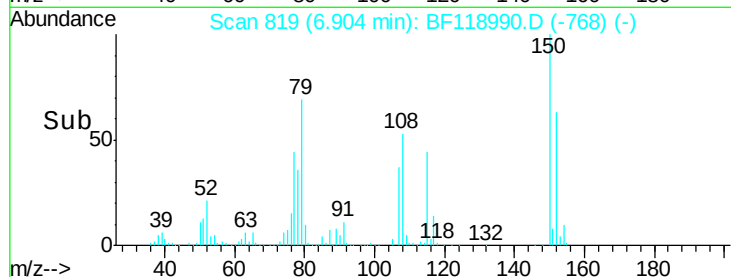
77 63.7 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.558 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

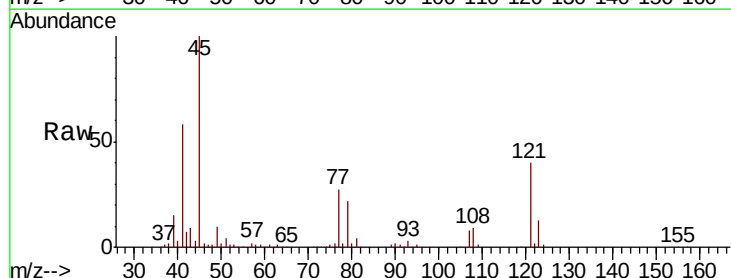
Tgt Ion: 45 Resp: 358650

Ion Ratio Lower Upper

45 100

77 27.3 6.1 46.1

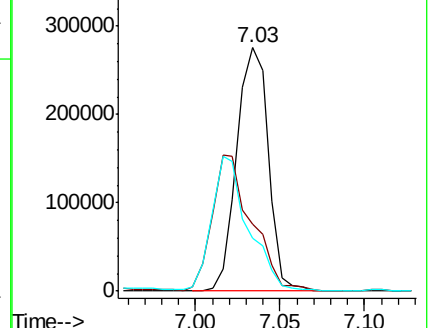
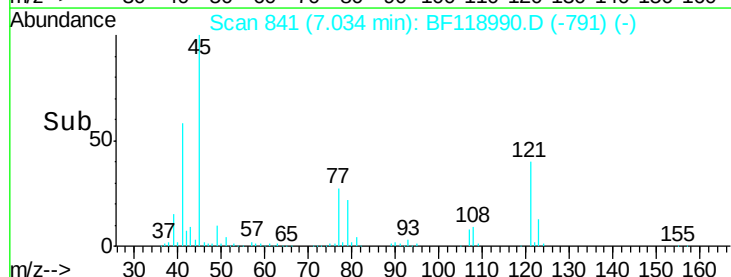
79 21.9 0.5 40.5

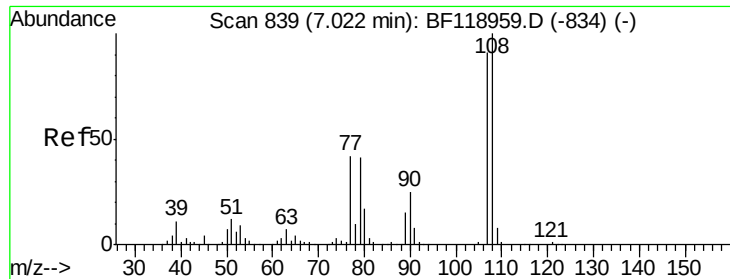


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

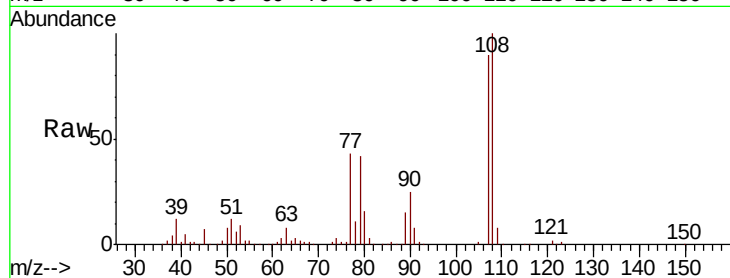




#17
2-Methylphenol
Concen: 42.847 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	362503
Ion	Ratio	Lower	Upper
107	100		
108	111.1	87.7	131.5
77	47.3	36.8	55.2
79	46.8	36.4	54.6



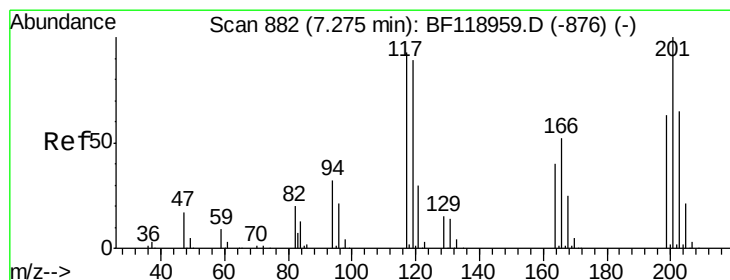
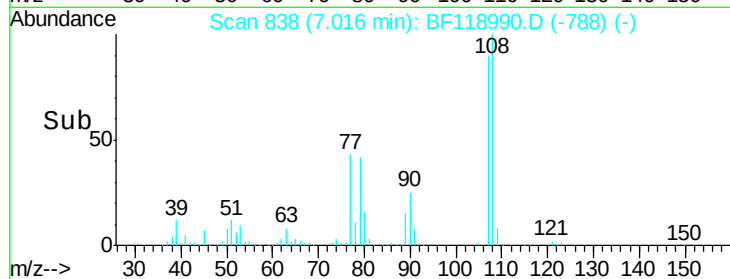
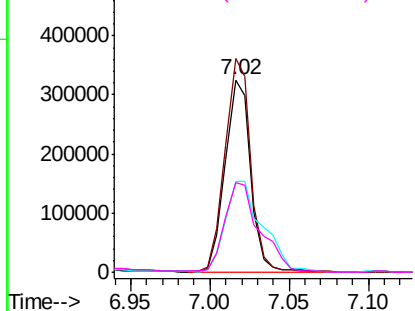
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

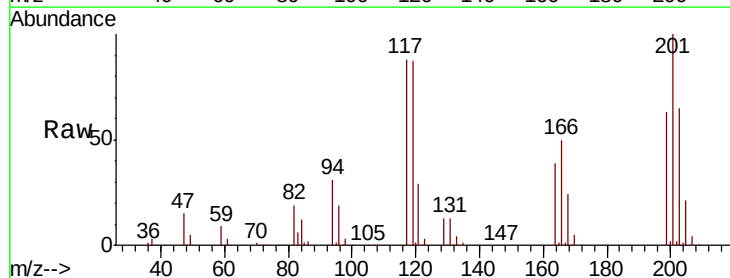
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.228 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Tgt Ion:	117	Resp:	189087
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.0	115.6
201	113.1	86.4	129.6

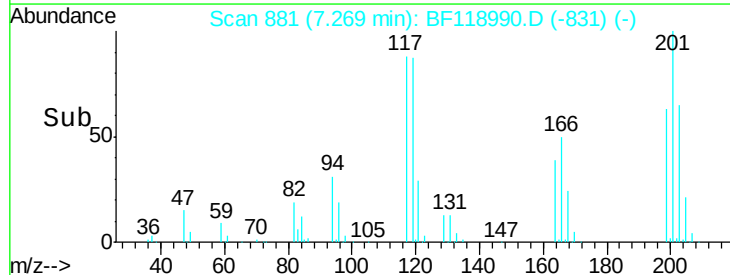
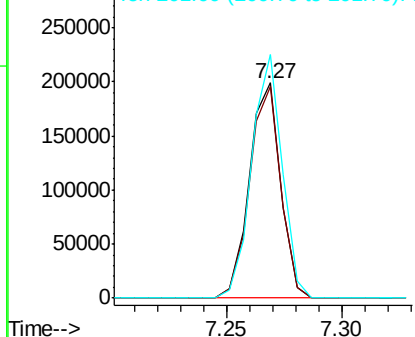


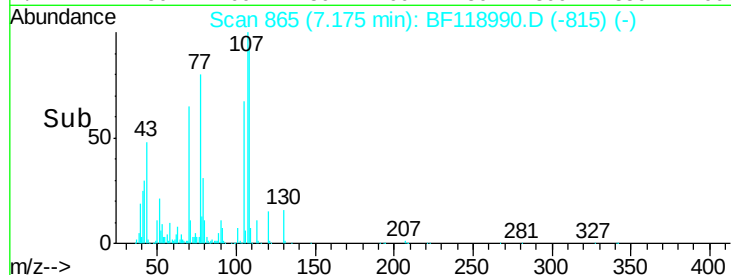
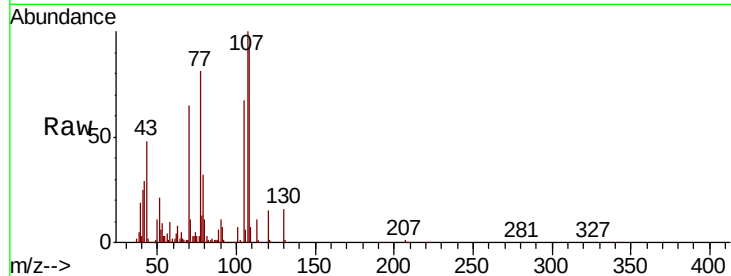
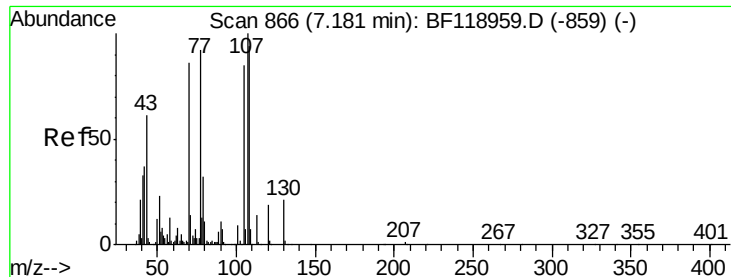
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

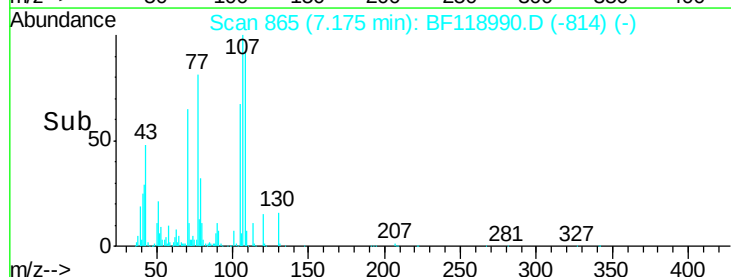
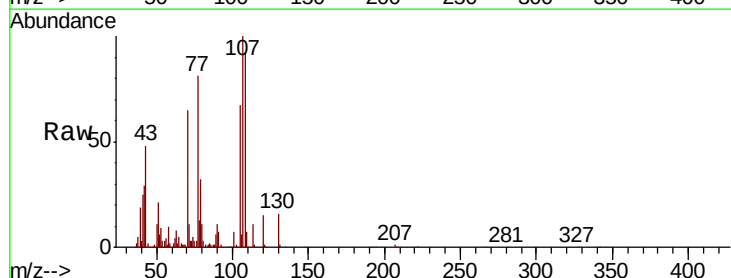
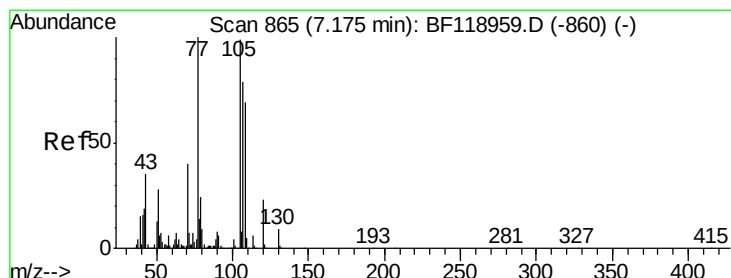
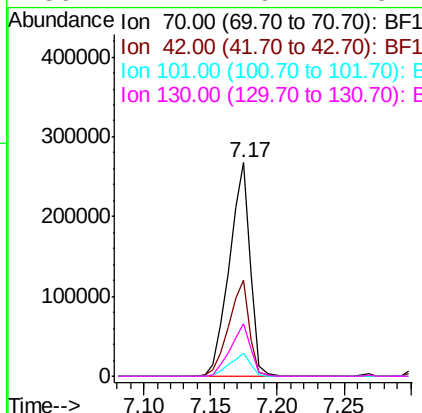




#19
n-Nitroso-di-n-propylamine
Concen: 43.084 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

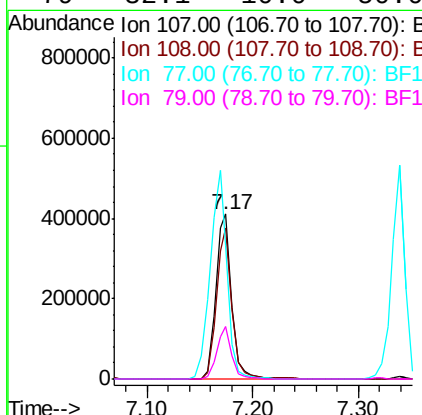
Instrument :
BNA_F
ClientSampleId :

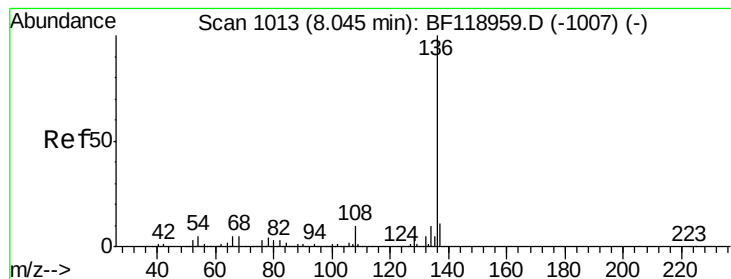
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.2	34.6	51.8
101	10.7	8.1	12.1
130	24.7	19.4	29.2



#20
3+4-Methylphenols
Concen: 42.390 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	67.0	107.0
77	80.6	106.2	146.2#
79	32.1	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118990.D

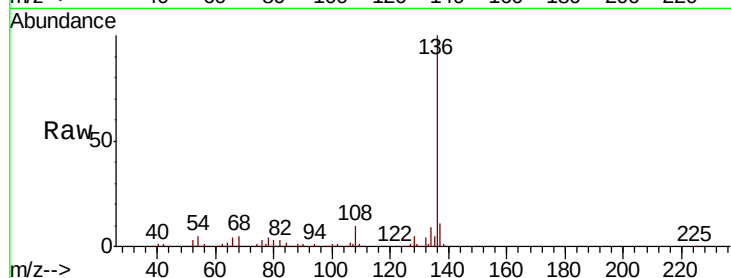
Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	594087
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	4.9	3.8 5.6
68	4.9	4.2 6.2

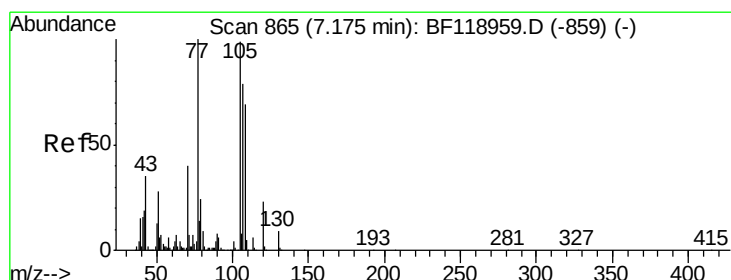
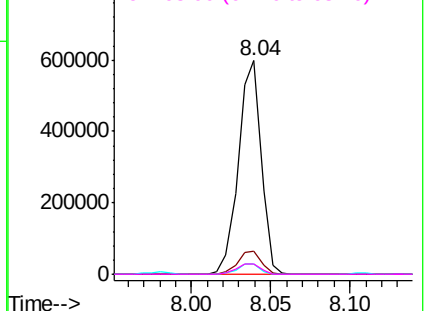
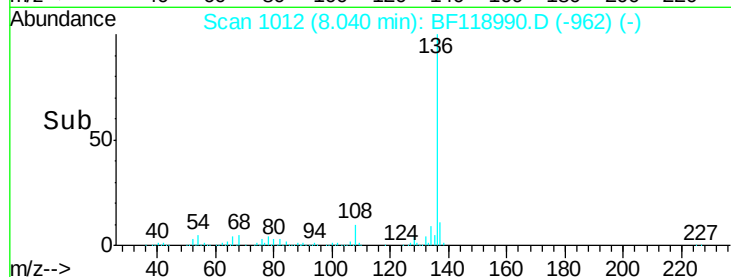


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.295 ng

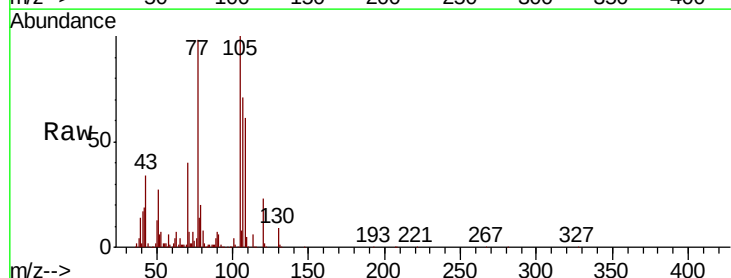
RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Tgt Ion:105	Resp:	581372
Ion Ratio	Lower	Upper
105	100	
71	6.5	5.4 8.0
51	26.9	22.5 33.7
120	22.6	18.4 27.6

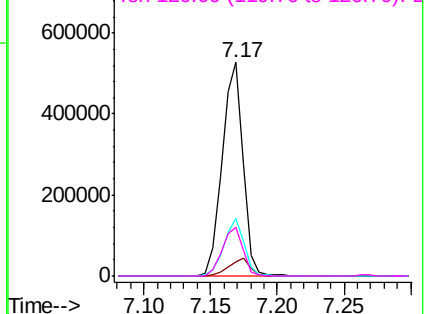
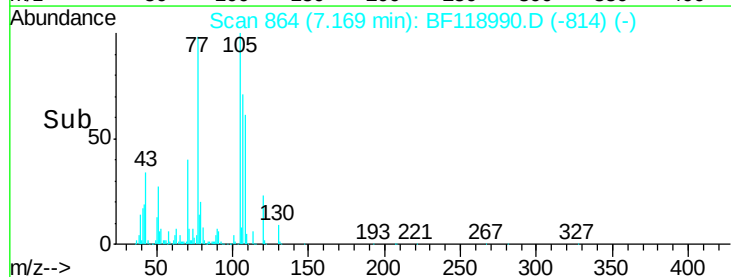


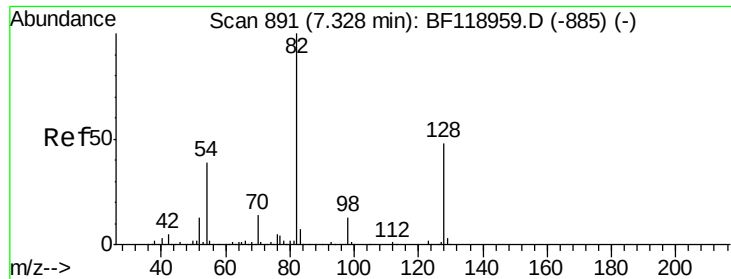
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

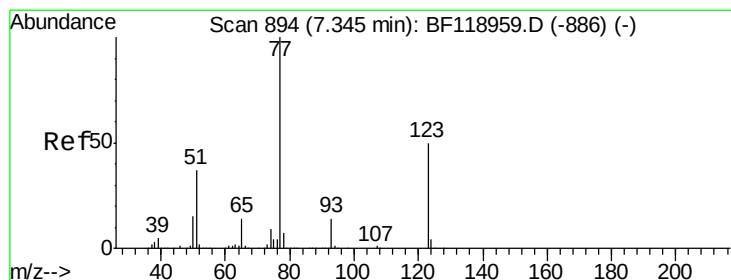
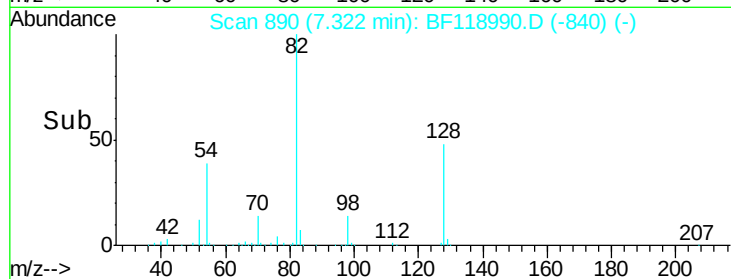
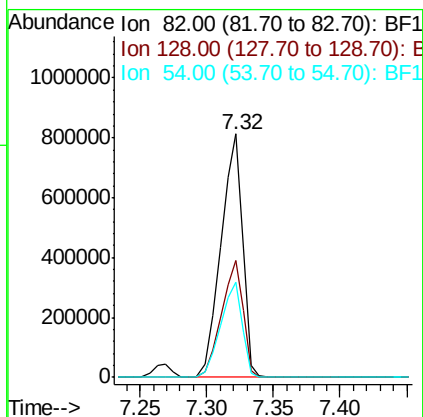
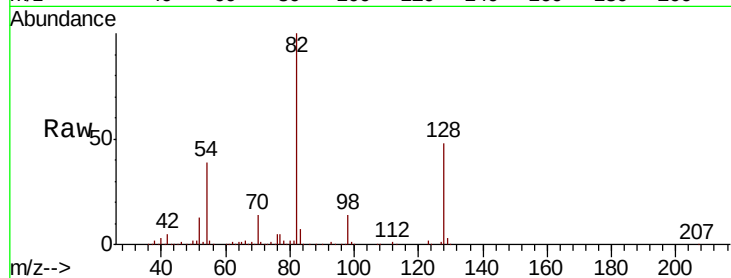




#23
 Nitrobenzene-d5
 Concen: 83.255 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

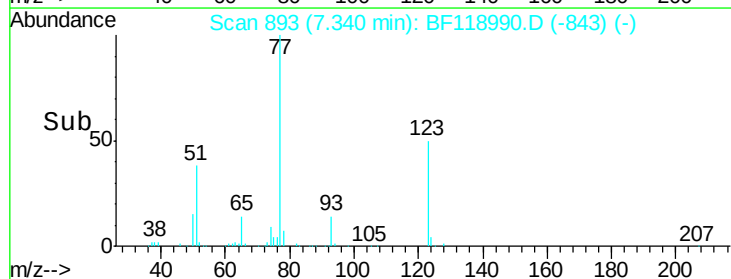
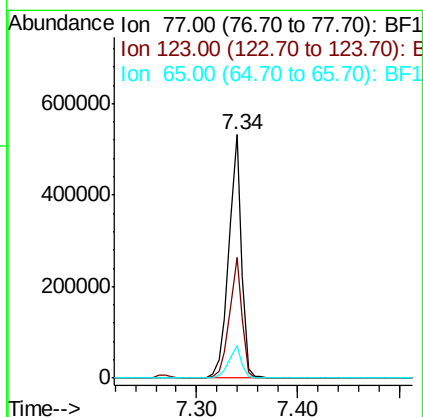
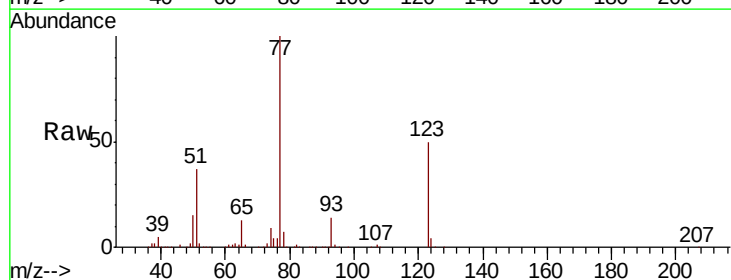
Instrument :
 BNA_F
 ClientSampled :

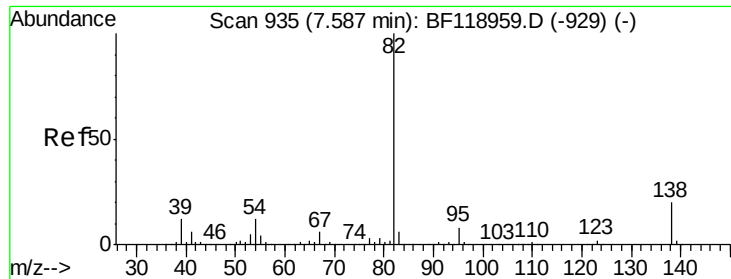
Tot Ion	82	Resp	936752
Ion Ratio	100	Lower	Upper
128	47.9	38.2	57.2
54	39.3	31.3	46.9



#24
 Nitrobenzene
 Concen: 41.630 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

Tgt Ion	77	Resp	463210
Ion Ratio	100	Lower	Upper
123	49.8	40.1	60.1
65	13.3	10.9	16.3





