

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118974.D
 Acq On : 20 Feb 2020 22:42
 Operator : CG/JU
 Sample : L1546-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 02:13:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	199072	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	720176	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	356984	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	546910	20.00	ng	0.00
76) Chrysene-d12	13.91	240	401431	20.00	ng	0.00
87) Perylene-d12	15.34	264	440479	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1235049	103.68	ng	0.00
7) Phenol-d6	6.40	99	1488645	102.76	ng	0.00
23) Nitrobenzene-d5	7.32	82	967104	70.90	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	419400	89.81	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1722890	71.10	ng	0.00
79) Terphenyl-d14	12.86	244	1460650	62.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	118	0.022	ng	# 1
3) Pyridine	3.23	79	962	0.066	ng	# 38
6) Aniline	6.42	93	110	0.006	ng	# 1
9) Benzaldehyde	6.32	77	559	0.058	ng	# 52
10) Phenol	6.42	94	10520	0.672	ng	# 92
11) bis(2-Chloroethyl)ether	6.42	93	110	0.009	ng	# 1
15) Benzyl Alcohol	6.92	79	17012	1.625	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	6.78	45	107	0.010	ng	# 52
17) 2-Methylphenol	7.12	107	147	0.014	ng	# 7
18) Hexachloroethane	7.30	117	3865	0.701	ng	# 15
19) n-Nitroso-di-n-propylamine	7.32	70	134910	15.981	ng	# 77
20) 3+4-Methylphenols	7.19	107	339	0.027	ng	# 65
22) Acetophenone	7.17	105	2016	0.121	ng	# 81
24) Nitrobenzene	7.32	77	3688	0.273	ng	# 31
25) Isophorone	7.32	82	963512	40.675	ng	# 63
27) 2,4-Dimethylphenol	7.70	122	114	0.012	ng	# 58
28) bis(2-Chloroethoxy)methane	7.80	93	269	0.017	ng	# 49
31) Naphthalene	8.06	128	47558	1.273	ng	# 99
32) Benzoic acid	7.83	122	243	6.710	ng	# 1
33) 4-Chloroaniline	8.06	127	5738	0.357	ng	# 35
35) Caprolactam	8.46	113	109	0.031	ng	# 1
36) 4-Chloro-3-methylphenol	8.59	107	747	0.065	ng	# 1
37) 2-Methylnaphthalene	8.75	142	51224	2.038	ng	# 99
38) 1-Methylnaphthalene	8.85	142	70947	3.001	ng	# 98
46) 1,1'-Biphenyl	9.22	154	12270	0.425	ng	# 99
47) 2-Chloronaphthalene	9.29	162	5008	0.215	ng	# 56
48) 2-Nitroaniline	9.31	65	1295	0.200	ng	# 21
49) Acenaphthylene	9.65	152	358942	10.689	ng	# 99
50) Dimethylphthalate	9.50	163	86156	3.156	ng	# 99
51) 2,6-Dinitrotoluene	9.50	165	2384	0.393	ng	# 31
52) Acenaphthene	9.82	154	37329	1.844	ng	# 100
53) 3-Nitroaniline	9.77	138	156	0.023	ng	# 64
54) 2,4-Dinitrophenol	10.07	184	442	7.611	ng	# 30
55) Dibenzofuran	9.99	168	14528	0.481	ng	# 1

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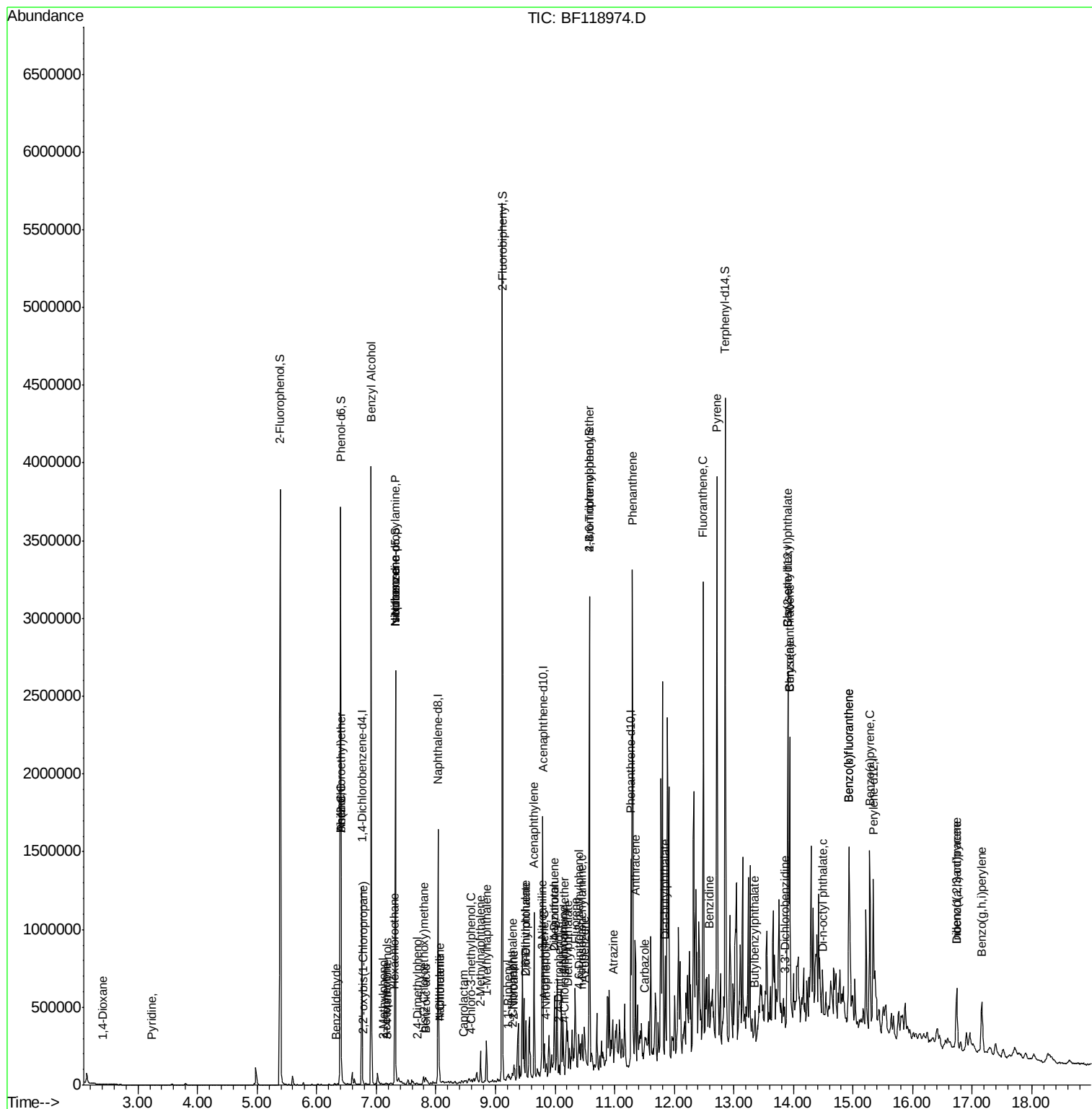
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 4-Nitrophenol	9.85	139	883	0.219	nq	84
57) 2,4-Dinitrotoluene	9.99	165	4793	0.610	nq	# 53
58) Fluorene	10.33	166	121676	5.181	nq	# 98
60) Diethylphthalate	10.21	149	933	0.036	nq	# 1
61) 4-Chlorophenyl-phenylether	10.16	204	339	0.027	nq	# 1
62) 4-Nitroaniline	10.13	138	178	0.026	nq	81
63) Azobenzene	10.49	77	3901	0.174	nq	# 1
65) 4,6-Dinitro-2-methylphenol	10.39	198	114	0.034	nq	# 1
66) n-Nitrosodiphenylamine	10.45	169	28695	1.602	nq	# 84
67) 4-Bromophenyl-phenylether	10.58	248	26930	3.767	nq	# 1
69) Atrazine	10.97	200	458	0.073	nq	# 1
71) Phenanthrene	11.30	178	1171821	39.289	nq	100
72) Anthracene	11.35	178	298575	10.019	nq	99
73) Carbazole	11.50	167	6030	0.227	nq	# 48
74) Di-n-butylphthalate	11.84	149	2703	0.084	nq	# 1
75) Fluoranthene	12.49	202	1018277	32.164	nq	99
77) Benzidine	12.59	184	2790	0.171	nq	# 1
78) Pyrene	12.72	202	1587171	49.238	nq	100
80) Butylbenzylphthalate	13.33	149	579	0.043	nq	# 1
81) Benzo(a)anthracene	13.94	228	758595	27.734	nq	93
82) 3,3'-Dichlorobenzidine	13.86	252	1040	0.098	nq	# 35
83) Chrysene	13.94	228	758595	27.834	nq	97
84) Bis(2-ethylhexyl)phthalate	13.90	149	5395	0.315	nq	# 87
85) Di-n-octyl phthalate	14.50	149	418	0.015	nq	# 1
86) Indeno(1,2,3-cd)pyrene	16.74	276	262045	9.930	nq	95
88) Benzo(b)fluoranthene	14.93	252	791331	27.255	nq	99
89) Benzo(k)fluoranthene	14.93	252	791331	29.411	nq	98
90) Benzo(a)pyrene	15.28	252	560365	21.385	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	85388	3.703	nq	# 88
92) Benzo(a,h,i)perylene	17.16	276	267674	11.750	nq	100

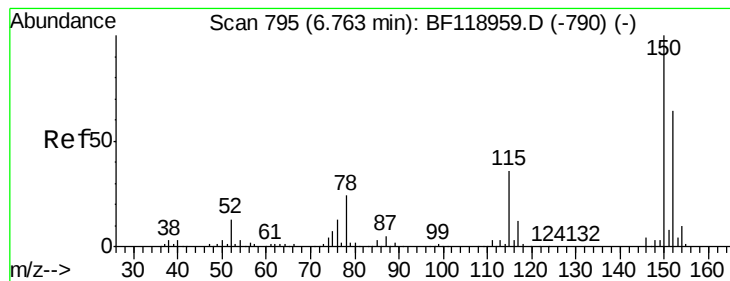
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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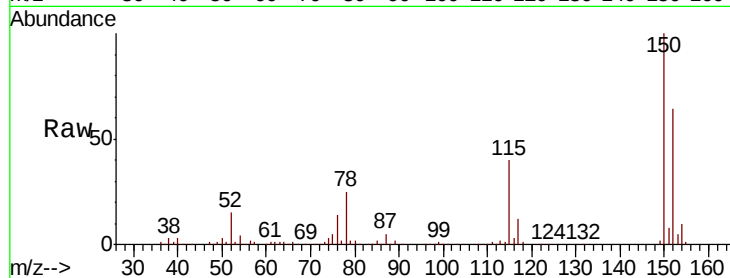


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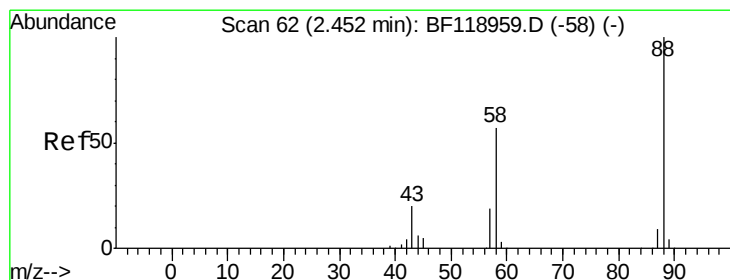
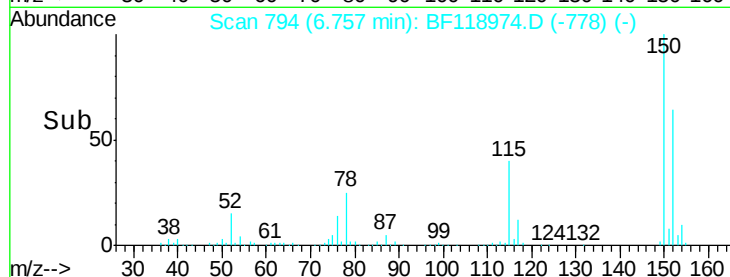
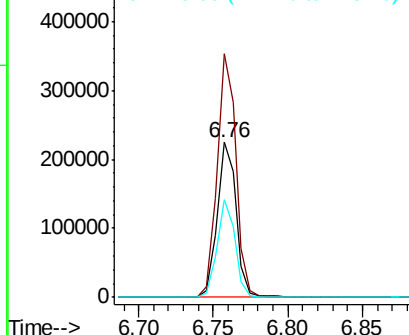
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.3	186.5
115	62.8	44.6	67.0



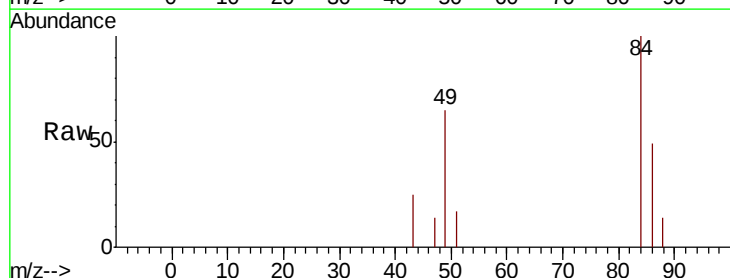
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



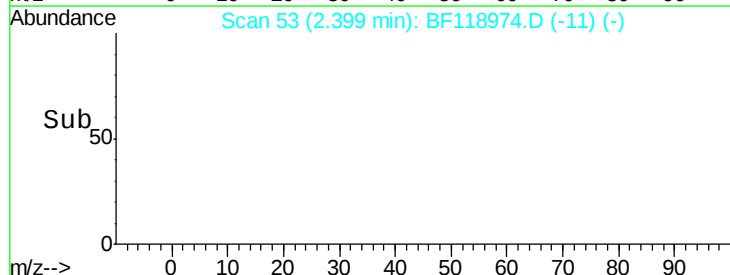
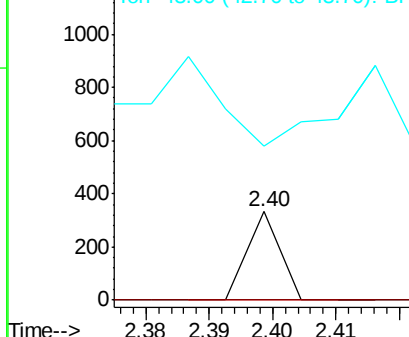
#2

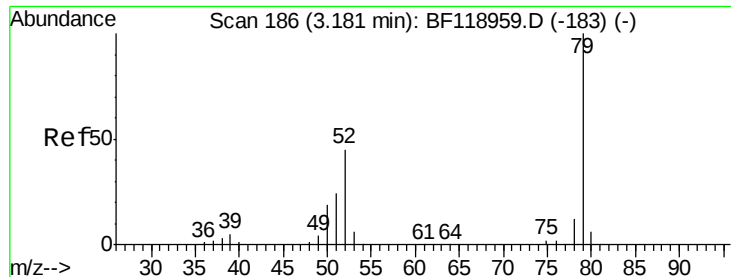
1,4-Dioxane
Concen: 0.022 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.05 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	44.6	66.8#
43	246.6	16.0	24.0#



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





#3

Pvridine

Concen: 0.066 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.05 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

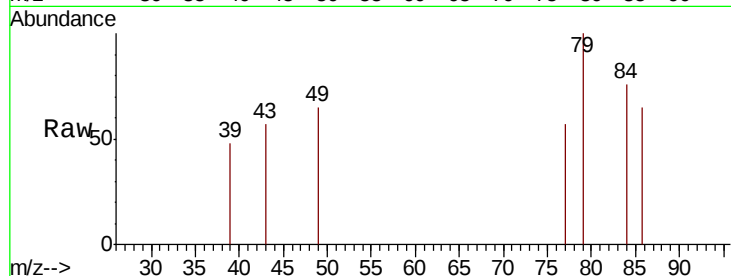
Tot Ion: 79 Resp: 962

Ion Ratio Lower Upper

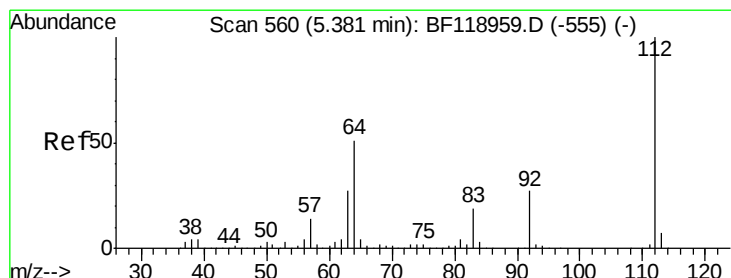
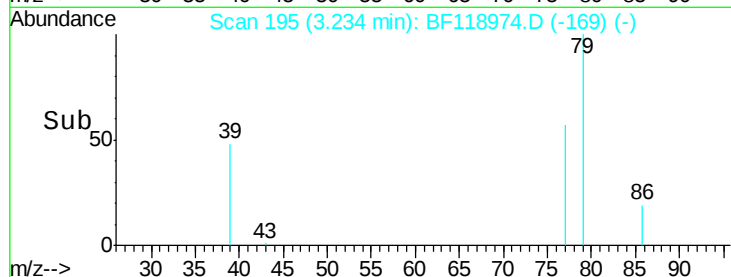
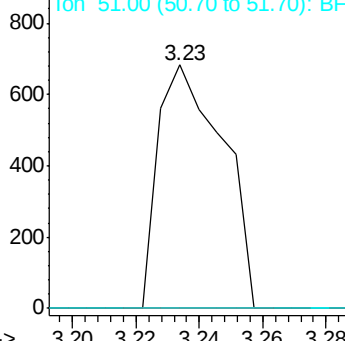
79 100

52 0.0 36.3 54.5#

51 0.0 19.5 29.3#



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



#5

2-Fluorophenol

Concen: 103.680 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

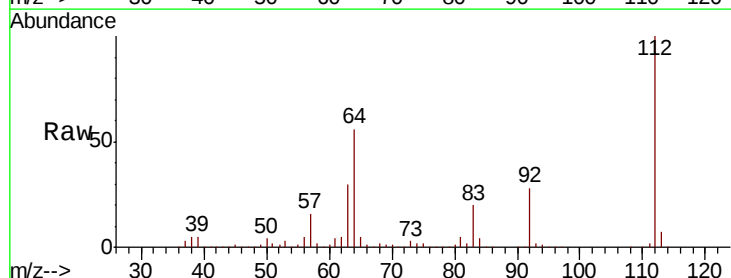
Tgt Ion: 112 Resp: 1235049

Ion Ratio Lower Upper

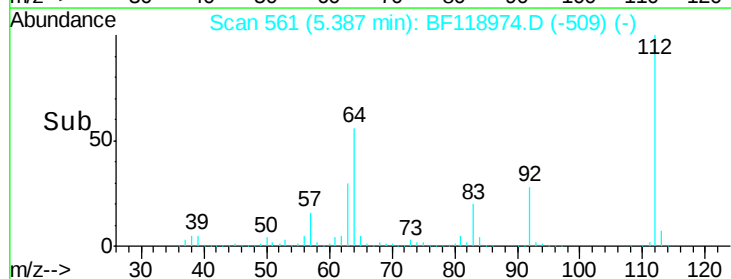
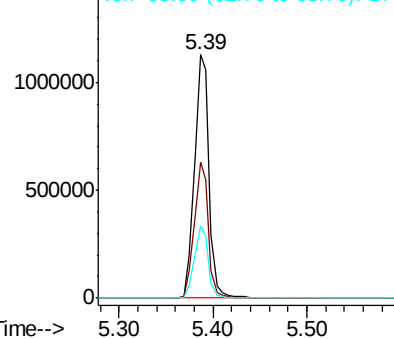
112 100

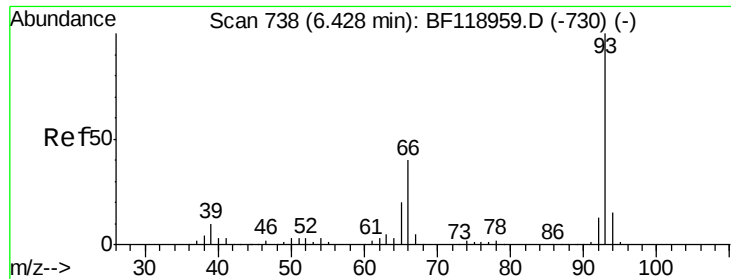
64 56.0 40.4 60.6

63 29.5 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.006 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampled :

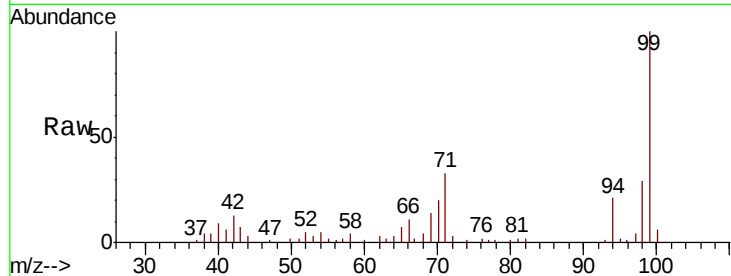
Tot Ion: 93 Resp: 110

Ion Ratio Lower Upper

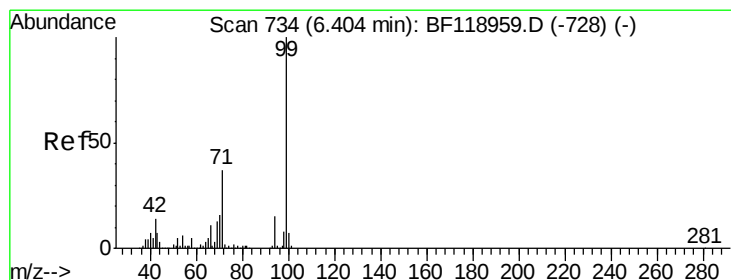
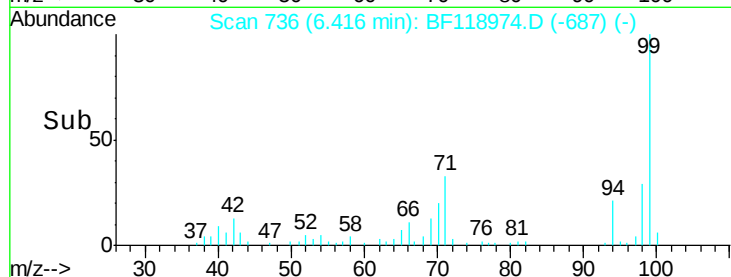
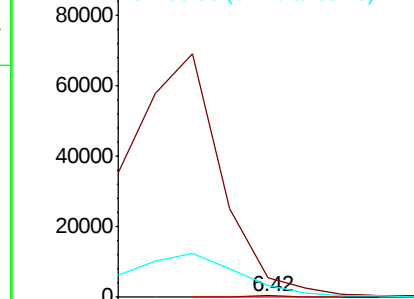
93 100

66 1735.8 32.2 48.2#

65 1070.0 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 102.755 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

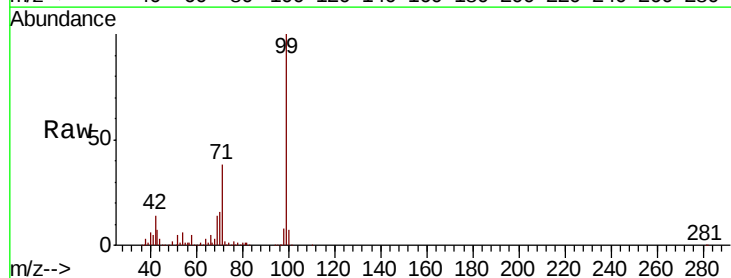
Tgt Ion: 99 Resp: 1488645

Ion Ratio Lower Upper

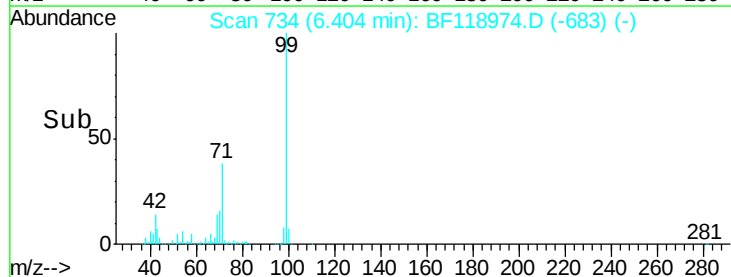
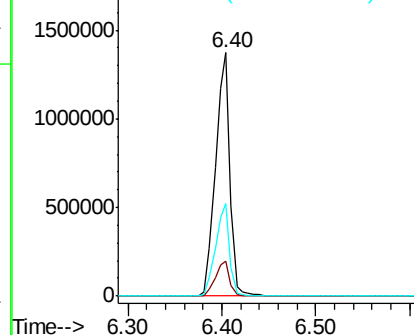
99 100

