

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118958.D
 Acq On : 20 Feb 2020 13:43
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 15:27:39 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 15:19:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	161997	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	609169	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	337828	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	630357	20.00	ng	0.00
76) Chrysene-d12	13.91	240	496168	20.00	ng	0.00
87) Perylene-d12	15.33	264	487545	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	418675	49.22	ng	0.00
7) Phenol-d6	6.39	99	510625	47.49	ng	-0.01
23) Nitrobenzene-d5	7.32	82	466518	42.59	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	184471	44.08	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	993013	47.48	ng	0.00
79) Terphenyl-d14	12.85	244	1243577	49.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	87437	22.939	ng	99
3) Pyridine	3.18	79	230231	21.875	ng	99
4) n-Nitrosodimethylamine	3.10	42	68687	21.191	ng	96
6) Aniline	6.42	93	315938	22.468	ng	99
8) 2-Chlorophenol	6.55	128	225667	21.952	ng	98
9) Benzaldehyde	6.31	77	175975	27.404	ng	98
10) Phenol	6.41	94	281536	22.902	ng	85
11) bis(2-Chloroethyl)ether	6.49	93	203802	21.111	ng	99
12) 1,3-Dichlorobenzene	6.70	146	270639	21.946	ng	99
13) 1,4-Dichlorobenzene	6.77	146	266759	21.576	ng	98
14) 1,2-Dichlorobenzene	6.93	146	251678	22.167	ng	99
15) Benzyl Alcohol	6.90	79	183902	21.927	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	177732	20.418	ng	99
17) 2-Methylphenol	7.02	107	180076	21.385	ng	98
18) Hexachloroethane	7.27	117	94199	21.208	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	149006	21.720	ng	99
20) 3+4-Methylphenols	7.17	107	228325	23.234	ng	91
22) Acetophenone	7.17	105	295071	22.257	ng	# 96
24) Nitrobenzene	7.34	77	229077	20.655	ng	99
25) Isophorone	7.58	82	399479	20.369	ng	100
26) 2-Nitrophenol	7.66	139	118070	19.934	ng	96
27) 2,4-Dimethylphenol	7.70	122	162564	20.508	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	264357	20.606	ng	100
29) 2,4-Dichlorophenol	7.90	162	196580	20.794	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	237252	21.391	ng	98
31) Naphthalene	8.06	128	664589	21.528	ng	100
32) Benzoic acid	7.81	122	90366	15.781	ng	98
33) 4-Chloroaniline	8.11	127	281401	21.291	ng	98
34) Hexachlorobutadiene	8.19	225	144597	21.073	ng	98
35) Caprolactam	8.46	113	59102	20.663	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	196844	20.838	ng	99
37) 2-Methylnaphthalene	8.75	142	449956	21.850	ng	99
38) 1-Methylnaphthalene	8.85	142	422004	21.853	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	237835	21.945	ng	98

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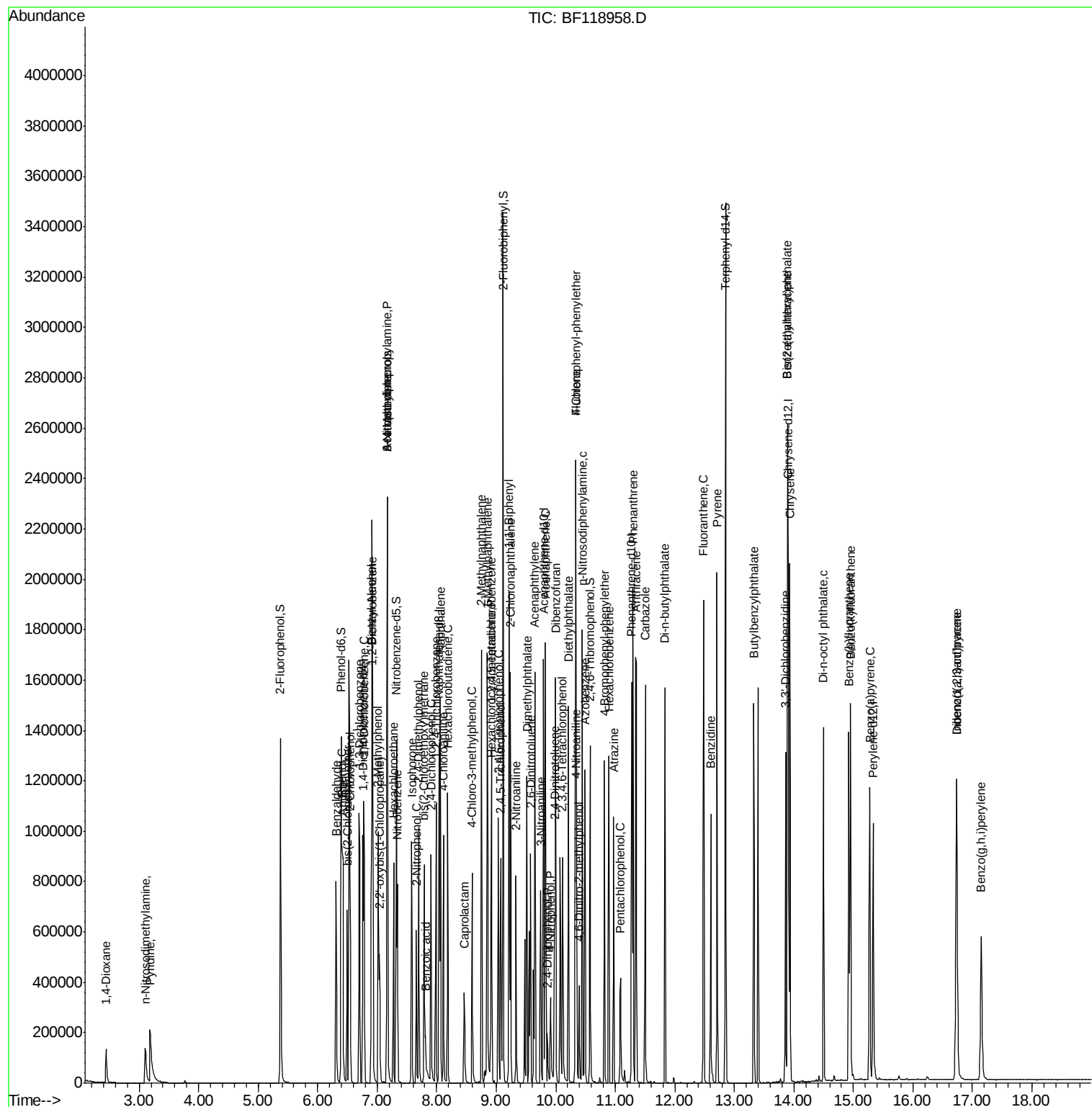
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	45760	14.071	ng	95
43) 2,4,6-Trichlorophenol	9.03	196	144212	20.163	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	152622	20.581	ng	97
46) 1,1'-Biphenyl	9.22	154	584788	22.516	ng	99
47) 2-Chloronaphthalene	9.24	162	457122	21.208	ng	99
48) 2-Nitroaniline	9.33	65	121535	20.152	ng	98
49) Acenaphthylene	9.65	152	674439	21.915	ng	99
50) Dimethylphthalate	9.52	163	533163	20.904	ng	99
51) 2,6-Dinitrotoluene	9.57	165	114605	20.117	ng	100
52) Acenaphthene	9.83	154	405130	21.625	ng	98
53) 3-Nitroaniline	9.75	138	129897	20.718	ng	97
54) 2,4-Dinitrophenol	9.86	184	36123	14.256	ng	96
55) Dibenzofuran	10.00	168	625470	22.366	ng	97
56) 4-Nitrophenol	9.91	139	72936	18.884	ng	96
57) 2,4-Dinitrotoluene	9.98	165	154594	20.978	ng	97
58) Fluorene	10.34	166	488969	22.561	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	128092	20.097	ng	98
60) Diethylphthalate	10.21	149	515289	21.431	ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	259651	22.515	ng	99
62) 4-Nitroaniline	10.35	138	132994	20.605	ng	99
63) Azobenzene	10.49	77	448052	21.189	ng	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	71359	18.369	ng	98
66) n-Nitrosodiphenylamine	10.45	169	432071	21.644	ng	98
67) 4-Bromophenyl-phenylether	10.82	248	171552	21.199	ng	97
68) Hexachlorobenzene	10.89	284	194780	21.024	ng	93
69) Atrazine	10.97	200	151460	22.668	ng	98
70) Pentachlorophenol	11.09	266	67495	17.017	ng	99
71) Phenanthrene	11.30	178	745921	22.535	ng	99
72) Anthracene	11.35	178	736532	22.240	ng	99
73) Carbazole	11.50	167	656775	22.126	ng	99
74) Di-n-butylphthalate	11.83	149	808575	21.469	ng	100
75) Fluoranthene	12.48	202	795775	21.582	ng	100
77) Benzidine	12.60	184	431375	27.156	ng	98
78) Pyrene	12.71	202	805136	22.486	ng	99
80) Butylbenzylphthalate	13.33	149	322749	20.570	ng	96
81) Benzo(a)anthracene	13.90	228	701485	23.071	ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	268141	22.664	ng	99
83) Chrysene	13.93	228	699573	22.951	ng	98
84) Bis(2-ethylhexyl)phthalate	13.89	149	437800	22.019	ng	99
85) Di-n-octyl phthalate	14.50	149	676630	21.109	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	617127	20.571	ng	99
88) Benzo(b)fluoranthene	14.92	252	684456	20.825	ng	98
89) Benzo(k)fluoranthene	14.95	252	631804	21.632	ng	98
90) Benzo(a)pyrene	15.27	252	583295	20.599	ng	99
91) Dibenzo(a,h)anthracene	16.74	278	511296	19.923	ng	98
92) Benzo(g,h,i)perylene	17.15	276	487722	19.261	ng	98

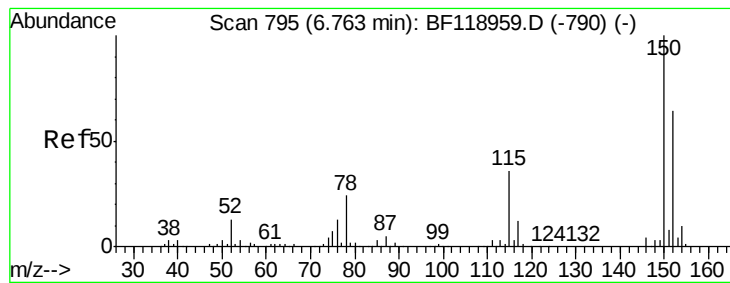
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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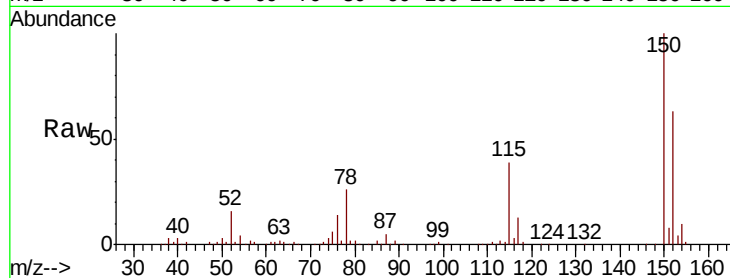


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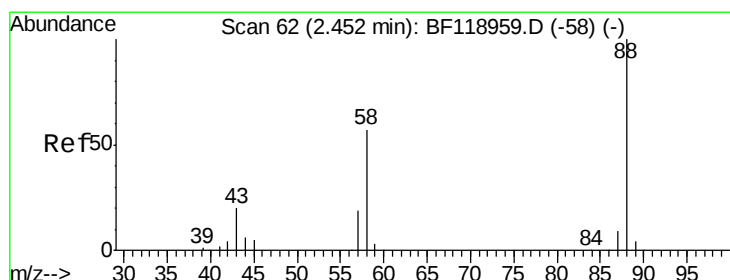
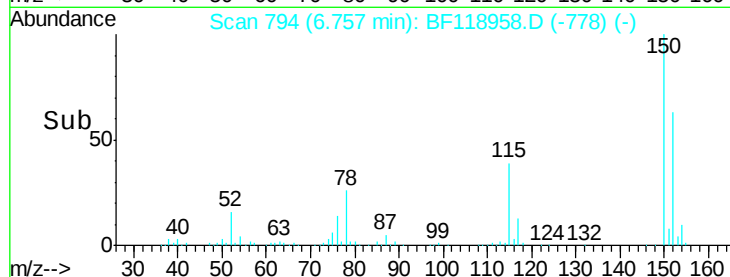
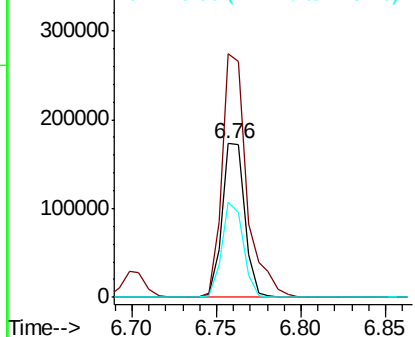
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.3	186.5
115	62.1	44.6	67.0



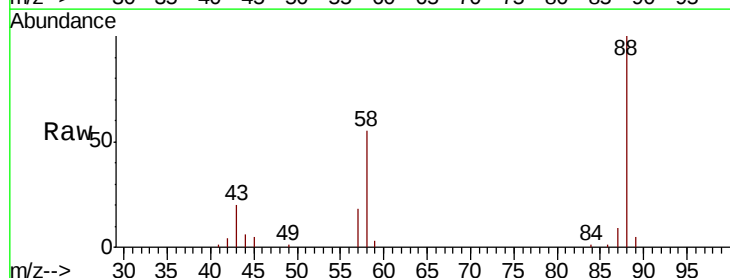
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



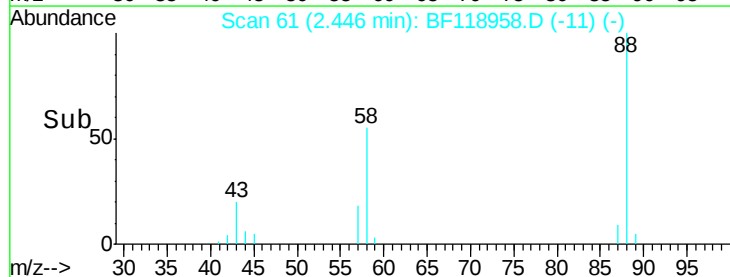
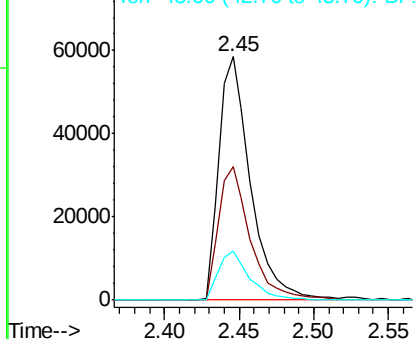
#2

1,4-Dioxane
Concen: 22.939 ng
RT: 2.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.7	44.6	66.8
43	19.7	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: 21.875 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

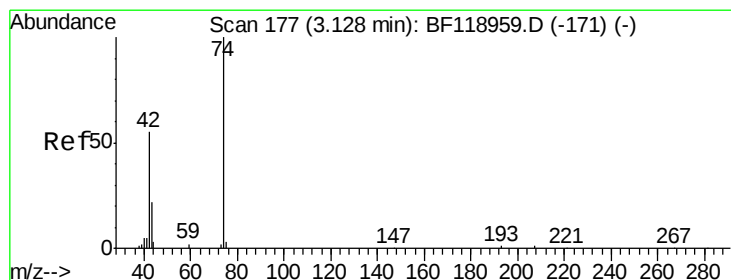
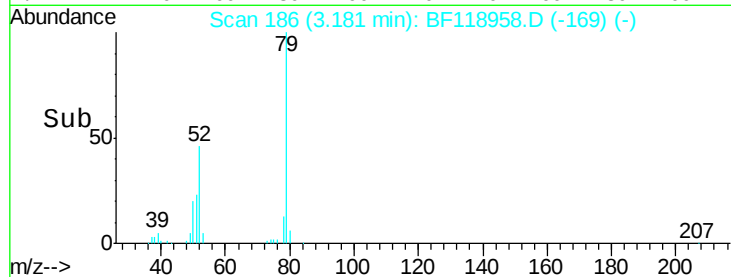
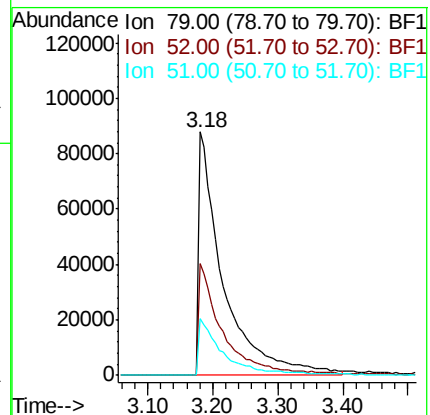
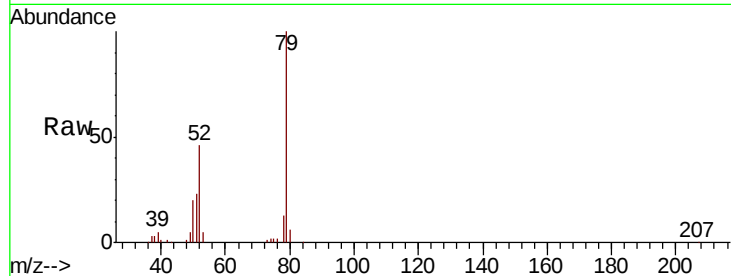
Tot Ion: 79 Resp: 230231

Ion Ratio Lower Upper

79 100

52 45.9 36.3 54.5

51 23.5 19.5 29.3



#4

n-Nitrosodimethylamine

Concen: 21.191 ng

RT: 3.10 min Scan# 173

Delta R.T. -0.02 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

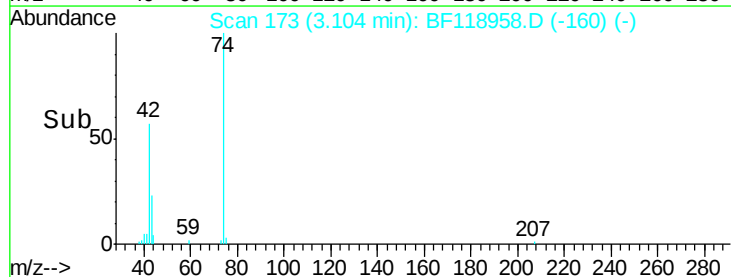
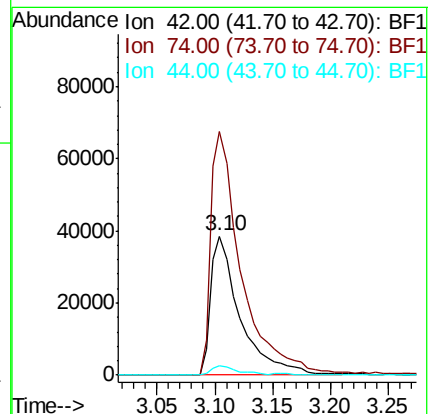
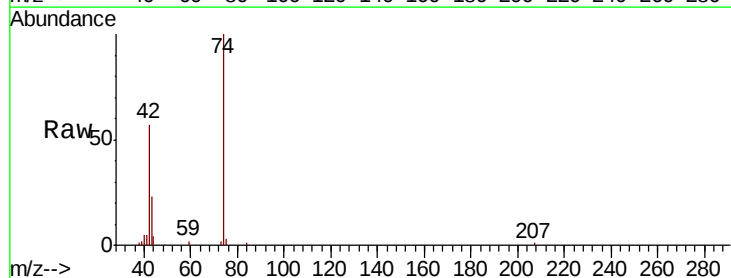
Tgt Ion: 42 Resp: 68687

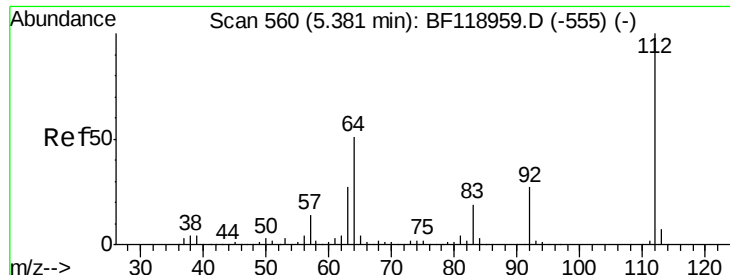
Ion Ratio Lower Upper

42 100

74 174.8 144.4 216.6

44 6.5 4.5 6.7





#5

2-Fluorophenol

Concen: 49.221 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

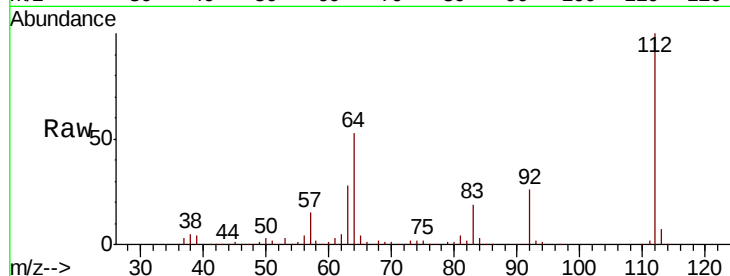
Tot Ion:112 Resp: 418675

Ion Ratio Lower Upper

112 100

64 52.7 40.4 60.6

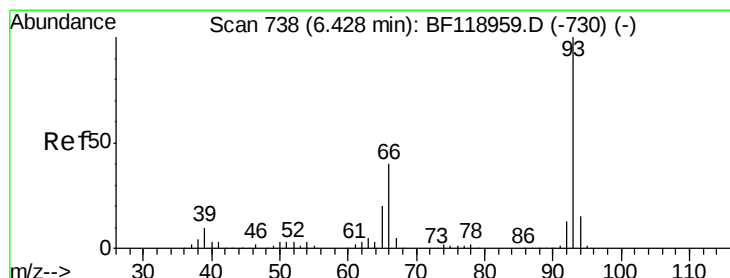
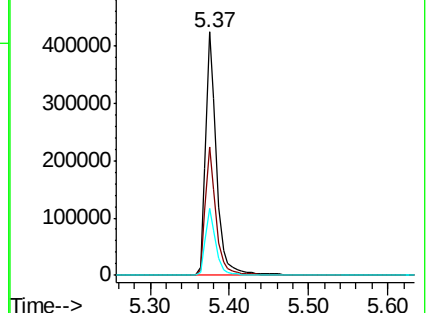
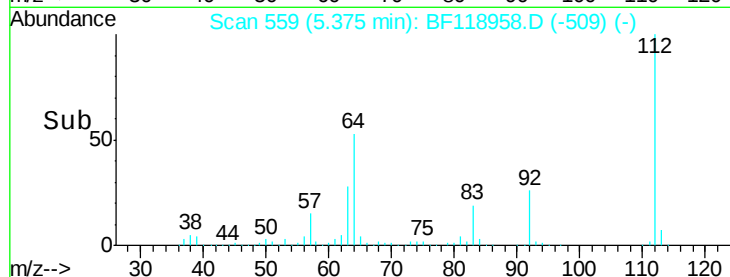
63 27.6 21.3 31.9



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: 22.468 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

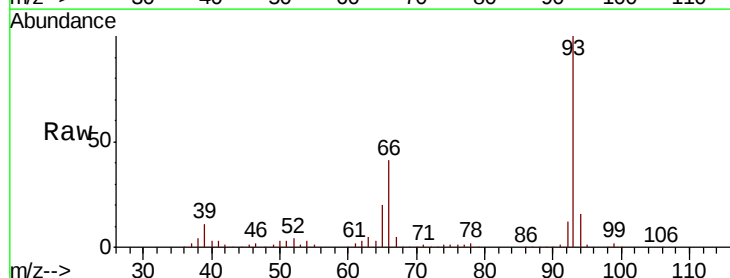
Tgt Ion: 93 Resp: 315938

Ion Ratio Lower Upper

93 100

66 41.0 32.2 48.2

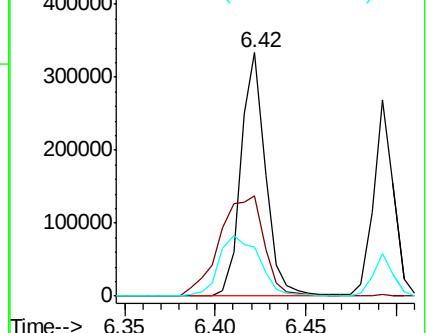
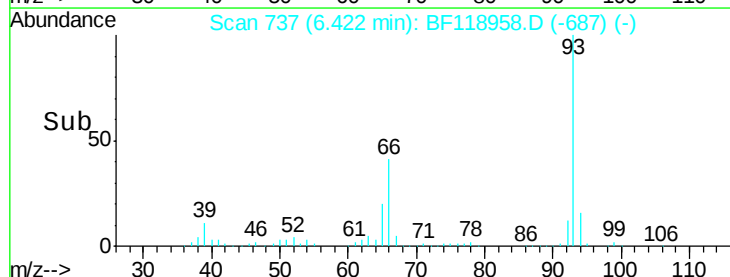
65 20.3 16.1 24.1



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: 47.488 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

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ClientSampleId :

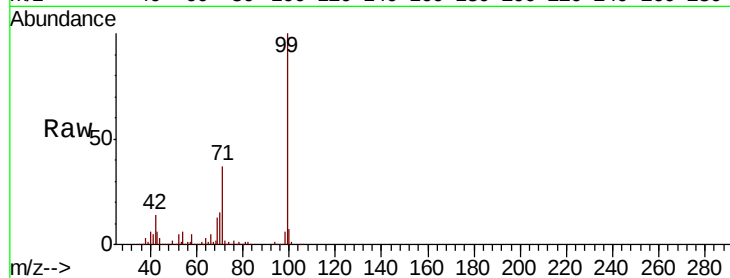
Tot Ion: 99 Resp: 510625

Ion Ratio Lower Upper

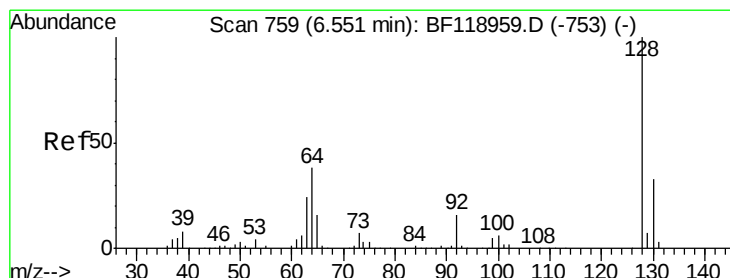
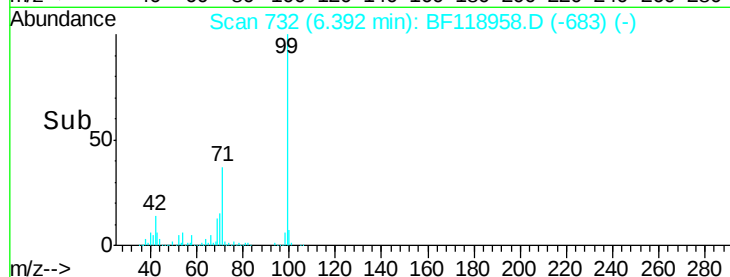
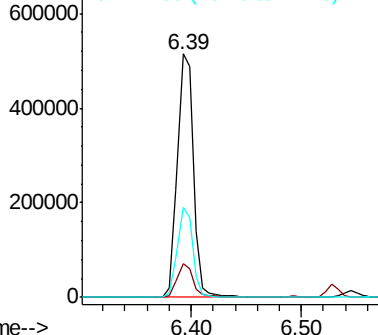
99 100

42 13.9 11.4 17.0

71 37.0 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: 21.952 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

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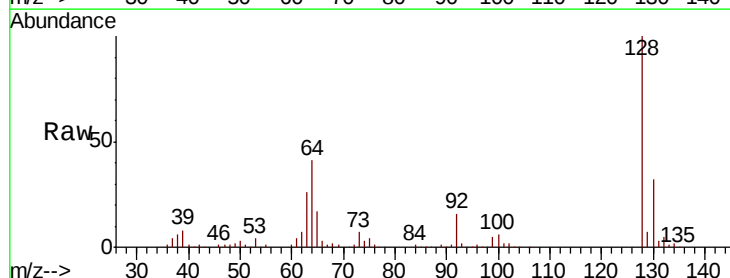
Tgt Ion: 128 Resp: 225667

Ion Ratio Lower Upper

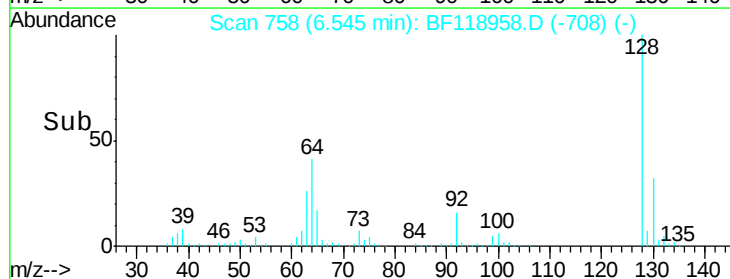
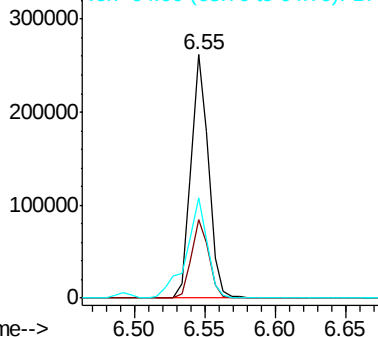
128 100

130 32.3 12.7 52.7

64 40.9 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: 27.404 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

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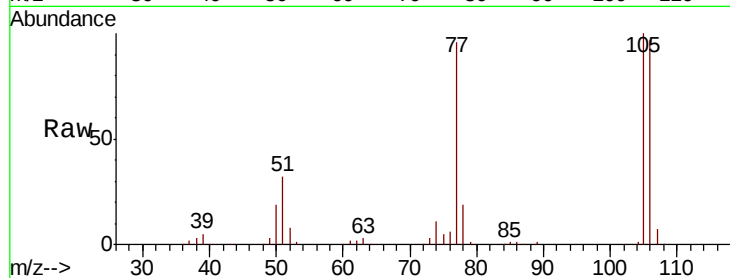
Tot Ion: 77 Resp: 175975