#25

Isophorone

Concen: 41.893 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

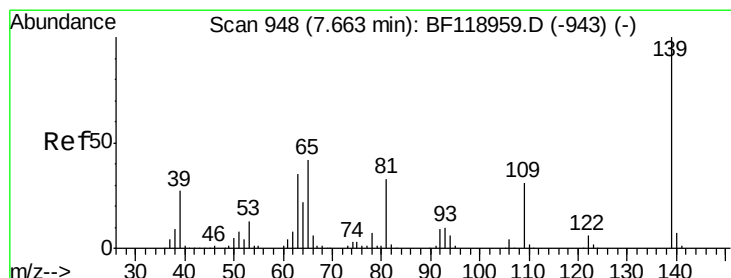
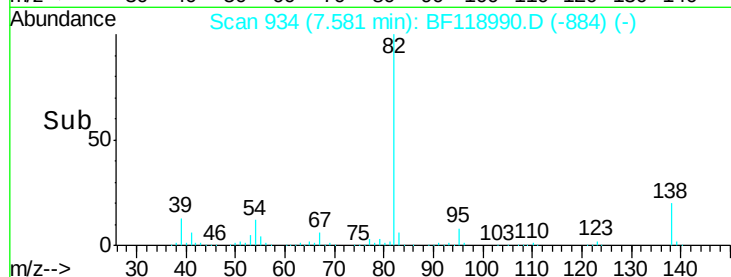
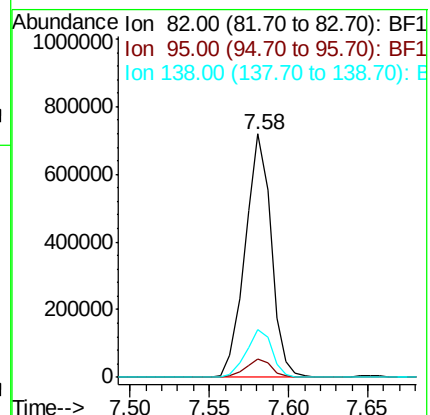
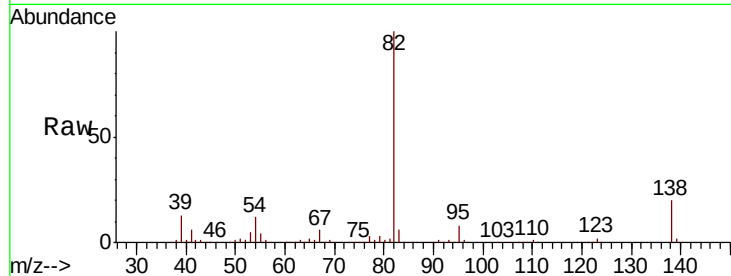
Tot Ion: 82 Resp: 818625

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 19.5 15.8 23.6



#26

2-Nitrophenol

Concen: 42.291 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

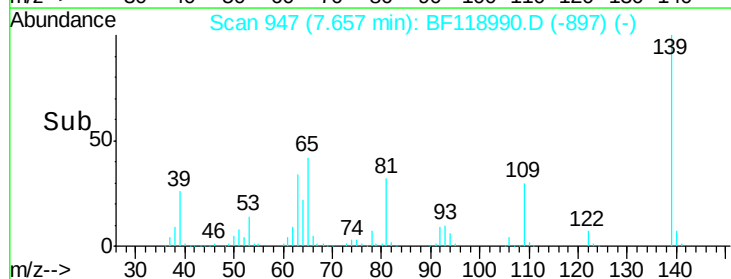
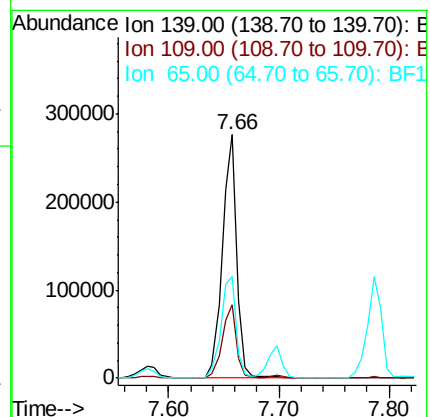
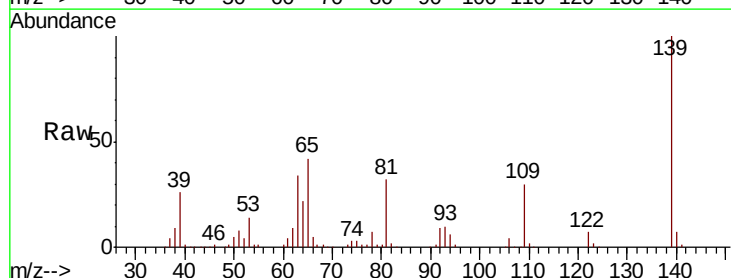
Tgt Ion: 139 Resp: 249328

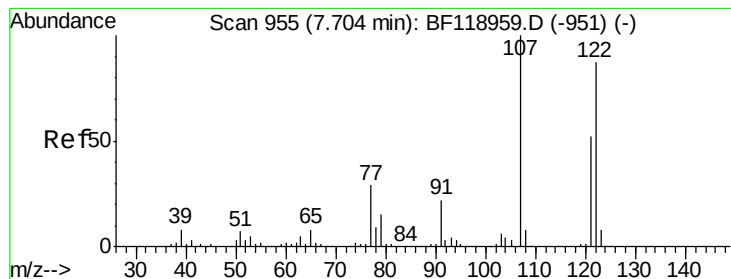
Ion Ratio Lower Upper

139 100

109 30.0 24.6 36.8

65 41.7 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 41.477 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampled :

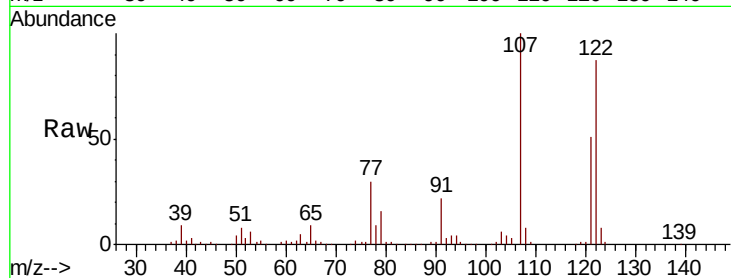
Tot Ion:122 Resp: 331866

Ion Ratio Lower Upper

122 100

107 115.6 91.8 137.8

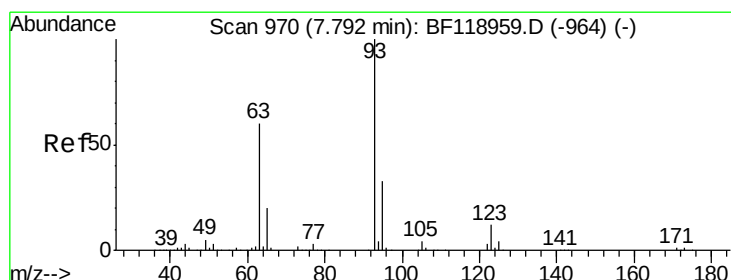
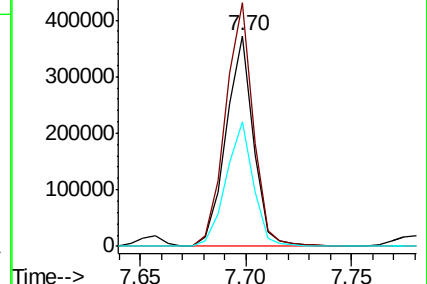
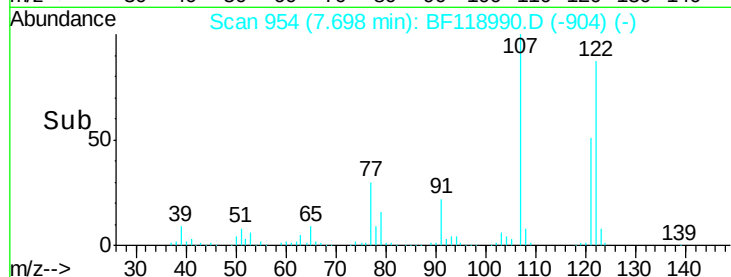
121 59.2 47.4 71.0



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: 41.503 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

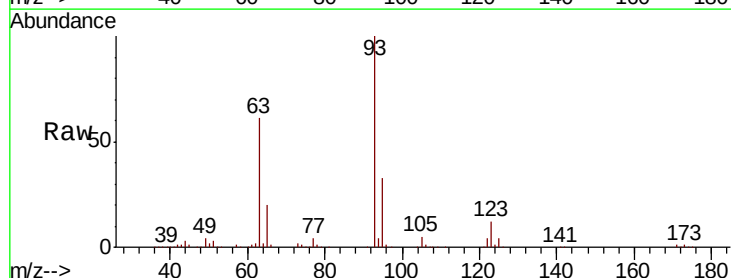
Tgt Ion: 93 Resp: 527879

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

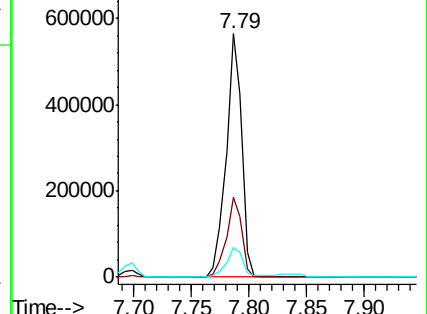
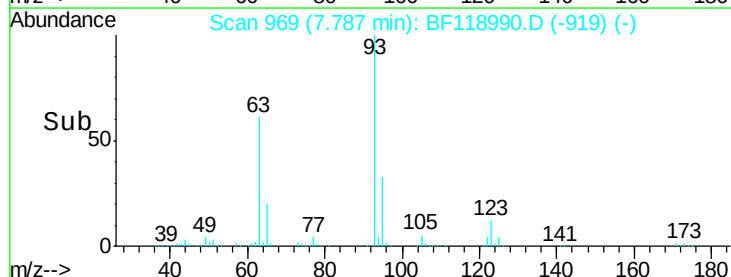
123 12.1 9.8 14.8

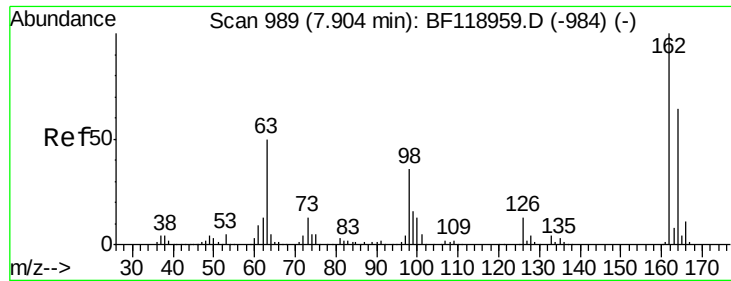


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

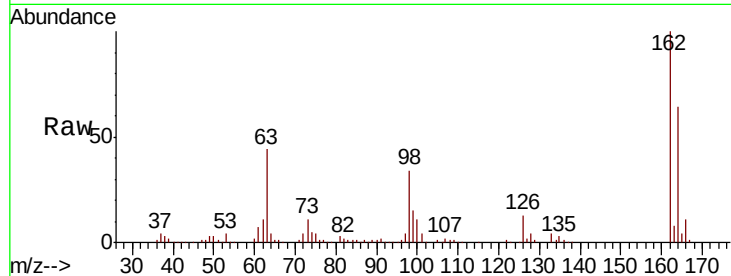




#29
 2,4-Dichlorophenol
 Concen: 41.996 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.1	84.1
98	34.1	16.4	56.4

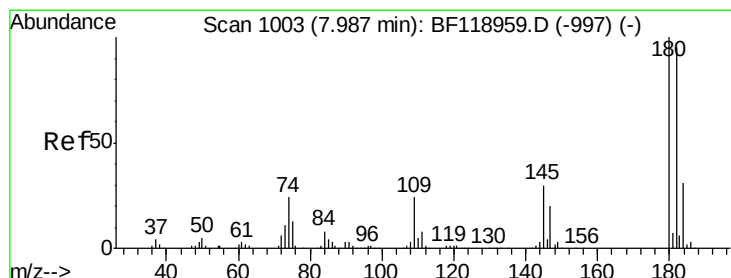
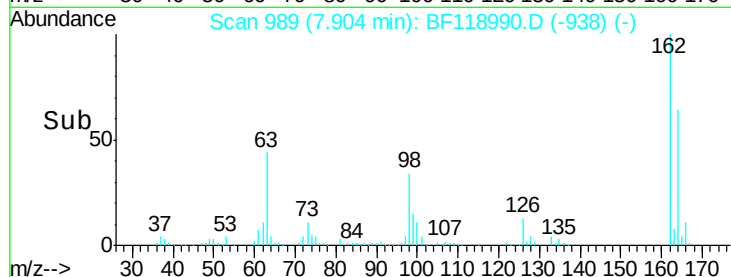
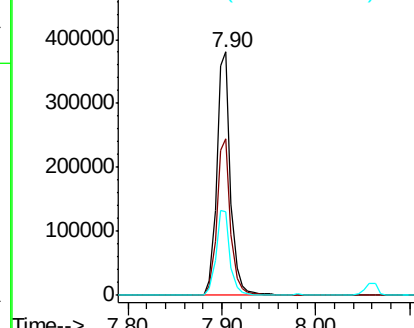


Abundance

Ion 162.00 (161.70 to 162.70): E

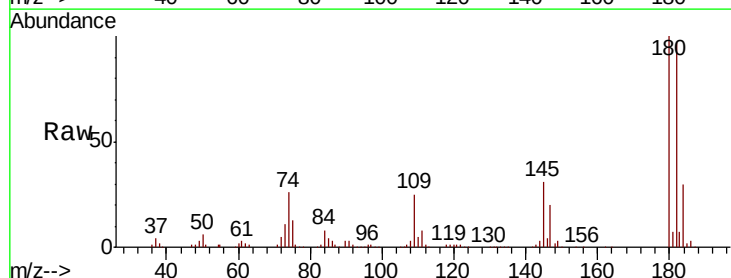
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.040 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.8
145	30.9	24.2	36.2

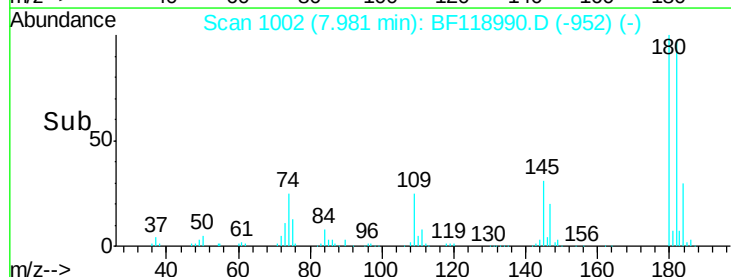
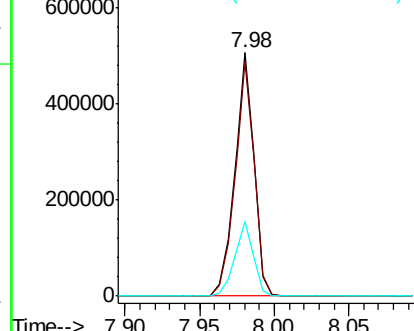


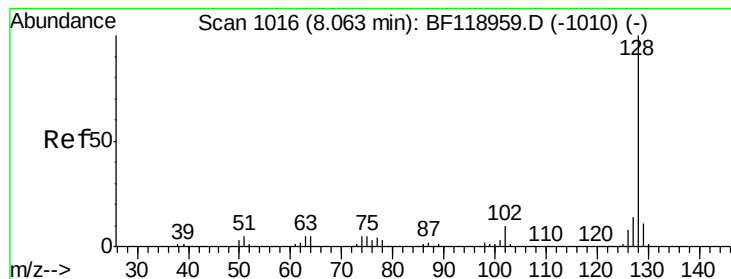
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.041 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

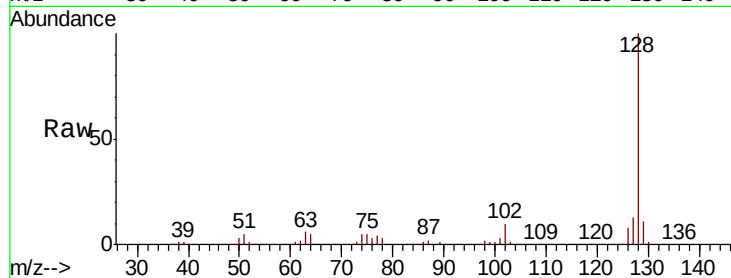
Tot Ion:128 Resp: 1295306

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

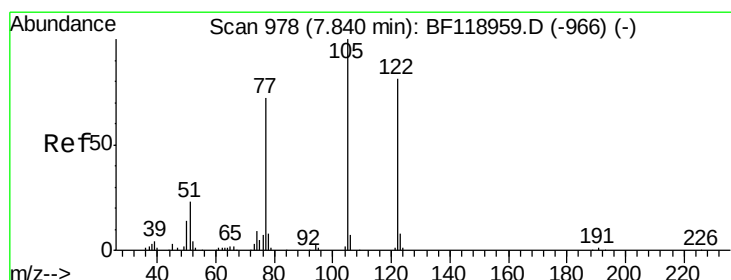
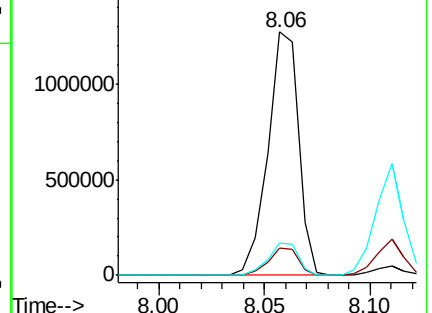
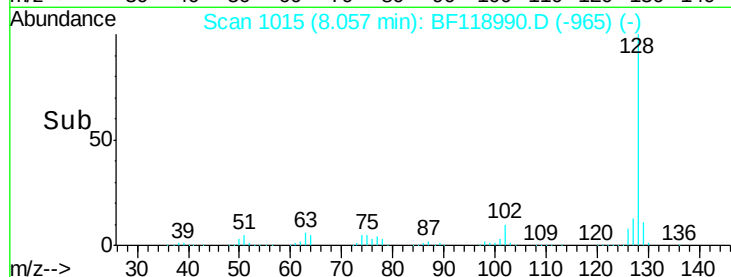
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.247 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

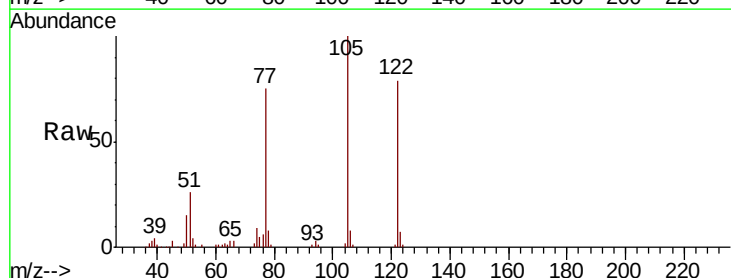
Tgt Ion:122 Resp: 254780

Ion Ratio Lower Upper

122 100

105 126.1 102.2 142.2

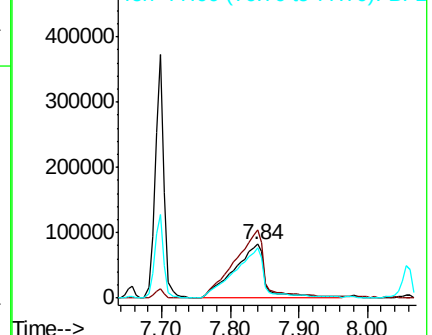
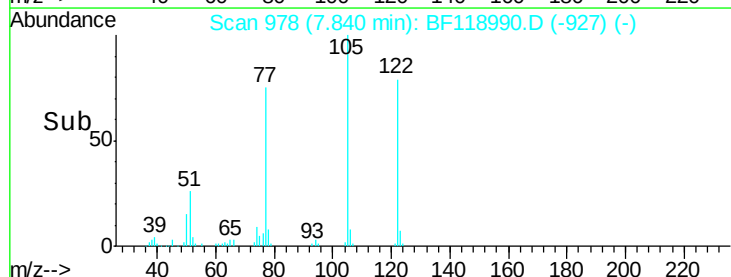
77 94.6 68.6 108.6

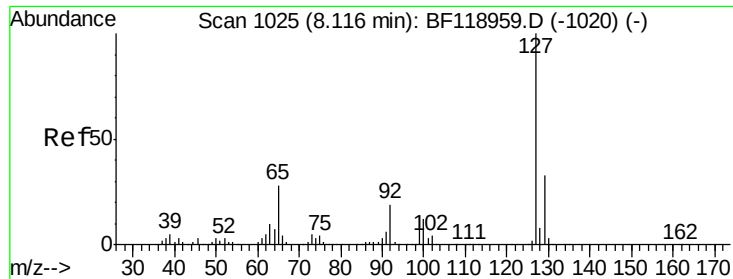


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

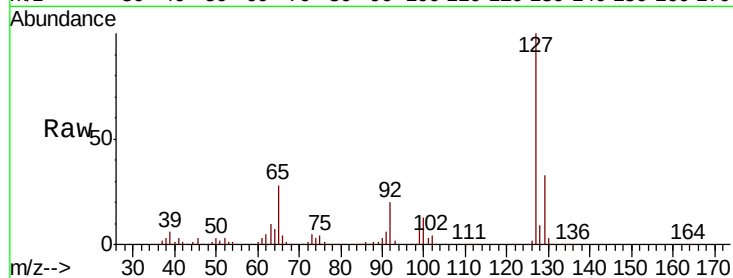




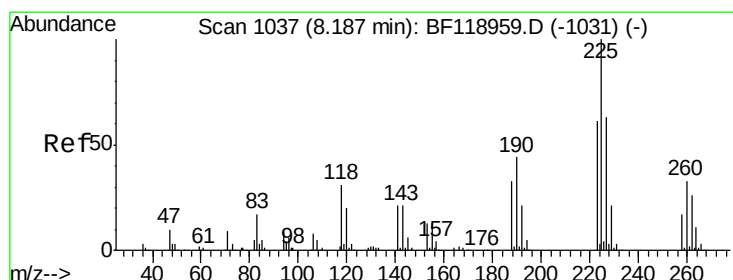
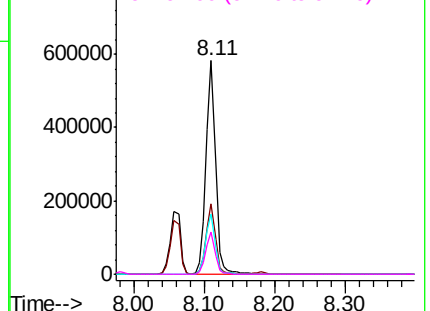
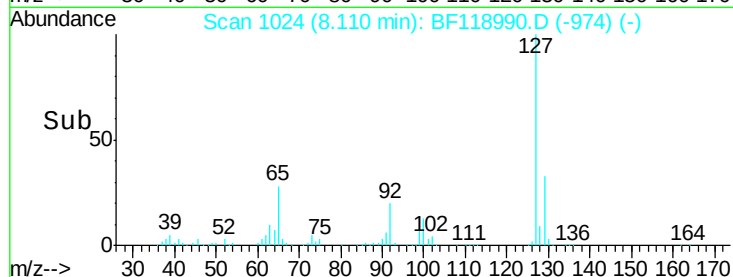
#33
4-Chloroaniline
Concen: 41.941 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	555795
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	28.1	22.0	33.0
92	20.0	15.5	23.3

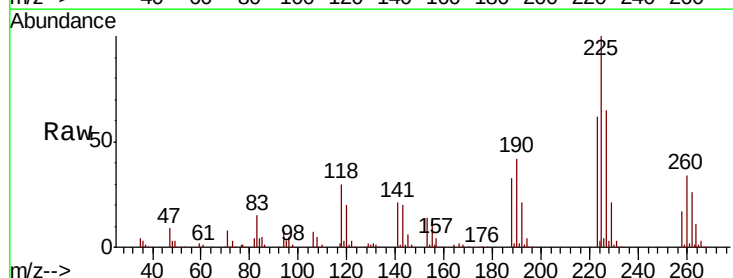


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

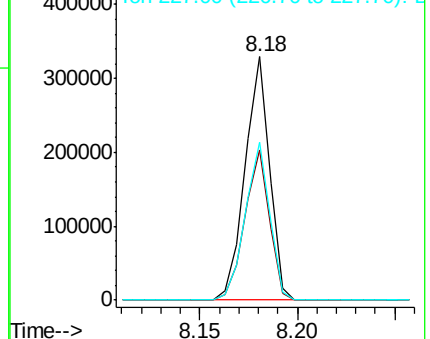
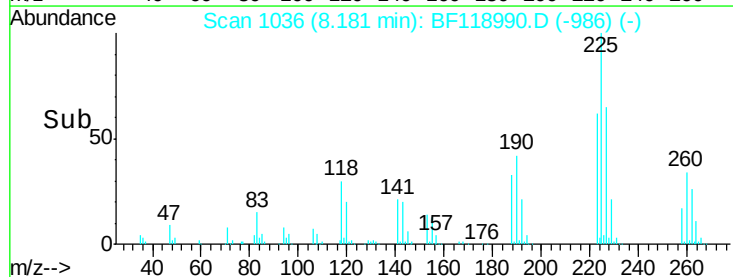