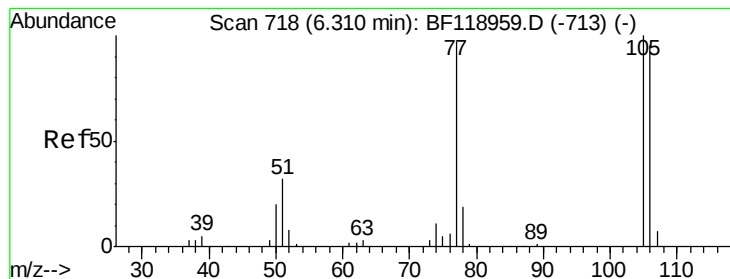
42 14.4 11.4 17.0

71 38.1 29.8 44.6



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





#9

Benzaldehyde

Concen: 0.058 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

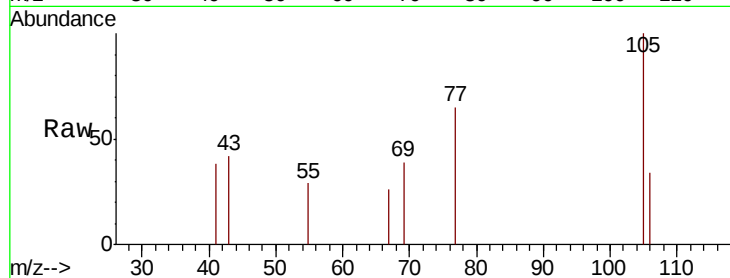
Tot Ion: 77 Resp: 559

Ion Ratio Lower Upper

77 100

105 153.3 83.0 123.0#

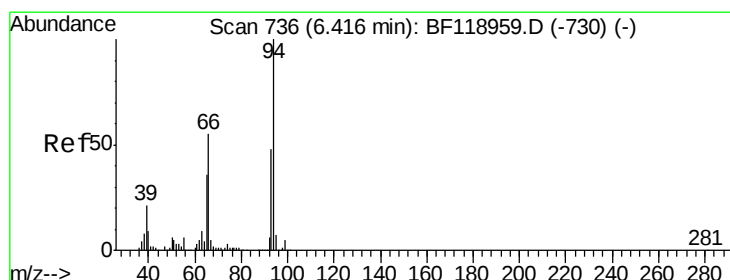
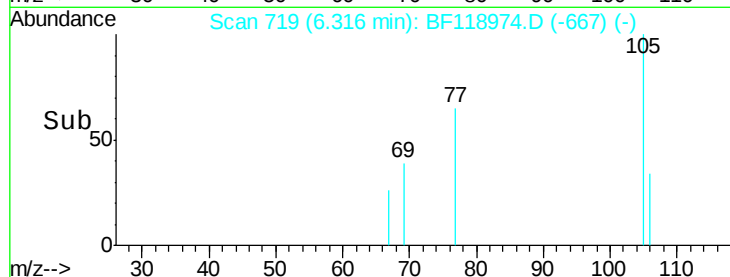
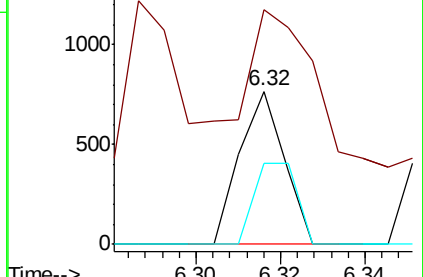
106 52.5 78.3 118.3#



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: 0.672 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

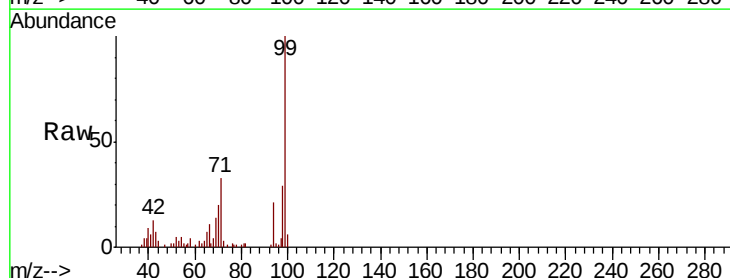
Tgt Ion: 94 Resp: 10520

Ion Ratio Lower Upper

94 100

65 30.5 15.5 55.5

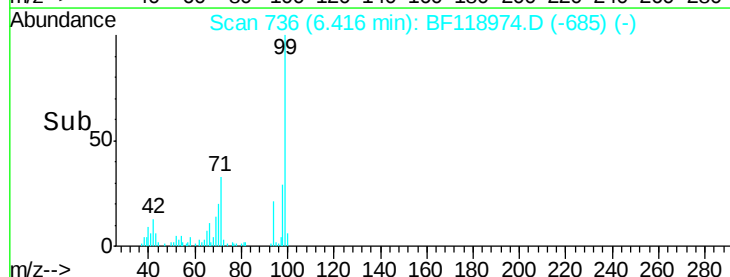
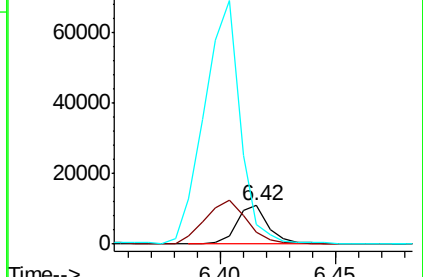
66 49.5 35.6 75.6

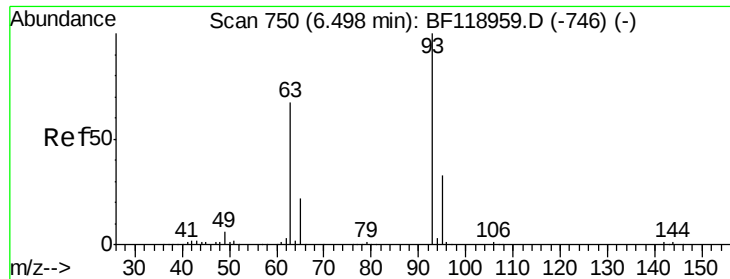


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

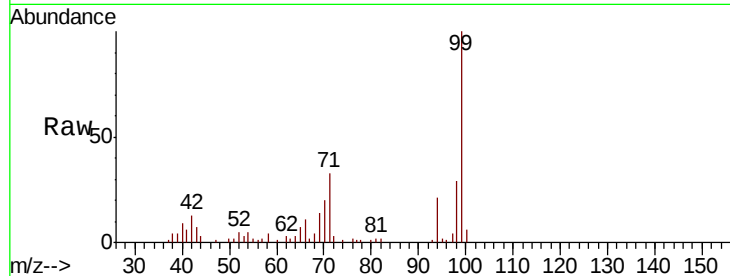




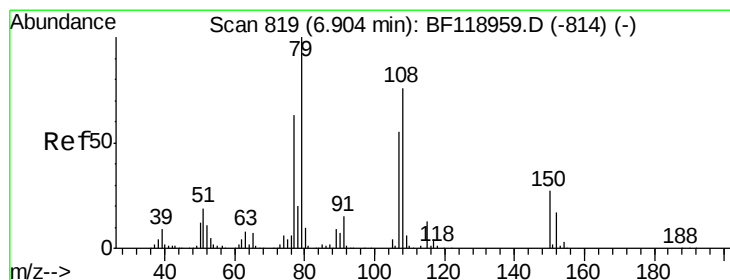
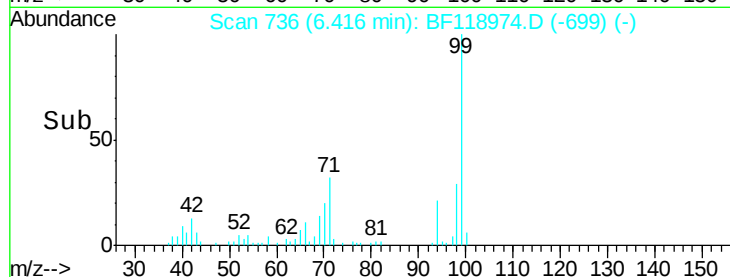
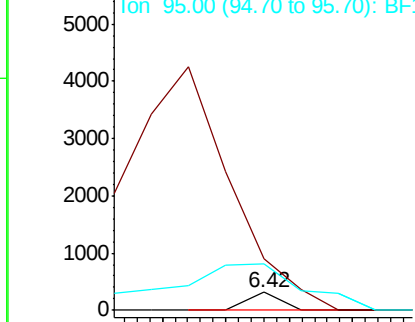
#11
bis(2-Chloroethyl)ether
Concen: 0.009 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.08 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 110
Ion Ratio Lower Upper
93 100
63 289.8 46.8 86.8#
95 257.2 12.7 52.7#

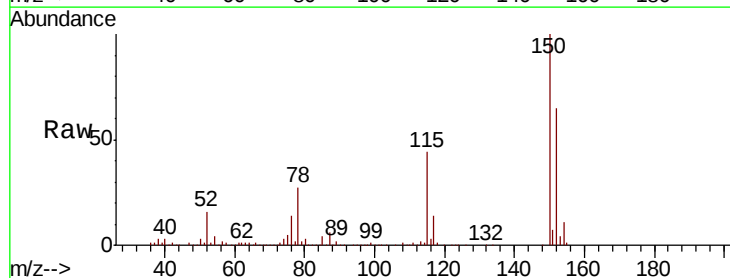


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

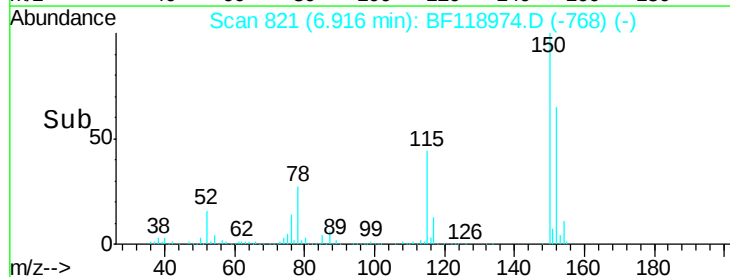
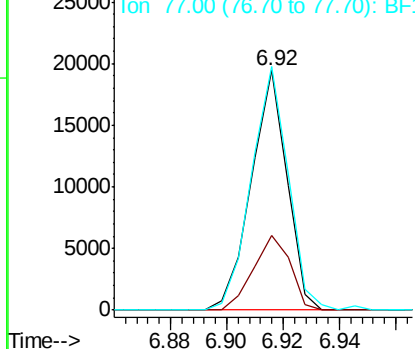


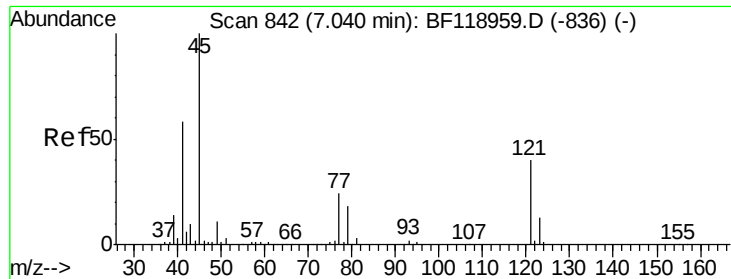
#15
Benzyl Alcohol
Concen: 1.625 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Tgt Ion: 79 Resp: 17012
Ion Ratio Lower Upper
79 100
108 31.1 61.1 91.7#
77 101.8 50.2 75.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

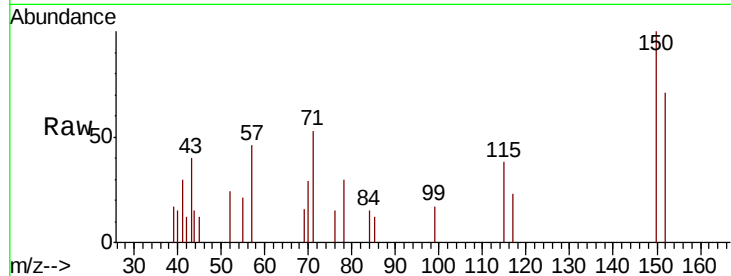




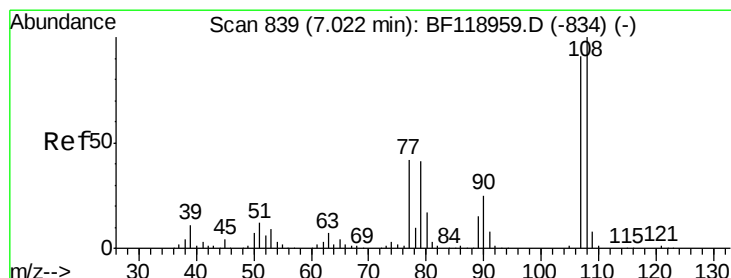
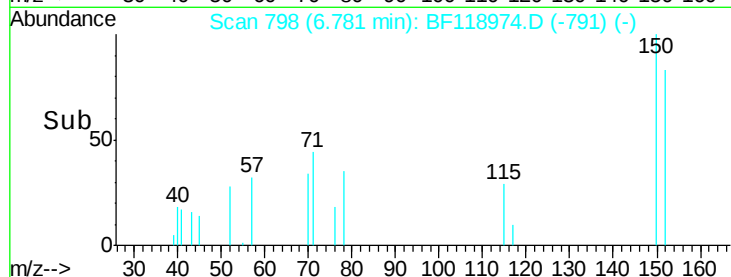
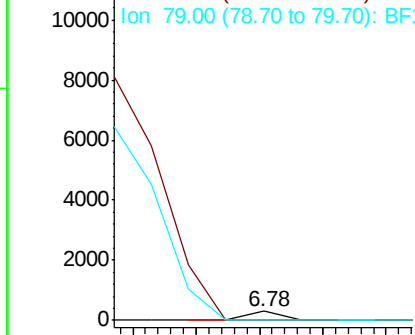
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.010 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.26 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 45 Resp: 107
Ion Ratio Lower Upper
45 100
77 0.0 6.1 46.1#
79 0.0 0.5 40.5#

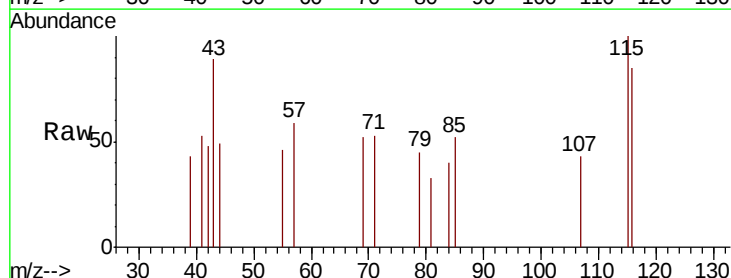


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

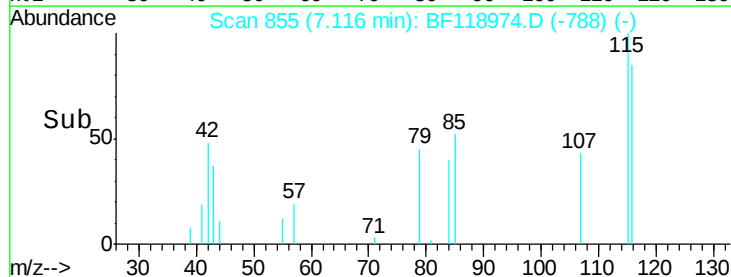
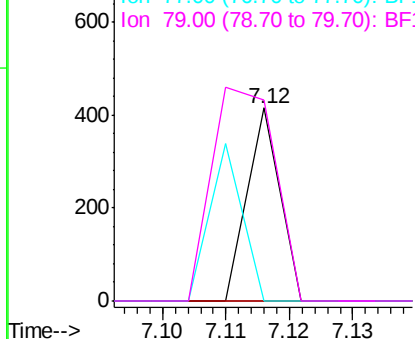


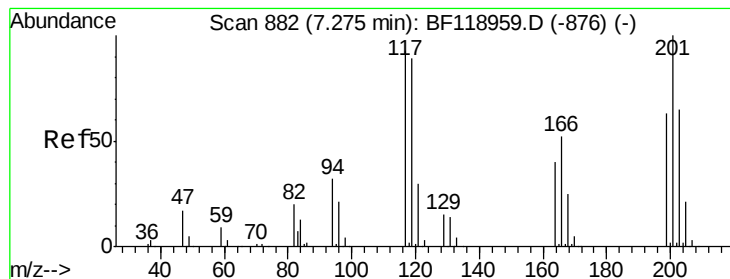
#17
2-Methylphenol
Concen: 0.014 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.09 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Tgt Ion: 107 Resp: 147
Ion Ratio Lower Upper
107 100
108 0.0 87.7 131.5#
77 0.0 36.8 55.2#
79 104.1 36.4 54.6#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#18

Hexachloroethane

Concen: 0.701 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.02 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

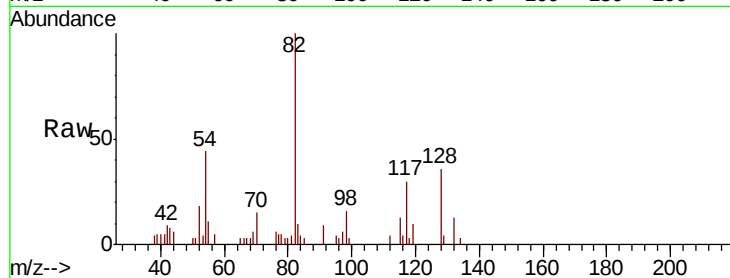
Tot Ion:117 Resp: 3865

Ion Ratio Lower Upper

117 100

119 33.1 77.0 115.6#

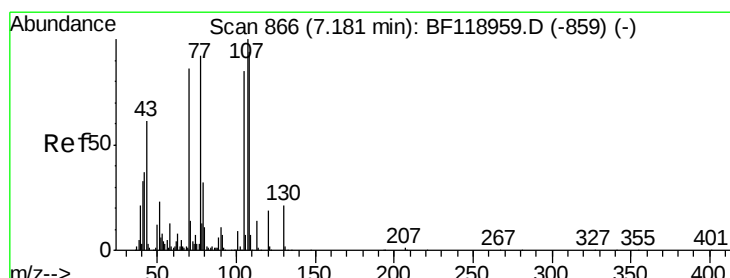
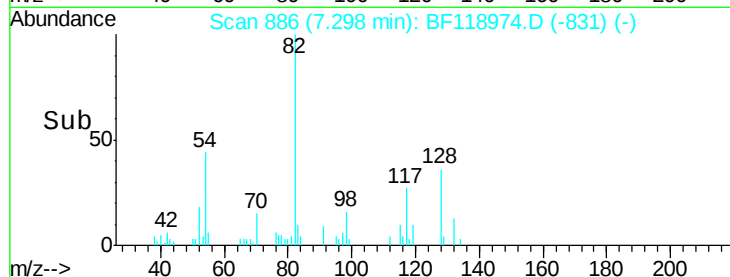
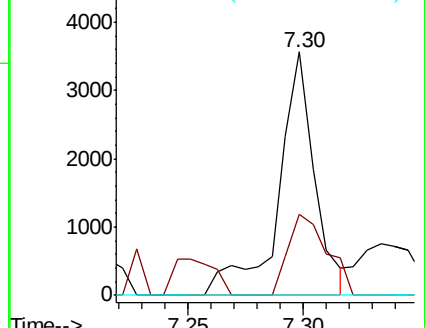
201 0.0 86.4 129.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 15.981 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.14 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Tgt Ion: 70 Resp: 134910

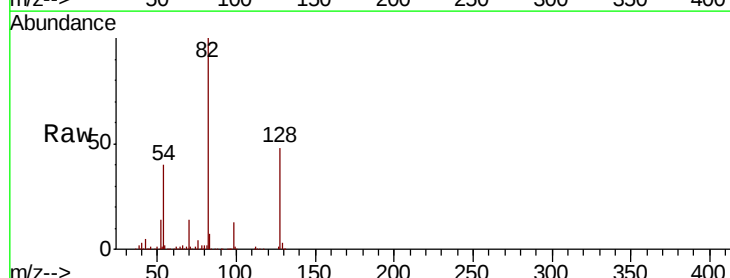
Ion Ratio Lower Upper

70 100

42 36.6 34.6 51.8

101 0.0 8.1 12.1#

130 2.3 19.4 29.2#

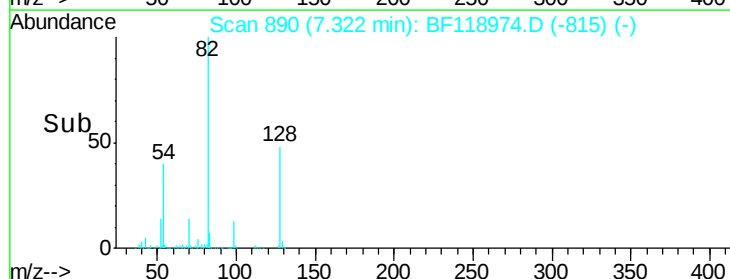
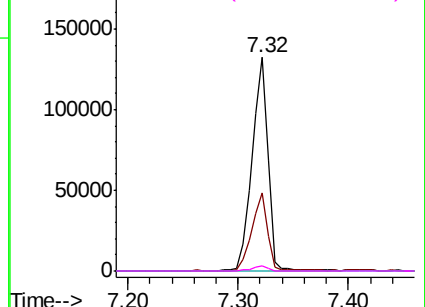


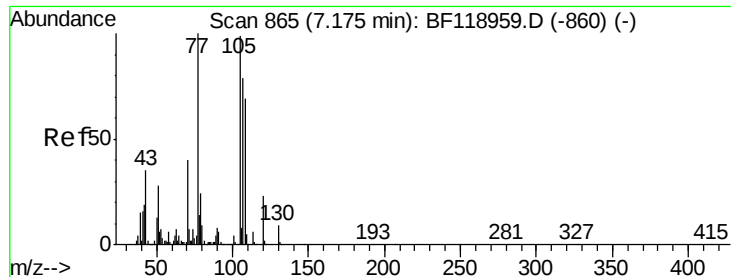
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.027 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 339

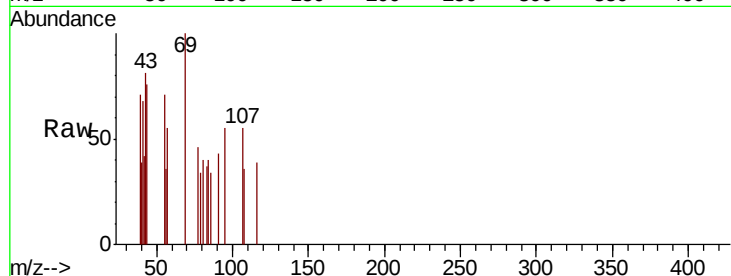
Ion Ratio Lower Upper

107 100

108 65.4 67.0 107.0#

77 83.9 106.2 146.2#

79 62.2 10.0 50.0#

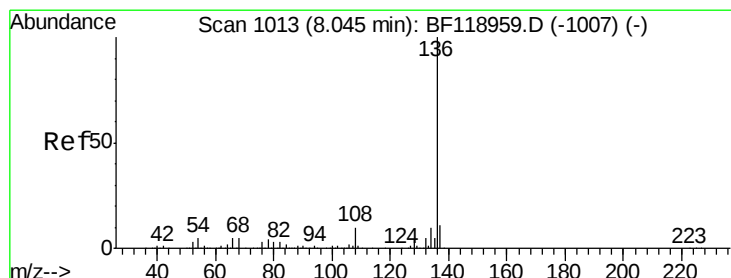
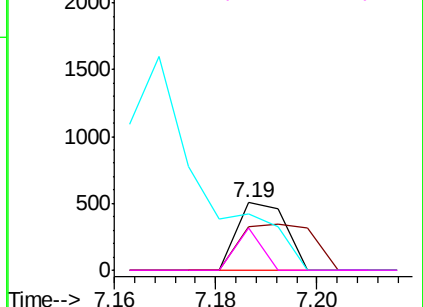
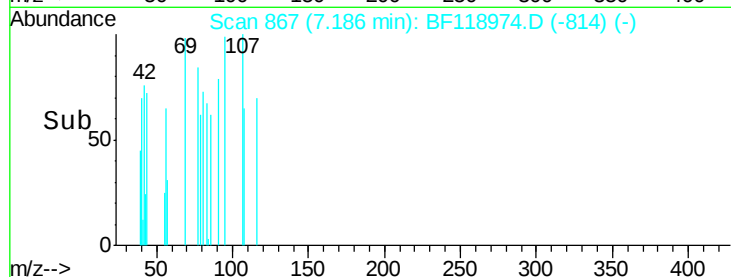


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Tgt Ion:136 Resp: 720176

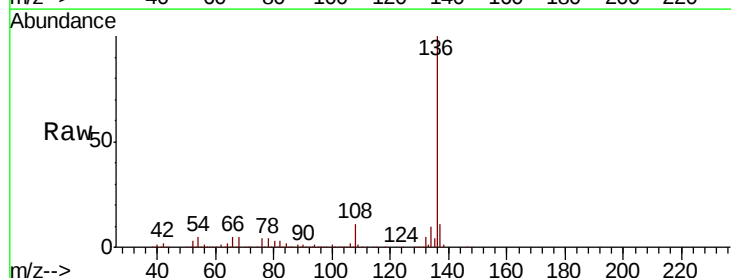
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 5.0 3.8 5.6

68 5.3 4.2 6.2

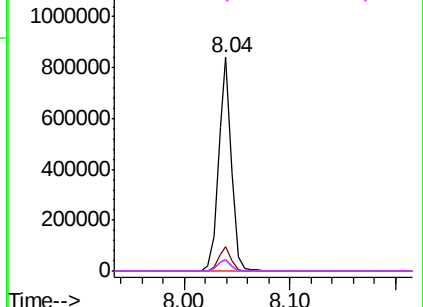
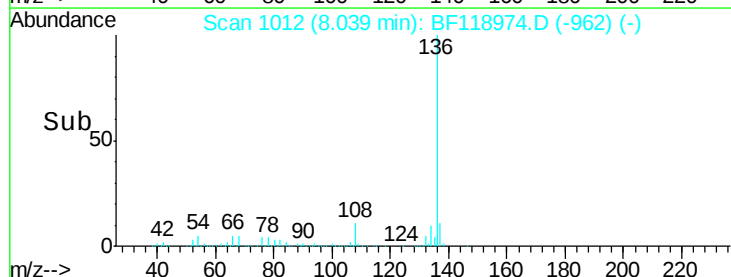


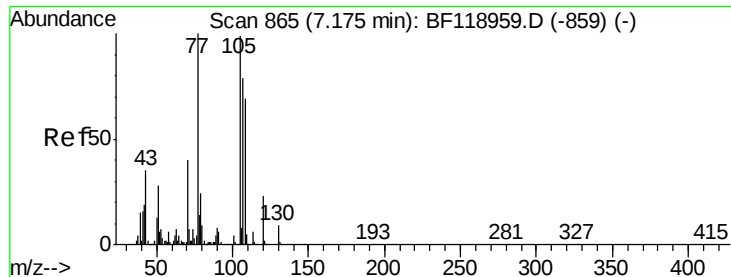
Abundance Ion 136.00 (135.70 to 136.70): E

