

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112556.D
 Acq On : 14 Feb 2019 1:48
 Operator : JU/SJ
 Sample : K1421-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-640

Quant Time: Feb 14 04:18:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	97607	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	344802	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	133223	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	220664	20.00	ng	0.00
76) Chrysene-d12	14.02	240	178907	20.00	ng	0.00
87) Perylene-d12	15.50	264	121849	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	201612	43.87	ng	0.00
7) Phenol-d6	6.49	99	157841	24.72	ng	0.00
23) Nitrobenzene-d5	7.40	82	499203	83.42	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	117604	75.84	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	894423	94.95	ng	-0.01
79) Terphenyl-d14	12.95	244	733557	77.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.29	42	768	0.393	ng	# 1
6) Aniline	6.51	93	1947	0.256	ng	# 1
9) Benzaldehyde	6.40	77	2914	0.873	ng	# 86
10) Phenol	6.50	94	23737	3.388	ng	# 88
11) bis(2-Chloroethyl)ether	6.56	93	145	0.026	ng	# 22
15) Benzyl Alcohol	6.99	79	12022	2.233	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	7.12	45	783	0.111	ng	# 63
17) 2-Methylphenol	7.19	107	392	0.080	ng	# 7
18) Hexachloroethane	7.37	117	315	0.121	ng	# 1
19) n-Nitroso-di-n-propylamine	7.23	70	5031	1.143	ng	# 54
20) 3+4-Methylphenols	7.27	107	12868	2.053	ng	# 58
22) Acetophenone	7.25	105	7140	0.850	ng	# 91
24) Nitrobenzene	7.40	77	2417	0.404	ng	# 33
25) Isophorone	7.40	82	499197	53.175	ng	# 64
26) 2-Nitrophenol	7.73	139	885	0.277	ng	# 39
27) 2,4-Dimethylphenol	7.91	122	26155	5.944	ng	# 10
28) bis(2-Chloroethoxy)methane	7.83	93	1672	0.262	ng	# 74
31) Naphthalene	8.14	128	3037	0.188	ng	# 83
32) Benzoic acid	7.91	122	26155	10.420	ng	# 98
33) 4-Chloroaniline	8.20	127	112	0.016	ng	# 48
35) Caprolactam	8.57	113	1456	0.838	ng	# 1
36) 4-Chloro-3-methylphenol	8.68	107	446	0.086	ng	# 17
37) 2-Methylnaphthalene	8.83	142	1144	0.104	ng	# 53
38) 1-Methylnaphthalene	8.93	142	925	0.087	ng	# 92
46) 1,1'-Biphenyl	9.29	154	1611	0.138	ng	# 84
47) 2-Chloronaphthalene	9.12	162	1729	0.191	ng	# 64
48) 2-Nitroaniline	9.43	65	884	0.359	ng	# 1
49) Acenaphthylene	9.74	152	140	0.011	ng	# 59
50) Dimethylphthalate	9.59	163	25089	2.424	ng	# 99
51) 2,6-Dinitrotoluene	9.62	165	691	0.298	ng	# 1
52) Acenaphthene	9.87	154	405	0.051	ng	# 5
53) 3-Nitroaniline	9.93	138	280	0.111	ng	# 1
56) 4-Nitrophenol	9.99	139	855	0.644	ng	# 42
57) 2,4-Dinitrotoluene	9.87	165	16807	5.695	ng	# 33

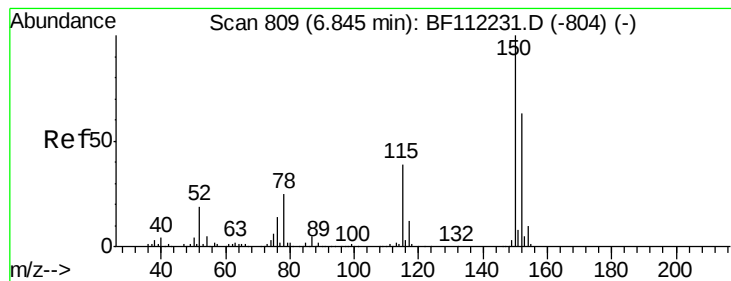
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112556.D
 Acq On : 14 Feb 2019 1:48
 Operator : JU/SJ
 Sample : K1421-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-640

Quant Time: Feb 14 04:18:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	10.43	166	264	0.029	ng	# 76
60) Diethylphthalate	10.28	149	17521	1.706	ng	98
62) 4-Nitroaniline	10.46	138	263	0.107	ng	# 63
63) Azobenzene	10.58	77	1317	0.146	ng	# 63
65) 4,6-Dinitro-2-methylphenol	10.67	198	135	0.109	ng	# 1
66) n-Nitrosodiphenylamine	10.53	169	356	0.048	ng	# 76
67) 4-Bromophenyl-phenylether	10.67	248	7217	2.781	ng	# 1
71) Phenanthrene	11.39	178	1507	0.131	ng	# 69
72) Anthracene	11.45	178	257	0.022	ng	# 60
73) Carbazole	11.60	167	307	0.027	ng	# 9
74) Di-n-butylphthalate	11.91	149	10351	0.740	ng	# 96
75) Fluoranthene	12.59	202	1731	0.141	ng	# 40
77) Benzidine	12.53	184	486	0.099	ng	# 7
78) Pyrene	12.82	202	2669	0.215	ng	# 86
80) Butylbenzylphthalate	13.41	149	4822	0.805	ng	# 83
81) Benzo(a)anthracene	14.01	228	1235	0.117	ng	# 42
82) 3,3'-Dichlorobenzidine	13.97	252	139	0.035	ng	# 1
83) Chrysene	14.04	228	1394	0.139	ng	# 93
84) Bis(2-ethylhexyl)phthalate	13.97	149	14941	1.756	ng	92
85) Di-n-octyl phthalate	14.58	149	2535	0.194	ng	# 68
86) Indeno(1,2,3-cd)pyrene	17.02	276	311	0.039	ng	# 1
88) Benzo(b)fluoranthene	15.07	252	1353	0.186	ng	# 1
89) Benzo(k)fluoranthene	15.09	252	1178	0.169	ng	# 1
90) Benzo(a)pyrene	15.44	252	469	0.072	ng	# 1
91) Dibenzo(a,h)anthracene	17.03	278	116	0.022	ng	# 1
92) Benzo(g,h,i)perylene	17.47	276	608	0.122	ng	# 51

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

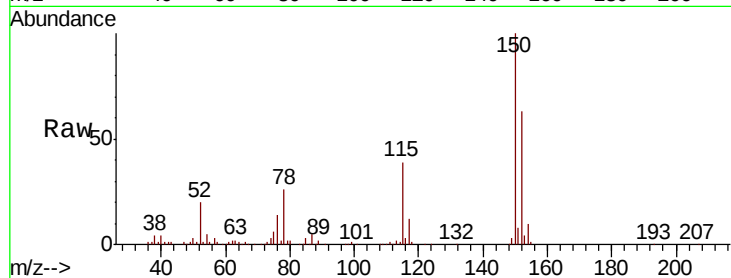


#1

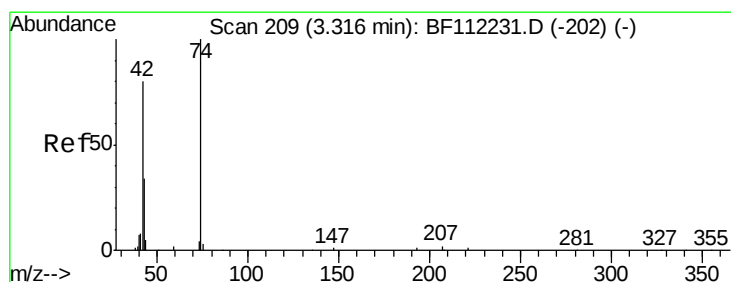
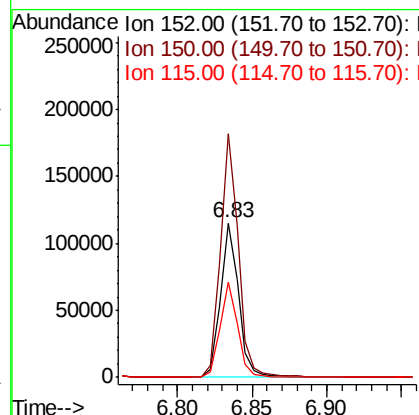
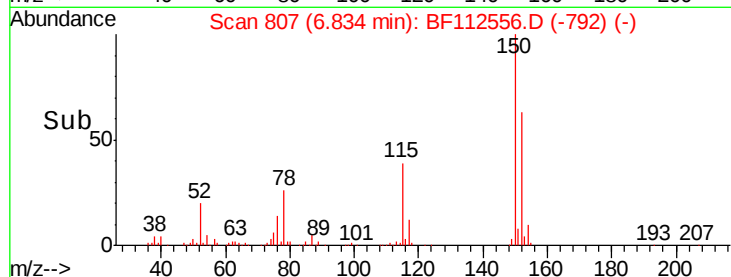
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Instrument :
BNA_F
ClientSampleId :
HP-640

Tgt Ion:152 Resp: 97607
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 61.7 45.5 68.3



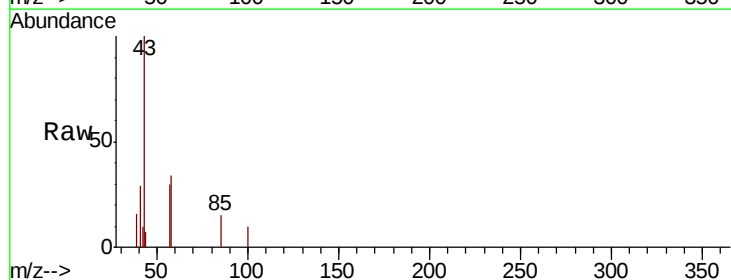
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



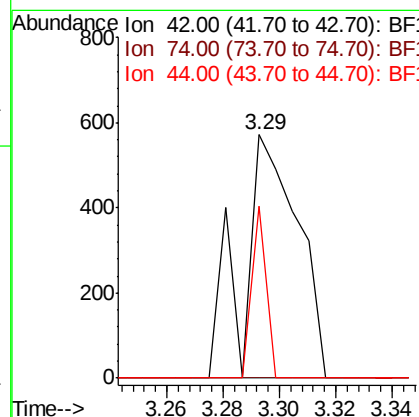
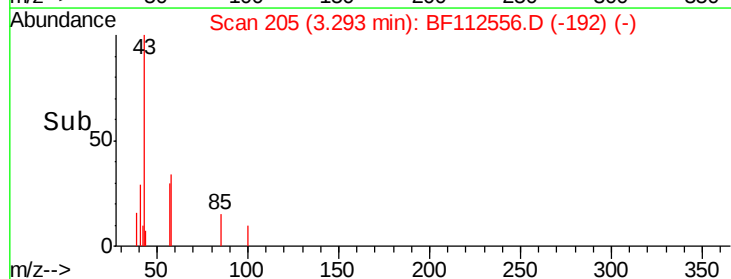
#4

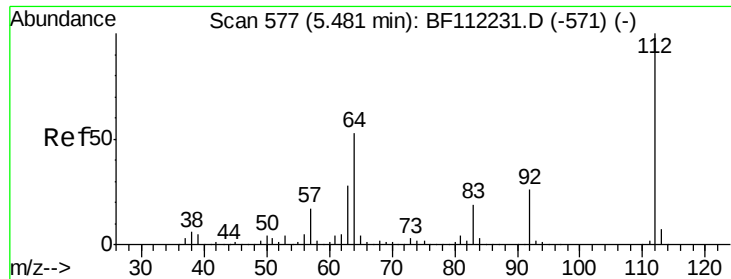
n-Nitrosodimethylamine
Concen: 0.393 ng
RT: 3.29 min Scan# 205
Delta R.T. -0.02 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion: 42 Resp: 768
Ion Ratio Lower Upper
42 100
74 0.0 105.6 158.4#
44 70.8 5.4 8.2#



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





#5

2-Fluorophenol

Concen: 43.874 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

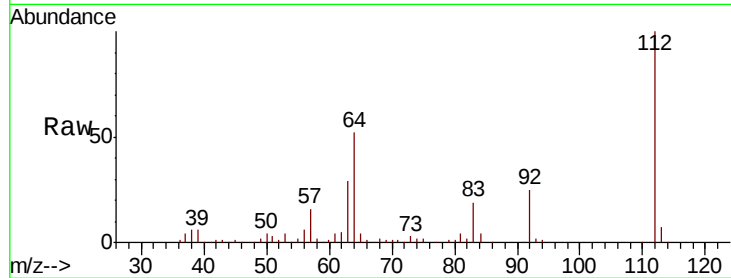
Tgt Ion: 112 Resp: 201612

Ion Ratio Lower Upper

112 100

64 52.3 45.7 68.5

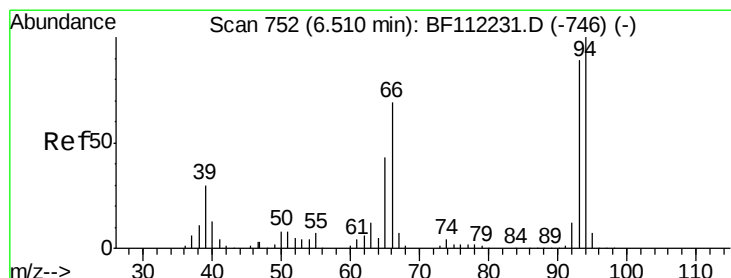
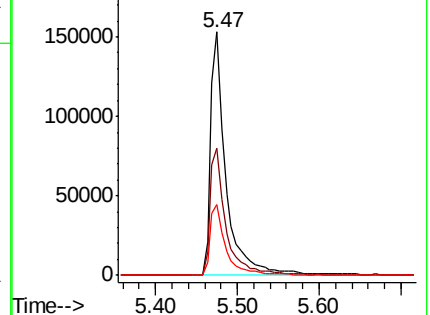
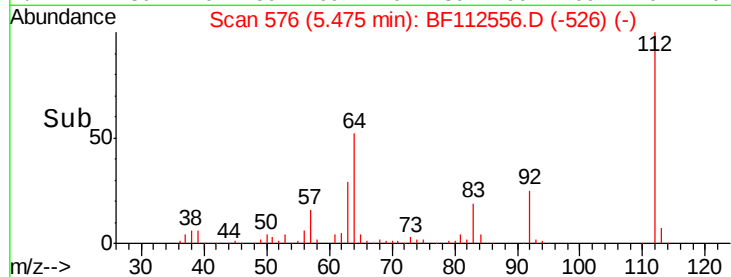
63 29.3 23.6 35.4



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: 0.256 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

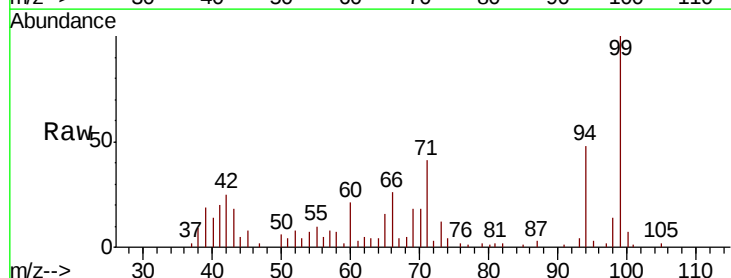
Tgt Ion: 93 Resp: 1947

Ion Ratio Lower Upper

93 100

66 748.7 43.4 65.2#

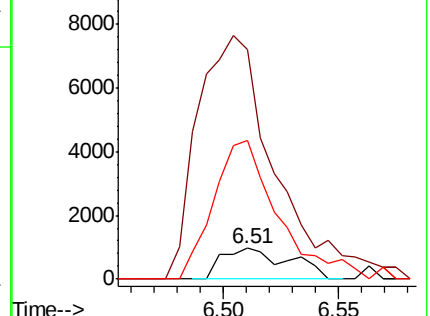
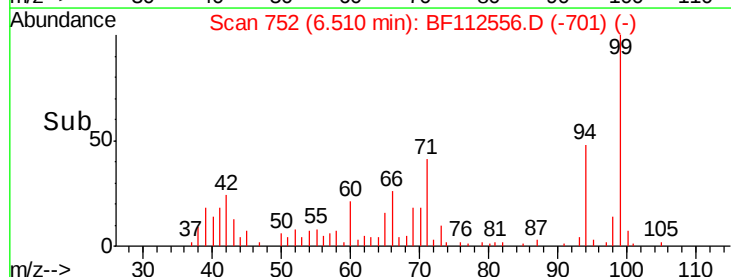
65 450.4 25.3 37.9#

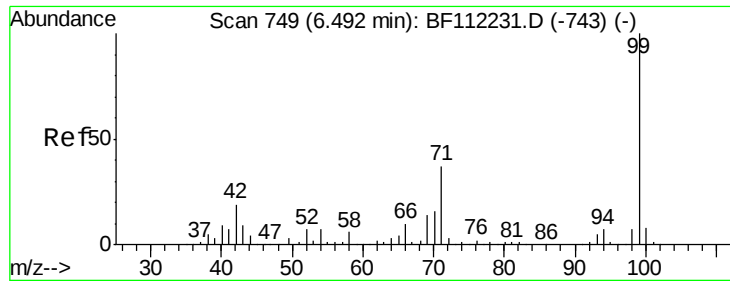


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 24.719 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampled :

HP-640

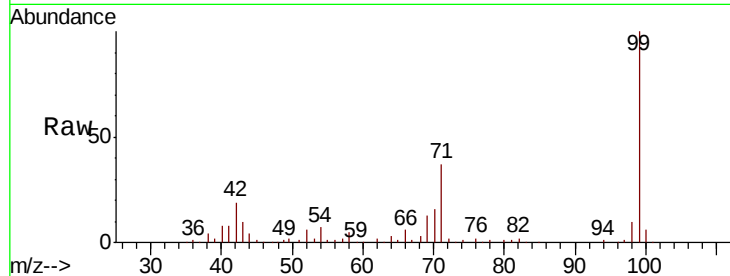
Tgt Ion: 99 Resp: 157841

Ion Ratio Lower Upper

99 100

42 19.0 15.1 22.7

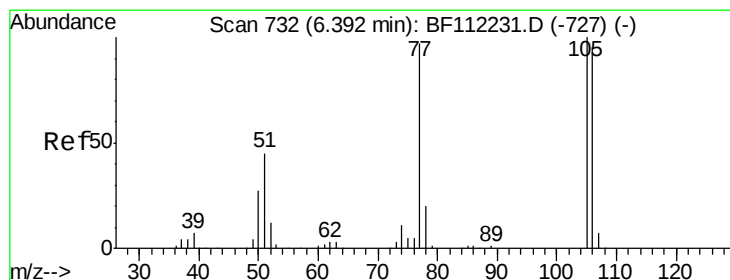
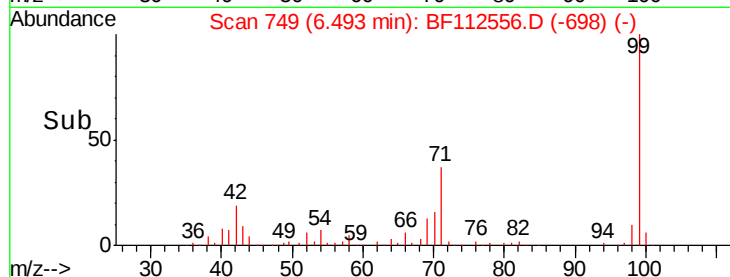
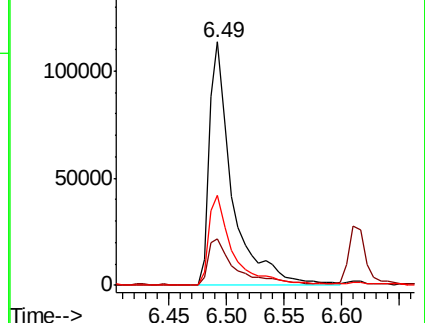
71 37.2 26.9 40.3



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: 0.873 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

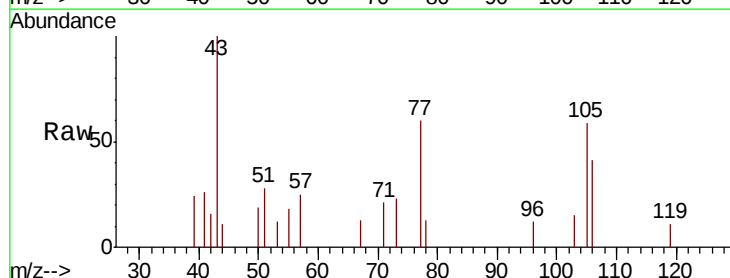
Tgt Ion: 77 Resp: 2914

Ion Ratio Lower Upper

77 100

105 99.0 80.8 120.8

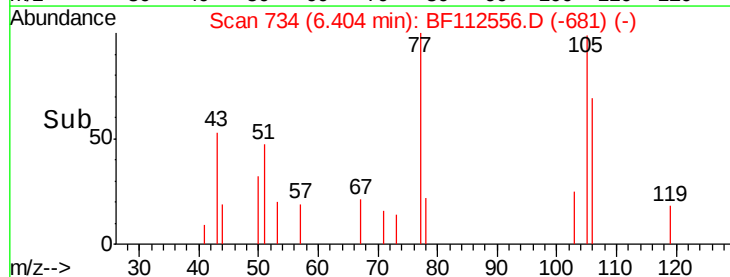
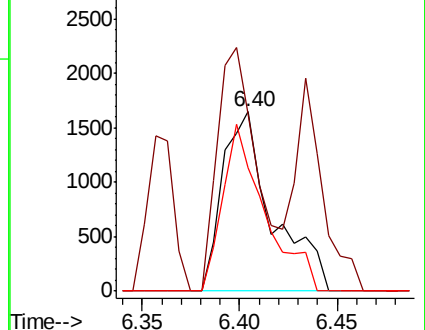
106 68.6 75.7 115.7#

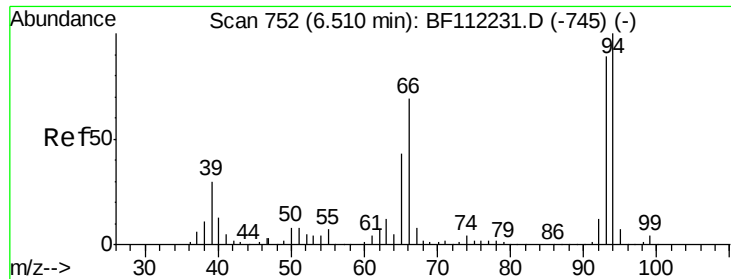


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.388 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

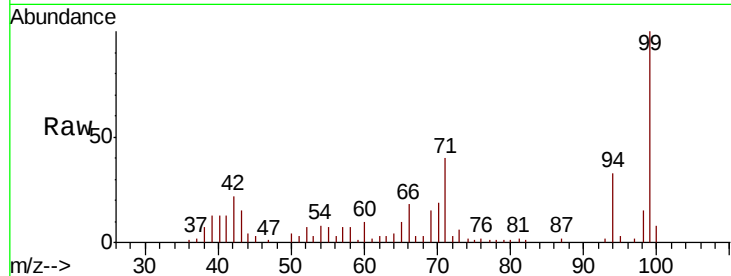
Tgt Ion: 94 Resp: 23737

Ion Ratio Lower Upper

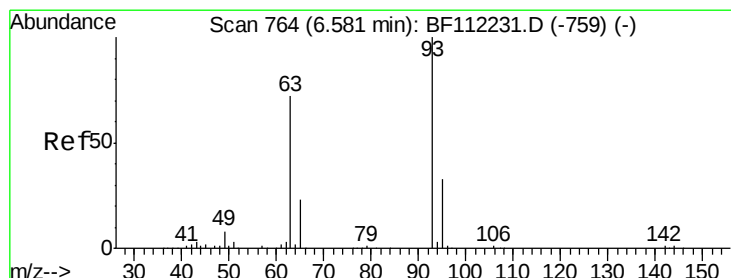
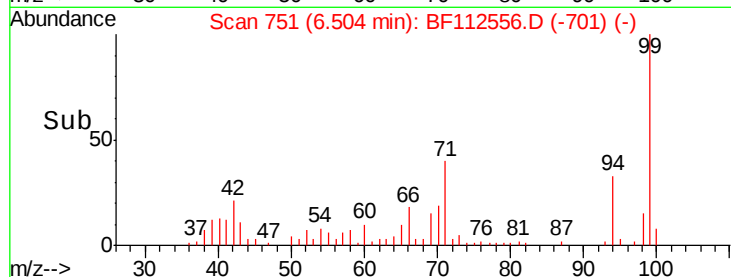
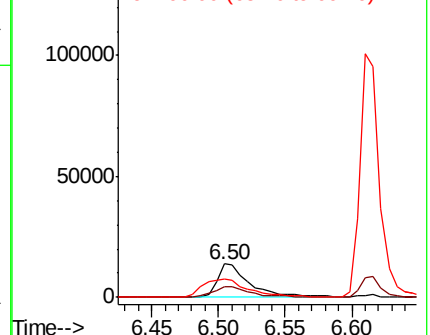
94 100