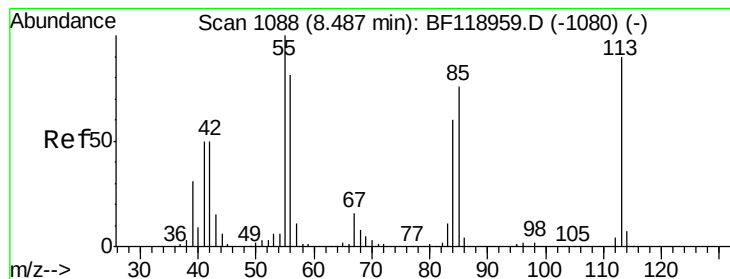
#34
Hexachlorobutadiene
Concen: 41.184 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Tgt Ion:	225	Resp:	286500
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.9	73.3
227	64.7	50.4	75.6



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





#35

Caprolactam

Concen: 42.772 ng

RT: 8.49 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

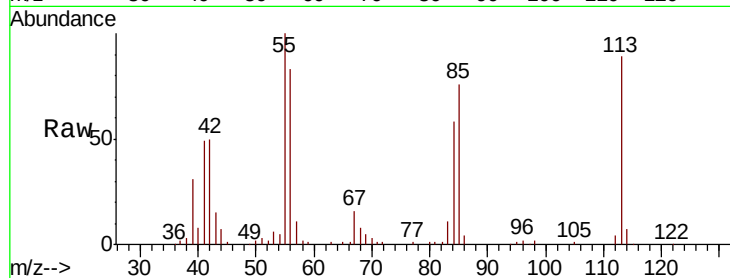
Tot Ion:113 Resp: 124054

Ion Ratio Lower Upper

113 100

55 112.3 90.8 130.8

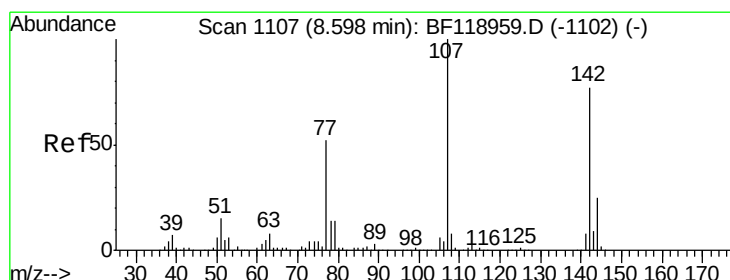
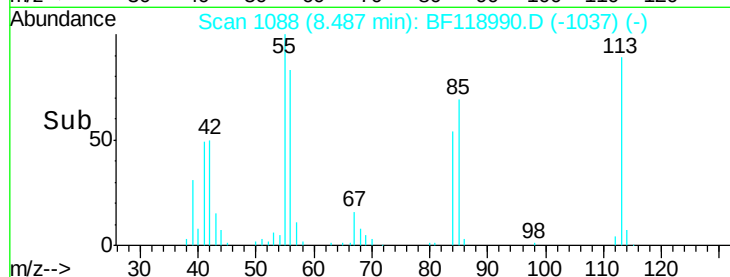
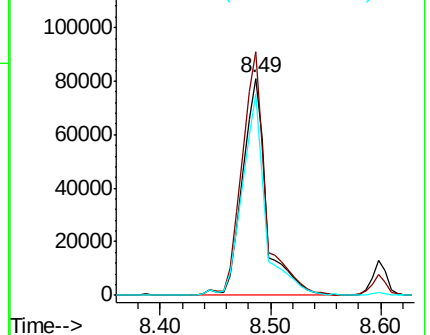
56 92.6 70.0 110.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.459 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

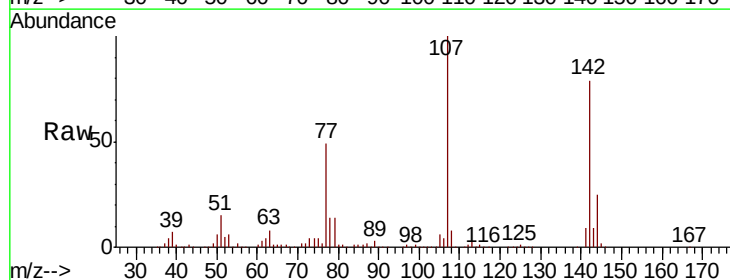
Tgt Ion:107 Resp: 404757

Ion Ratio Lower Upper

107 100

144 25.1 19.8 29.8

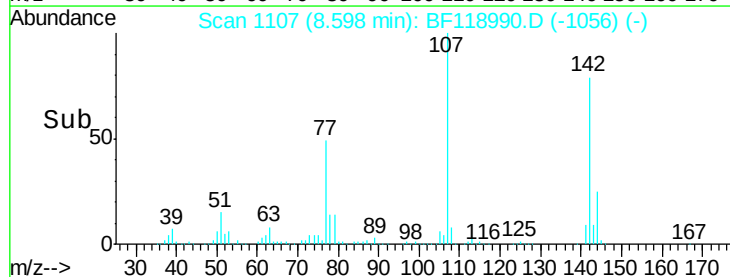
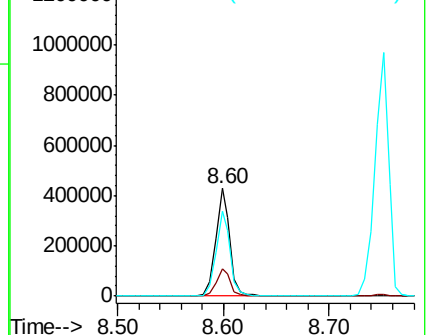
142 78.9 61.3 91.9

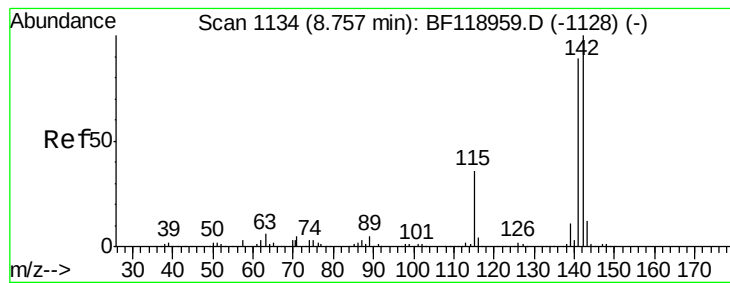


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.314 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

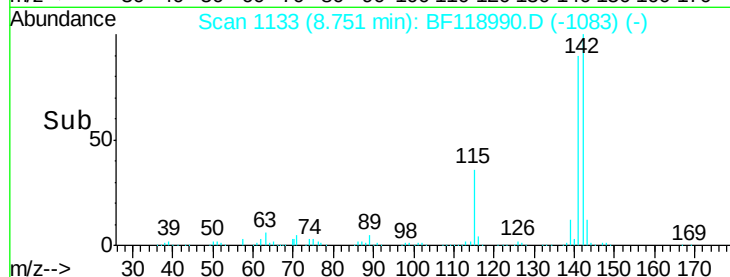
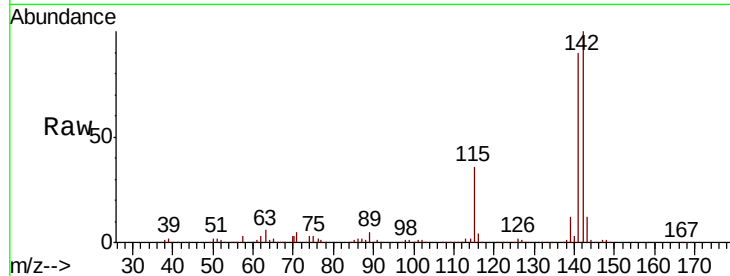
Tot Ion:142 Resp: 877351

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.4

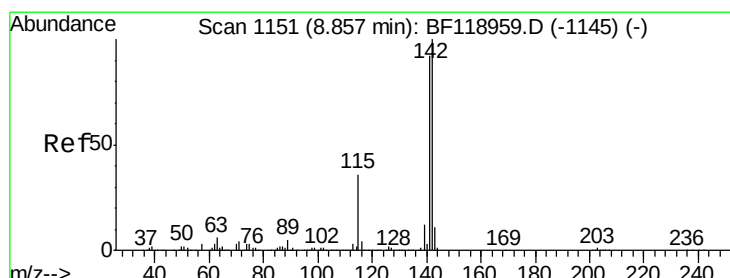
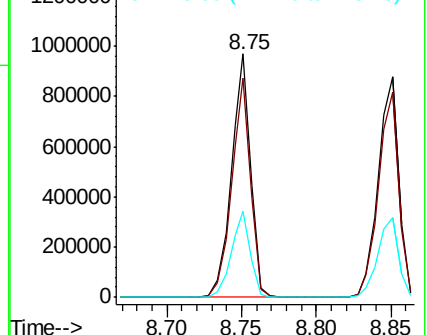
115 35.6 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.236 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

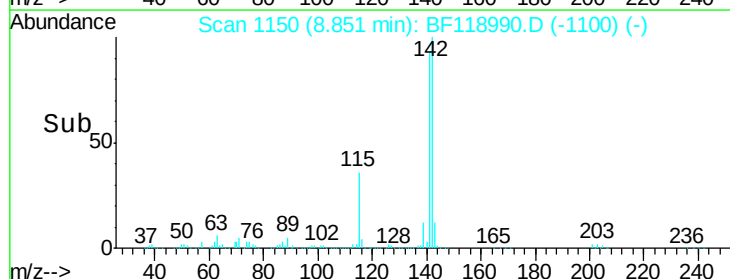
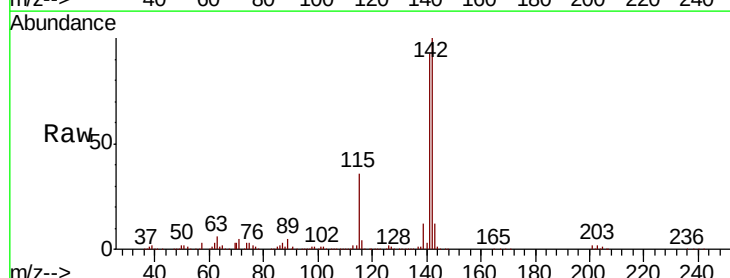
Tgt Ion:142 Resp: 823585

Ion Ratio Lower Upper

142 100

141 93.0 73.7 110.5

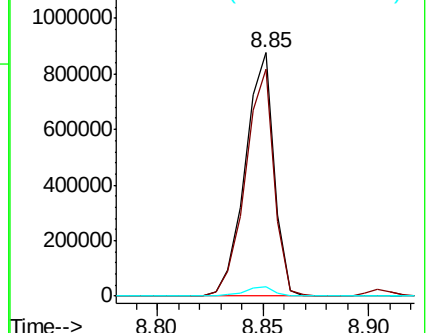
116 3.8 3.0 4.6

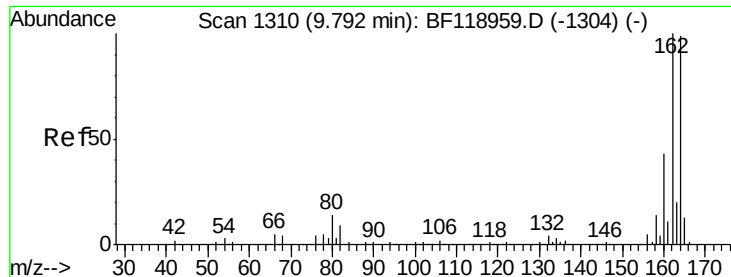


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

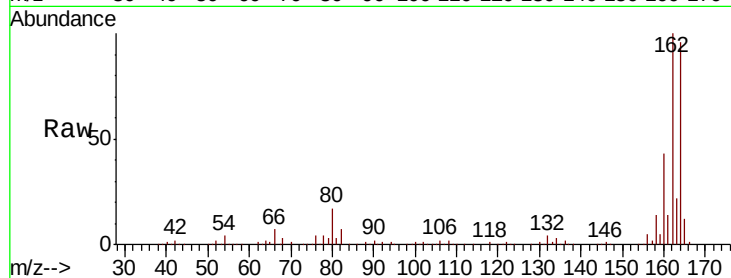
Tot Ion:164 Resp: 331602

Ion Ratio Lower Upper

164 100

162 103.8 81.2 121.8

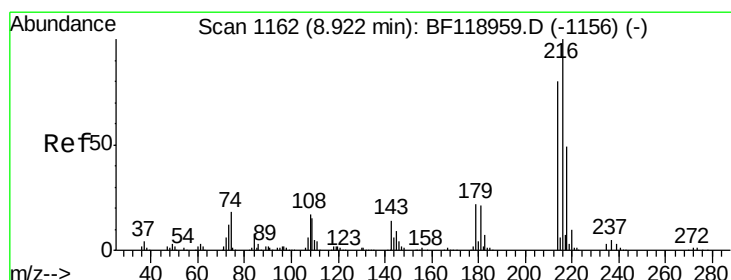
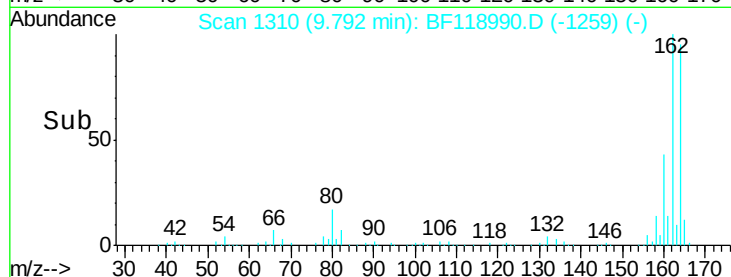
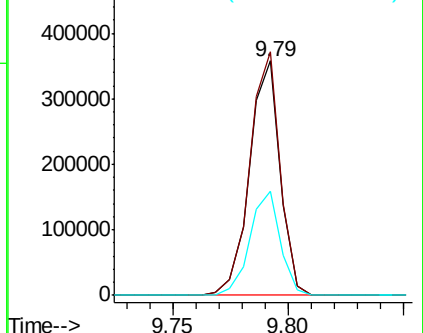
160 44.6 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.068 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Tgt Ion:216 Resp: 459153

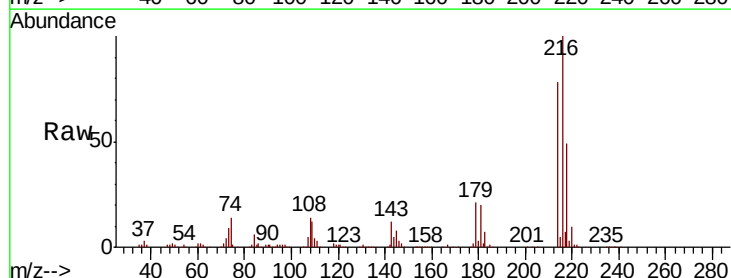
Ion Ratio Lower Upper

216 100

214 79.1 63.1 94.7

179 21.3 17.2 25.8

108 16.9 13.4 20.0

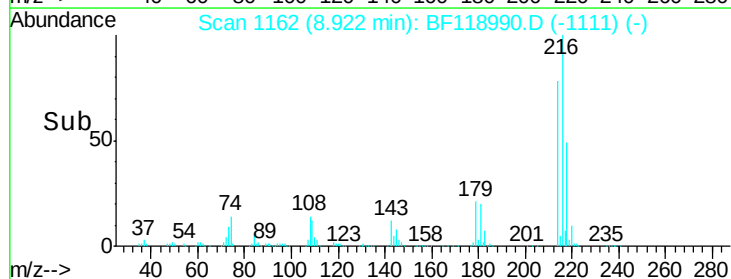
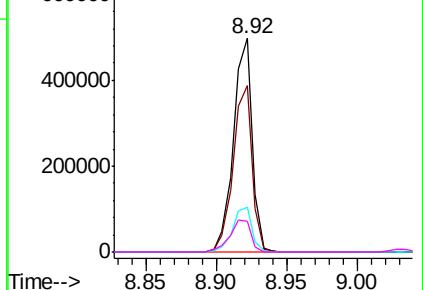


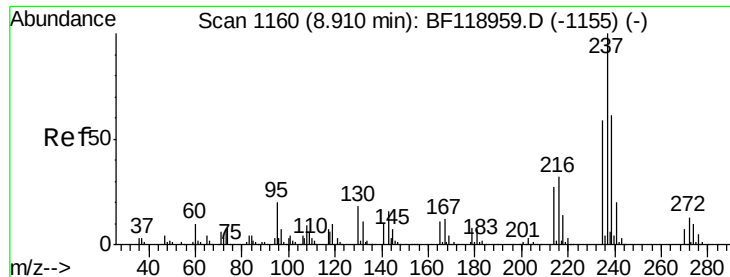
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 44.501 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampled :

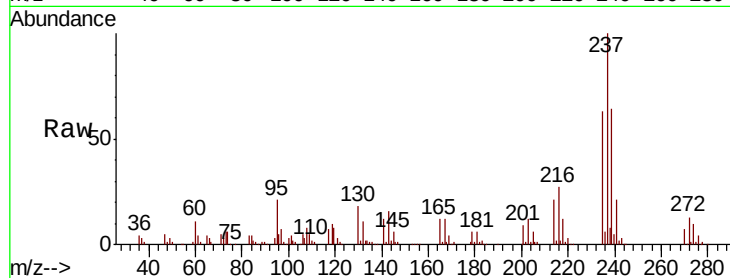
Tot Ion:237 Resp: 161877

Ion Ratio Lower Upper

237 100

235 62.9 39.4 79.4

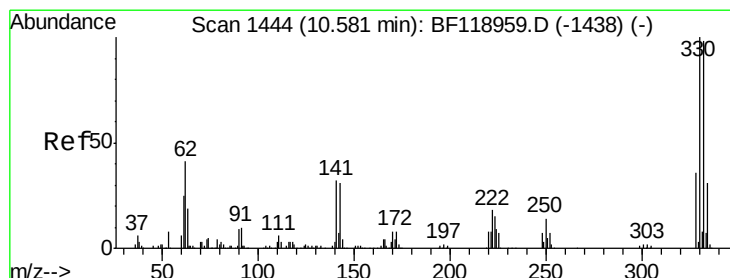
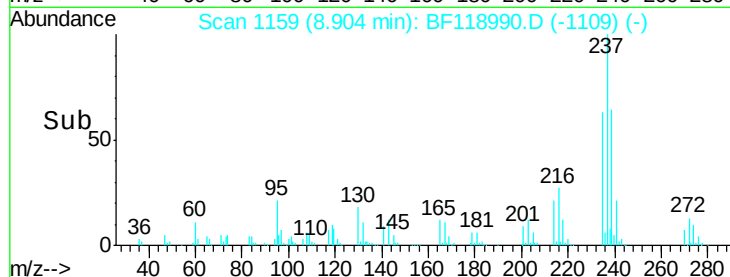
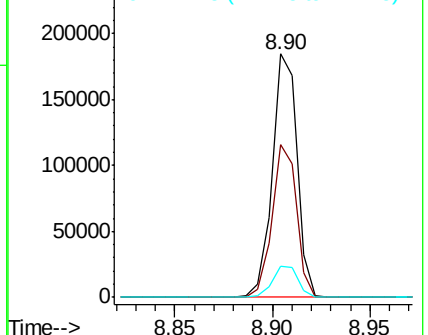
272 12.8 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.452 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

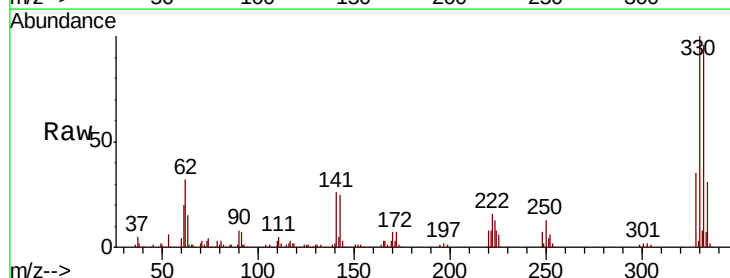
Tgt Ion:330 Resp: 366345

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

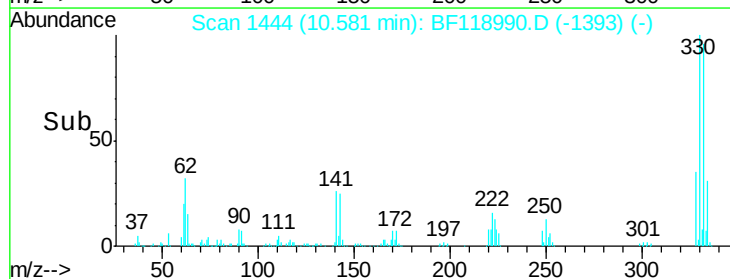
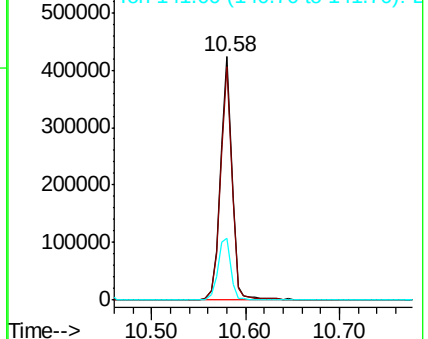
141 28.8 23.0 34.6

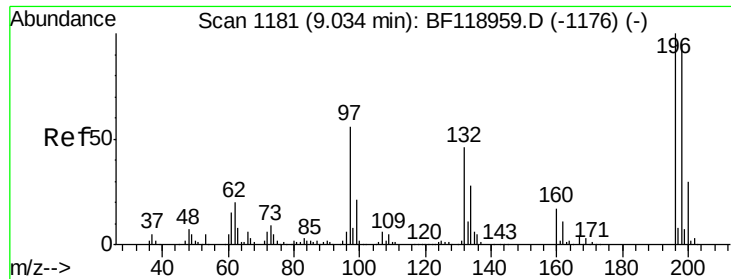


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

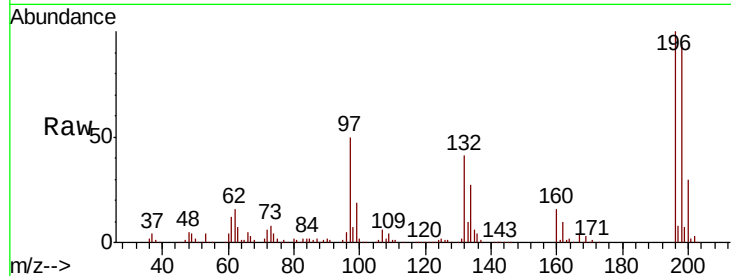




#43
 2,4,6-Trichlorophenol
 Concen: 42.236 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	298196
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.8	113.6
200	30.5	24.1	36.1

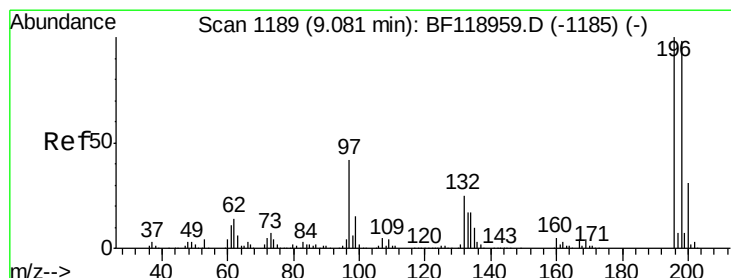
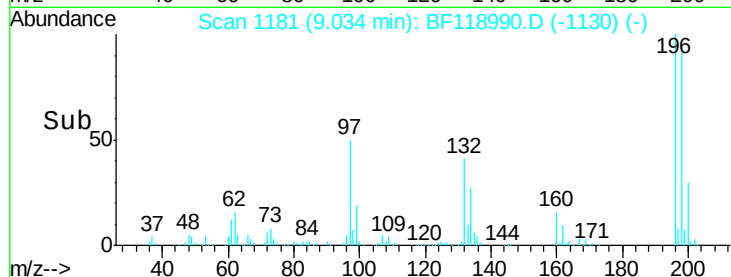
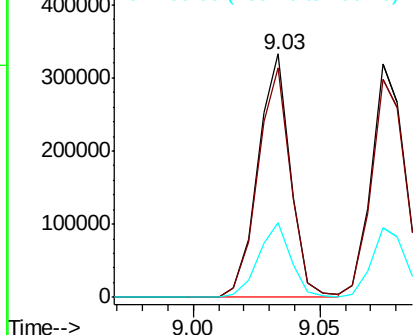


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.548 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

Tgt Ion	196	Resp	307821
Ion Ratio	Lower	Upper	
196	100		
198	93.4	78.4	117.6
97	47.3	33.4	50.0
132	27.4	20.6	30.8