Ion Ratio Lower Upper

77 100

105 104.3 83.0 123.0

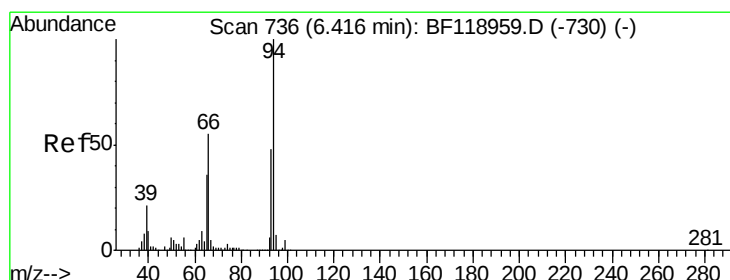
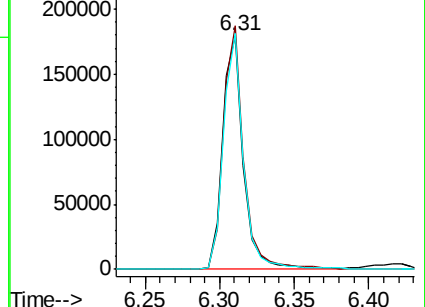
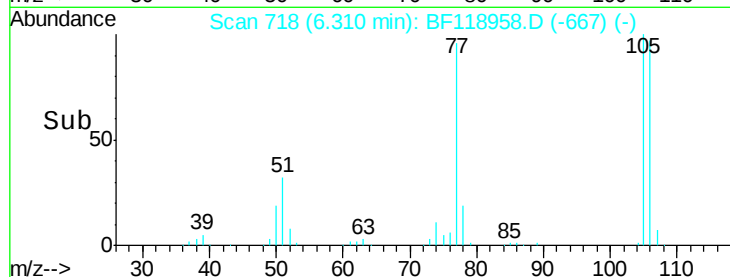
106 101.3 78.3 118.3



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: 22.902 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

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Acq: 20 Feb 2020 13:43

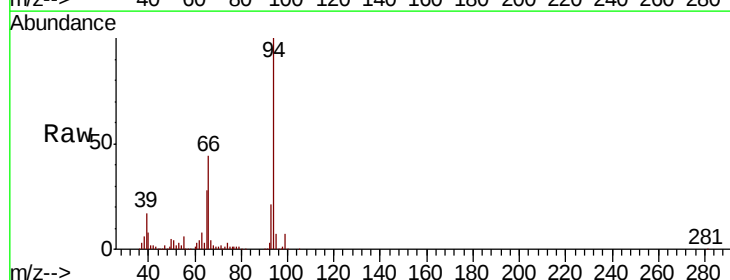
Tgt Ion: 94 Resp: 281536

Ion Ratio Lower Upper

94 100

65 28.3 15.5 55.5

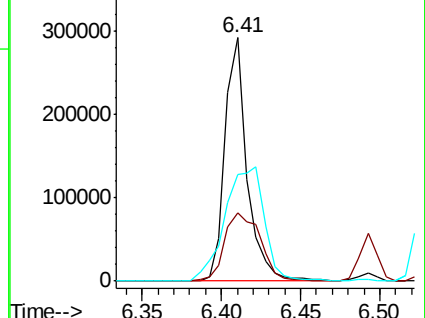
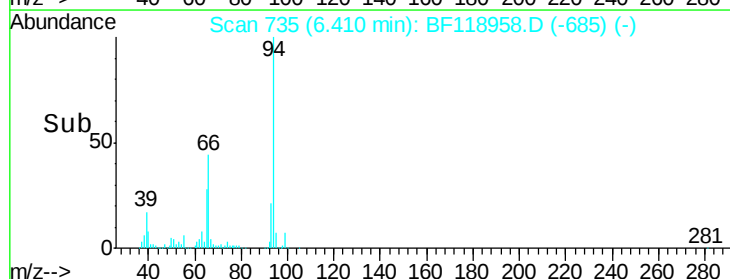
66 43.6 35.6 75.6

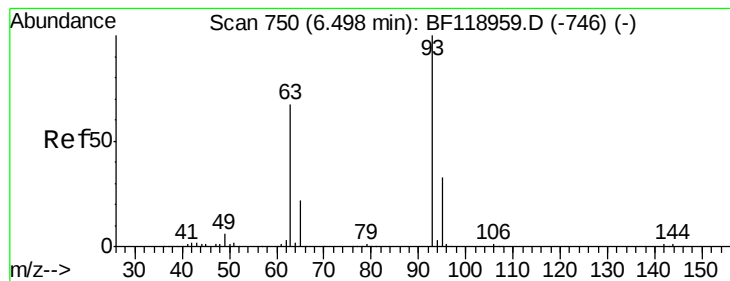


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

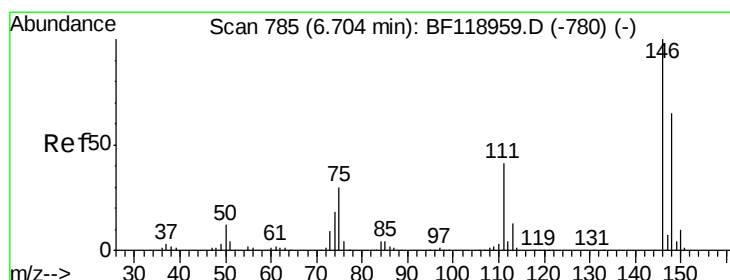
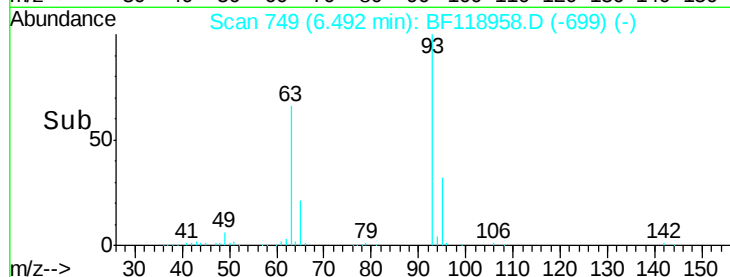
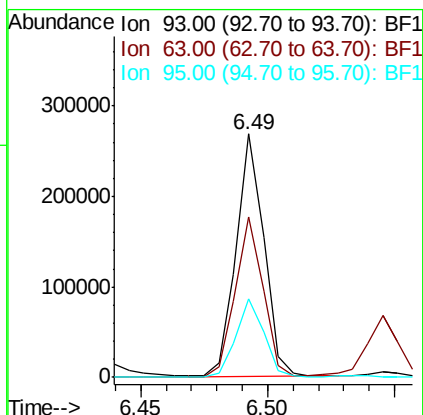
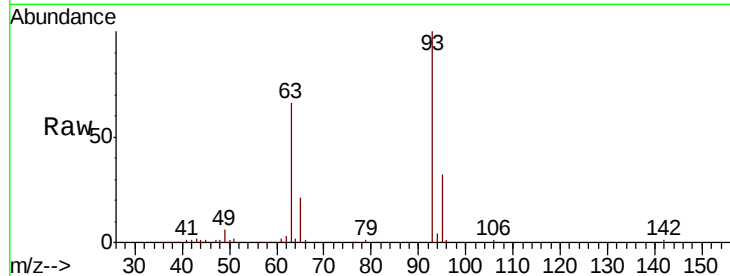




#11
bis(2-Chloroethyl)ether
Concen: 21.111 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

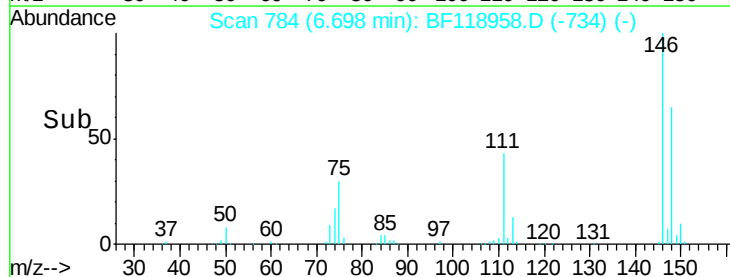
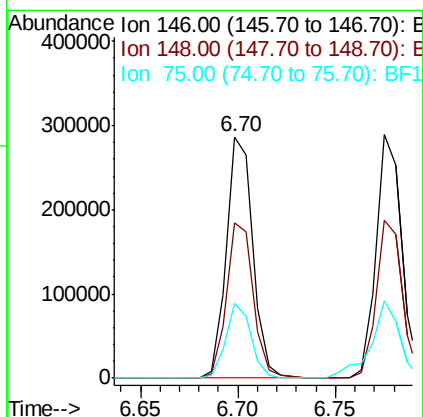
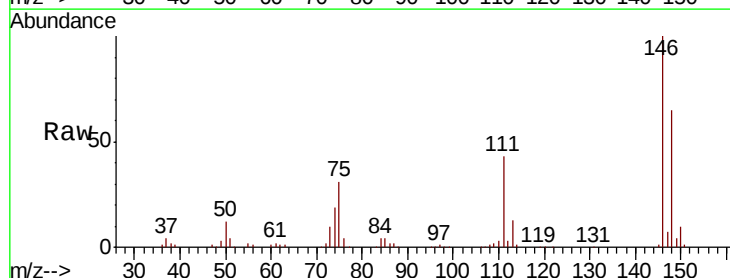
Instrument :
BNA_F
ClientSampleId :

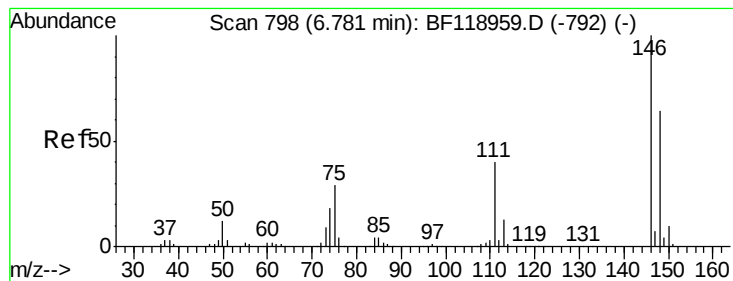
Tot Ion: 93 Resp: 203802
Ion Ratio Lower Upper
93 100
63 66.0 46.8 86.8
95 32.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 21.946 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion: 146 Resp: 270639
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
75 30.7 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 21.576 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampled :

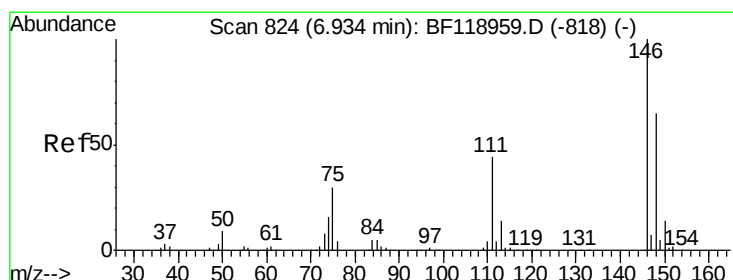
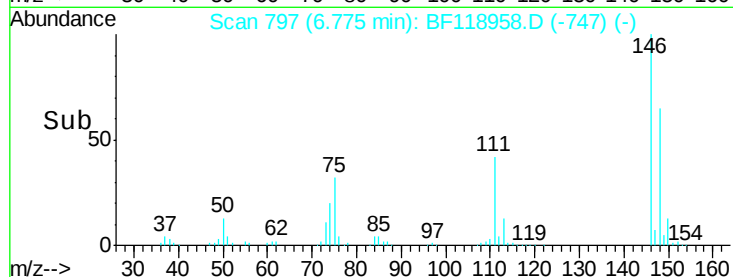
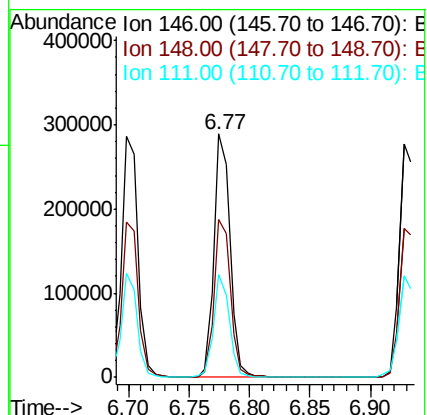
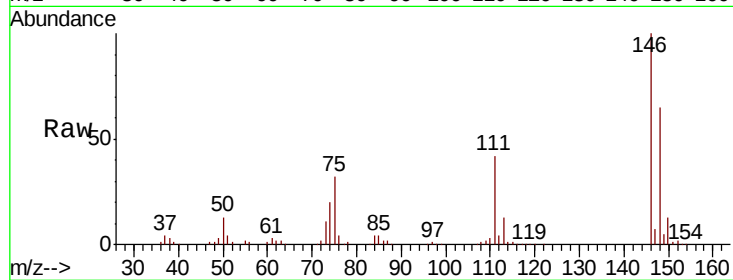
Tot Ion:146 Resp: 266759

Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.2

111 42.2 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 22.167 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

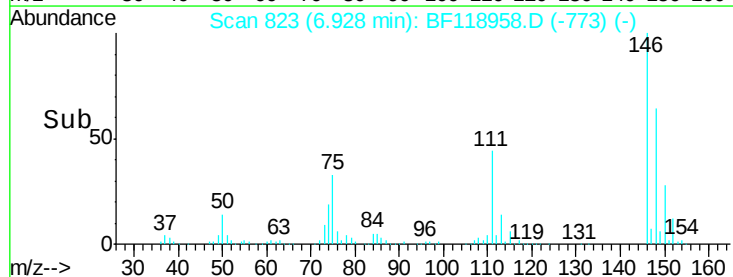
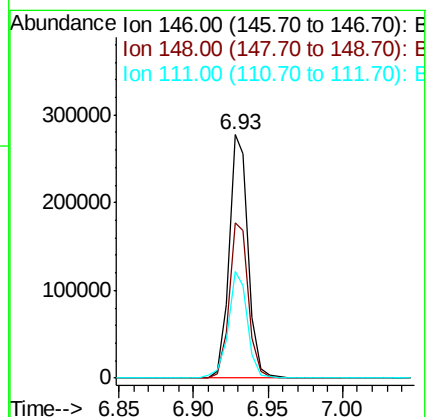
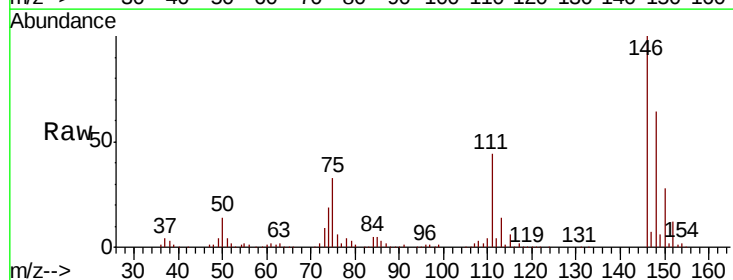
Tgt Ion:146 Resp: 251678

Ion Ratio Lower Upper

146 100

148 63.9 52.1 78.1

111 43.6 35.5 53.3





#15

Benzyl Alcohol

Concen: 21.927 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

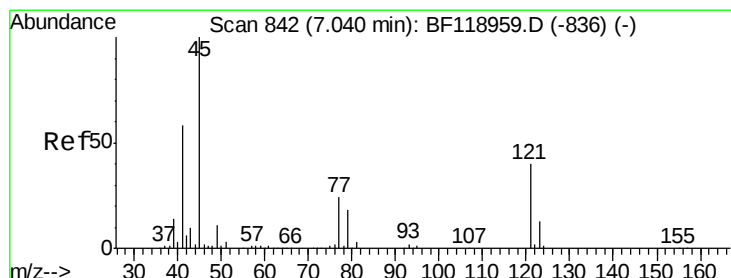
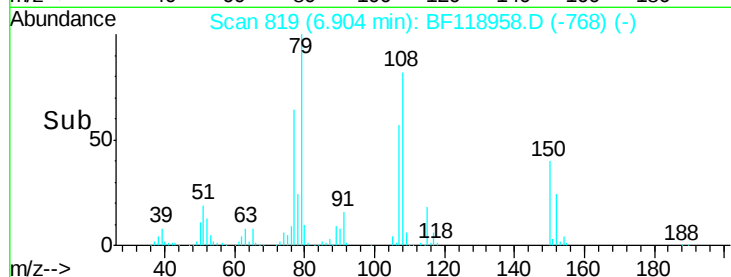
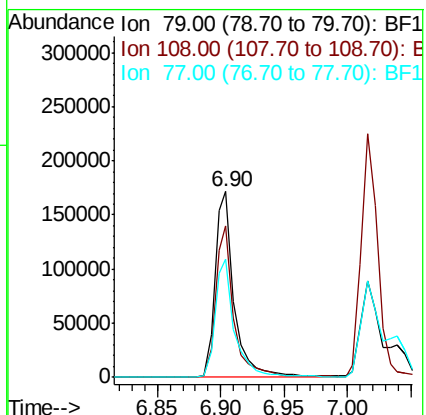
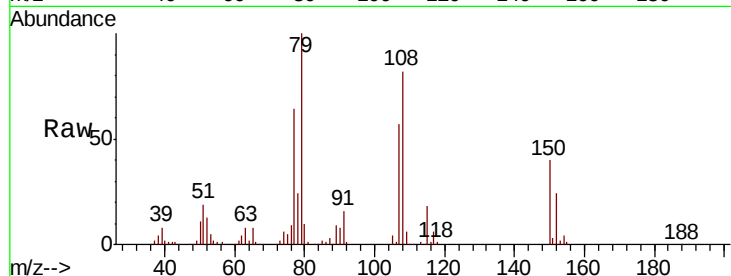
Tot Ion: 79 Resp: 183902

Ion Ratio Lower Upper

79 100

108 81.6 61.1 91.7

77 63.7 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 20.418 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

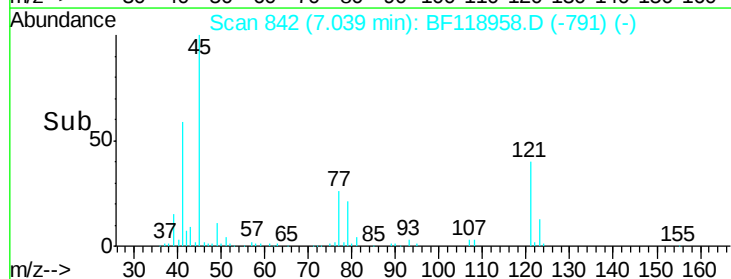
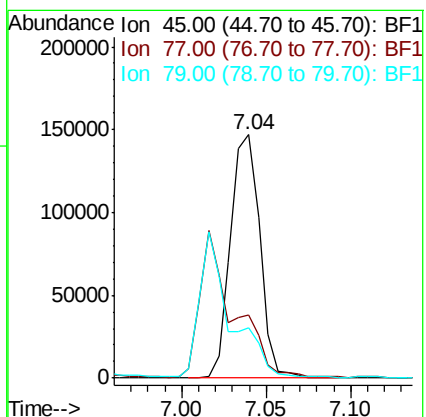
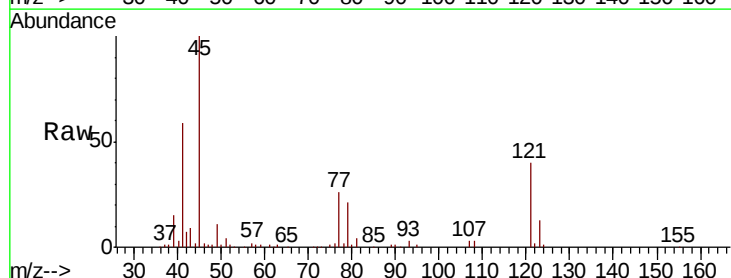
Tgt Ion: 45 Resp: 177732

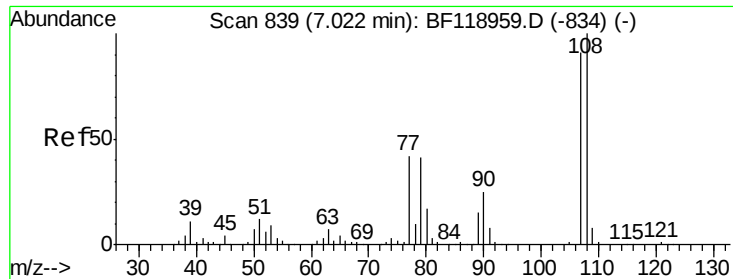
Ion Ratio Lower Upper

45 100

77 25.7 6.1 46.1

79 20.6 0.5 40.5

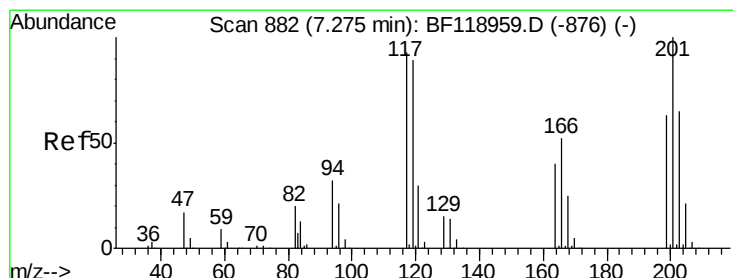
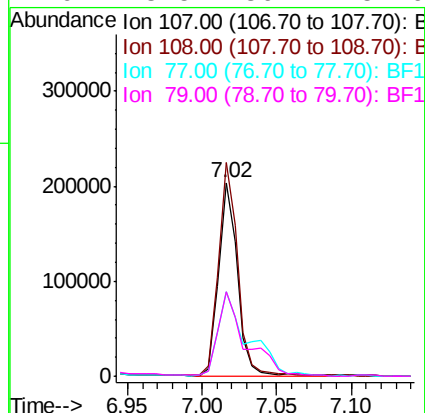
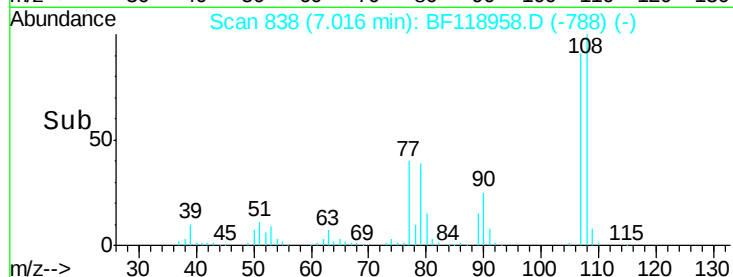
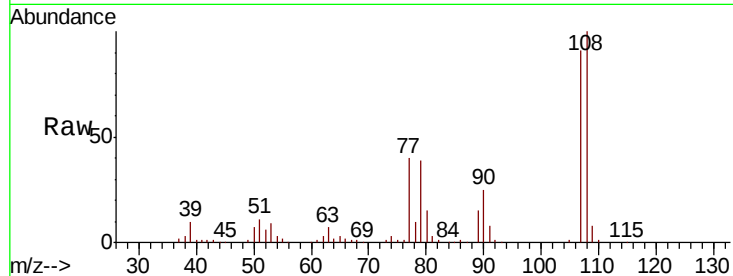




#17
2-Methylphenol
Concen: 21.385 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

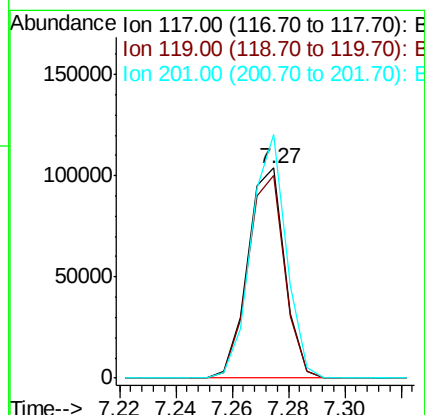
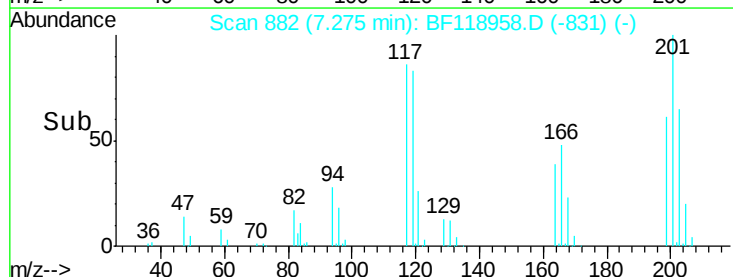
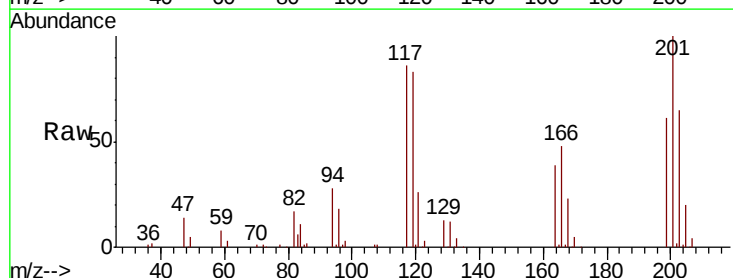
Instrument :
BNA_F
ClientSampleId :

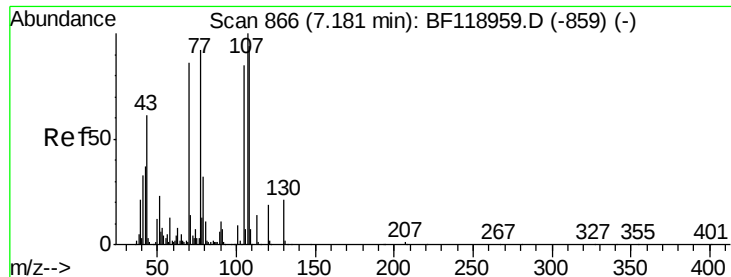
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	87.7	131.5
77	43.9	36.8	55.2
79	43.5	36.4	54.6



#18
Hexachloroethane
Concen: 21.208 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.6
201	115.8	86.4	129.6

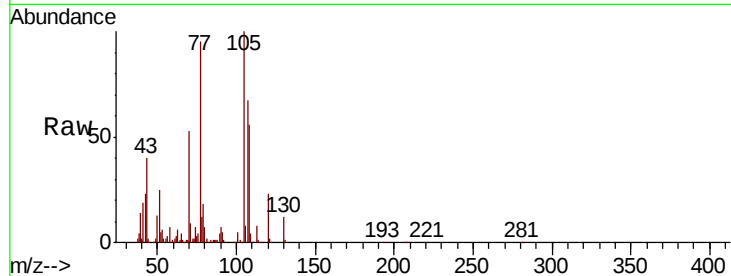




#19
n-Nitroso-di-n-propylamine
Concen: 21.720 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.0	34.6	51.8
101	10.1	8.1	12.1
130	23.4	19.4	29.2



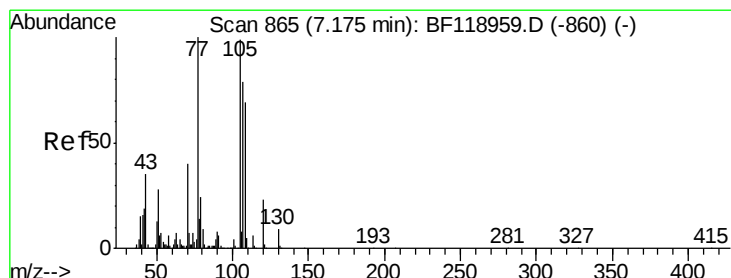
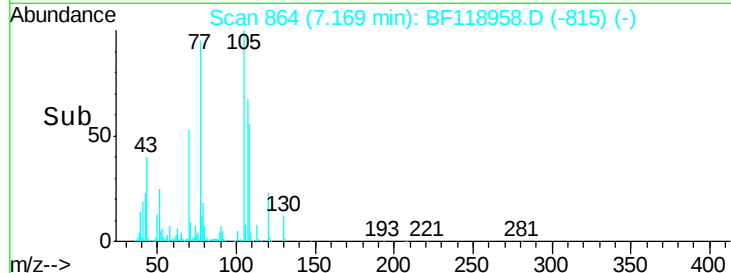
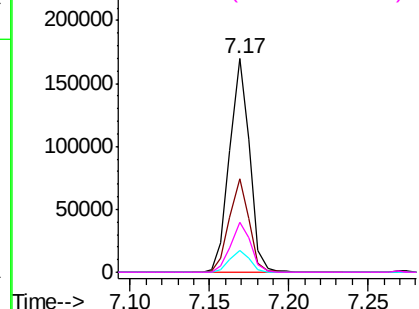
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 23.234 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.3	67.0	107.0
77	143.0	106.2	146.2
79	27.6	10.0	50.0

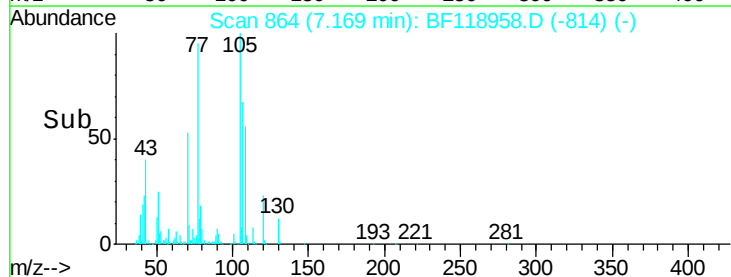
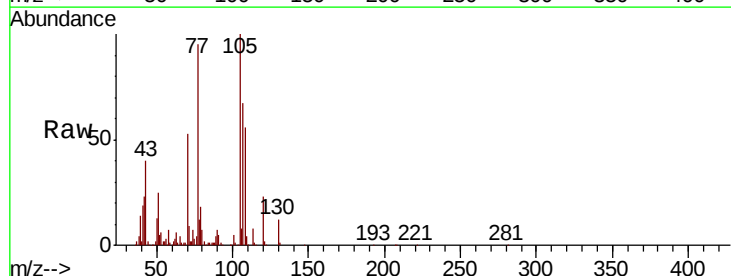
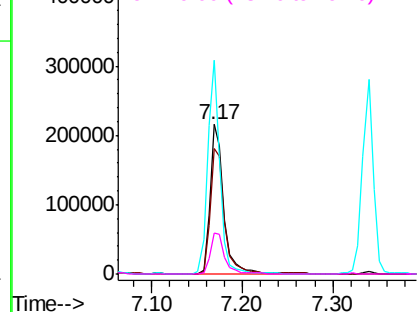
Abundance