65 30.5 20.3 60.3

66 55.4 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.026 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

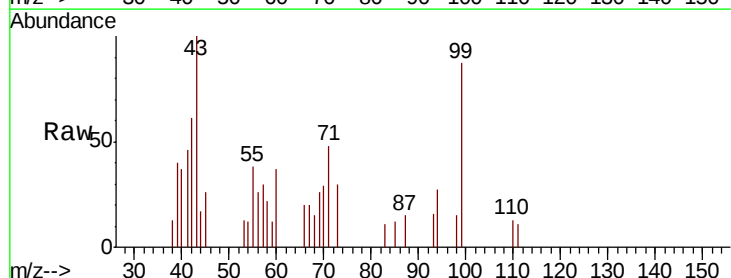
Tgt Ion: 93 Resp: 145

Ion Ratio Lower Upper

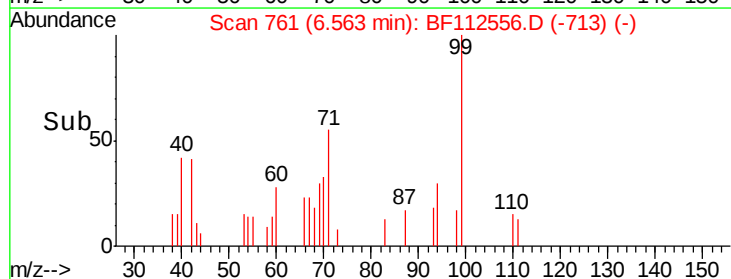
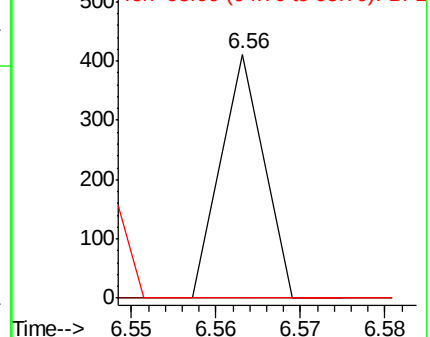
93 100

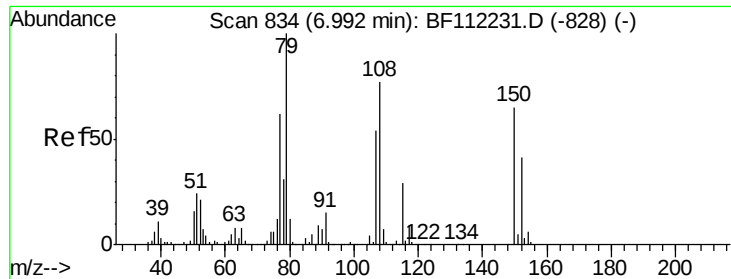
63 0.0 53.3 93.3#

95 0.0 13.4 53.4#



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: 2.233 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

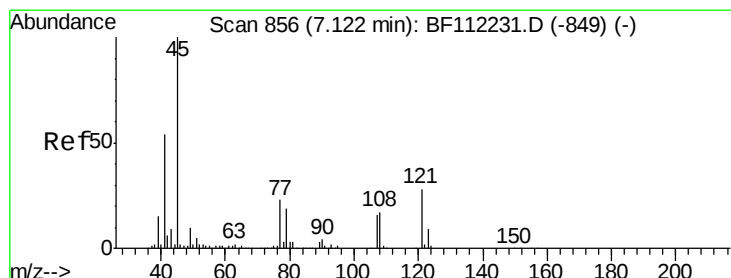
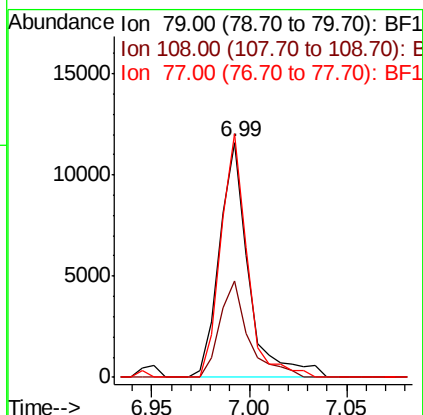
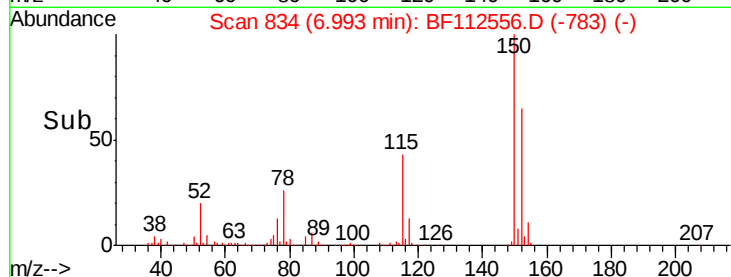
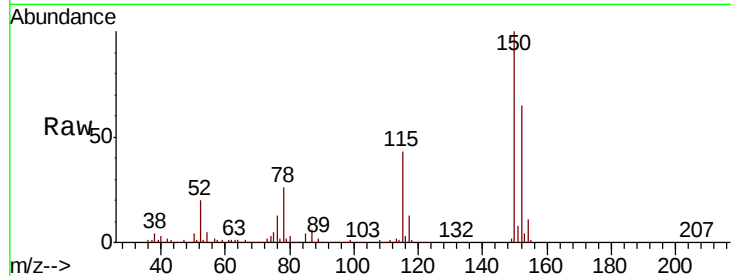
Tgt Ion: 79 Resp: 12022

Ion Ratio Lower Upper

79 100

108 41.0 64.2 96.2#

77 103.6 50.3 75.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.111 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

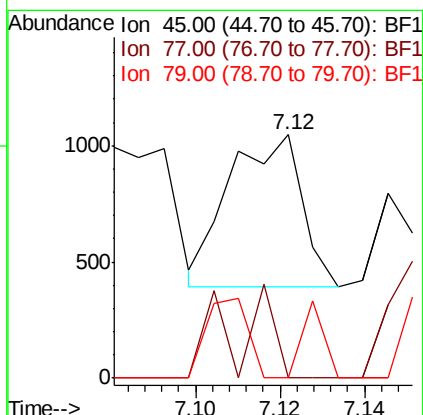
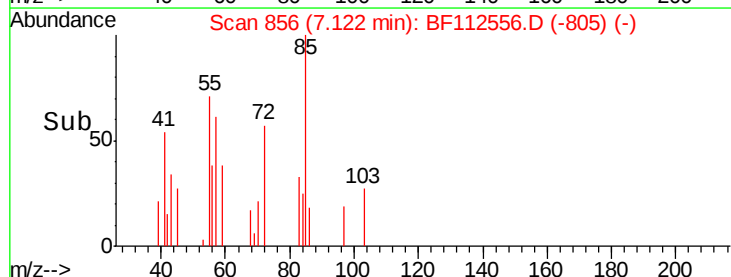
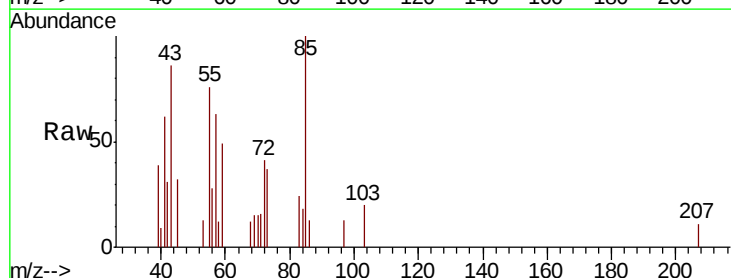
Tgt Ion: 45 Resp: 783

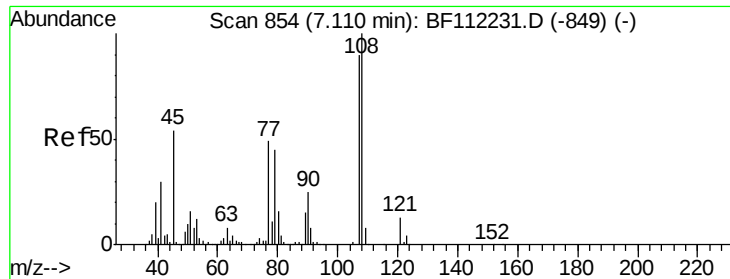
Ion Ratio Lower Upper

45 100

77 0.0 0.0 36.9

79 0.0 0.0 34.0

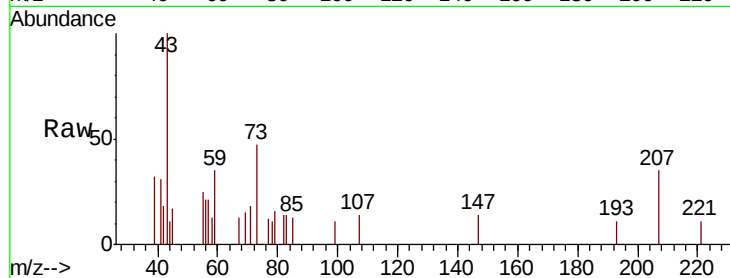




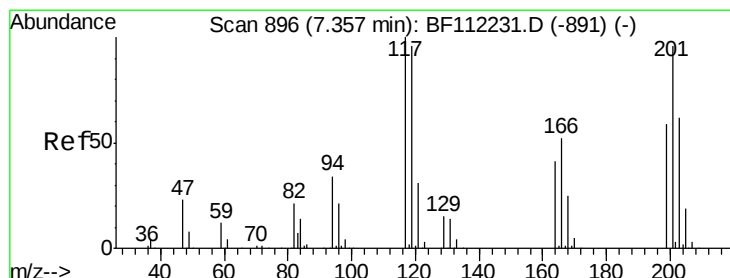
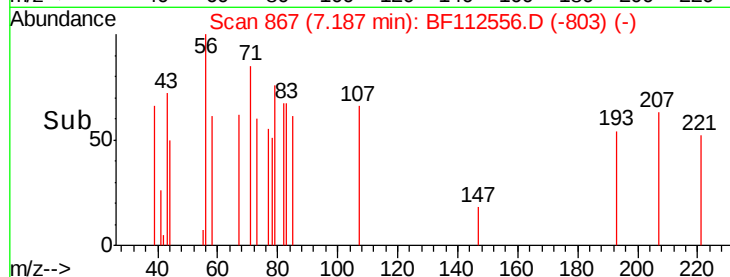
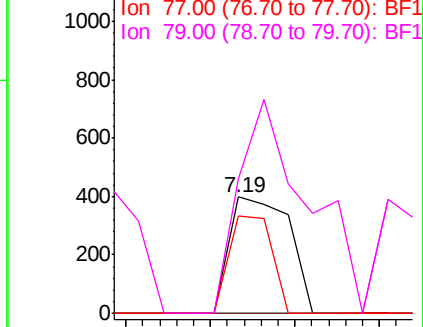
#17
2-Methylphenol
Concen: 0.080 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.08 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Instrument :
BNA_F
ClientSampleId :
HP-640

Tgt Ion:107 Resp: 392
Ion Ratio Lower Upper
107 100
108 0.0 91.3 136.9#
77 84.0 39.0 58.6#
79 115.5 37.0 55.4#

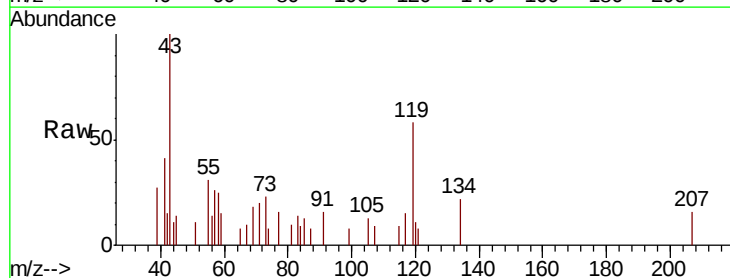


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

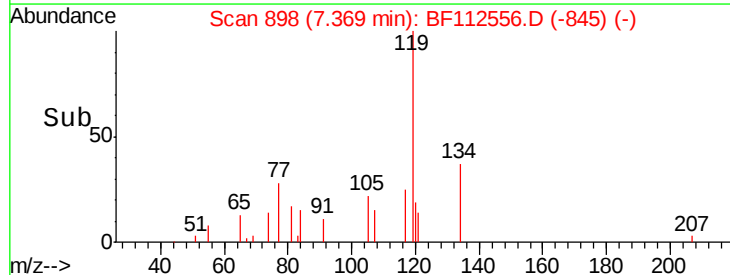
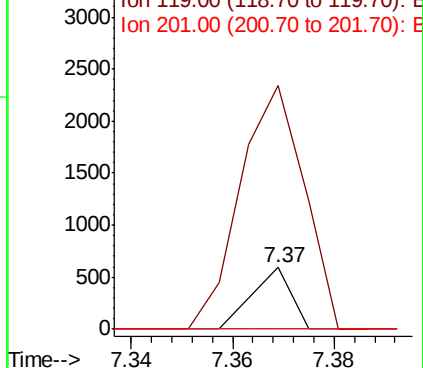


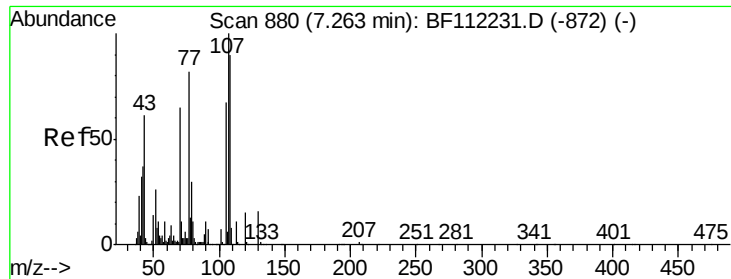
#18
Hexachloroethane
Concen: 0.121 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion:117 Resp: 315
Ion Ratio Lower Upper
117 100
119 397.5 77.0 115.4#
201 0.0 74.1 111.1#



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

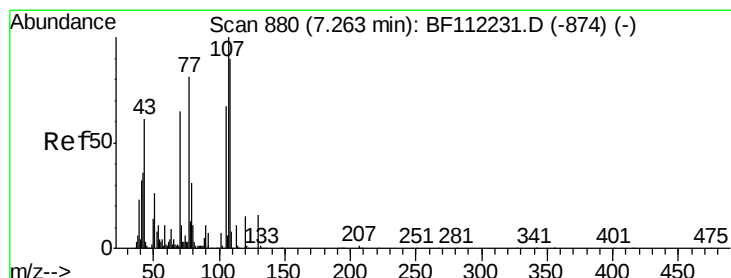
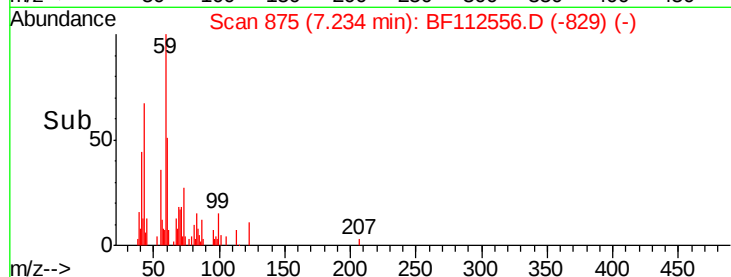
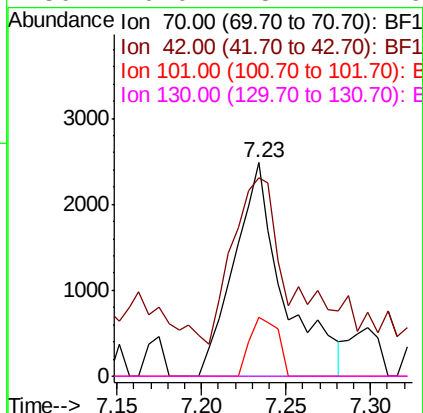
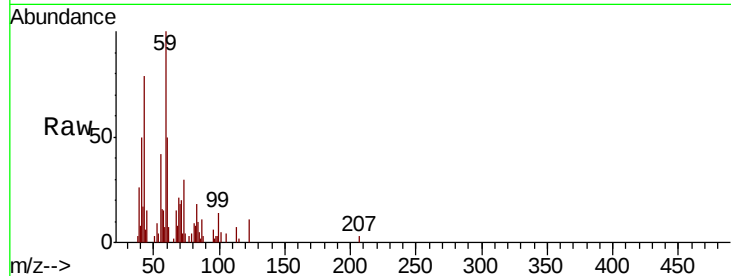




#19
n-Nitroso-di-n-propylamine
Concen: 1.143 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

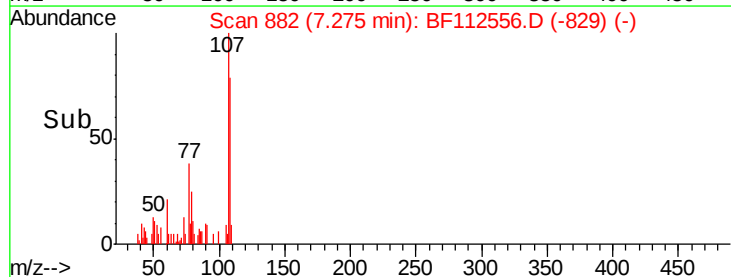
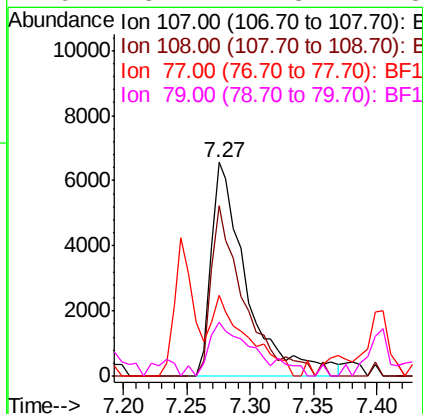
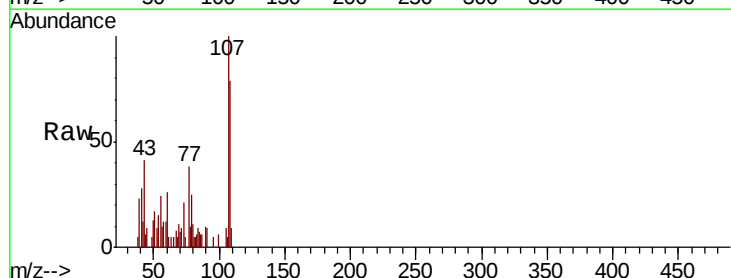
Instrument :
BNA_F
ClientSampleId :
HP-640

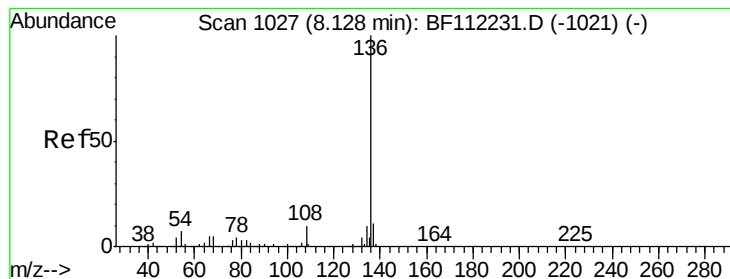
Tgt Ion:	70	Resp:	5031
Ion	Ratio	Lower	Upper
70	100		
42	93.0	47.6	71.4#
101	27.7	7.9	11.9#
130	0.0	18.4	27.6#



#20
3+4-Methylphenols
Concen: 2.053 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion:	107	Resp:	12868
Ion	Ratio	Lower	Upper
107	100		
108	79.4	68.2	108.2
77	38.0	100.7	140.7#
79	25.2	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

Tgt Ion:136 Resp: 344802

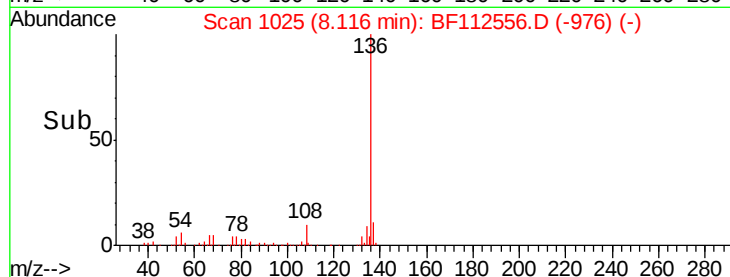
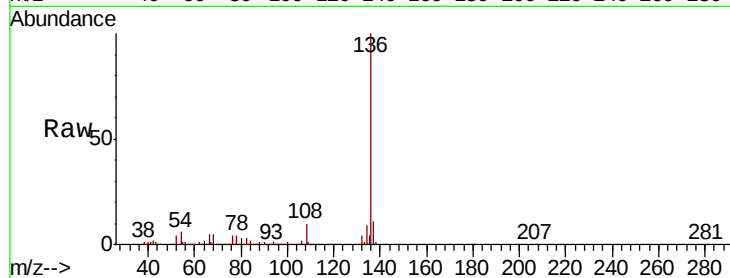
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.3 5.9 8.9

68 5.0 5.1 7.7#



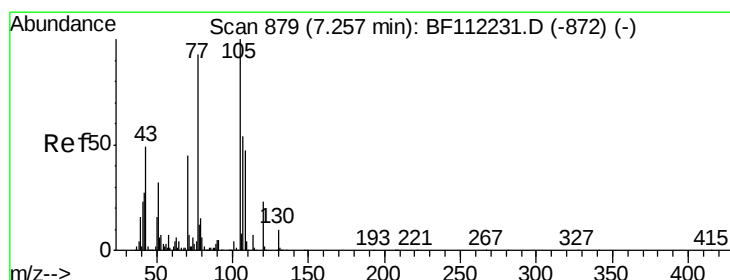
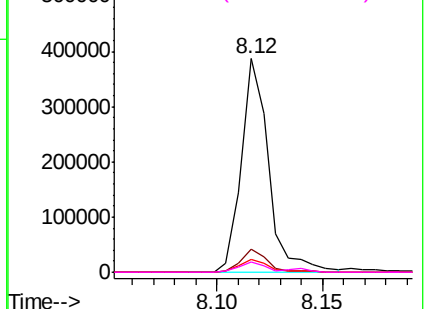
Abundance

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: 0.850 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Tgt Ion:105 Resp: 7140

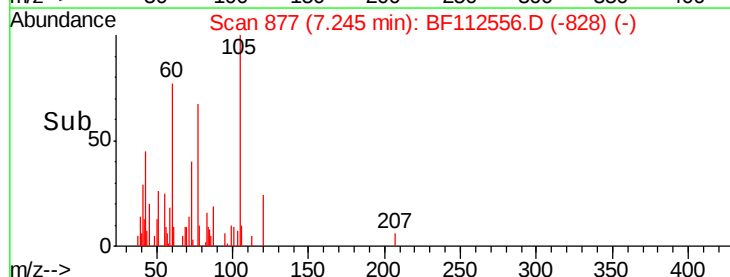
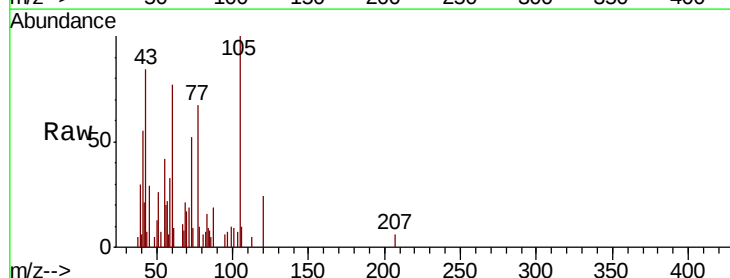
Ion Ratio Lower Upper

105 100

71 19.4 4.6 6.8#

51 25.9 25.0 37.6

120 24.3 19.0 28.4



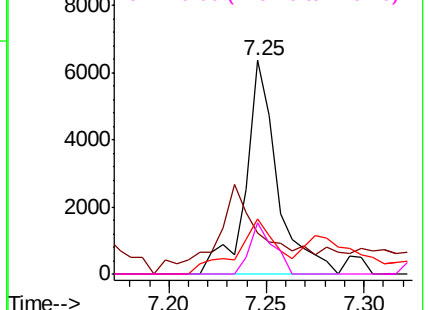
Abundance

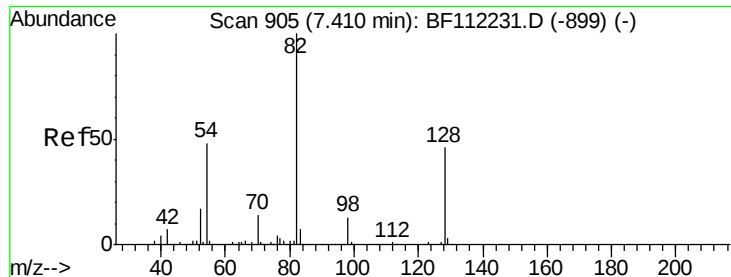
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.422 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

