

Data File : BF115334.D
Acq On : 1 Jul 2019 13:05
Operator : HP/JU
Sample : PB120926BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120926BL

Quant Time: Jul 02 08:17:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	254863	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1003303	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	499704	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	999636	20.00	ng	0.00
76) Chrysene-d12	13.72	240	802417	20.00	ng	0.00
87) Perylene-d12	15.11	264	858674	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1501989	90.94	ng	0.02
7) Phenol-d6	6.25	99	1886210	94.09	ng	0.01
23) Nitrobenzene-d5	7.17	82	1142989	70.08	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	533495	101.24	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2150410	73.10	ng	0.00
79) Terphenyl-d14	12.69	244	2448358	64.87	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.37	93	2236	0.081	ng	# 1
8) 2-Chlorophenol	6.38	128	537	0.029	ng	# 1
9) Benzaldehyde	6.24	77	2747	0.210	ng	# 1
10) Phenol	6.25	94	216	0.009	ng	# 1
11) bis(2-Chloroethyl)ether	6.37	93	2236	0.129	ng	# 1
15) Benzyl Alcohol	6.76	79	18651	1.278	ng	# 41
17) 2-Methylphenol	6.76	107	122	0.008	ng	# 1
19) n-Nitroso-di-n-propylamine	7.17	70	150416	11.720	ng	# 76
20) 3+4-Methylphenols	6.76	107	122	0.007	ng	# 1
24) Nitrobenzene	7.17	77	3316	0.185	ng	# 29
25) Isophorone	7.17	82	1127198	33.737	ng	# 63
28) bis(2-Chloroethoxy)methane	7.88	93	145	0.007	ng	# 1
38) 1-Methylnaphthalene	8.96	142	1047	0.033	ng	# 66
46) 1,1'-Biphenyl	9.06	154	4231	0.106	ng	# 99
48) 2-Nitroaniline	8.96	65	3315	0.351	ng	# 1
50) Dimethylphthalate	9.63	163	138603	3.770	ng	# 1
51) 2,6-Dinitrotoluene	9.63	165	63737	7.509	ng	# 28
52) Acenaphthene	9.63	154	1788	0.057	ng	# 5
57) 2,4-Dinitrotoluene	9.63	165	63737	5.816	ng	# 30
58) Fluorene	10.41	166	24216	Below Cal		# 94
63) Azobenzene	10.41	77	2023	0.059	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.41	198	1039	5.135	ng	# 1
66) n-Nitrosodiphenylamine	10.41	169	15169	0.487	ng	# 41
67) 4-Bromophenyl-phenylether	10.41	248	33812	3.120	ng	# 1
71) Phenanthrene	11.12	178	772	0.014	ng	# 58
72) Anthracene	11.12	178	772	0.014	ng	# 59
74) Di-n-butylphthalate	11.68	149	947	0.017	ng	# 77
75) Fluoranthene	12.30	202	881	0.016	ng	# 61
77) Benzidine	12.69	184	30719	0.862	ng	# 94
78) Pyrene	12.52	202	904	0.015	ng	# 56
81) Benzo(a)anthracene	13.72	228	3081	0.054	ng	# 62
83) Chrysene	13.72	228	3081	0.058	ng	# 59
84) Bis(2-ethylhexyl)phthalate	13.73	149	1271	0.036	ng	# 1
85) Di-n-octyl phthalate	14.35	149	682	0.011	ng	# 1

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070119\
Quantitation Report (Not Reviewed)

Data File : BF115334.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	16.35	276	128	0.002	ng	# 1
88) Benzo(b)fluoranthene	14.73	252	732	0.014	ng	# 1
89) Benzo(k)fluoranthene	14.75	252	614	0.013	ng	# 1
90) Benzo(a)pyrene	15.05	252	586	0.012	ng	# 1
91) Dibenzo(a,h)anthracene	16.40	278	521	0.012	ng	# 1
92) Benzo(g,h,i)perylene	16.77	276	232	0.005	ng	# 51