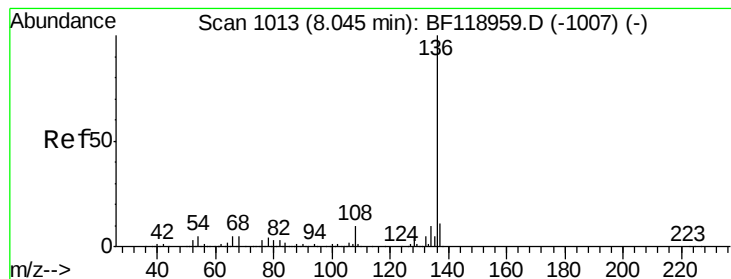
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 609169

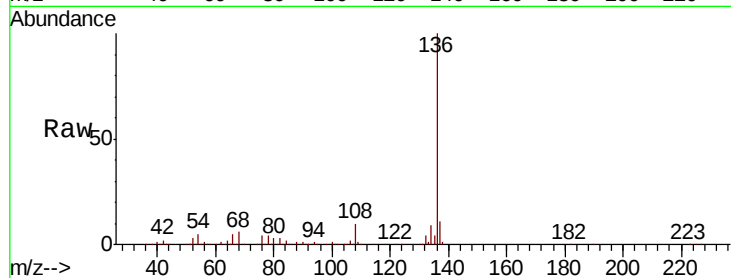
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.3 3.8 5.6

68 5.5 4.2 6.2

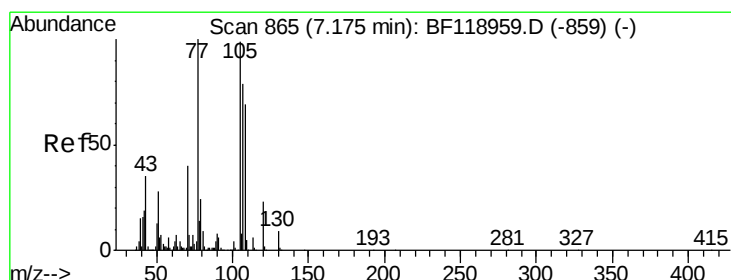
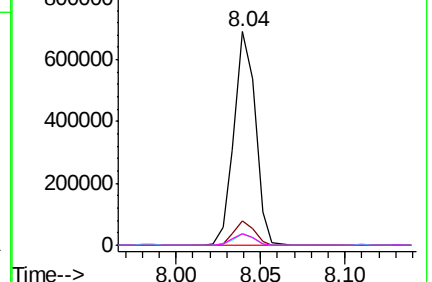
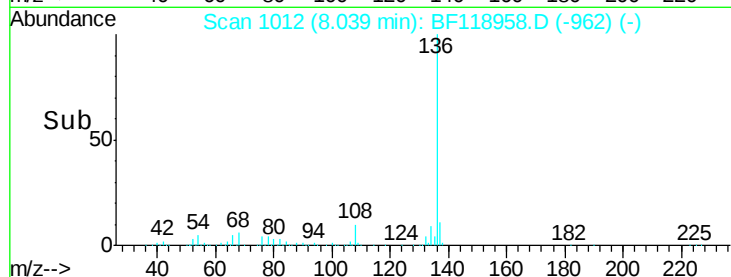


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.257 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Tgt Ion:105 Resp: 295071

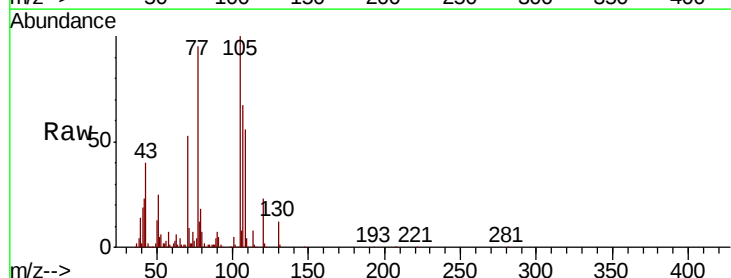
Ion Ratio Lower Upper

105 100

71 8.6 5.4 8.0#

51 25.3 22.5 33.7

120 23.4 18.4 27.6

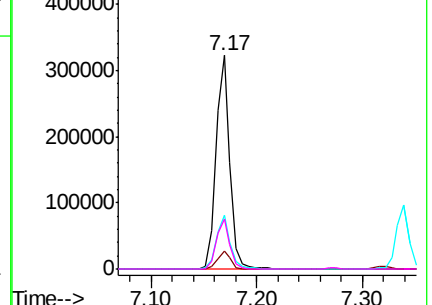
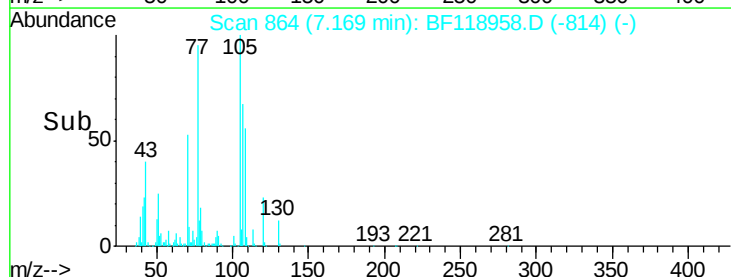


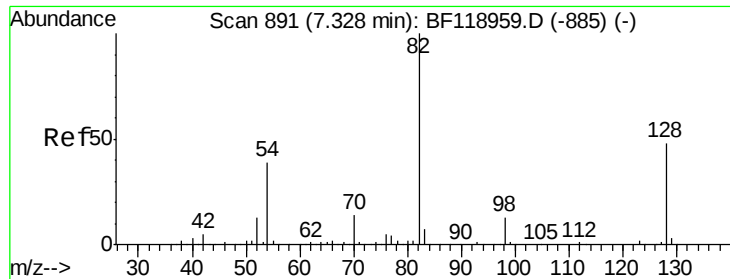
Abundance Ion 105.00 (104.70 to 105.70): E

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

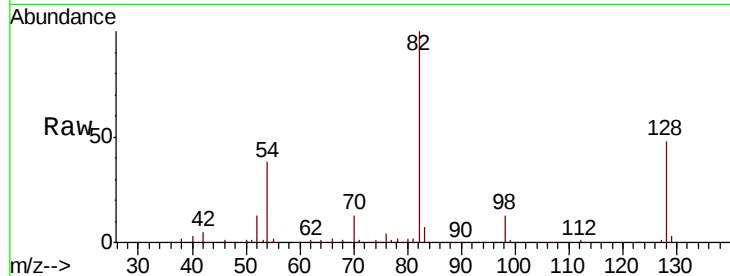




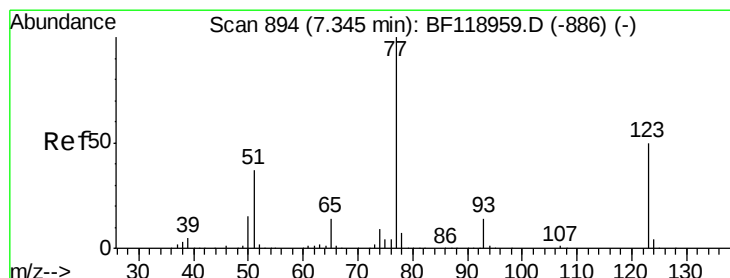
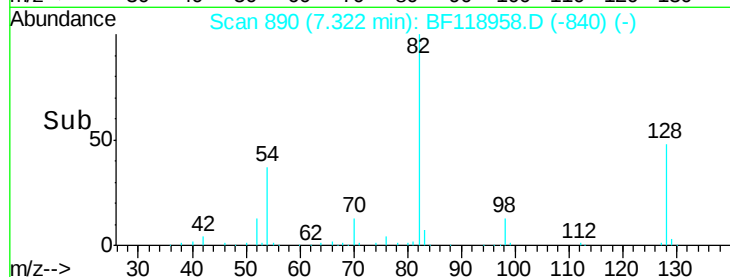
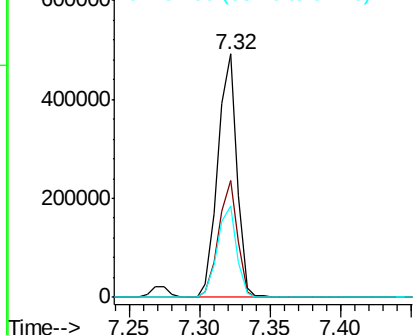
#23
Nitrobenzene-d5
Concen: 42.595 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	466518
Ion Ratio	100	Lower	Upper
128	48.1	38.2	57.2
54	37.5	31.3	46.9

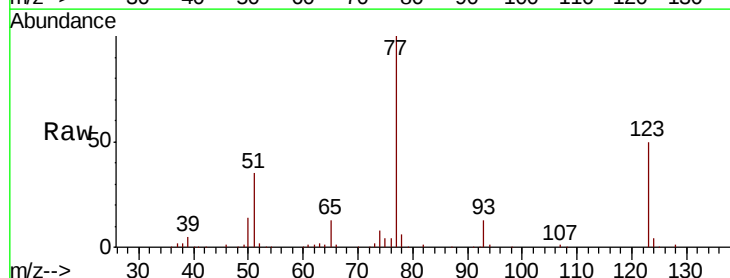


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

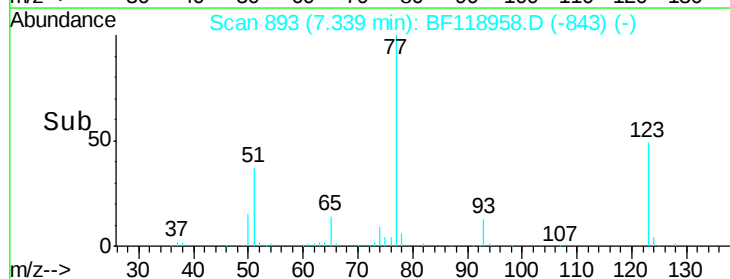
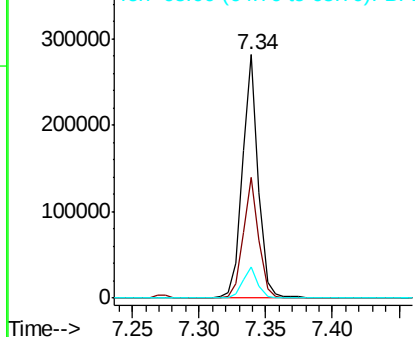


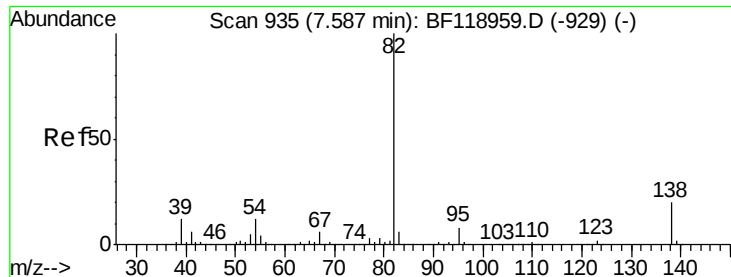
#24
Nitrobenzene
Concen: 20.655 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion	77	Resp	229077
Ion Ratio	100	Lower	Upper
123	49.7	40.1	60.1
65	12.7	10.9	16.3



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





#25

Isophorone

Concen: 20.369 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

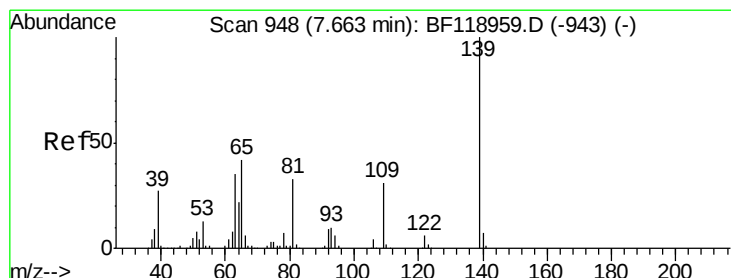
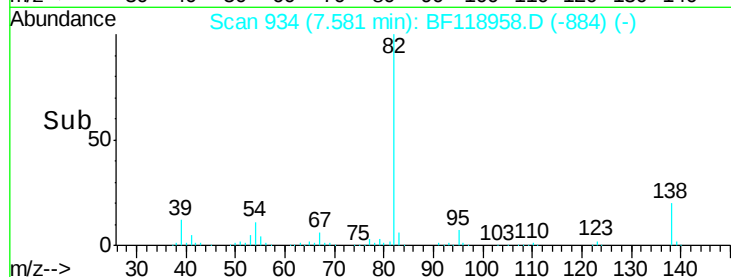
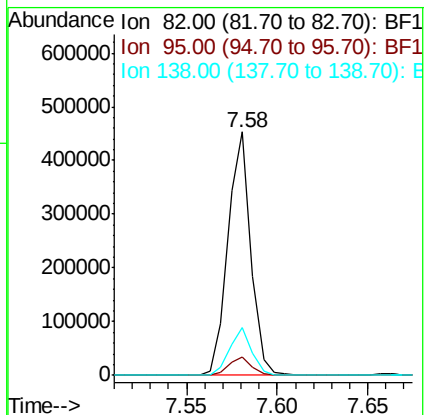
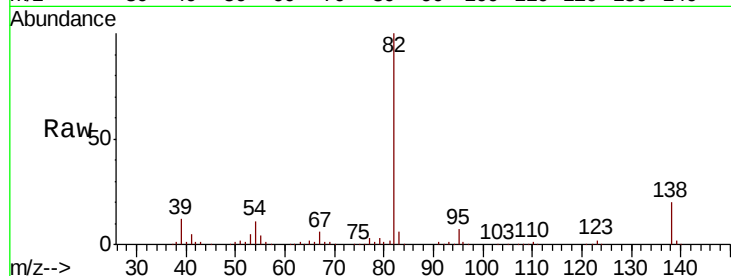
Tot Ion: 82 Resp: 399479

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

138 19.6 15.8 23.6



#26

2-Nitrophenol

Concen: 19.934 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

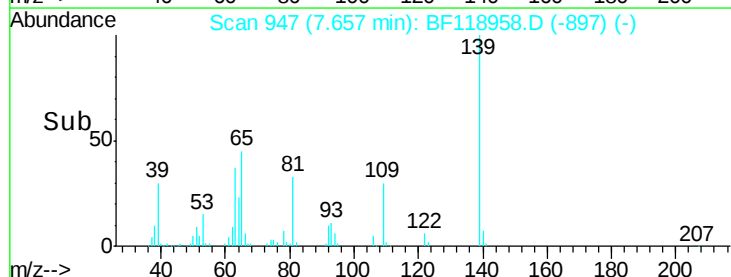
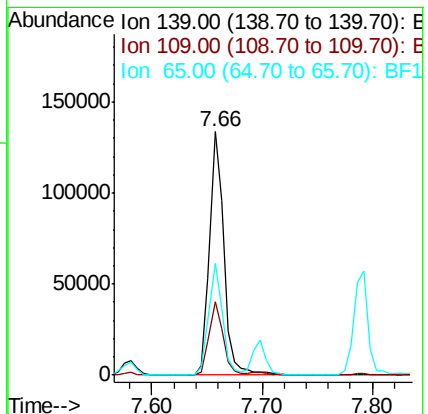
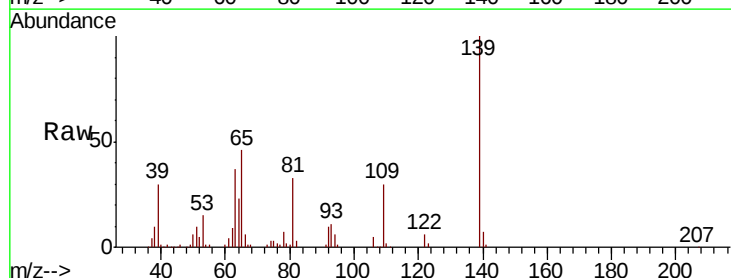
Tgt Ion: 139 Resp: 118070

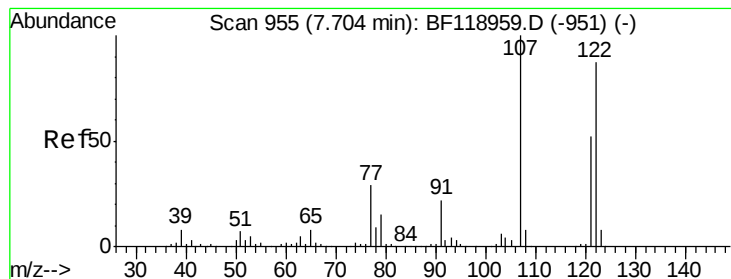
Ion Ratio Lower Upper

139 100

109 30.2 24.6 36.8

65 45.7 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 20.508 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

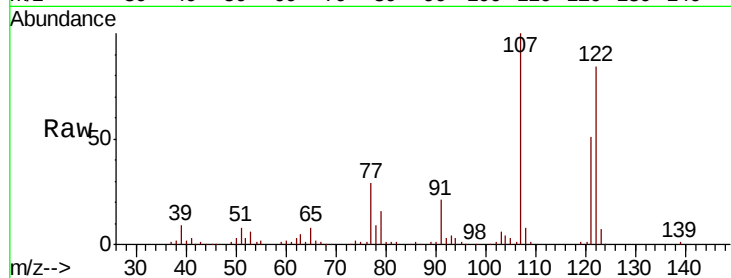
Tot Ion:122 Resp: 162564

Ion Ratio Lower Upper

122 100

107 119.0 91.8 137.8

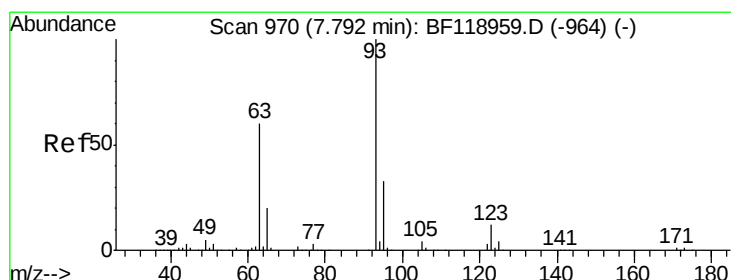
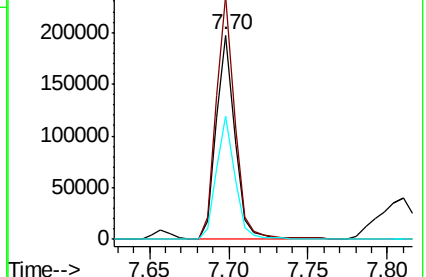
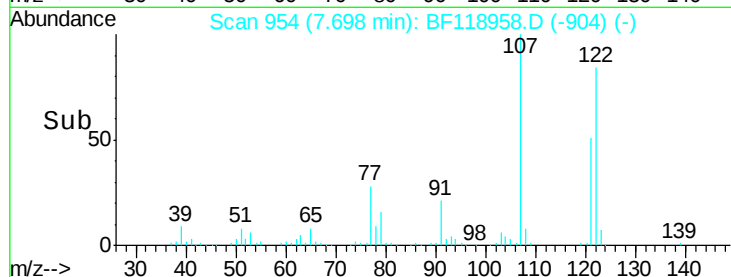
121 60.1 47.4 71.0



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: 20.606 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

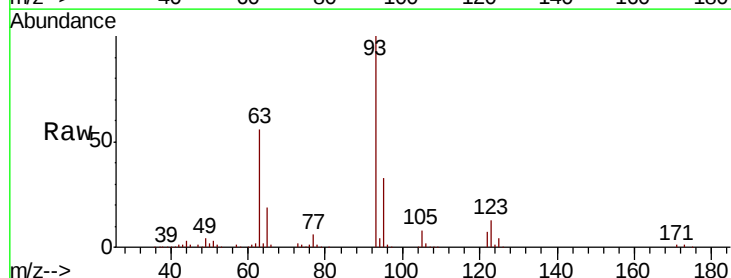
Tgt Ion: 93 Resp: 264357

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

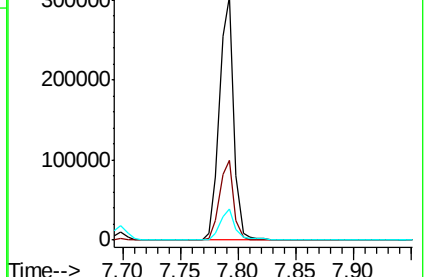
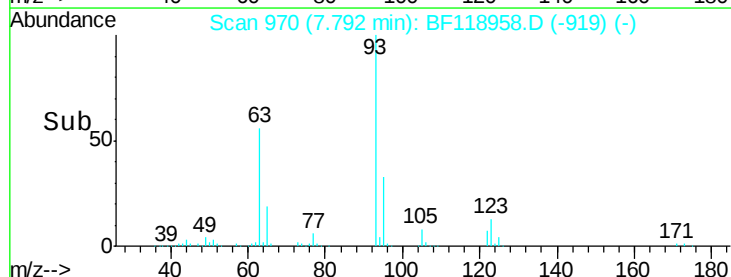
123 12.6 9.8 14.8

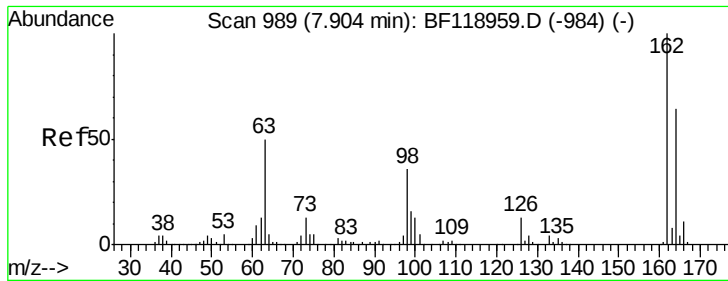


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

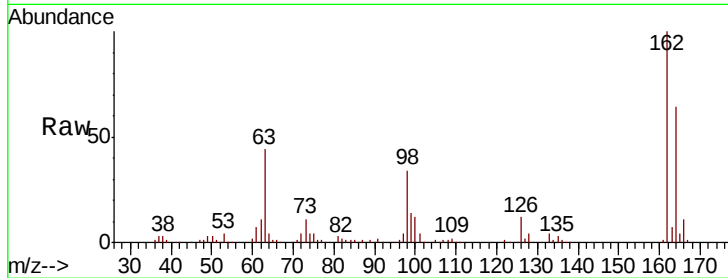




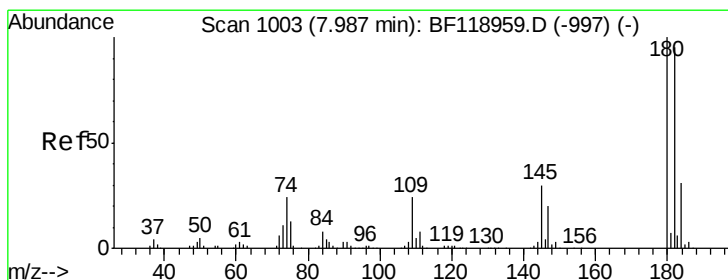
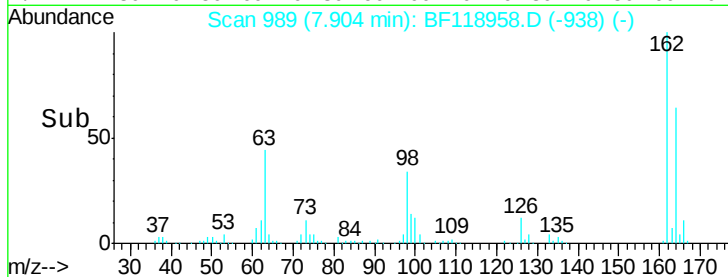
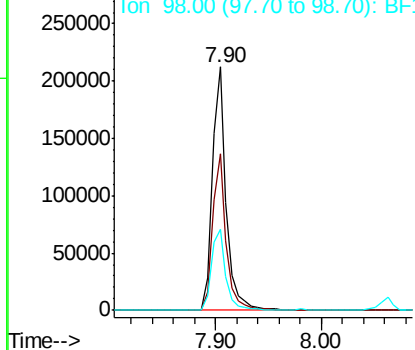
#29
 2,4-Dichlorophenol
 Concen: 20.794 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.1	84.1
98	33.5	16.4	56.4

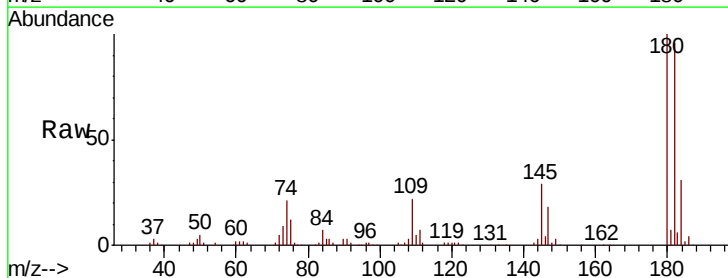


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

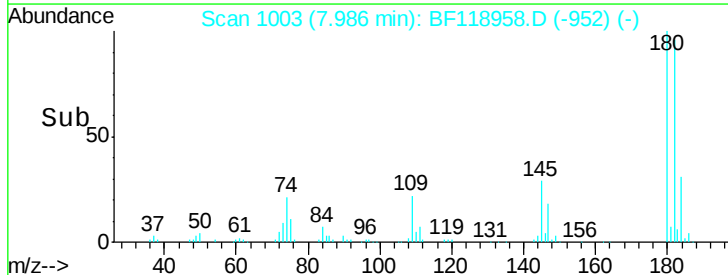
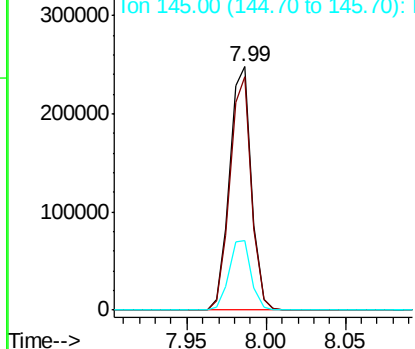


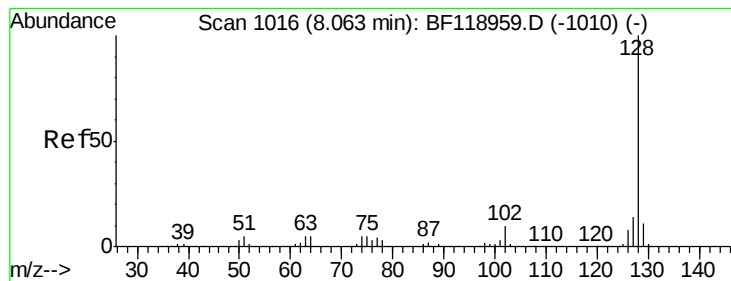
#30
 1,2,4-Trichlorobenzene
 Concen: 21.391 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.8	113.8
145	28.6	24.2	36.2



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





#31

Naphthalene

Concen: 21.528 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

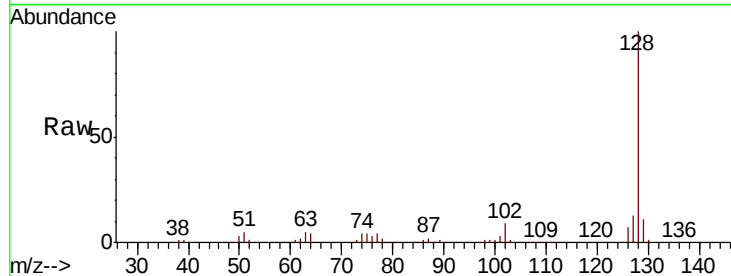
Tot Ion:128 Resp: 664589

Ion Ratio Lower Upper

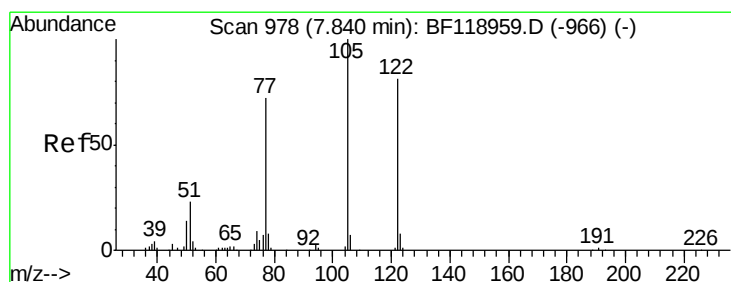
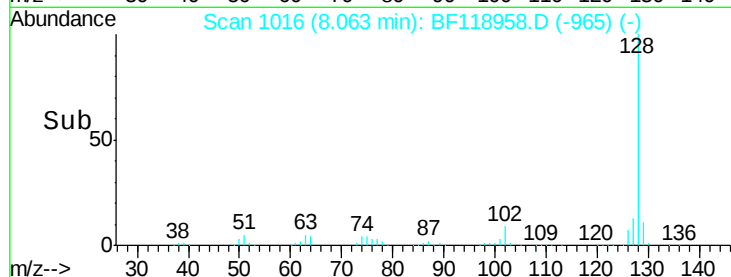
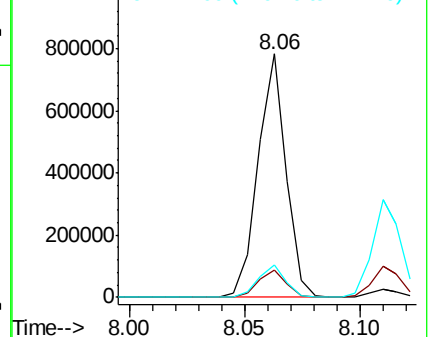
128 100

129 11.2 9.0 13.4

127 13.5 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: 15.781 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.03 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