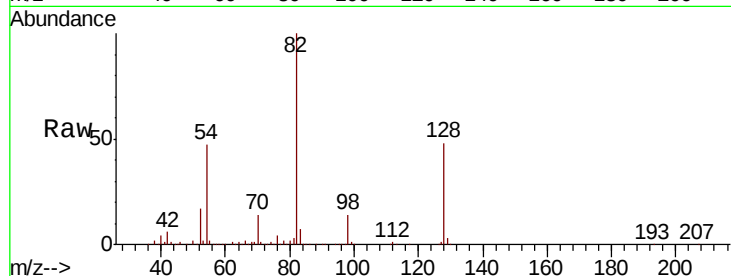
Tgt Ion: 82 Resp: 499203

Ion Ratio Lower Upper

82 100

128 48.2 37.8 56.8

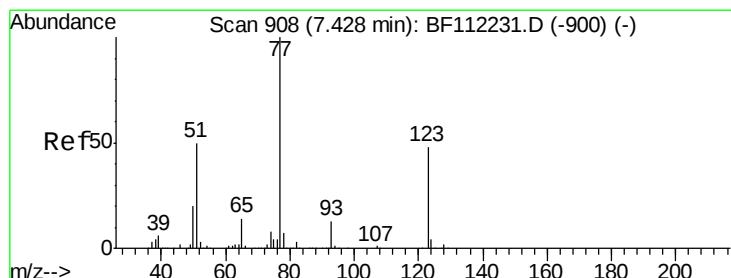
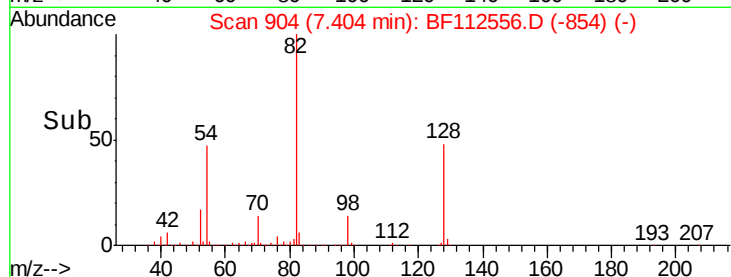
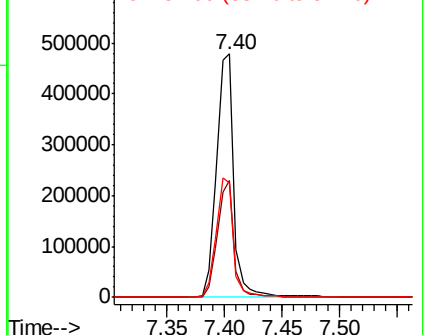
54 46.7 39.7 59.5



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: 0.404 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

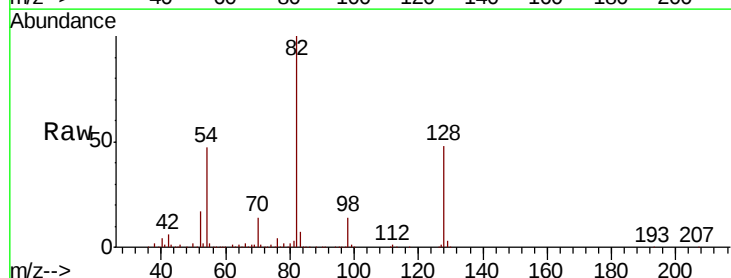
Tgt Ion: 77 Resp: 2417

Ion Ratio Lower Upper

77 100

123 0.0 38.4 57.6#

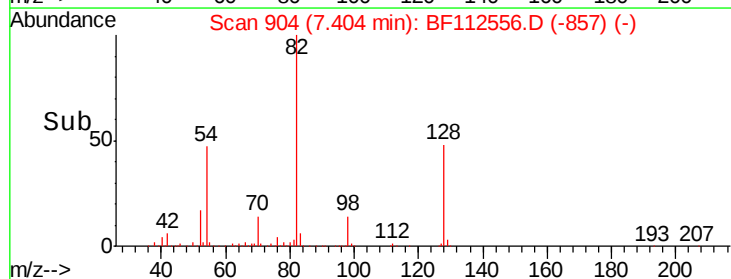
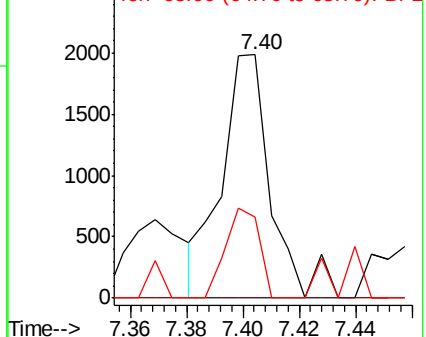
65 33.1 10.6 15.8#

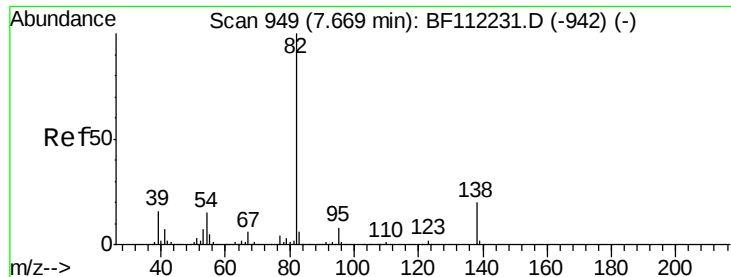


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 53.175 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

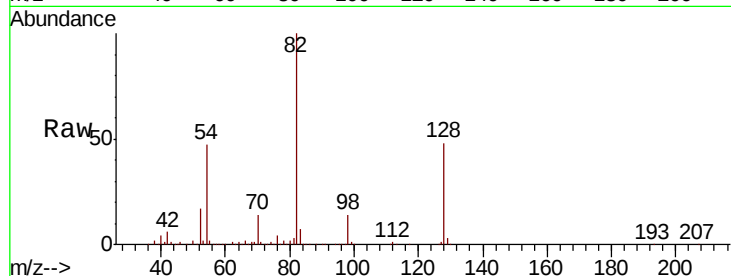
Tgt Ion: 82 Resp: 499197

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

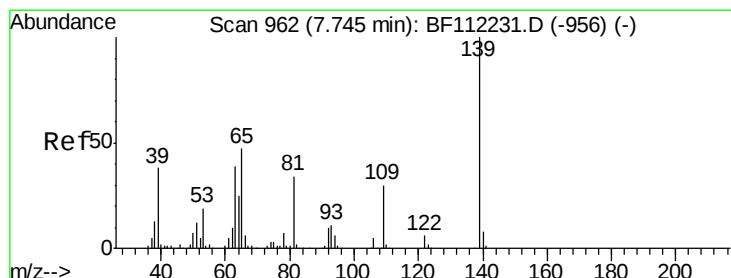
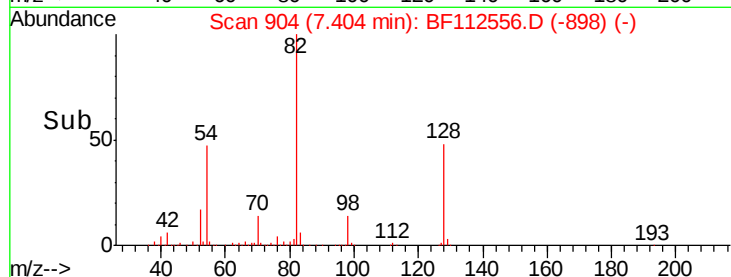
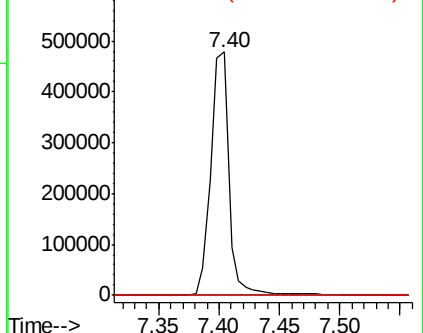
138 0.0 15.4 23.0#



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



#26

2-Nitrophenol

Concen: 0.277 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

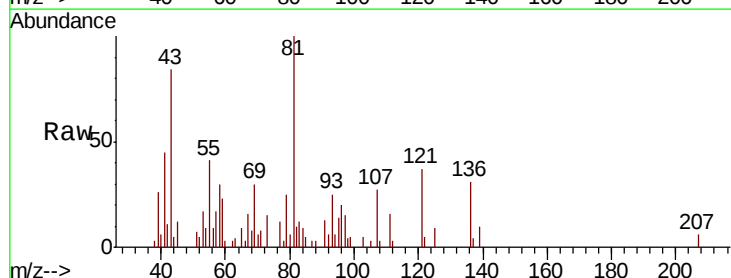
Tgt Ion: 139 Resp: 885

Ion Ratio Lower Upper

139 100

109 0.0 20.8 31.2#

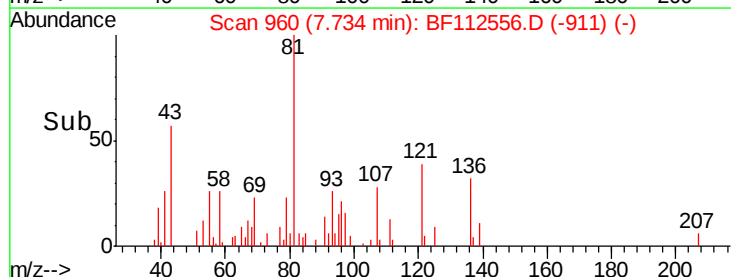
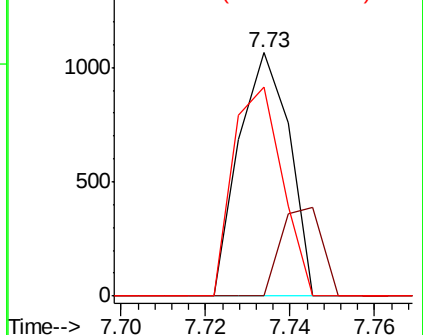
65 85.8 34.4 51.6#

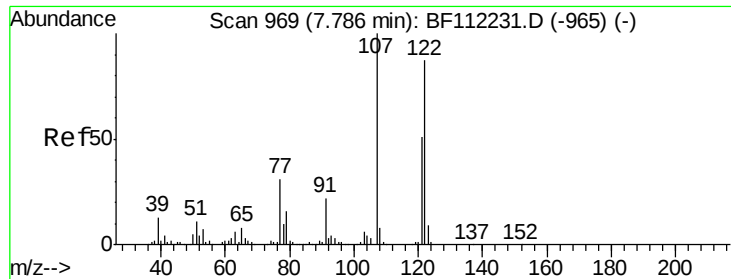


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 5.944 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.12 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

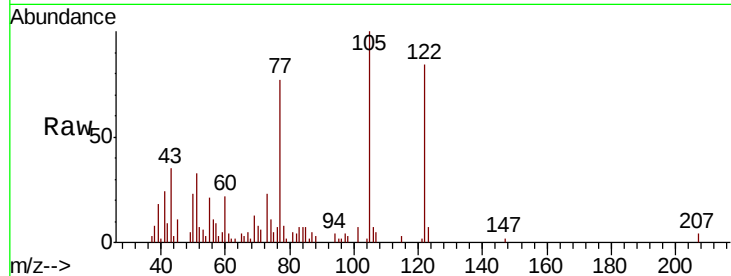
Tgt Ion:122 Resp: 26155

Ion Ratio Lower Upper

122 100

107 5.8 85.4 128.0#

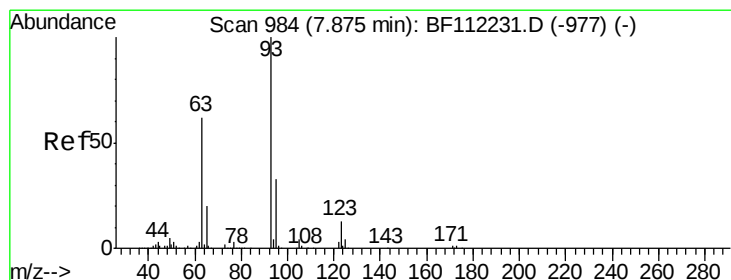
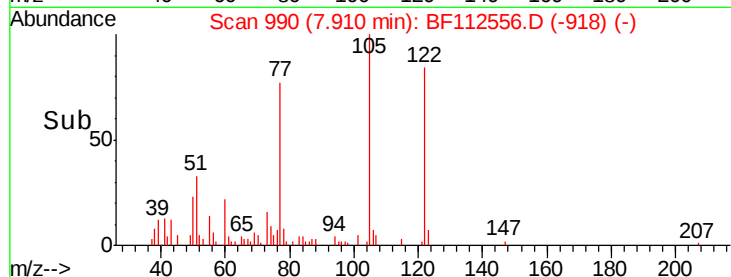
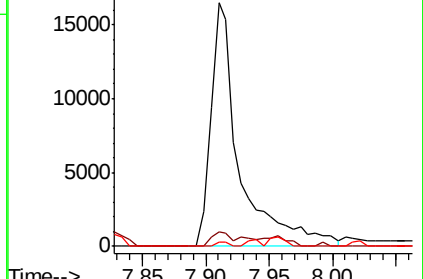
121 1.9 47.0 70.4#



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: 0.262 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.05 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

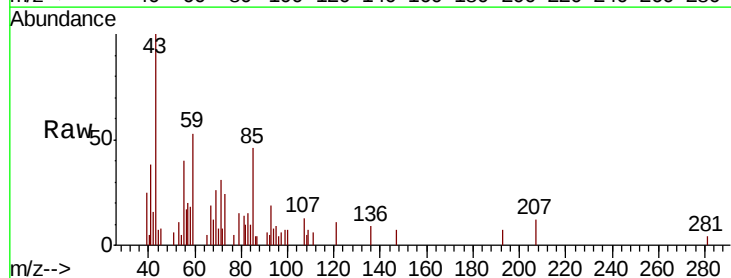
Tgt Ion: 93 Resp: 1672

Ion Ratio Lower Upper

93 100

95 46.6 26.8 40.2#

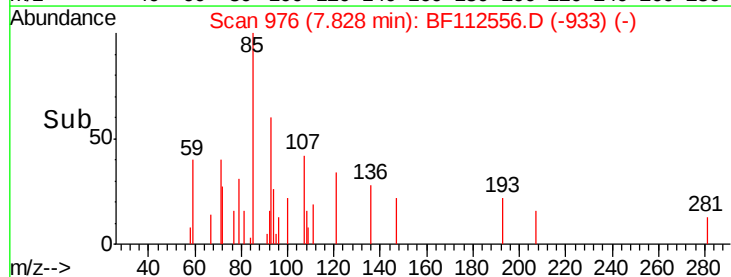
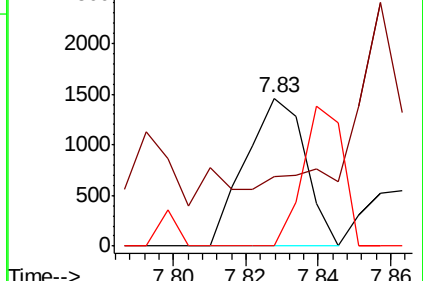
123 0.0 10.2 15.2#

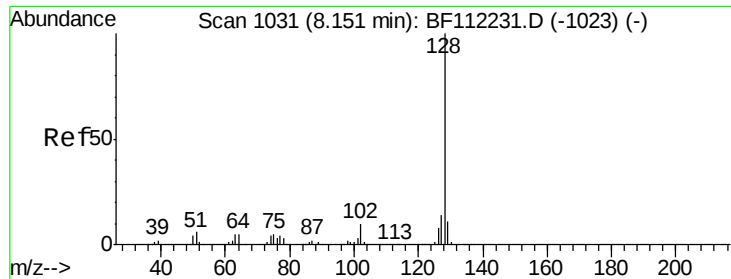


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

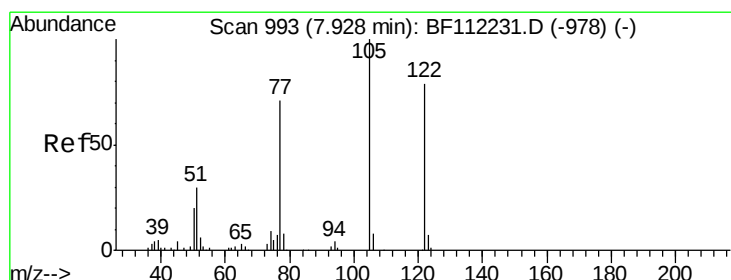
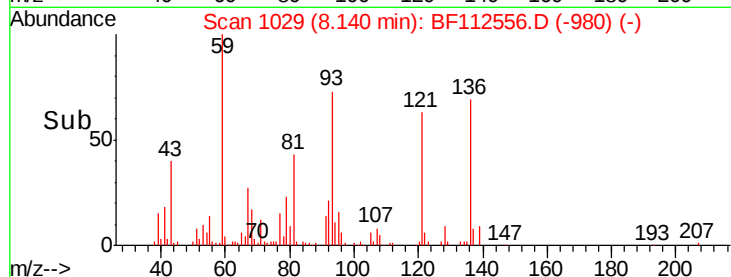
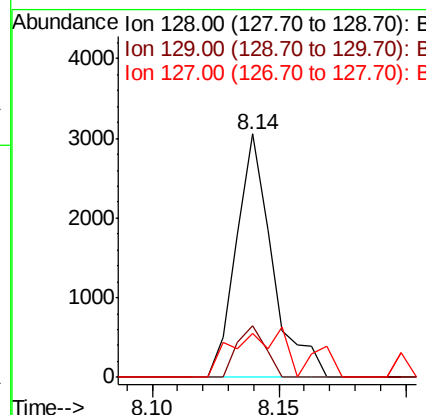
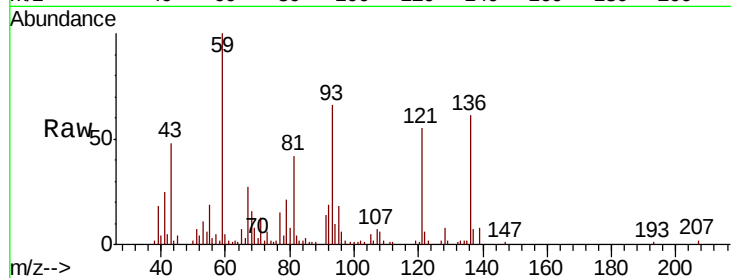




#31
Naphthalene
Concen: 0.188 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

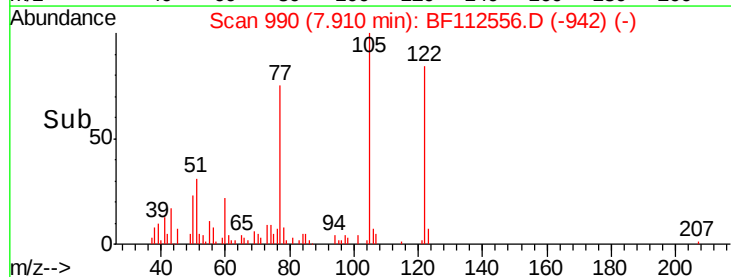
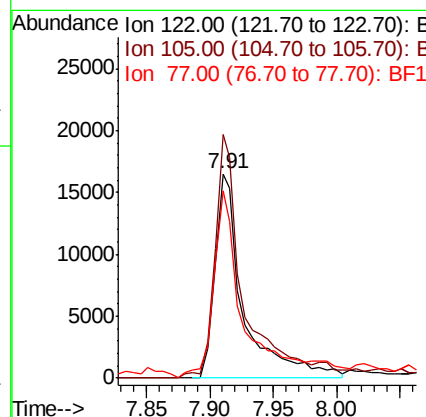
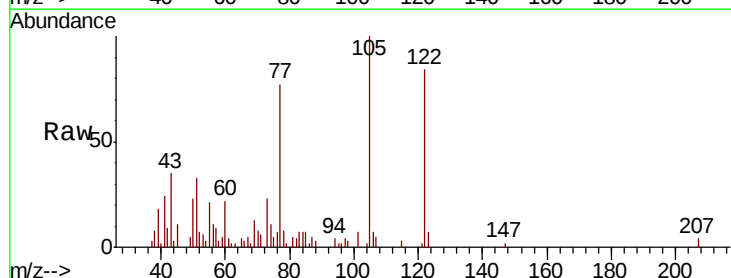
Instrument :
BNA_F
ClientSampleId :
HP-640

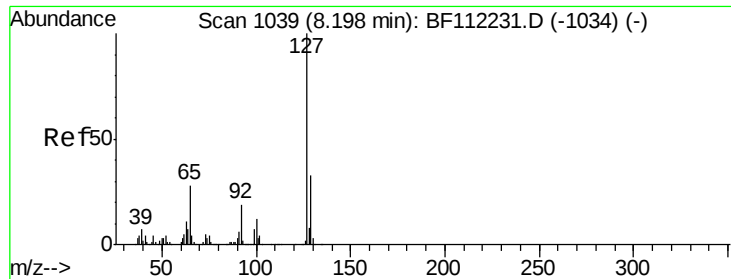
Tgt Ion:128 Resp: 3037
Ion Ratio Lower Upper
128 100
129 21.1 9.6 14.4#
127 18.2 11.1 16.7#



#32
Benzoic acid
Concen: 10.420 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion:122 Resp: 26155
Ion Ratio Lower Upper
122 100
105 119.2 101.2 141.2
77 91.6 70.4 110.4

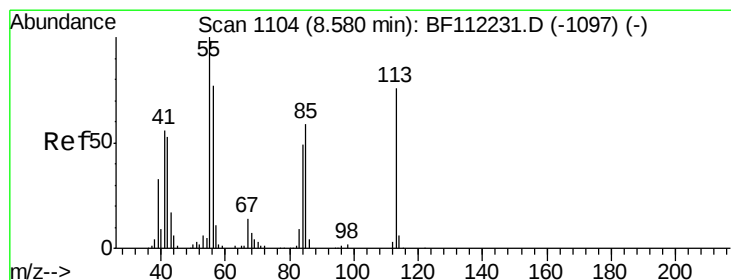
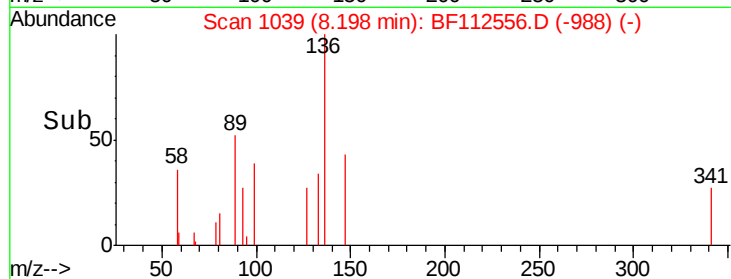
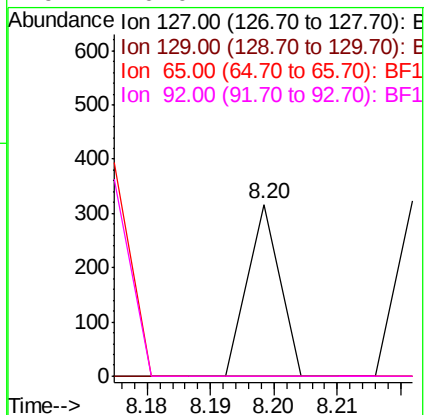
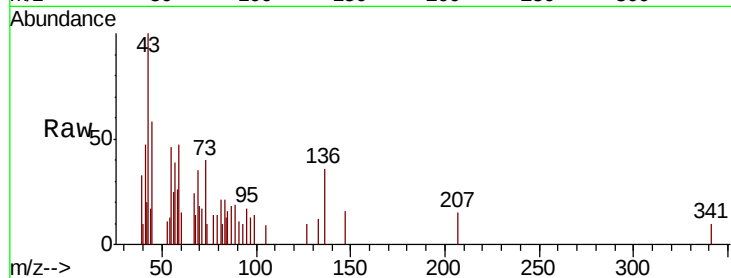




#33
4-Chloroaniline
Concen: 0.016 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