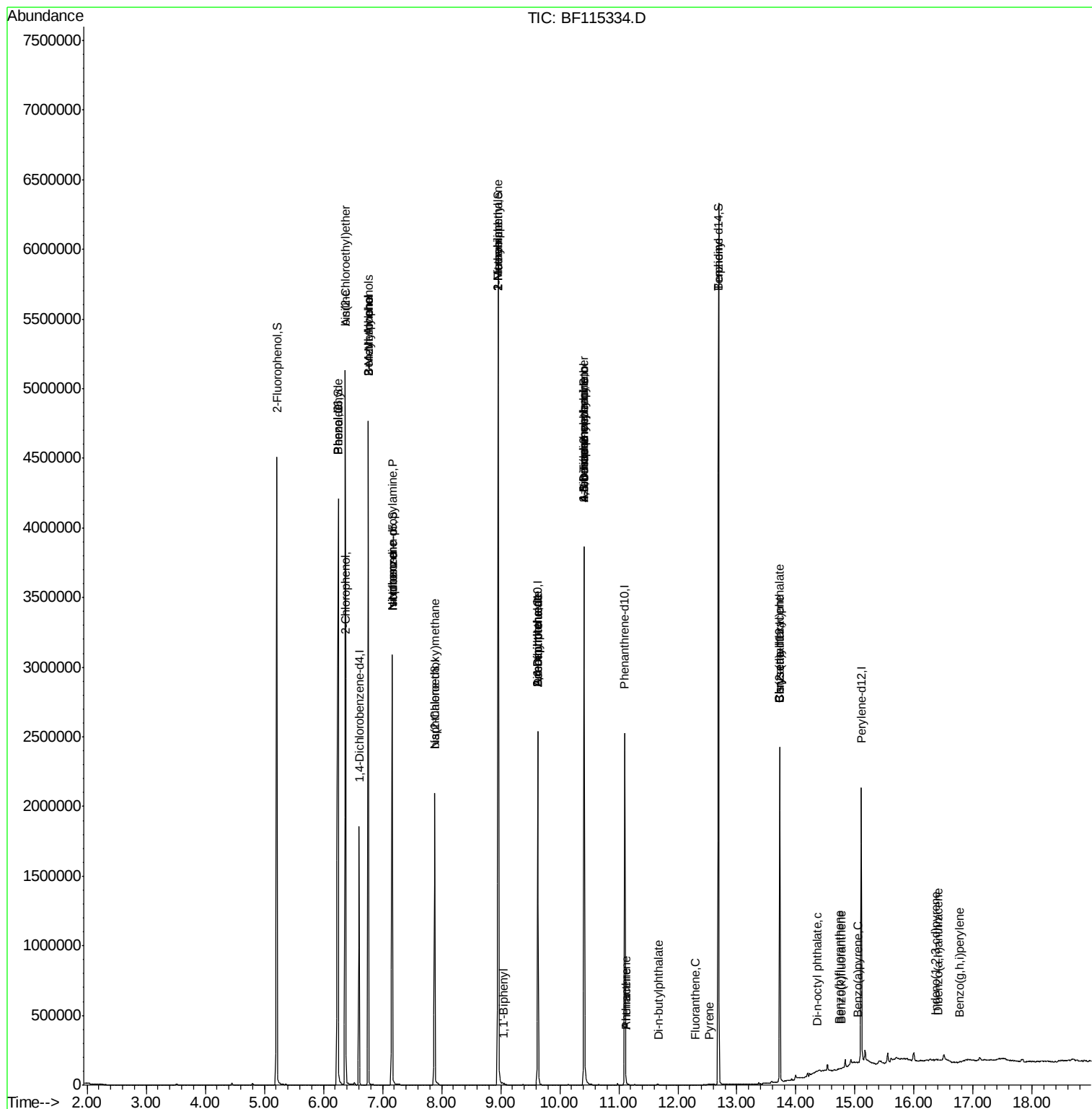
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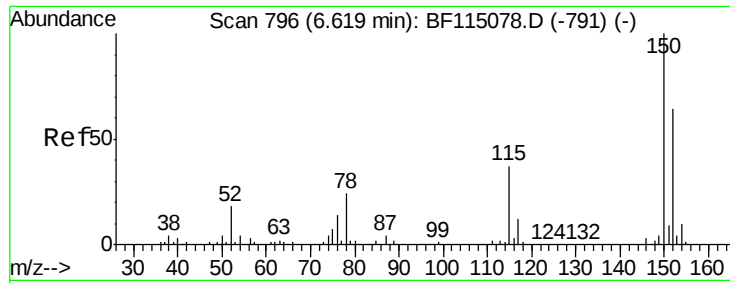
Data File : BF115334.D

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Operator     : HP/JU
Sample       : PB120926BL
Misc         :
ALS Vial     : 8      Sample Multipl
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ClientSampleId :
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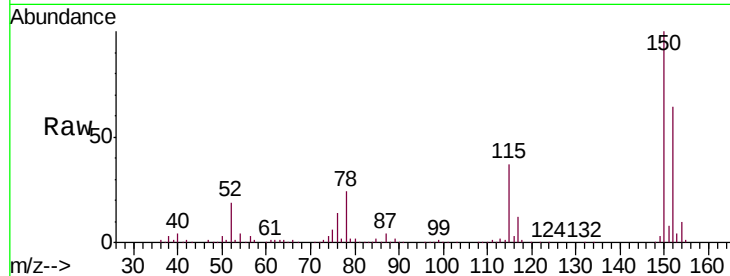