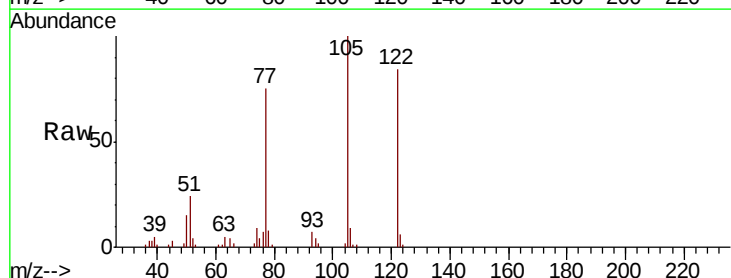
Tgt Ion:122 Resp: 90366

Ion Ratio Lower Upper

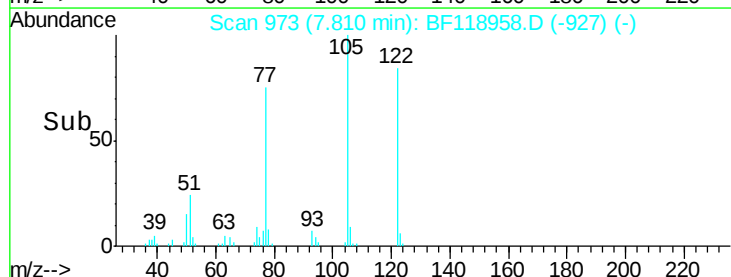
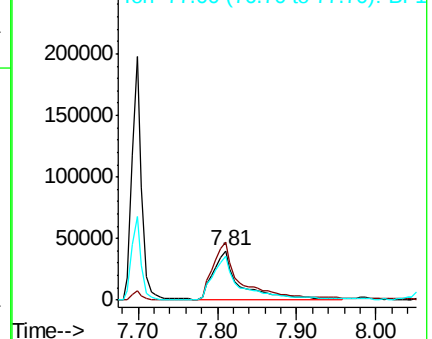
122 100

105 118.4 102.2 142.2

77 88.4 68.6 108.6



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

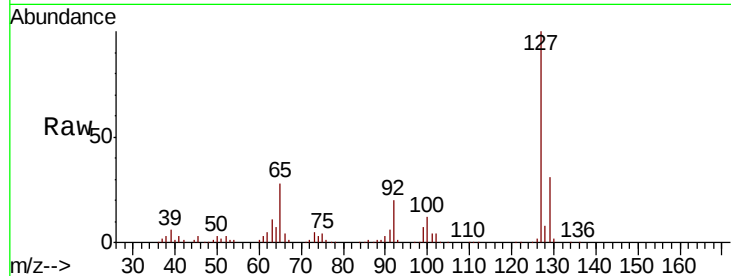




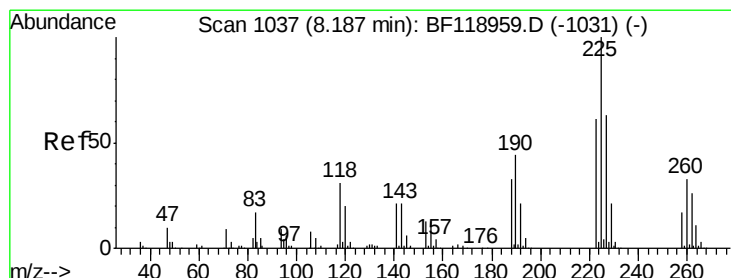
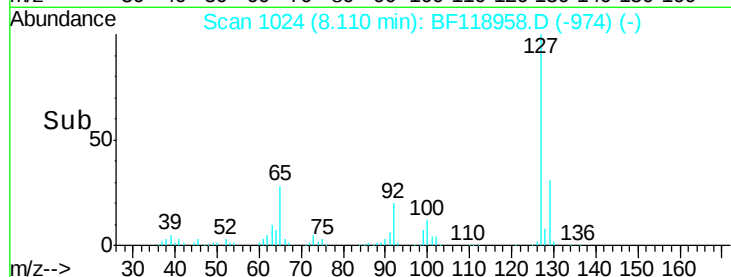
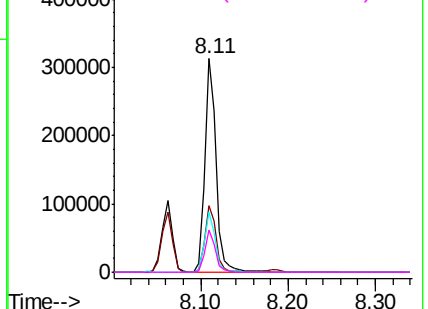
#33
4-Chloroaniline
Concen: 21.291 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	281401
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	28.3	22.0	33.0
92	19.7	15.5	23.3

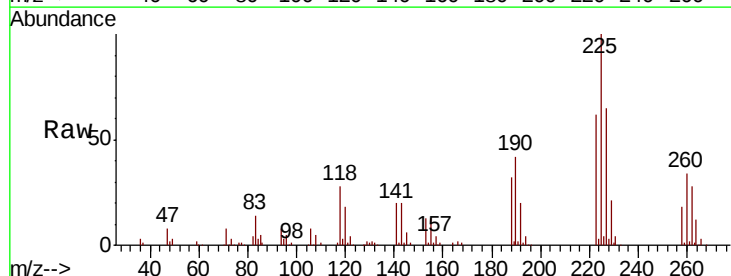


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

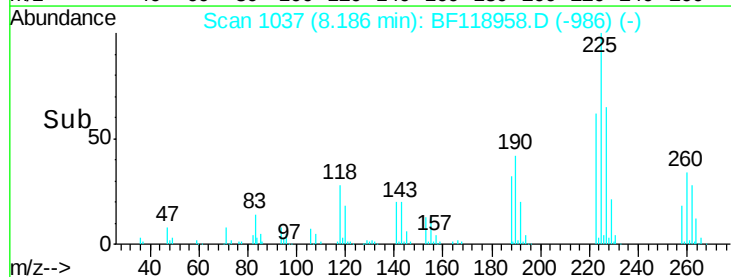
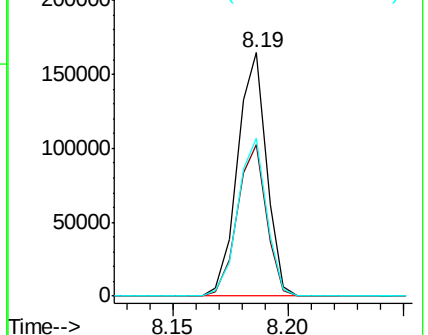


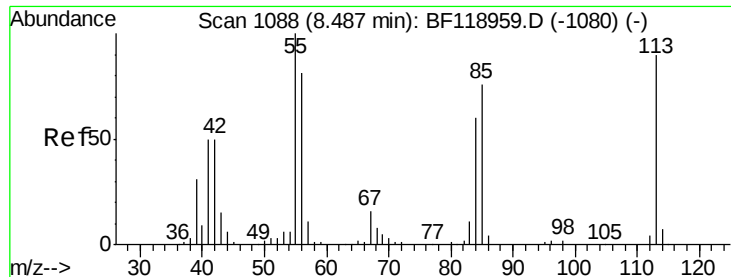
#34
Hexachlorobutadiene
Concen: 21.073 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion:	225	Resp:	144597
Ion	Ratio	Lower	Upper
225	100		
223	62.5	48.9	73.3
227	65.1	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

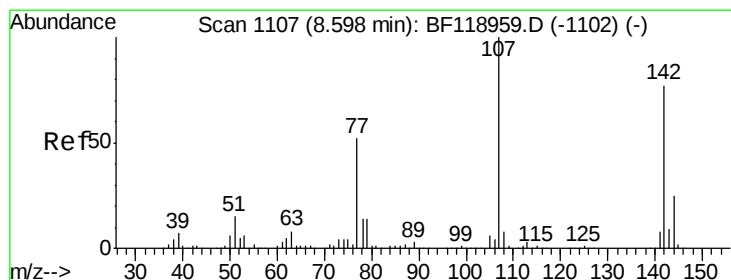
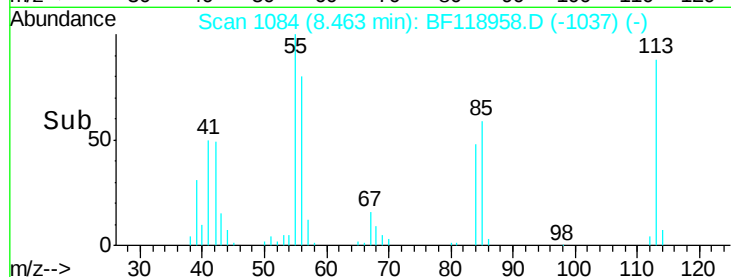
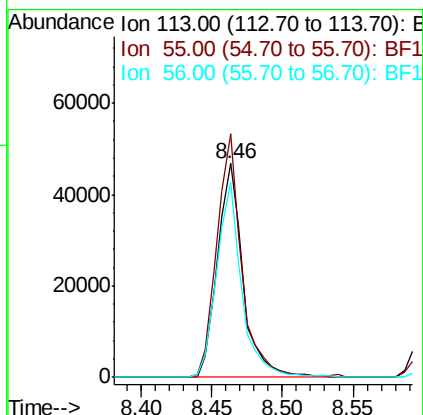
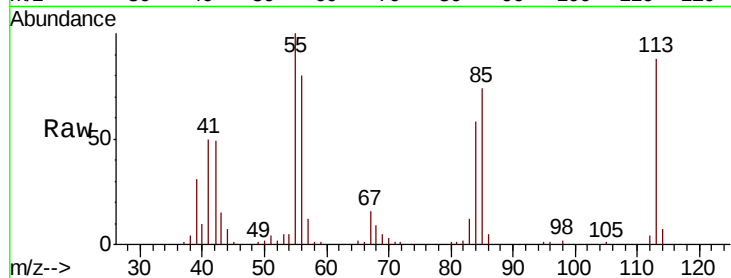




#35
 Caprolactam
 Concen: 20.663 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

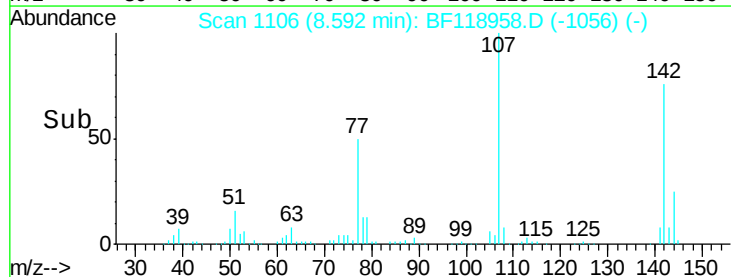
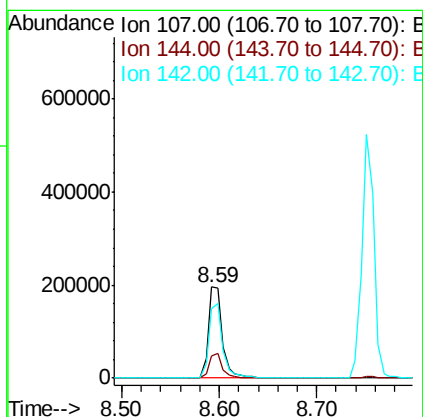
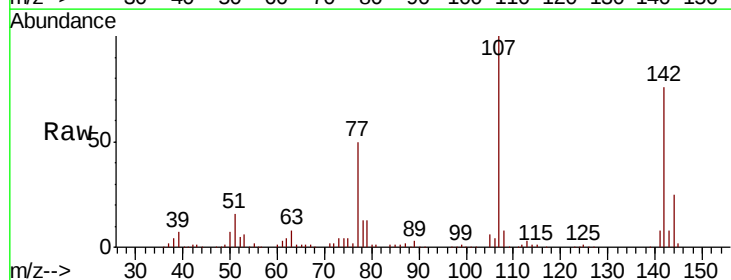
Instrument :
 BNA_F
 ClientSampled :

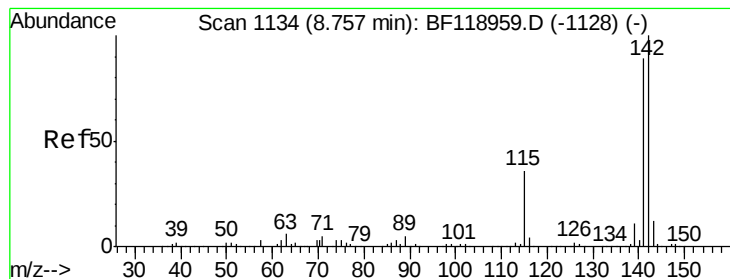
Tot Ion:113 Resp: 59102
 Ion Ratio Lower Upper
 113 100
 55 113.7 90.8 130.8
 56 90.9 70.0 110.0



#36
 4-Chloro-3-methylphenol
 Concen: 20.838 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

Tgt Ion:107 Resp: 196844
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.8 29.8
 142 76.1 61.3 91.9





#37

2-Methylnaphthalene

Concen: 21.850 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

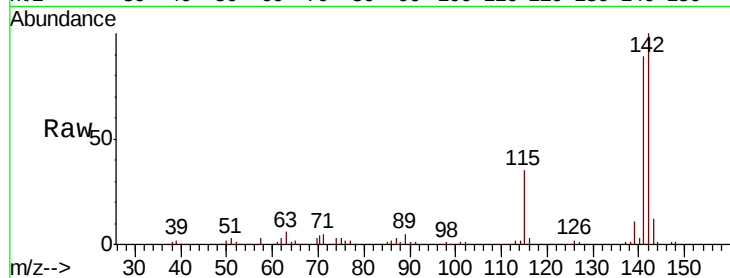
Tot Ion:142 Resp: 449956

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.4

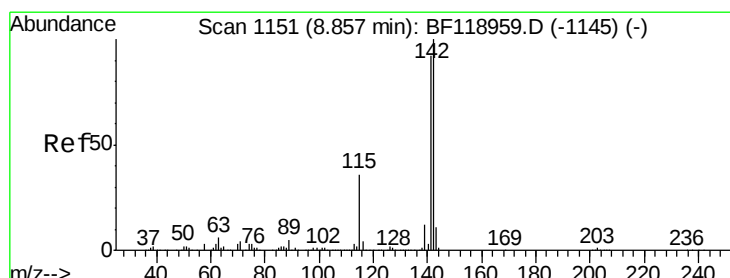
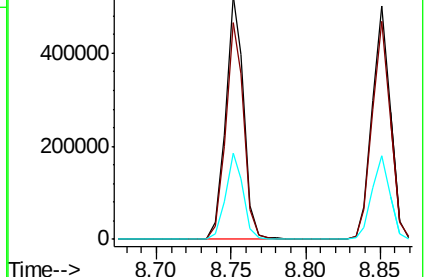
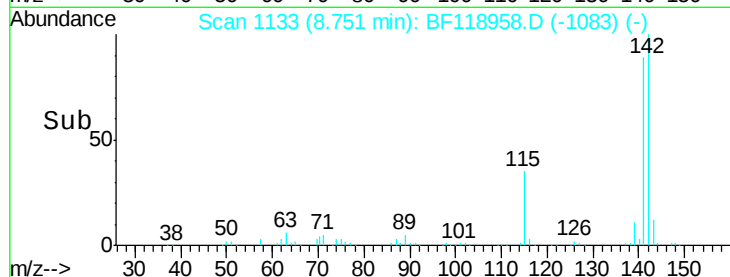
115 35.2 28.6 42.8



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: 21.853 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

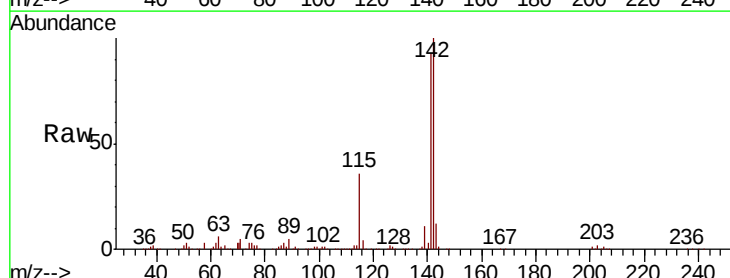
Tgt Ion:142 Resp: 422004

Ion Ratio Lower Upper

142 100

141 93.2 73.7 110.5

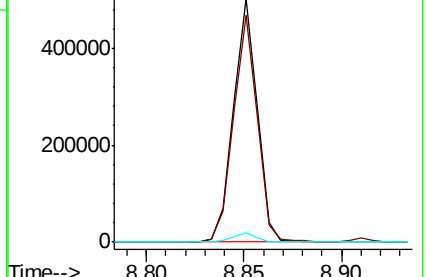
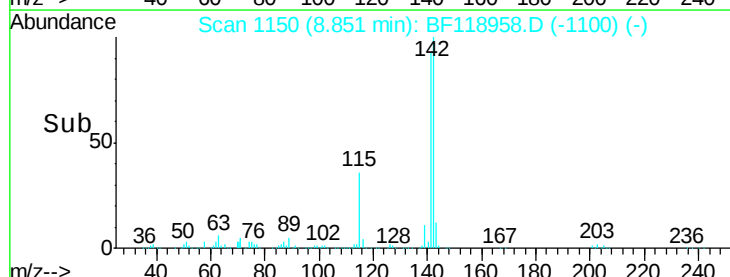
116 3.7 3.0 4.6

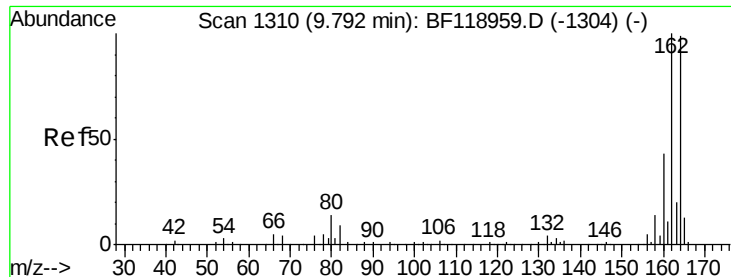


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampled :

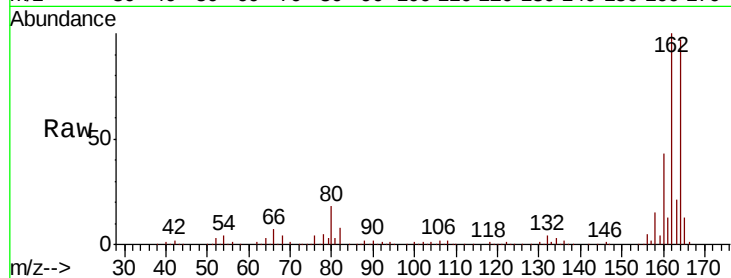
Tot Ion:164 Resp: 337828

Ion Ratio Lower Upper

164 100

162 103.1 81.2 121.8

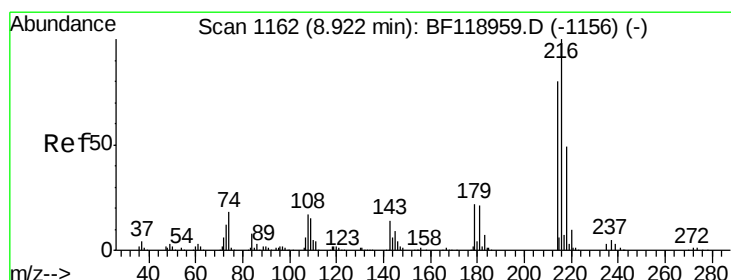
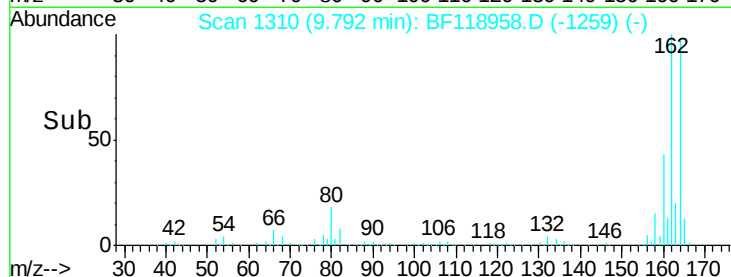
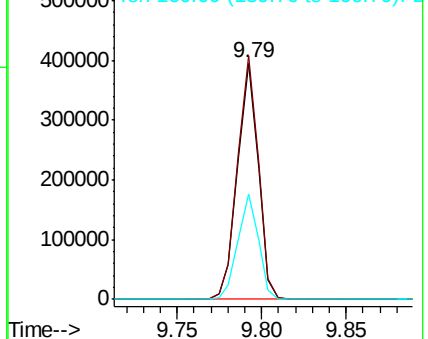
160 44.5 35.2 52.8



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: 21.945 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Tgt Ion:216 Resp: 237835

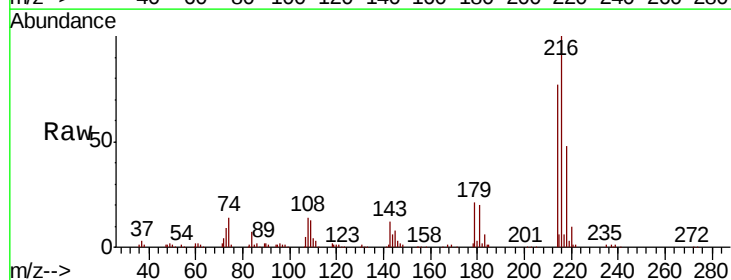
Ion Ratio Lower Upper

216 100

214 77.7 63.1 94.7

179 20.8 17.2 25.8

108 15.7 13.4 20.0

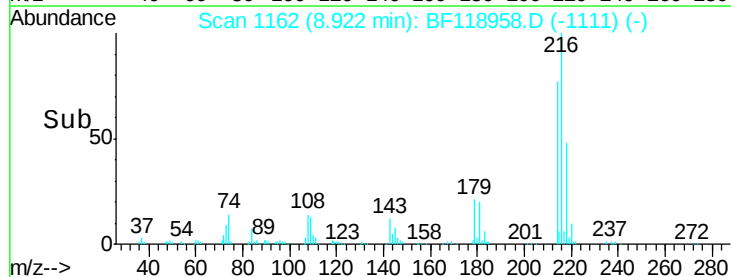
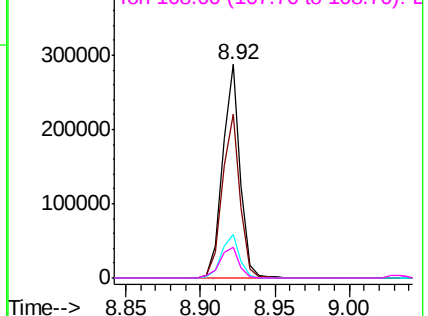


Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.071 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

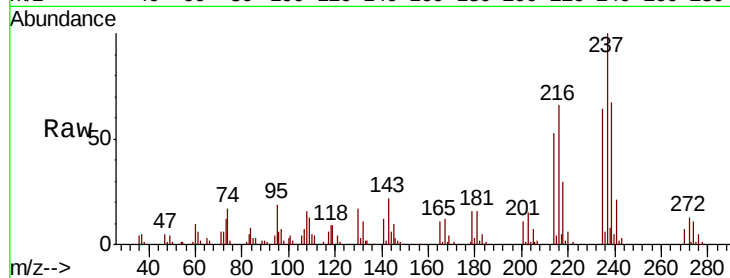
Tot Ion:237 Resp: 45760

Ion Ratio Lower Upper

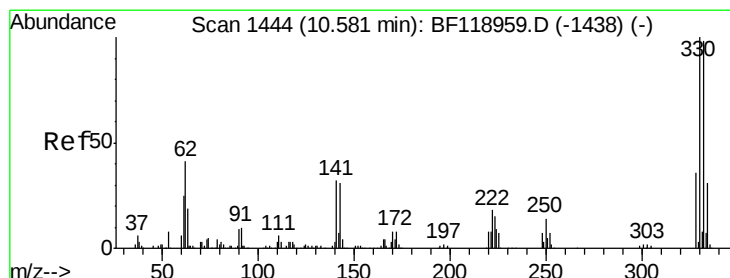
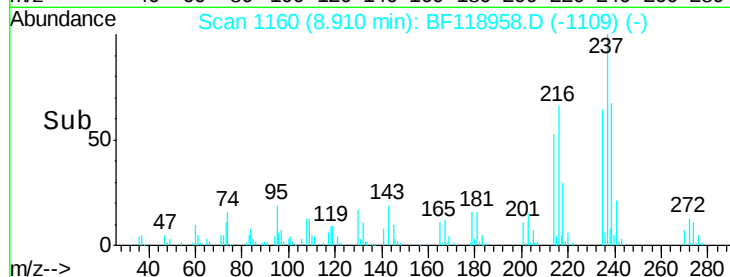
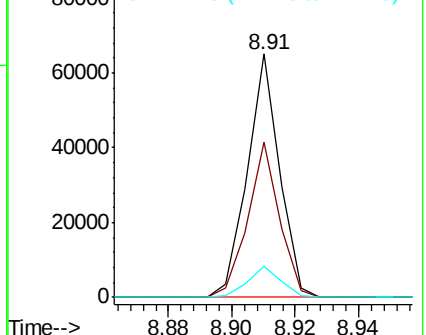
237 100

235 64.0 39.4 79.4

272 12.6 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 44.078 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

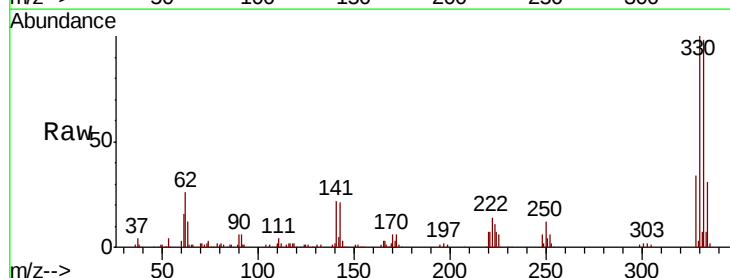
Tgt Ion:330 Resp: 184471

Ion Ratio Lower Upper

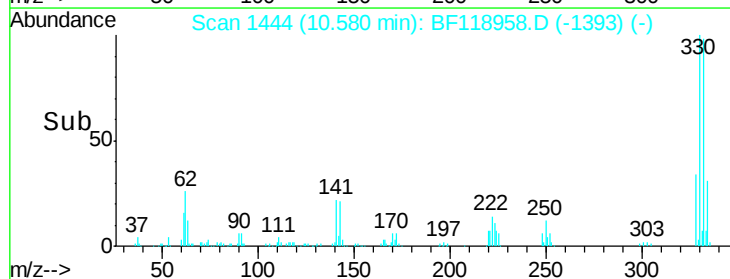
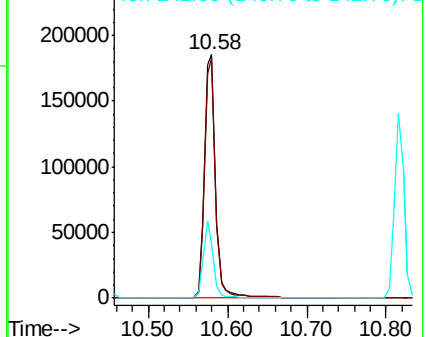
330 100

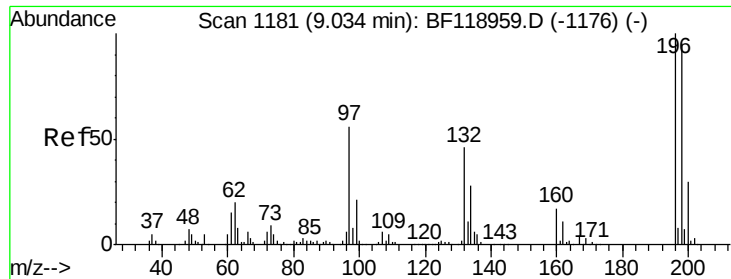
332 95.9 77.1 115.7

141 28.6 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

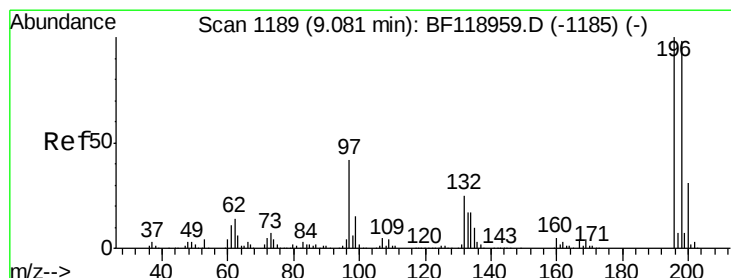
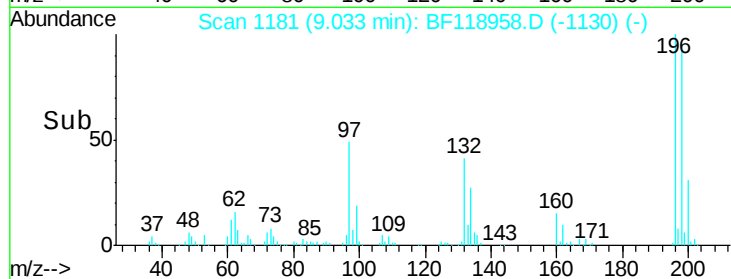
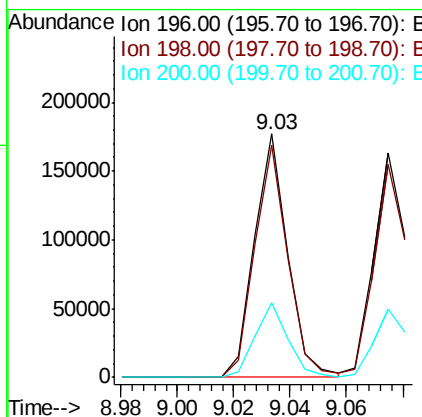
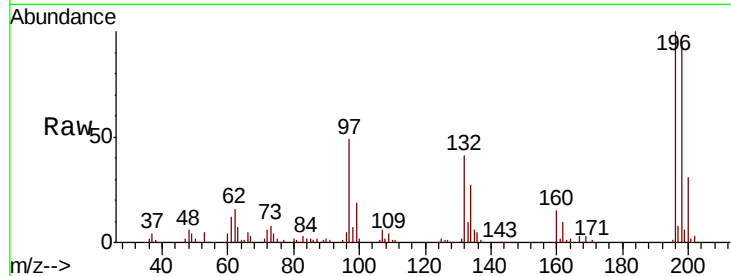




#43
 2,4,6-Trichlorophenol
 Concen: 20.163 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