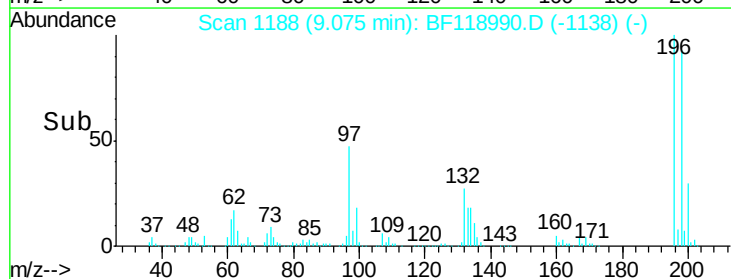
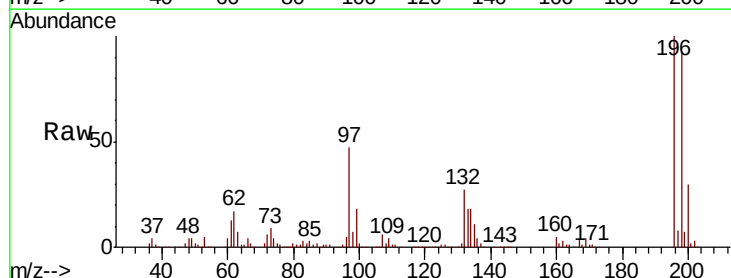
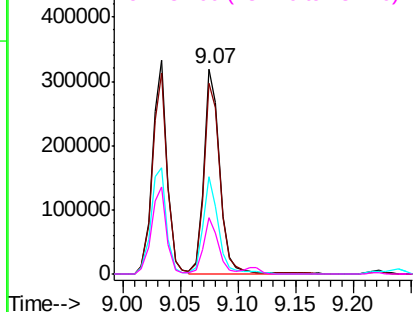
Abundance

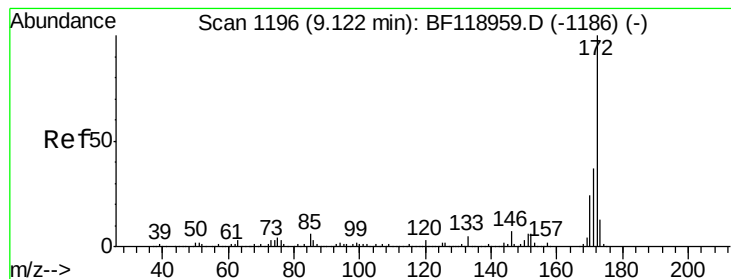
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



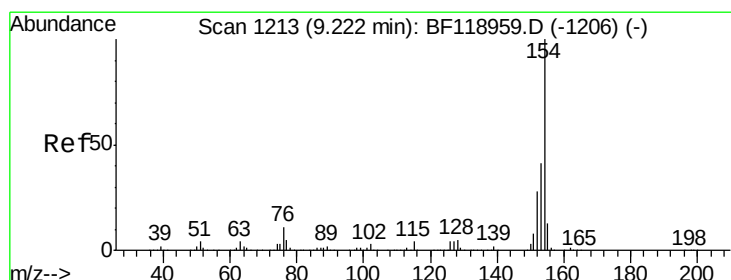
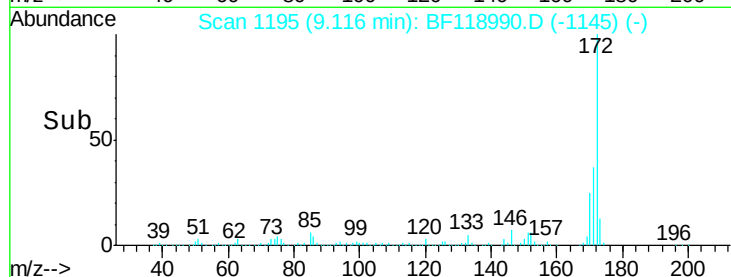
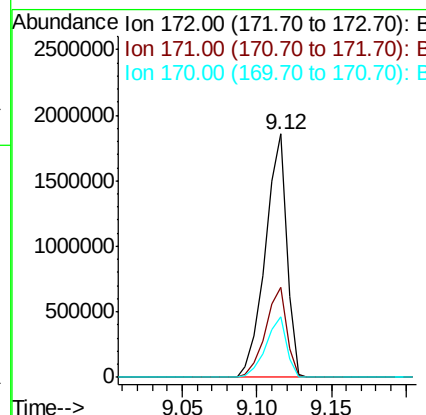
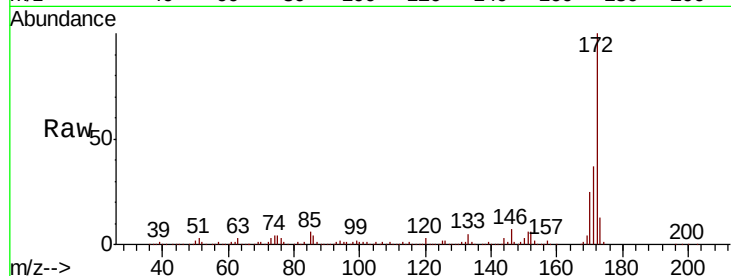


#45
 2-Fluorobiphenyl
 Concen: 81.302 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1830058

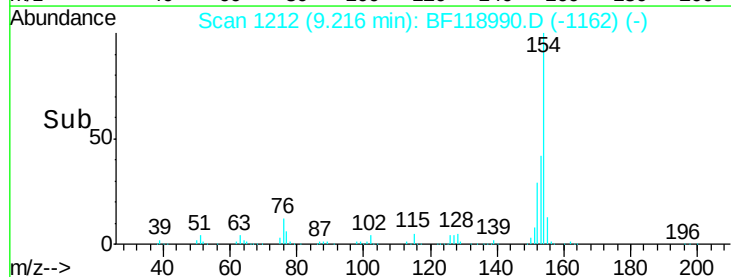
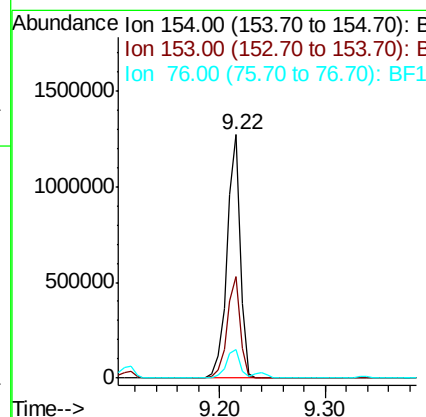
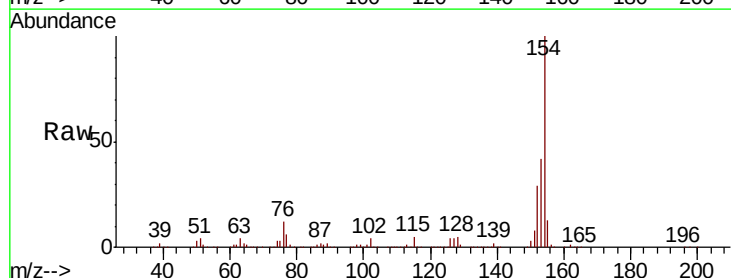
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	24.6	19.6	29.4

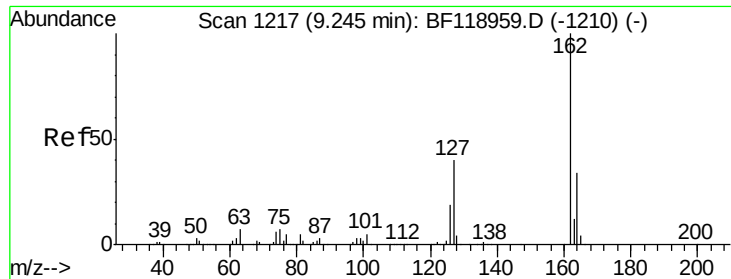


#46
 1,1'-Biphenyl
 Concen: 41.539 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

Tgt Ion:154 Resp: 1113248

Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.2	61.2
76	11.7	0.0	31.1

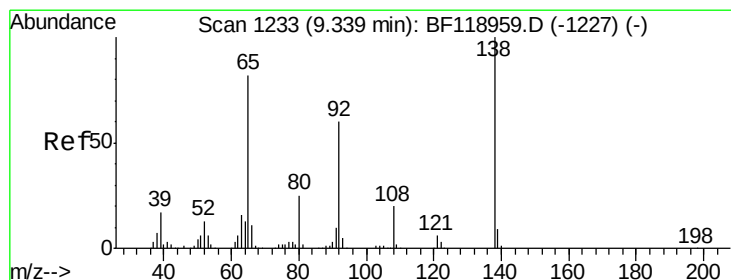
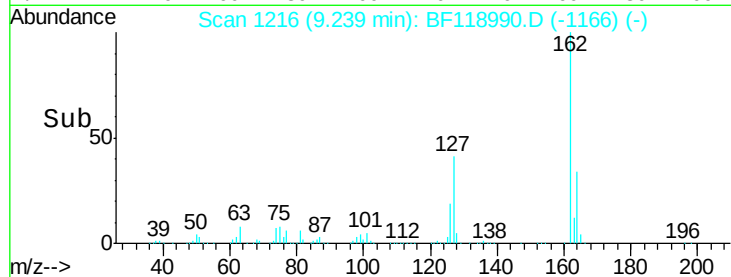
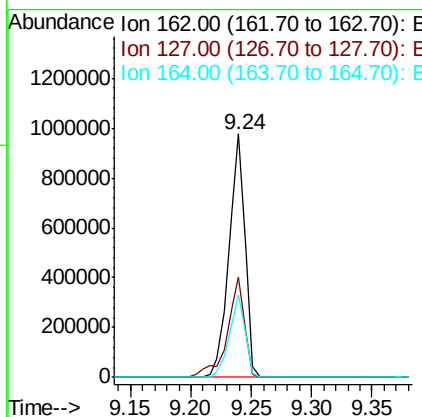
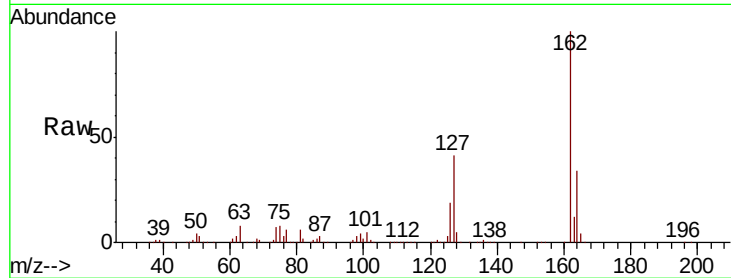




#47
 2-Chloronaphthalene
 Concen: 41.762 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

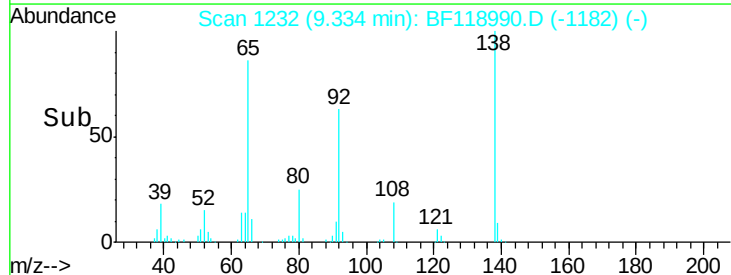
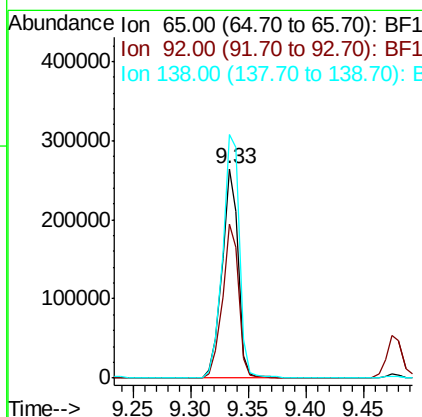
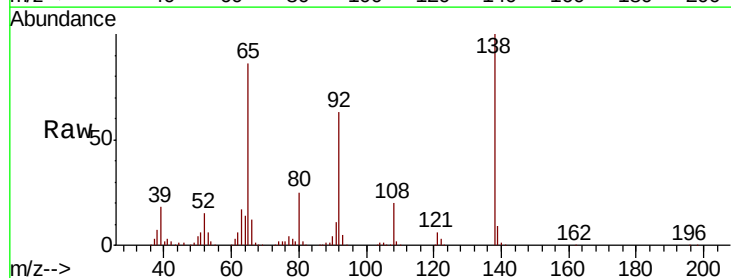
Instrument :
 BNA_F
 ClientSampleId :

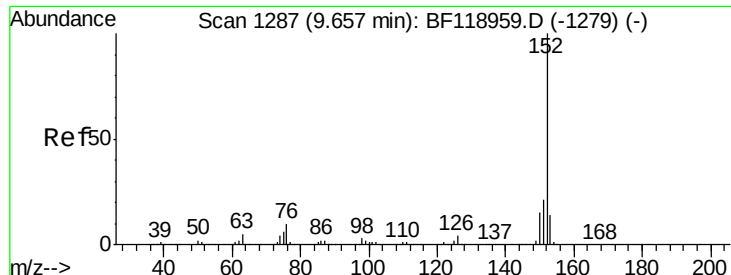
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	31.9	47.9
164	33.6	26.8	40.2



#48
 2-Nitroaniline
 Concen: 42.809 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	58.6	87.8
138	116.3	97.5	146.3





#49

Acenaphthylene

Concen: 42.102 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

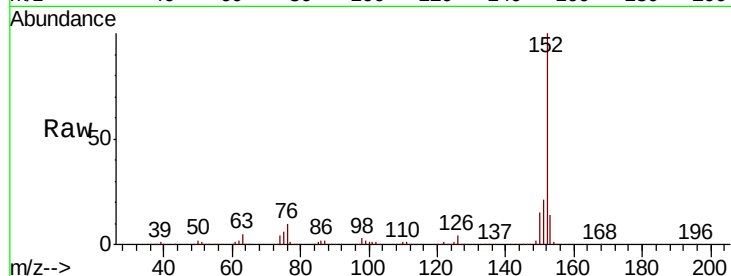
Tot Ion:152 Resp: 1313273

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

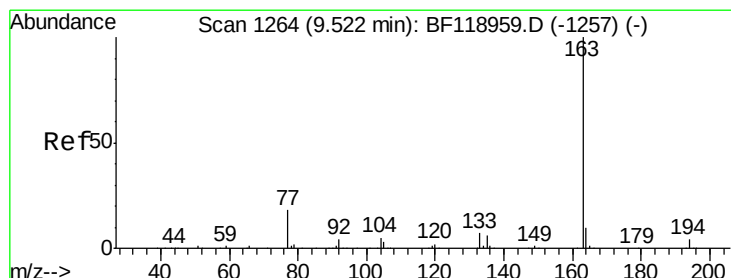
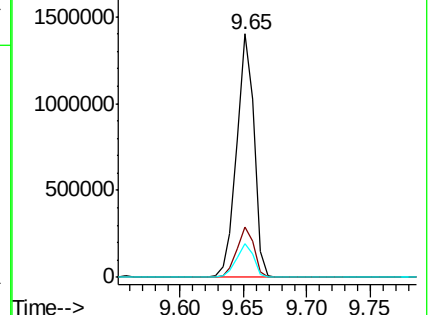
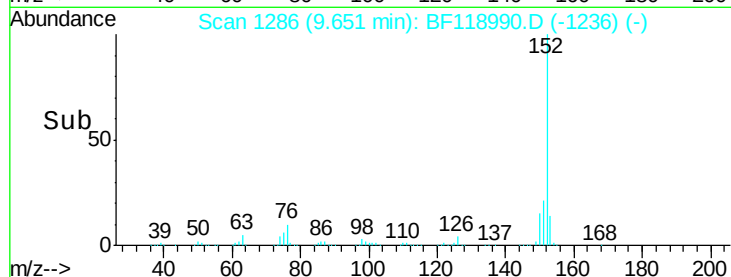
153 13.8 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.942 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

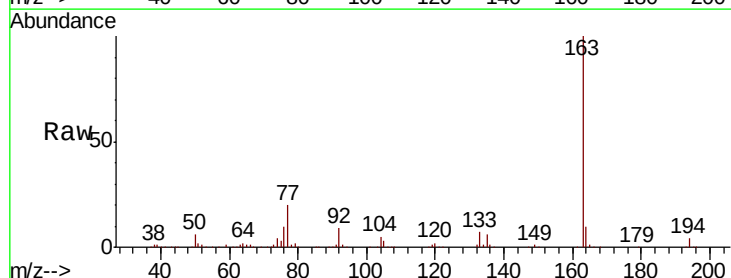
Tgt Ion:163 Resp: 1063530

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

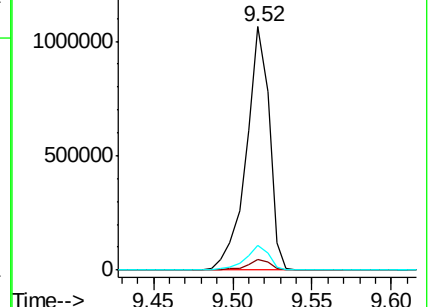
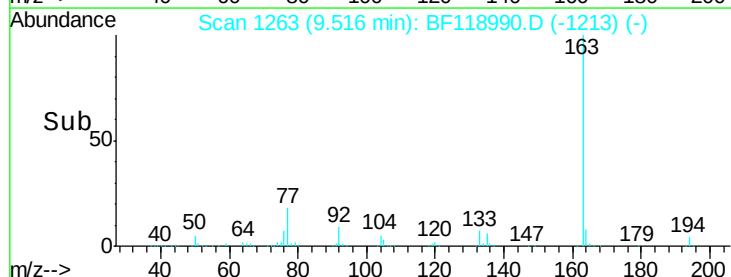
164 10.4 8.2 12.2

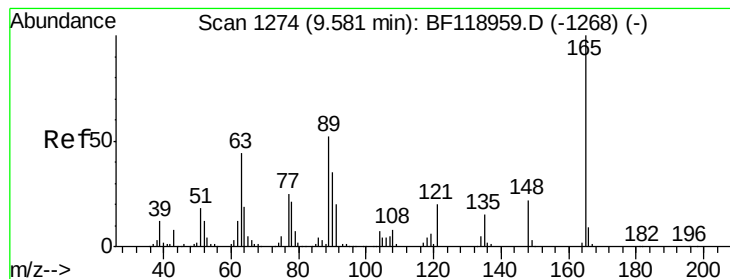


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.301 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

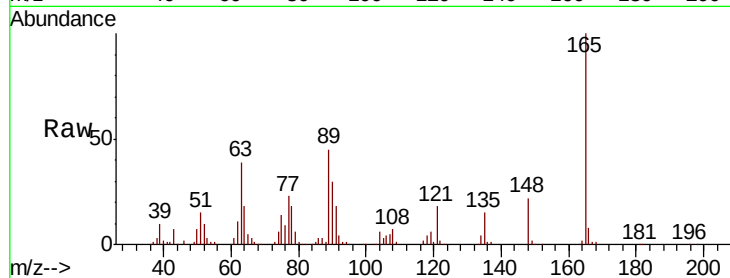
Tot Ion:165 Resp: 238308

Ion Ratio Lower Upper

165 100

63 39.1 37.9 56.9

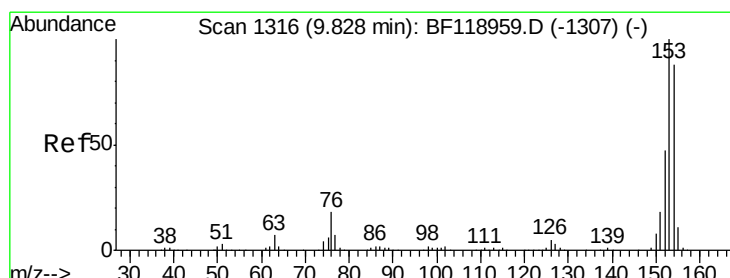
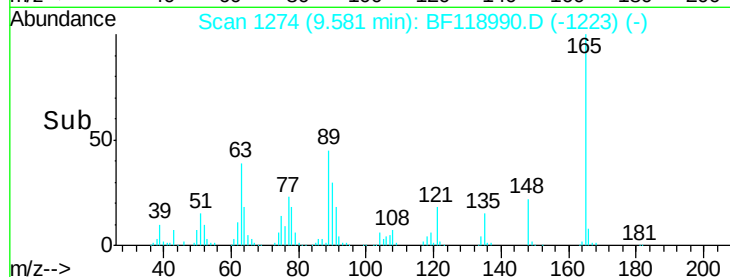
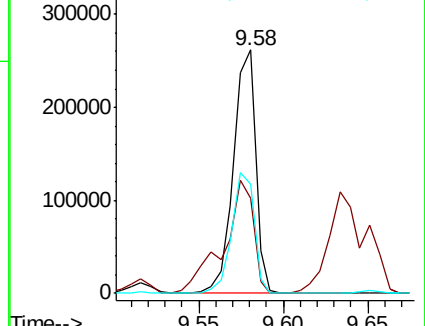
89 45.0 41.4 62.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.004 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

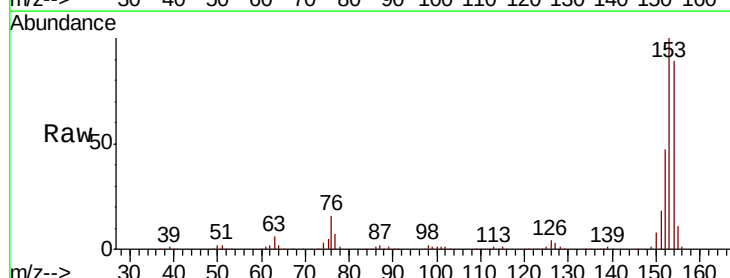
Tgt Ion:154 Resp: 790039

Ion Ratio Lower Upper

154 100

153 112.4 90.4 135.6

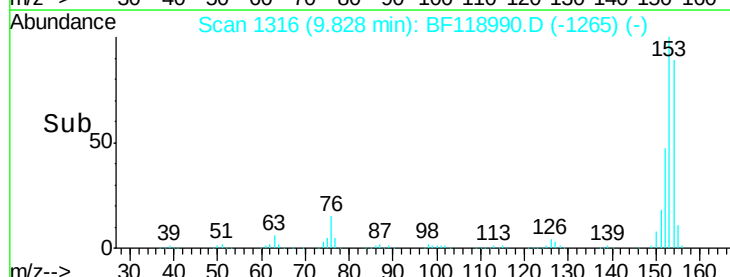
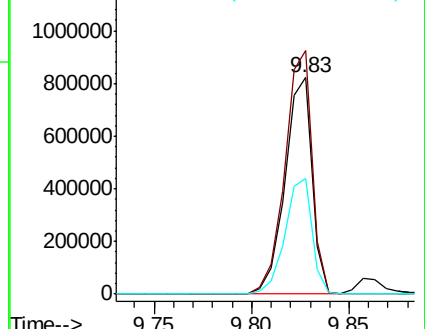
152 53.2 42.9 64.3

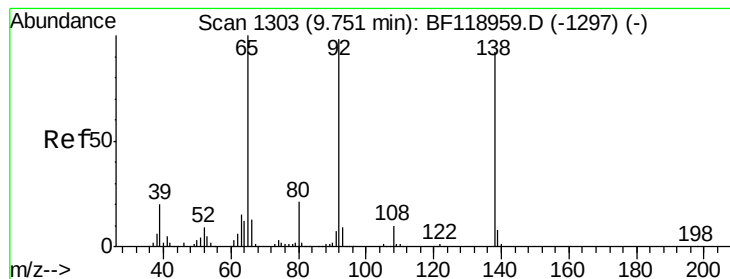


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 42.891 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

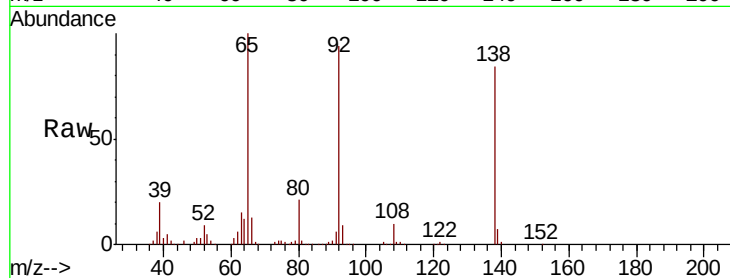
Tot Ion:138 Resp: 267877

Ion Ratio Lower Upper

138 100

108 11.5 8.6 13.0

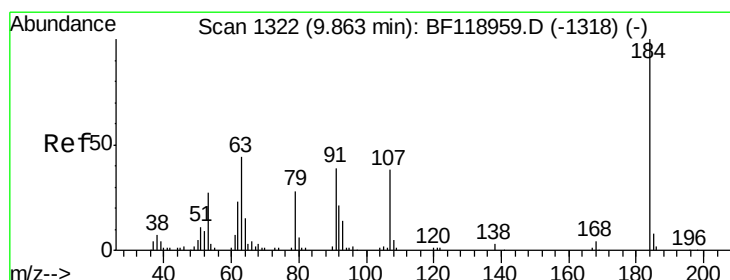
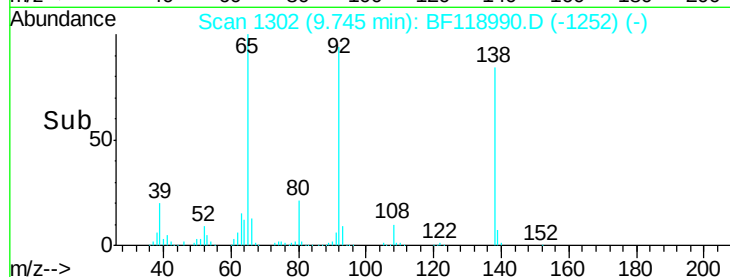
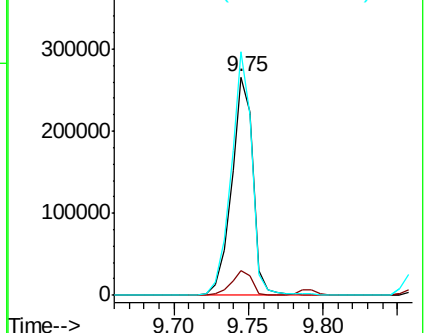
92 111.6 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 43.444 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