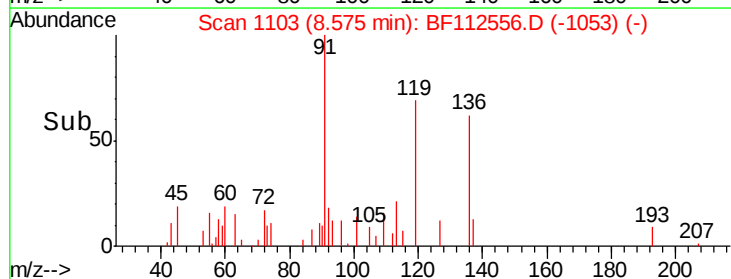
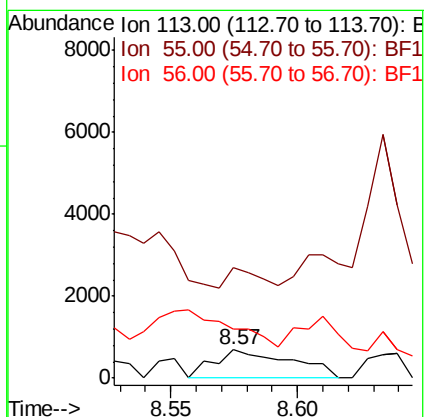
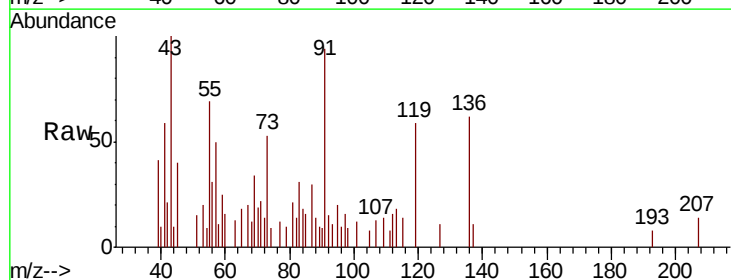
Instrument :
BNA_F
ClientSampleId :
HP-640

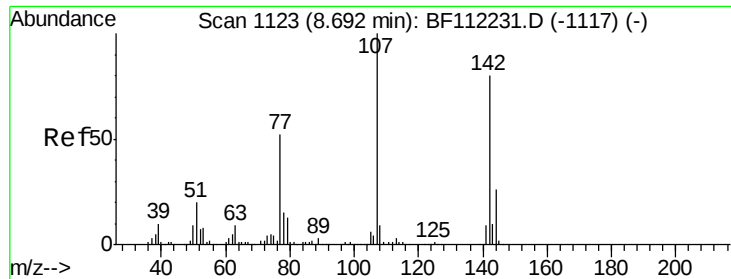
Tgt Ion:	127	Resp:	112
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.6	39.8#
65	0.0	21.4	32.2#
92	0.0	14.2	21.2#



#35
Caprolactam
Concen: 0.838 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion:	113	Resp:	1456
Ion	Ratio	Lower	Upper
113	100		
55	390.9	121.6	161.6#
56	173.9	86.7	126.7#

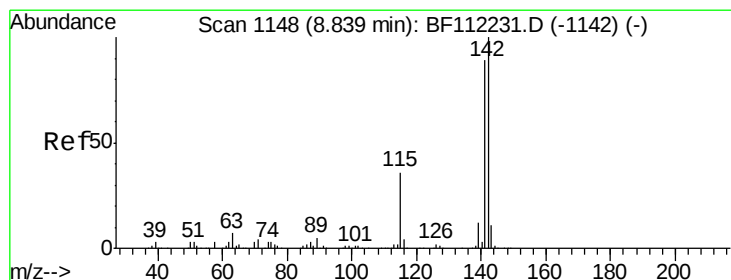
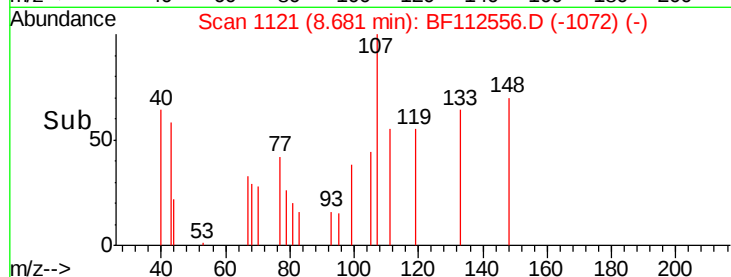
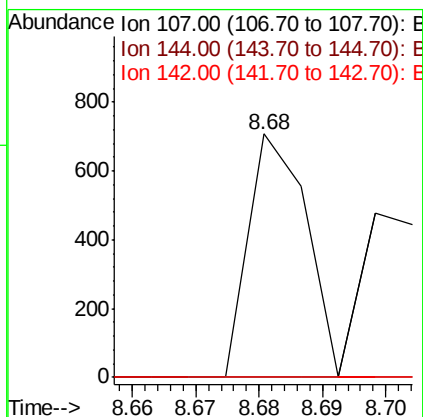
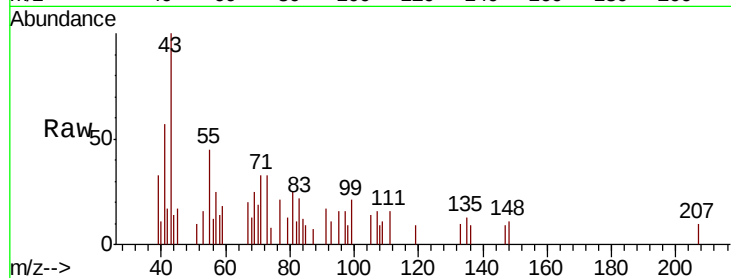




#36
 4-Chloro-3-methylphenol
 Concen: 0.086 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF112556.D
 Acq: 14 Feb 2019 1:48

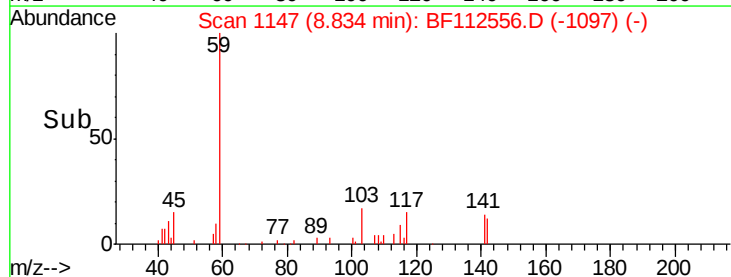
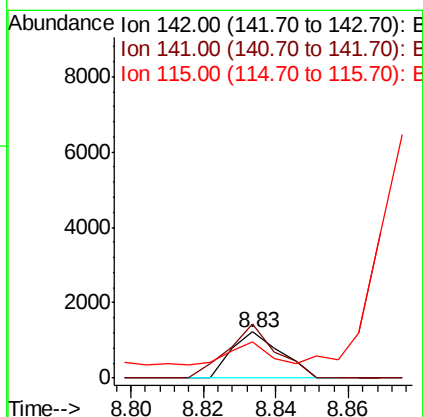
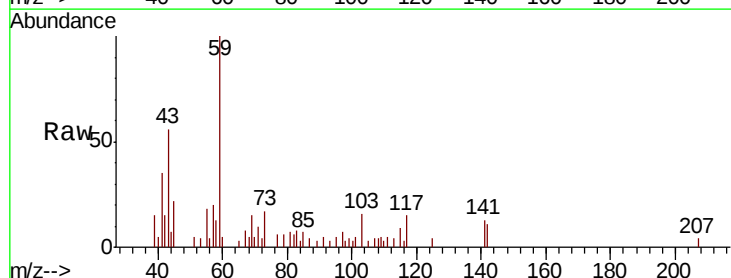
Instrument :
 BNA_F
 ClientSampleID :
 HP-640

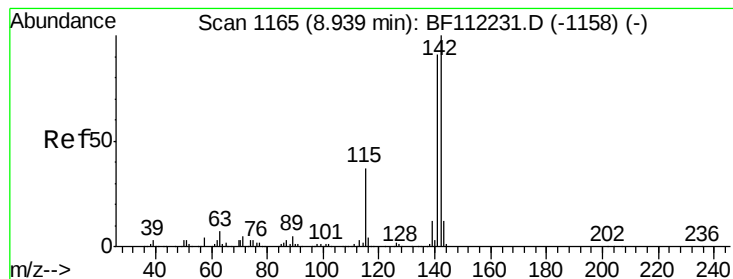
Tgt Ion:107 Resp: 446
 Ion Ratio Lower Upper
 107 100
 144 0.0 22.2 33.2#
 142 0.0 67.7 101.5#



#37
 2-Methylnaphthalene
 Concen: 0.104 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF112556.D
 Acq: 14 Feb 2019 1:48

Tgt Ion:142 Resp: 1144
 Ion Ratio Lower Upper
 142 100
 141 118.4 70.9 106.3#
 115 80.0 24.9 37.3#





#38

1-Methylnaphthalene

Concen: 0.087 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleID :

HP-640

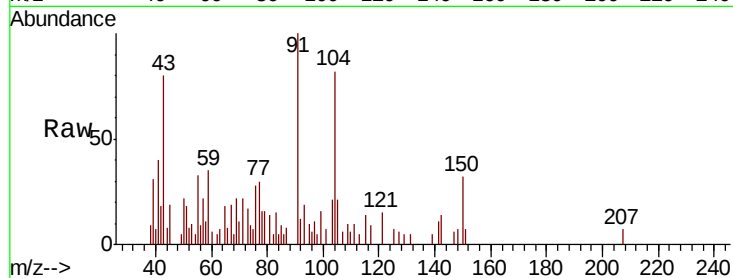
Tgt Ion:142 Resp: 925

Ion Ratio Lower Upper

142 100

141 83.6 72.6 108.8

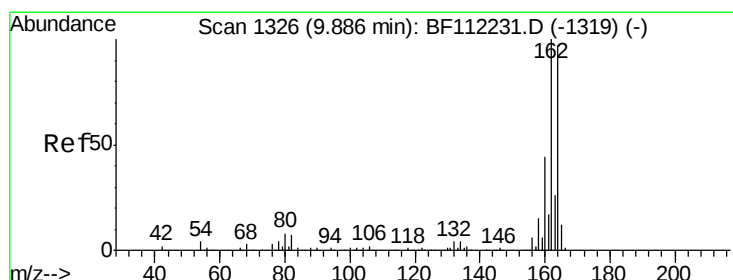
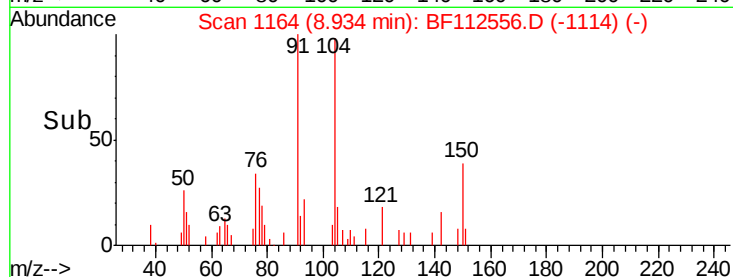
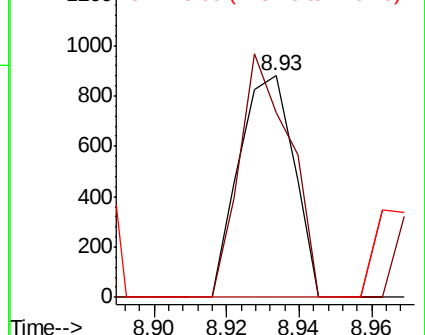
116 0.0 2.8 4.2#



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

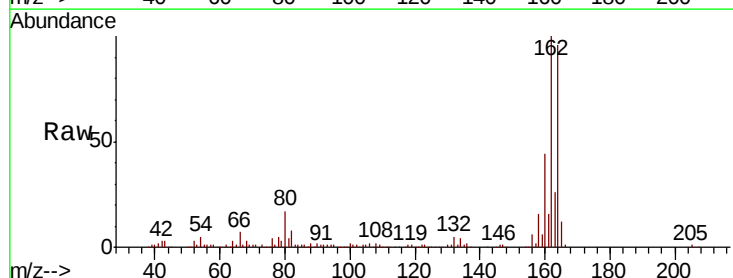
Tgt Ion:164 Resp: 133223

Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.4

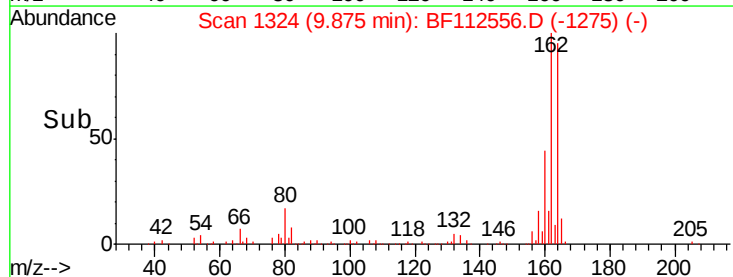
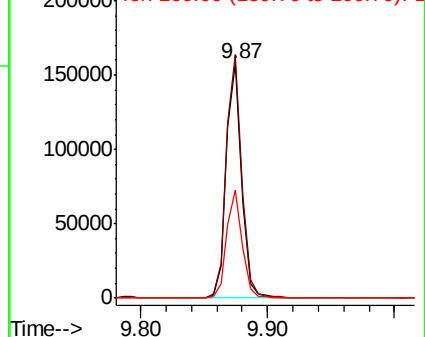
160 45.9 36.2 54.4

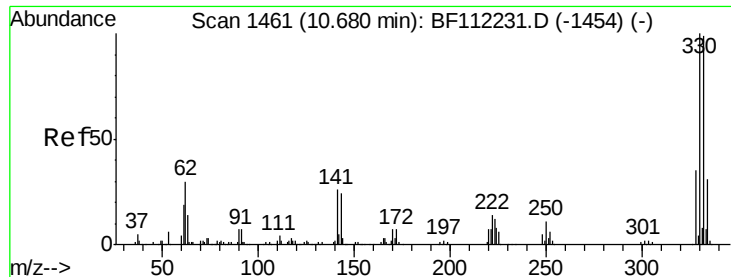


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 75.840 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

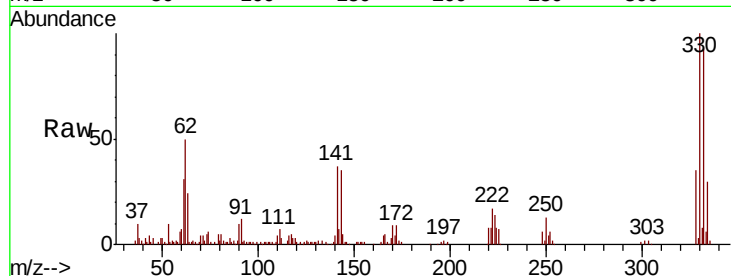
Tgt Ion:330 Resp: 117604

Ion Ratio Lower Upper

330 100

332 94.8 76.6 114.8

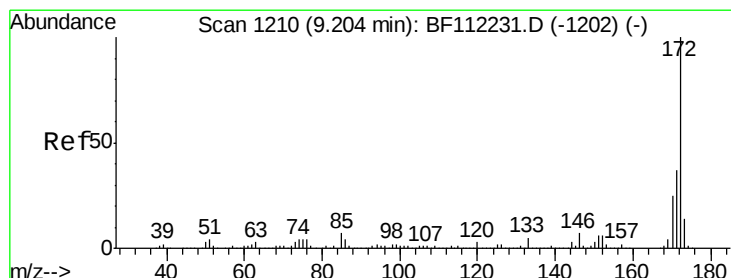
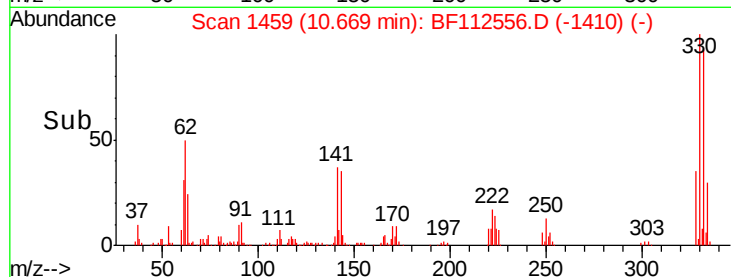
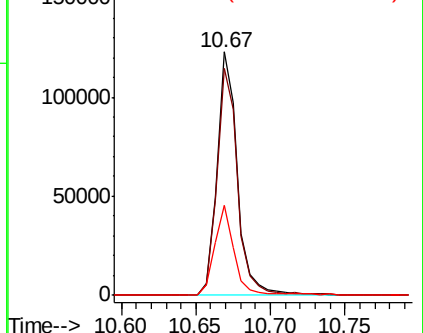
141 36.1 24.3 36.5



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: 94.955 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

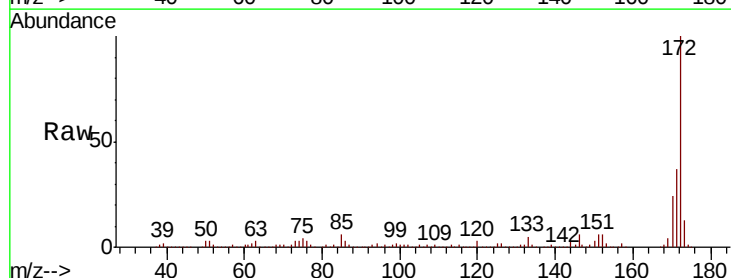
Tgt Ion:172 Resp: 894423

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

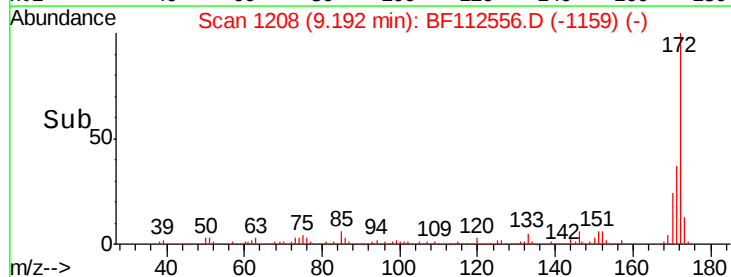
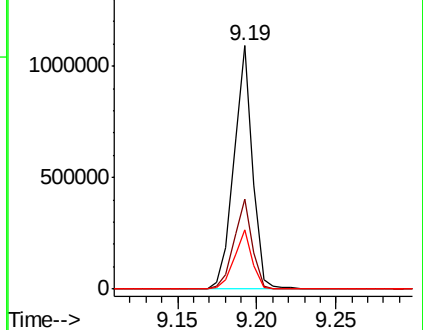
170 24.1 20.2 30.4

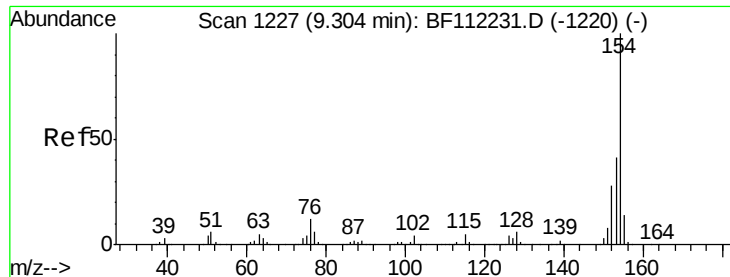


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

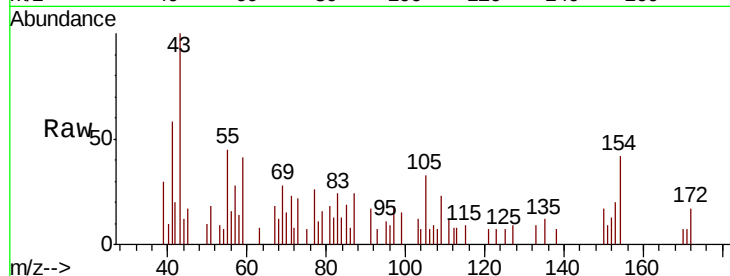




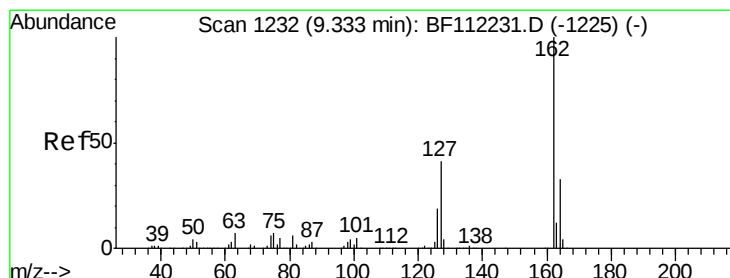
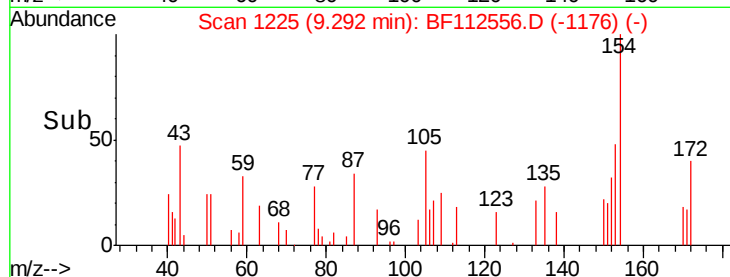
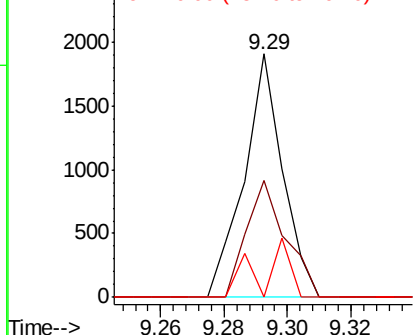
#46
1,1'-Biphenyl
Concen: 0.138 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Instrument :
BNA_F
ClientSampleId :
HP-640

Tgt Ion:154 Resp: 1611
Ion Ratio Lower Upper
154 100
153 48.3 21.5 61.5
76 0.0 0.0 33.1

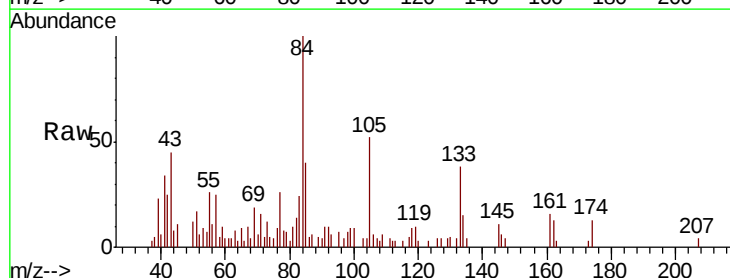


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

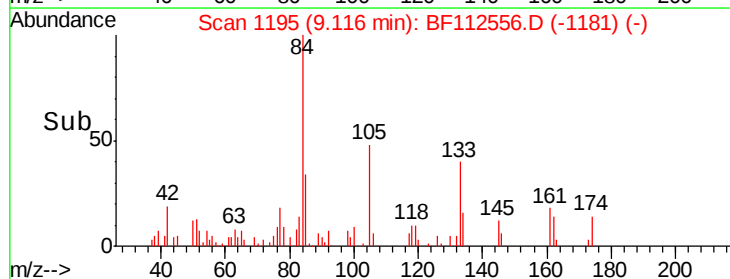
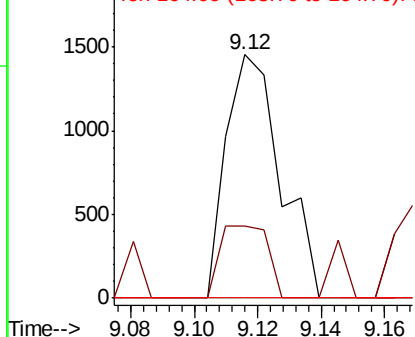


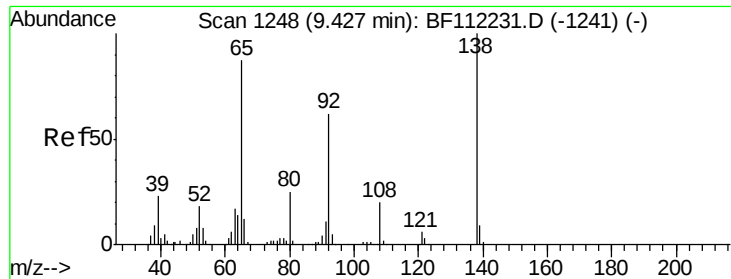
#47
2-Chloronaphthalene
Concen: 0.191 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.22 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion:162 Resp: 1729
Ion Ratio Lower Upper
162 100
127 29.7 30.4 45.6#
164 0.0 27.4 41.2#