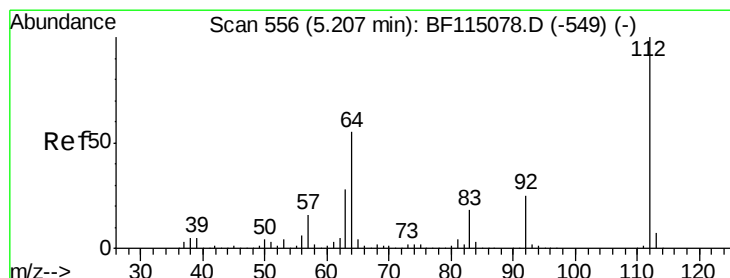
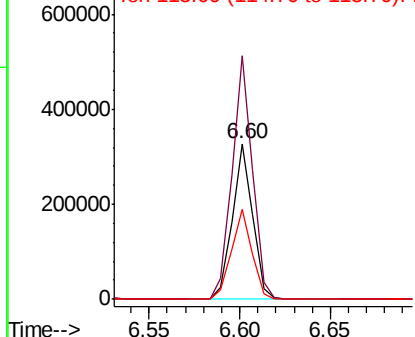
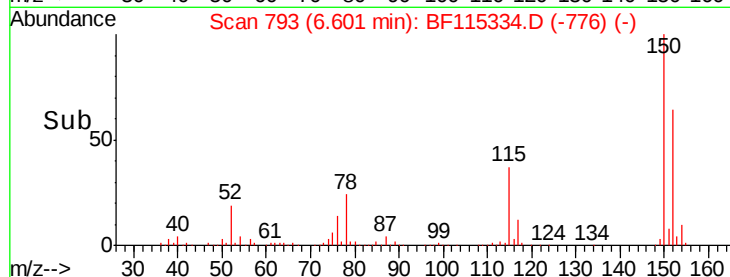
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BL

Tgt Ion:152 Resp: 254863
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.2 186.2
 115 58.3 46.1 69.1

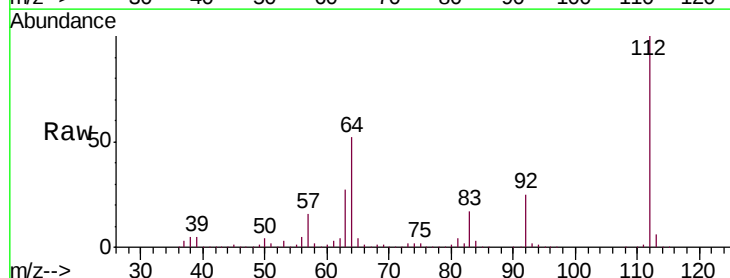


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

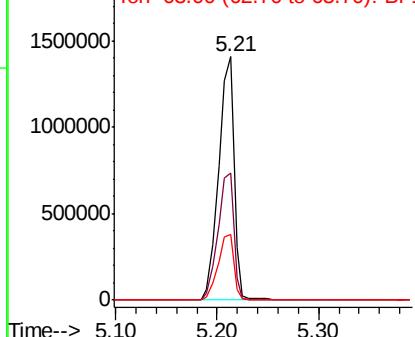
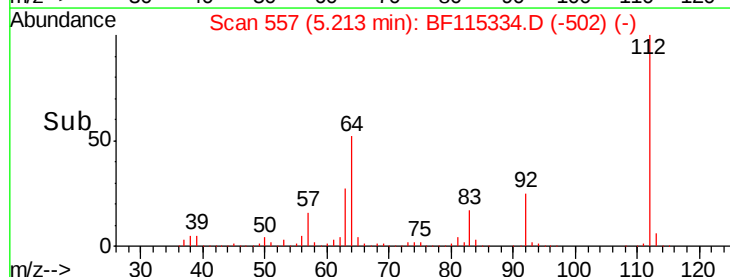


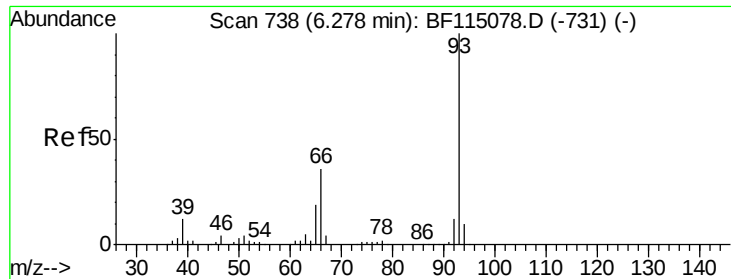
#5
 2-Fluorophenol
 Concen: 90.944 ng
 RT: 5.21 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Tgt Ion:112 Resp: 1501989
 Ion Ratio Lower Upper
 112 100
 64 52.3 43.8 65.6
 63 26.8 22.2 33.4