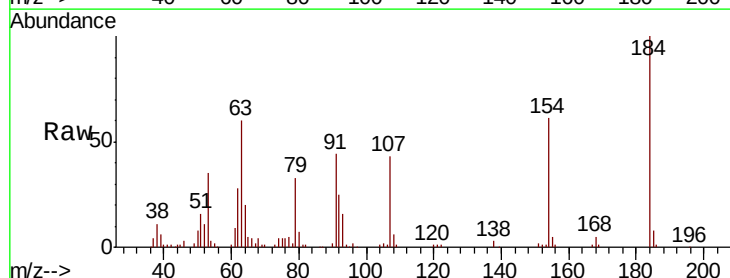
Tgt Ion:184 Resp: 108636

Ion Ratio Lower Upper

184 100

63 59.7 37.8 56.6#

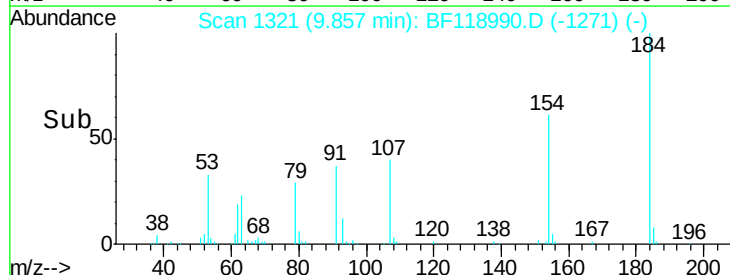
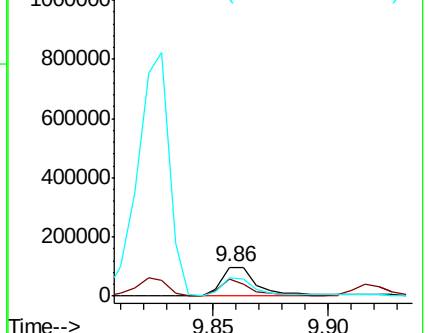
154 61.4 47.6 71.4

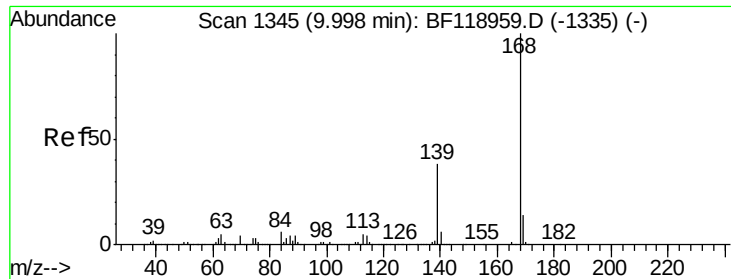


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

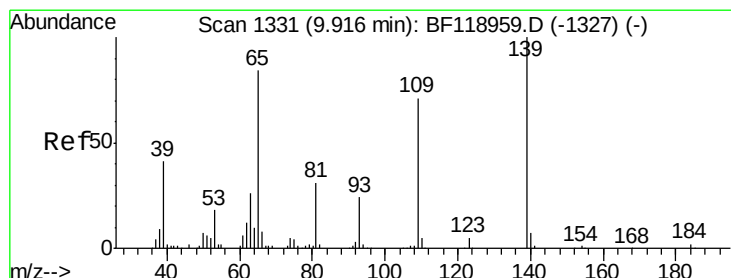
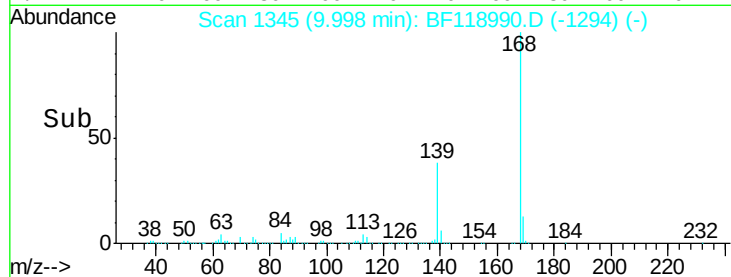
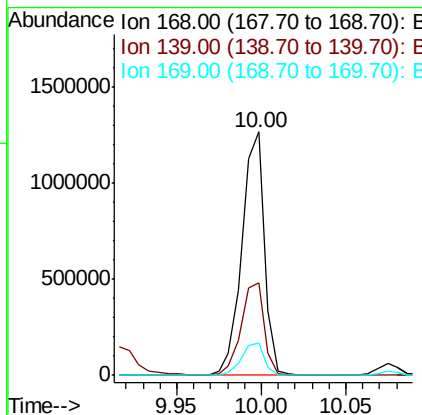
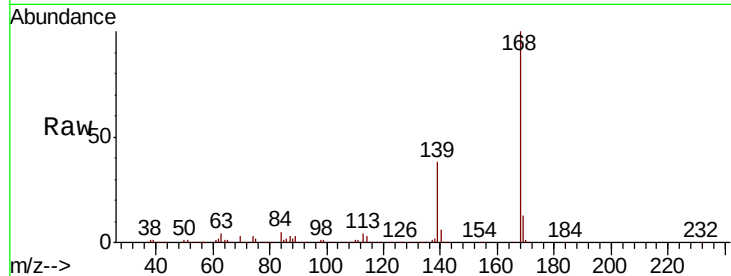




#55
Dibenzofuran
Concen: 42.153 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

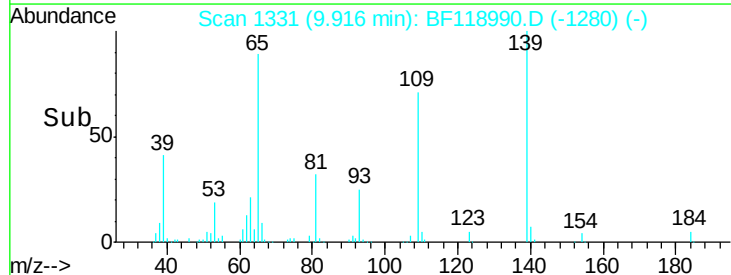
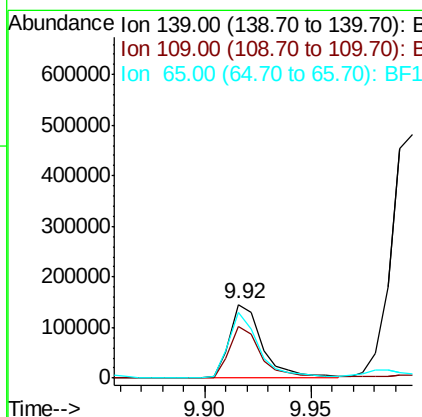
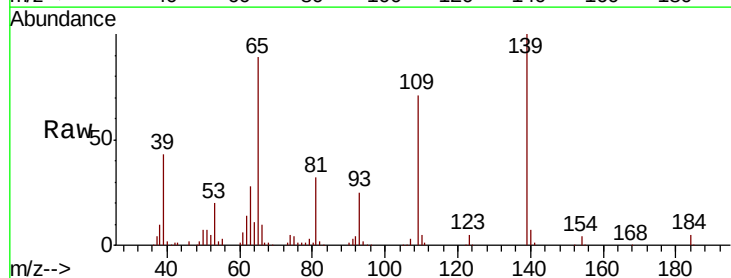
Instrument :
BNA_F
ClientSampleId :

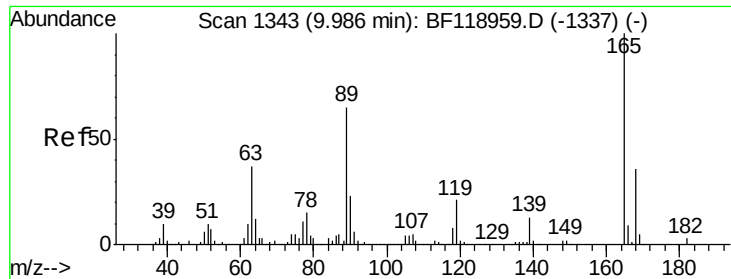
Tot Ion:168 Resp: 1183393
Ion Ratio Lower Upper
168 100
139 38.0 31.7 47.5
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 41.973 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Tgt Ion:139 Resp: 157501
Ion Ratio Lower Upper
139 100
109 70.6 51.1 91.1
65 89.0 64.7 104.7





#57

2,4-Dinitrotoluene

Concen: 43.217 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 315578

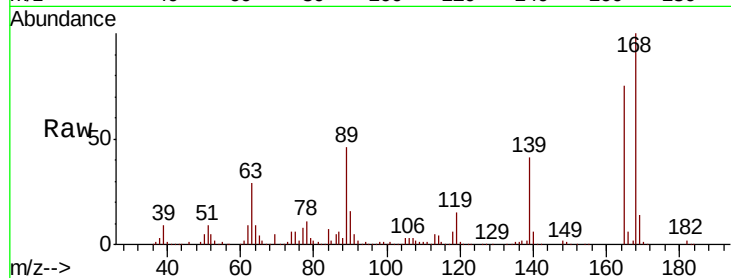
Ion Ratio Lower Upper

165 100

63 38.2 29.8 44.8

89 61.7 51.9 77.9

182 3.3 2.3 3.5

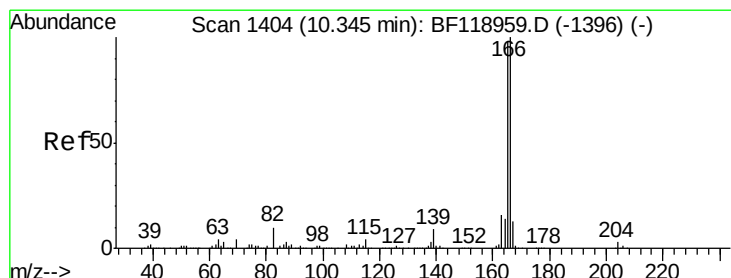
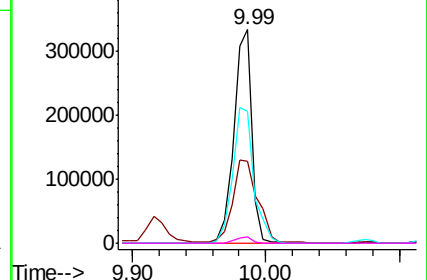
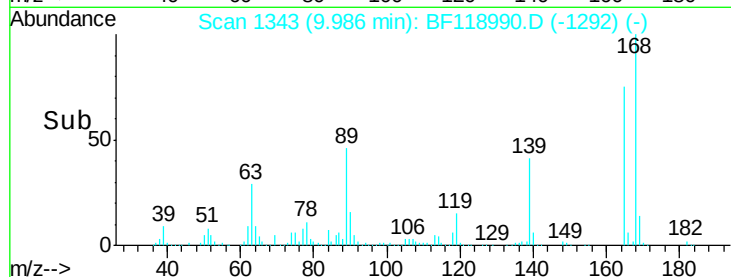


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.557 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

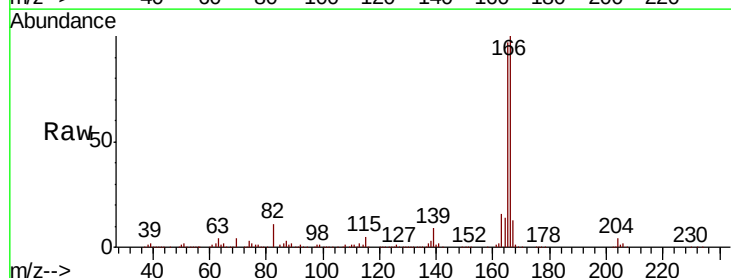
Tgt Ion:166 Resp: 928375

Ion Ratio Lower Upper

166 100

165 97.0 78.2 117.4

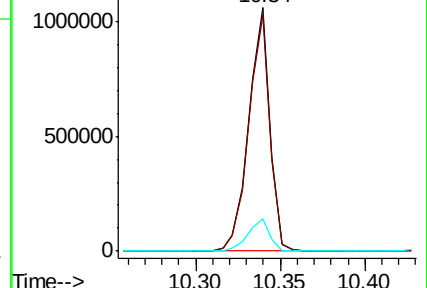
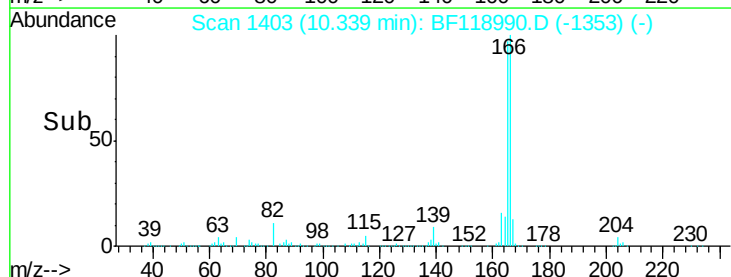
167 13.3 10.6 16.0

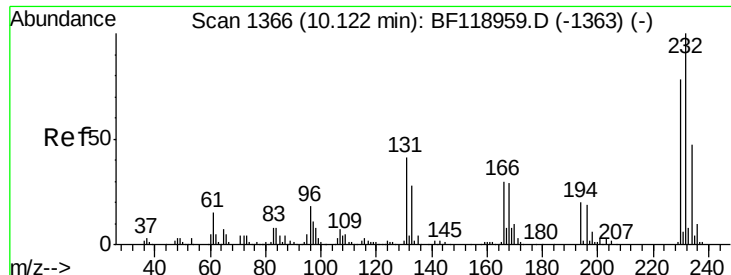


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

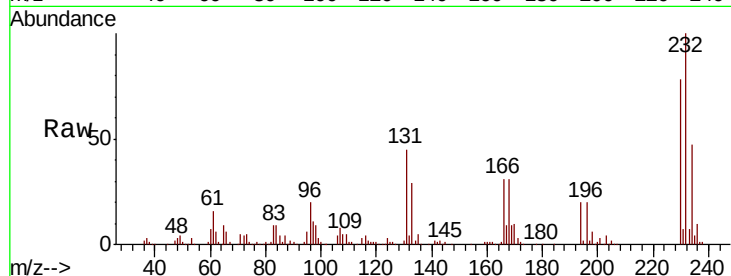




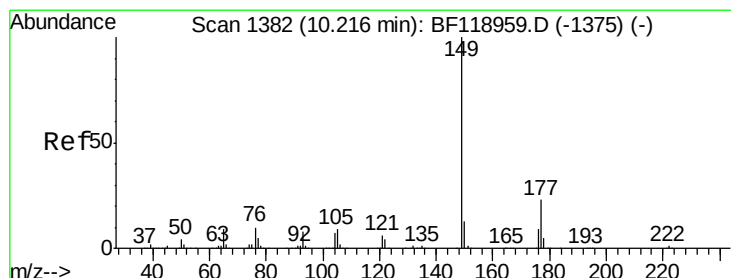
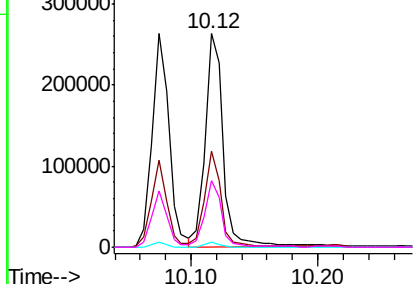
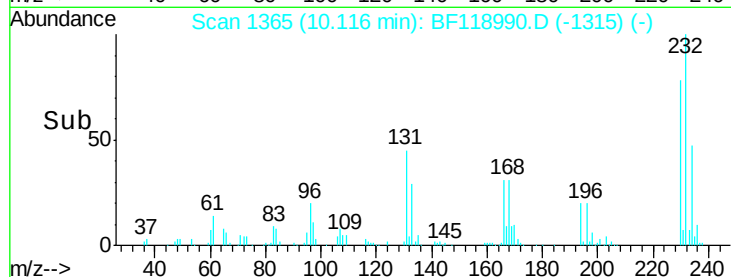
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.103 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.0	51.0
130	2.1	1.6	2.4
166	29.1	23.6	35.4

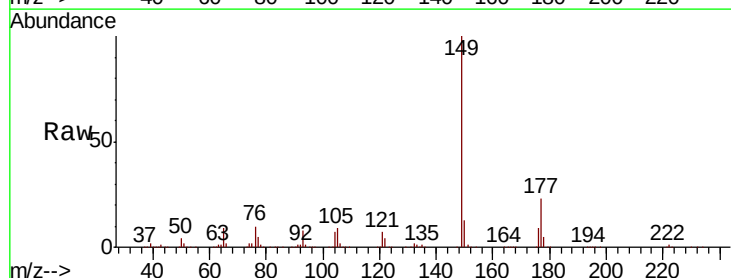


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

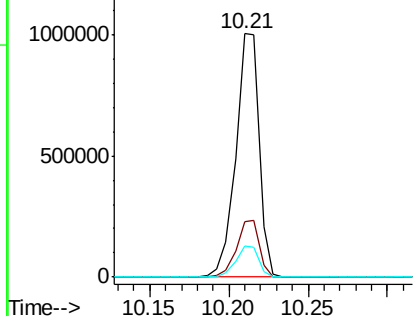
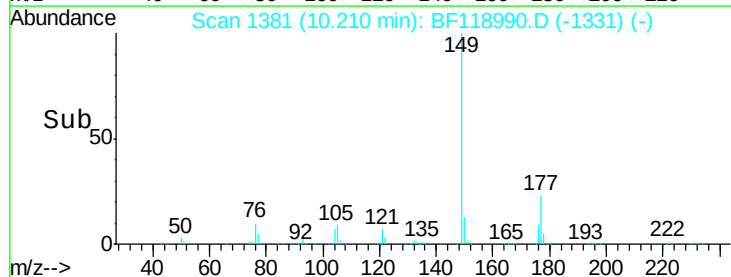


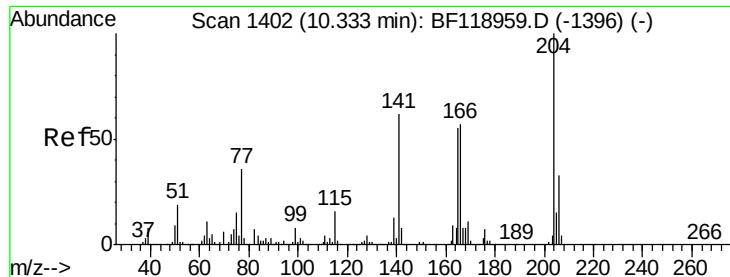
#60
Diethylphthalate
Concen: 42.778 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.1	27.1
150	13.0	10.4	15.6



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

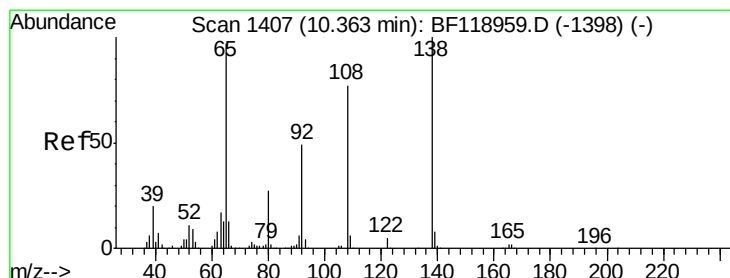
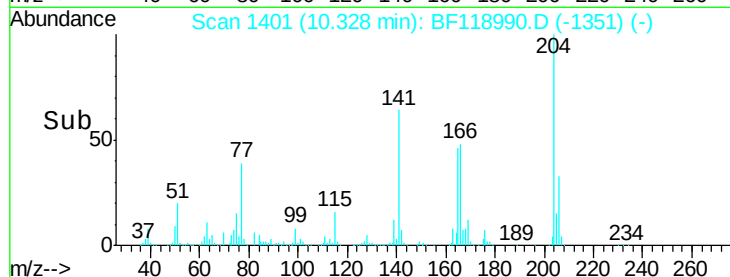
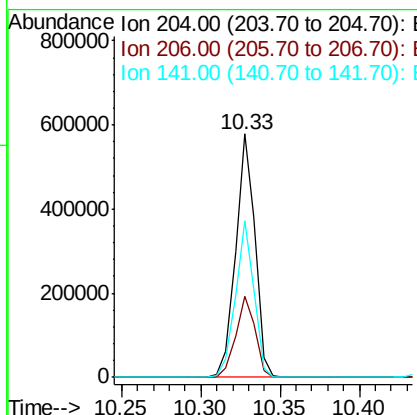
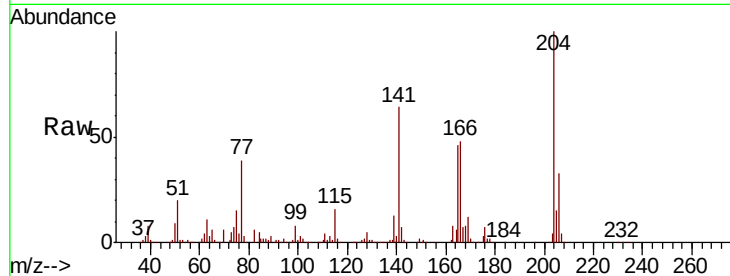




#61
 4-Chlorophenyl-phenylether
 Concen: 42.234 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

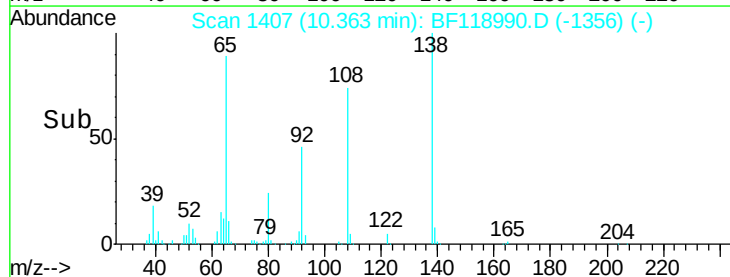
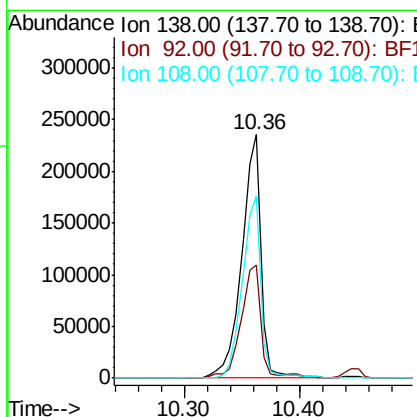
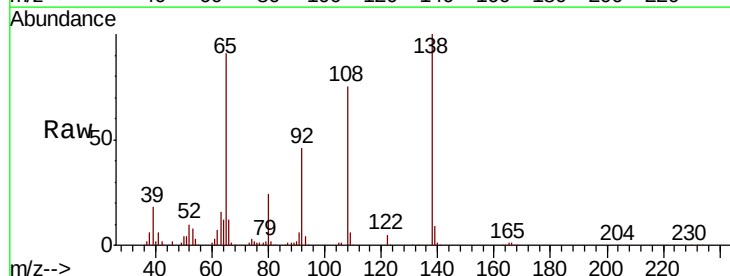
Instrument :
 BNA_F
 ClientSampleId :

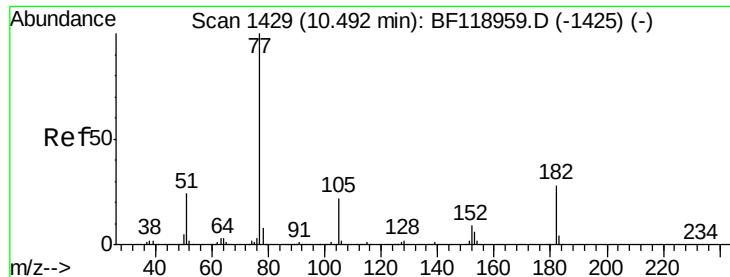
Tot Ion:	204	Resp:	487675
Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	64.3	49.5	74.3



#62
 4-Nitroaniline
 Concen: 42.663 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

Tgt Ion:	138	Resp:	272610
Ion	Ratio	Lower	Upper
138	100		
92	46.2	28.7	68.7
108	74.6	56.8	96.8