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

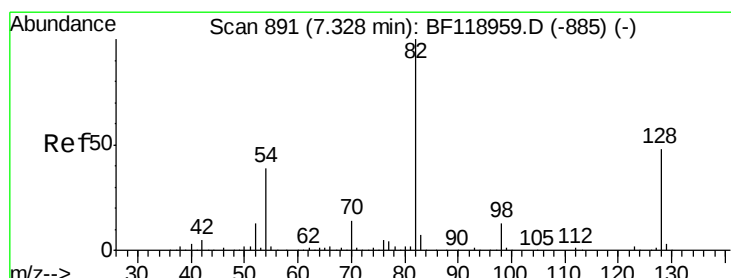
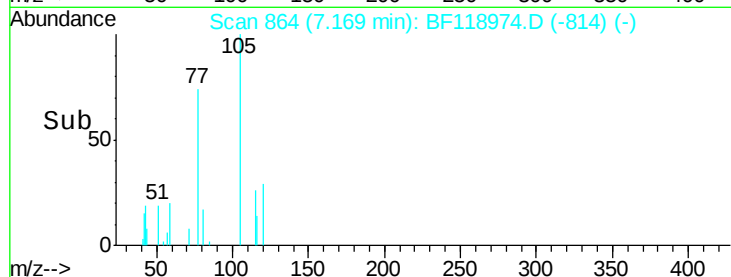
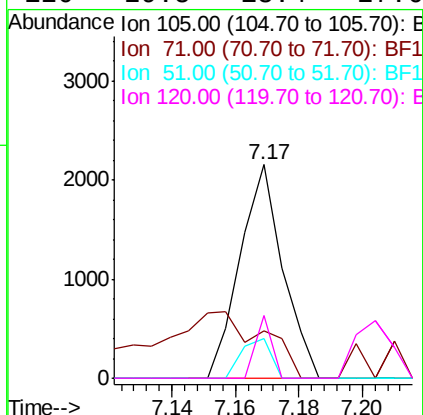
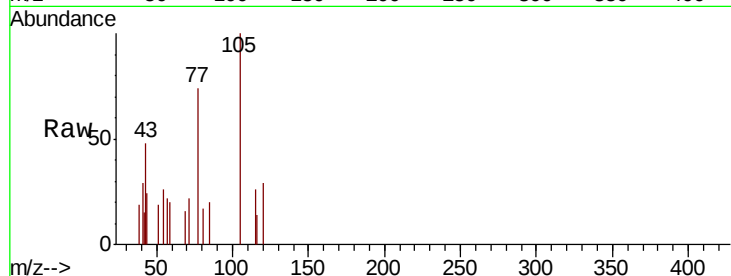




#22
Acetophenone
Concen: 0.121 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

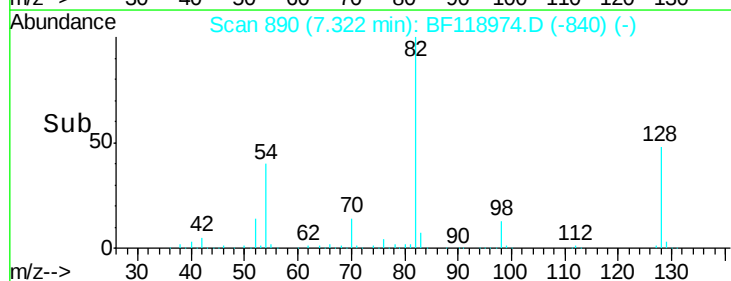
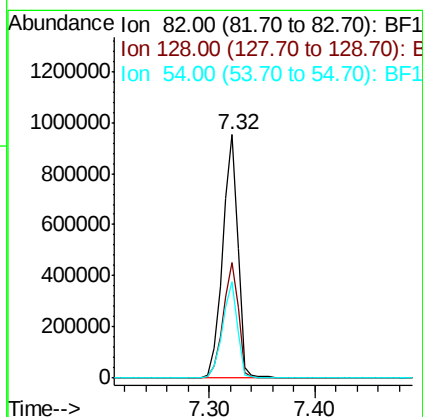
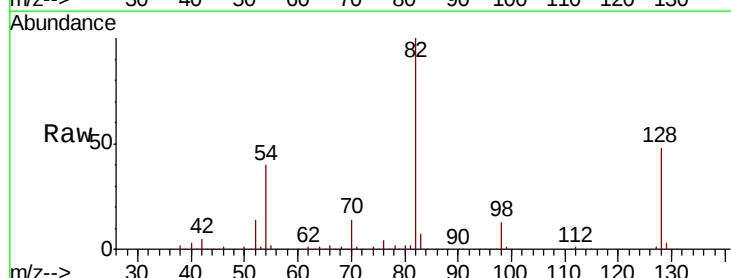
Instrument :
BNA_F
ClientSampleId :

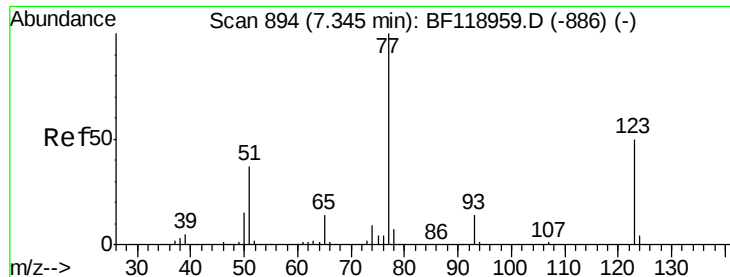
Tot Ion:105 Resp: 2016
Ion Ratio Lower Upper
105 100
71 22.1 5.4 8.0#
51 18.8 22.5 33.7#
120 29.5 18.4 27.6#



#23
Nitrobenzene-d5
Concen: 70.904 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Tgt Ion: 82 Resp: 967104
Ion Ratio Lower Upper
82 100
128 47.7 38.2 57.2
54 39.8 31.3 46.9

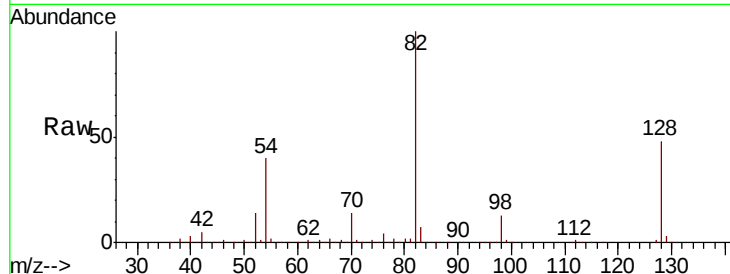




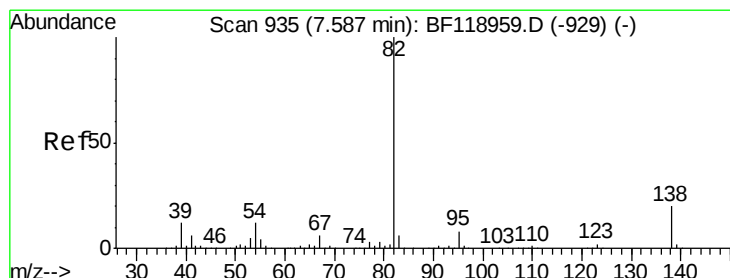
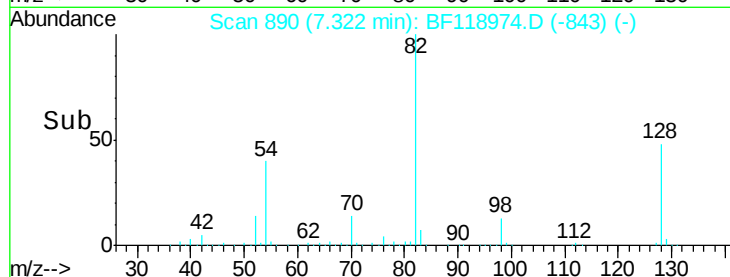
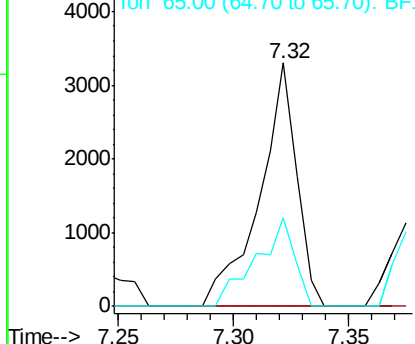
#24
 Nitrobenzene
 Concen: 0.273 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BF118974.D
 Acq: 20 Feb 2020 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.1	60.1#
65	36.3	10.9	16.3#

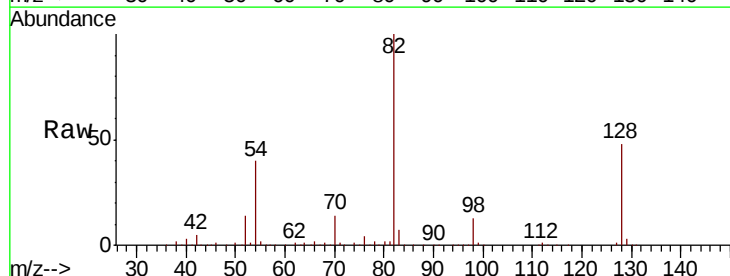


Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

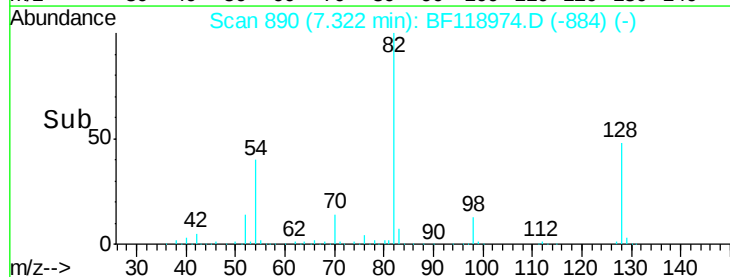
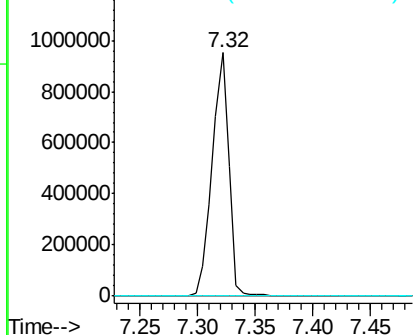


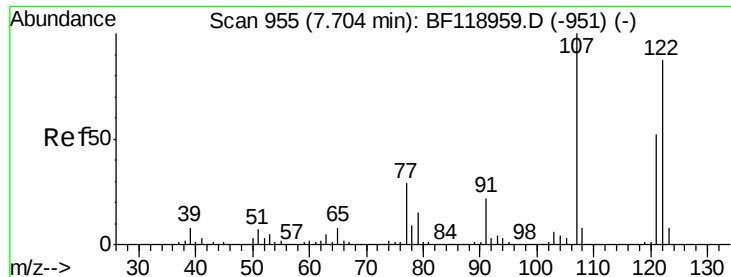
#25
 Isophorone
 Concen: 40.675 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.26 min
 Lab File: BF118974.D
 Acq: 20 Feb 2020 22:42

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	15.8	23.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

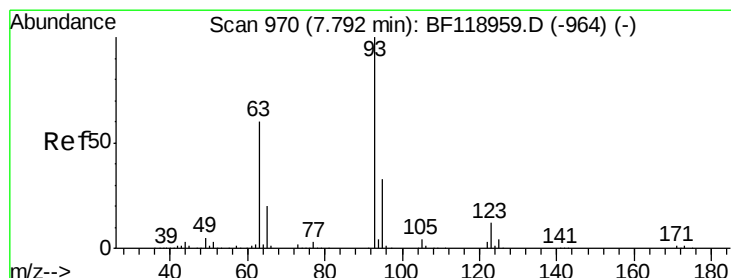
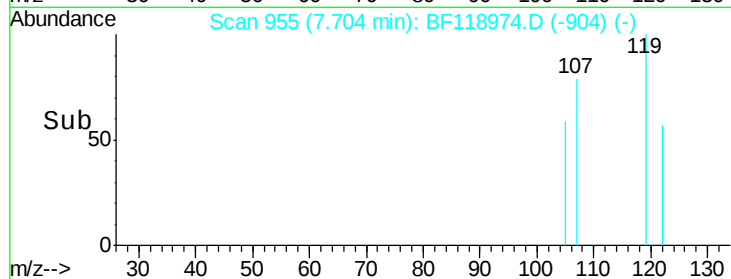
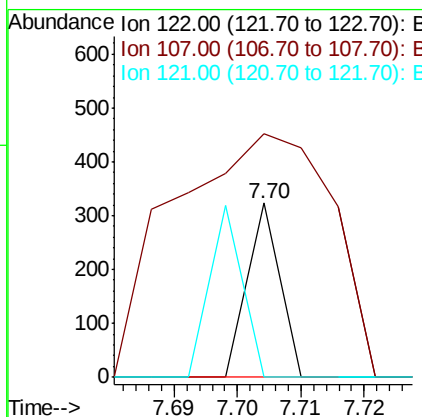
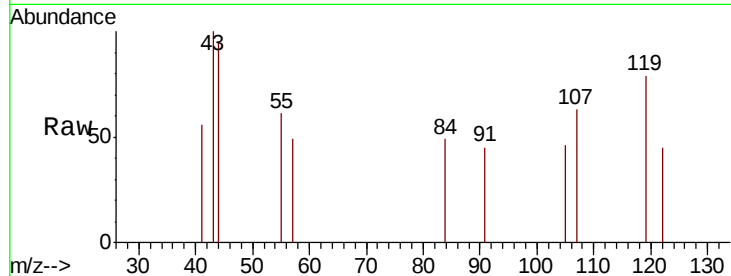




#27
 2,4-Dimethylphenol
 Concen: 0.012 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF118974.D
 Acq: 20 Feb 2020 22:42

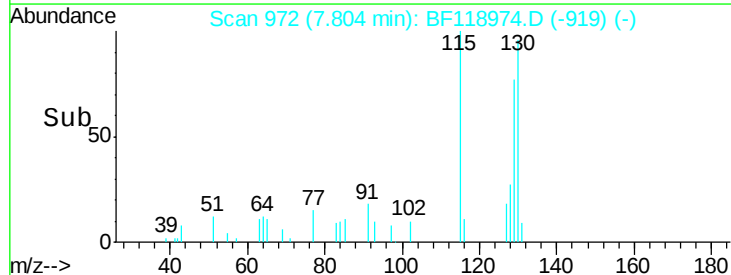
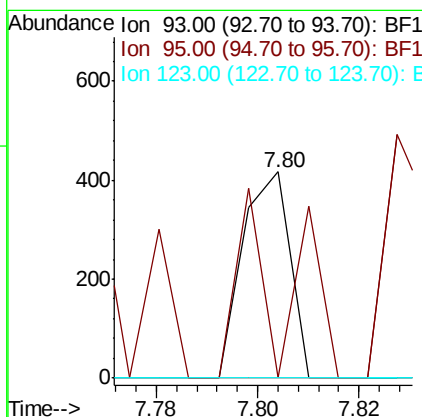
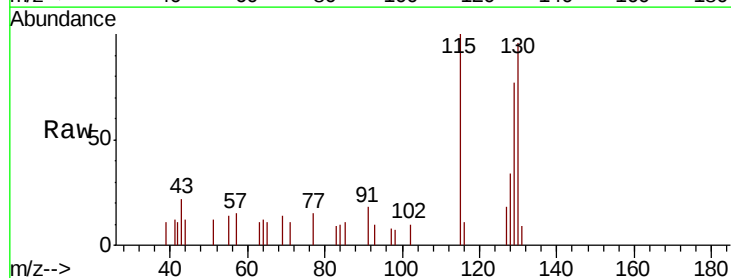
Instrument :
 BNA_F
 ClientSampled :

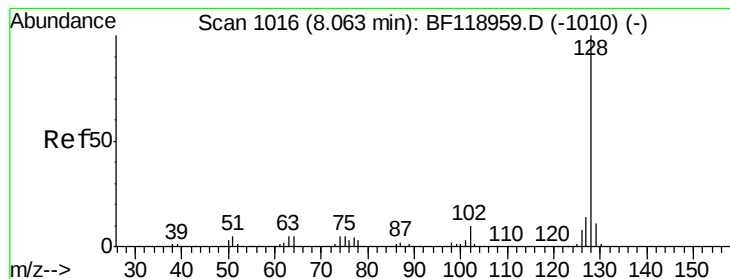
Tot Ion:122 Resp: 114
 Ion Ratio Lower Upper
 122 100
 107 139.9 91.8 137.8#
 121 0.0 47.4 71.0#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.017 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF118974.D
 Acq: 20 Feb 2020 22:42

Tgt Ion: 93 Resp: 269
 Ion Ratio Lower Upper
 93 100
 95 0.0 26.3 39.5#
 123 0.0 9.8 14.8#





#31

Naphthalene

Concen: 1.273 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

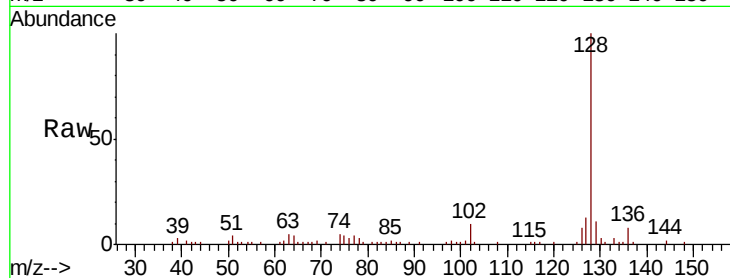
Tot Ion:128 Resp: 47558

Ion Ratio Lower Upper

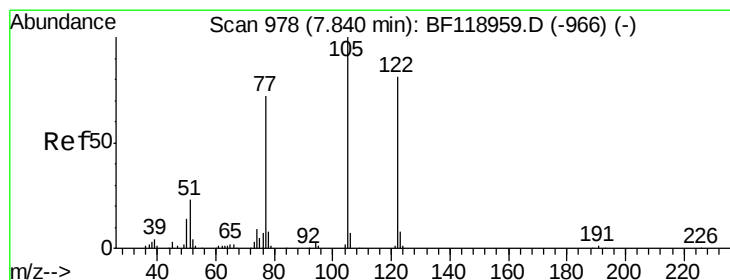
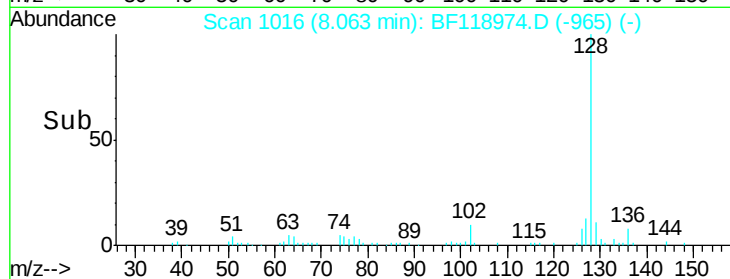
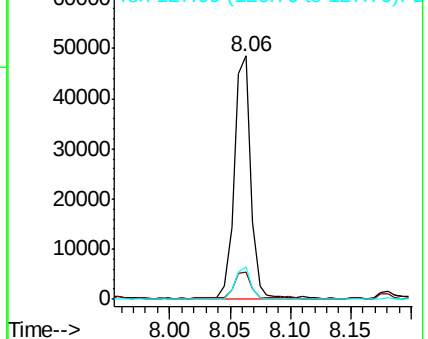
128 100

129 11.4 9.0 13.4

127 13.1 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: 6.710 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

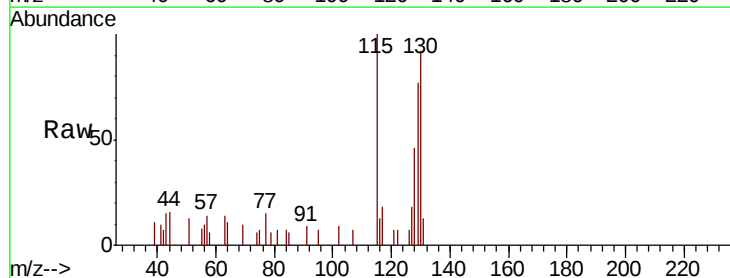
Tgt Ion:122 Resp: 243

Ion Ratio Lower Upper

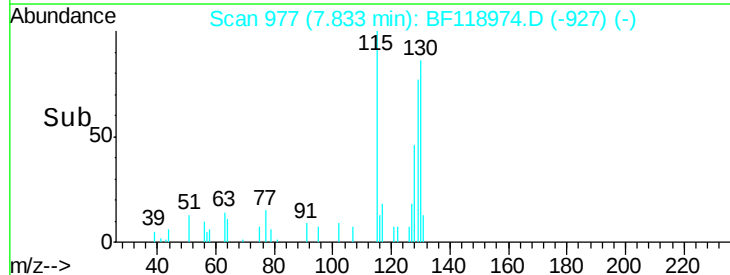
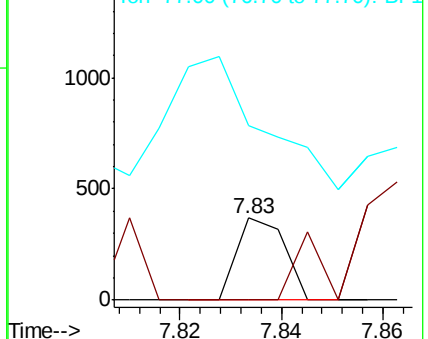
122 100

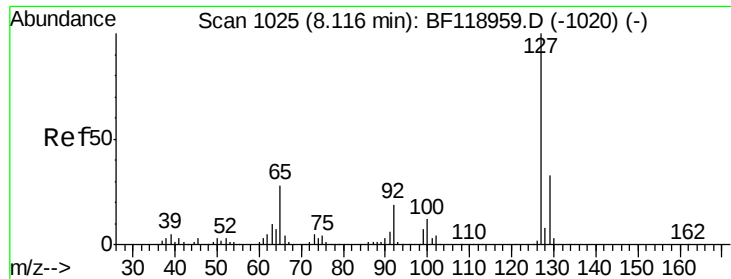
105 0.0 102.2 142.2#

77 212.2 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

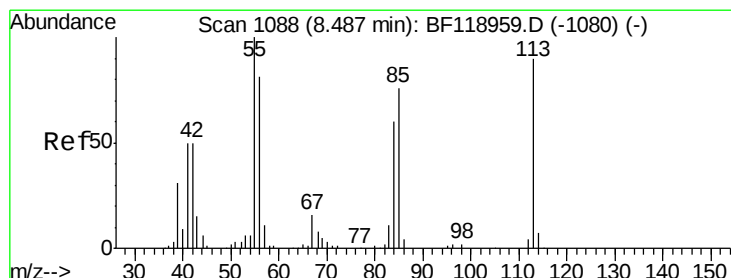
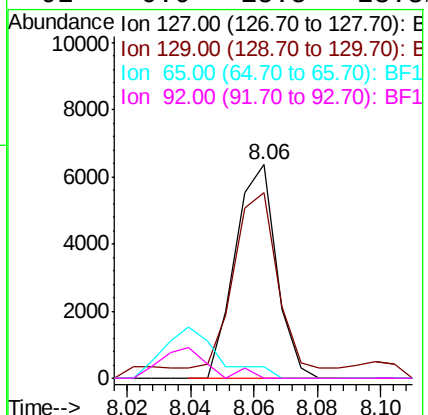
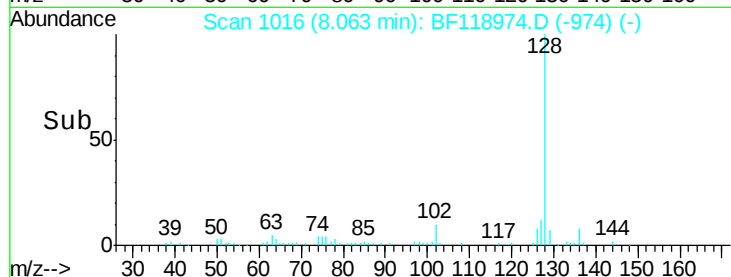
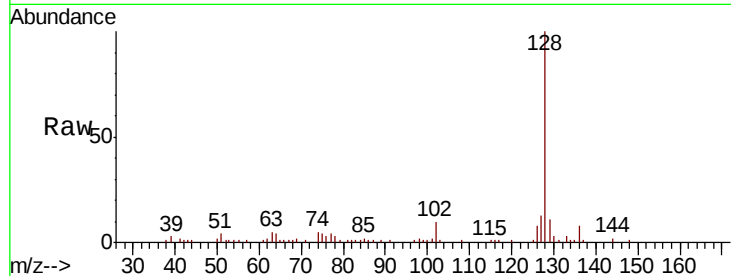




#33
4-Chloroaniline
Concen: 0.357 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.05 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

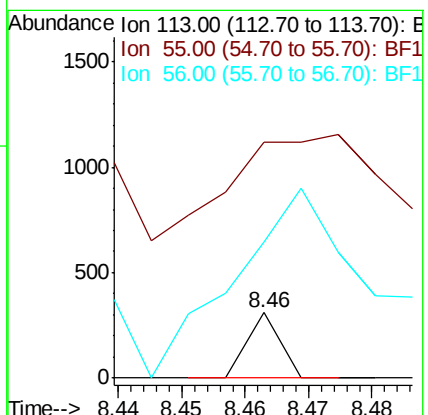
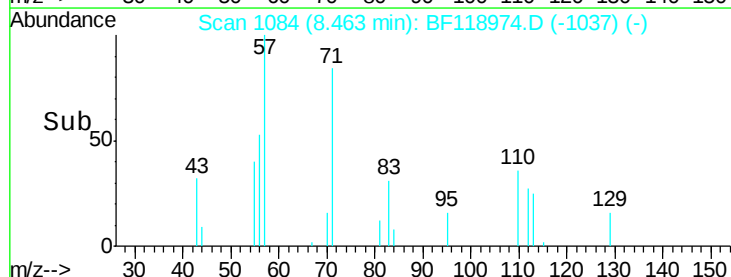
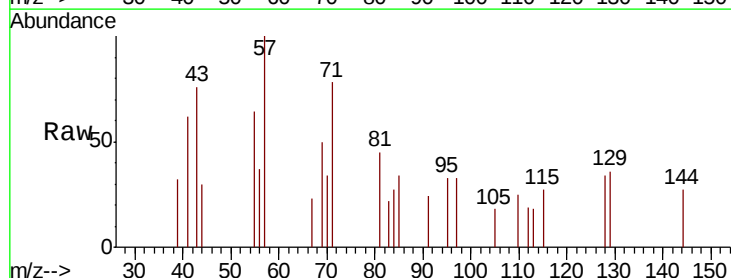
Instrument :
BNA_F
ClientSampleId :