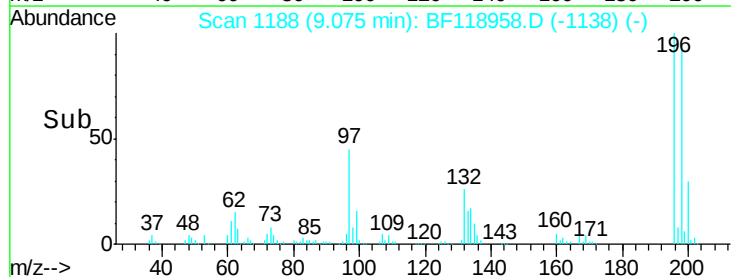
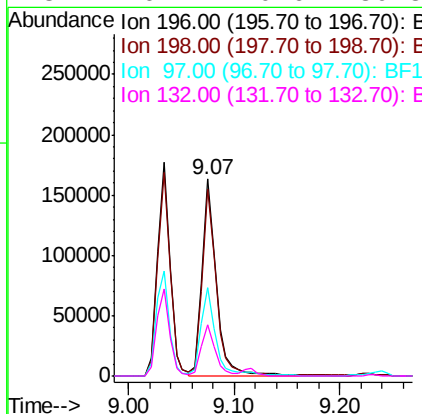
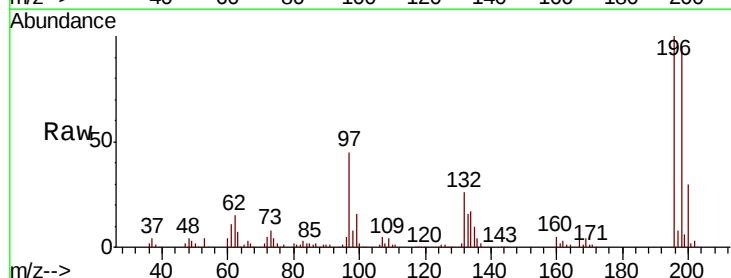
Instrument :
 BNA_F
 ClientSampled :

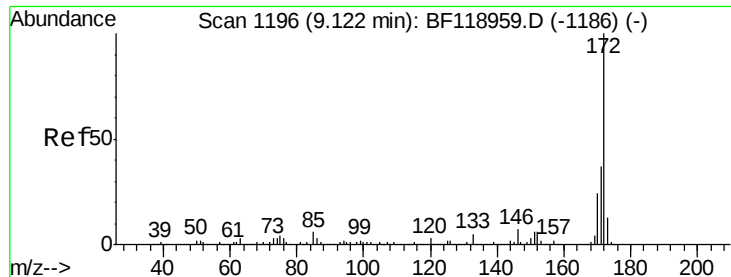
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.8	113.6
200	30.6	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 20.581 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	78.4	117.6
97	44.7	33.4	50.0
132	26.1	20.6	30.8

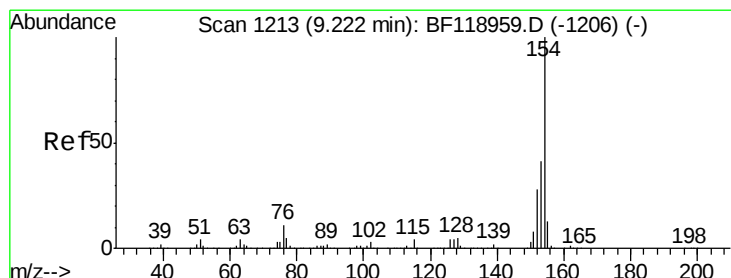
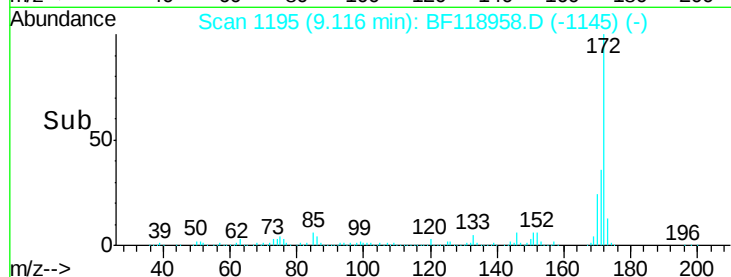
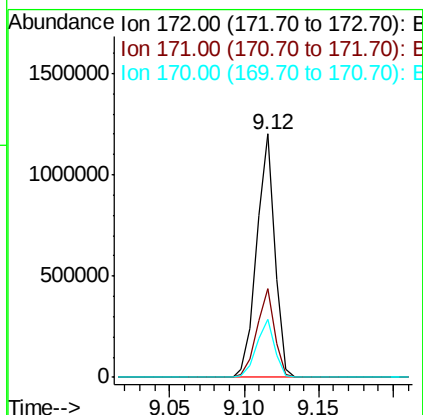
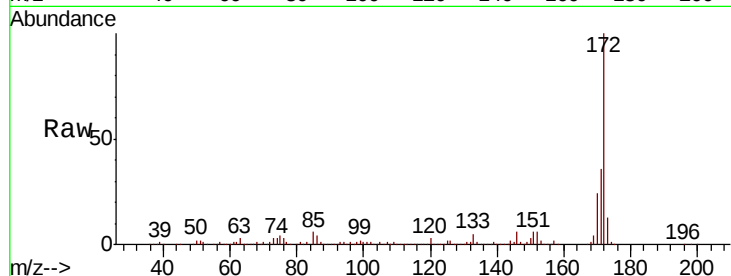




#45
2-Fluorobiphenyl
Concen: 47.480 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

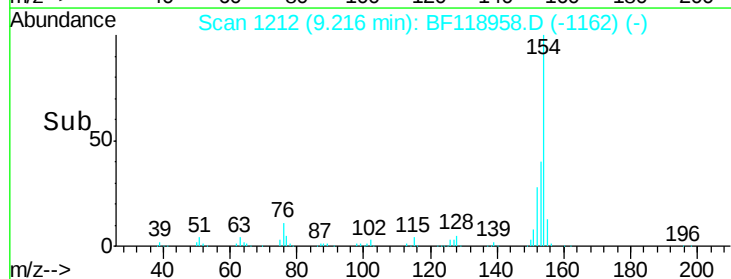
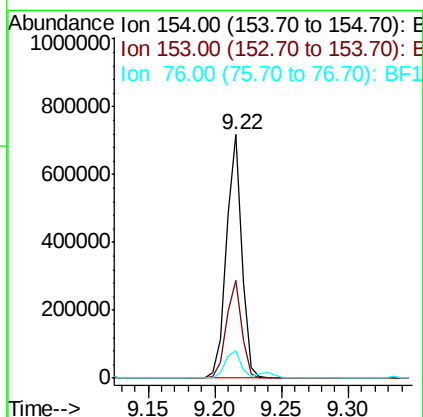
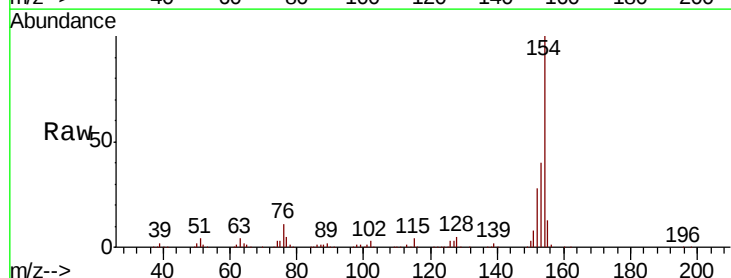
Instrument :
BNA_F
ClientSampleId :

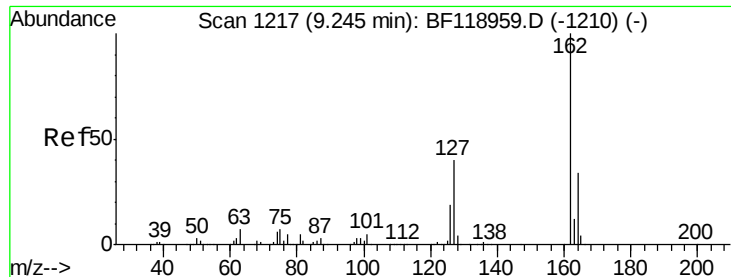
Tot Ion:172 Resp: 993013
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.2
170 23.8 19.6 29.4



#46
1,1'-Biphenyl
Concen: 22.516 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion:154 Resp: 584788
Ion Ratio Lower Upper
154 100
153 40.3 21.2 61.2
76 11.0 0.0 31.1

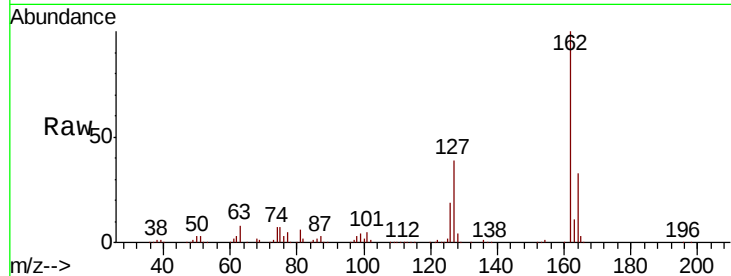




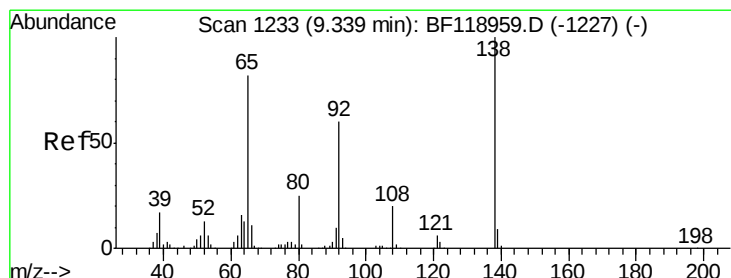
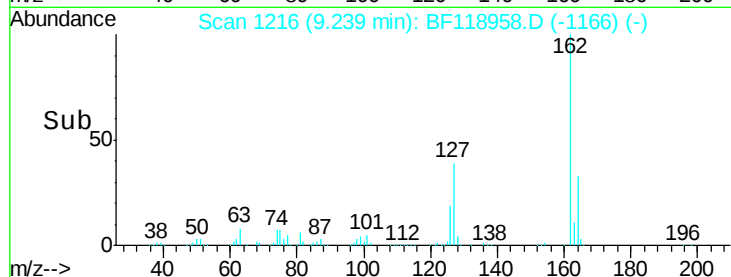
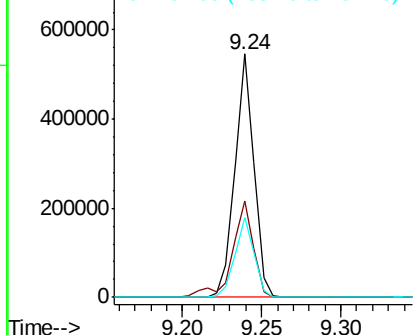
#47
 2-Chloronaphthalene
 Concen: 21.208 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.9	47.9
164	32.9	26.8	40.2

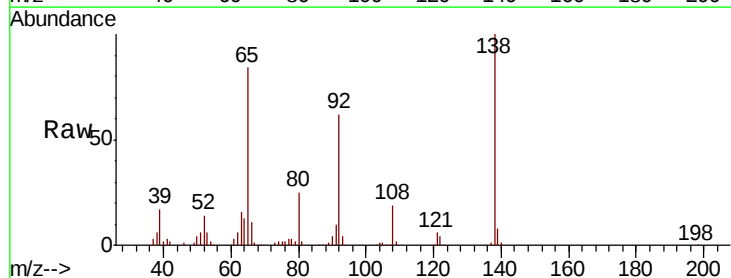


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

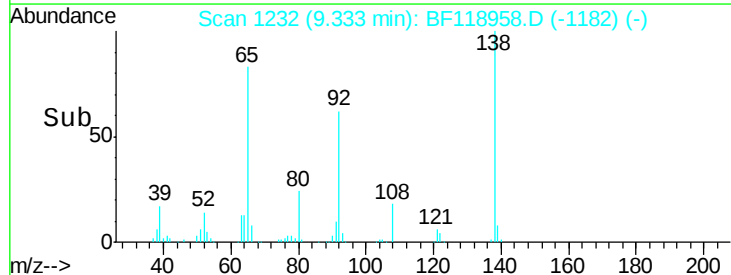
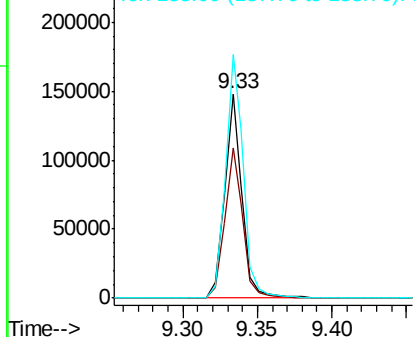


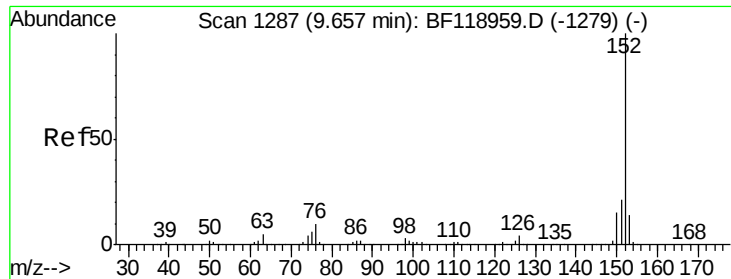
#48
 2-Nitroaniline
 Concen: 20.152 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	58.6	87.8
138	119.4	97.5	146.3



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





#49

Acenaphthylene

Concen: 21.915 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

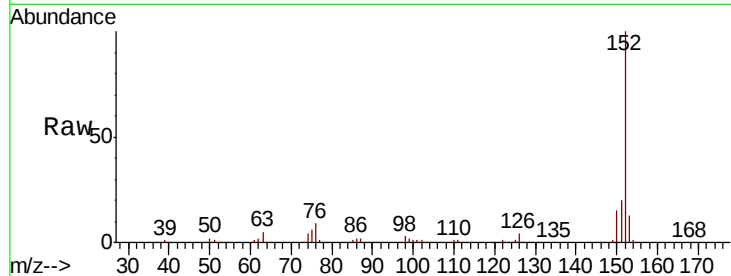
Tot Ion:152 Resp: 674439

Ion Ratio Lower Upper

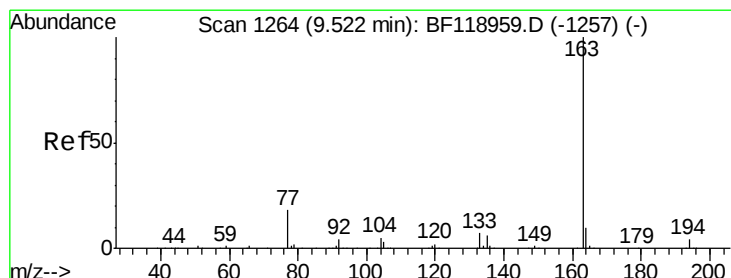
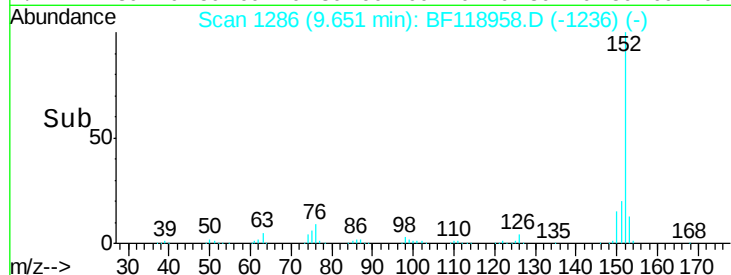
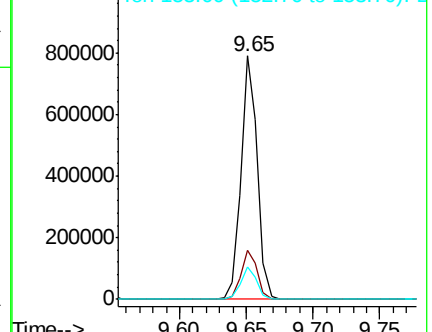
152 100

151 20.2 16.7 25.1

153 13.4 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: 20.904 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

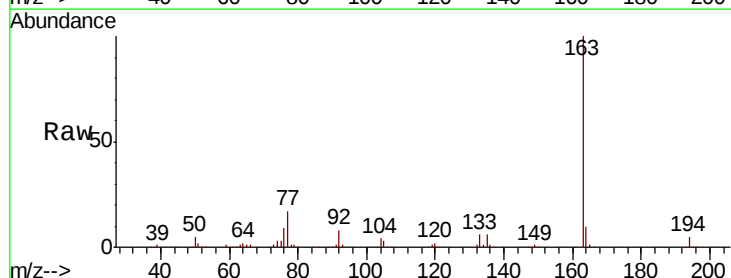
Tgt Ion:163 Resp: 533163

Ion Ratio Lower Upper

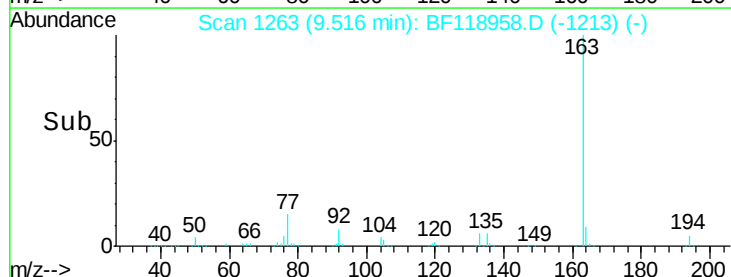
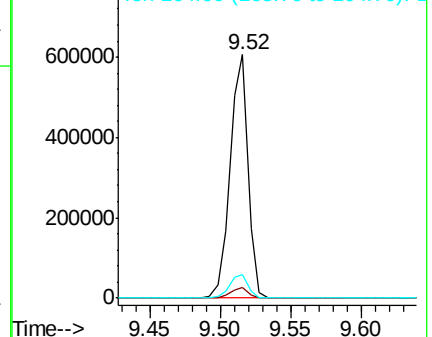
163 100

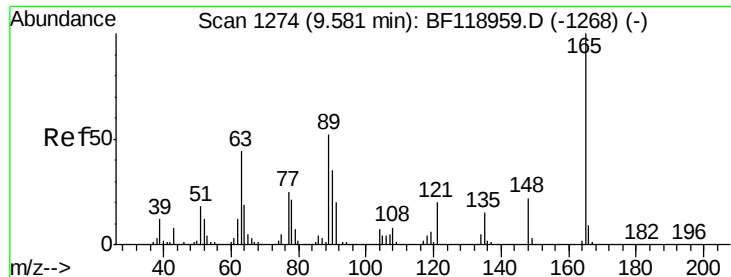
194 4.5 3.4 5.2

164 9.8 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

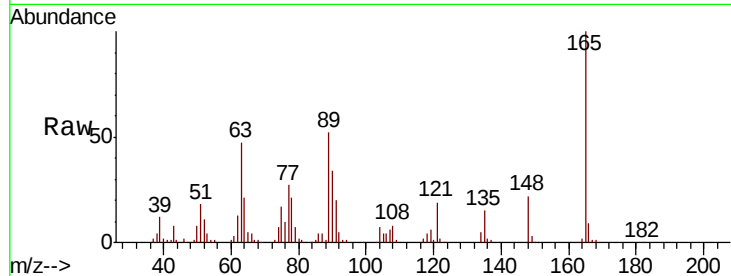




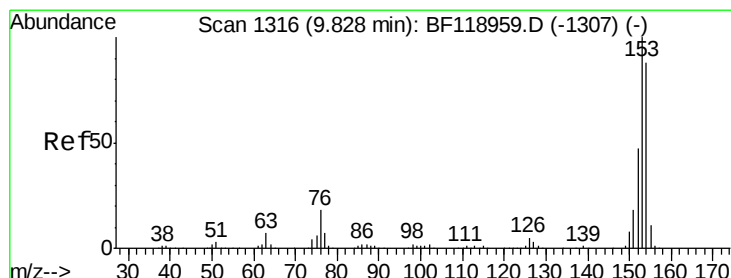
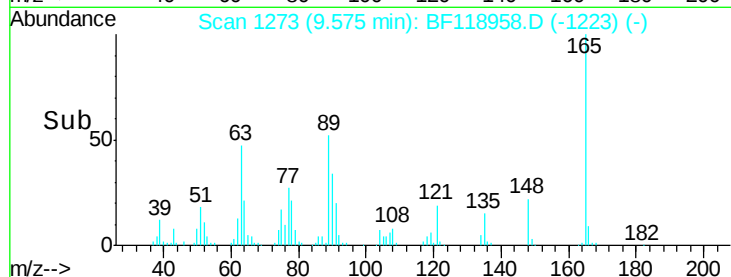
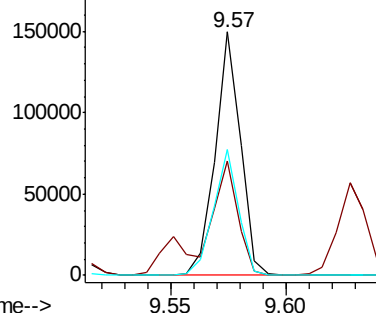
#51
 2,6-Dinitrotoluene
 Concen: 20.117 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.9	37.9	56.9
89	51.7	41.4	62.0

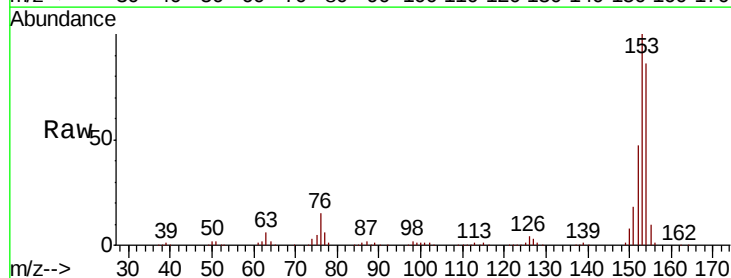


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

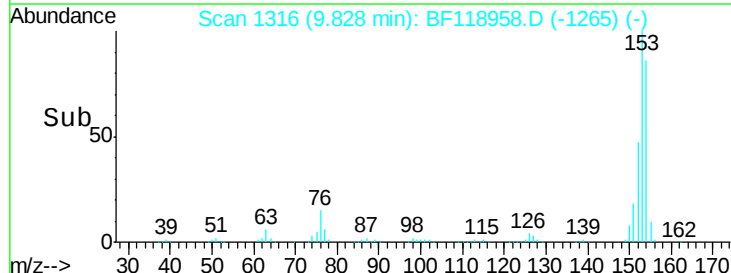
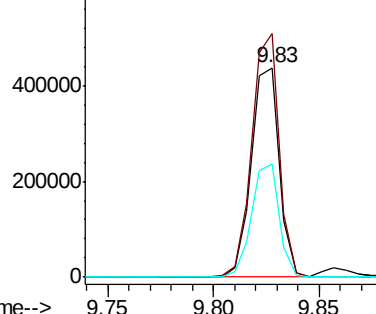


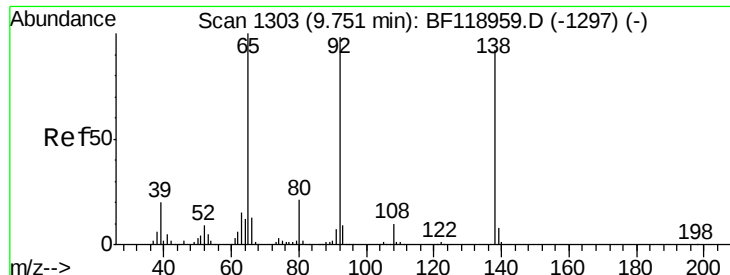
#52
 Acenaphthene
 Concen: 21.625 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.4	90.4	135.6
152	54.3	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

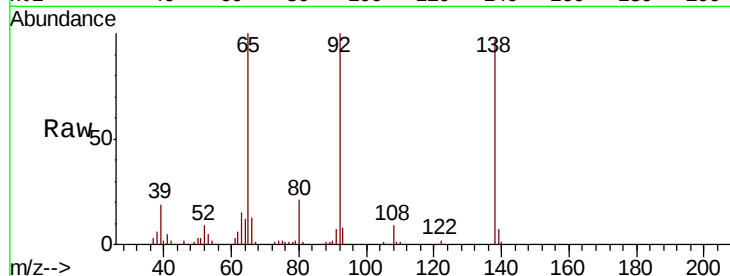




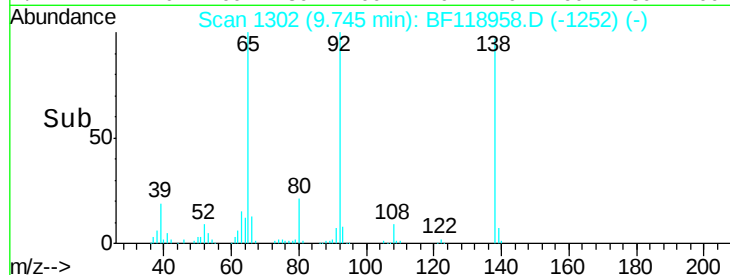
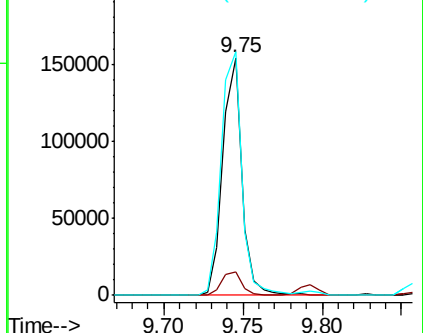
#53
3-Nitroaniline
Concen: 20.718 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 129897
Ion Ratio Lower Upper
138 100
108 9.7 8.6 13.0
92 102.6 84.6 127.0

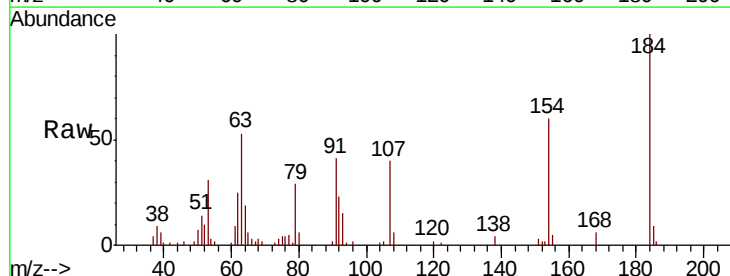


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

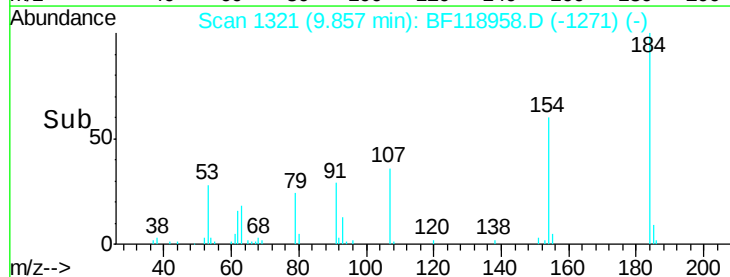
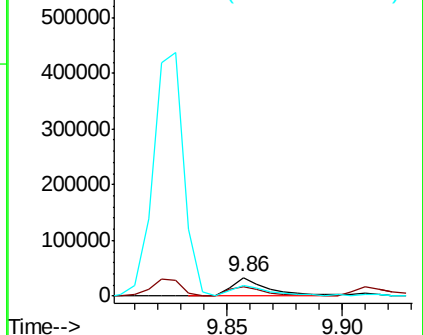


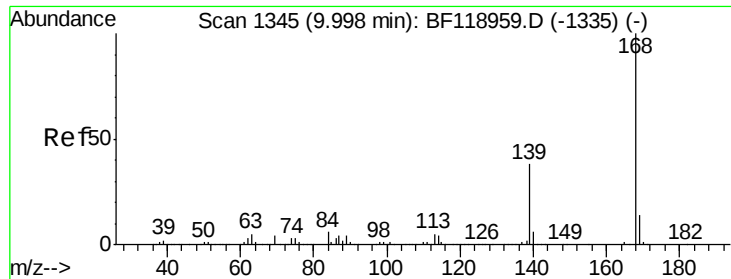
#54
2,4-Dinitrophenol
Concen: 14.256 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion:184 Resp: 36123
Ion Ratio Lower Upper
184 100
63 52.7 37.8 56.6
154 59.9 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

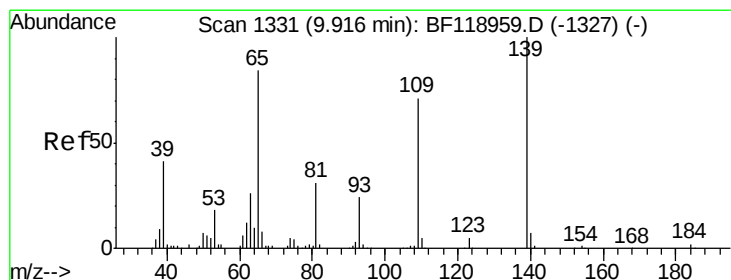
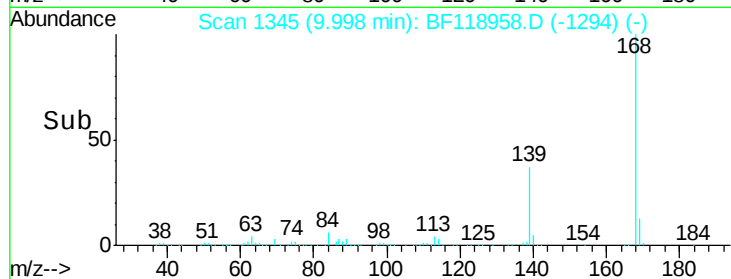
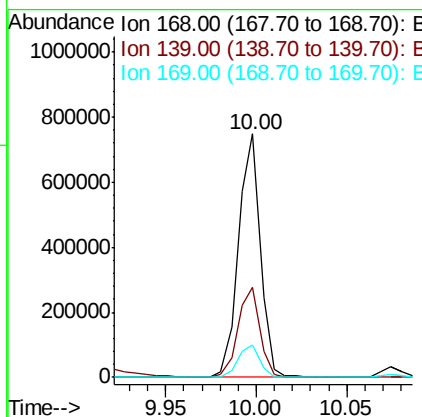
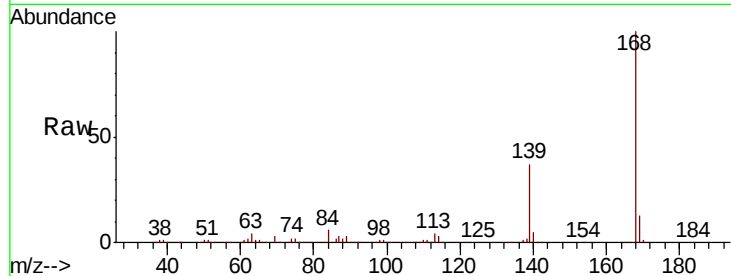