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: 0.081 ng

RT: 6.37 min Scan# 754

Delta R.T. 0.11 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

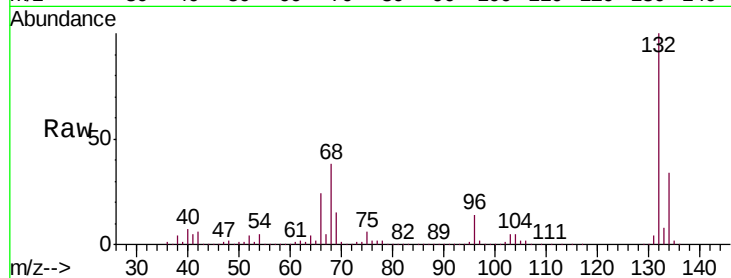
Tgt Ion: 93 Resp: 2236

Ion Ratio Lower Upper

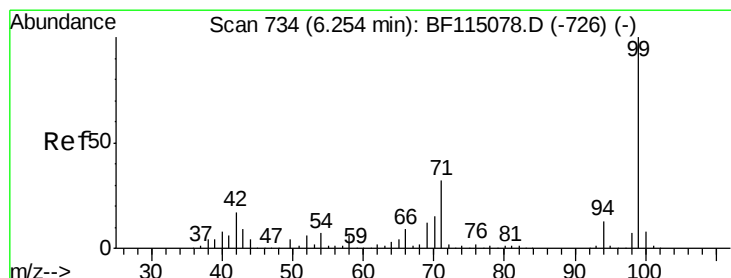
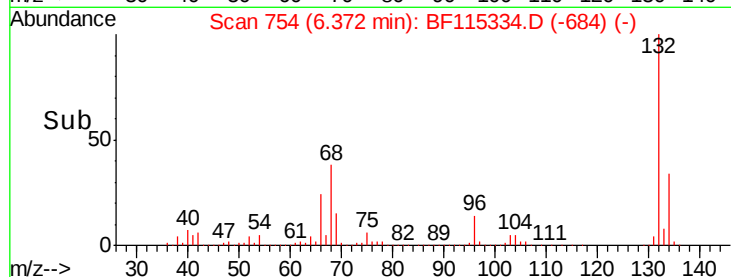
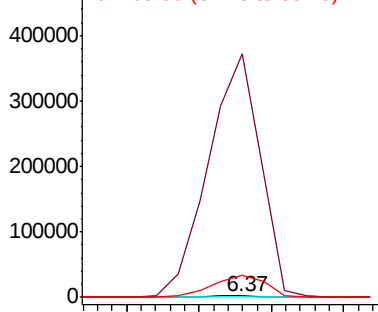
93 100

66 15651.3 30.0 45.0#

65 1436.8 15.6 23.4#



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: 94.095 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

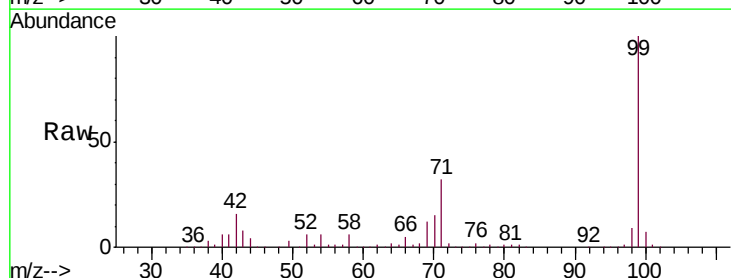
Tgt Ion: 99 Resp: 1886210

Ion Ratio Lower Upper

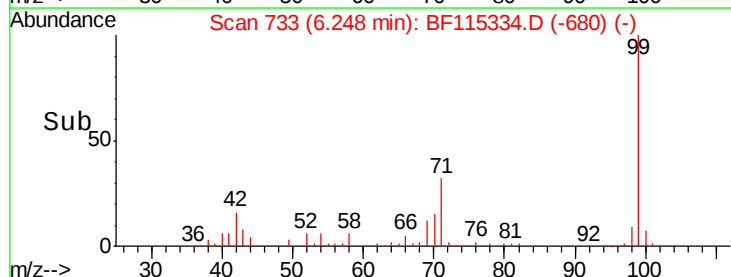
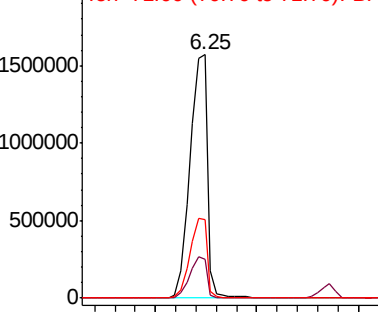
99 100