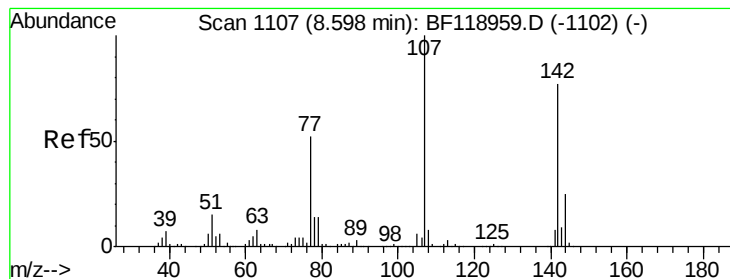
Tot Ion:	127	Resp:	5738
Ion	Ratio	Lower	Upper
127	100		
129	86.9	26.2	39.2#
65	5.1	22.0	33.0#
92	0.0	15.5	23.3#



#35
Caprolactam
Concen: 0.031 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Tgt Ion:	113	Resp:	109
Ion	Ratio	Lower	Upper
113	100		
55	361.8	90.8	130.8#
56	208.1	70.0	110.0#





#36

4-Chloro-3-methylphenol

Concen: 0.065 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

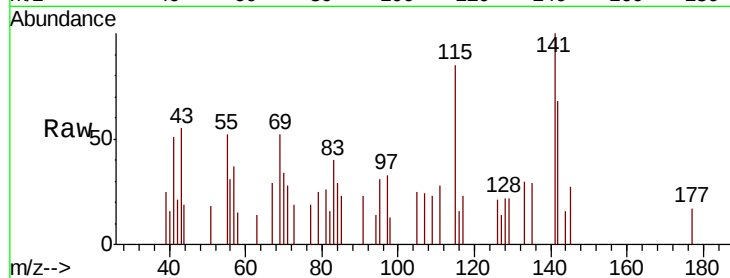
Tot Ion:107 Resp: 747

Ion Ratio Lower Upper

107 100

144 64.2 19.8 29.8#

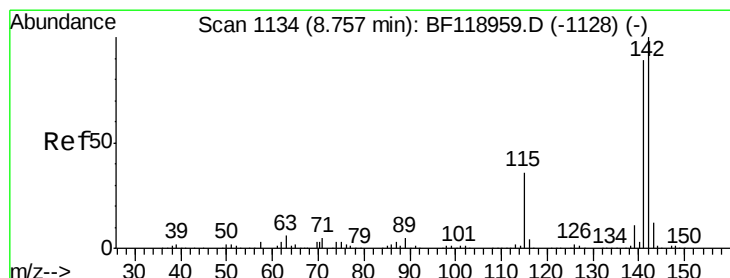
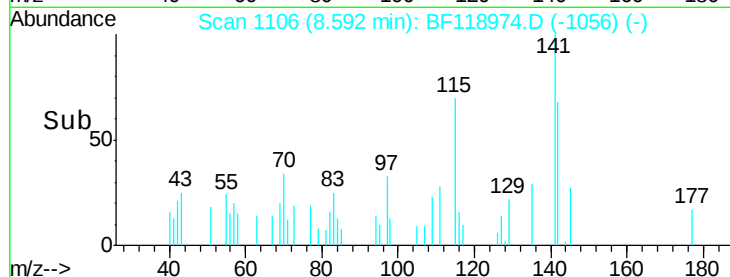
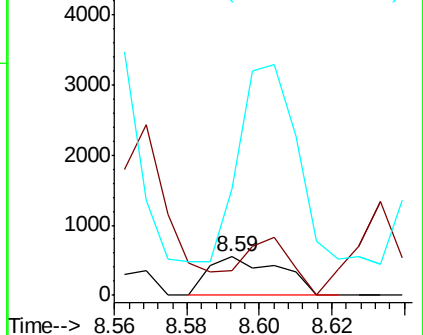
142 279.3 61.3 91.9#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 2.038 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

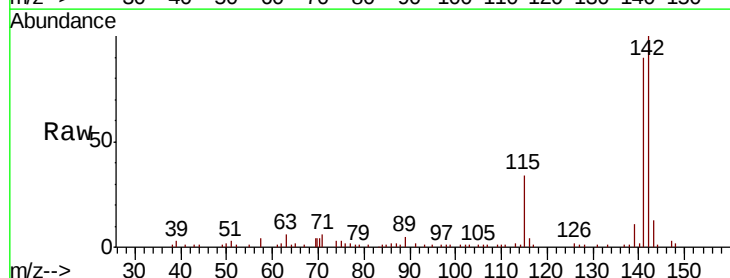
Tgt Ion:142 Resp: 51224

Ion Ratio Lower Upper

142 100

141 89.7 71.0 106.4

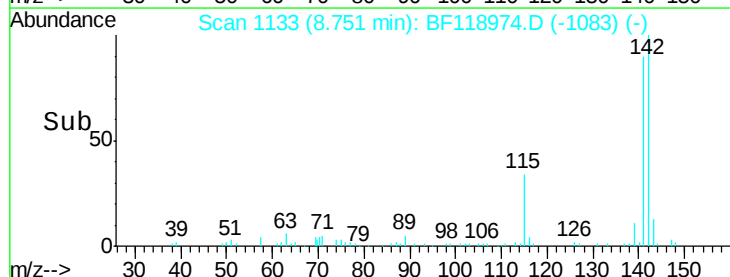
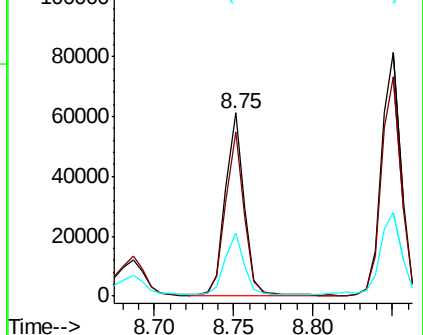
115 34.5 28.6 42.8

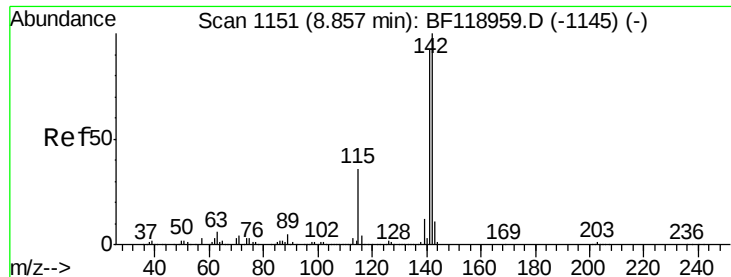


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

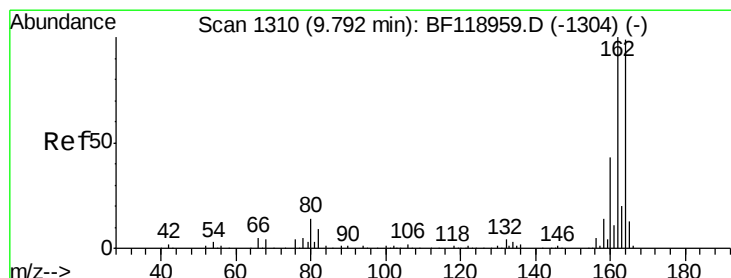
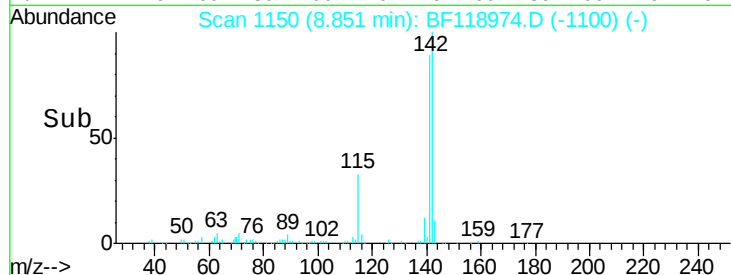
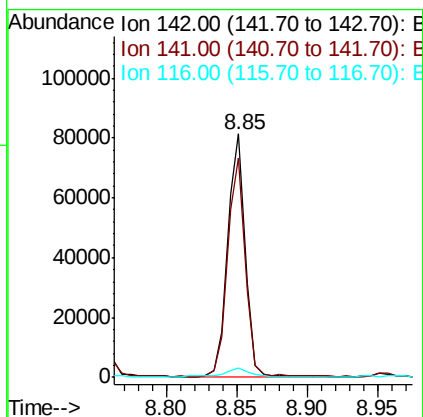
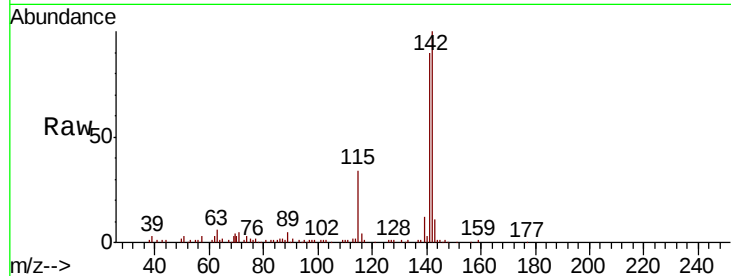




#38
1-Methylnaphthalene
Concen: 3.001 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

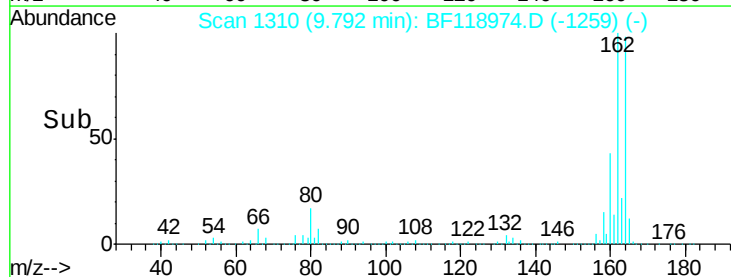
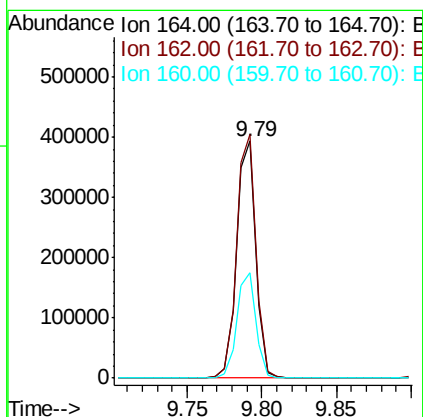
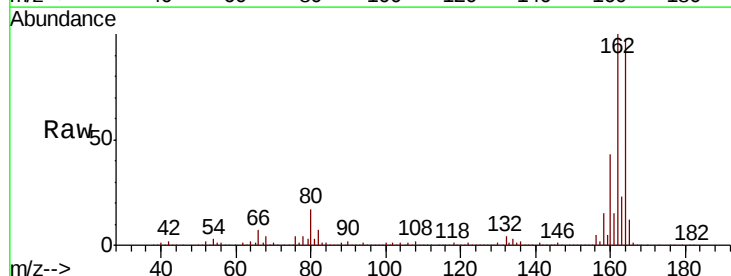
Instrument :
BNA_F
ClientSampleId :

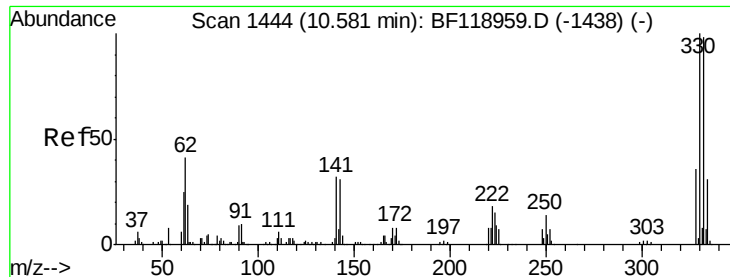
Tot Ion:142 Resp: 70947
Ion Ratio Lower Upper
142 100
141 90.3 73.7 110.5
116 4.1 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Tgt Ion:164 Resp: 356984
Ion Ratio Lower Upper
164 100
162 102.8 81.2 121.8
160 44.5 35.2 52.8

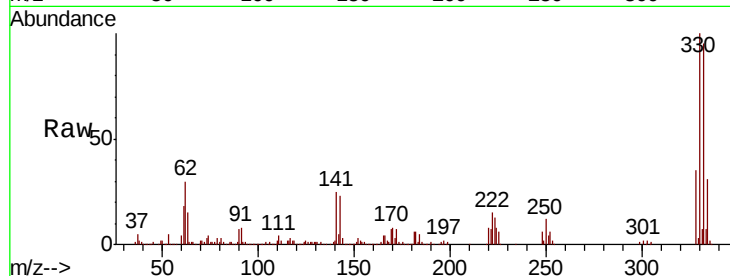




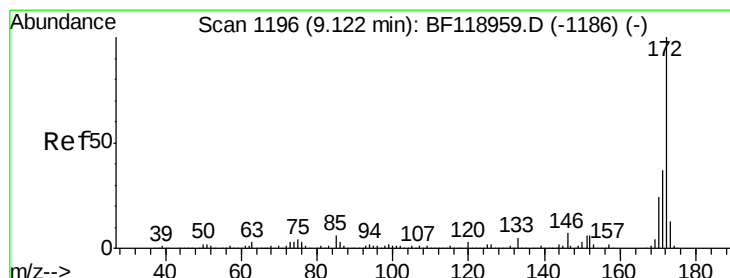
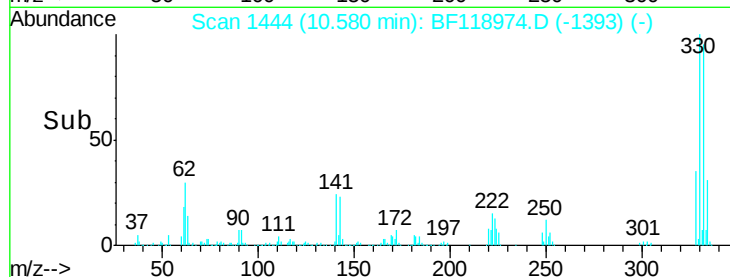
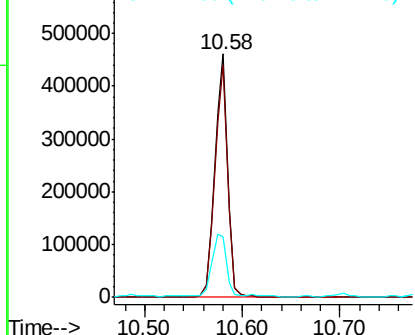
#42
 2,4,6-Tribromophenol
 Concen: 89.808 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118974.D
 Acq: 20 Feb 2020 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 419400
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 29.7 23.0 34.6

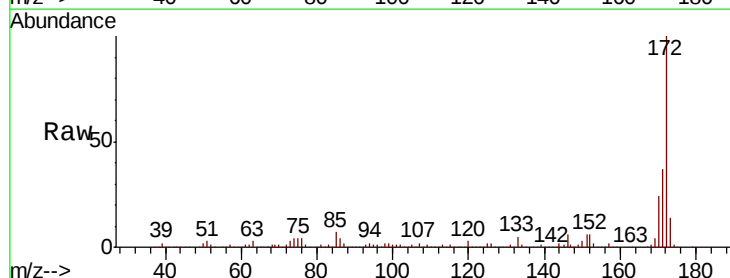


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

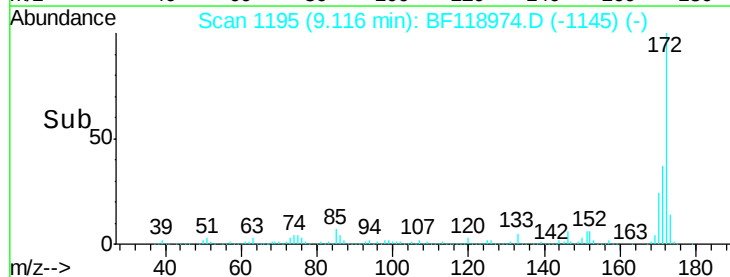
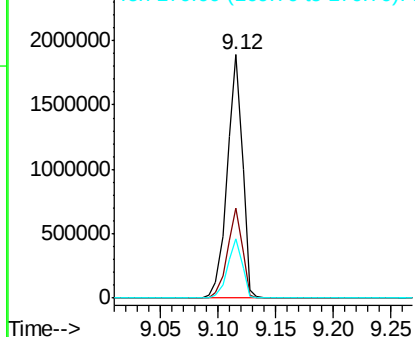


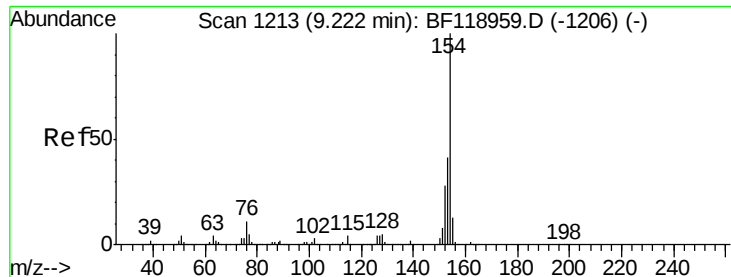
#45
 2-Fluorobiphenyl
 Concen: 71.099 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118974.D
 Acq: 20 Feb 2020 22:42

Tgt Ion:172 Resp: 1722890
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.2
 170 24.4 19.6 29.4



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





#46

1,1'-Biphenyl

Concen: 0.425 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

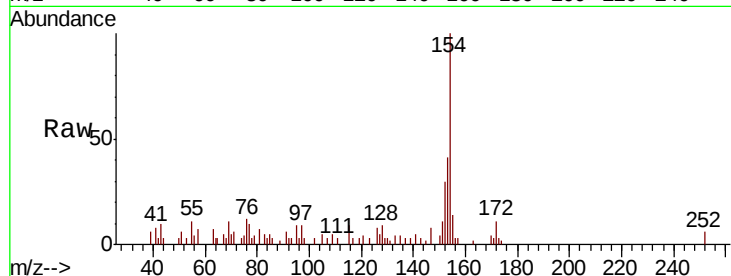
Tot Ion:154 Resp: 12270

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

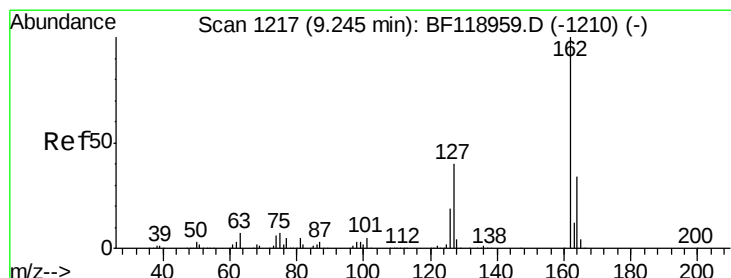
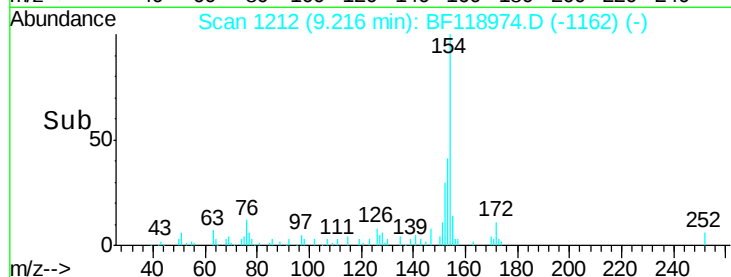
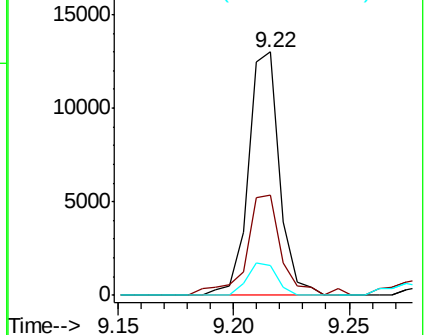
76 12.3 0.0 31.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Chloronaphthalene

Concen: 0.215 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.04 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

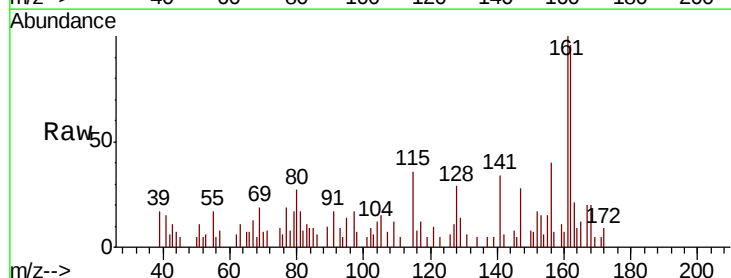
Tgt Ion:162 Resp: 5008

Ion Ratio Lower Upper

162 100

127 11.5 31.9 47.9#

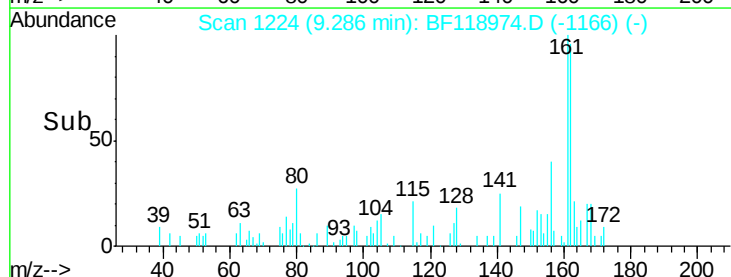
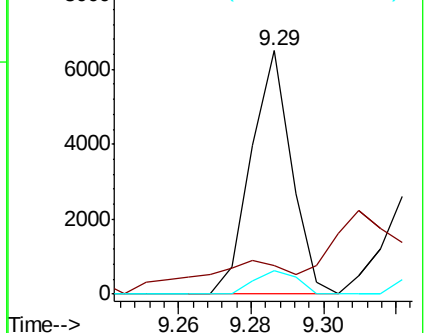
164 9.5 26.8 40.2#

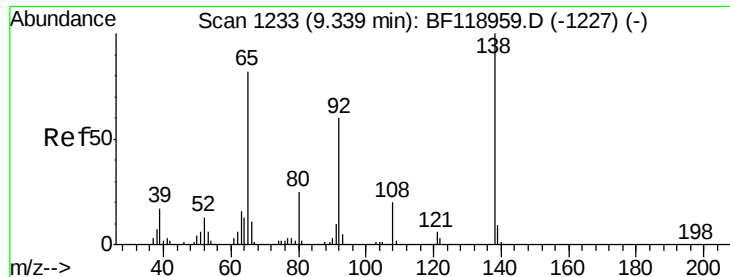


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

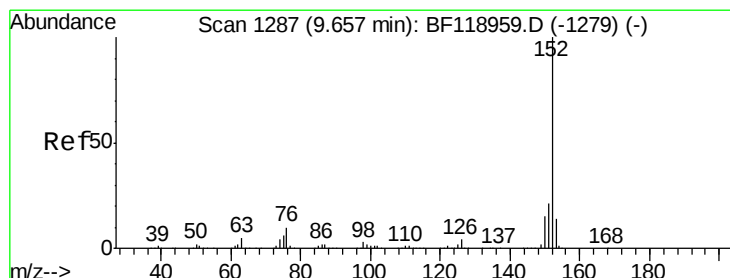
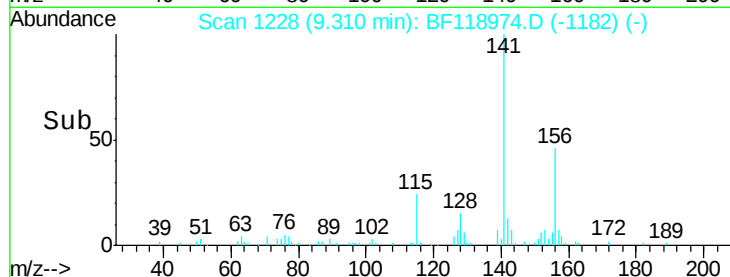
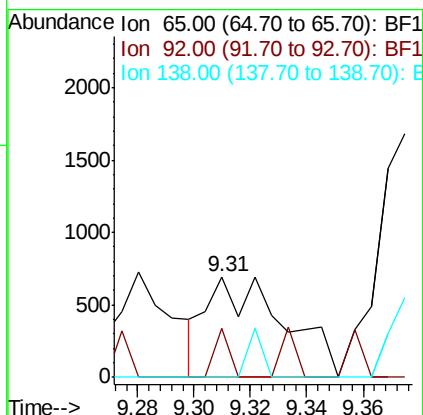
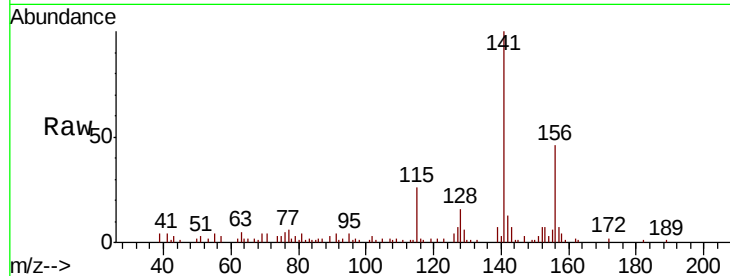




#48
2-Nitroaniline
Concen: 0.200 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.03 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

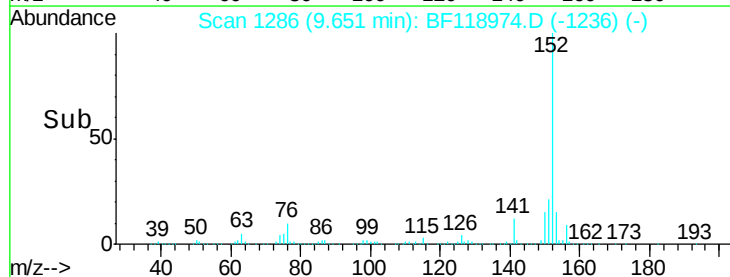
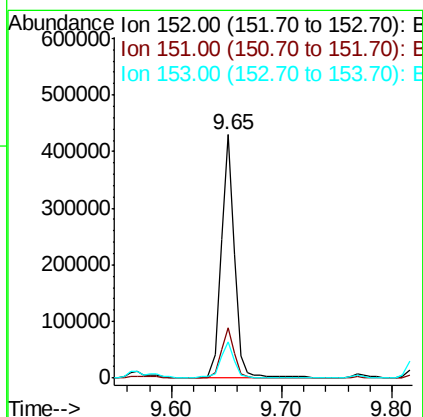
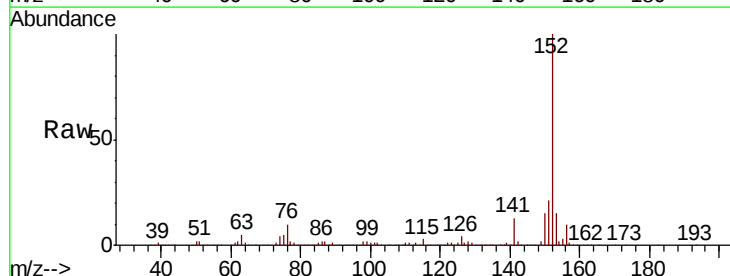
Instrument :
BNA_F
ClientSampleId :