#55
Dibenzenofuran
Concen: 22.366 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

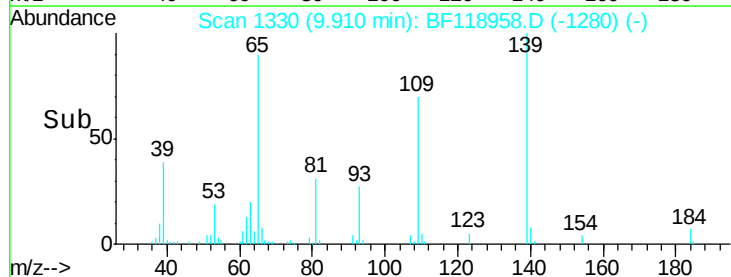
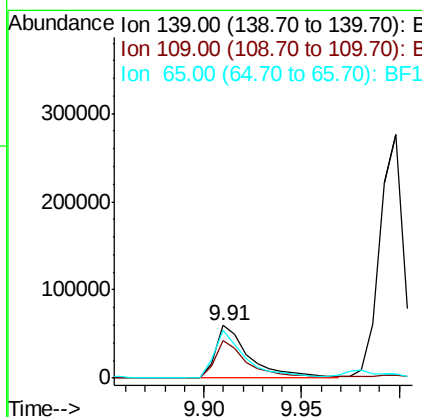
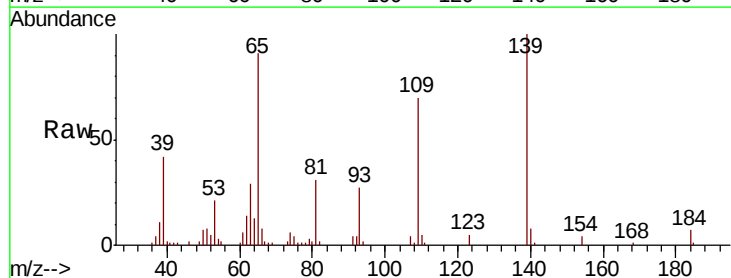
Instrument :
BNA_F
ClientSampleId :

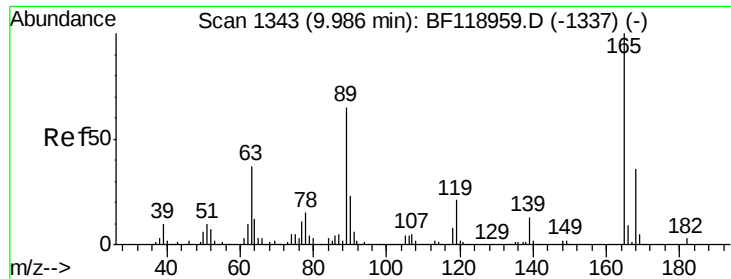
Tot Ion:168 Resp: 625470
Ion Ratio Lower Upper
168 100
139 36.9 31.7 47.5
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 18.884 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion:139 Resp: 72936
Ion Ratio Lower Upper
139 100
109 70.4 51.1 91.1
65 91.2 64.7 104.7

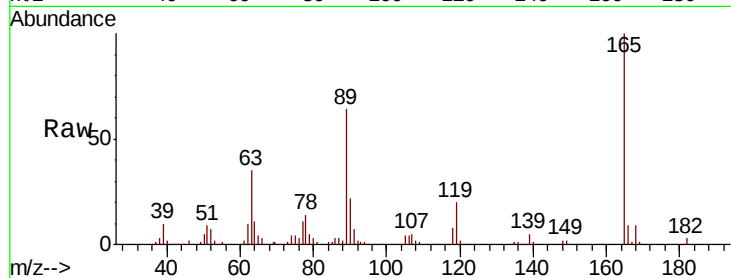




#57
2,4-Dinitrotoluene
Concen: 20.978 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.6	29.8	44.8
89	63.5	51.9	77.9
182	3.0	2.3	3.5



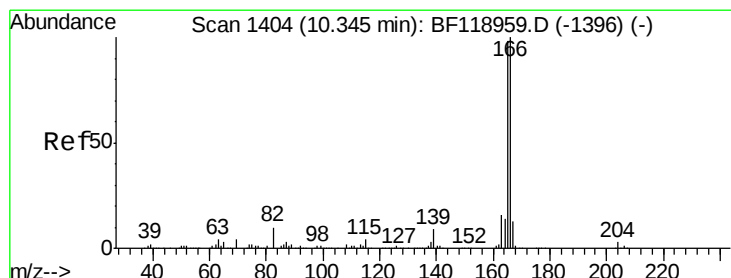
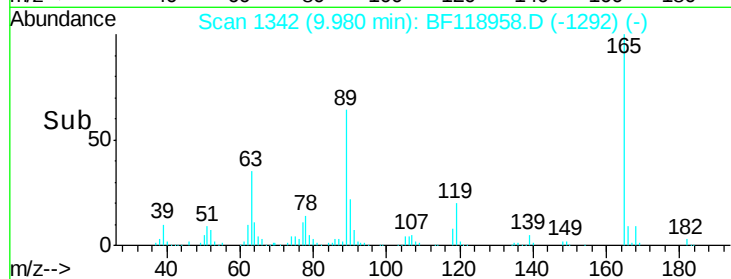
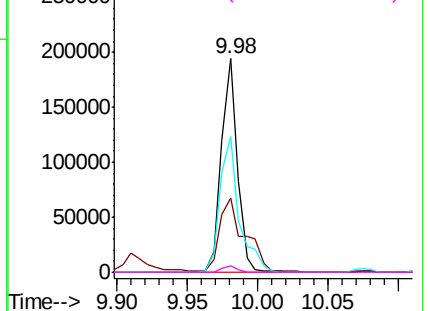
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

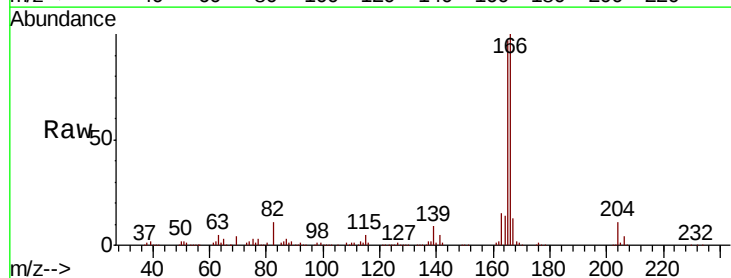
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 22.561 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.2	117.4
167	13.4	10.6	16.0

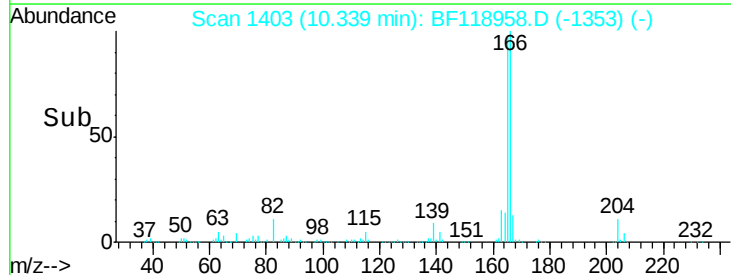
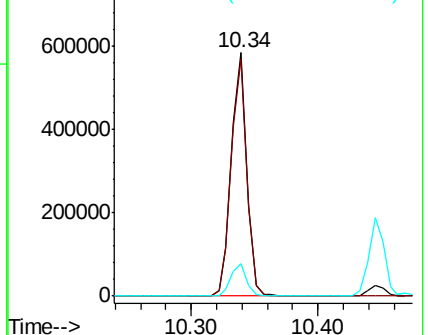


Abundance

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

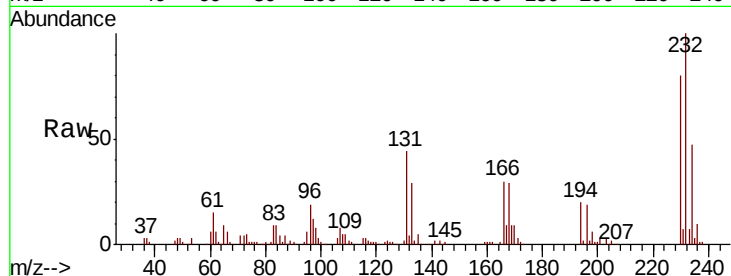




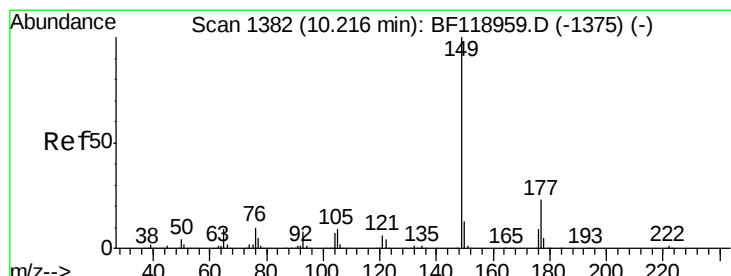
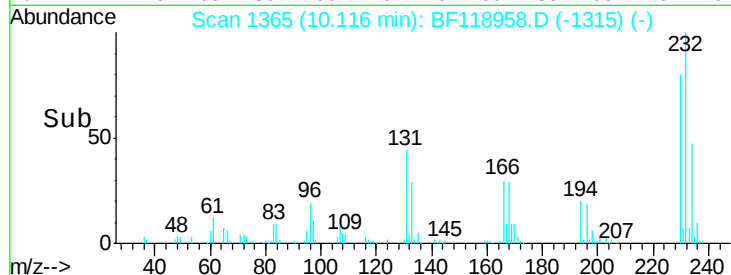
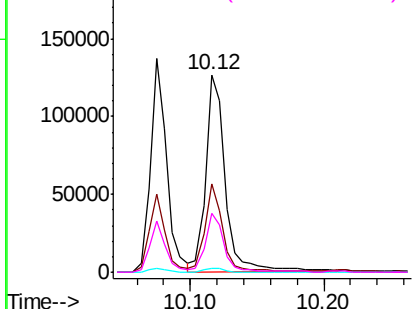
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.097 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 128092
 Ion Ratio Lower Upper
 232 100
 131 41.6 34.0 51.0
 130 2.0 1.6 2.4
 166 28.0 23.6 35.4

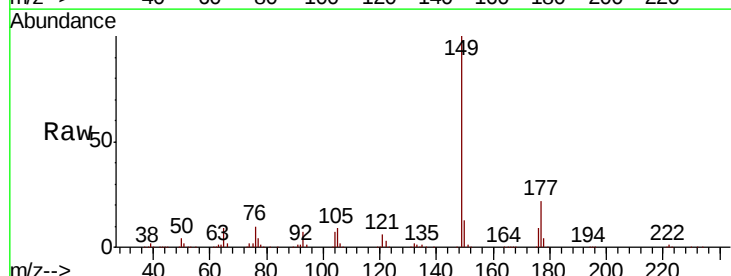


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

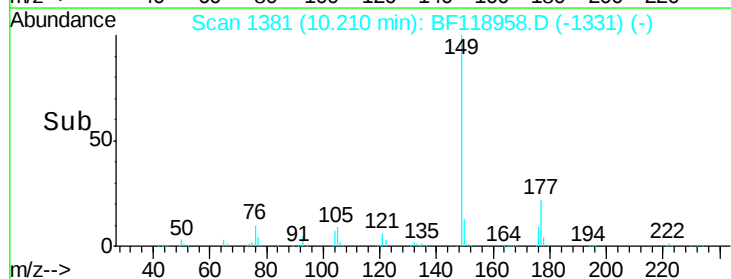
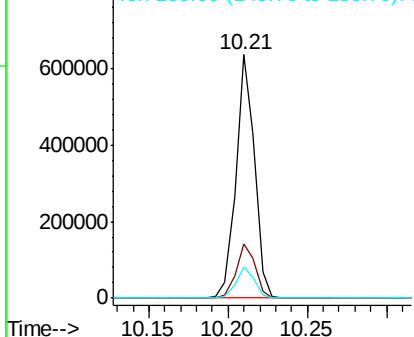


#60
 Diethylphthalate
 Concen: 21.431 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

Tgt Ion:149 Resp: 515289
 Ion Ratio Lower Upper
 149 100
 177 22.1 18.1 27.1
 150 12.8 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

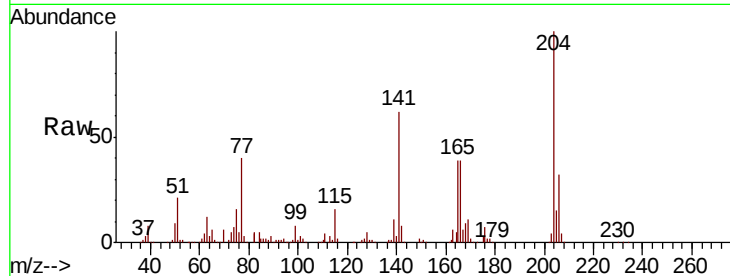




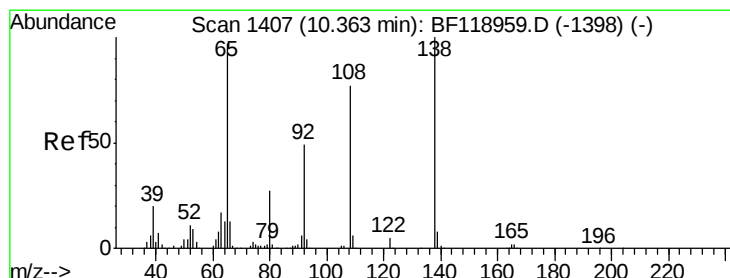
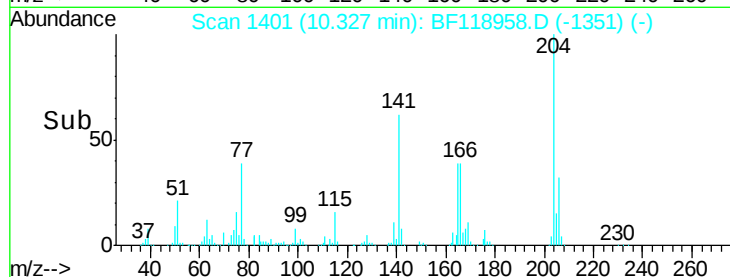
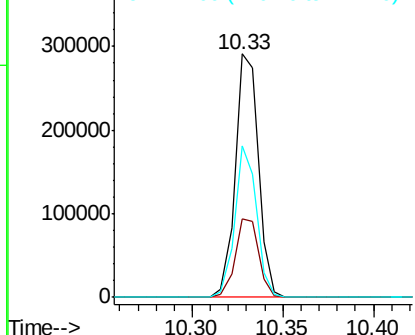
#61
4-Chlorophenyl-phenylether
Concen: 22.515 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	62.2	49.5	74.3

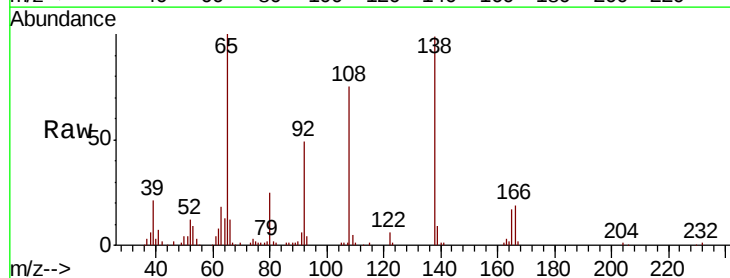


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

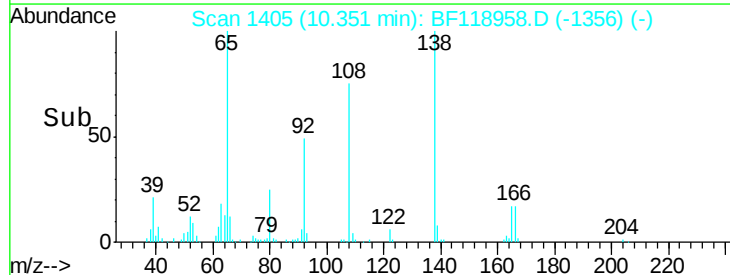
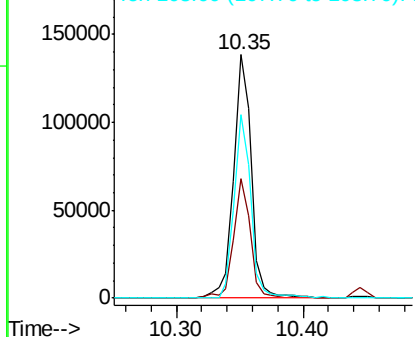


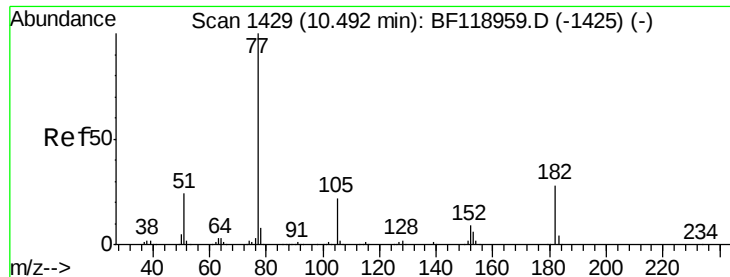
#62
4-Nitroaniline
Concen: 20.605 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	28.7	68.7
108	75.2	56.8	96.8



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

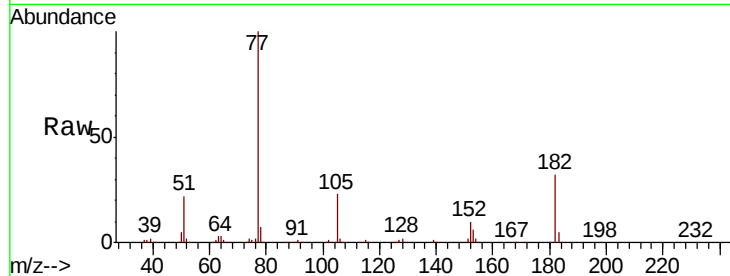




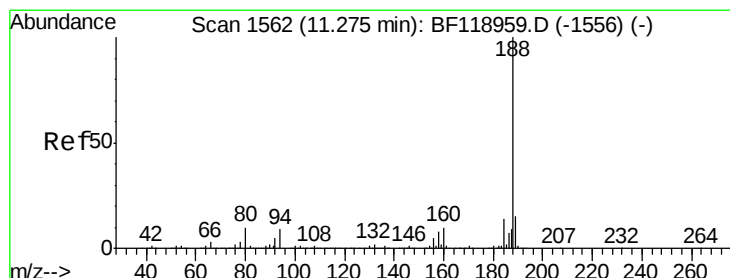
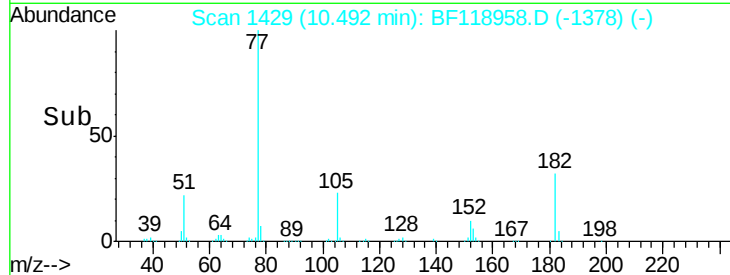
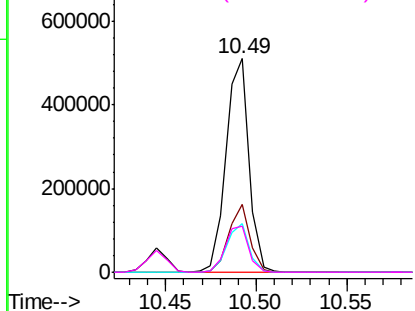
#63
Azobenzene
Concen: 21.189 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	448052
Ion	Ratio	Lower	Upper
77	100		
182	31.9	8.2	48.2
105	22.8	2.3	42.3
51	21.8	3.6	43.6

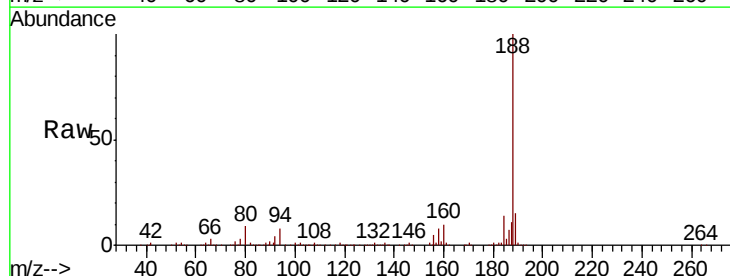


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

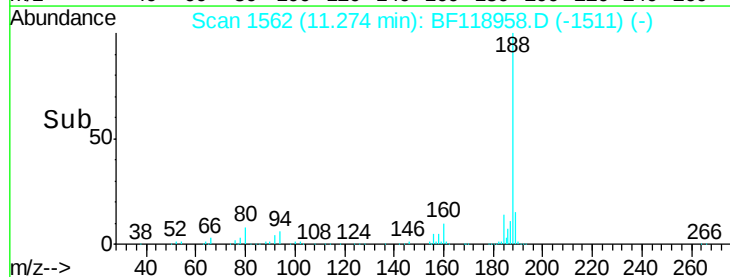
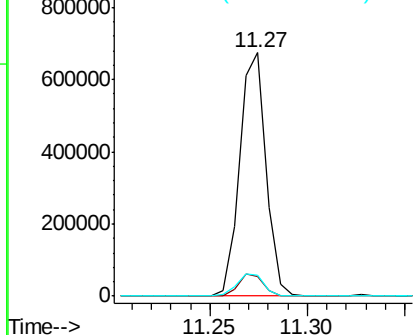


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion:	188	Resp:	630357
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	8.6	7.9	11.9



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





#65

4,6-Dinitro-2-methylphenol

Concen: 18.369 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampled :

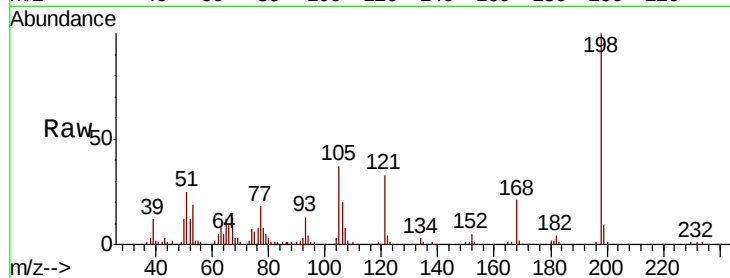
Tot Ion:198 Resp: 71359

Ion Ratio Lower Upper

198 100

51 25.2 7.1 47.1

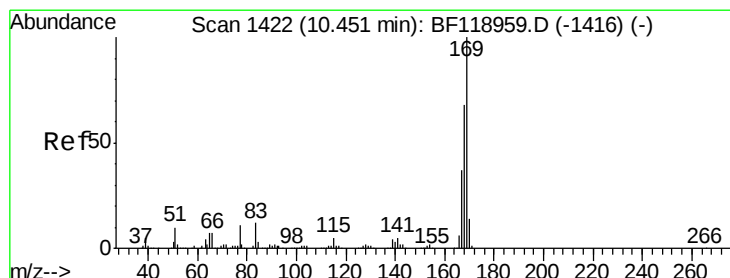
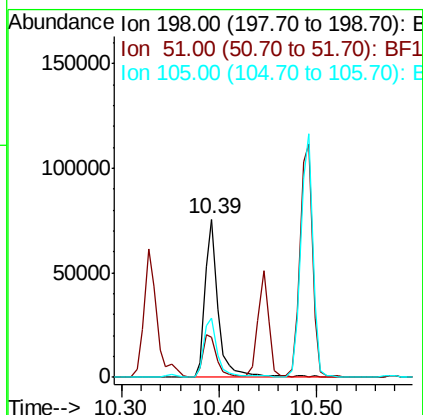
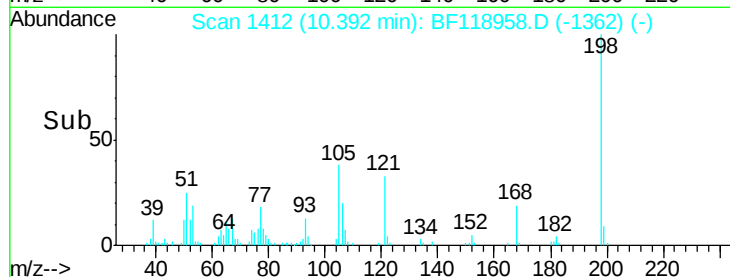
105 37.4 18.3 58.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 21.644 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

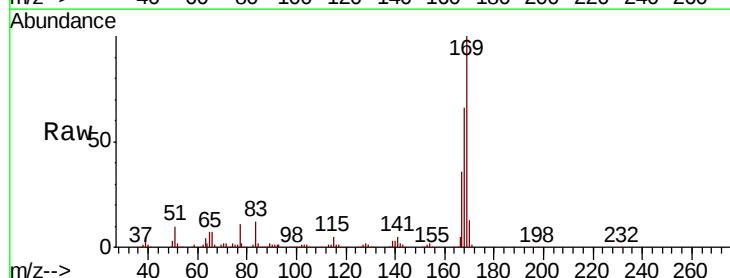
Tgt Ion:169 Resp: 432071

Ion Ratio Lower Upper

169 100

168 66.1 54.2 81.2

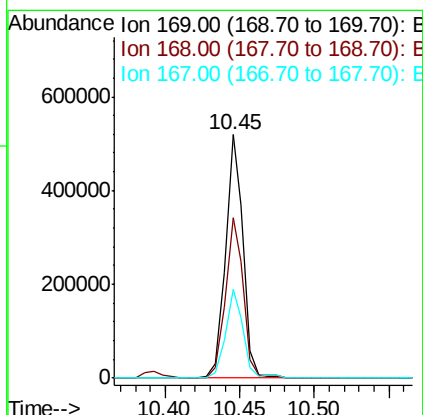
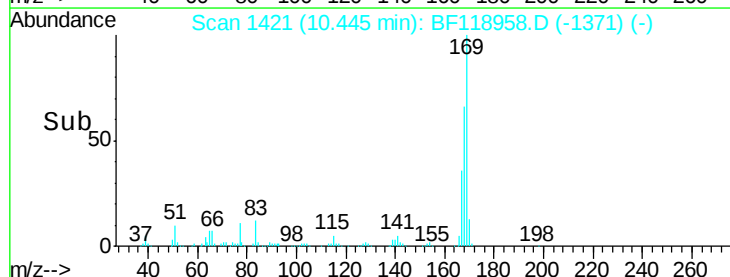
167 36.3 29.4 44.2

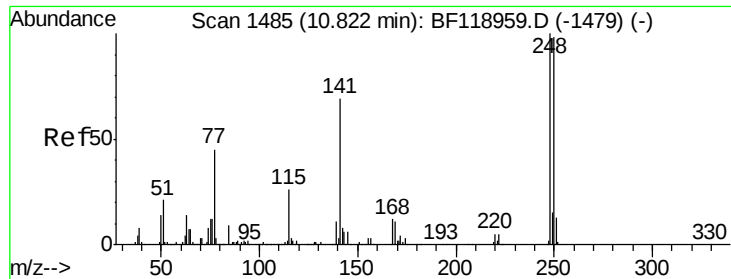


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

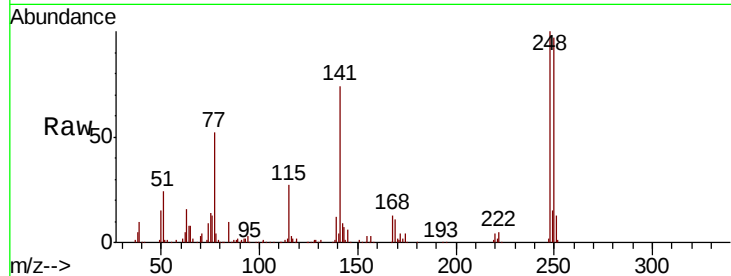




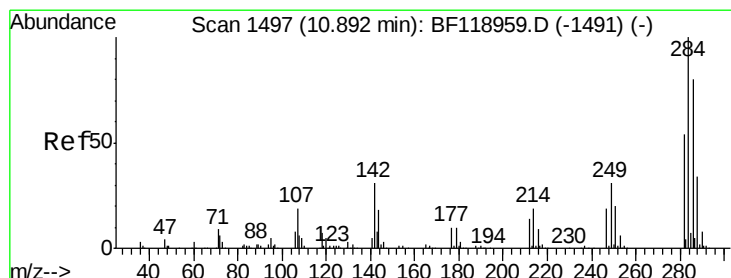
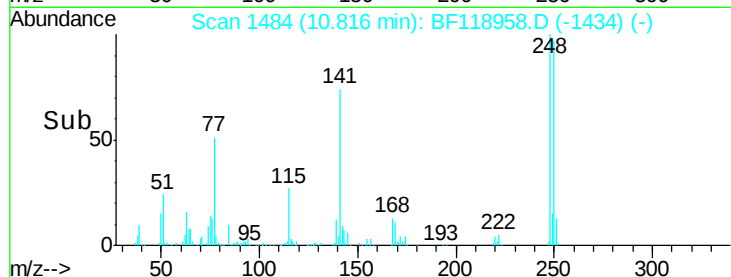
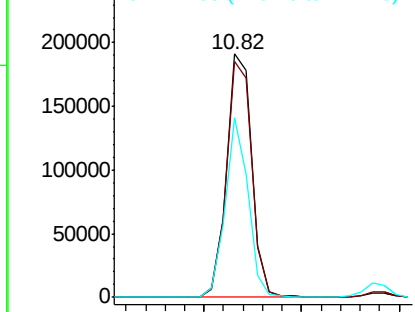
#67
4-Bromophenyl-phenylether
Concen: 21.199 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 171552
Ion Ratio Lower Upper
248 100
250 97.0 78.8 118.2
141 73.7 55.3 82.9