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

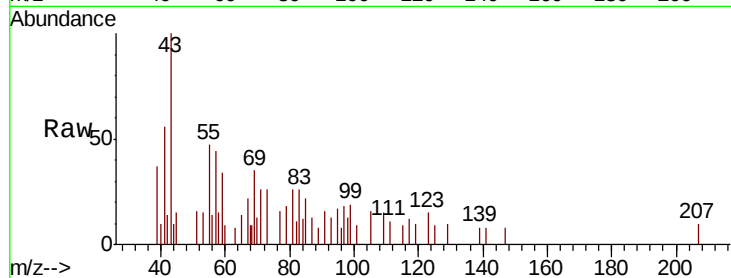




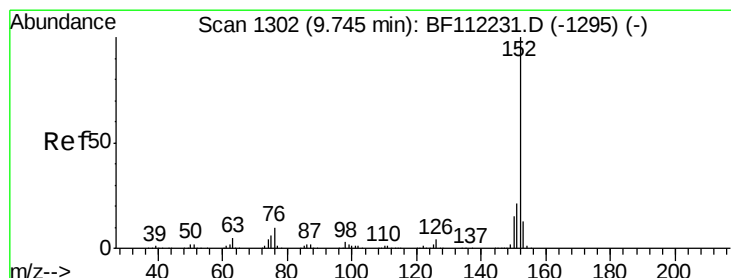
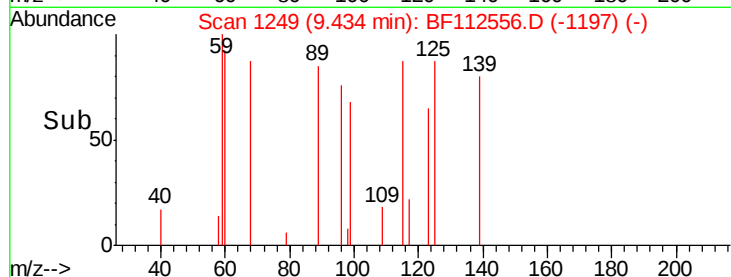
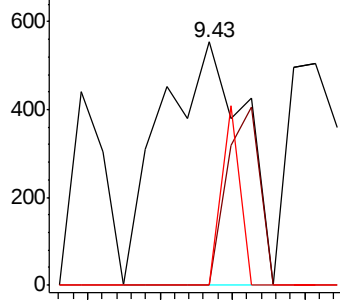
#48
2-Nitroaniline
Concen: 0.359 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Instrument :
BNA_F
ClientSampleId :
HP-640

Tgt Ion: 65 Resp: 884
Ion Ratio Lower Upper
65 100
92 0.0 60.4 90.6#
138 0.0 104.4 156.6#

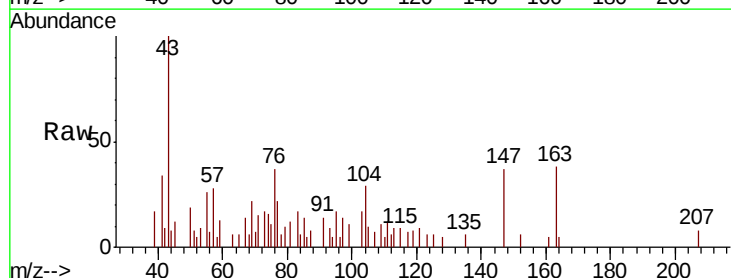


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

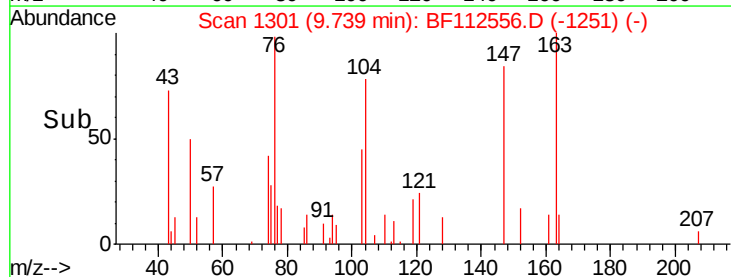
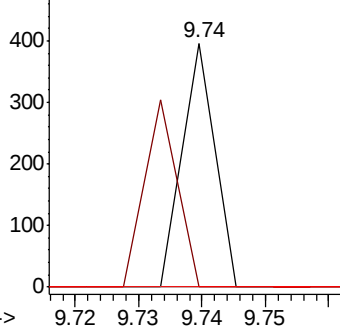


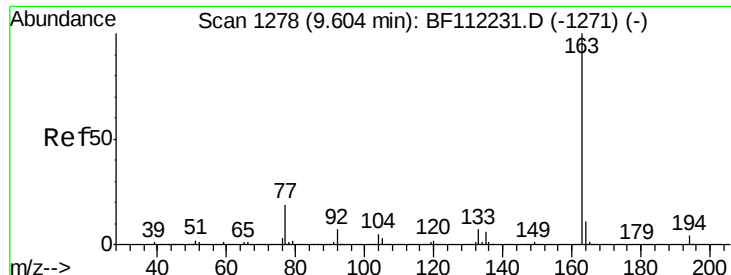
#49
Acenaphthylene
Concen: 0.011 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion: 152 Resp: 140
Ion Ratio Lower Upper
152 100
151 0.0 17.0 25.6#
153 0.0 11.2 16.8#



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

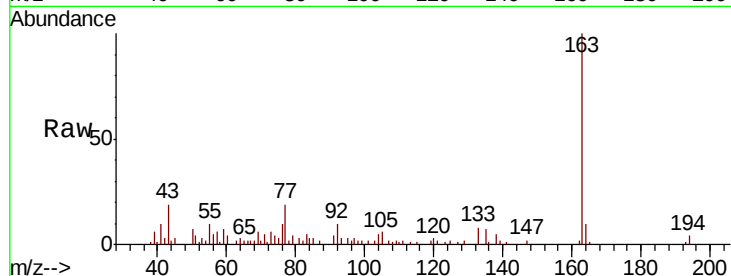




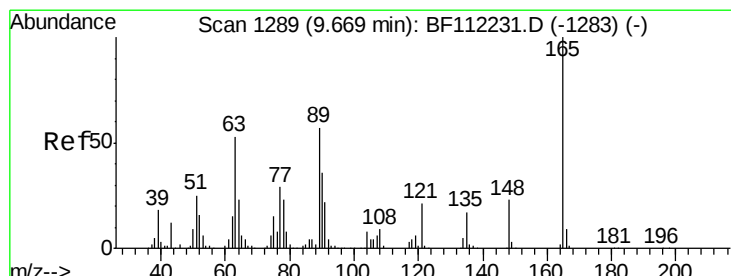
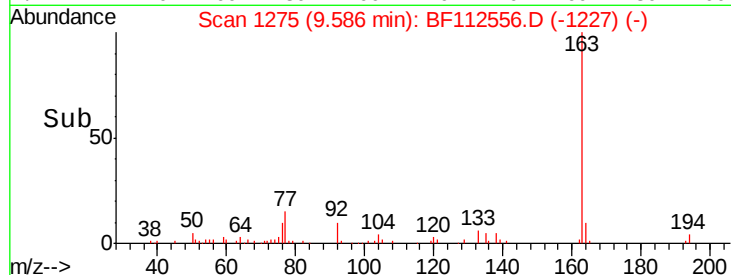
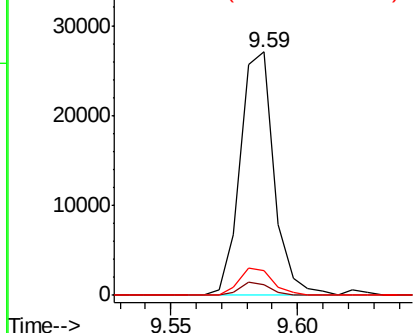
#50
Dimethylphthalate
Concen: 2.424 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Instrument :
BNA_F
ClientSampleId :
HP-640

Tgt Ion:163 Resp: 25089
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.4 8.5 12.7

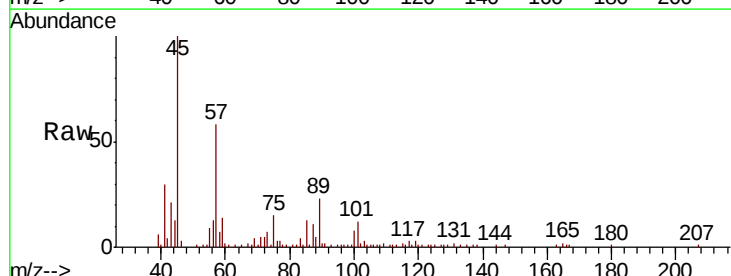


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

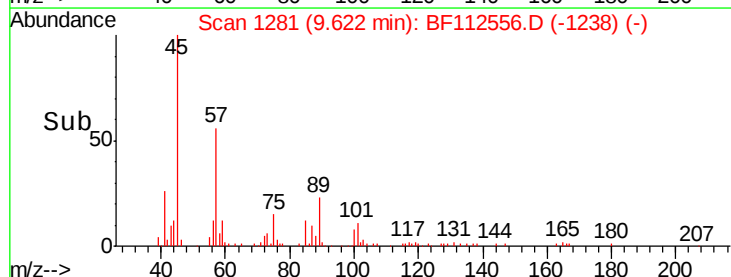
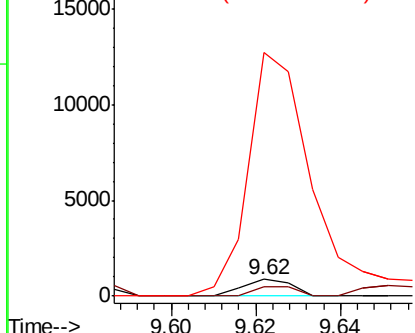


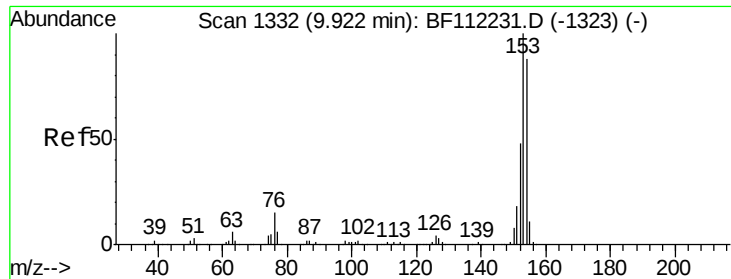
#51
2,6-Dinitrotoluene
Concen: 0.298 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion:165 Resp: 691
Ion Ratio Lower Upper
165 100
63 56.4 33.8 50.8#
89 1454.3 36.9 55.3#



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: 0.051 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.05 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampled :

HP-640

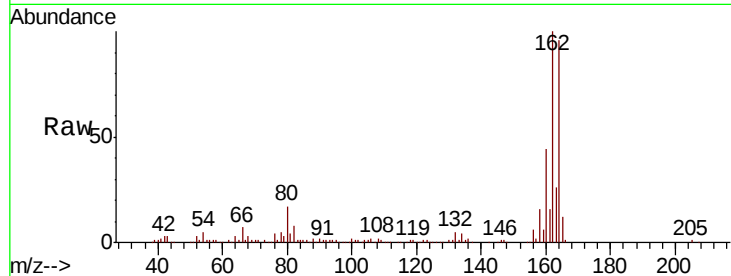
Tgt Ion:154 Resp: 405

Ion Ratio Lower Upper

154 100

153 0.0 89.8 134.6#

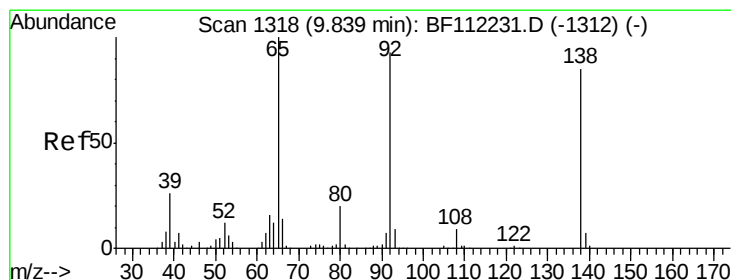
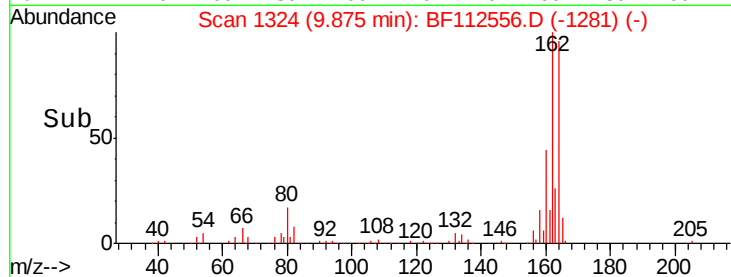
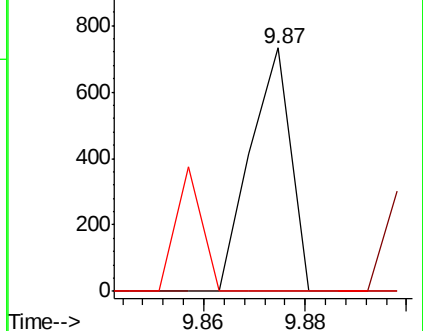
152 0.0 43.5 65.3#



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: 0.111 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.09 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

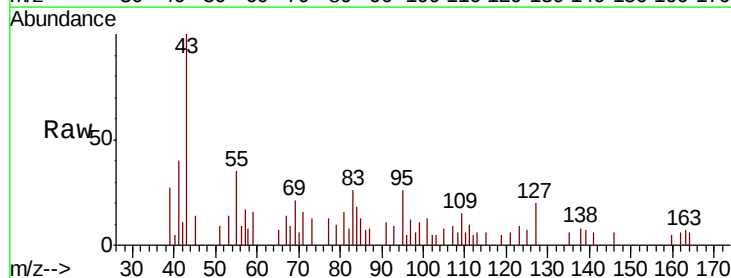
Tgt Ion:138 Resp: 280

Ion Ratio Lower Upper

138 100

108 75.6 9.8 14.6#

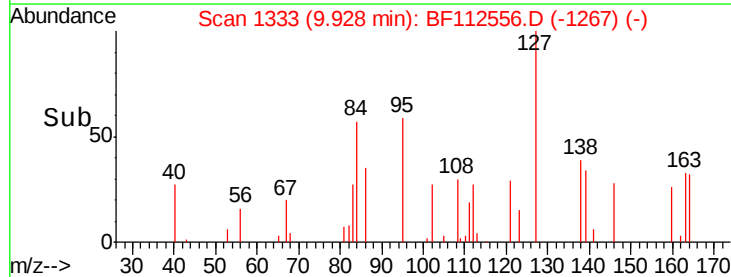
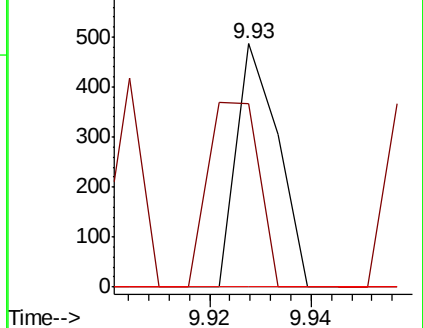
92 0.0 79.4 119.2#

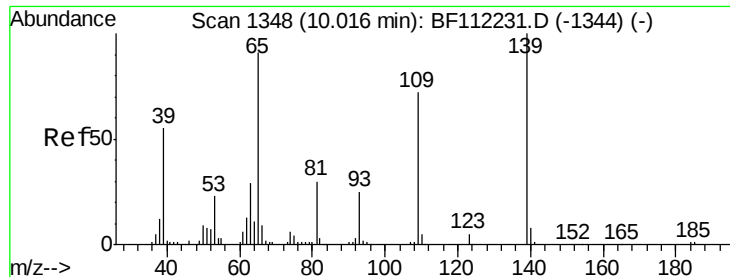


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

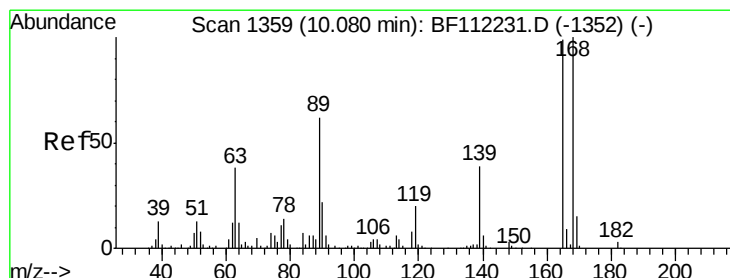
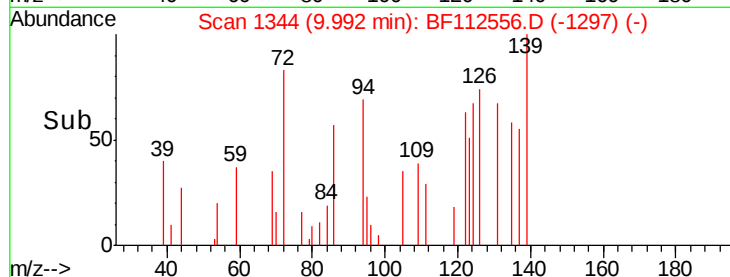
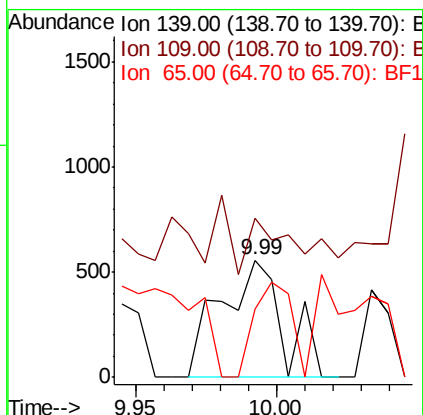
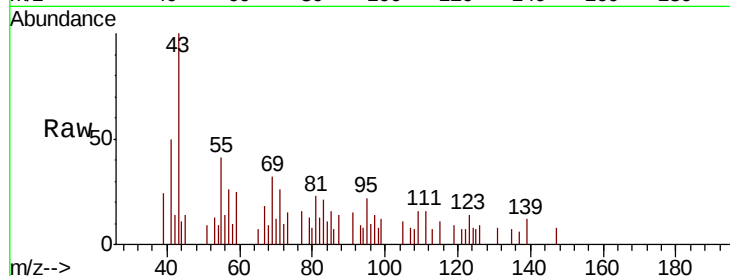




#56
4-Nitrophenol
Concen: 0.644 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

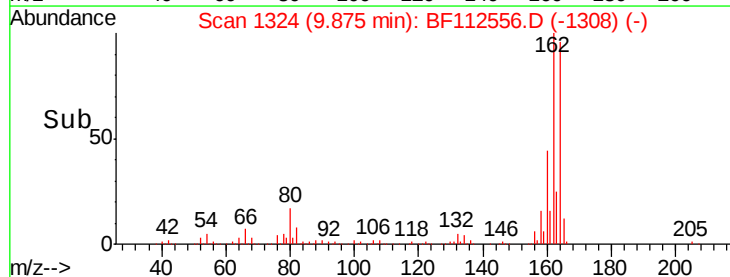
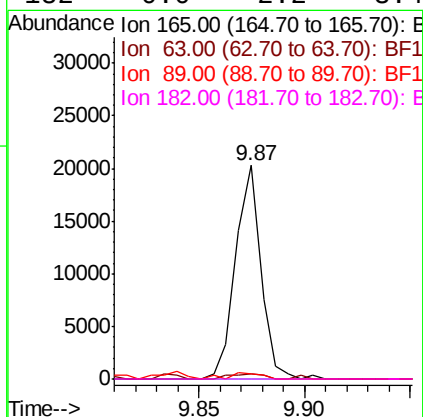
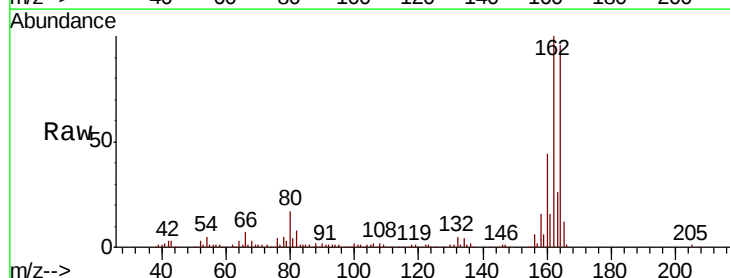
Instrument :
BNA_F
ClientSampleId :
HP-640

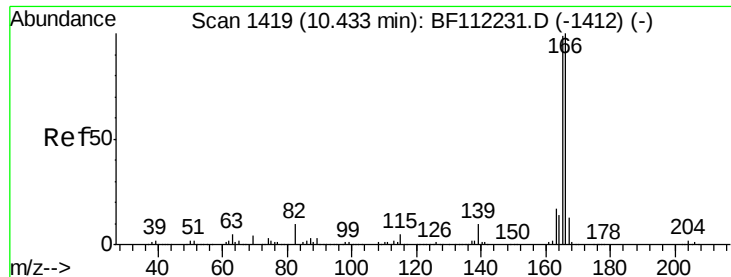
Tgt Ion:139 Resp: 855
Ion Ratio Lower Upper
139 100
109 136.2 42.8 82.8#
65 57.9 66.1 106.1#



#57
2,4-Dinitrotoluene
Concen: 5.695 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion:165 Resp: 16807
Ion Ratio Lower Upper
165 100
63 2.2 27.9 41.9#
89 2.5 47.9 71.9#
182 0.0 2.2 3.4#





#58

Fluorene

Concen: 0.029 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

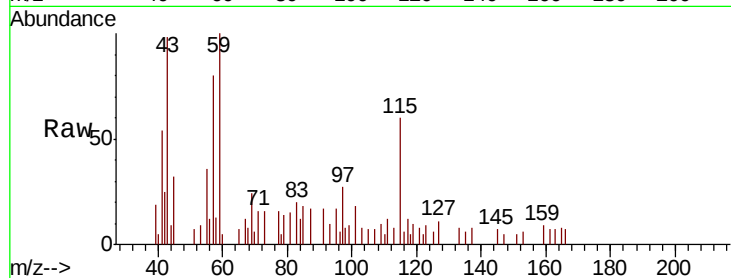
Tgt Ion:166 Resp: 264

Ion Ratio Lower Upper

166 100

165 118.5 77.1 115.7#

167 0.0 11.3 16.9#



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

10.43

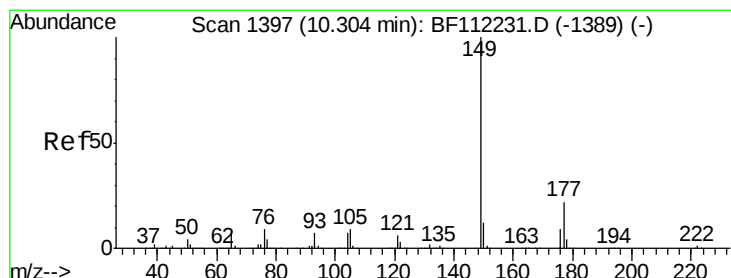
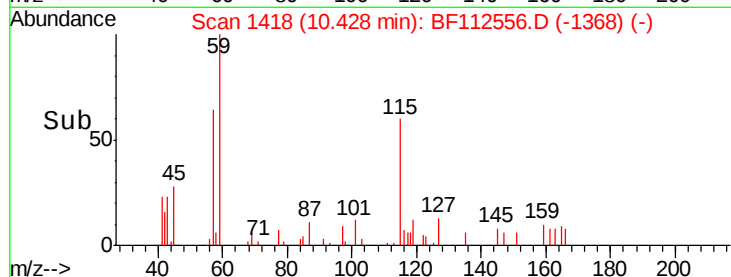
400

200

0

10.40 10.42 10.44

Time-->



#60

Diethylphthalate

Concen: 1.706 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.02 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