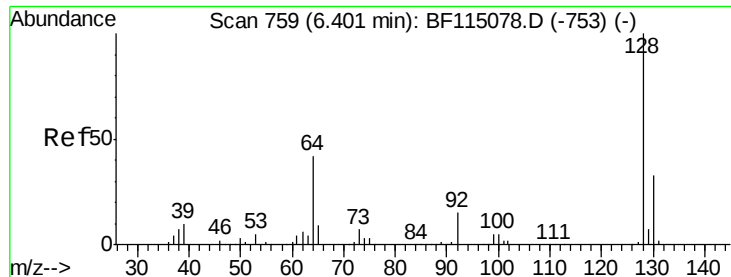
42 16.1 13.6 20.4

71 32.1 25.5 38.3



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

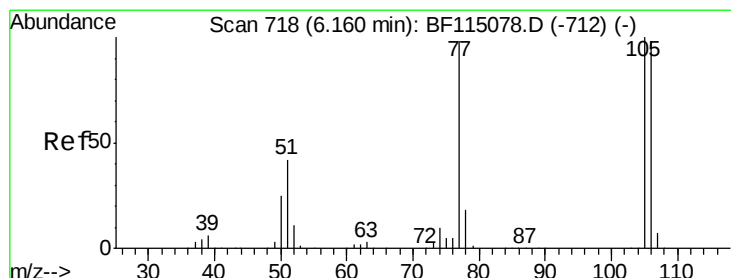
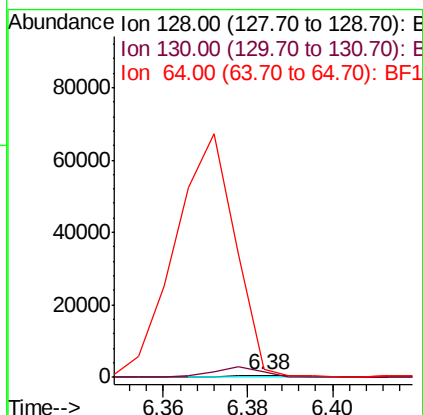
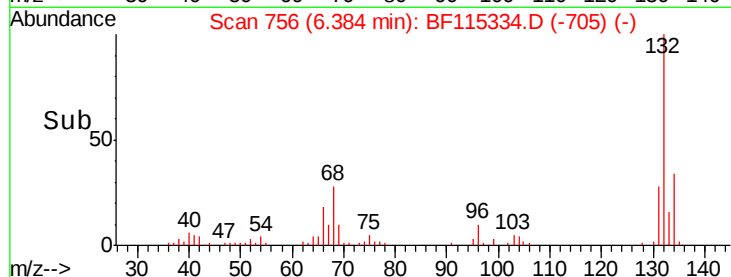
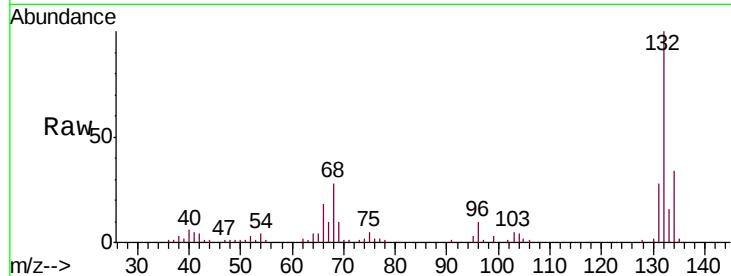




#8
2-Chlorophenol
Concen: 0.029 ng
RT: 6.38 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