#63

Azobenzene

Concen: 42.326 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 879142

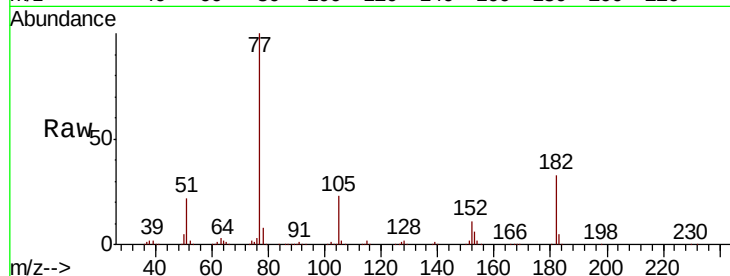
Ion Ratio Lower Upper

77 100

182 33.2 8.2 48.2

105 23.1 2.3 42.3

51 22.3 3.6 43.6

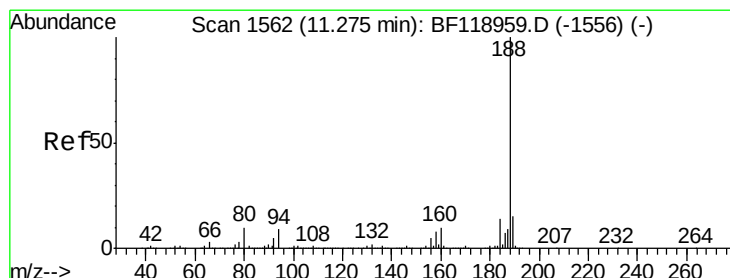
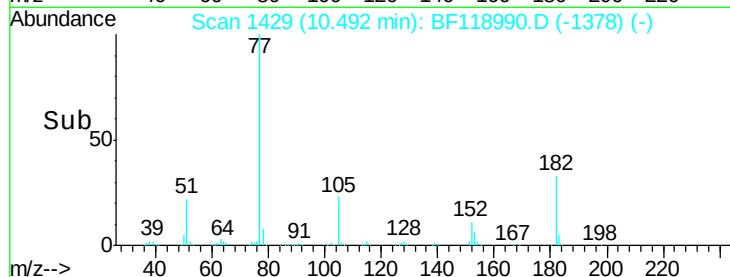
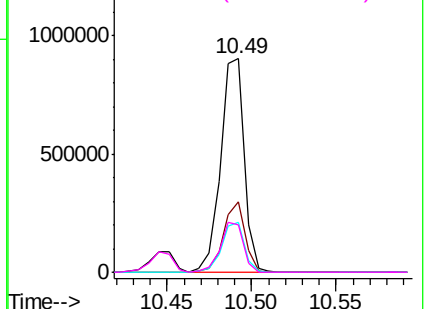


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

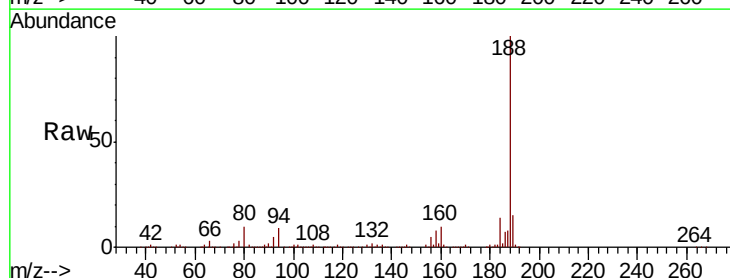
Tgt Ion: 188 Resp: 614645

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

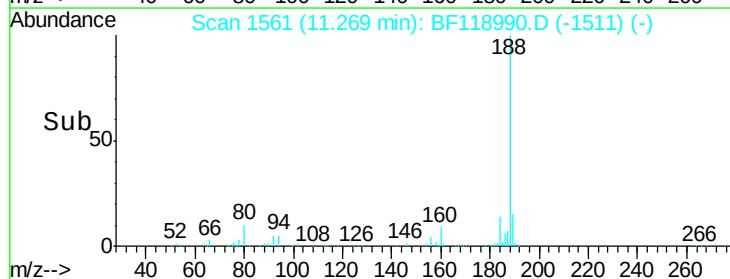
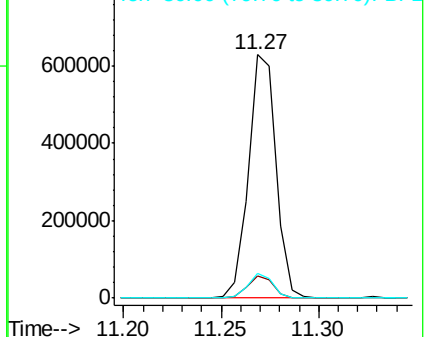
80 10.1 7.9 11.9

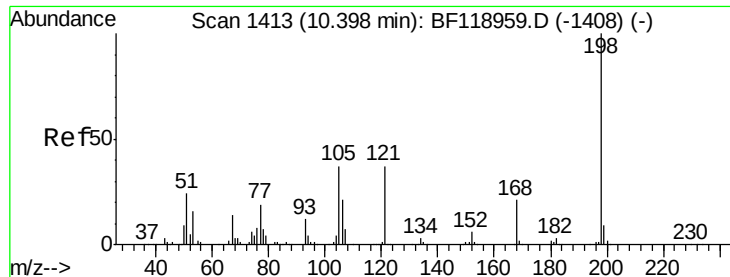


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

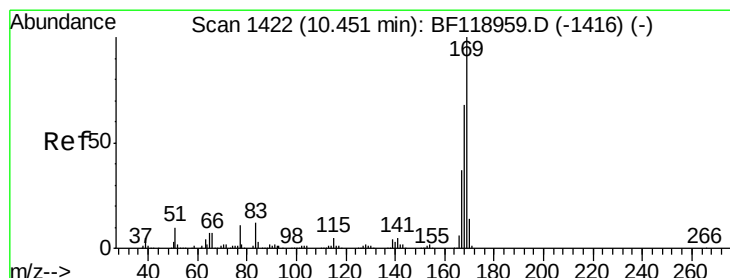
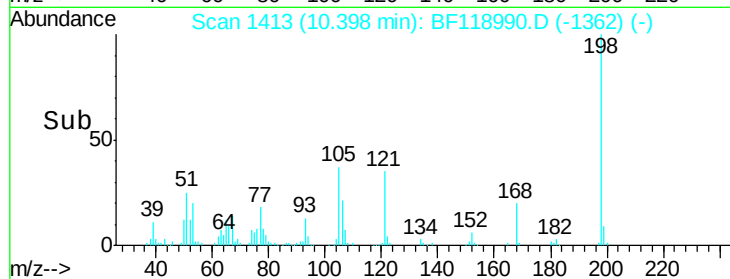
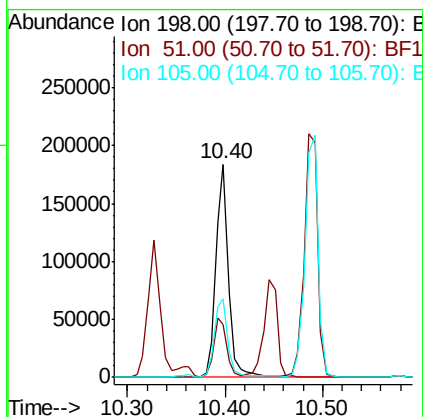
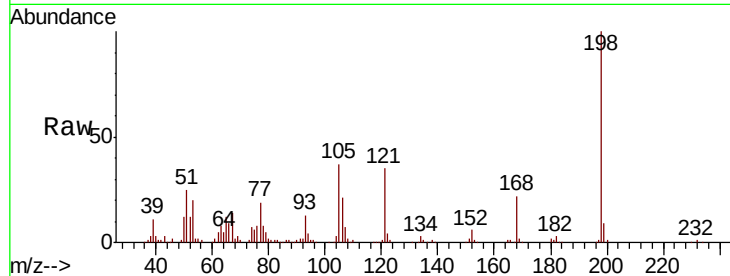




#65
4,6-Dinitro-2-methylphenol
Concen: 44.563 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

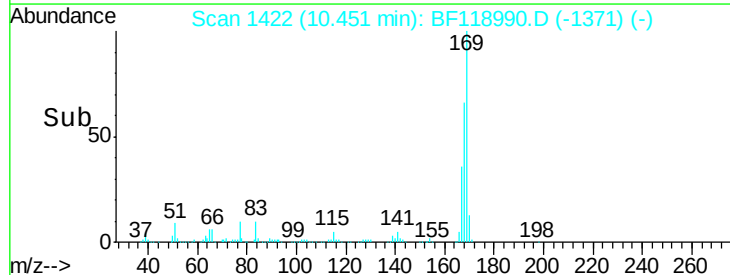
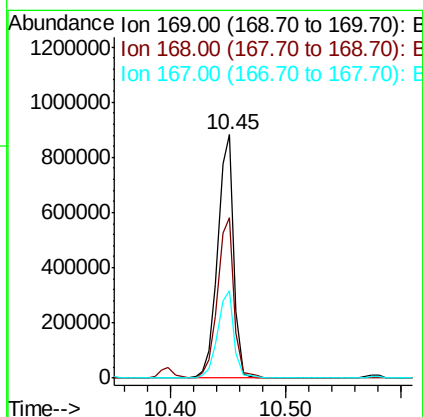
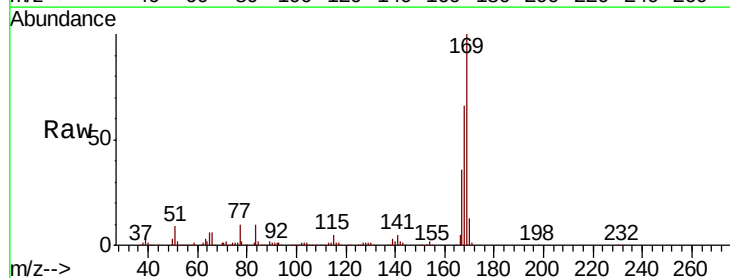
Instrument :
BNA_F
ClientSampled :

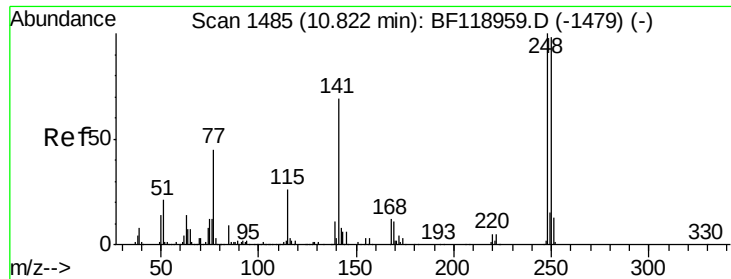
Tot Ion:198 Resp: 165744
Ion Ratio Lower Upper
198 100
51 25.1 7.1 47.1
105 37.0 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 42.054 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Tgt Ion:169 Resp: 846368
Ion Ratio Lower Upper
169 100
168 65.8 54.2 81.2
167 35.9 29.4 44.2

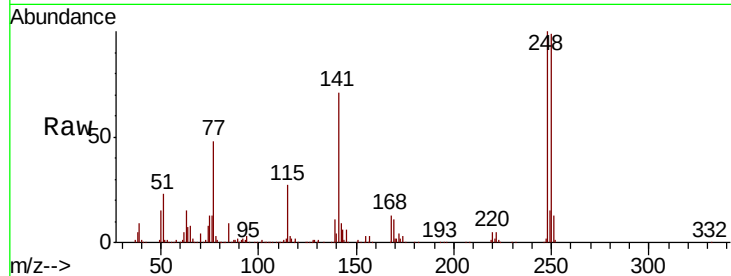




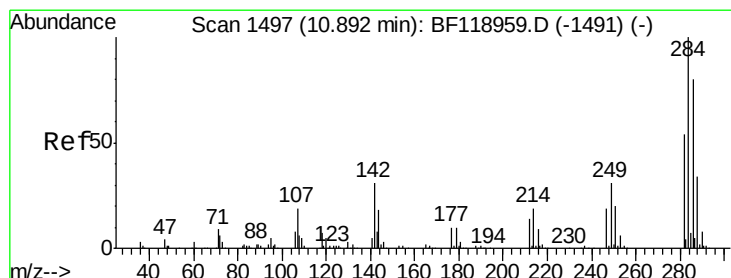
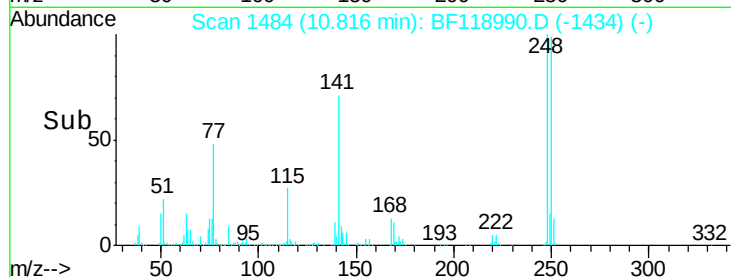
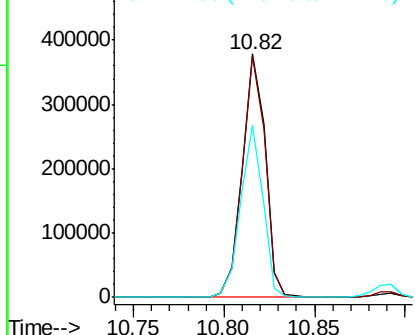
#67
4-Bromophenyl-phenylether
Concen: 41.747 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.8	118.2
141	70.8	55.3	82.9

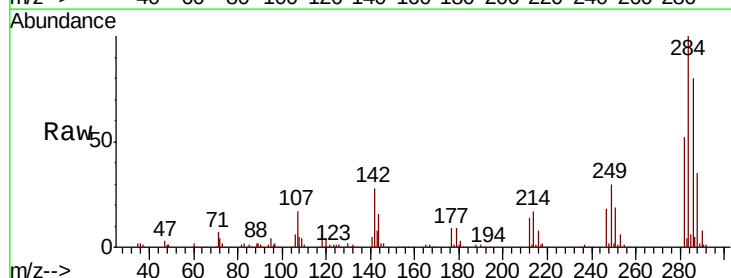


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

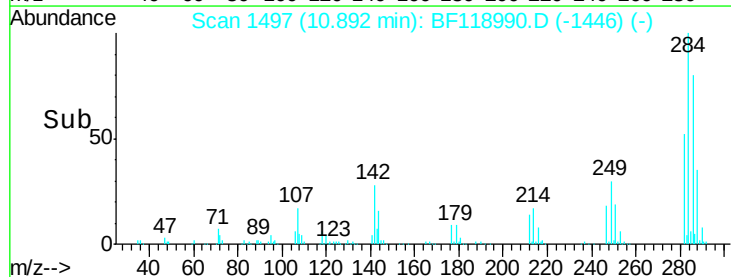
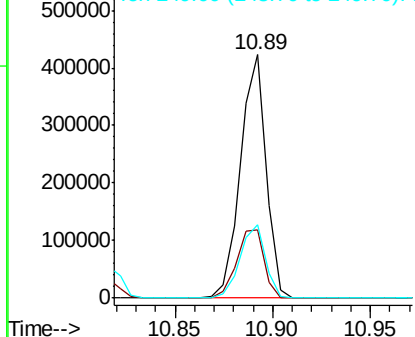


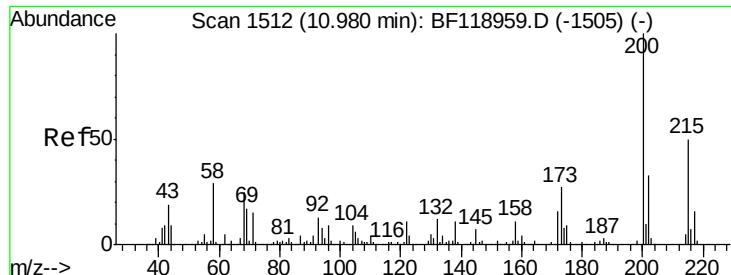
#68
Hexachlorobenzene
Concen: 41.428 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	25.0	37.6
249	30.0	25.0	37.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

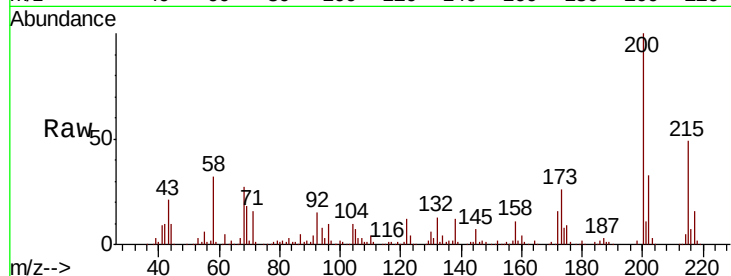




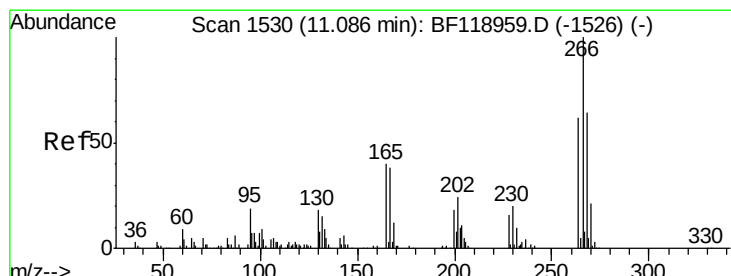
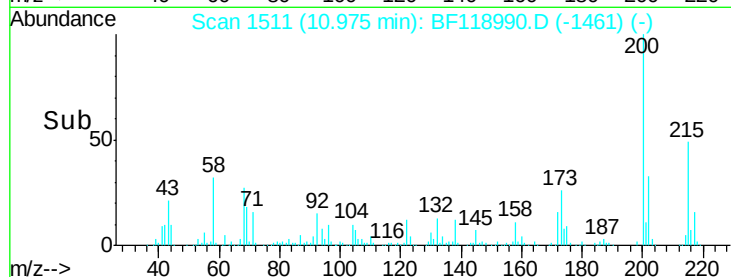
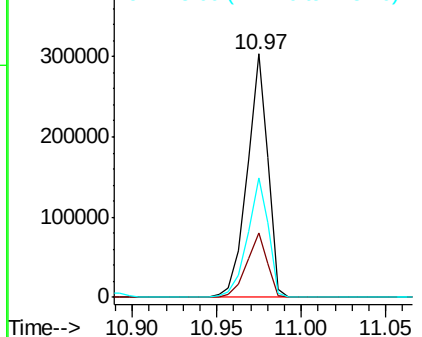
#69
 Atrazine
 Concen: 36.922 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.9	46.9
215	49.3	29.7	69.7

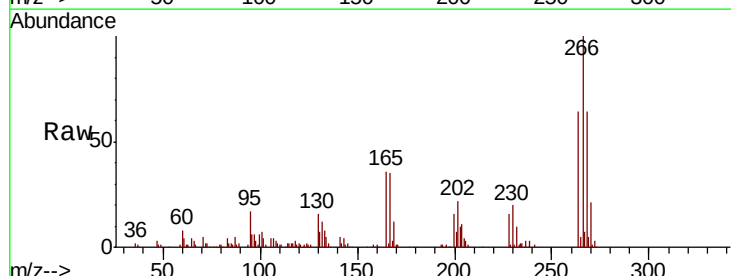


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

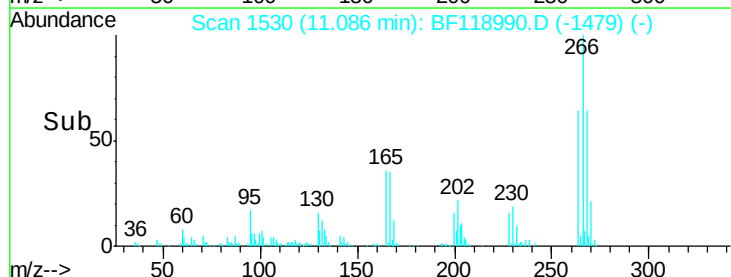
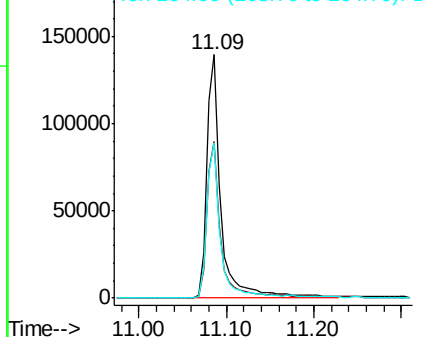


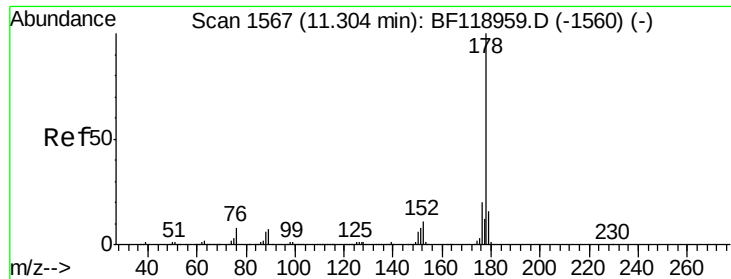
#70
 Pentachlorophenol
 Concen: 42.278 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.4	77.0
264	63.7	49.5	74.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

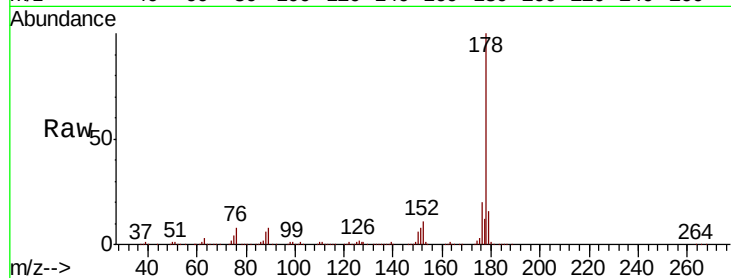




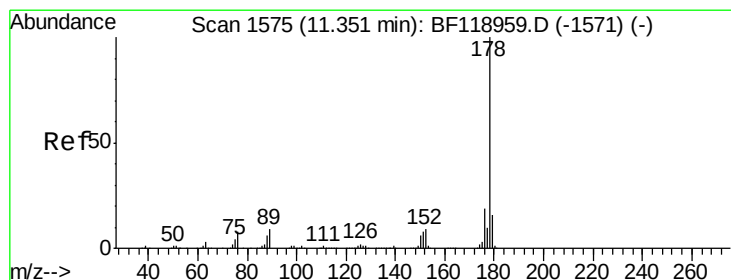
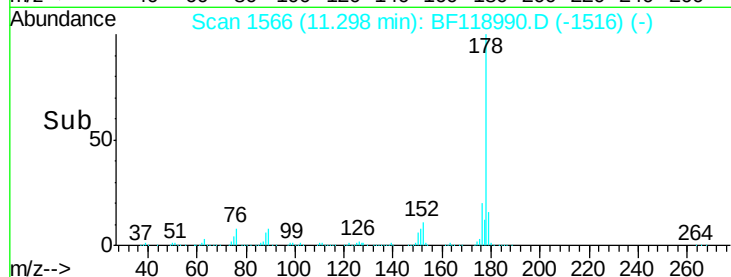
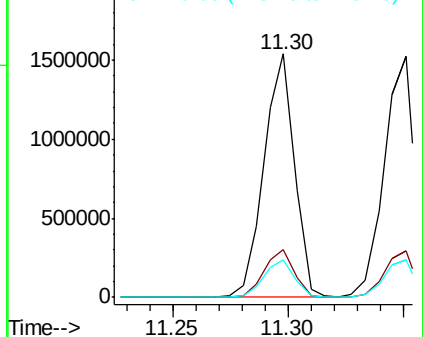
#71
Phenanthrene
Concen: 42.224 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1415323
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.6 12.6 18.8

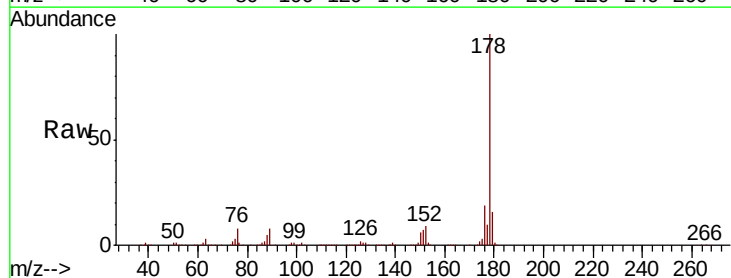


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

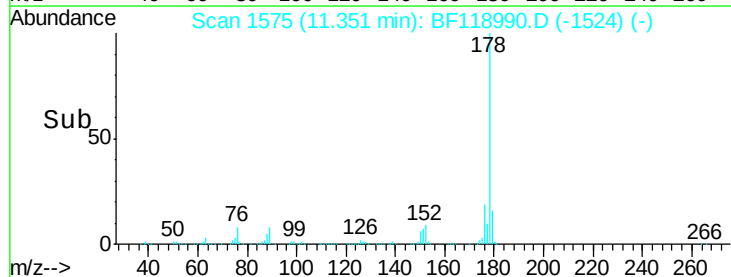
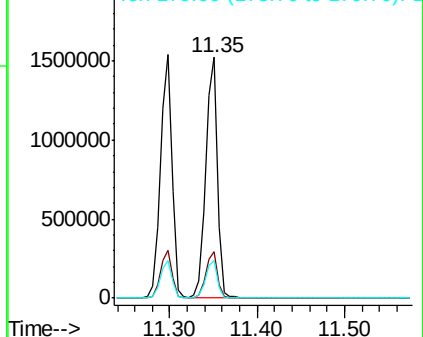