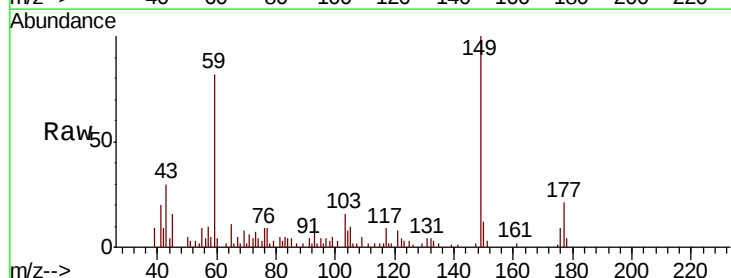
Tgt Ion:149 Resp: 17521

Ion Ratio Lower Upper

149 100

177 21.3 18.2 27.2

150 12.5 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

10.28

30000

25000

20000

15000

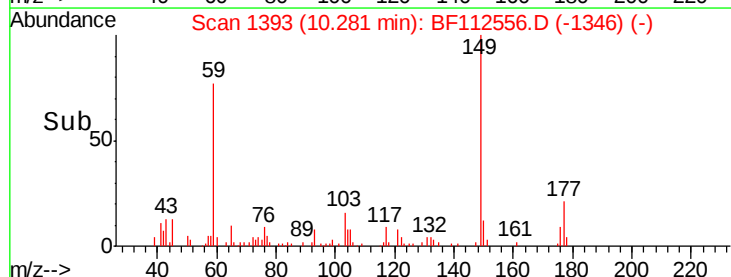
10000

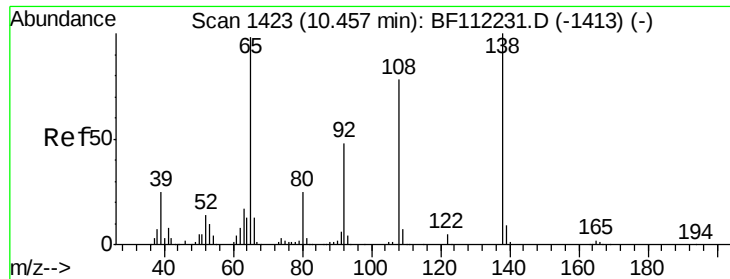
5000

0

10.25 10.30

Time-->

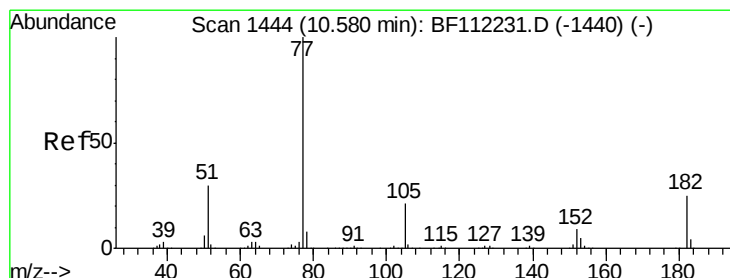
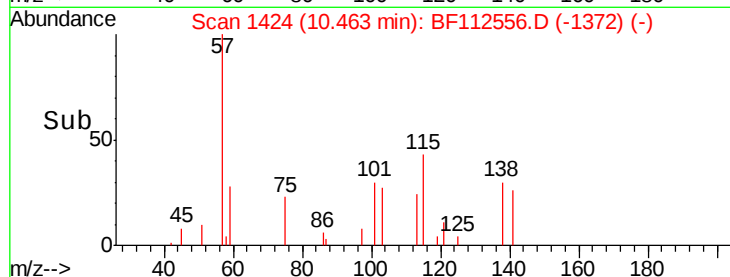
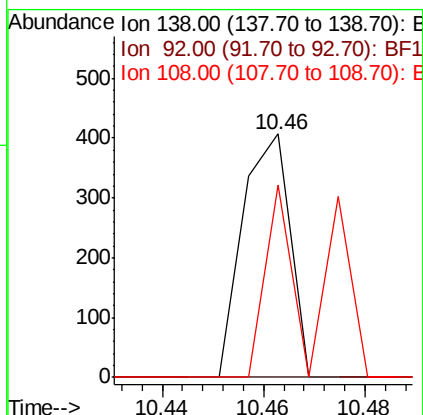
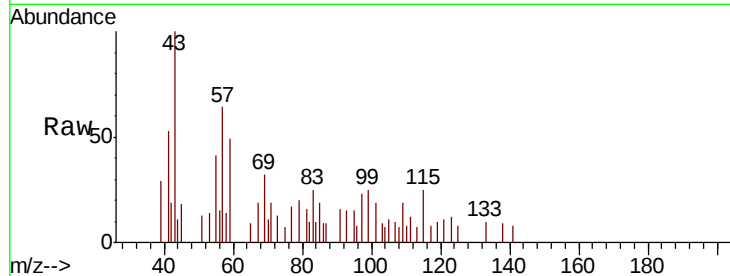




#62
4-Nitroaniline
Concen: 0.107 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

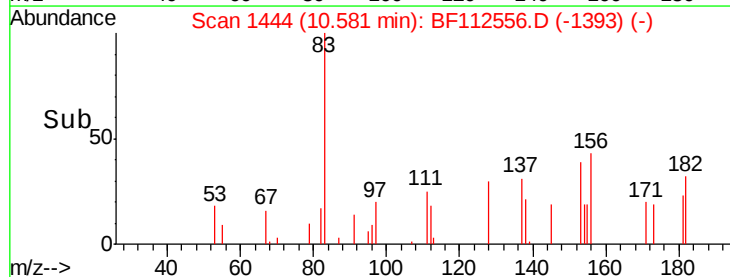
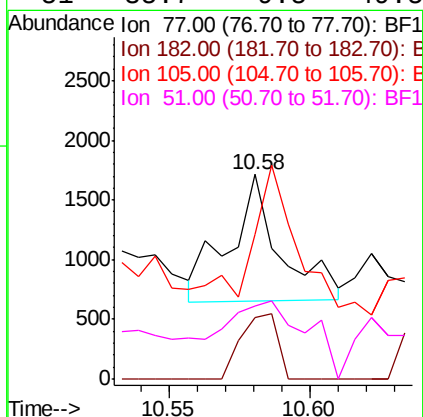
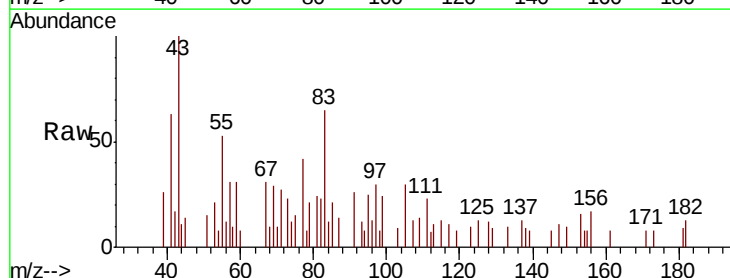
Instrument :
BNA_F
ClientSampled :
HP-640

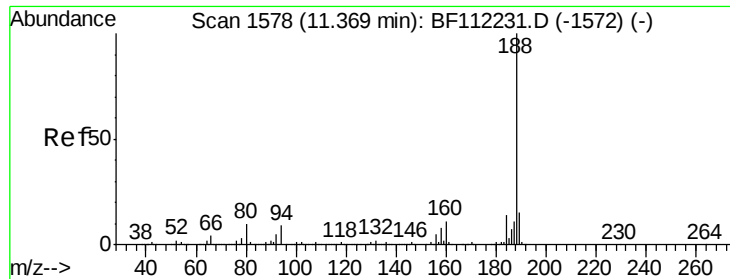
Tgt Ion: 138 Resp: 263
Ion Ratio Lower Upper
138 100
92 0.0 30.6 70.6#
108 78.9 50.0 90.0



#63
Azobenzene
Concen: 0.146 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion: 77 Resp: 1317
Ion Ratio Lower Upper
77 100
182 30.4 5.7 45.7
105 70.7 1.4 41.4#
51 35.7 9.5 49.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

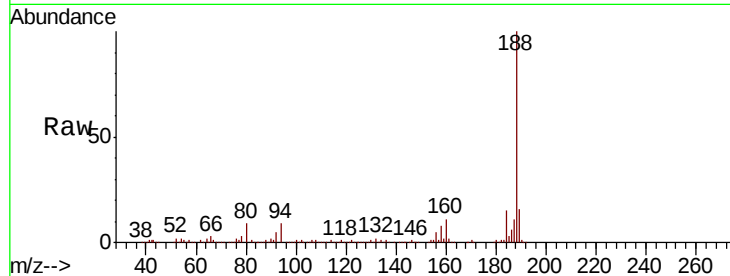
Tgt Ion:188 Resp: 220664

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

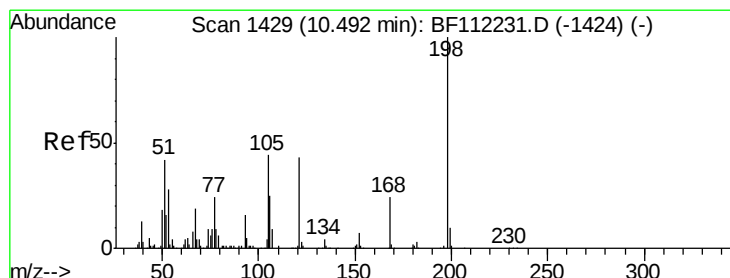
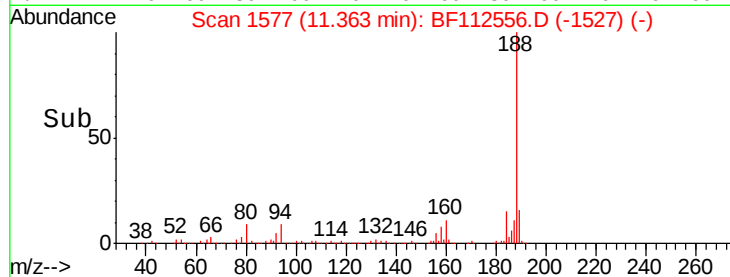
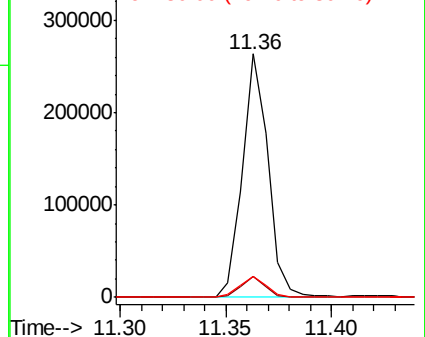
80 8.8 8.9 13.3#



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: 0.109 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.18 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

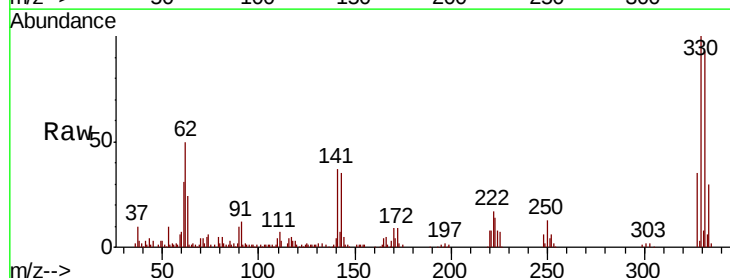
Tgt Ion:198 Resp: 135

Ion Ratio Lower Upper

198 100

51 219.9 17.2 57.2#

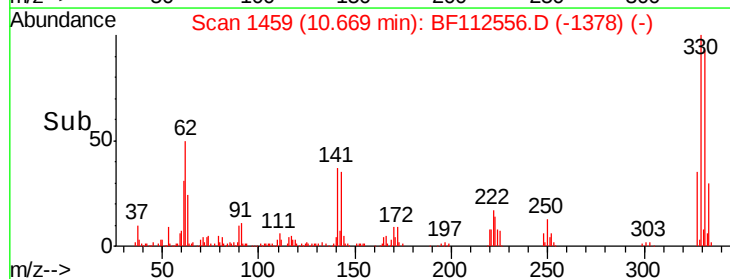
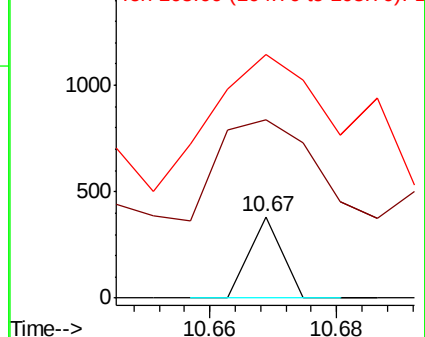
105 299.5 21.9 61.9#

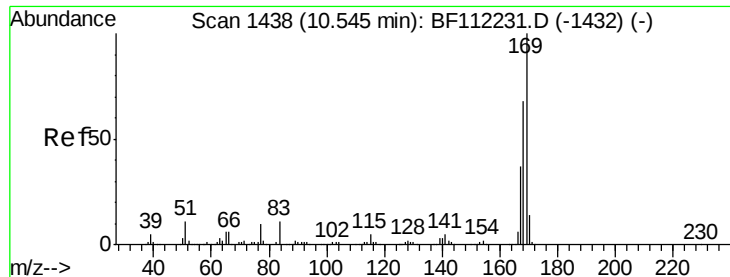


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

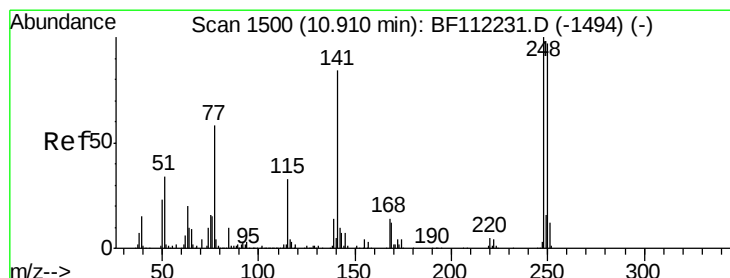
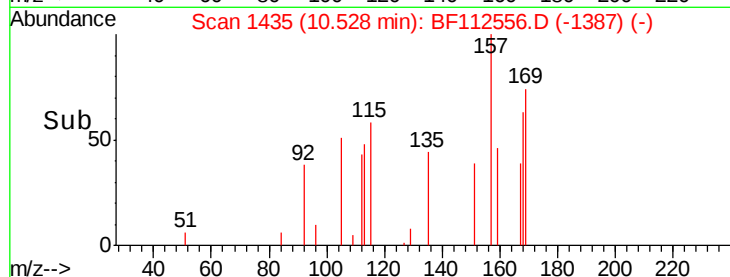
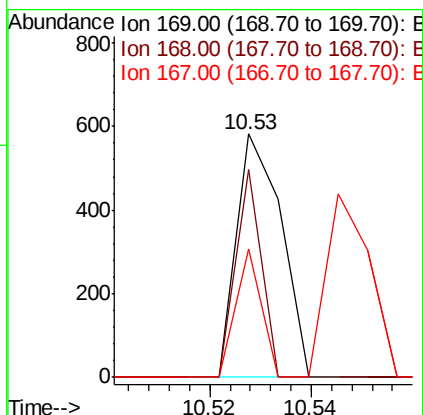
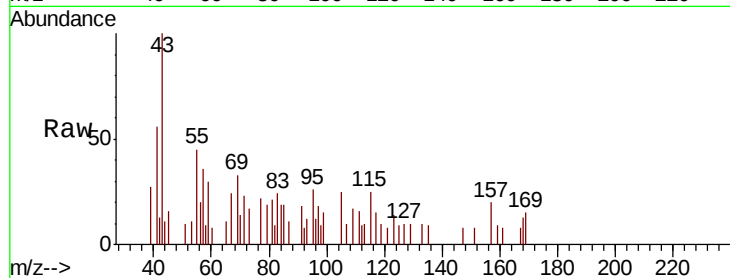




#66
 n-Nitrosodiphenylamine
 Concen: 0.048 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF112556.D
 Acq: 14 Feb 2019 1:48

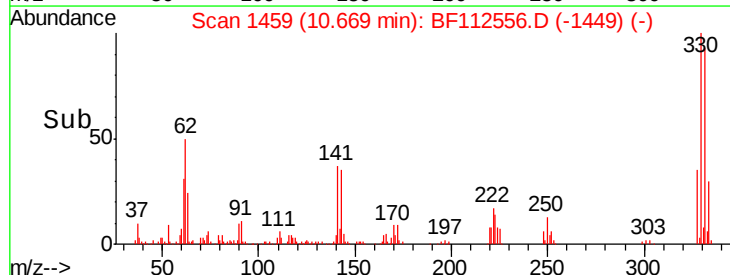
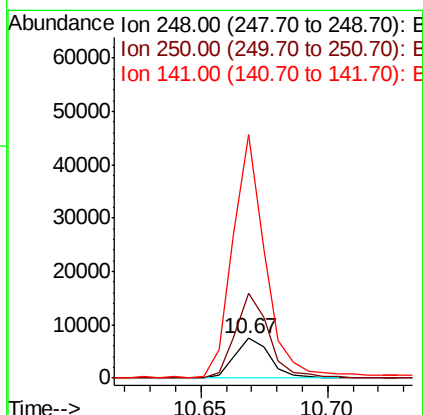
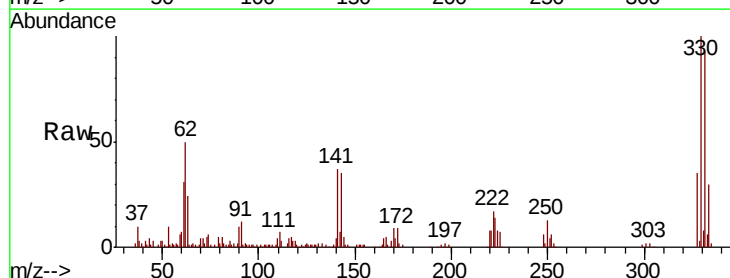
Instrument :
 BNA_F
 ClientSampleId :
 HP-640

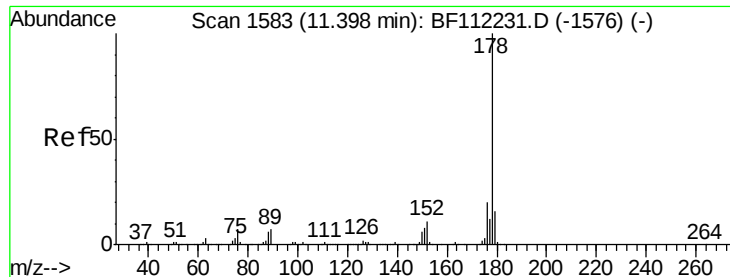
Tgt Ion:169 Resp: 356
 Ion Ratio Lower Upper
 169 100
 168 85.2 53.9 80.9#
 167 52.6 28.9 43.3#



#67
 4-Bromophenyl-phenylether
 Concen: 2.781 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.24 min
 Lab File: BF112556.D
 Acq: 14 Feb 2019 1:48

Tgt Ion:248 Resp: 7217
 Ion Ratio Lower Upper
 248 100
 250 213.2 79.7 119.5#
 141 608.1 60.3 90.5#

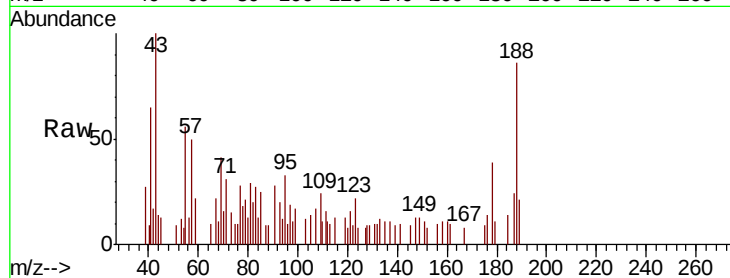




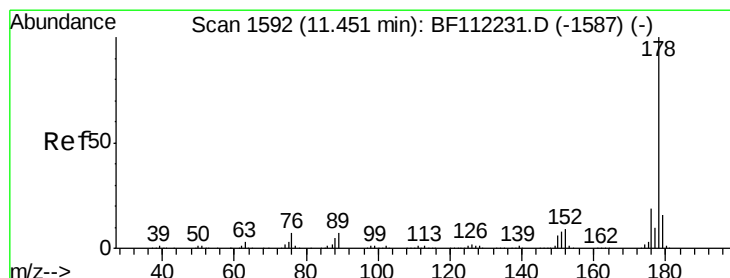
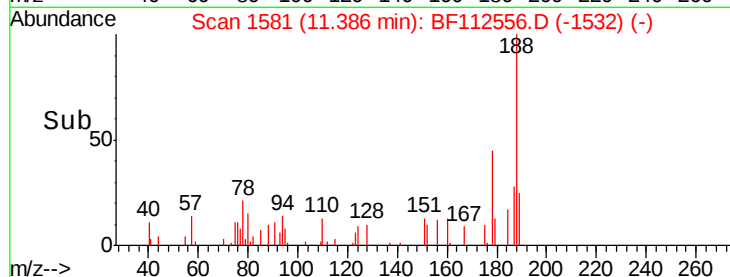
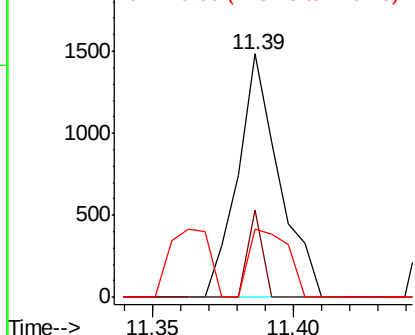
#71
Phenanthrene
Concen: 0.131 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Instrument :
BNA_F
ClientSampleId :
HP-640

Tgt Ion:178 Resp: 1507
Ion Ratio Lower Upper
178 100
176 35.8 16.3 24.5#
179 28.0 13.0 19.4#

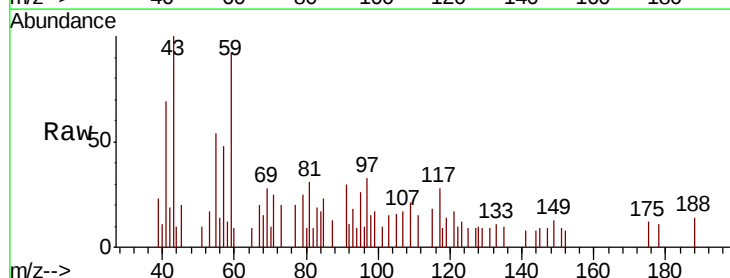


Abundance Ion 178.00 (177.70 to 178.70): E
2000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

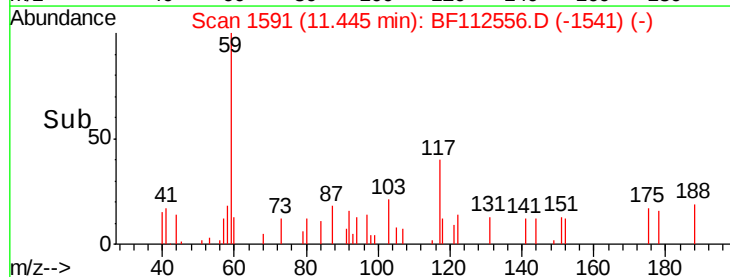
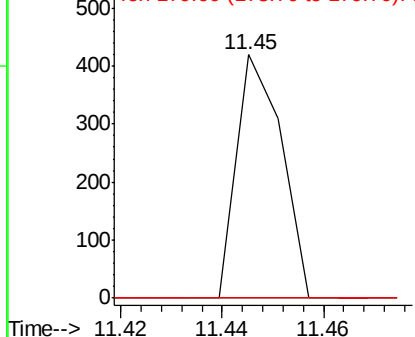


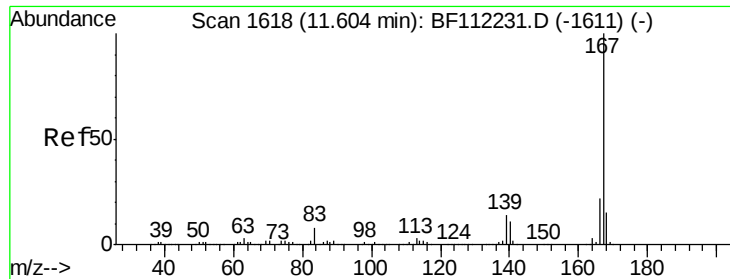
#72
Anthracene
Concen: 0.022 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion:178 Resp: 257
Ion Ratio Lower Upper
178 100
176 0.0 15.5 23.3#
179 0.0 12.8 19.2#



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

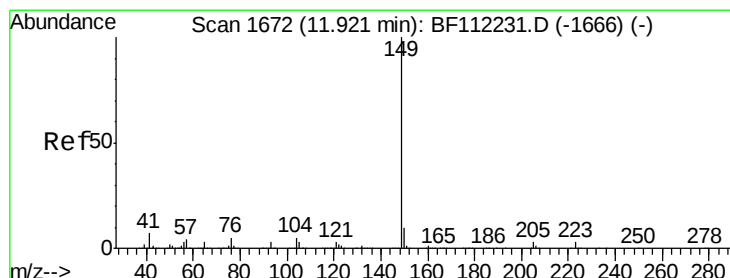
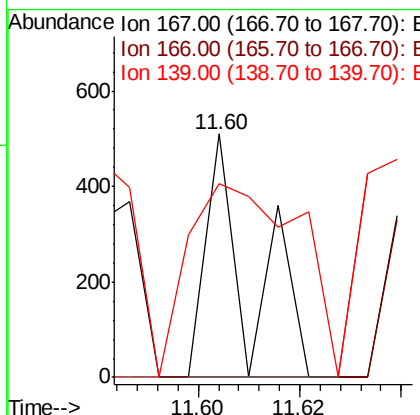
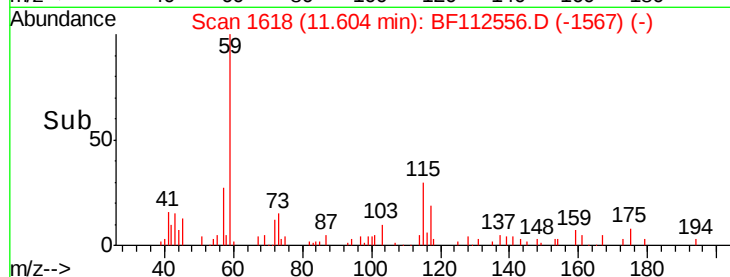
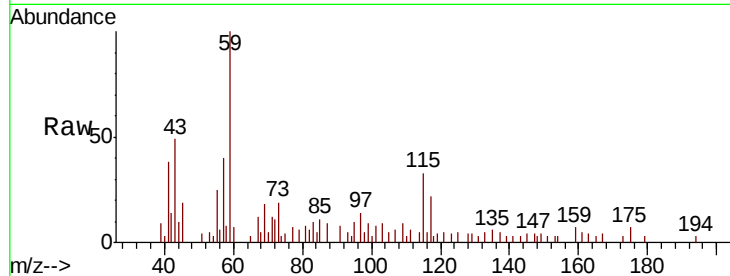