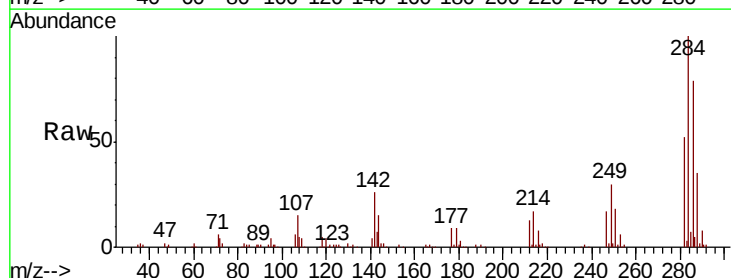


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

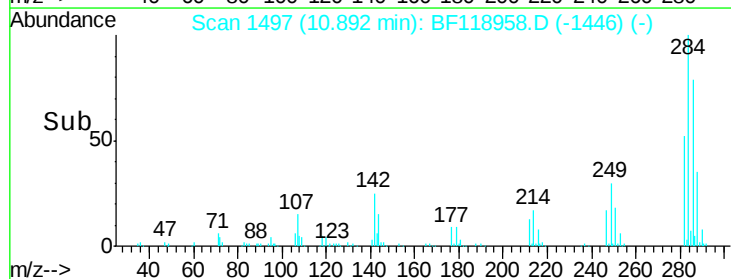
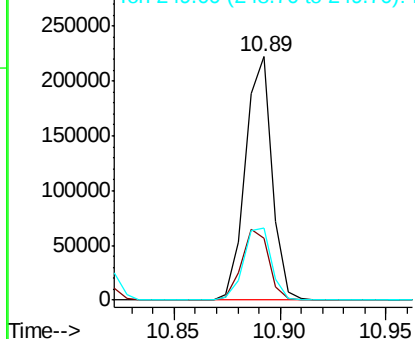


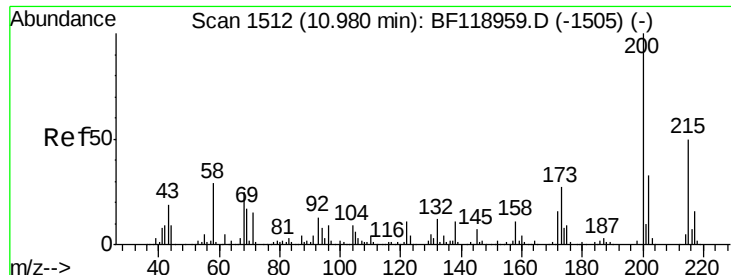
#68
Hexachlorobenzene
Concen: 21.024 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion:284 Resp: 194780
Ion Ratio Lower Upper
284 100
142 25.7 25.0 37.6
249 29.6 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

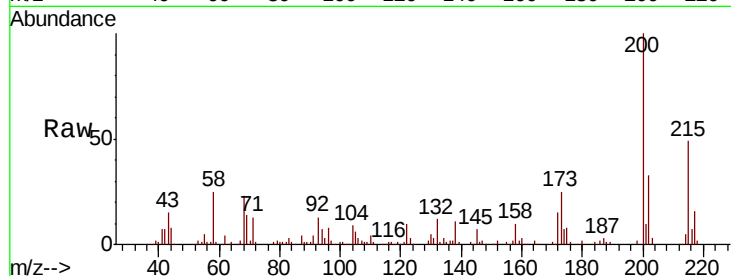




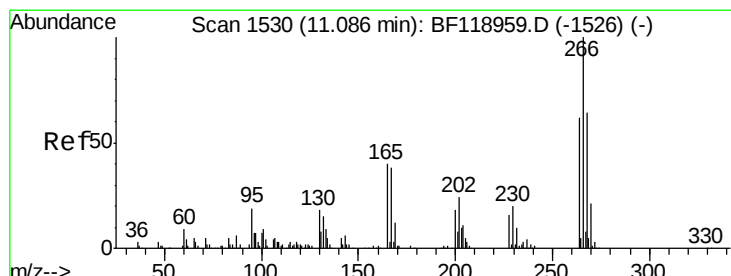
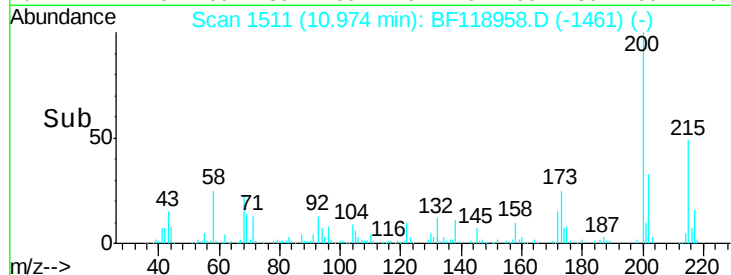
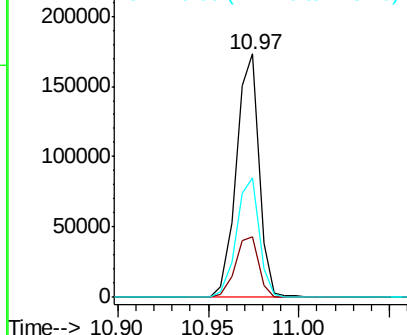
#69
Atrazine
Concen: 22.668 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 151460
Ion Ratio Lower Upper
200 100
173 24.7 6.9 46.9
215 49.3 29.7 69.7

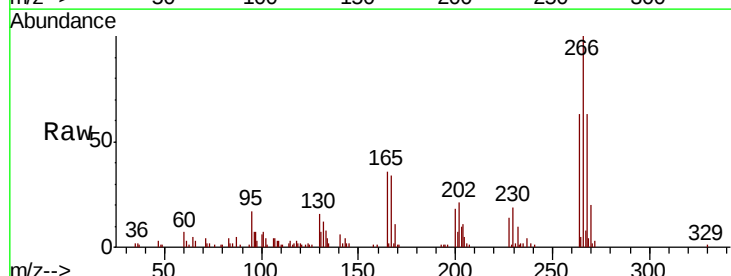


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

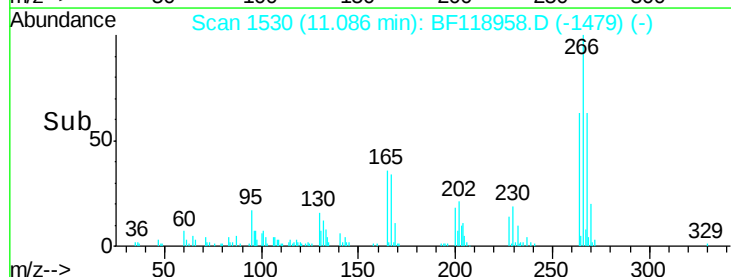
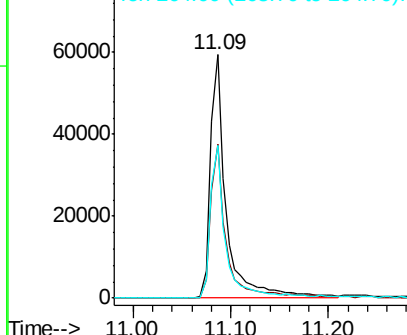


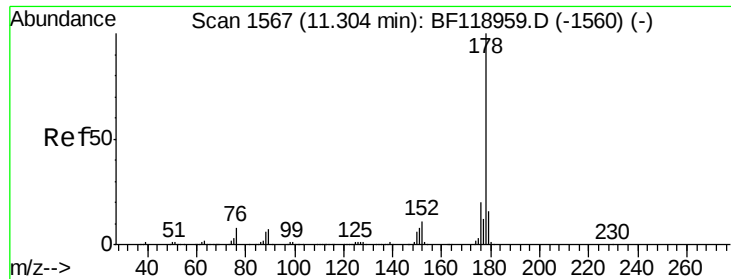
#70
Pentachlorophenol
Concen: 17.017 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion:266 Resp: 67495
Ion Ratio Lower Upper
266 100
268 63.3 51.4 77.0
264 62.9 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

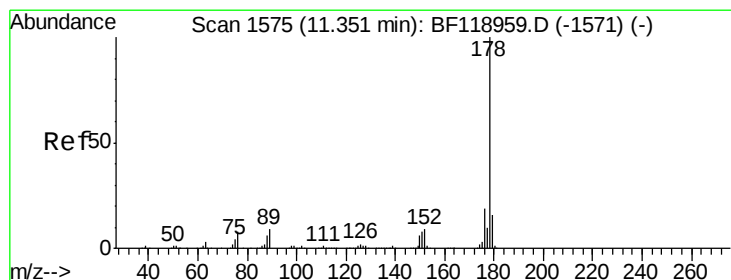
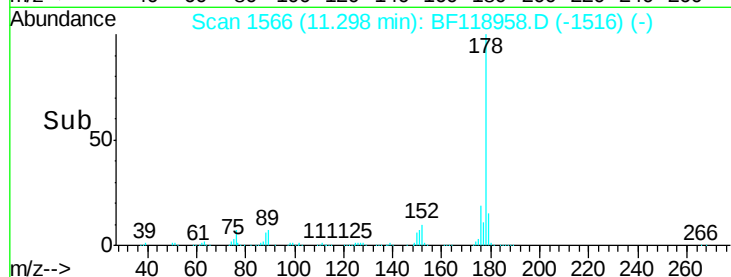
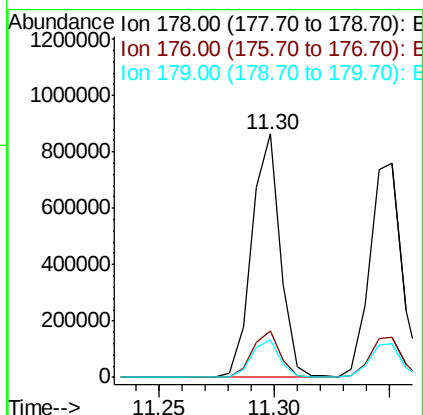
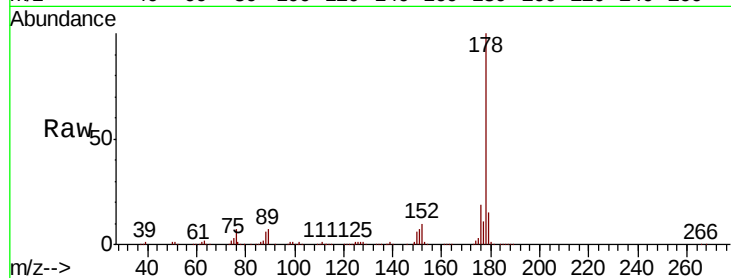




#71
Phenanthrene
Concen: 22.535 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

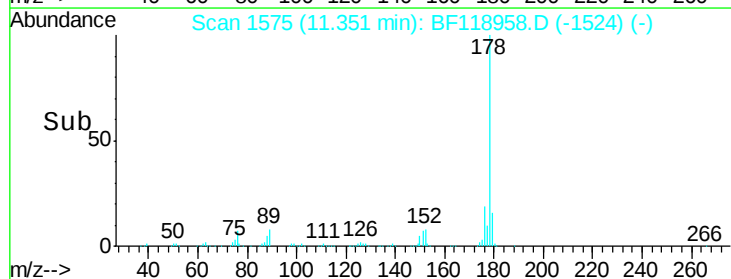
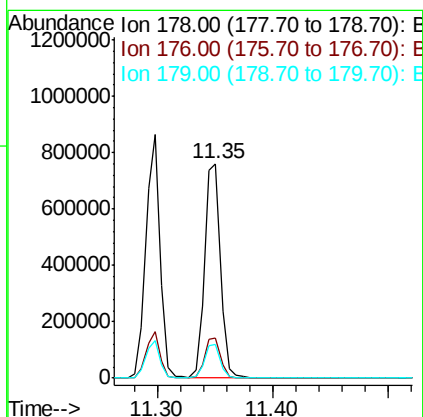
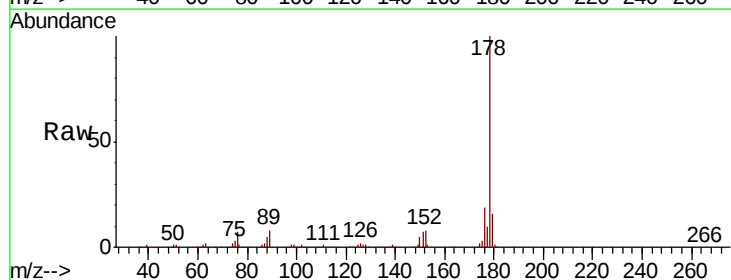
Instrument :
BNA_F
ClientSampled :

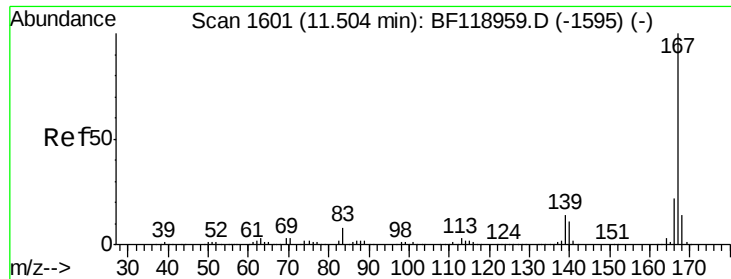
Tot Ion:178 Resp: 745921
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.2 12.6 18.8



#72
Anthracene
Concen: 22.240 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion:178 Resp: 736532
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.7 12.8 19.2

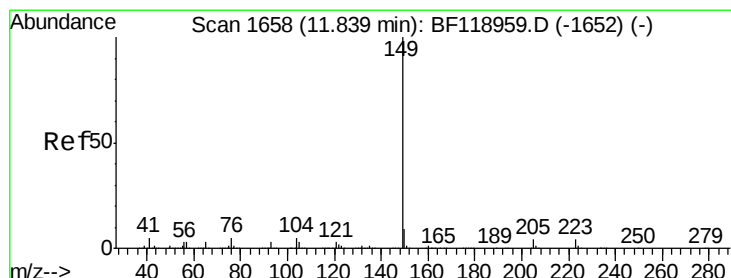
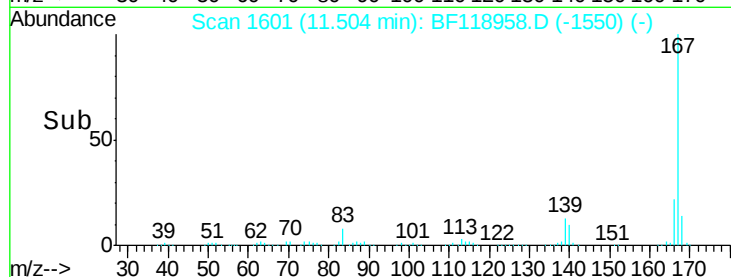
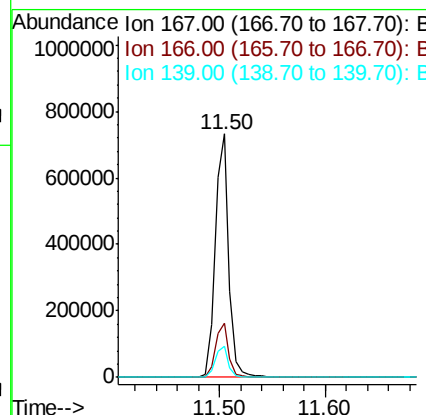
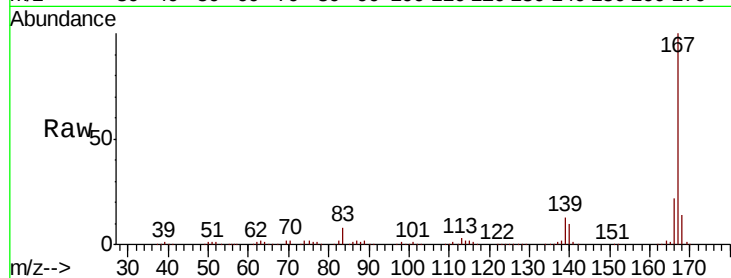




#73
 Carbazole
 Concen: 22.126 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

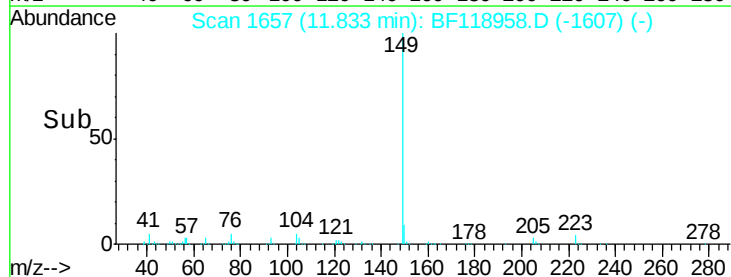
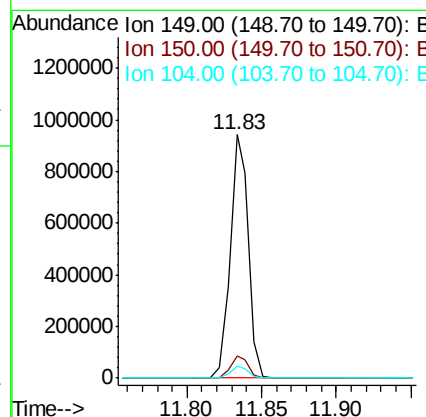
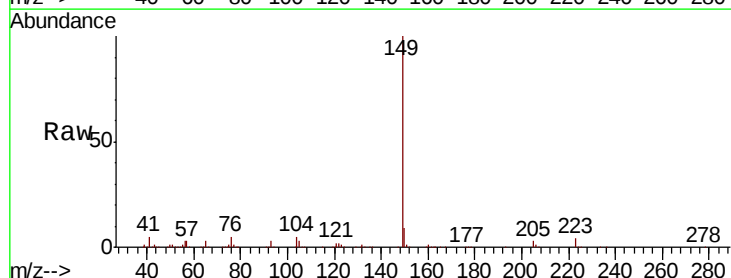
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	12.8	11.2	16.8



#74
 Di-n-butylphthalate
 Concen: 21.469 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.8	4.0	6.0

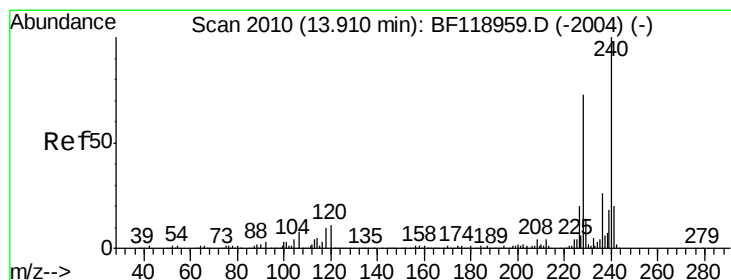
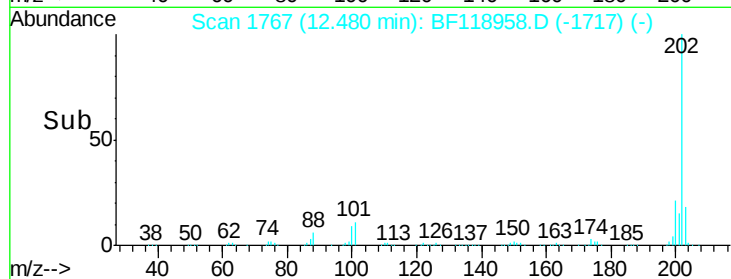
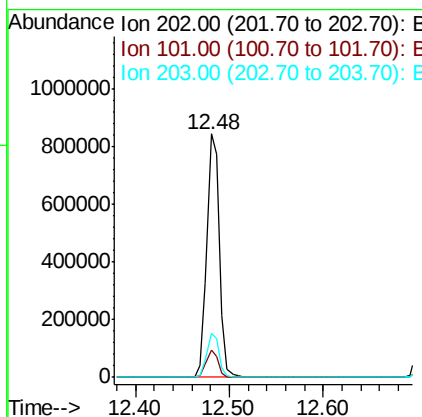
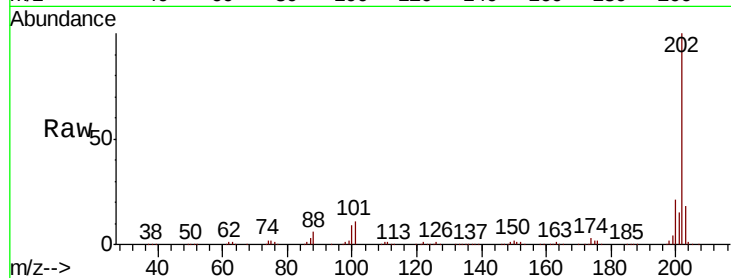




#75
Fluoranthene
Concen: 21.582 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

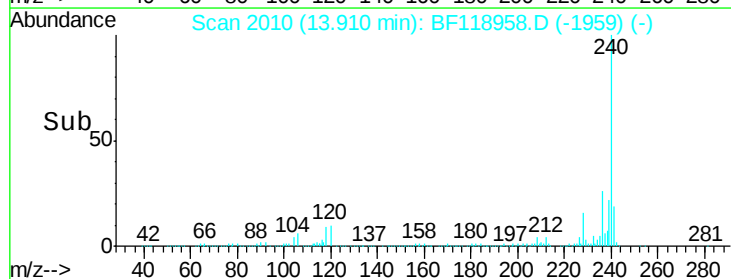
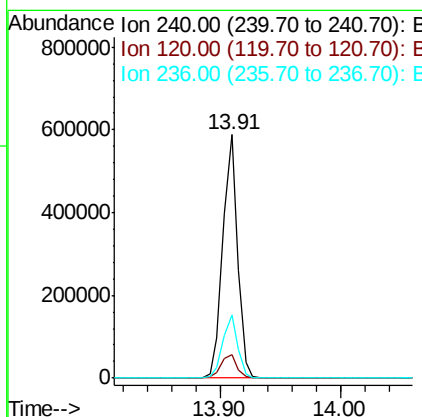
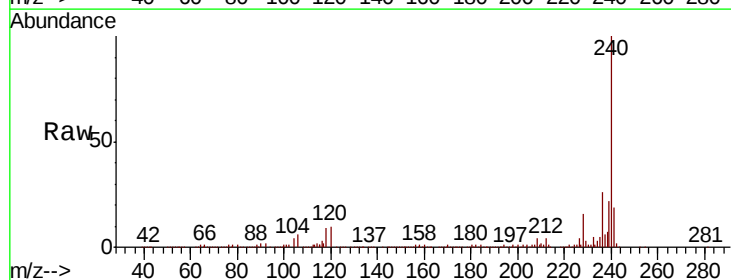
Instrument :
BNA_F
ClientSampled :

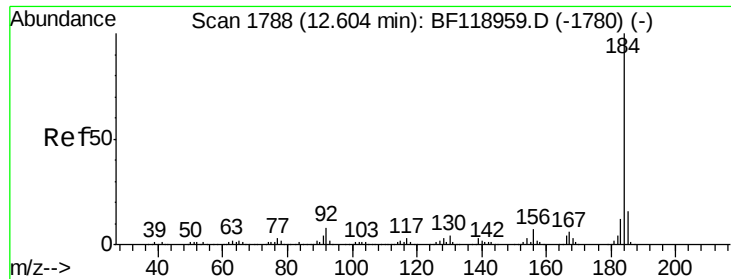
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.1
203	18.1	0.0	38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.9	13.3
236	25.8	20.6	30.8





#77

Benzidine

Concen: 27.156 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

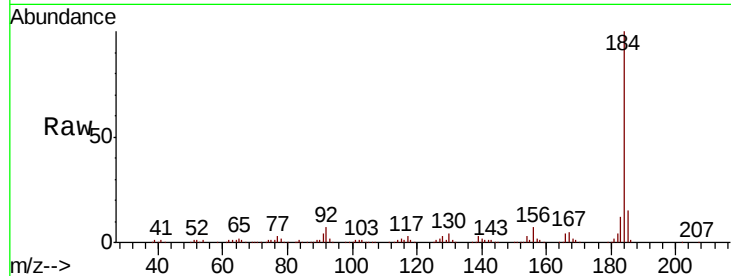
Tot Ion:184 Resp: 431375

Ion Ratio Lower Upper

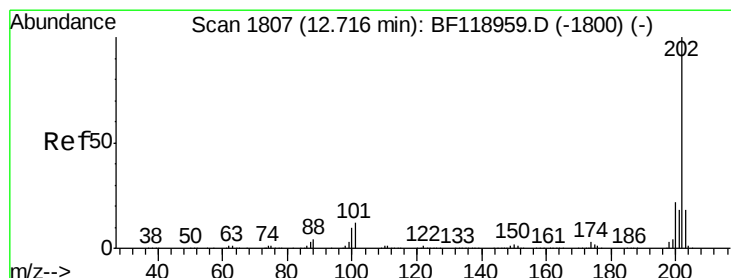
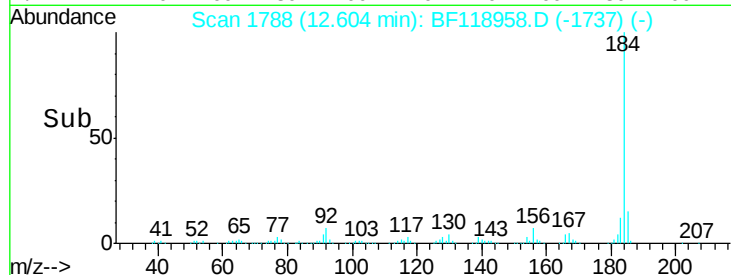
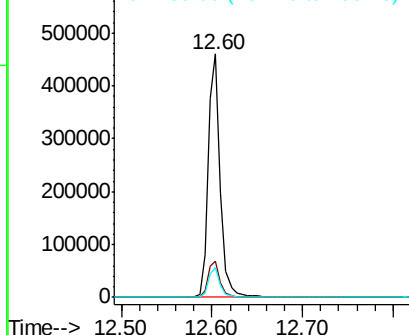
184 100

185 14.7 12.6 19.0

183 12.2 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 22.486 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

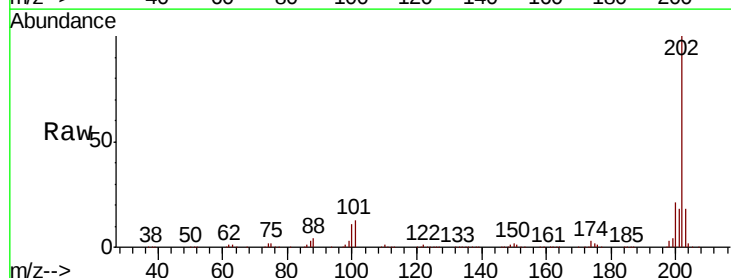
Tgt Ion:202 Resp: 805136

Ion Ratio Lower Upper

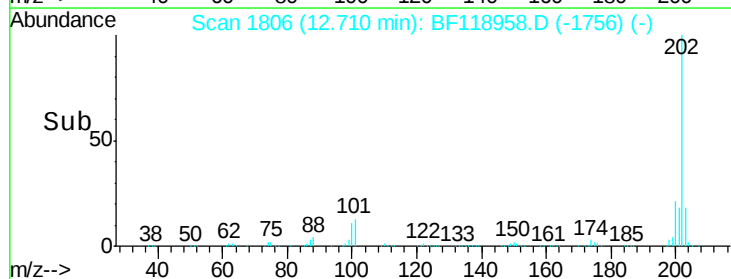
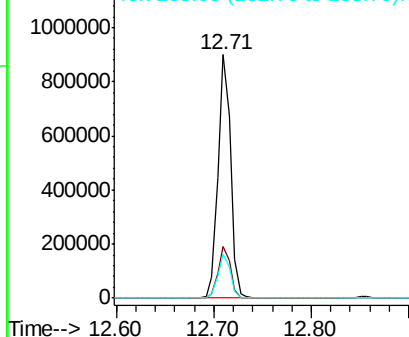
202 100

200 21.3 17.4 26.0

203 18.2 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: 49.325 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

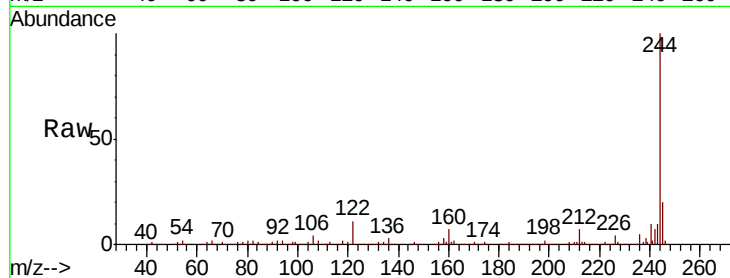
Tot Ion:244 Resp: 1243577

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

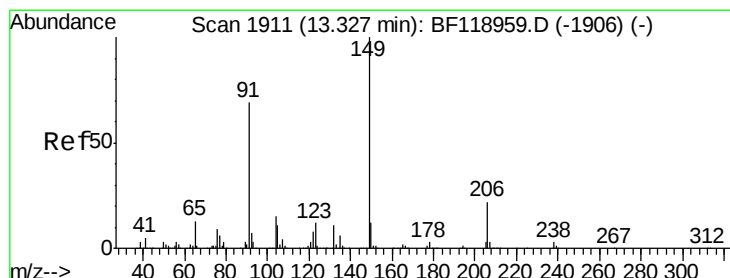
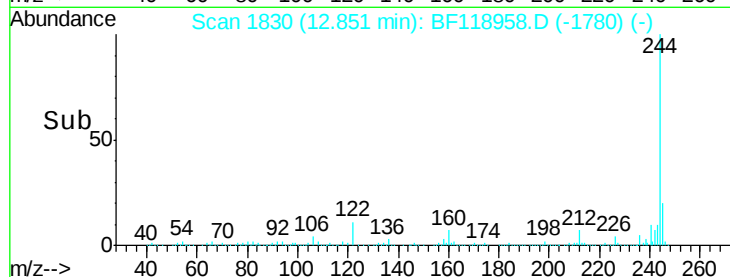
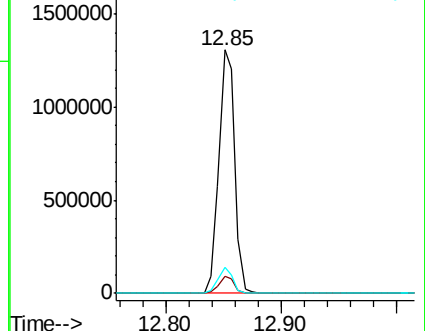
122 10.6 8.4 12.6