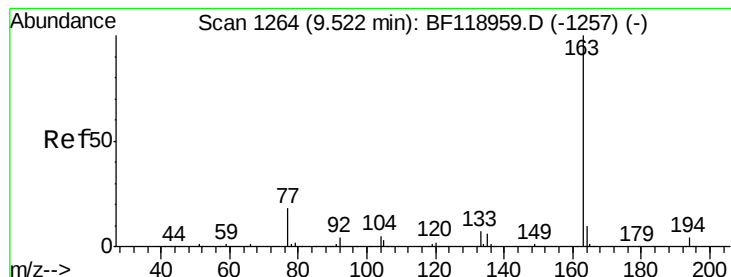
Tot Ion: 65 Resp: 1295
Ion Ratio Lower Upper
65 100
92 48.6 58.6 87.8#
138 0.0 97.5 146.3#



#49
Acenaphthylene
Concen: 10.689 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Tgt Ion:152 Resp: 358942
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1
153 14.7 10.9 16.3





#50

Dimethylphthalate

Concen: 3.156 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampled :

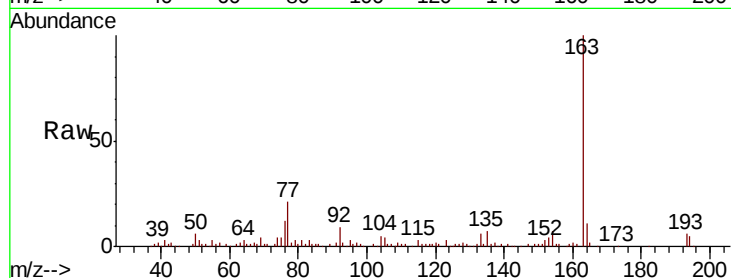
Tot Ion:163 Resp: 86156

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

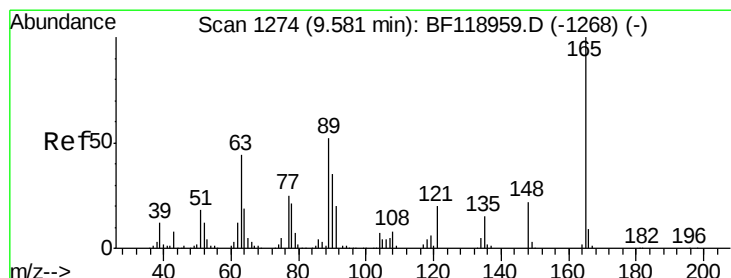
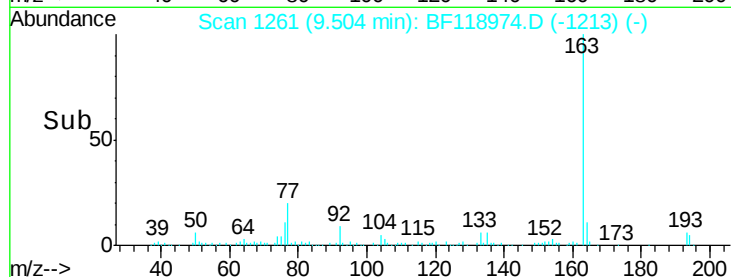
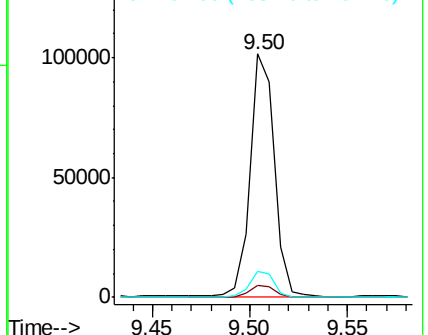
164 10.7 8.2 12.2



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: 0.393 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.08 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

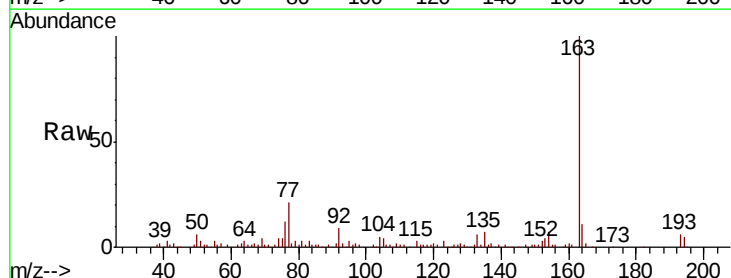
Tgt Ion:165 Resp: 2384

Ion Ratio Lower Upper

165 100

63 134.5 37.9 56.9#

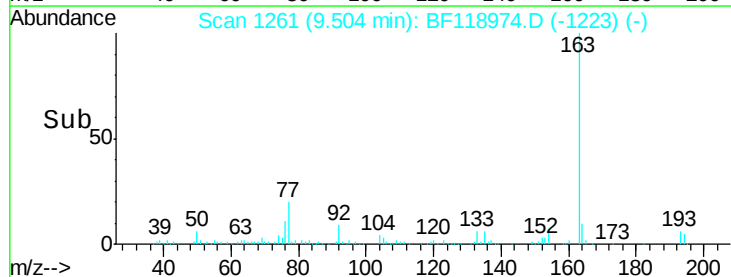
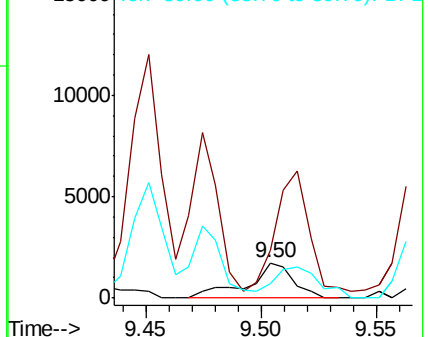
89 43.0 41.4 62.0

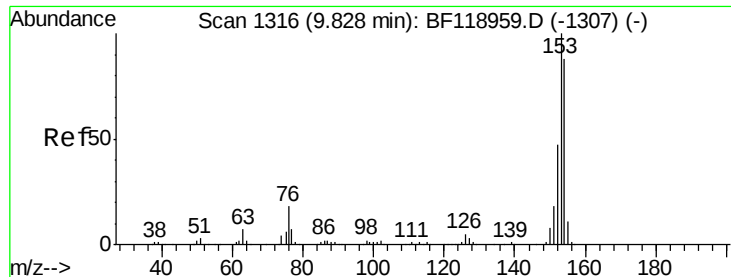


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 1.844 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

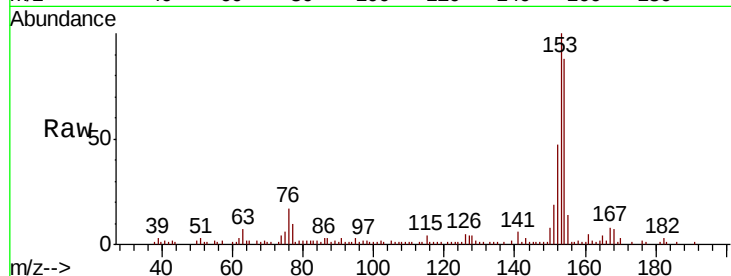
Tot Ion:154 Resp: 37329

Ion Ratio Lower Upper

154 100

153 113.1 90.4 135.6

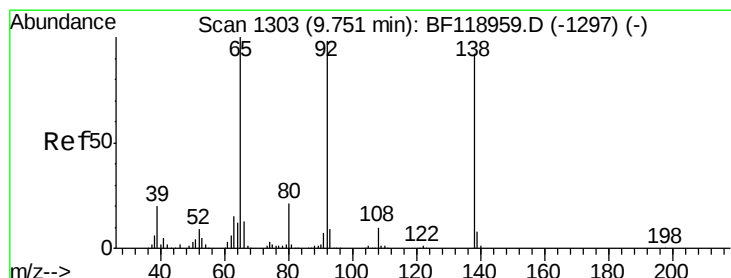
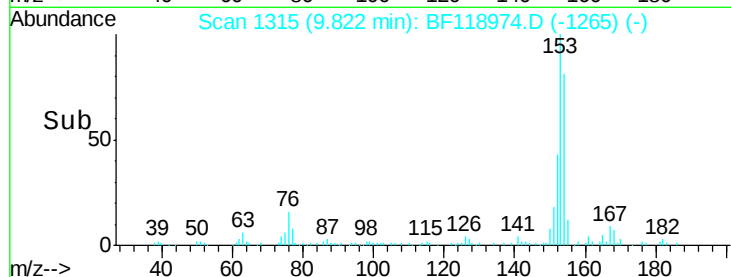
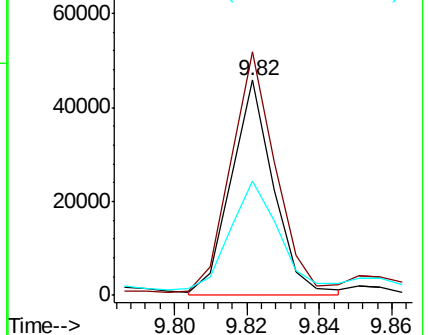
152 53.2 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.023 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

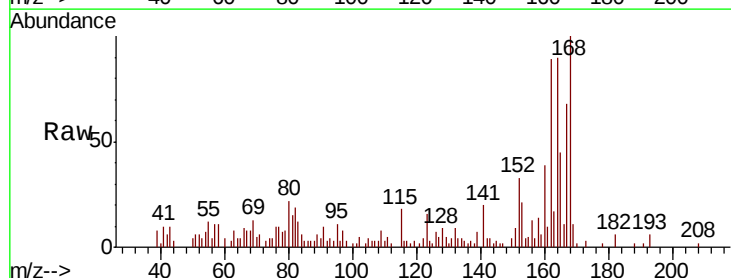
Tgt Ion:138 Resp: 156

Ion Ratio Lower Upper

138 100

108 124.3 8.6 13.0#

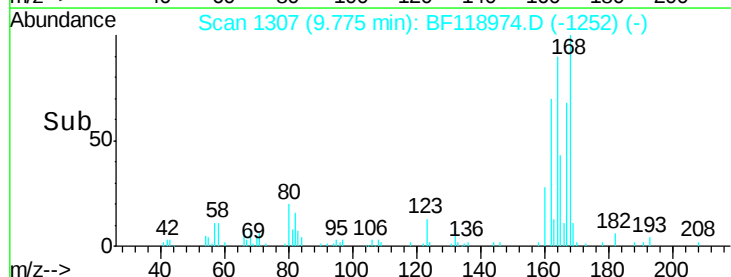
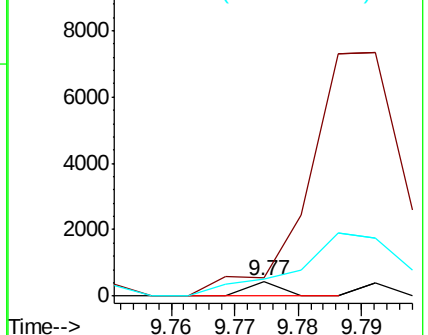
92 115.4 84.6 127.0

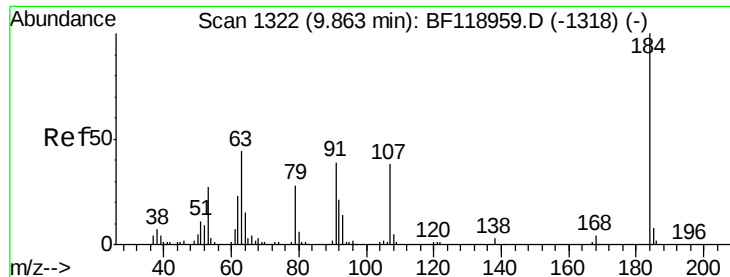


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 7.611 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.21 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

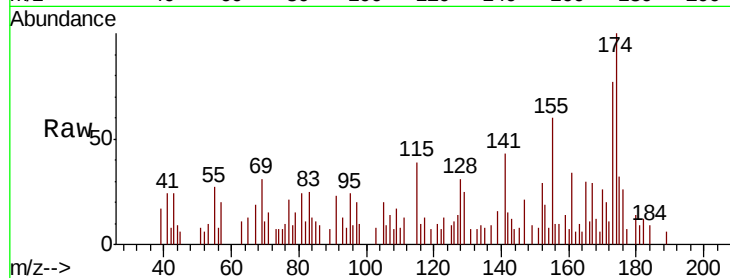
Tot Ion:184 Resp: 442

Ion Ratio Lower Upper

184 100

63 124.5 37.8 56.6#

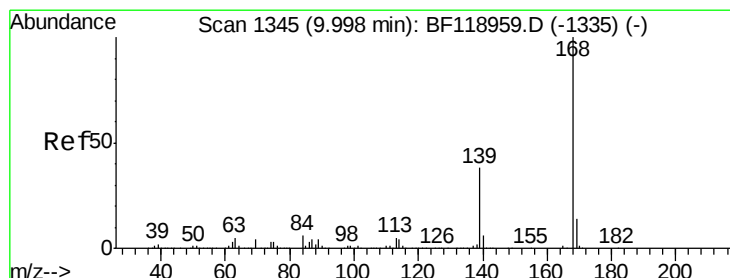
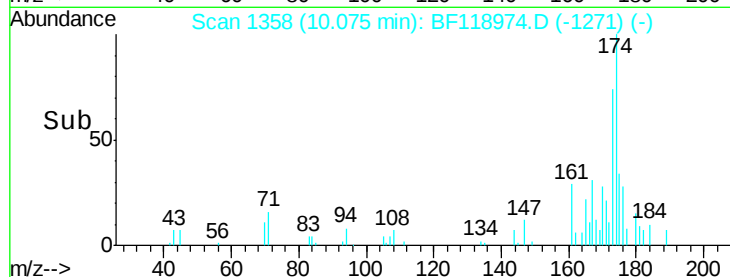
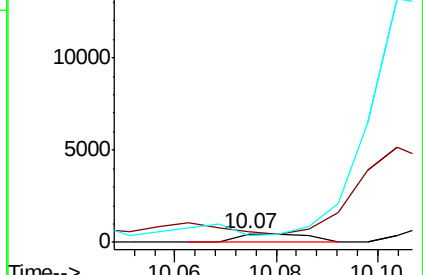
154 85.4 47.6 71.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 0.481 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

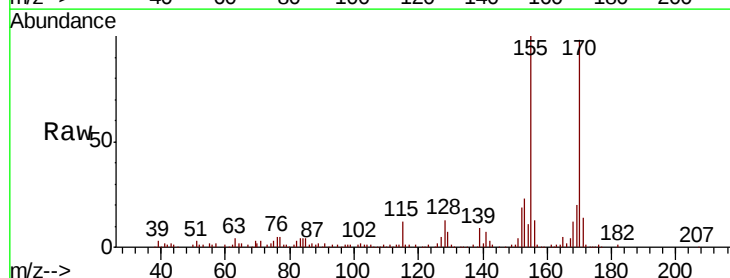
Tgt Ion:168 Resp: 14528

Ion Ratio Lower Upper

168 100

139 72.8 31.7 47.5#

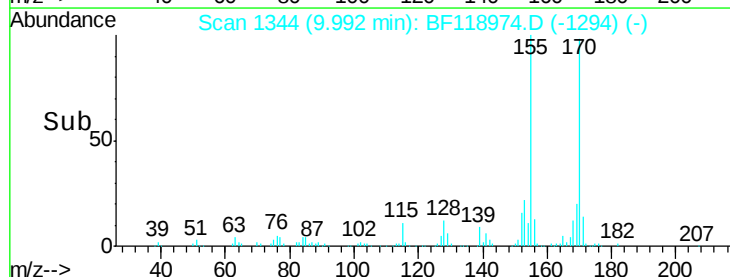
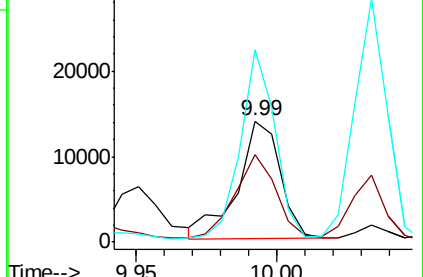
169 159.1 11.0 16.4#

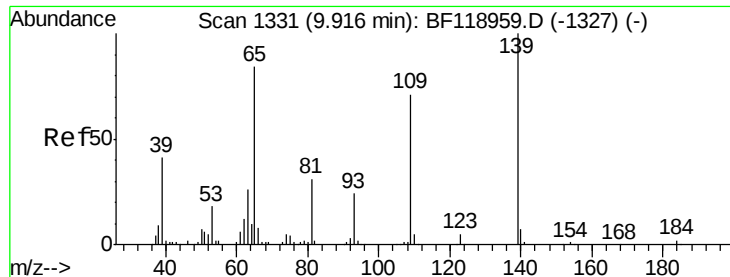


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

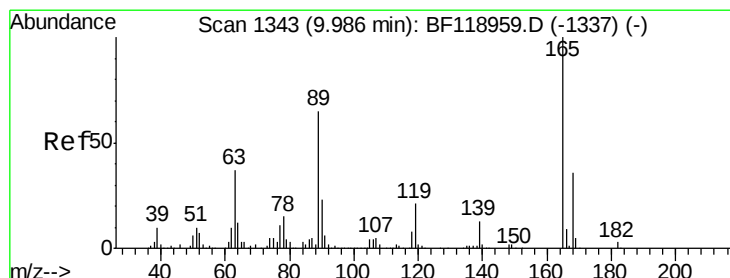
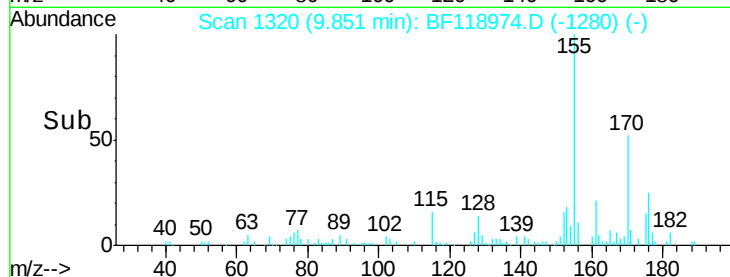
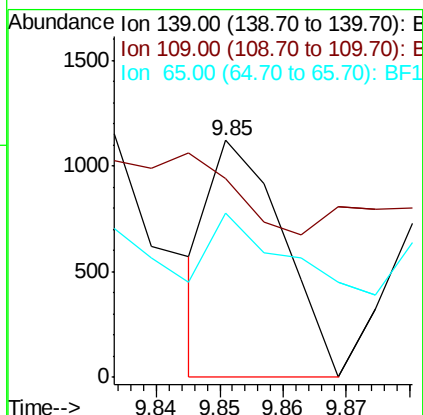
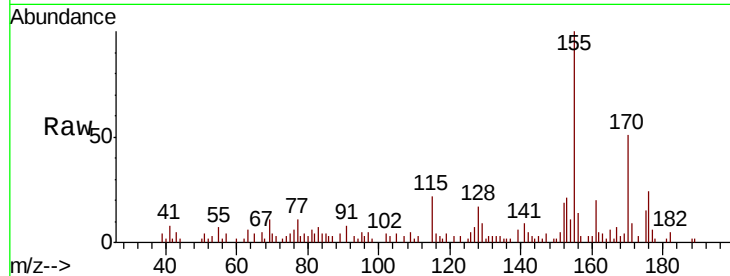




#56
4-Nitrophenol
Concen: 0.219 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.06 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

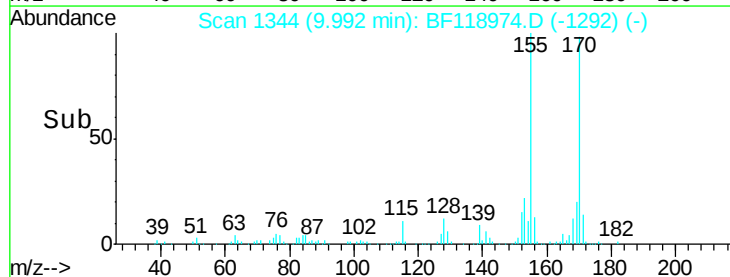
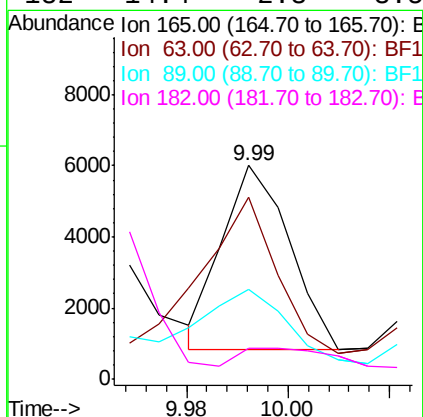
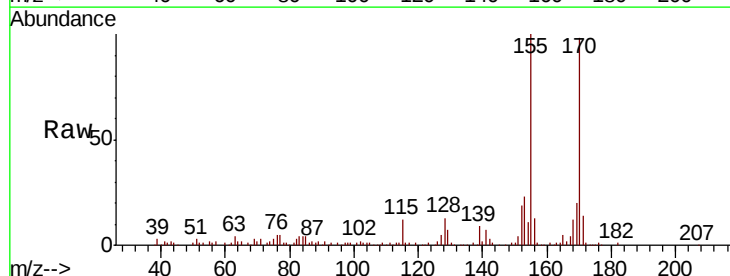
Instrument :
BNA_F
ClientSampled :

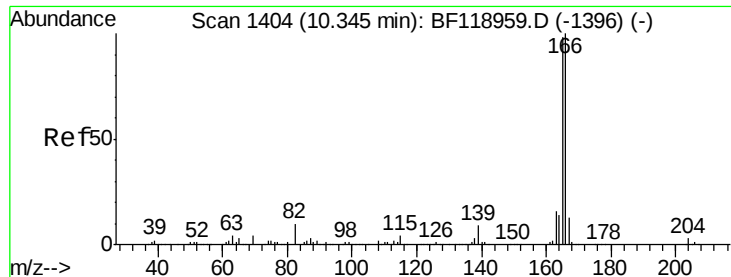
Tot Ion:139 Resp: 883
Ion Ratio Lower Upper
139 100
109 84.0 51.1 91.1
65 69.3 64.7 104.7



#57
2,4-Dinitrotoluene
Concen: 0.610 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Tgt Ion:165 Resp: 4793
Ion Ratio Lower Upper
165 100
63 84.8 29.8 44.8#
89 42.0 51.9 77.9#
182 14.4 2.3 3.5#





#58

Fluorene

Concen: 5.181 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampled :

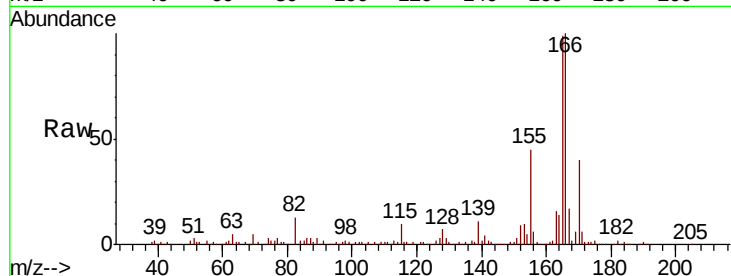
Tot Ion:166 Resp: 121676

Ion Ratio Lower Upper

166 100

165 99.2 78.2 117.4

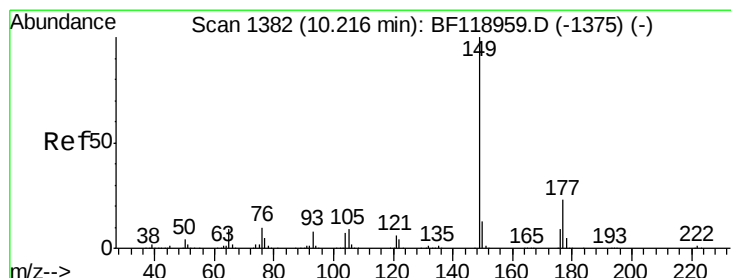
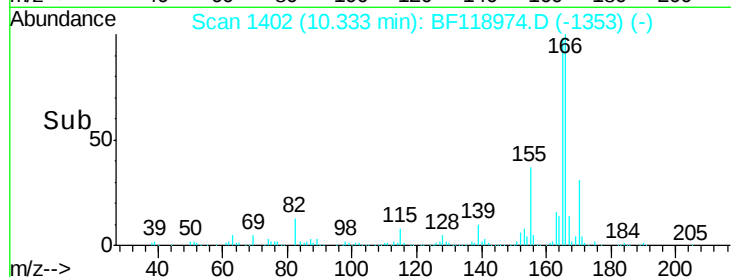
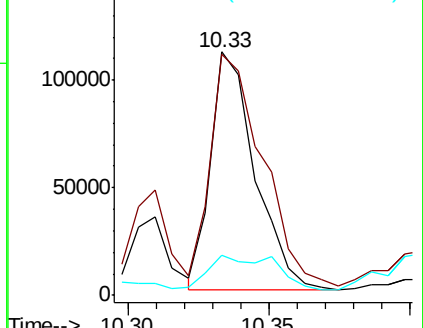
167 16.6 10.6 16.0#