#73
 Carbazole
 Concen: 0.027 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF112556.D
 Acq: 14 Feb 2019 1:48

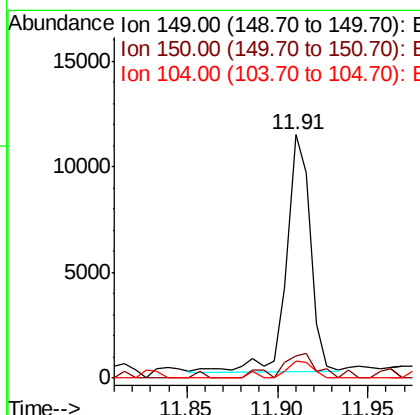
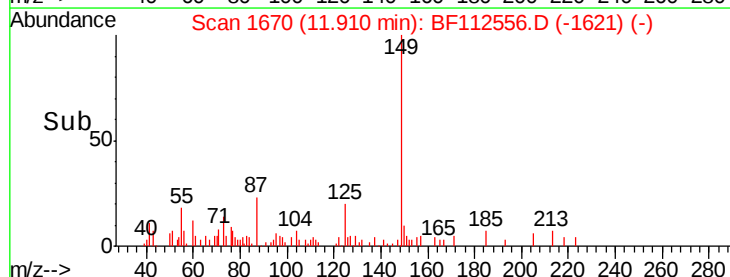
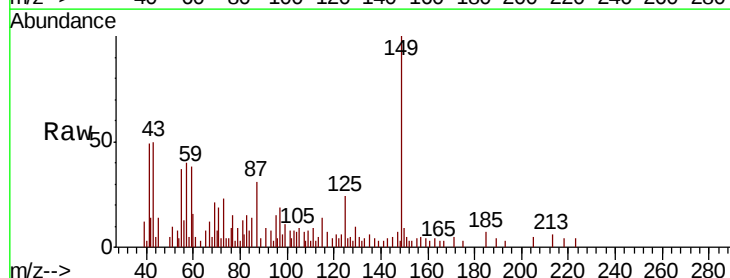
Instrument :
 BNA_F
 ClientSampleId :
 HP-640

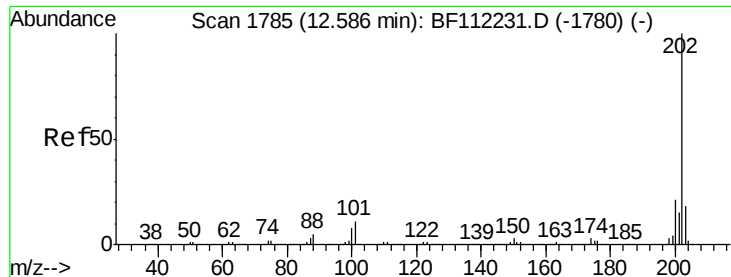
Tgt Ion:167 Resp: 307
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.9 26.9#
 139 79.4 10.2 15.2#



#74
 Di-n-butylphthalate
 Concen: 0.740 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112556.D
 Acq: 14 Feb 2019 1:48

Tgt Ion:149 Resp: 10351
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.1 12.1
 104 7.1 3.9 5.9#

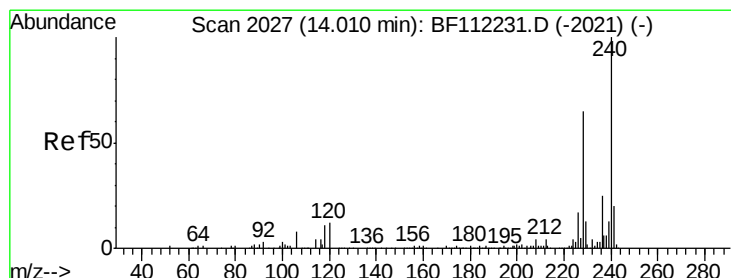
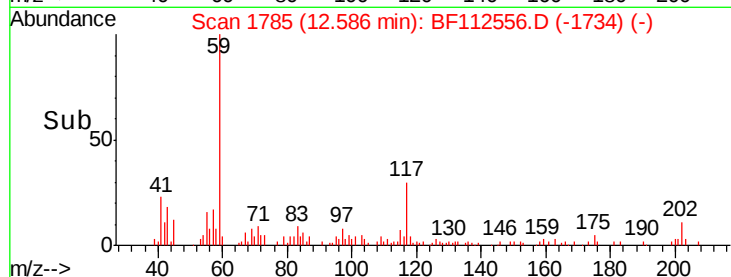
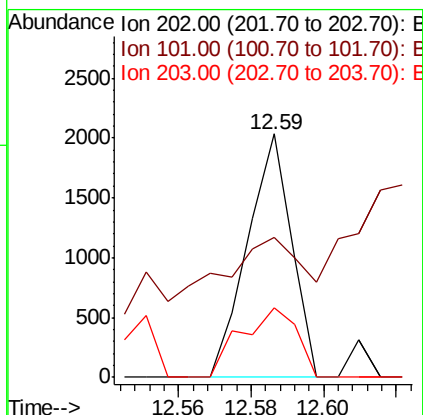
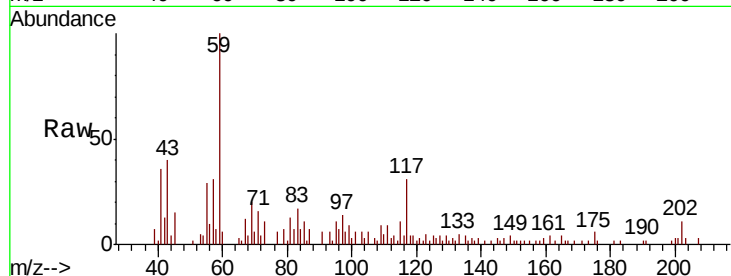




#75
Fluoranthene
Concen: 0.141 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

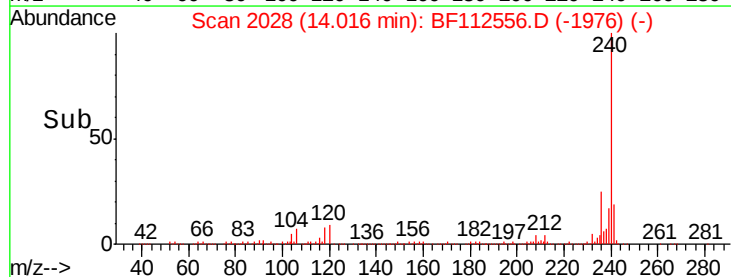
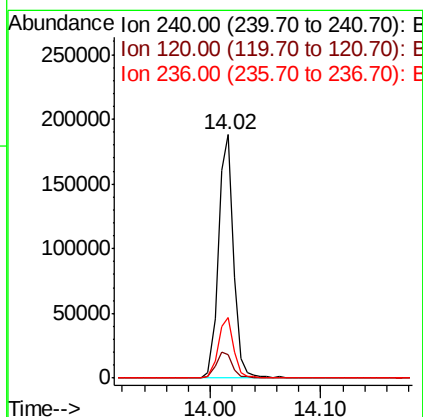
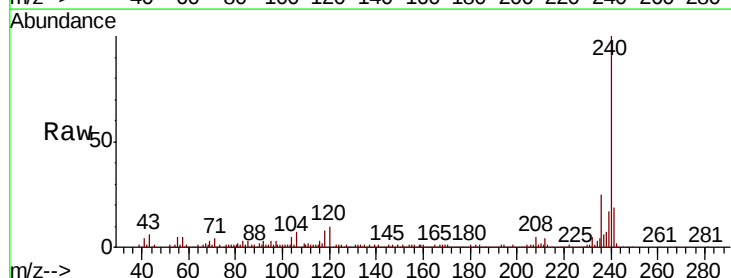
Instrument :
BNA_F
ClientSampled :
HP-640

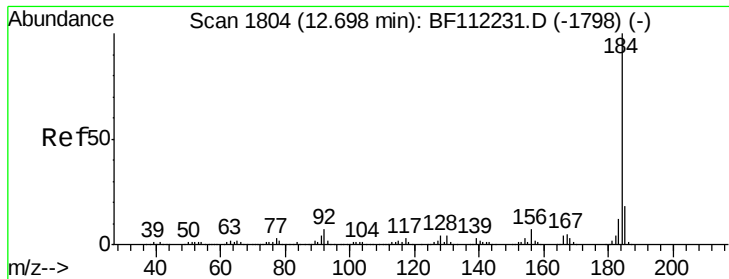
Tgt Ion: 202 Resp: 1731
Ion Ratio Lower Upper
202 100
101 57.3 0.0 31.8#
203 28.8 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion: 240 Resp: 178907
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.6
236 25.1 20.7 31.1





#77

Benzidine

Concen: 0.099 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.16 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

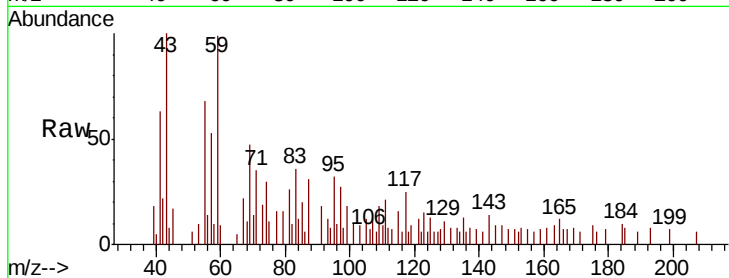
Tgt Ion:184 Resp: 486

Ion Ratio Lower Upper

184 100

185 76.9 13.9 20.9#

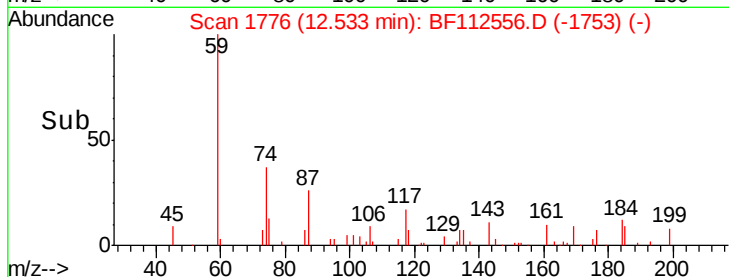
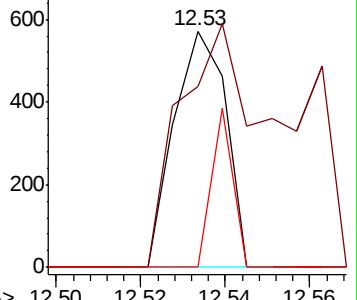
183 0.0 10.0 15.0#



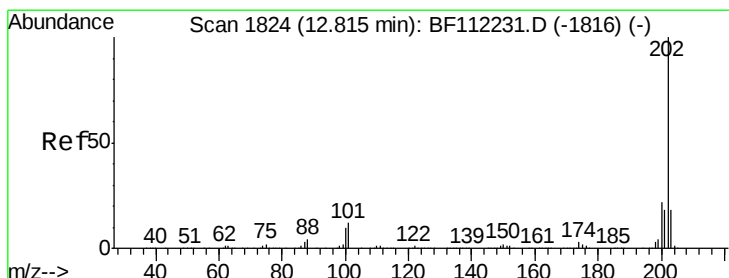
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.50 12.52 12.54 12.56



#78

Pyrene

Concen: 0.215 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

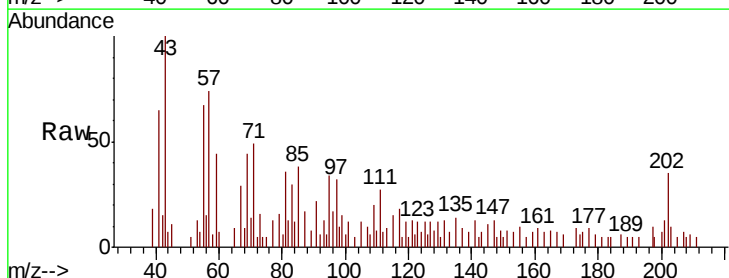
Tgt Ion:202 Resp: 2669

Ion Ratio Lower Upper

202 100

200 20.2 17.7 26.5

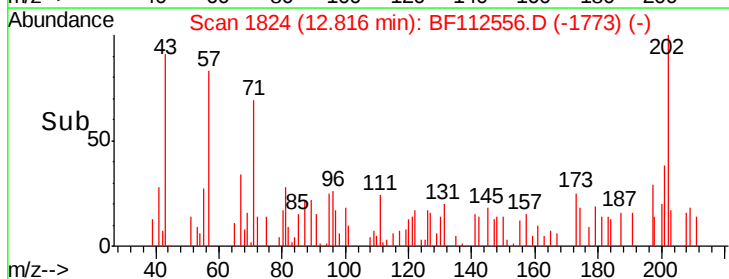
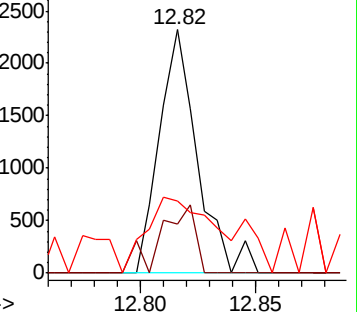
203 29.8 14.6 22.0#



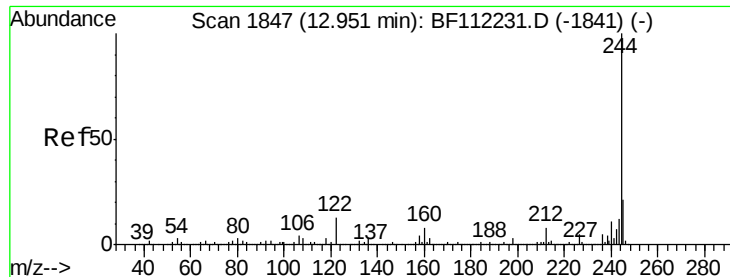
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.80 12.85



#79

Terphenyl-d14

Concen: 77.225 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampled :

HP-640

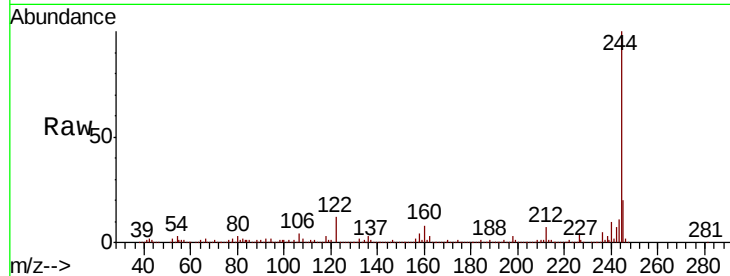
Tgt Ion:244 Resp: 733557

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

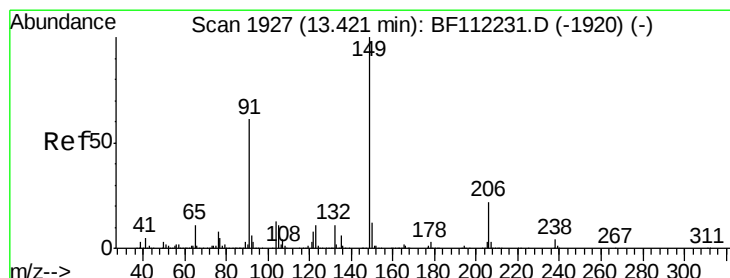
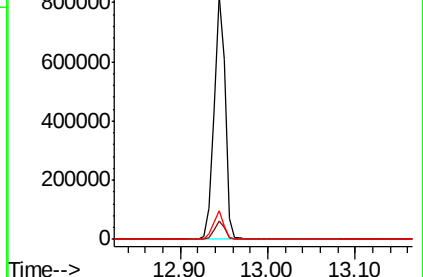
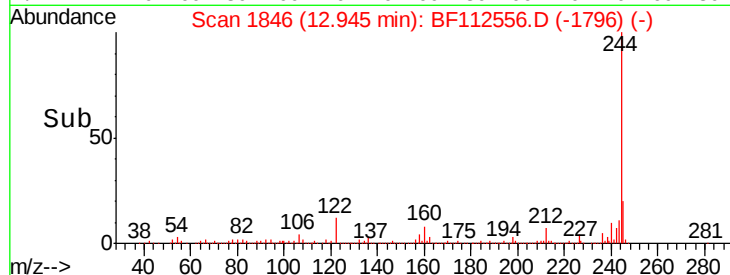
122 11.9 9.8 14.6



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: 0.805 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

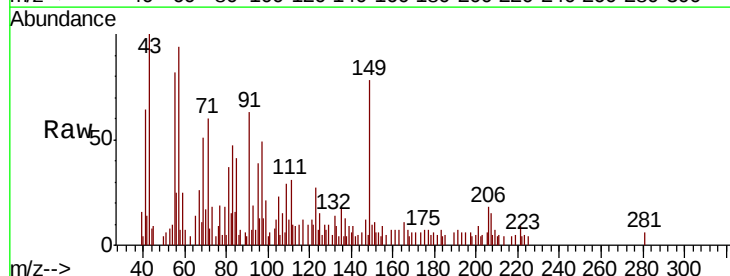
Tgt Ion:149 Resp: 4822

Ion Ratio Lower Upper

149 100

91 80.6 50.3 75.5#

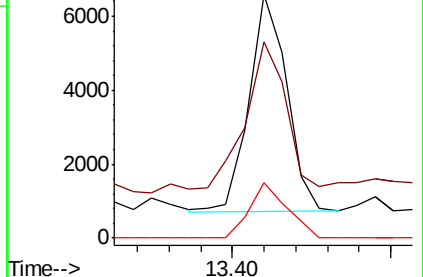
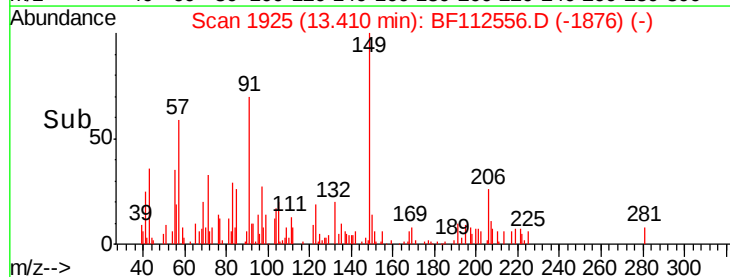
206 22.6 18.2 27.4

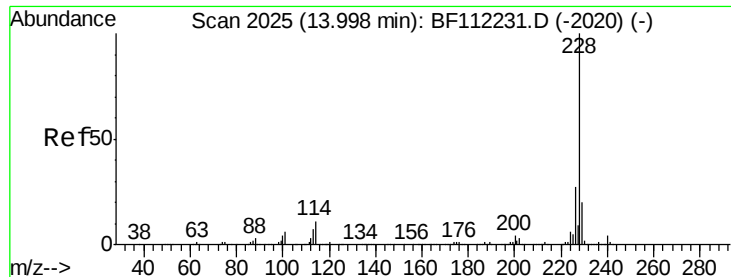


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.117 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

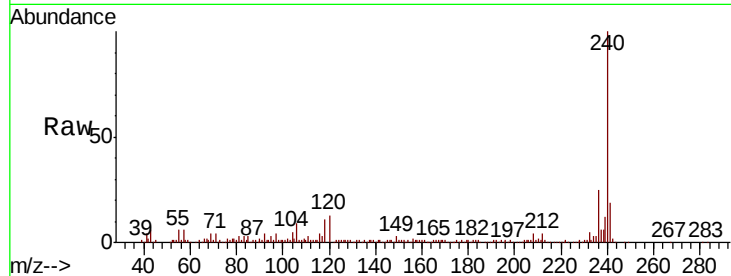
Tgt Ion:228 Resp: 1235

Ion Ratio Lower Upper

228 100

226 57.8 22.6 34.0#

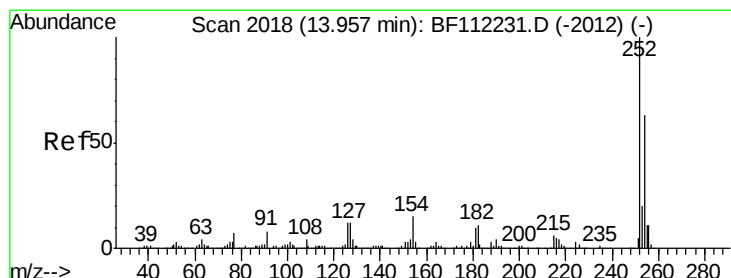
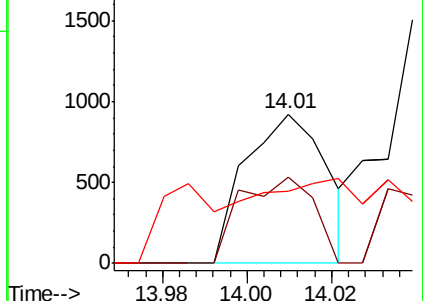
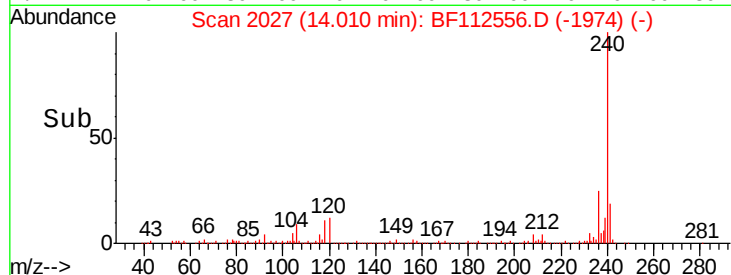
229 48.5 16.5 24.7#



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: 0.035 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.02 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

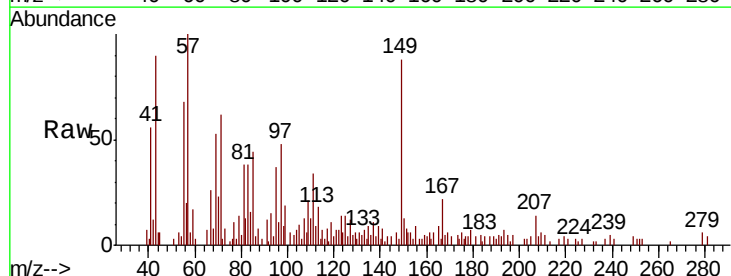
Tgt Ion:252 Resp: 139

Ion Ratio Lower Upper

252 100

254 0.0 51.6 77.4#

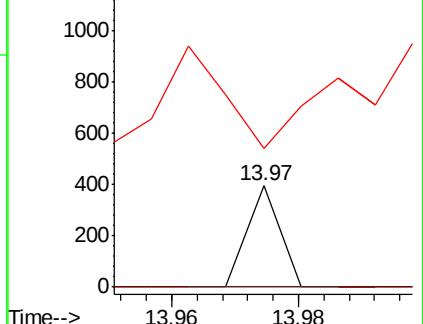
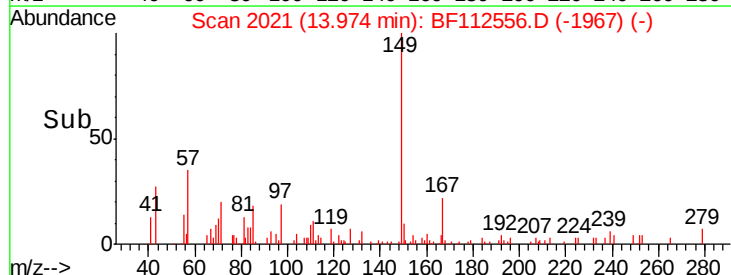
126 136.5 8.6 12.8#

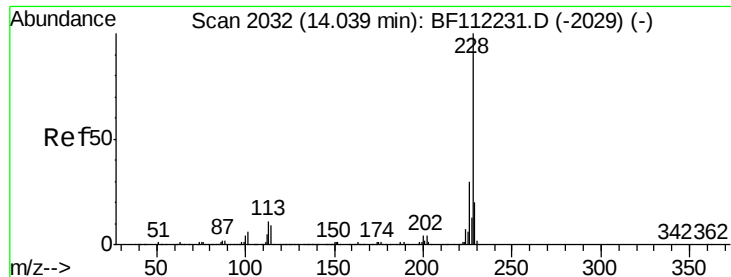


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.139 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