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: 20.570 ng

RT: 13.33 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

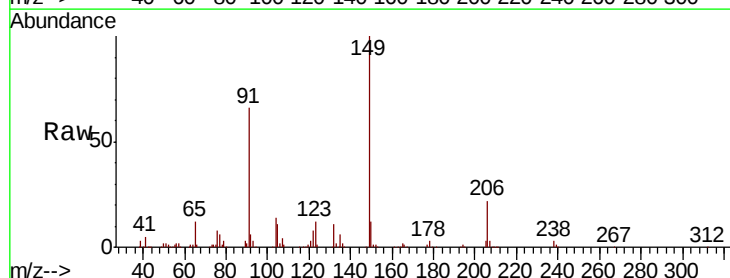
Tgt Ion:149 Resp: 322749

Ion Ratio Lower Upper

149 100

91 65.6 55.4 83.2

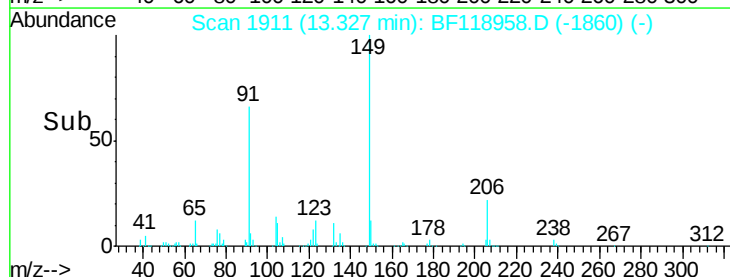
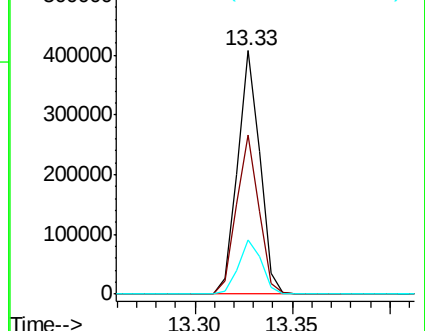
206 22.5 17.7 26.5



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: 23.071 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampled :

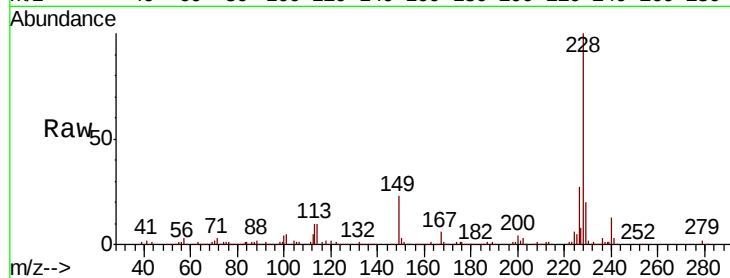
Tot Ion:228 Resp: 701485

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

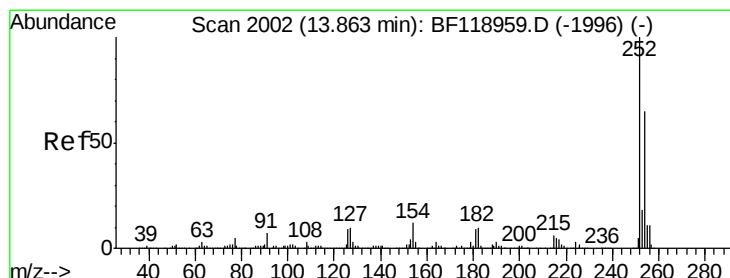
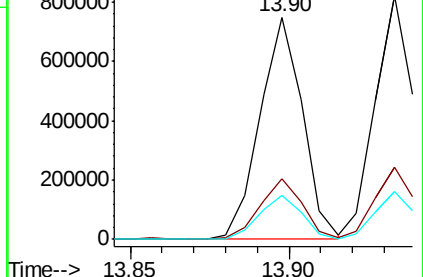
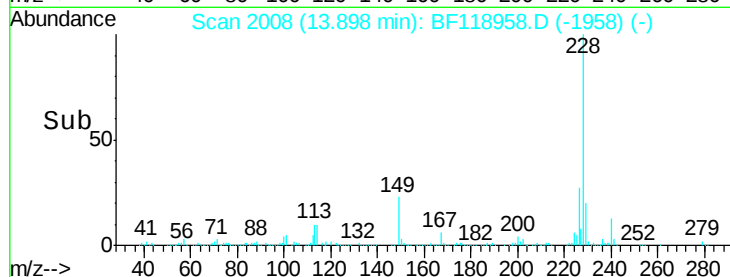
229 19.7 16.0 24.0



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: 22.664 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

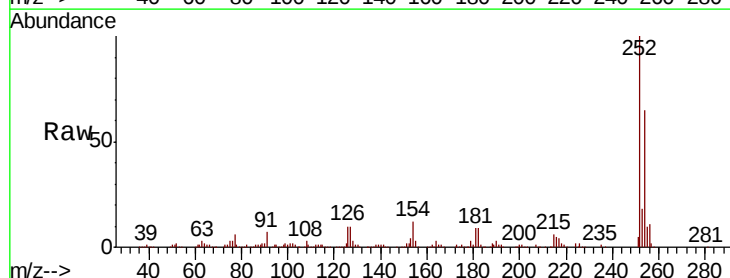
Tgt Ion:252 Resp: 268141

Ion Ratio Lower Upper

252 100

254 65.3 52.1 78.1

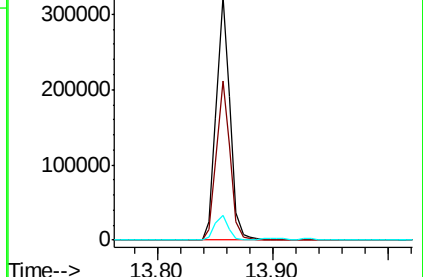
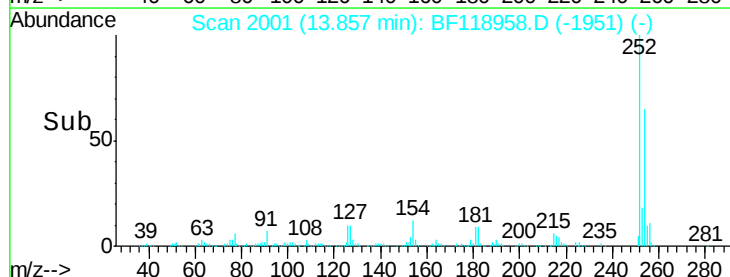
126 10.3 7.3 10.9

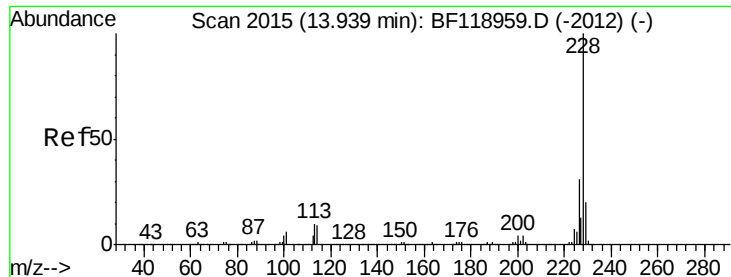


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

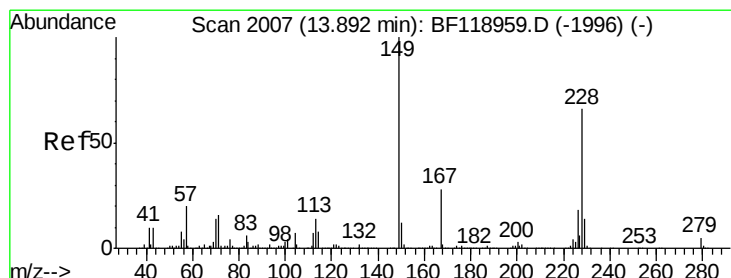
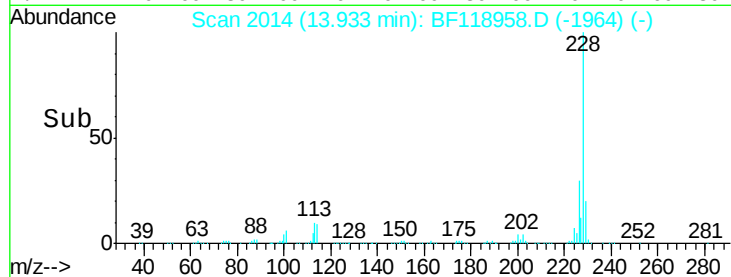
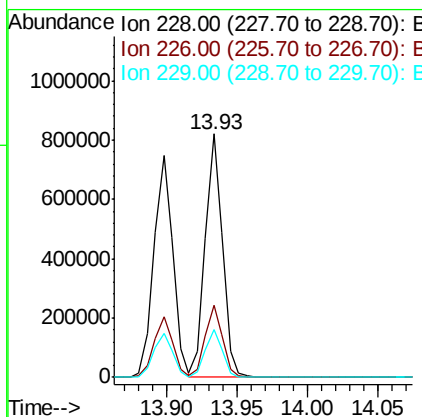
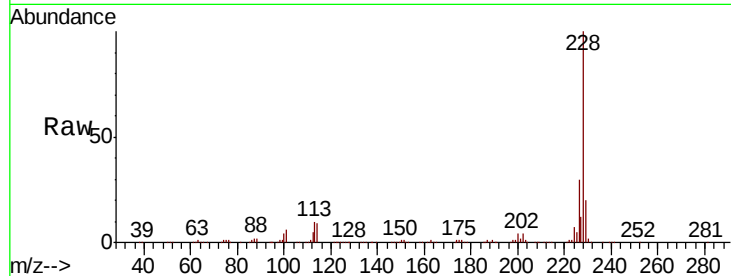




#83
 Chrvsene
 Concen: 22.951 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

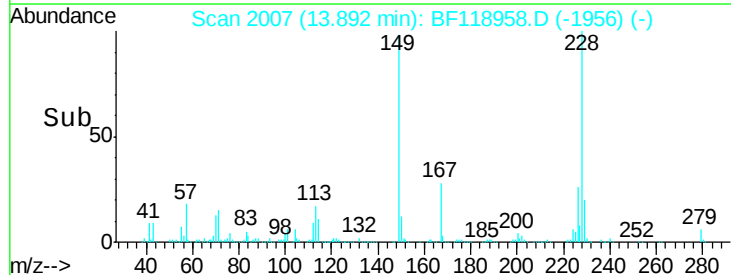
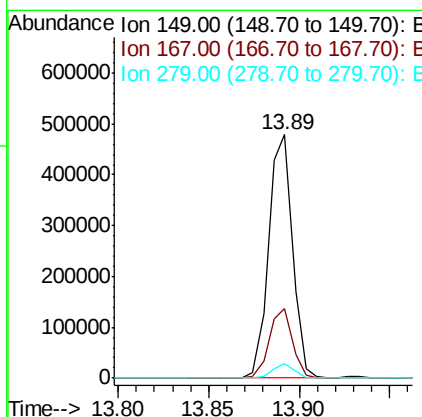
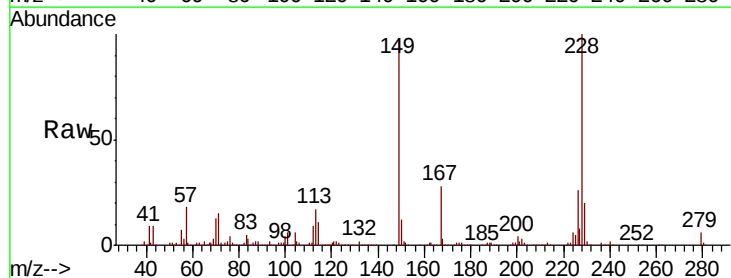
Instrument :
 BNA_F
 ClientSampled :

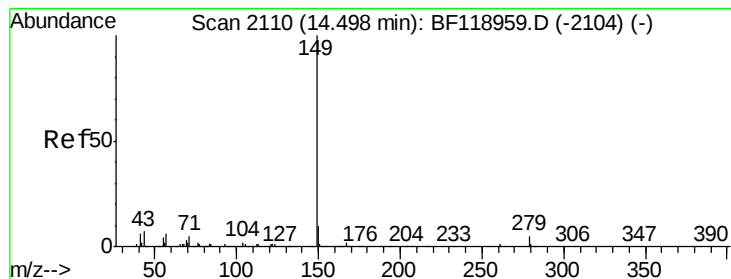
Tot Ion:228 Resp: 699573
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.6 37.0
 229 19.8 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 22.019 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF118958.D
 Acq: 20 Feb 2020 13:43

Tgt Ion:149 Resp: 437800
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.3 33.5
 279 5.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 21.109 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampleId :

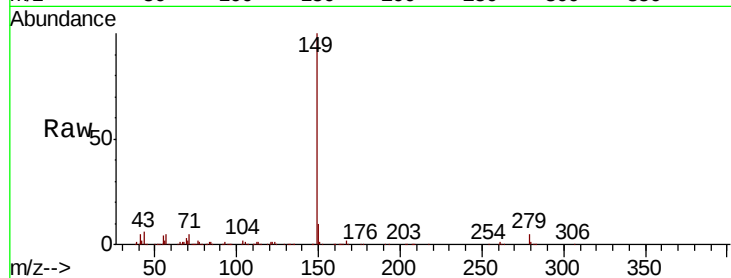
Tot Ion:149 Resp: 676630

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

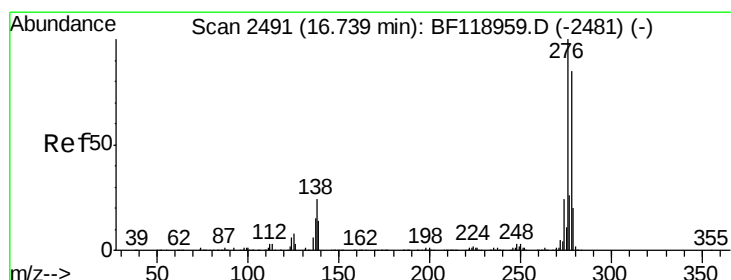
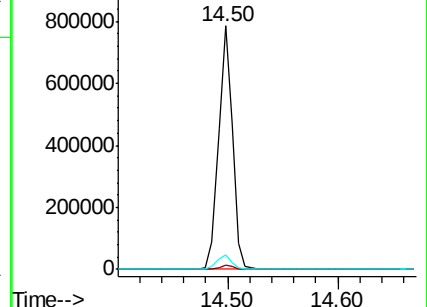
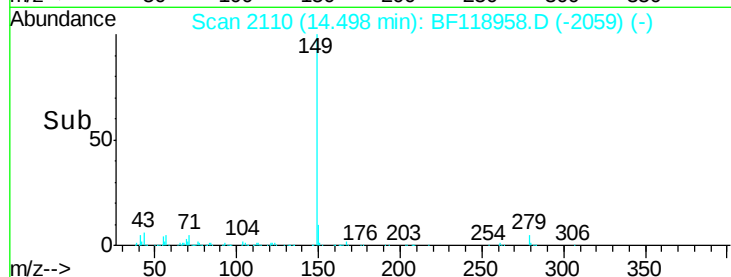
43 6.1 5.2 7.8



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: 20.571 ng

RT: 16.73 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

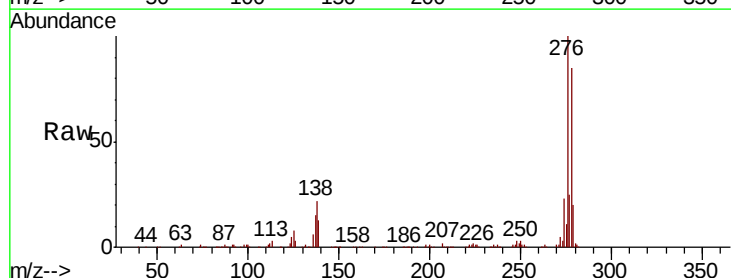
Tgt Ion:276 Resp: 617127

Ion Ratio Lower Upper

276 100

138 22.2 18.7 28.1

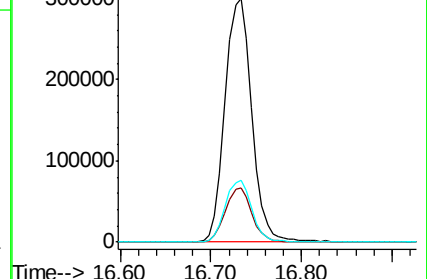
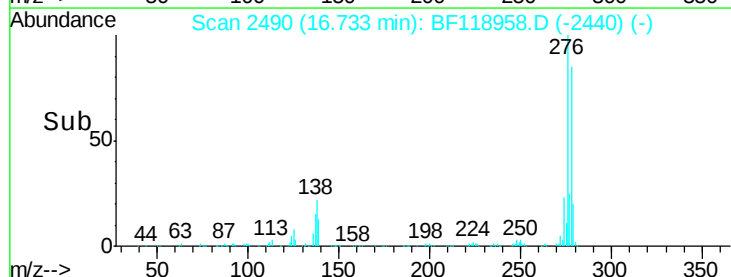
277 25.4 20.3 30.5

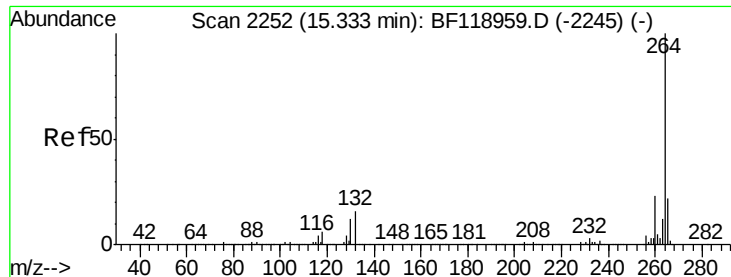


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA_F

ClientSampled :

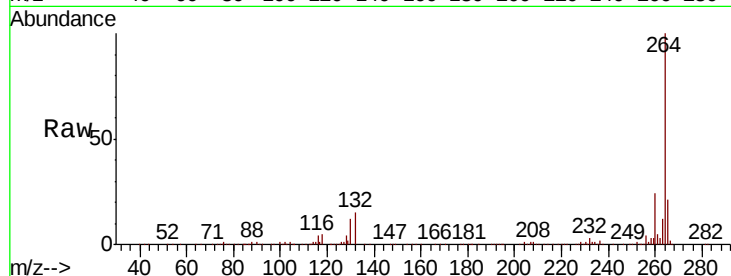
Tot Ion:264 Resp: 487545

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

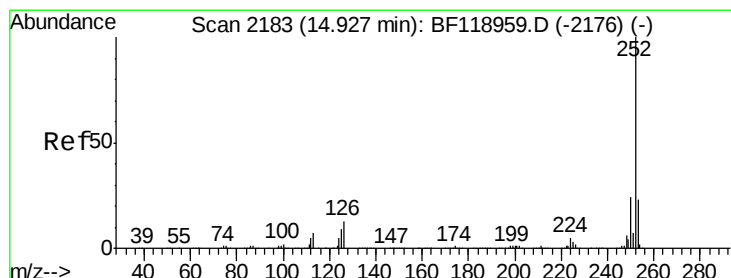
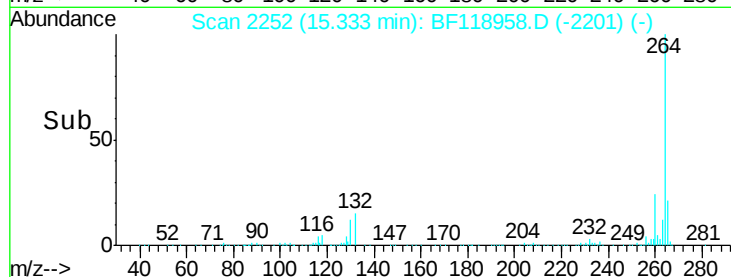
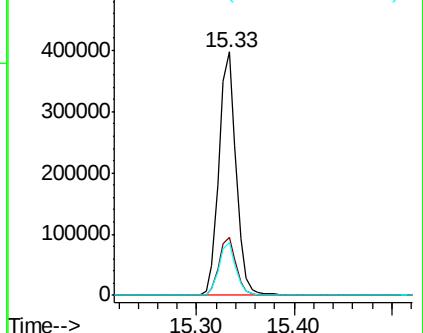
265 21.5 17.3 25.9



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: 20.825 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

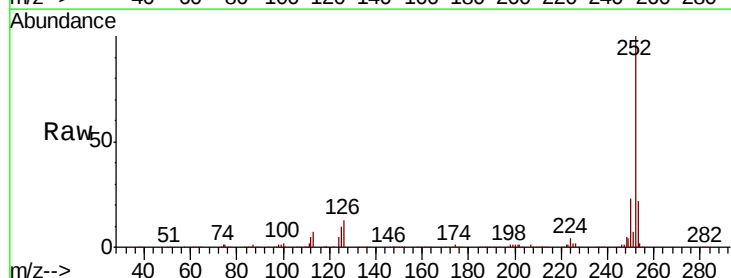
Tgt Ion:252 Resp: 684456

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

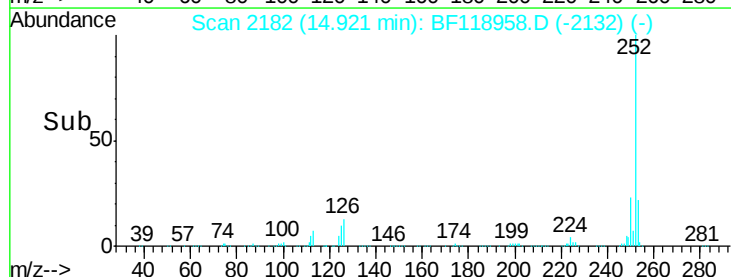
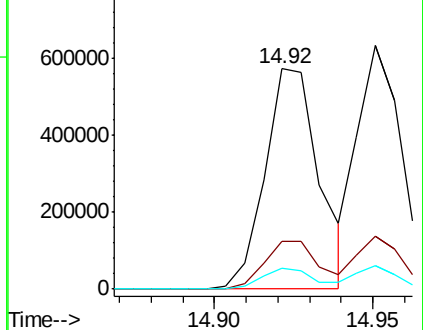
125 9.7 7.4 11.0

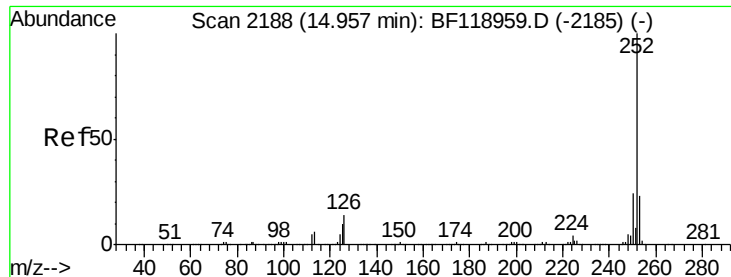


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

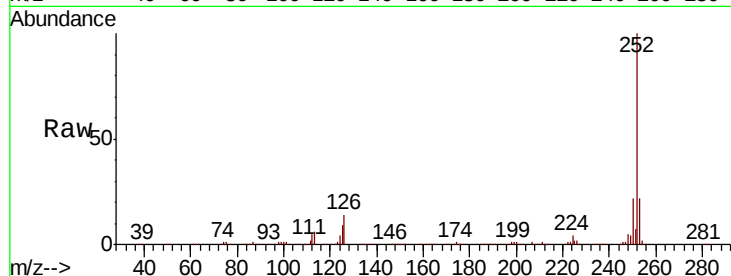




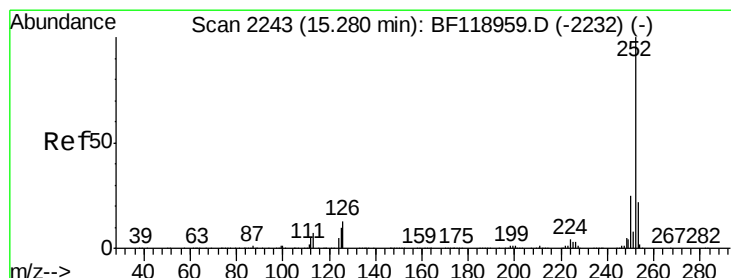
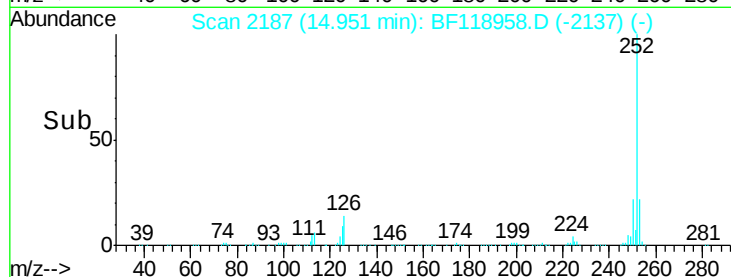
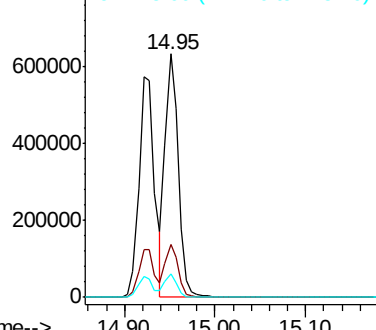
#89
Benzo(k)fluoranthene
Concen: 21.632 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 631804
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 9.4 7.3 10.9

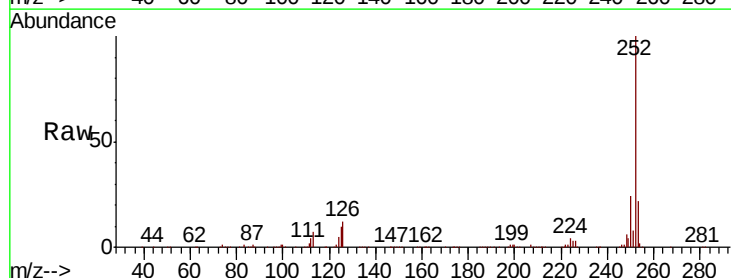


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

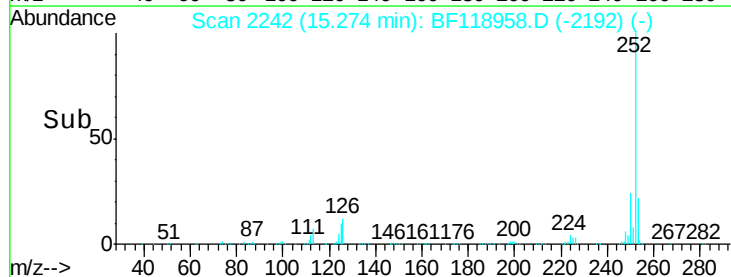
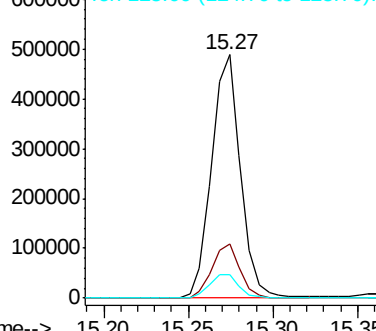


#90
Benzo(a)pyrene
Concen: 20.599 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion:252 Resp: 583295
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.6 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

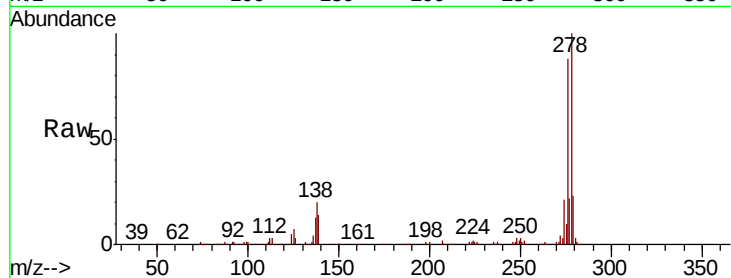




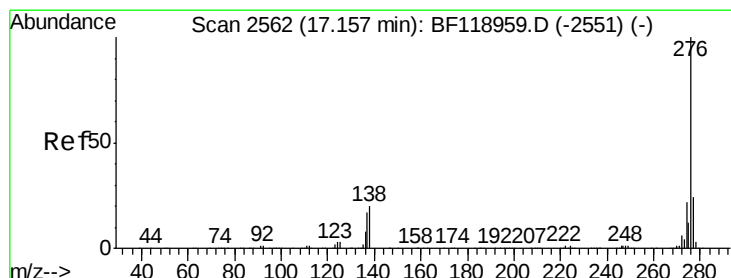
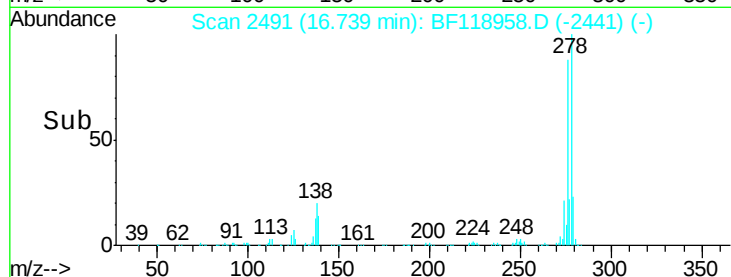
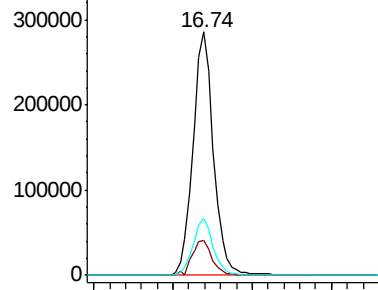
#91
Dibenzo(a,h)anthracene
Concen: 19.923 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.6	18.8
279	23.3	19.0	28.6

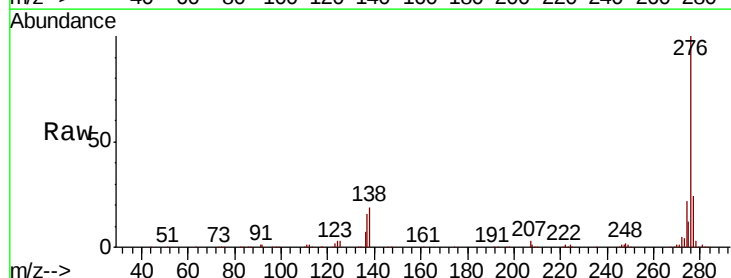


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 19.261 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BF118958.D
Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	18.8	16.2	24.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