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



#60

Diethylphthalate

Concen: 0.036 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

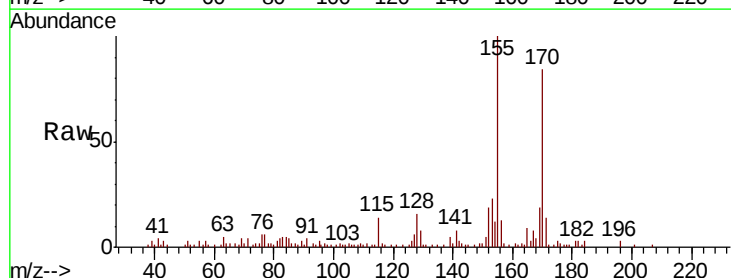
Tgt Ion:149 Resp: 933

Ion Ratio Lower Upper

149 100

177 59.0 18.1 27.1#

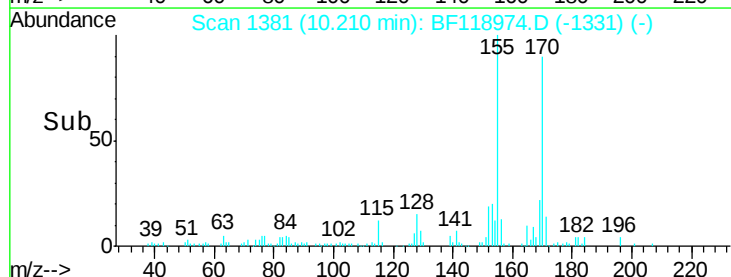
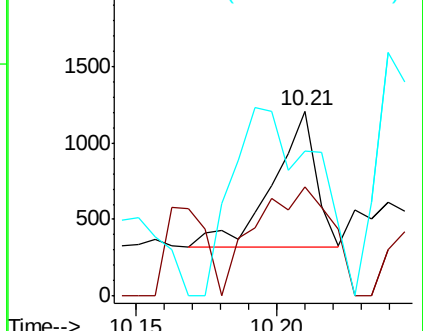
150 78.7 10.4 15.6#

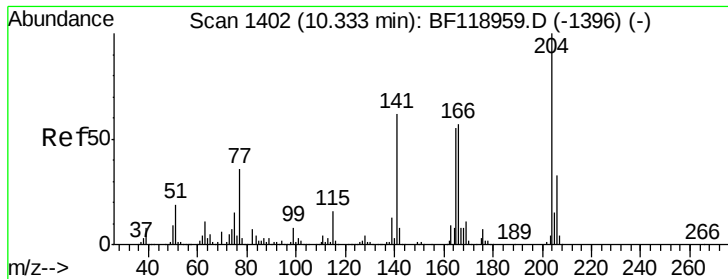


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

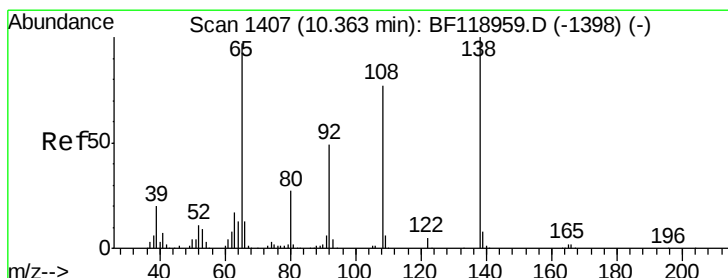
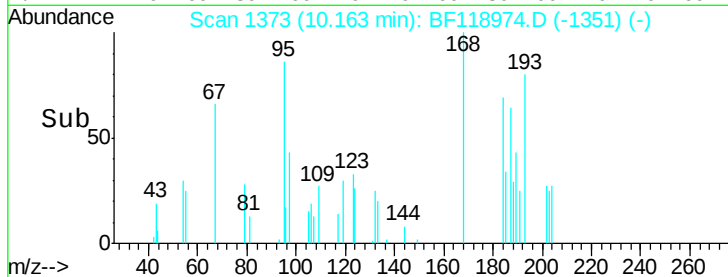
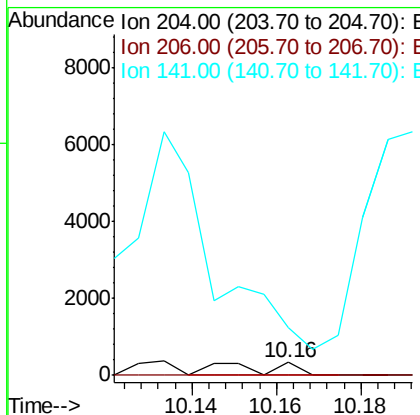
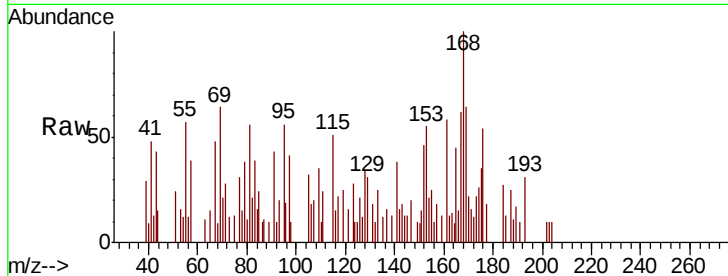




#61
 4-Chlorophenyl-phenylether
 Concen: 0.027 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.17 min
 Lab File: BF118974.D
 Acq: 20 Feb 2020 22:42

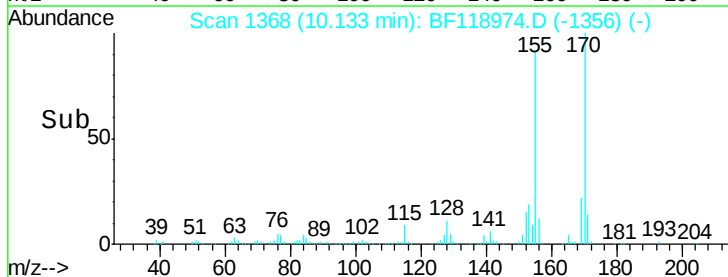
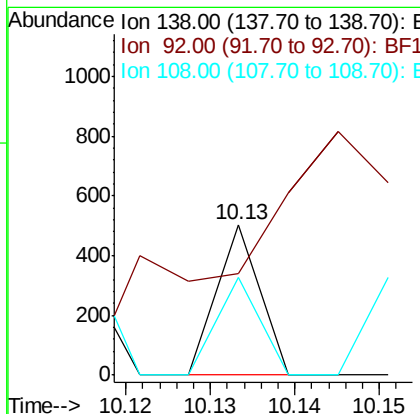
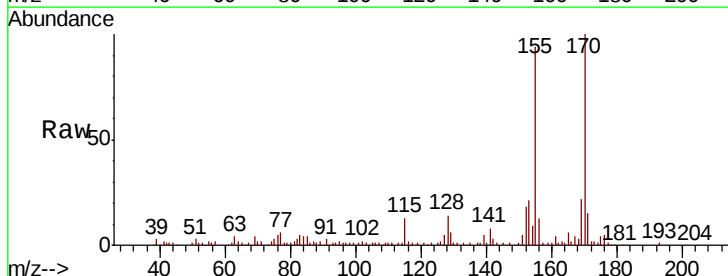
Instrument :
 BNA_F
 ClientSampled :

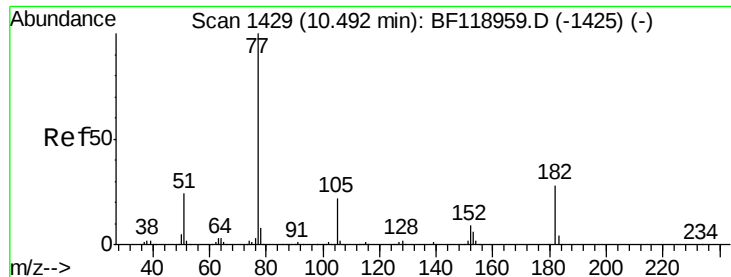
Tot Ion:204 Resp: 339
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.5 39.7#
 141 362.8 49.5 74.3#



#62
 4-Nitroaniline
 Concen: 0.026 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.23 min
 Lab File: BF118974.D
 Acq: 20 Feb 2020 22:42

Tgt Ion:138 Resp: 178
 Ion Ratio Lower Upper
 138 100
 92 67.9 28.7 68.7
 108 65.1 56.8 96.8





#63

Azobenzene

Concen: 0.174 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

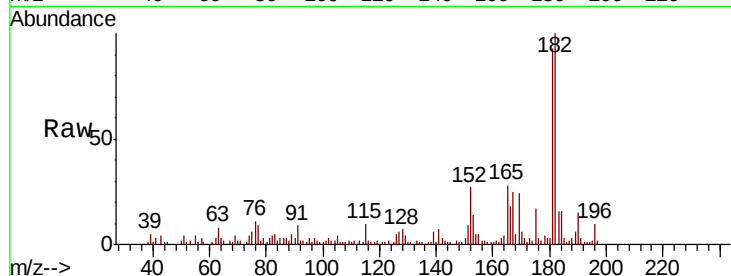
BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 3901

Ion Ratio Lower Upper

77	100		
182	1133.7	8.2	48.2#
105	41.6	2.3	42.3
51	50.5	3.6	43.6#

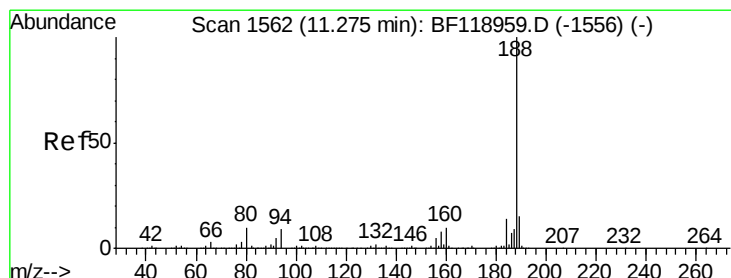
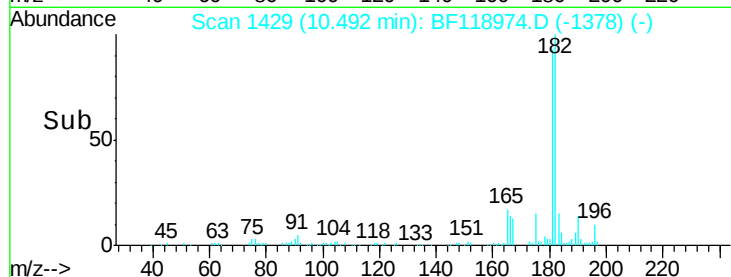
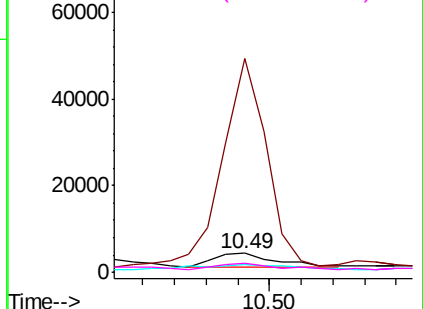


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

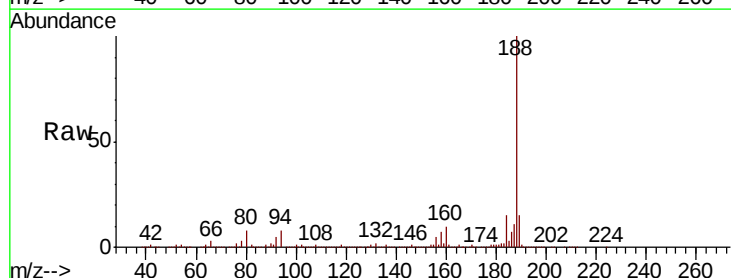
Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Tgt Ion: 188 Resp: 546910

Ion Ratio Lower Upper

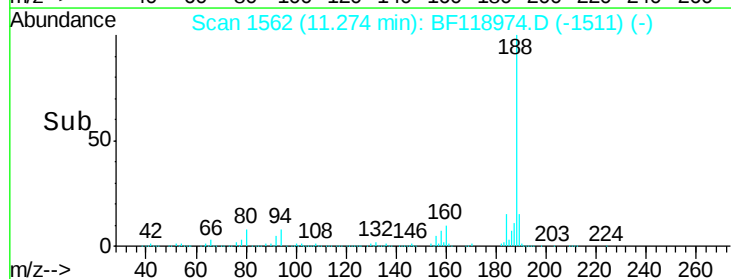
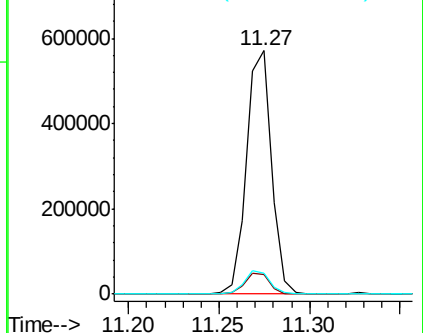
188	100		
94	8.2	7.0	10.6
80	8.4	7.9	11.9

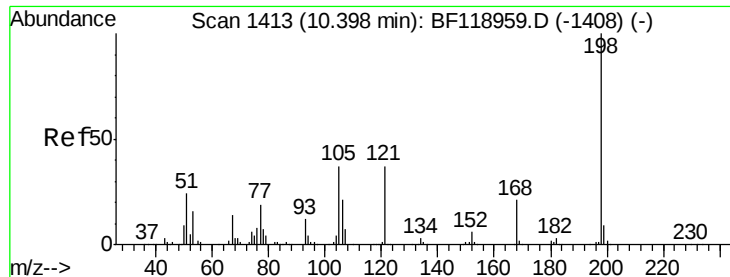


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 0.034 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

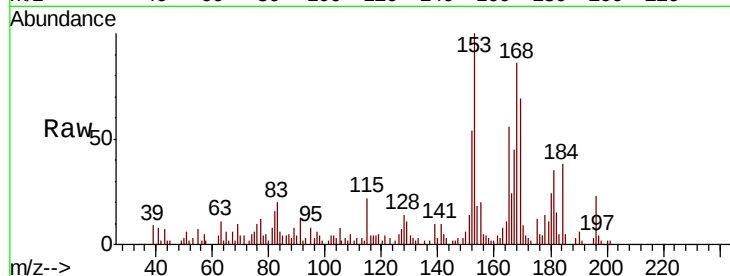
Tot Ion:198 Resp: 114

Ion Ratio Lower Upper

198 100

51 355.3 7.1 47.1#

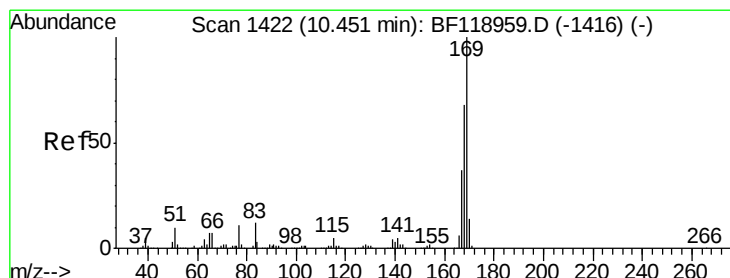
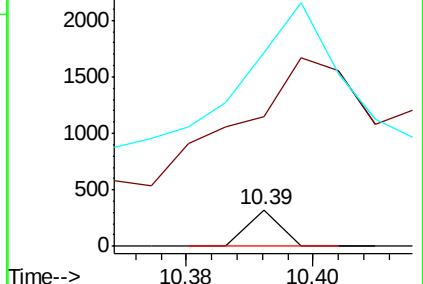
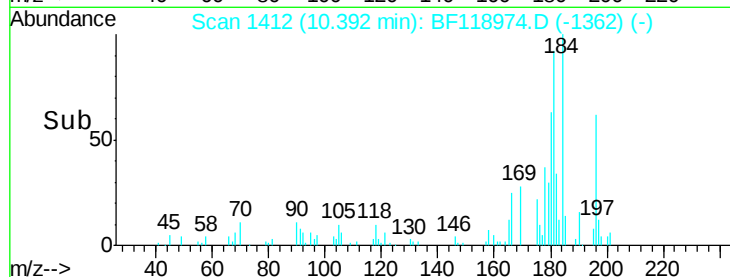
105 532.3 18.3 58.3#



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: 1.602 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

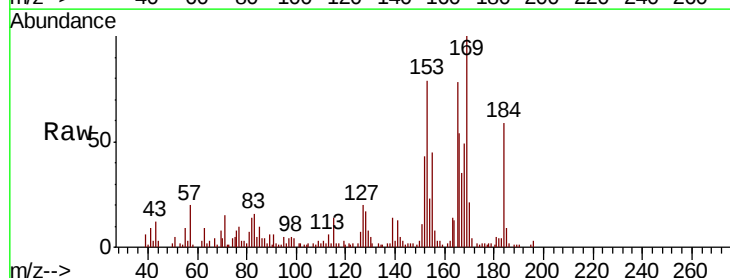
Tgt Ion:169 Resp: 28695

Ion Ratio Lower Upper

169 100

168 48.6 54.2 81.2#

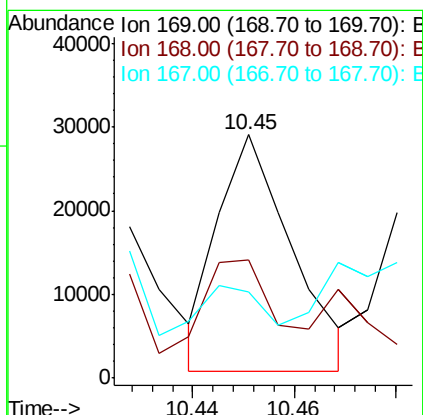
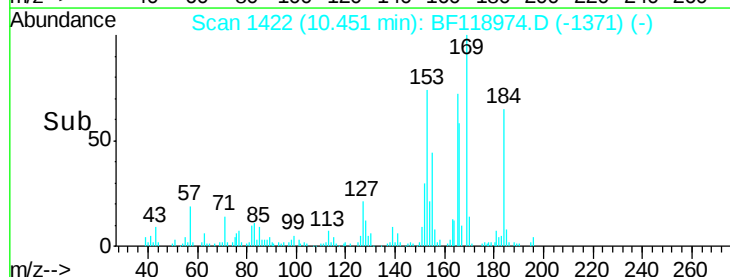
167 35.2 29.4 44.2

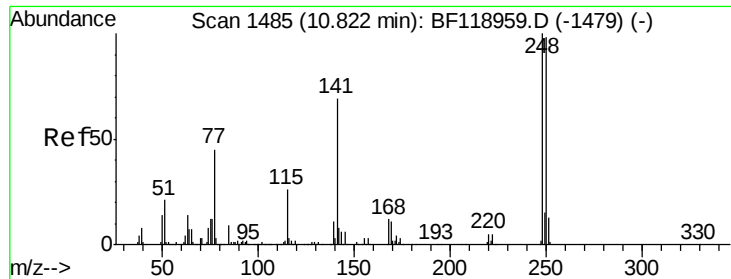


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

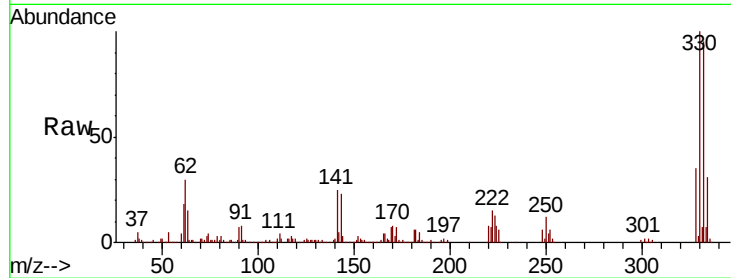




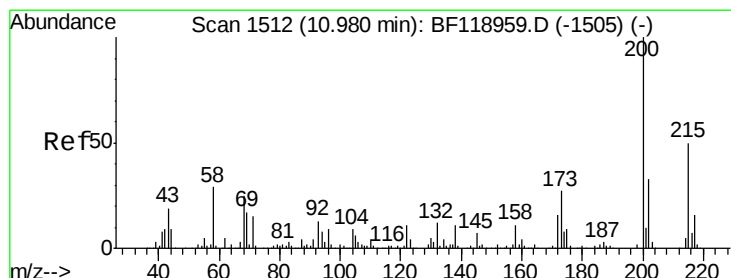
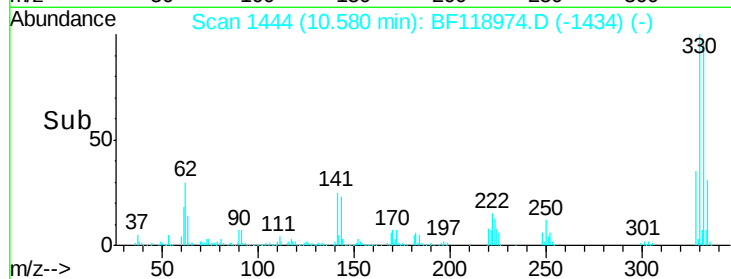
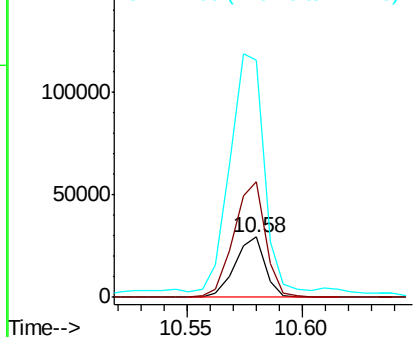
#67
4-Bromophenyl-phenylether
Concen: 3.767 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 26930
Ion Ratio Lower Upper
248 100
250 191.0 78.8 118.2#
141 393.1 55.3 82.9#

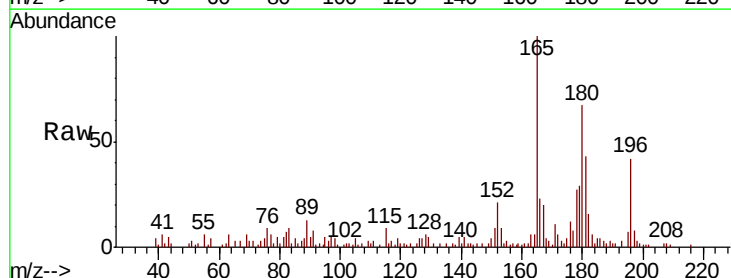


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

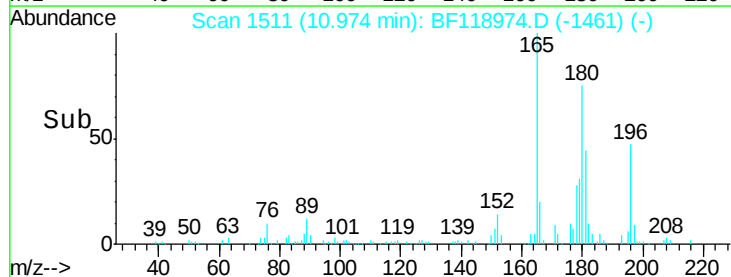
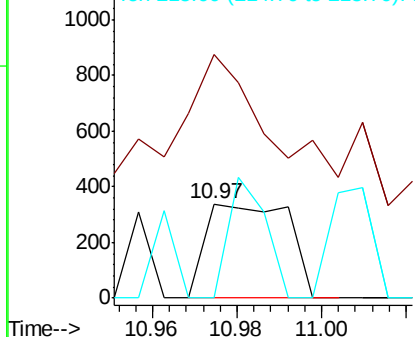


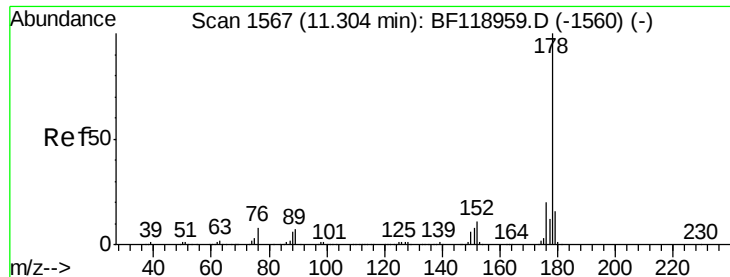
#69
Atrazine
Concen: 0.073 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Tgt Ion:200 Resp: 458
Ion Ratio Lower Upper
200 100
173 258.9 6.9 46.9#
215 0.0 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

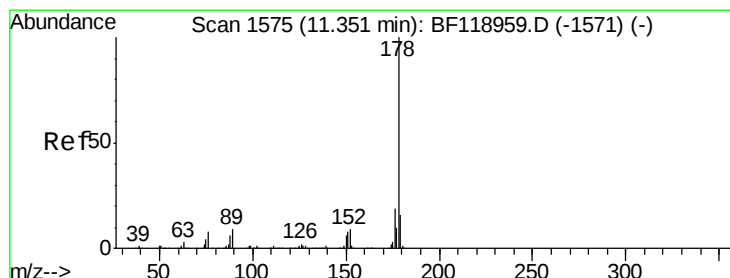
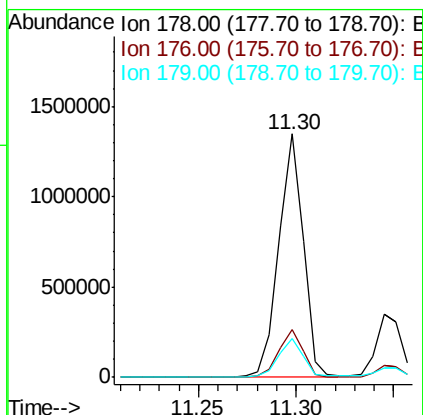
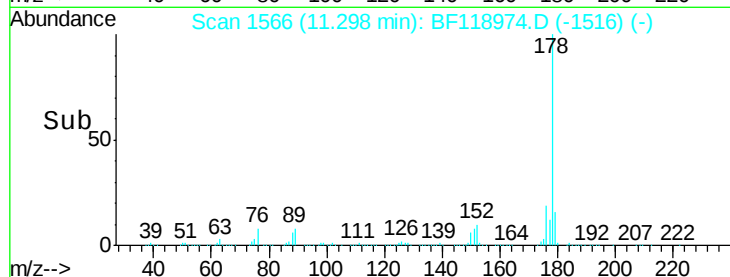
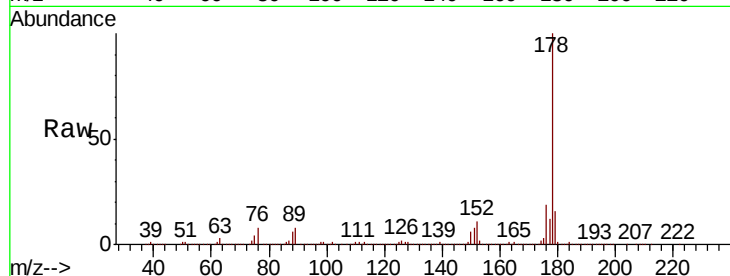




#71
Phenanthrene
Concen: 39.289 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