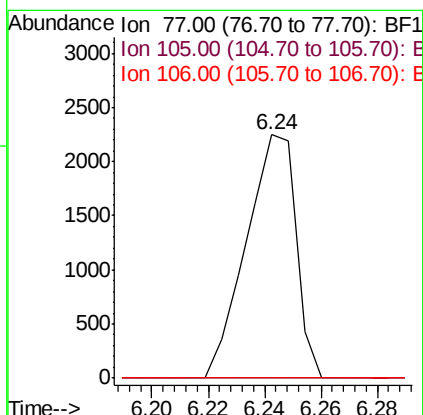
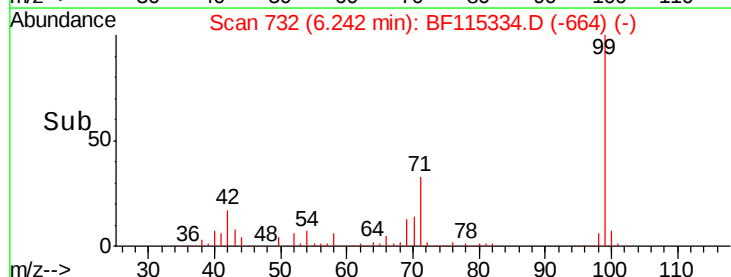
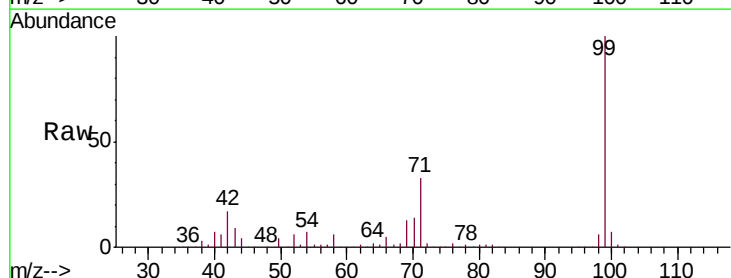
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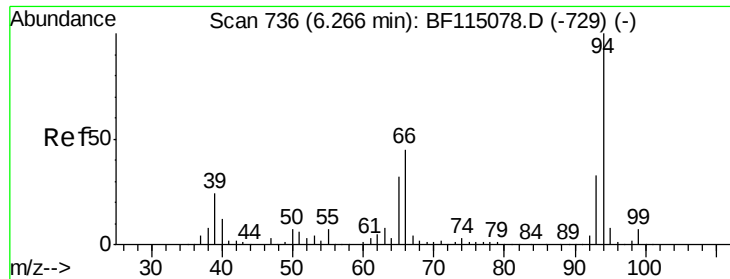
Tgt Ion:128 Resp: 537
Ion Ratio Lower Upper
128 100
130 232.8 12.9 52.9#
64 337.9 22.9 62.9#



#9
Benzaldehyde
Concen: 0.210 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.10 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Tgt Ion: 77 Resp: 2747
Ion Ratio Lower Upper
77 100
105 0.0 81.5 121.5#
106 0.0 79.7 119.7#

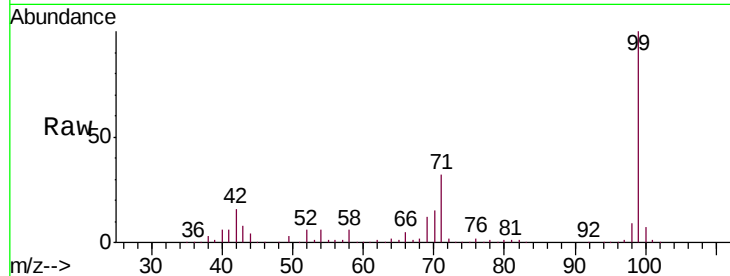




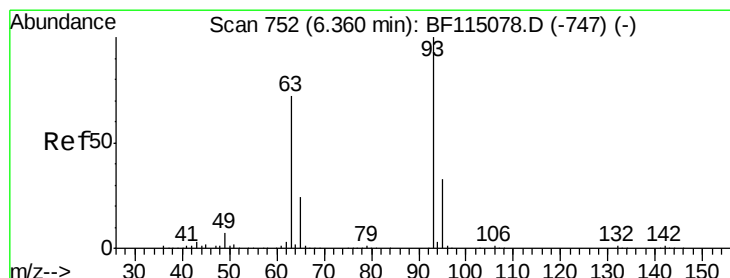
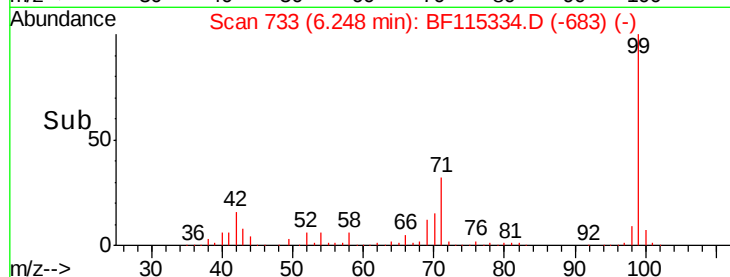
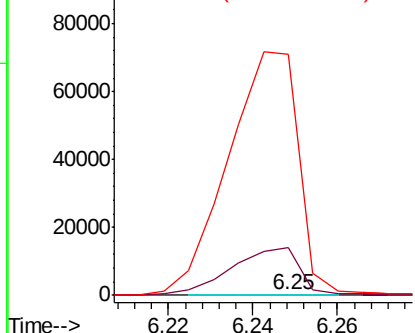
#10
Phenol
Concen: 0.009 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB120926BL