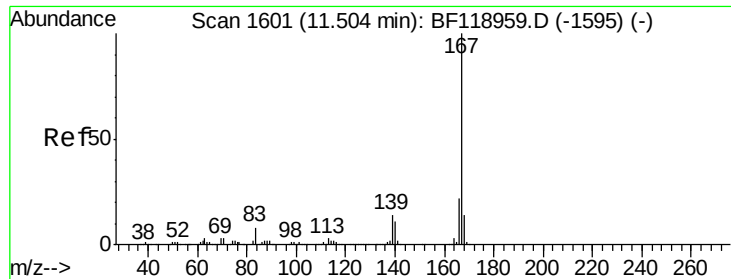
#72
Anthracene
Concen: 42.132 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Tgt Ion:178 Resp: 1411084
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.7 12.8 19.2



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





#73

Carbazole

Concen: 42.556 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

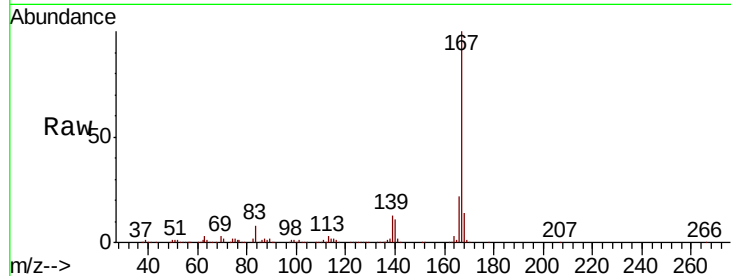
Tot Ion:167 Resp: 1269741

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.6

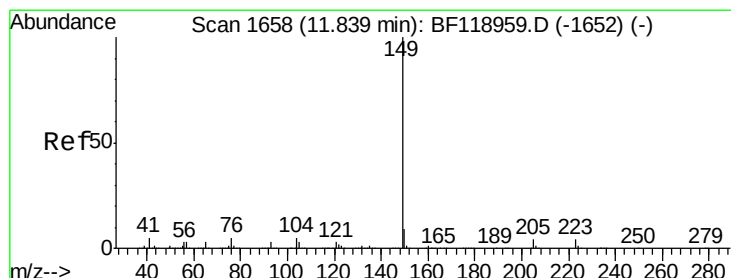
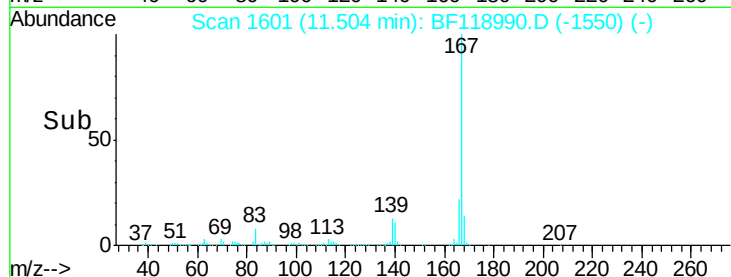
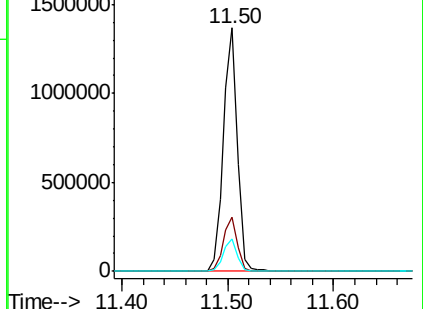
139 13.3 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.560 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

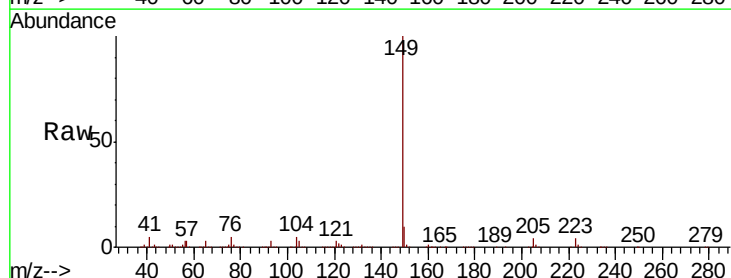
Tgt Ion:149 Resp: 1573944

Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

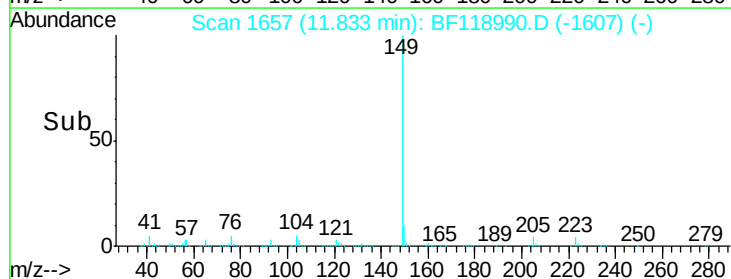
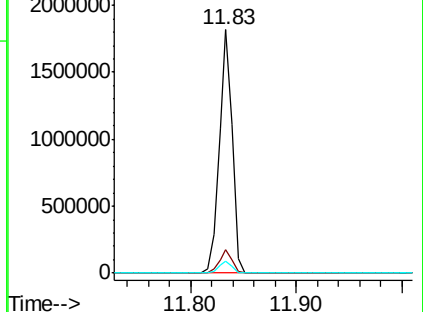
104 5.1 4.0 6.0

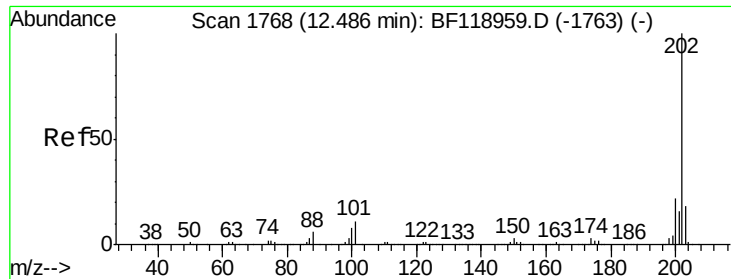


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

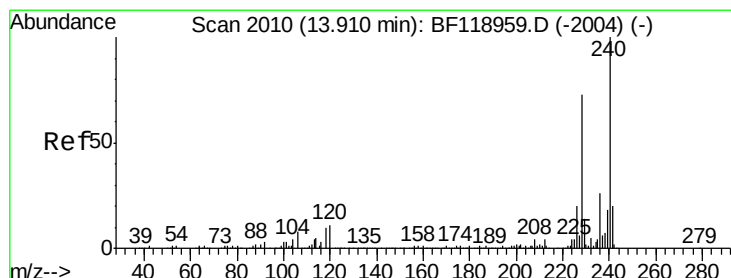
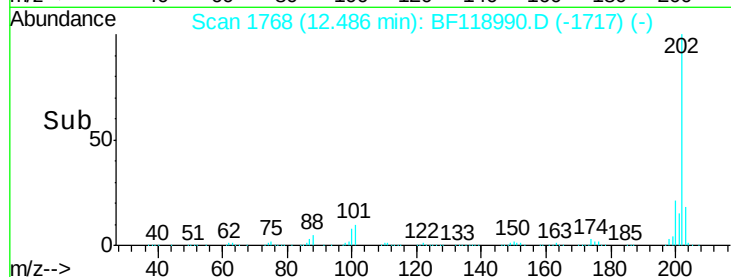
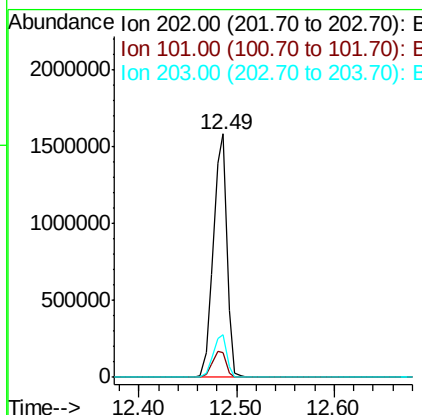
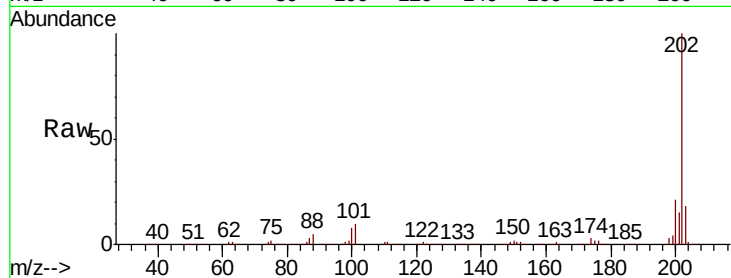




#75
 Fluoranthene
 Concen: 42.749 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

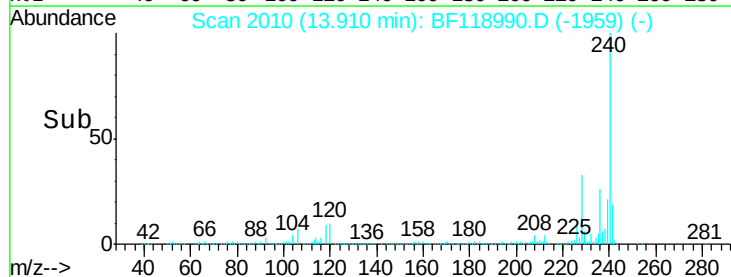
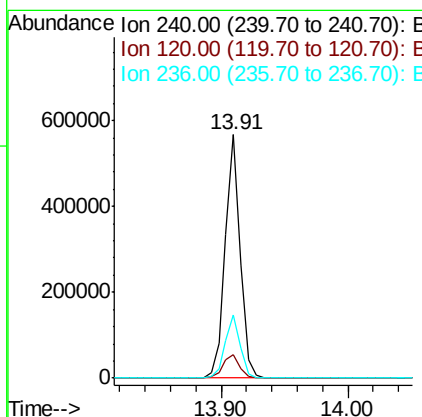
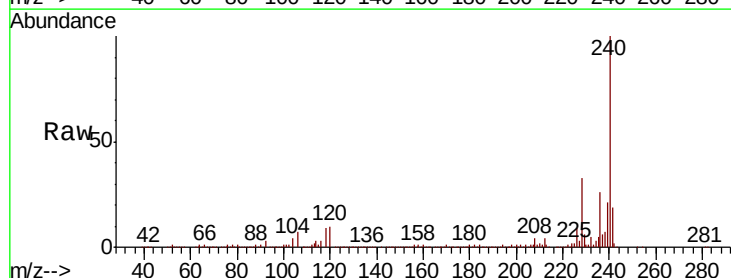
Instrument :
 BNA_F
 ClientSampleId :

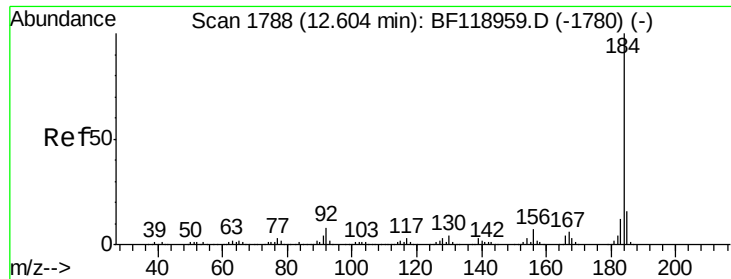
Tot Ion:202 Resp: 1521014
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 31.1
 203 17.7 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF118990.D
 Acq: 21 Feb 2020 13:44

Tgt Ion:240 Resp: 464767
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.9 13.3
 236 26.2 20.6 30.8





#77

Benzidine

Concen: 37.935 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

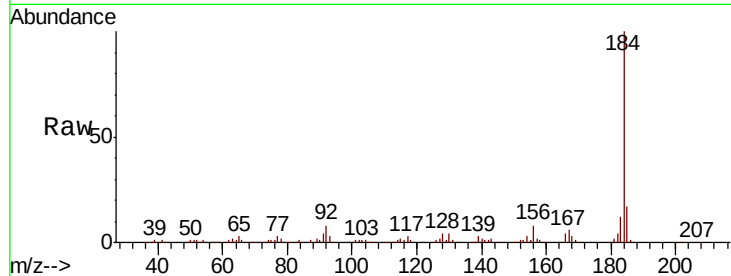
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 717036

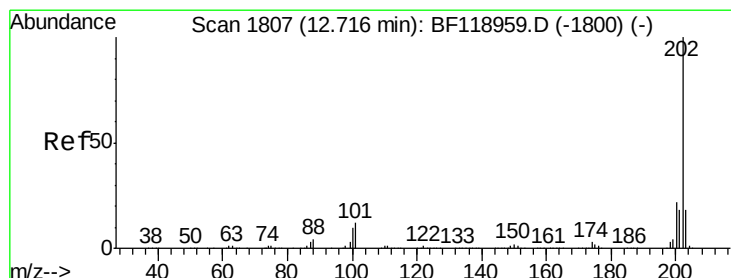
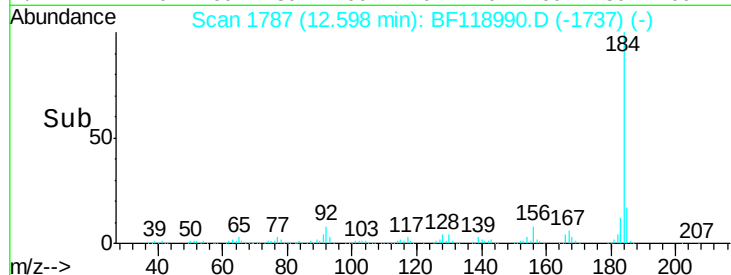
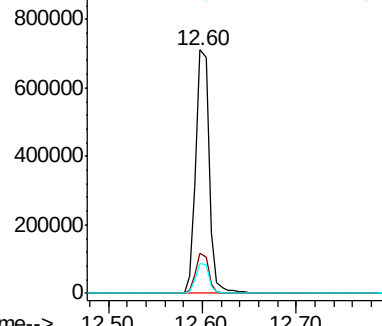
Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.6	19.0
183	12.4	9.9	14.9



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: 40.588 ng

RT: 12.71 min Scan# 1806

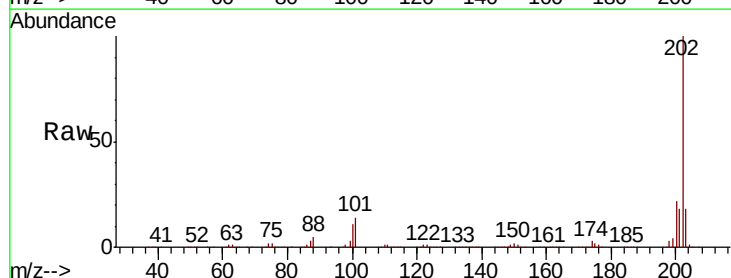
Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Tgt Ion:202 Resp: 1514738

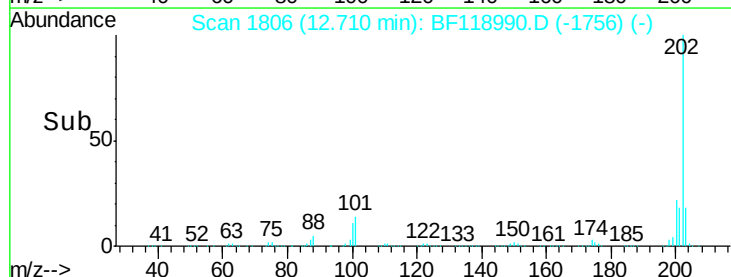
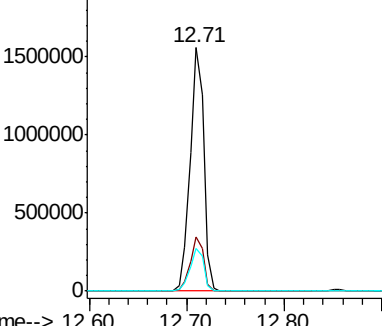
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.0
203	17.7	14.5	21.7

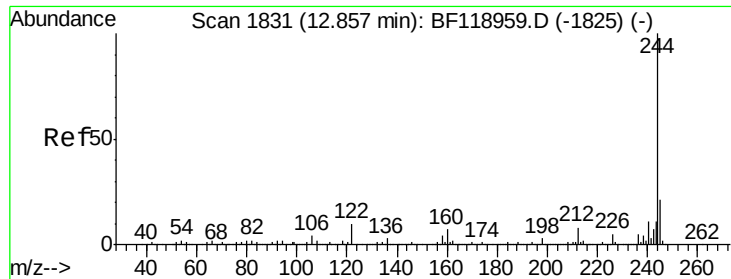


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.874 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampled :

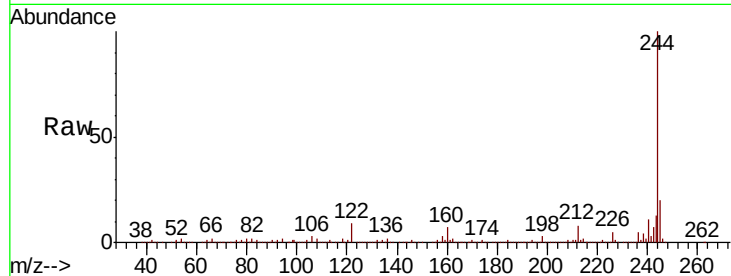
Tot Ion:244 Resp: 2183189

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

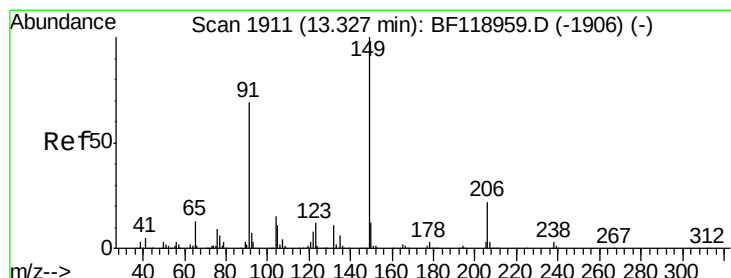
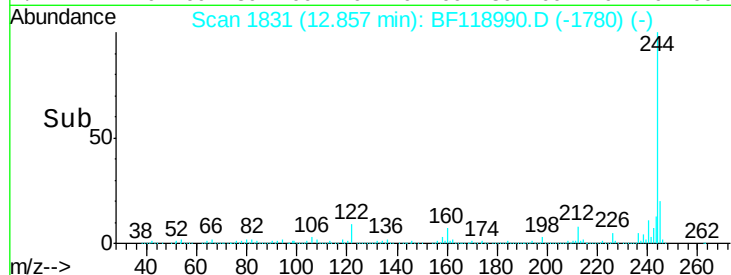
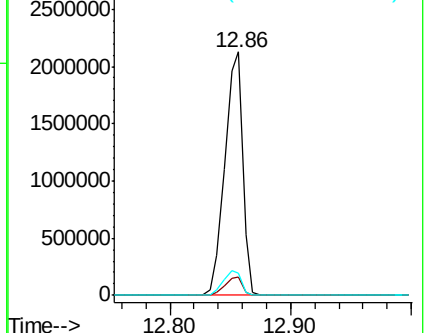
122 9.3 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.221 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

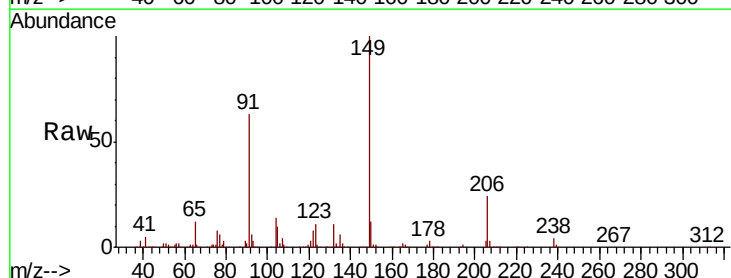
Tgt Ion:149 Resp: 678867

Ion Ratio Lower Upper

149 100

91 62.9 55.4 83.2

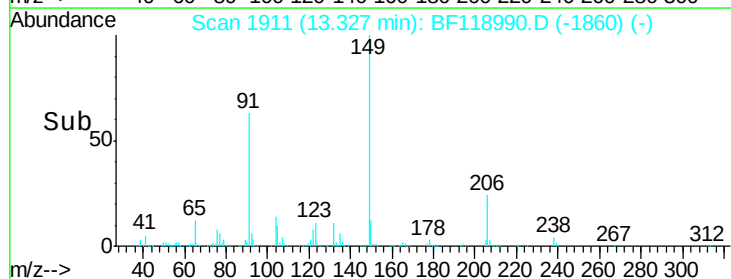
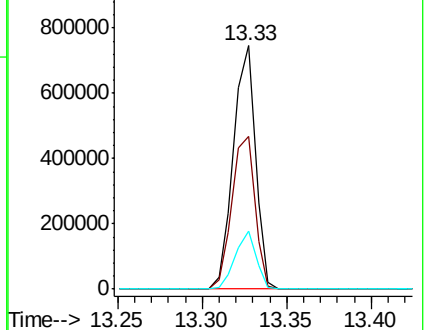
206 23.9 17.7 26.5

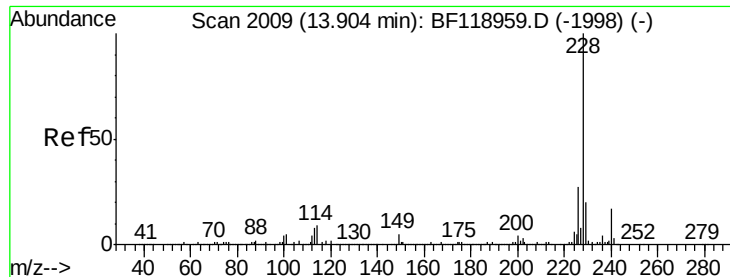


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.954 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

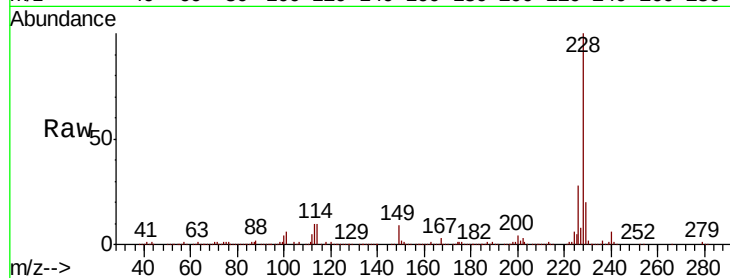
Tot Ion:228 Resp: 1328581

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

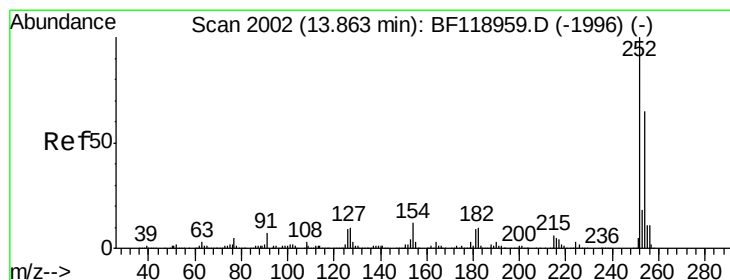
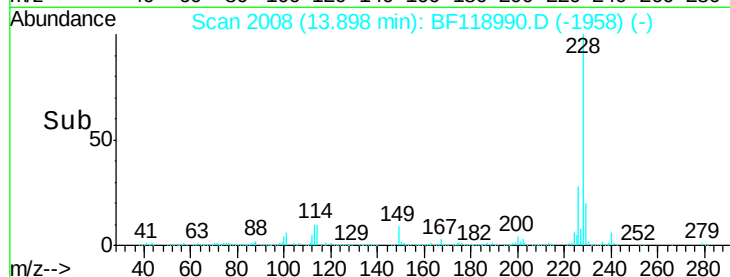
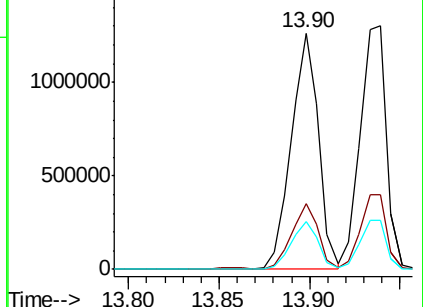
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.538 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

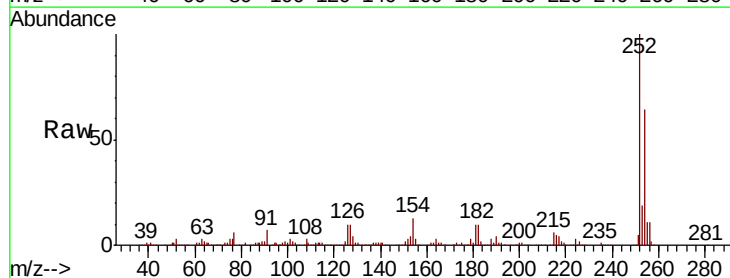
Tgt Ion:252 Resp: 535375

Ion Ratio Lower Upper

252 100

254 64.4 52.1 78.1

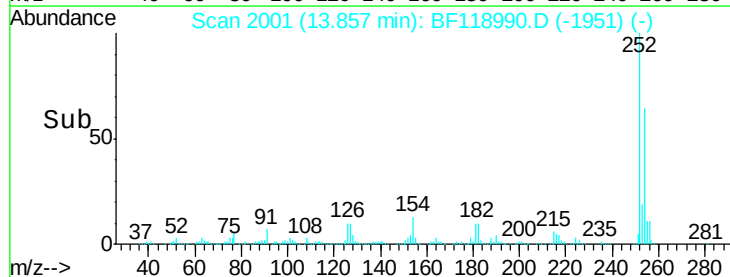
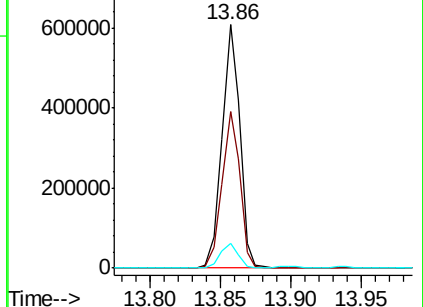
126 10.3 7.3 10.9