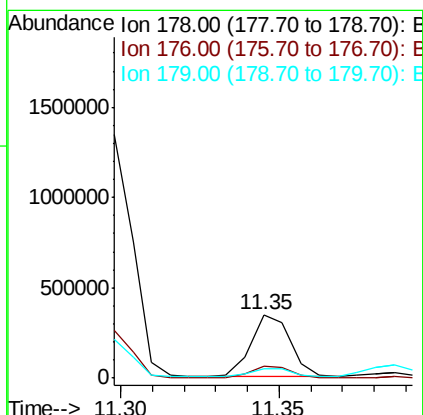
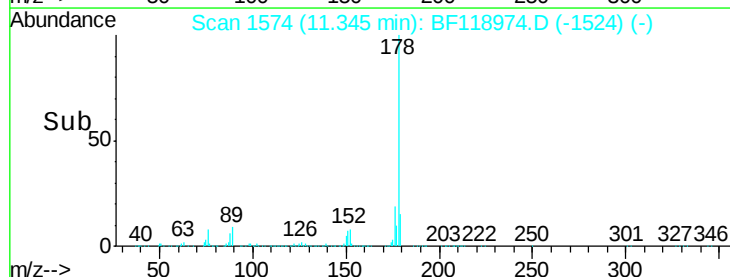
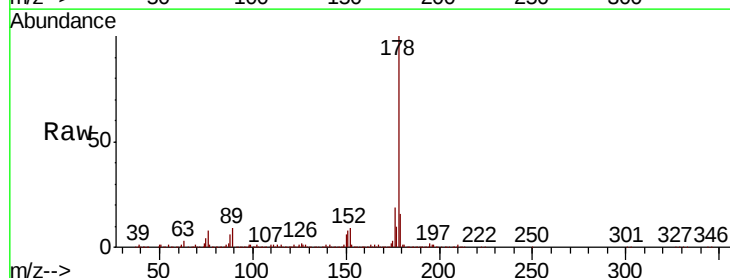
Instrument :
BNA_F
ClientSampleId :

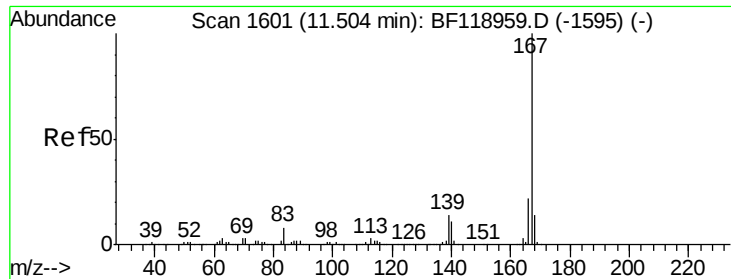
Tot Ion:178 Resp: 1171821
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.0 12.6 18.8



#72
Anthracene
Concen: 10.019 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Tgt Ion:178 Resp: 298575
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.7 12.8 19.2





#73

Carbazole

Concen: 0.227 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampled :

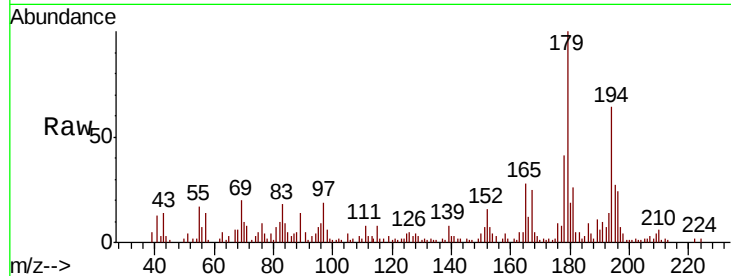
Tot Ion:167 Resp: 6030

Ion Ratio Lower Upper

167 100

166 50.3 17.8 26.6#

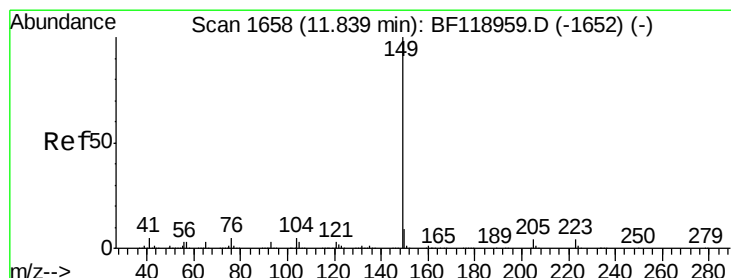
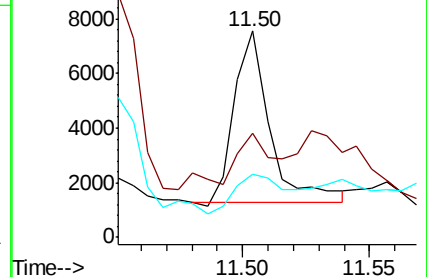
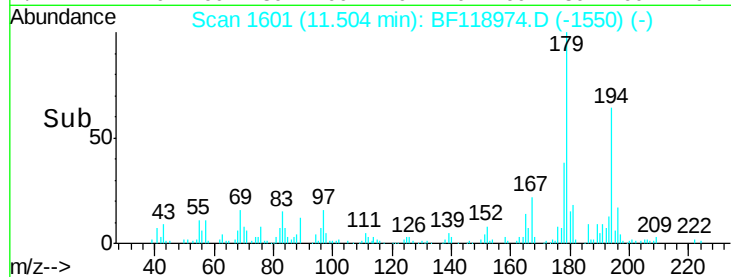
139 30.6 11.2 16.8#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.084 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

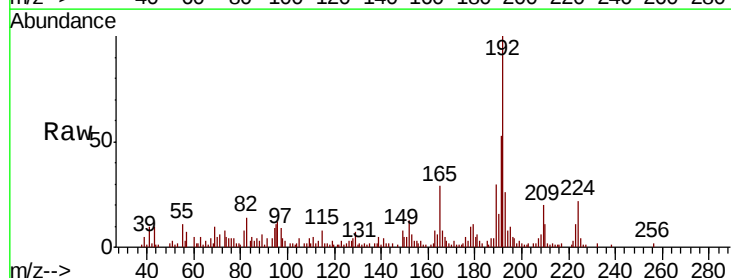
Tgt Ion:149 Resp: 2703

Ion Ratio Lower Upper

149 100

150 57.5 7.5 11.3#

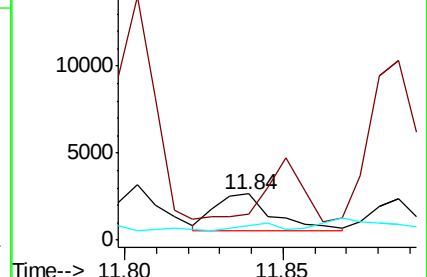
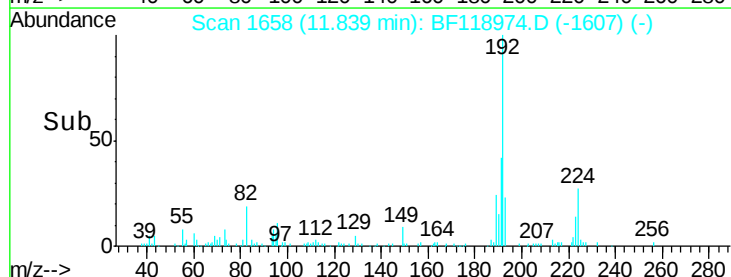
104 30.9 4.0 6.0#

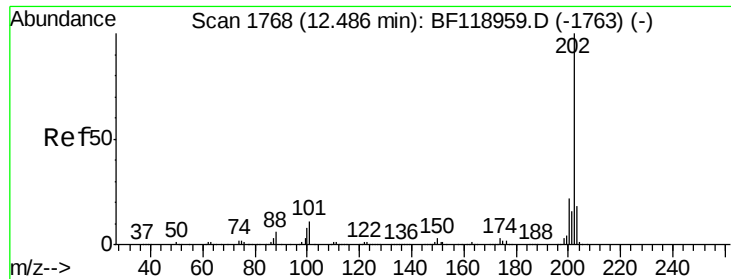


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 32.164 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

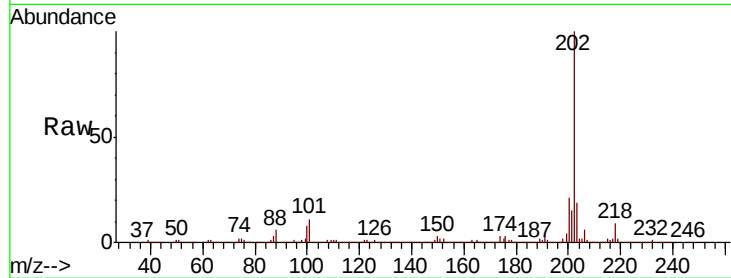
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1018277

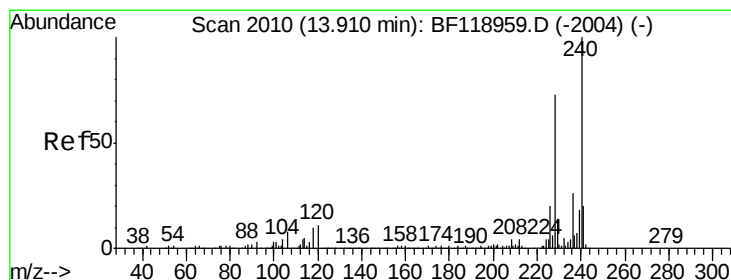
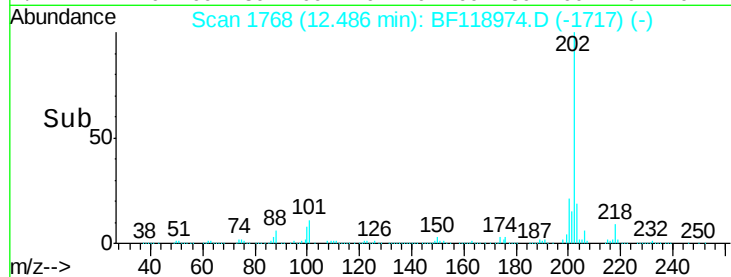
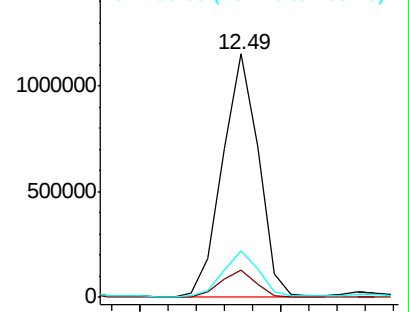
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	18.9	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

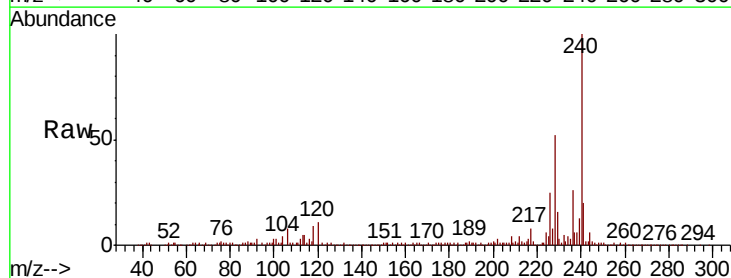
Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Tgt Ion:240 Resp: 401431

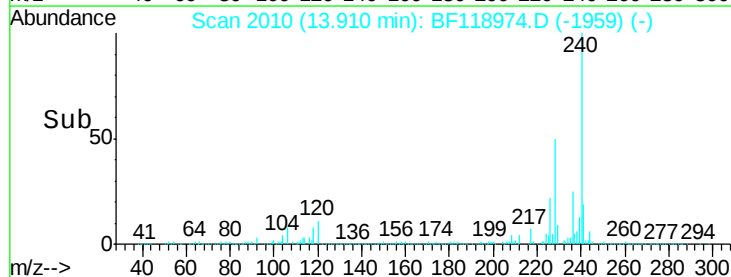
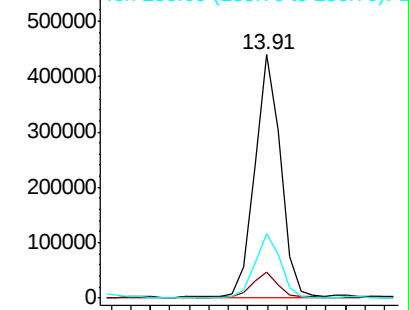
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	26.4	20.6	30.8

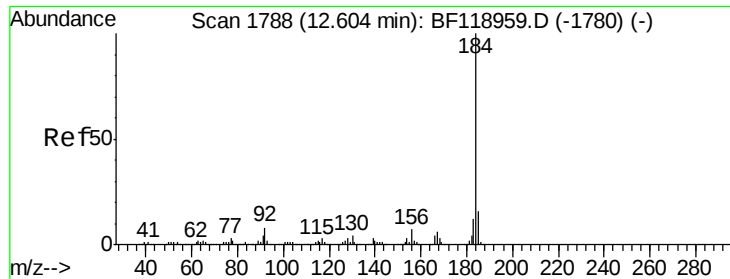


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.171 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampled :

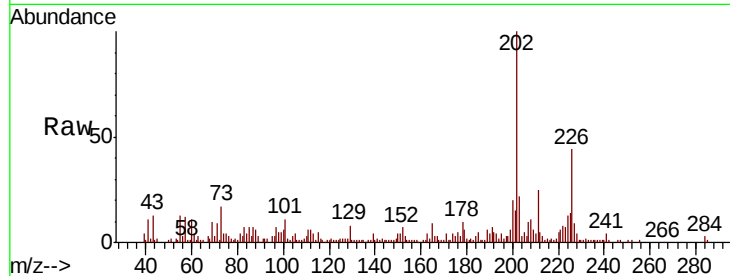
Tot Ion:184 Resp: 2790

Ion Ratio Lower Upper

184 100

185 189.0 12.6 19.0#

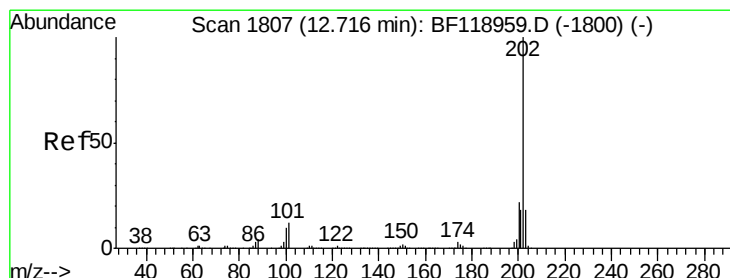
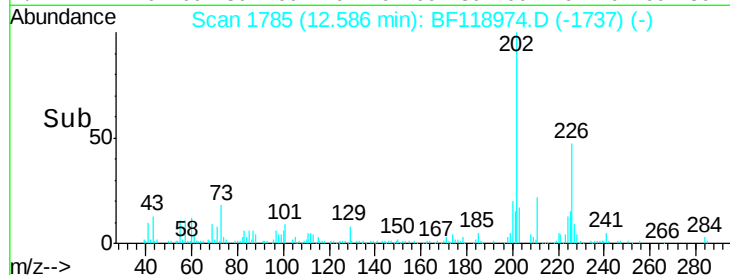
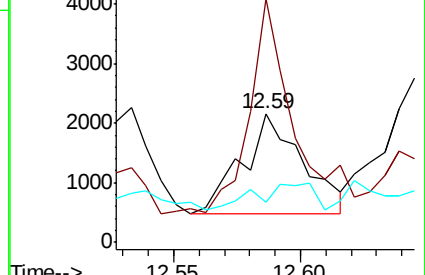
183 30.9 9.9 14.9#



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: 49.238 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

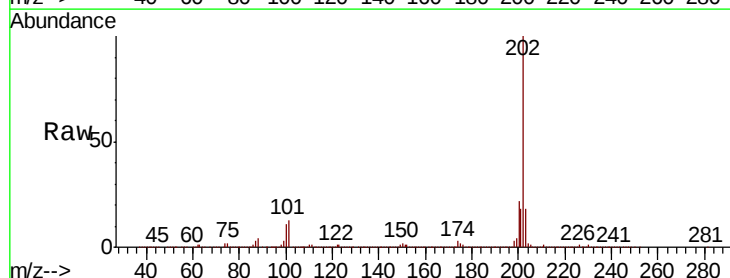
Tgt Ion:202 Resp: 1587171

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.0

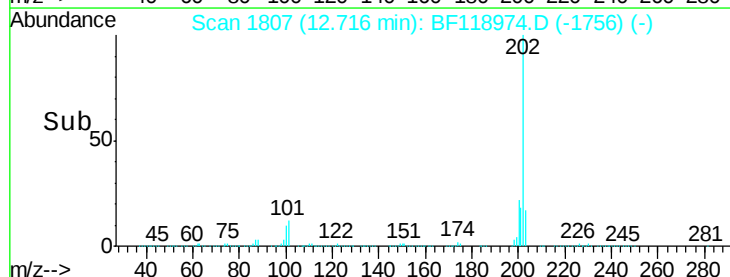
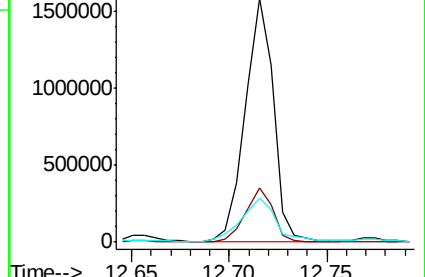
203 18.2 14.5 21.7

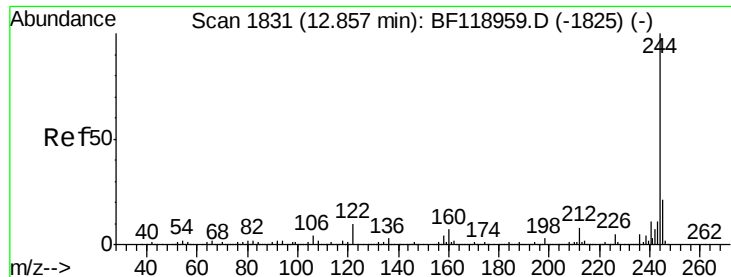


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.645 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

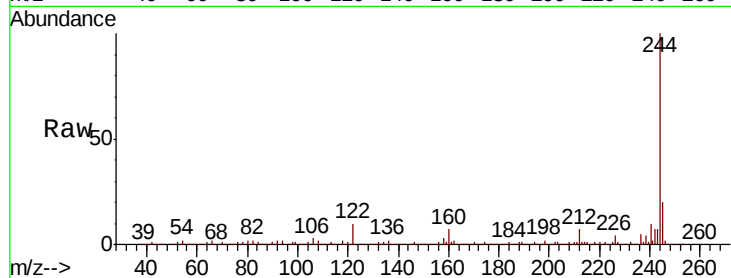
Tot Ion:244 Resp: 1460650

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

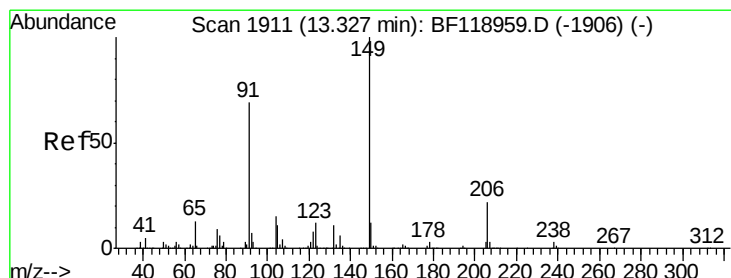
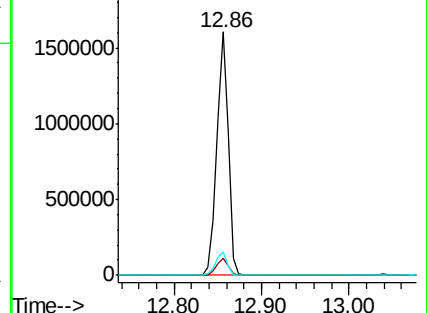
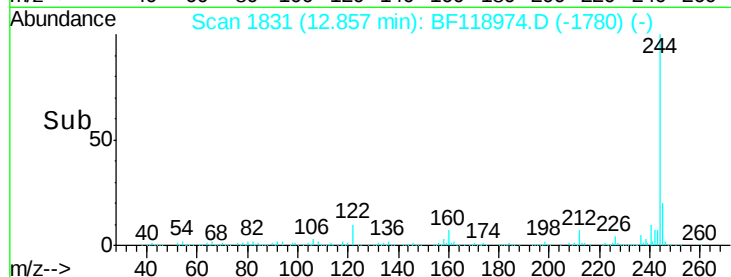
122 9.7 8.4 12.6



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: 0.043 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

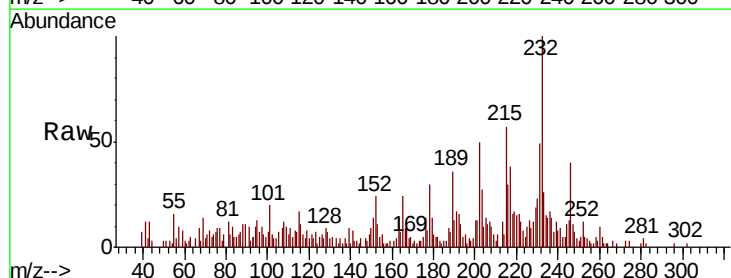
Tgt Ion:149 Resp: 579

Ion Ratio Lower Upper

149 100

91 165.4 55.4 83.2#

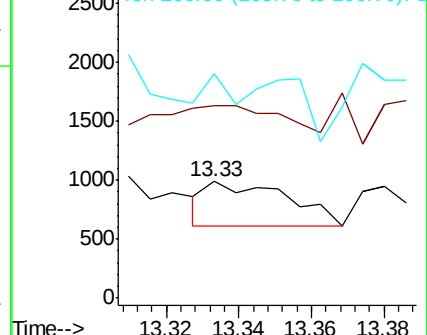
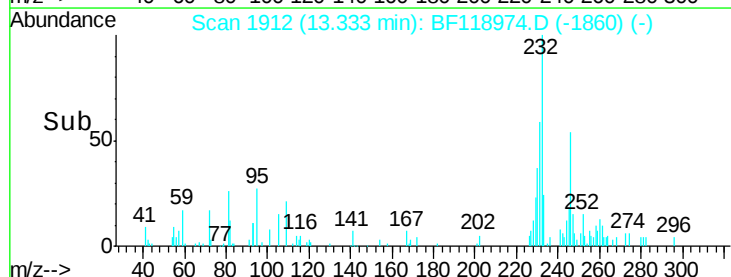
206 191.7 17.7 26.5#

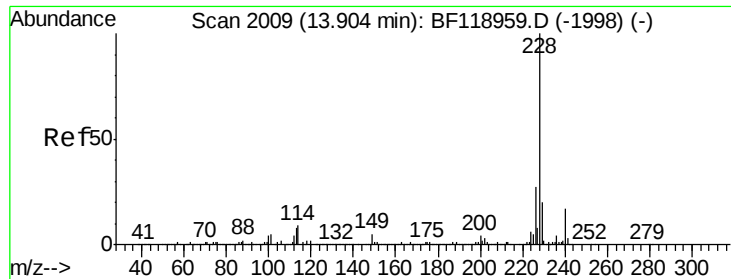


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 27.734 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.04 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

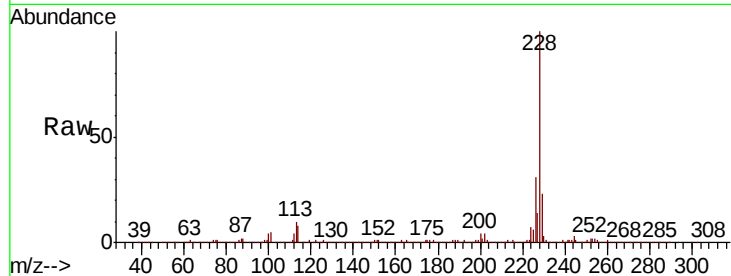
Tot Ion:228 Resp: 758595

Ion Ratio Lower Upper

228 100

226 31.4 21.8 32.8

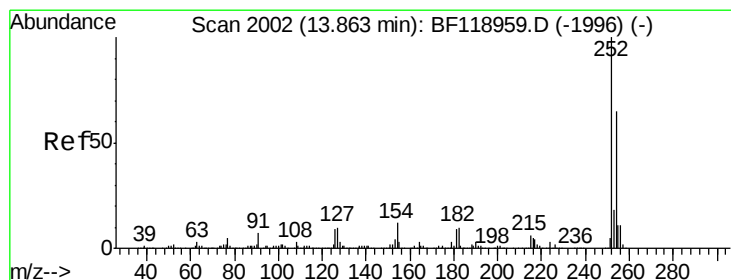
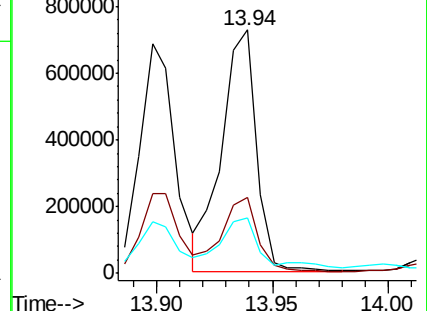
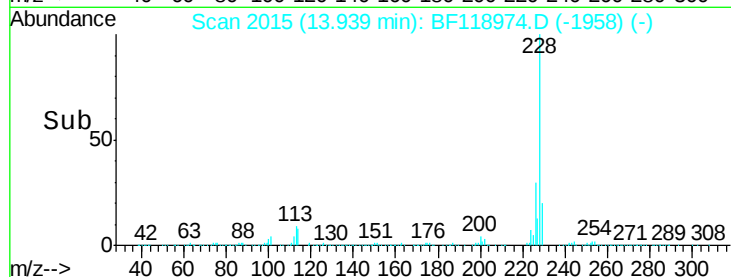
229 22.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.098 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