Tgt Ion: 94 Resp: 216
Ion Ratio Lower Upper
94 100
65 4614.2 11.9 51.9#
66 23029.1 25.2 65.2#

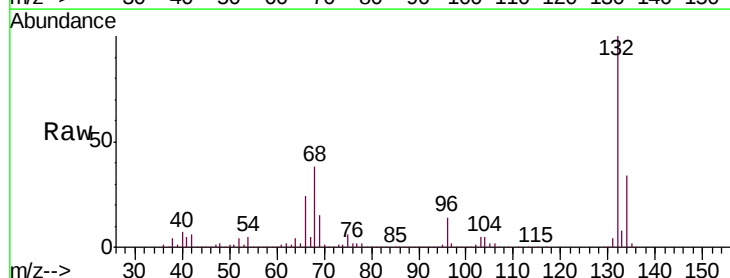


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

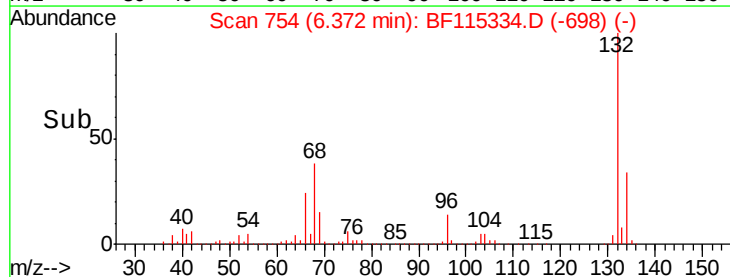
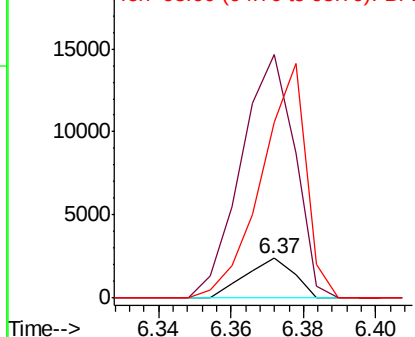


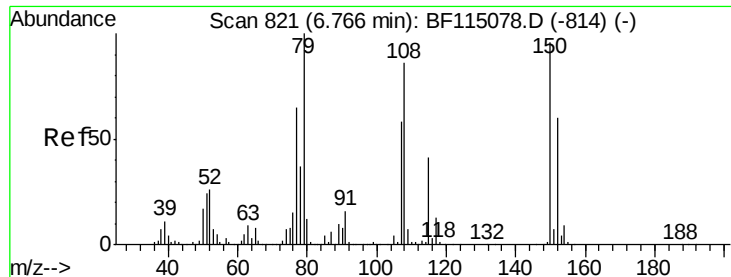
#11
bis(2-Chloroethyl)ether
Concen: 0.129 ng
RT: 6.37 min Scan# 754
Delta R.T. 0.03 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Tgt Ion: 93 Resp: 2236
Ion Ratio Lower Upper
93 100
63 616.2 51.5 91.5#
95 446.2 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: 1.278 ng

RT: 6.76 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

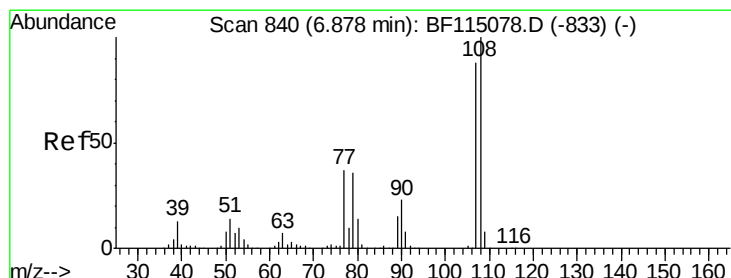
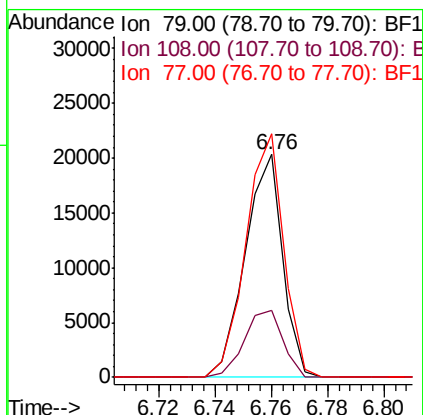
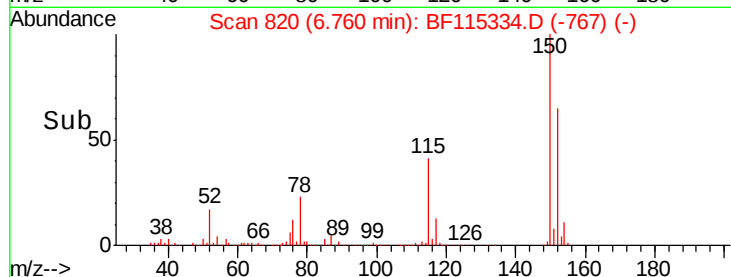
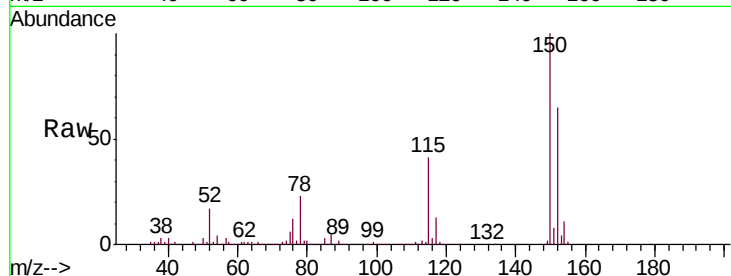
Tgt Ion: 79 Resp: 18651