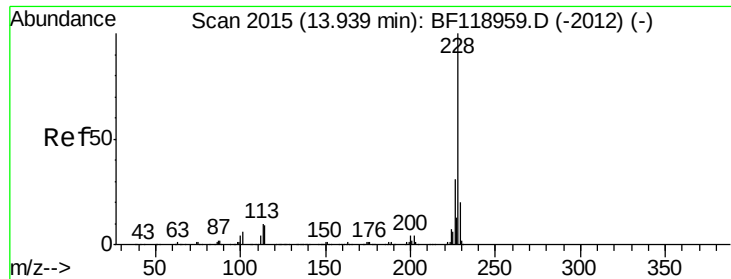


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.511 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

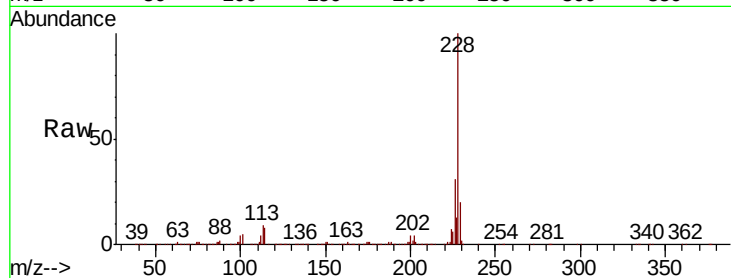
Tot Ion:228 Resp: 1309849

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

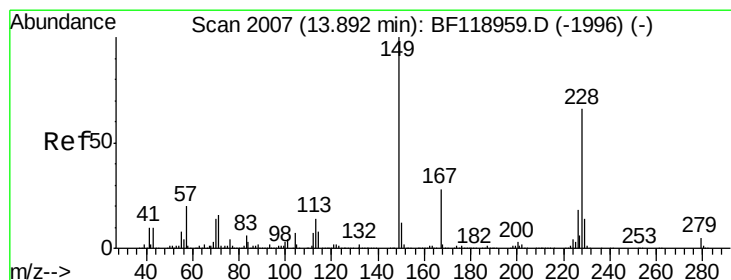
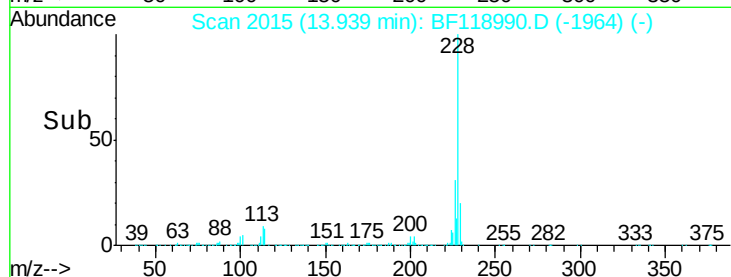
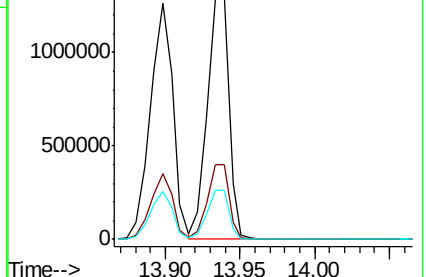
229 20.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.981 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

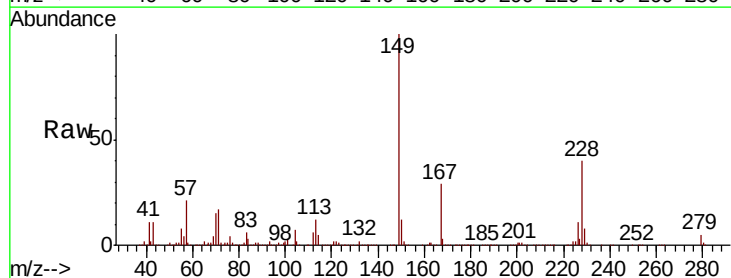
Tgt Ion:149 Resp: 872735

Ion Ratio Lower Upper

149 100

167 28.8 22.3 33.5

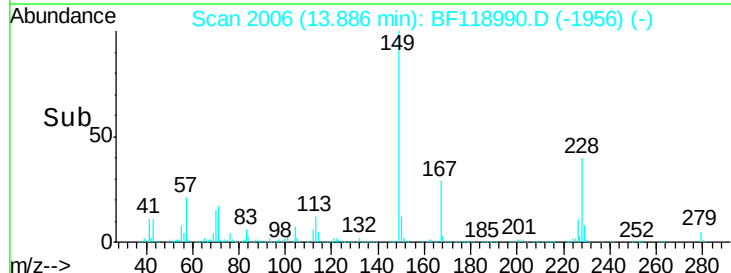
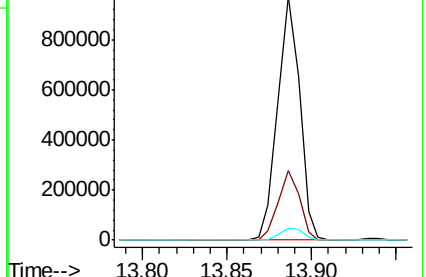
279 5.1 4.2 6.4

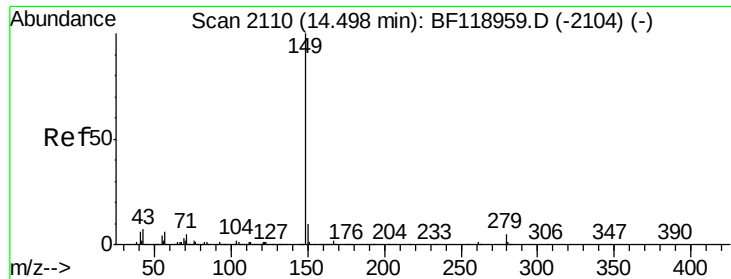


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.277 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampleId :

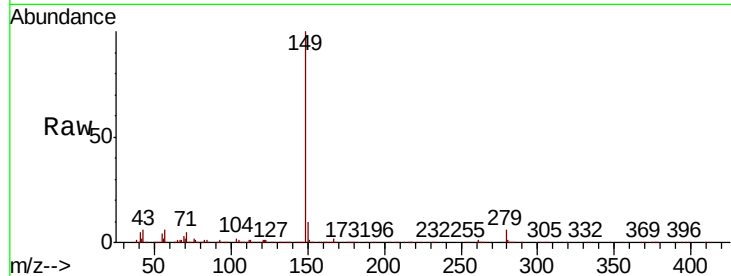
Tot Ion:149 Resp: 1431517

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

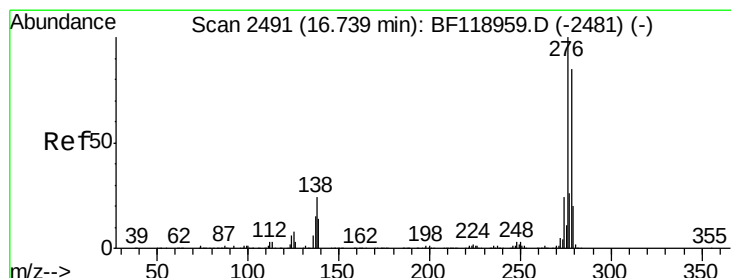
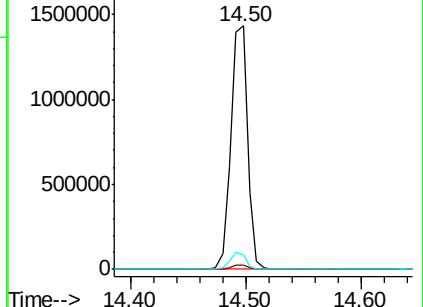
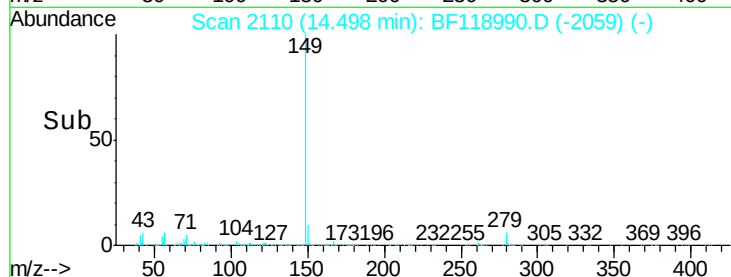
43 6.6 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.385 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

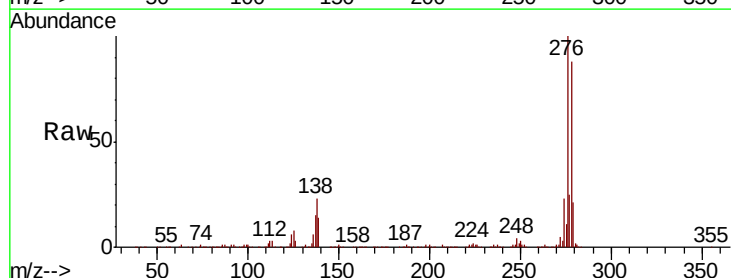
Tgt Ion:276 Resp: 1172776

Ion Ratio Lower Upper

276 100

138 22.1 18.7 28.1

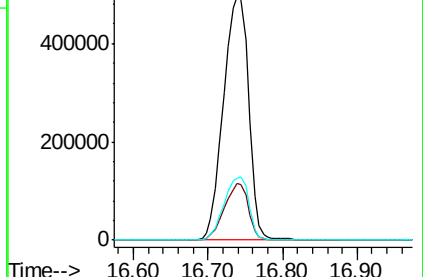
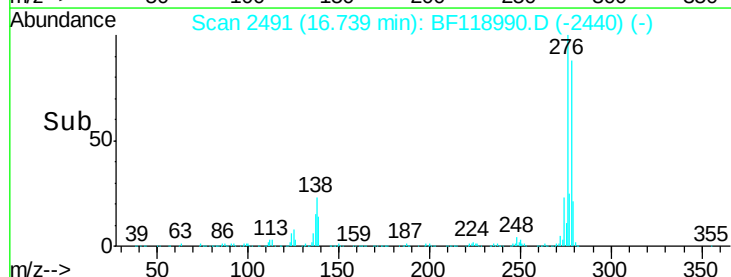
277 25.6 20.3 30.5

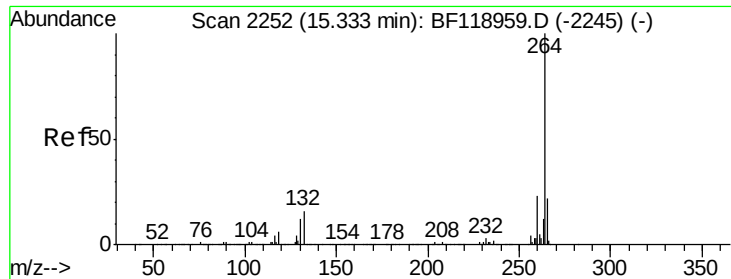


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

Instrument :

BNA_F

ClientSampled :

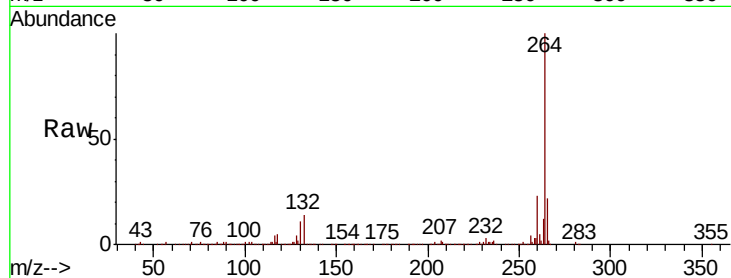
Tot Ion:264 Resp: 459649

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

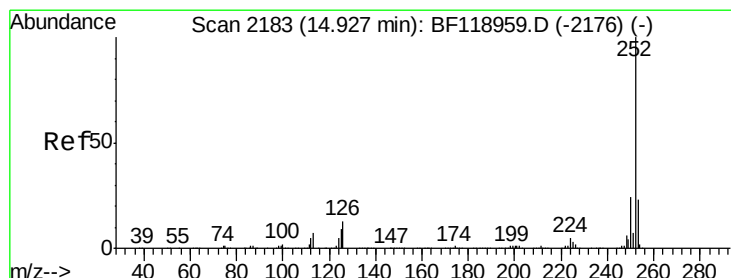
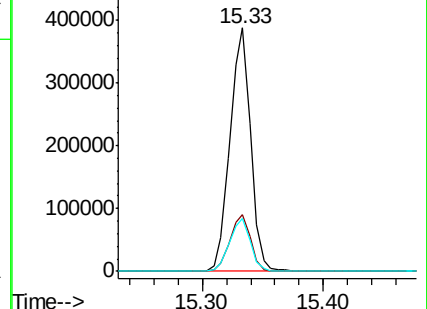
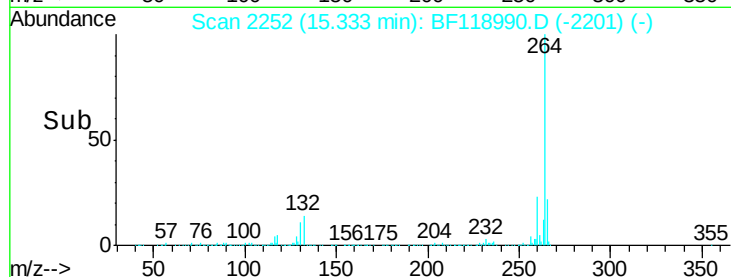
265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.022 ng

RT: 14.93 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BF118990.D

Acq: 21 Feb 2020 13:44

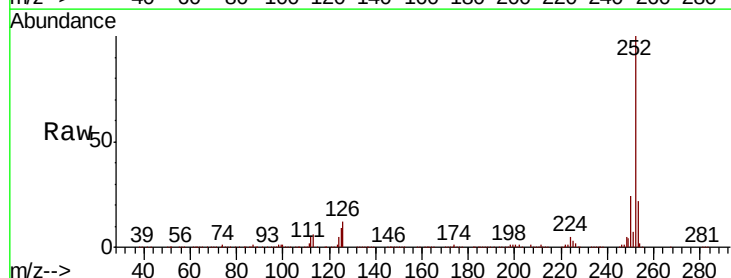
Tgt Ion:252 Resp: 1303453

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

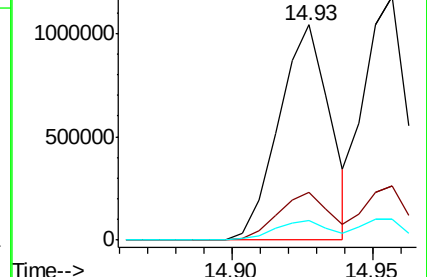
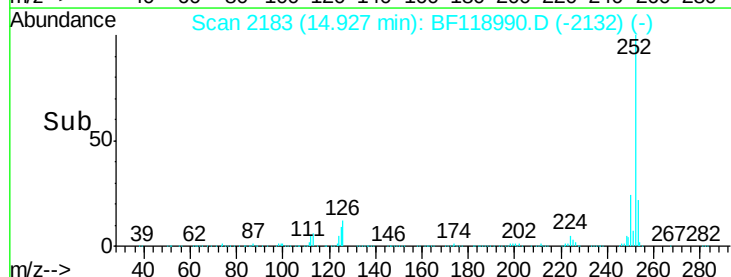
125 8.9 7.4 11.0

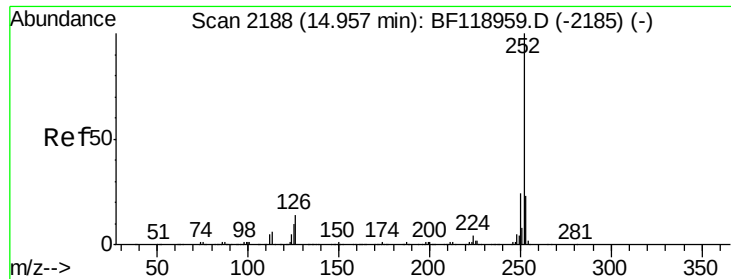


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

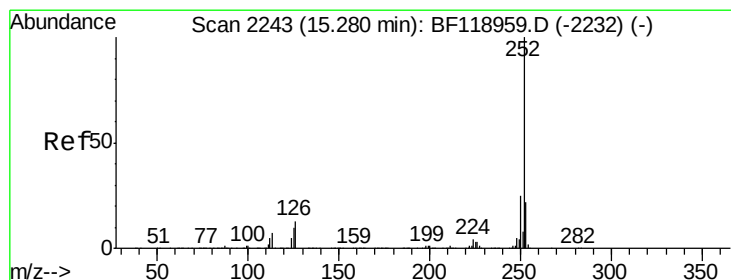
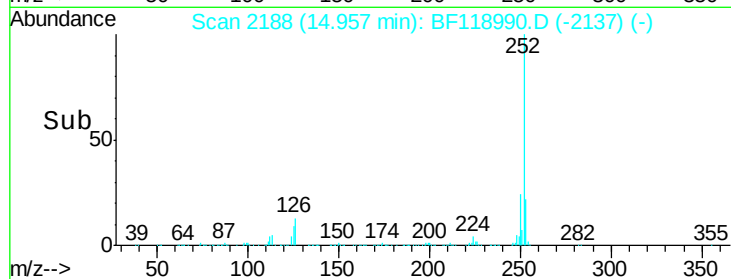
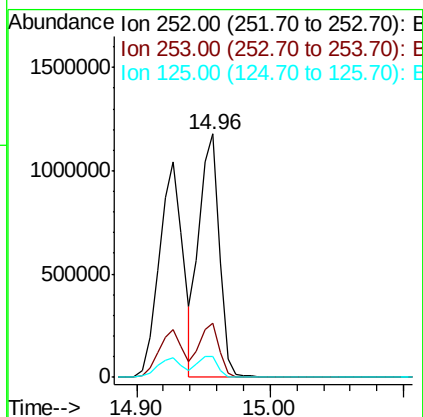
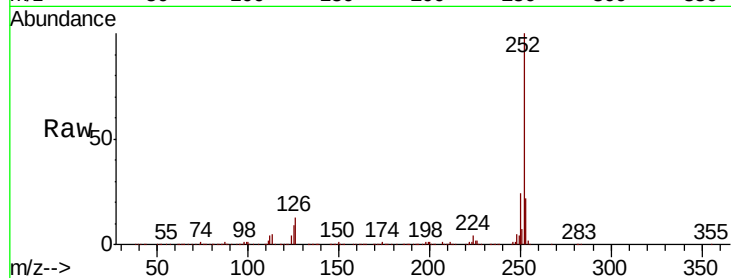




#89
Benzo(k)fluoranthene
Concen: 43.754 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

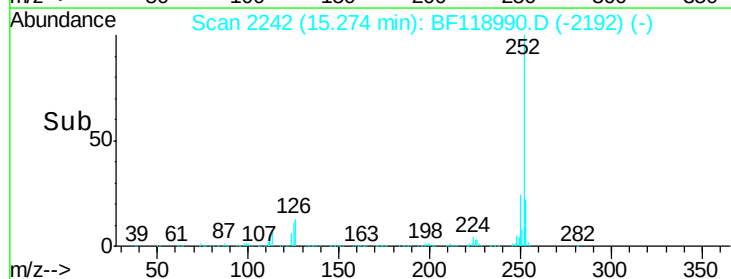
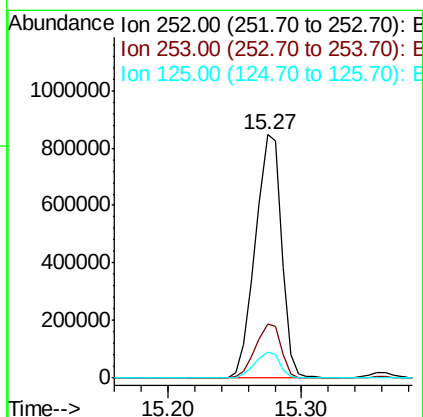
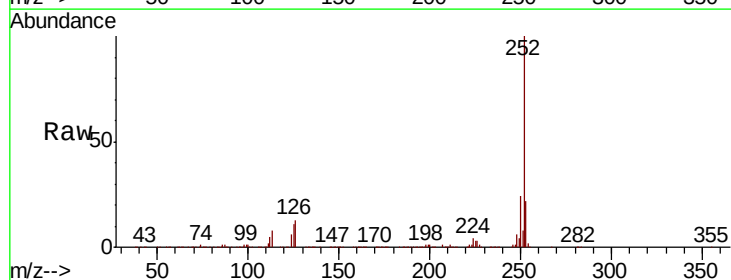
Instrument :
BNA_F
ClientSampleId :

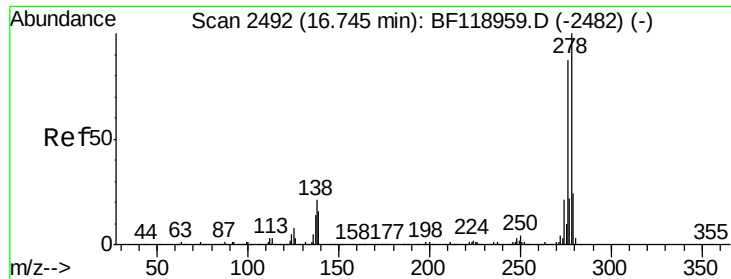
Tot Ion:252 Resp: 1228493
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 8.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 41.858 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Tgt Ion:252 Resp: 1144590
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.6 7.8 11.6



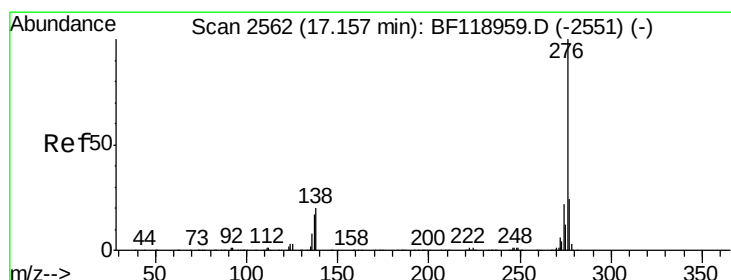
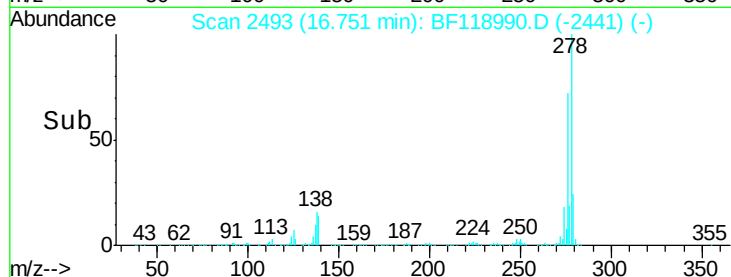
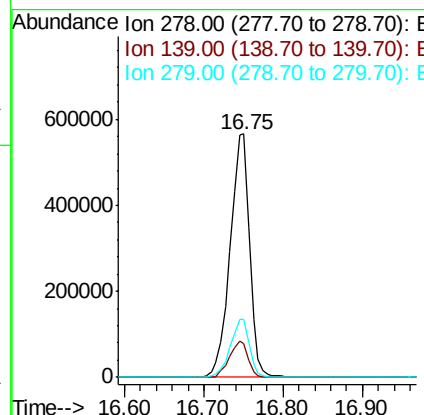
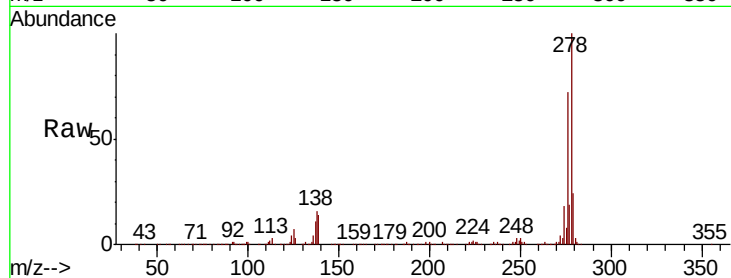


#91
Dibenzo(a,h)anthracene
Concen: 40.077 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 964241

Ion	Ratio	Lower	Upper
278	100		
139	13.8	12.6	18.8
279	23.6	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 39.296 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.01 min
Lab File: BF118990.D
Acq: 21 Feb 2020 13:44

Tgt Ion:276 Resp: 934147

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	17.9	16.2	24.4