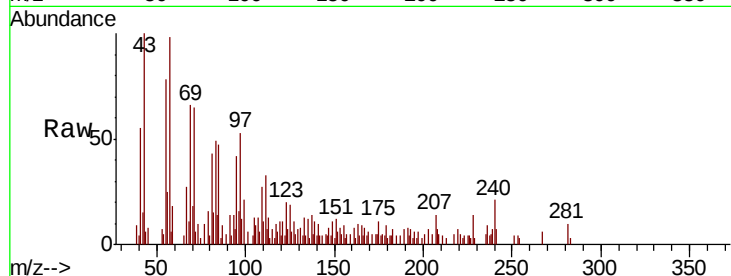
Tgt Ion: 228 Resp: 1394

Ion Ratio Lower Upper

228 100

226 28.2 25.0 37.6

229 25.3 16.6 24.8#

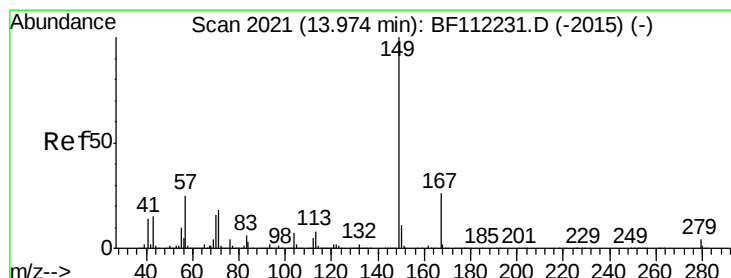
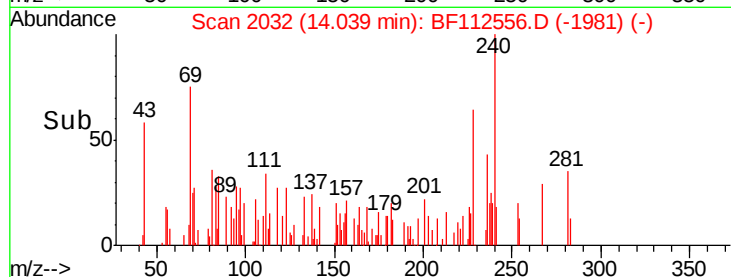
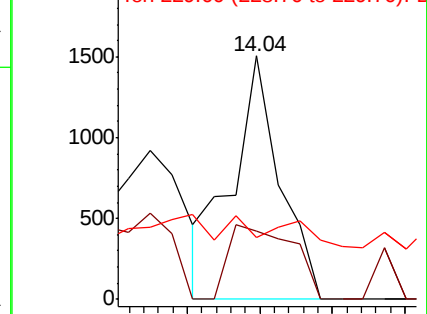


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.756 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

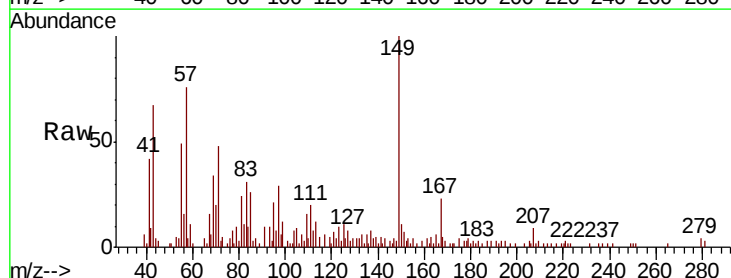
Tgt Ion: 149 Resp: 14941

Ion Ratio Lower Upper

149 100

167 23.2 22.5 33.7

279 4.1 3.8 5.6

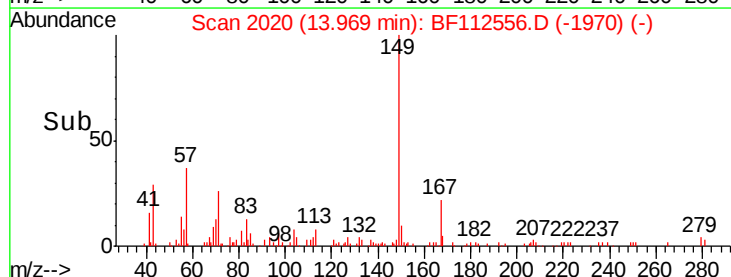
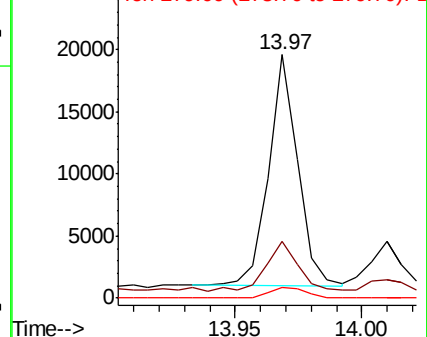


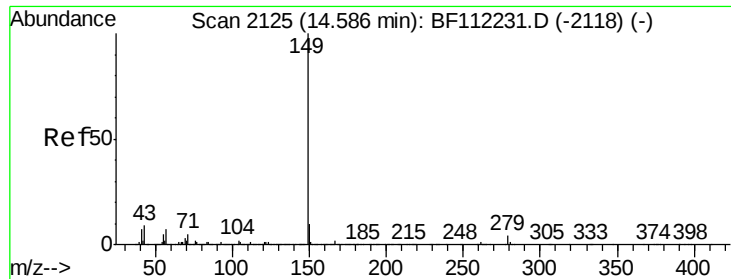
Abundance

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: 0.194 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampled :

HP-640

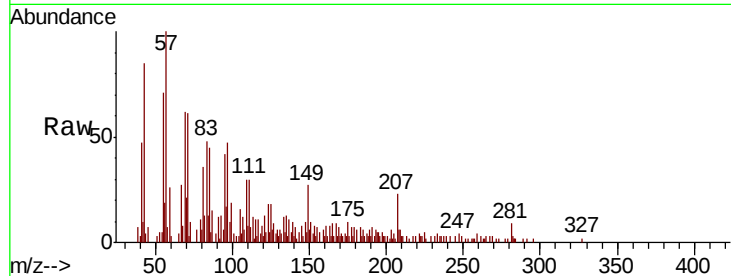
Tgt Ion:149 Resp: 2535

Ion Ratio Lower Upper

149 100

167 27.3 1.3 1.9#

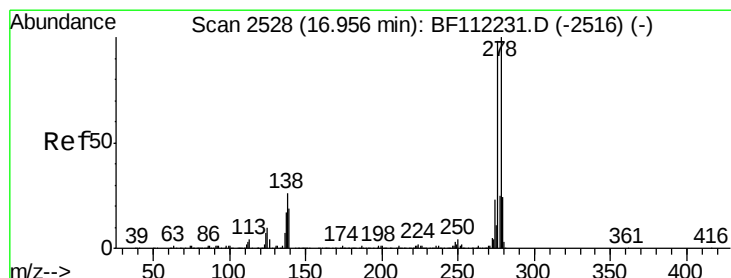
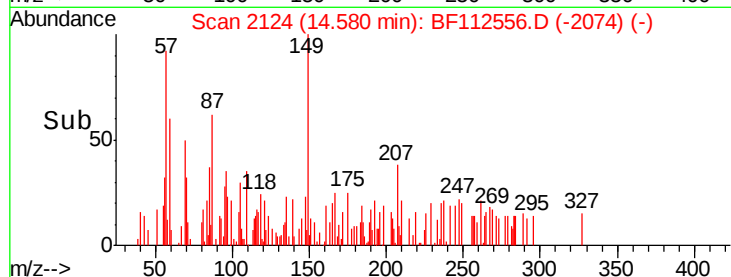
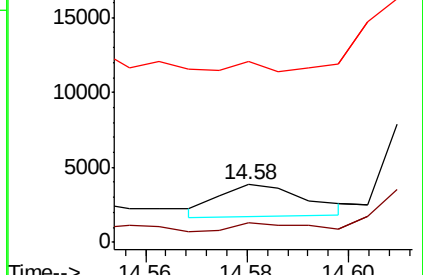
43 0.0 7.8 11.6#



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: 0.039 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.06 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

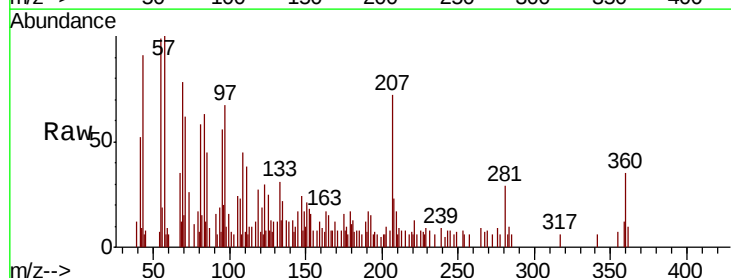
Tgt Ion:276 Resp: 311

Ion Ratio Lower Upper

276 100

138 134.7 22.6 34.0#

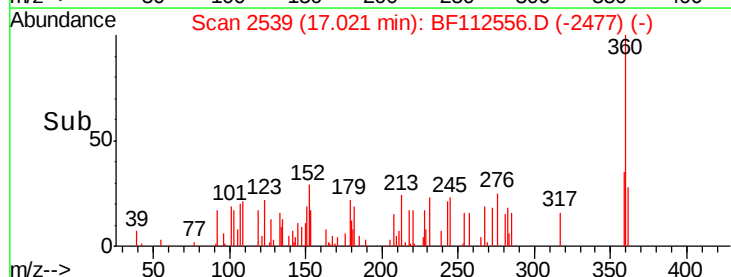
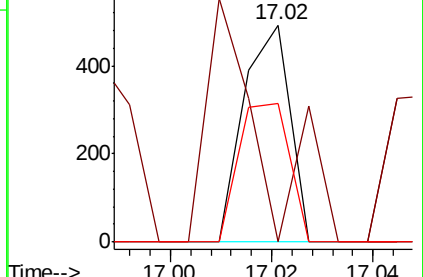
277 70.4 20.3 30.5#

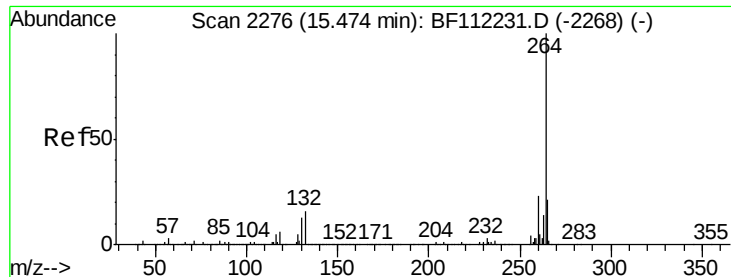


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



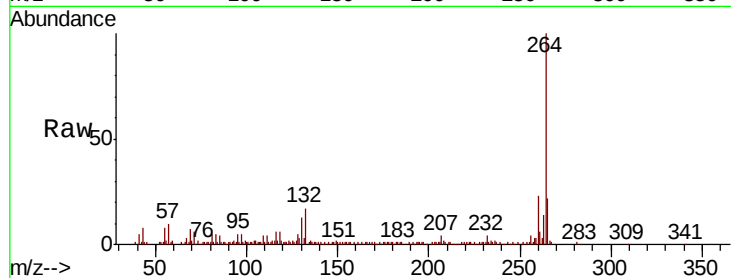


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Instrument :
BNA_F
ClientSampleId :
HP-640

Tgt Ion: 264 Resp: 121849

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	21.9	17.0	25.4

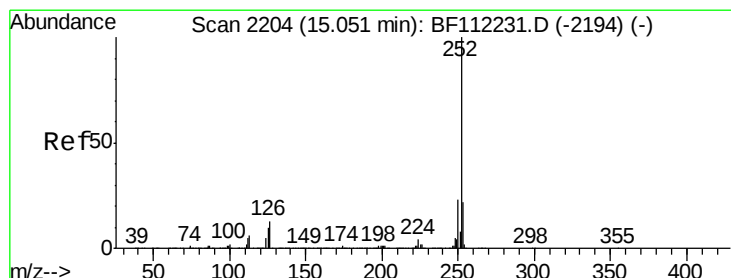
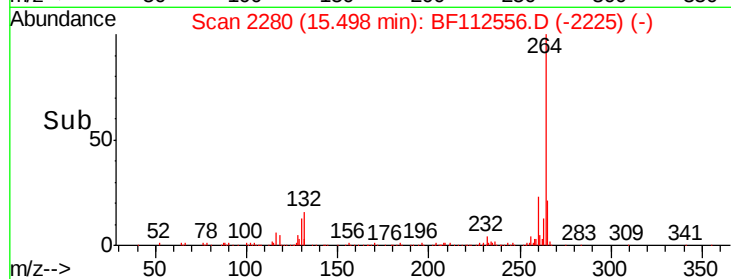
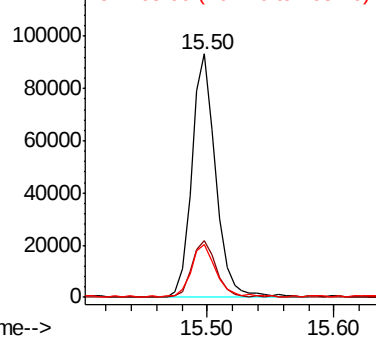


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

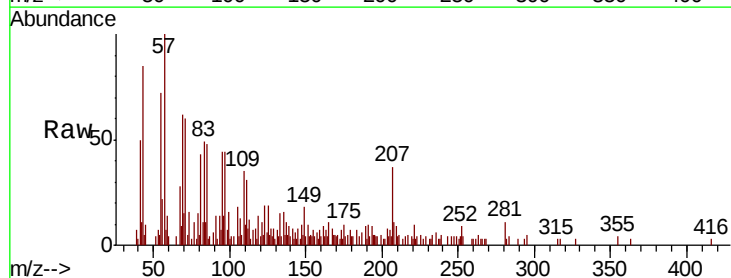
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 0.186 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BF112556.D
Acq: 14 Feb 2019 1:48

Tgt Ion: 252 Resp: 1353

Ion	Ratio	Lower	Upper
252	100		
253	48.2	18.0	27.0#
125	208.0	8.7	13.1#

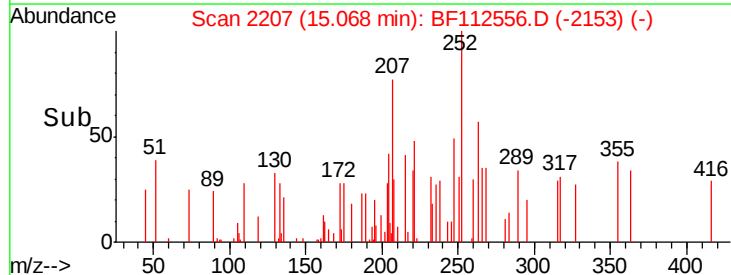
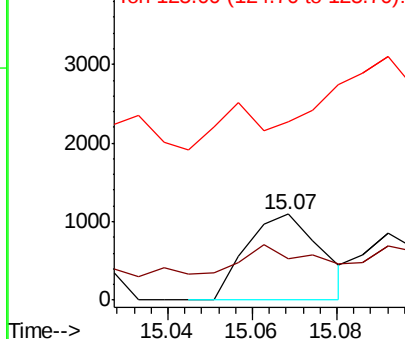


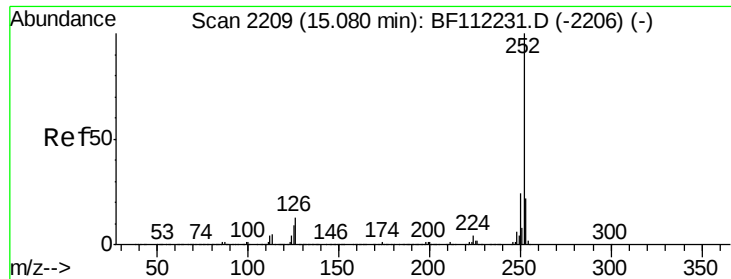
Abundance

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: 0.169 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampleId :

HP-640

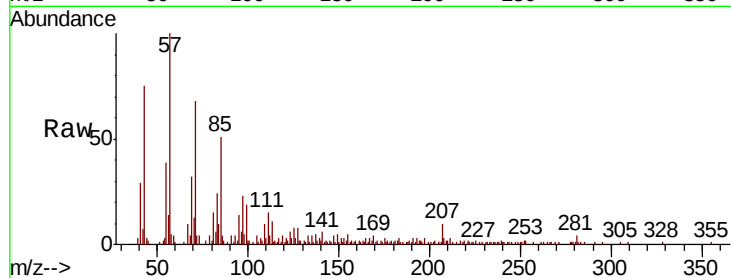
Tgt Ion:252 Resp: 1178

Ion Ratio Lower Upper

252 100

253 80.3 18.0 27.0#

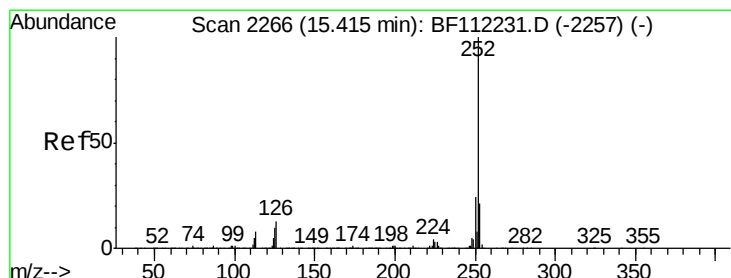
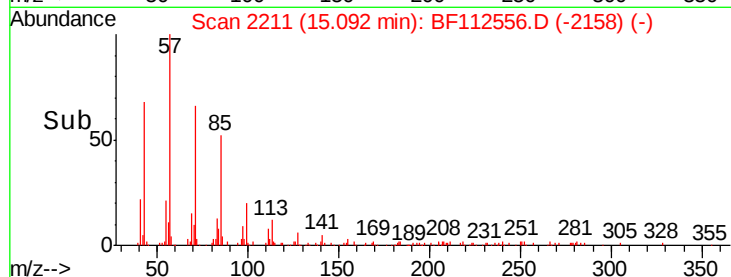
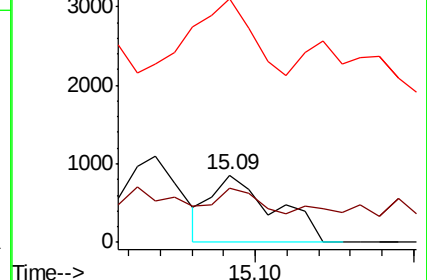
125 360.2 9.1 13.7#



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: 0.072 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.03 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

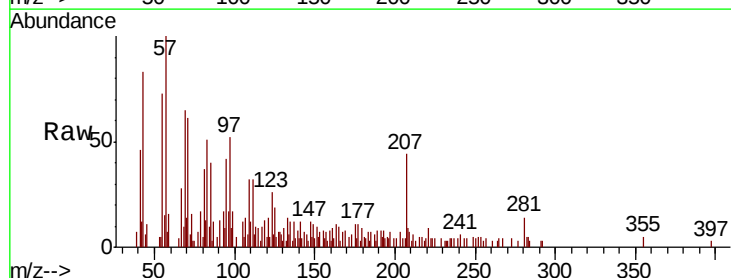
Tgt Ion:252 Resp: 469

Ion Ratio Lower Upper

252 100

253 102.7 17.5 26.3#

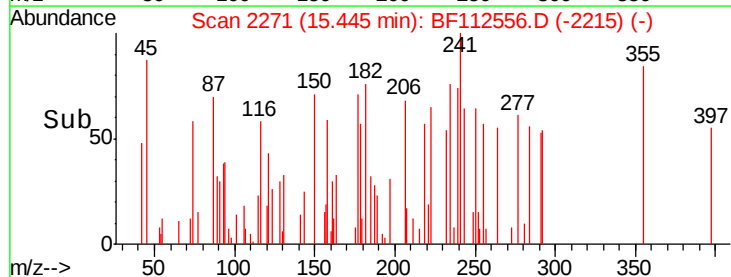
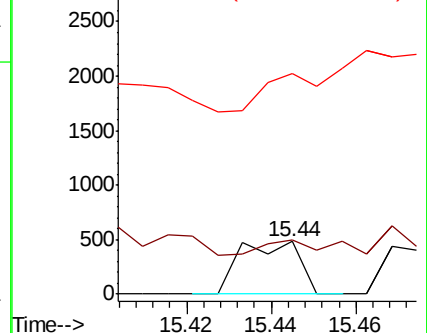
125 418.1 9.0 13.4#

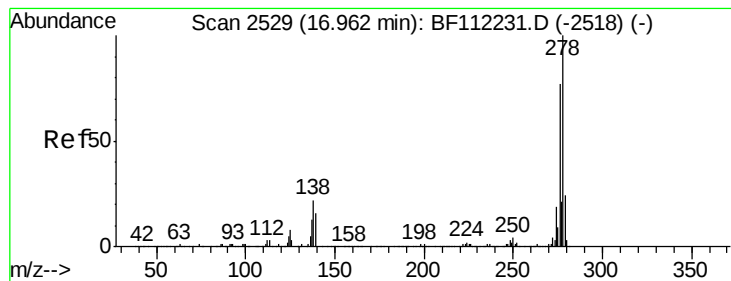


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.022 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.07 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

Instrument :

BNA_F

ClientSampled :

HP-640

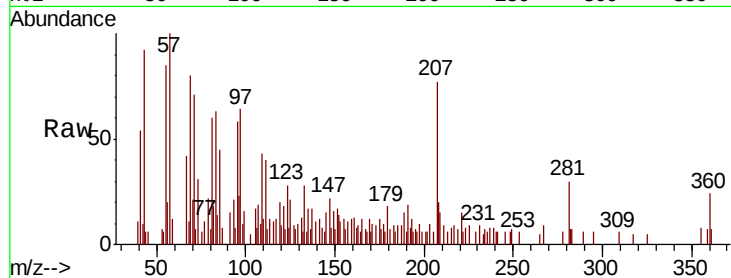
Tgt Ion:278 Resp: 116

Ion Ratio Lower Upper

278 100

139 193.3 13.7 20.5#

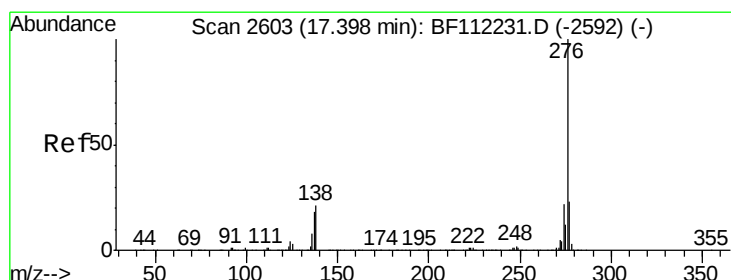
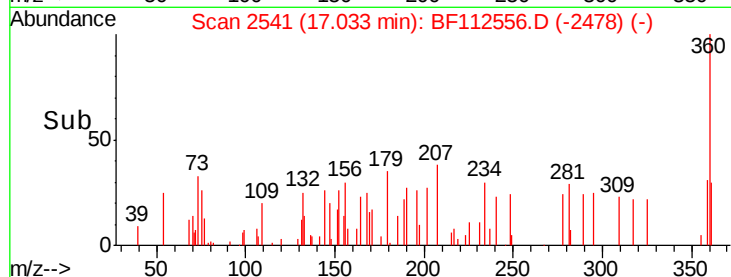
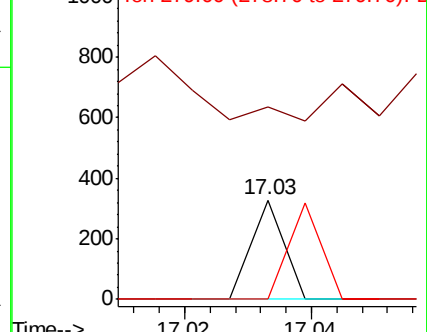
279 0.0 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.122 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.07 min

Lab File: BF112556.D

Acq: 14 Feb 2019 1:48

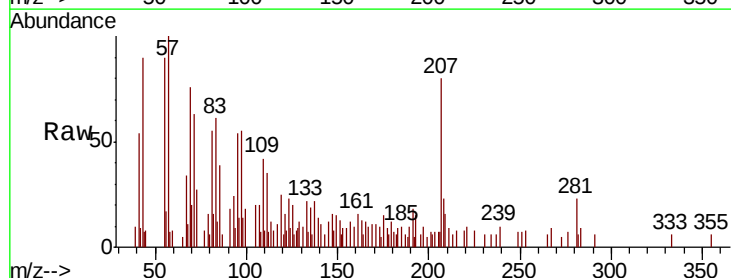
Tgt Ion:276 Resp: 608

Ion Ratio Lower Upper

276 100

277 0.0 19.4 29.0#

138 0.0 19.1 28.7#



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