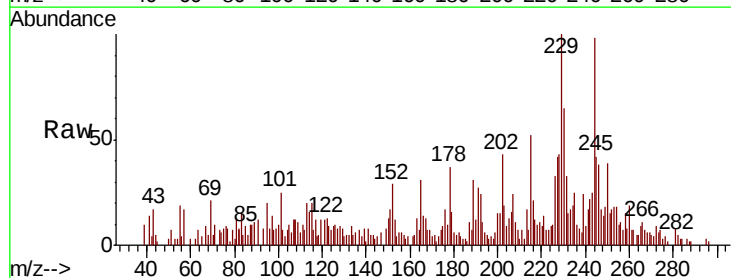
Tgt Ion:252 Resp: 1040

Ion Ratio Lower Upper

252 100

254 108.1 52.1 78.1#

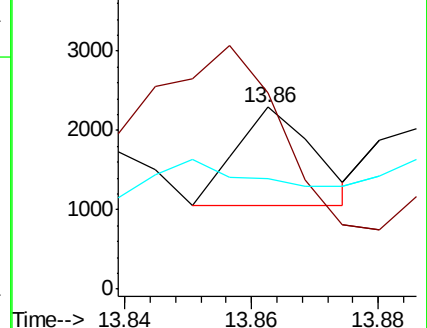
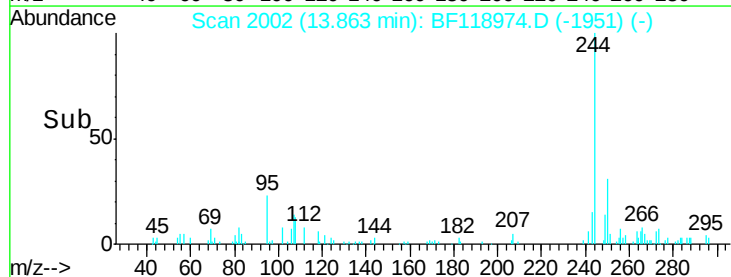
126 60.7 7.3 10.9#

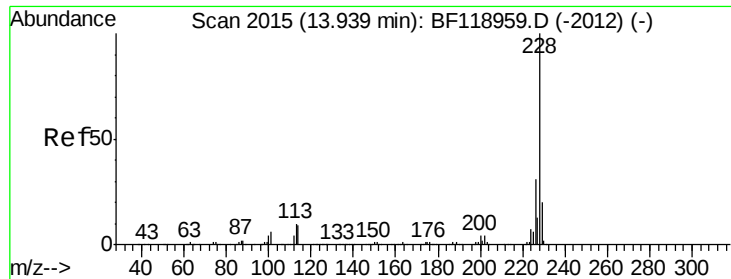


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 27.834 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

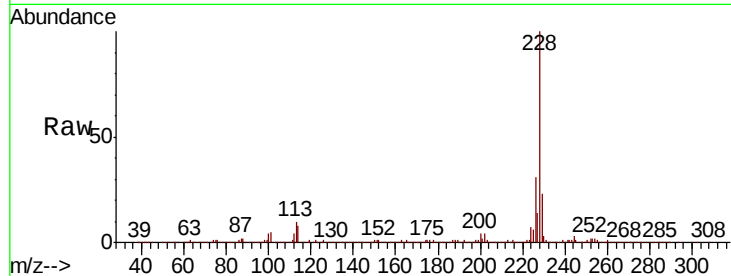
Tot Ion:228 Resp: 758595

Ion Ratio Lower Upper

228 100

226 31.4 24.6 37.0

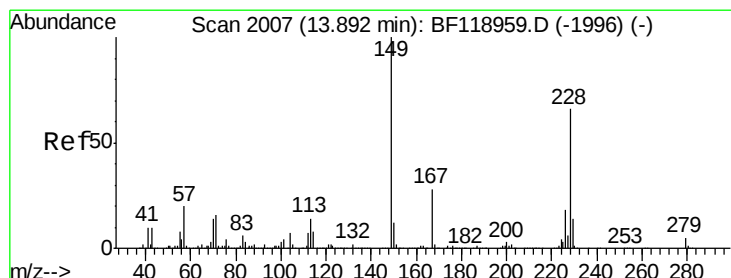
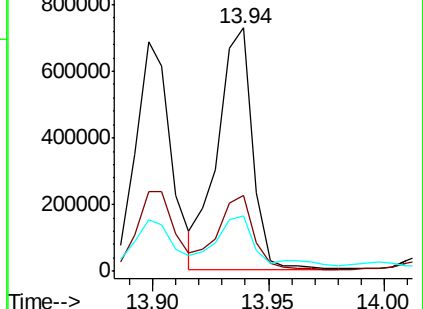
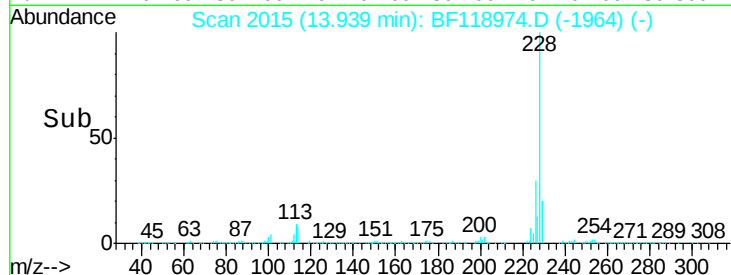
229 22.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.315 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

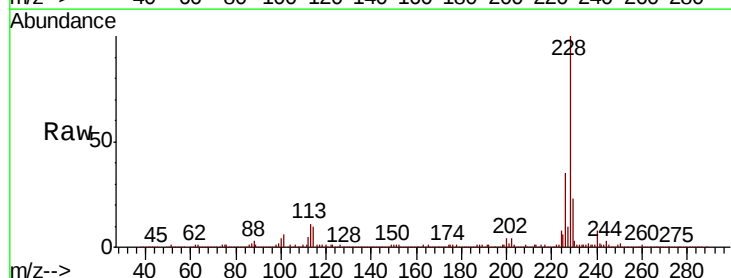
Tgt Ion:149 Resp: 5395

Ion Ratio Lower Upper

149 100

167 35.6 22.3 33.5#

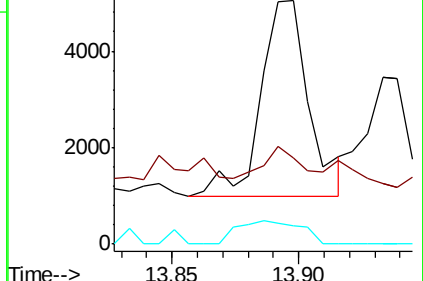
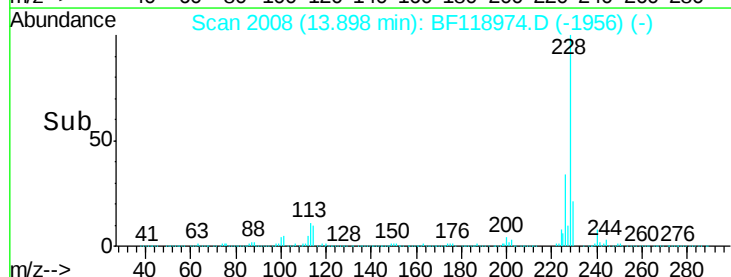
279 7.3 4.2 6.4#

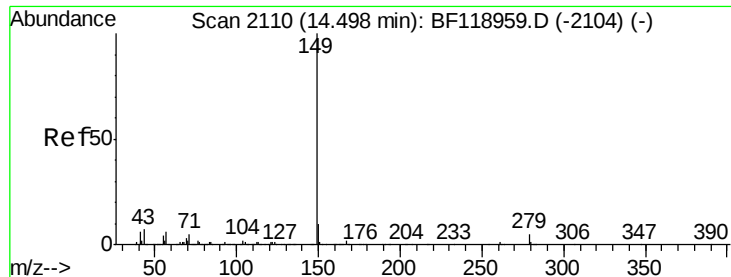


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.015 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

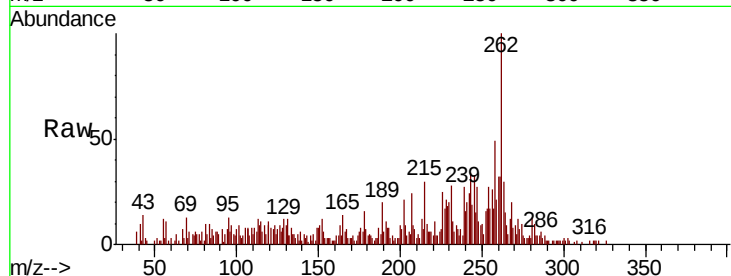
Tot Ion:149 Resp: 418

Ion Ratio Lower Upper

149 100

167 144.5 1.3 1.9#

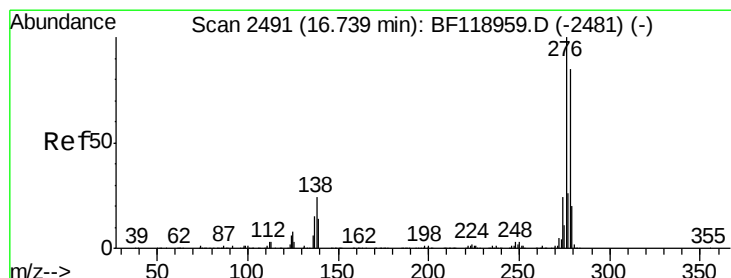
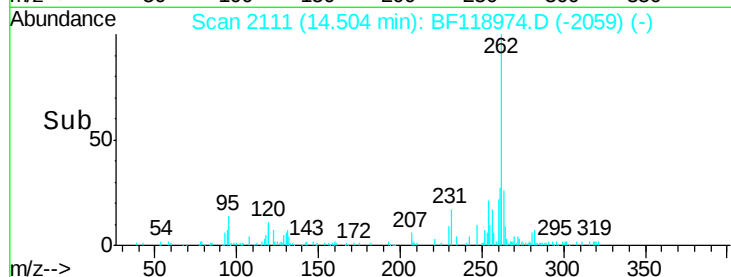
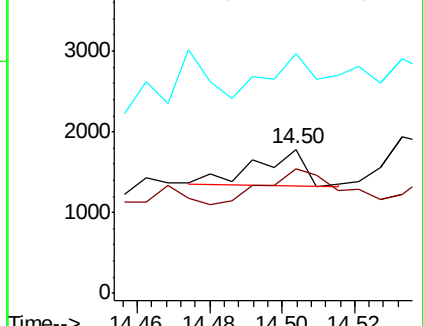
43 134.0 5.2 7.8#



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: 9.930 ng

RT: 16.74 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

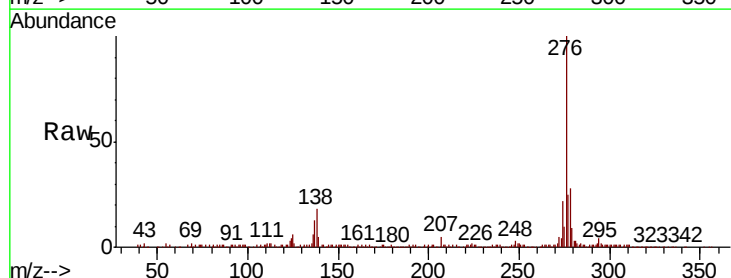
Tgt Ion:276 Resp: 262045

Ion Ratio Lower Upper

276 100

138 19.3 18.7 28.1

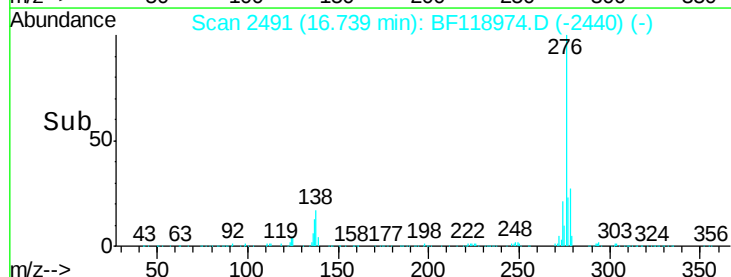
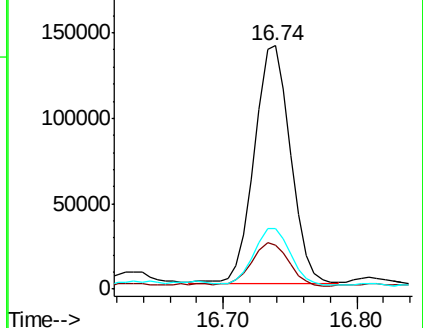
277 24.8 20.3 30.5

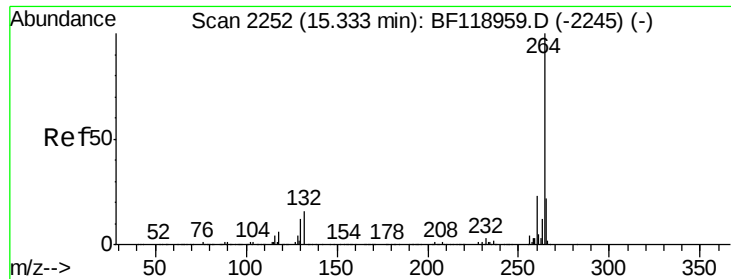


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.34 min Scan# 2253

Delta R.T. 0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

Instrument :

BNA_F

ClientSampleId :

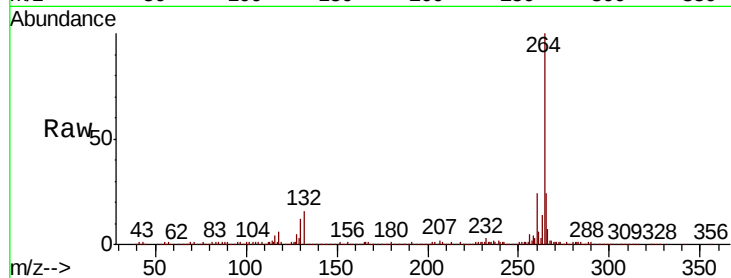
Tot Ion:264 Resp: 440479

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 24.3 17.3 25.9

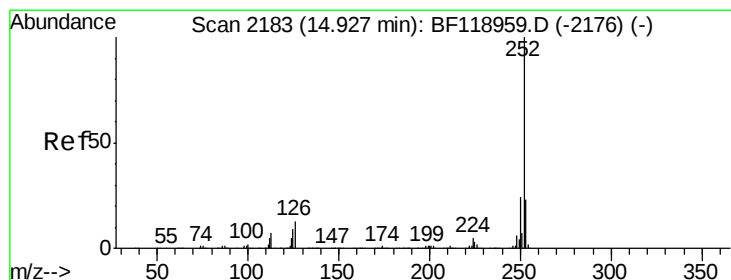
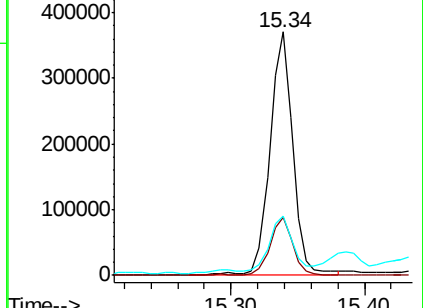
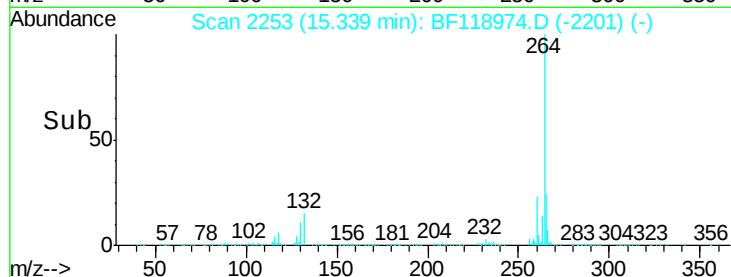


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



#88

Benzo(b)fluoranthene

Concen: 27.255 ng

RT: 14.93 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BF118974.D

Acq: 20 Feb 2020 22:42

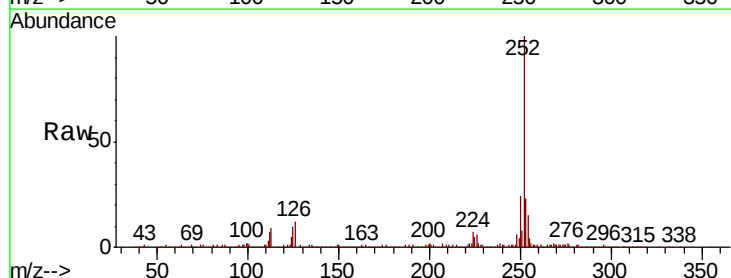
Tgt Ion:252 Resp: 791331

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

125 10.4 7.4 11.0

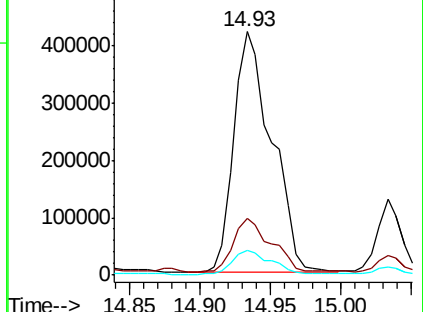
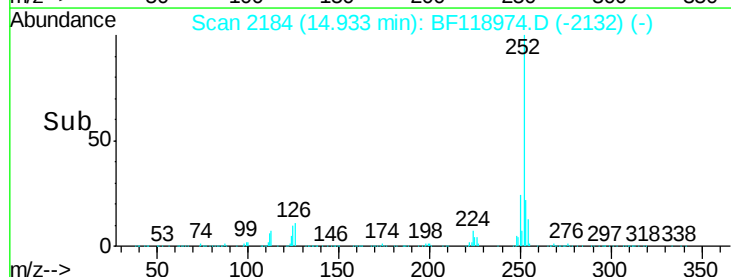


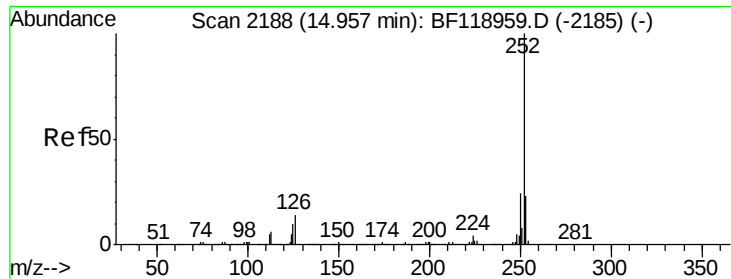
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->

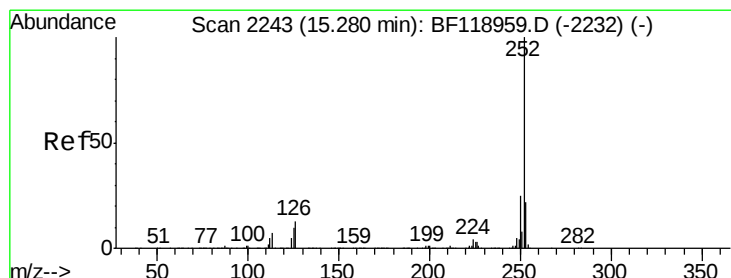
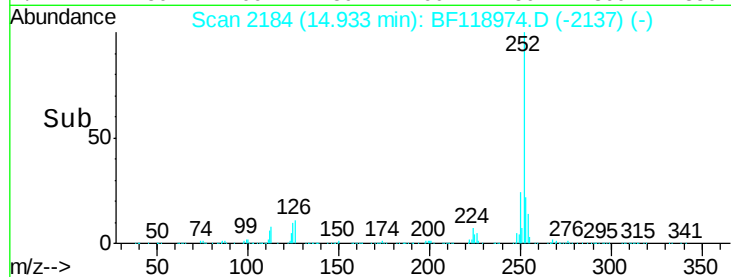
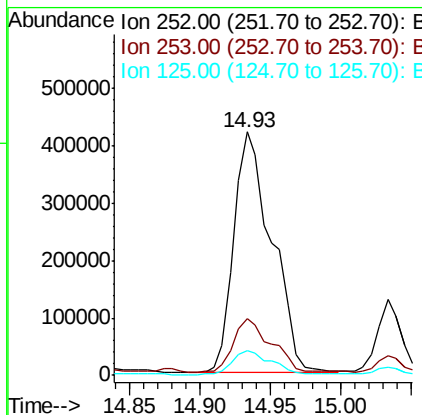
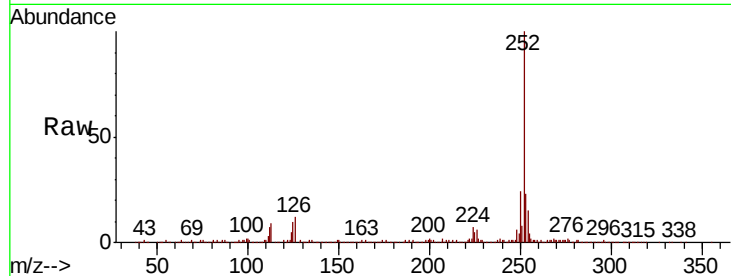




#89
Benzo(k)fluoranthene
Concen: 29.411 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

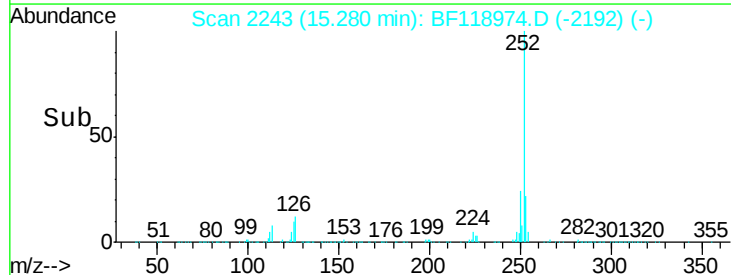
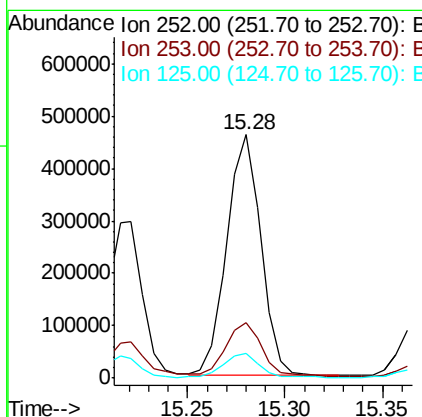
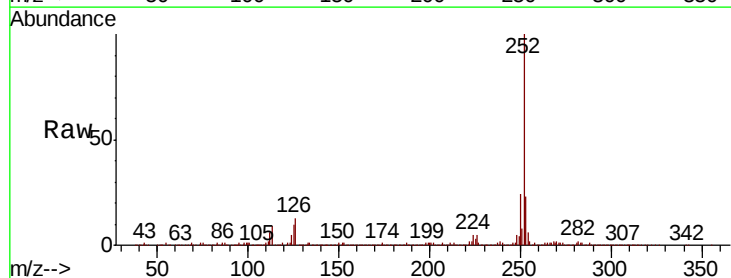
Instrument :
BNA_F
ClientSampleId :

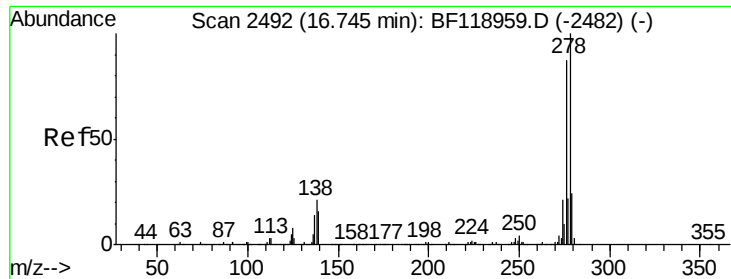
Tot Ion:252 Resp: 791331
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 21.385 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Tgt Ion:252 Resp: 560365
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 10.0 7.8 11.6

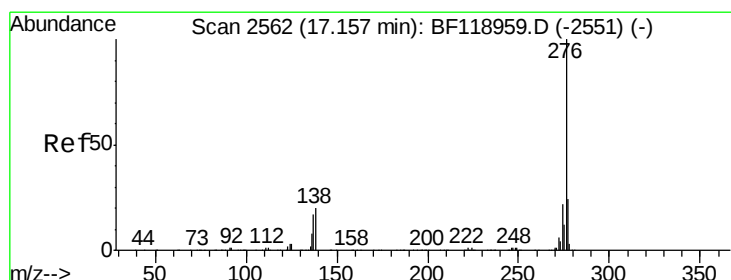
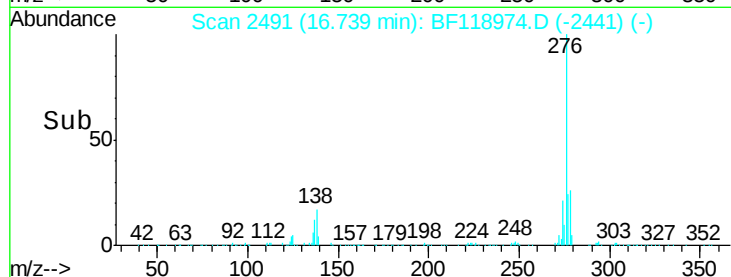
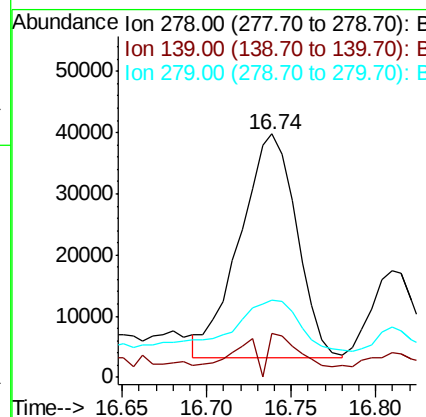
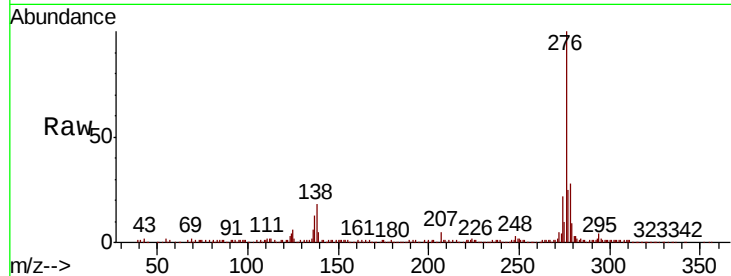




#91
Dibenzo(a,h)anthracene
Concen: 3.703 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 85388
Ion Ratio Lower Upper
278 100
139 18.3 12.6 18.8
279 31.7 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 11.750 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF118974.D
Acq: 20 Feb 2020 22:42

Tgt Ion:276 Resp: 267674
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 20.0 16.2 24.4