Ion Ratio Lower Upper

79 100

108 30.1 68.7 103.1#

77 109.3 51.7 77.5#



#17

2-Methylphenol

Concen: 0.008 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.10 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Tgt Ion: 107 Resp: 122

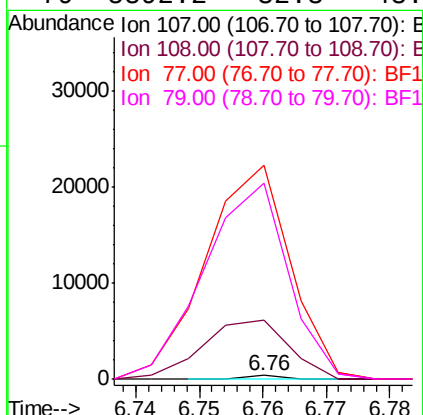
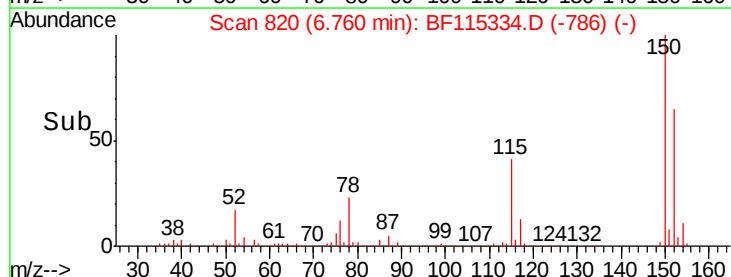
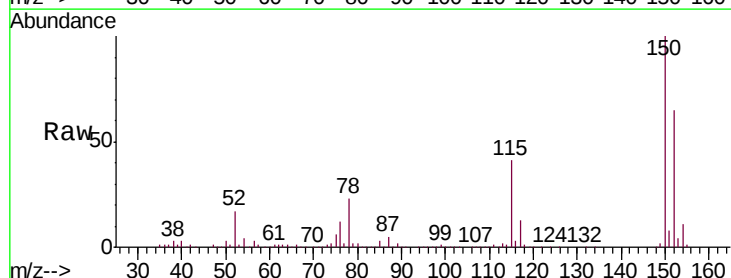
Ion Ratio Lower Upper

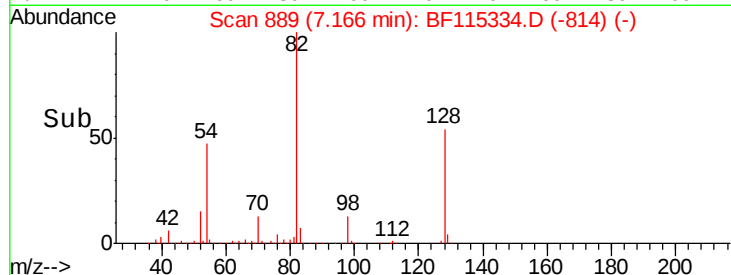
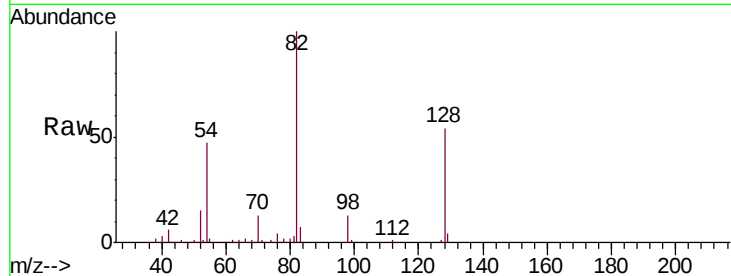
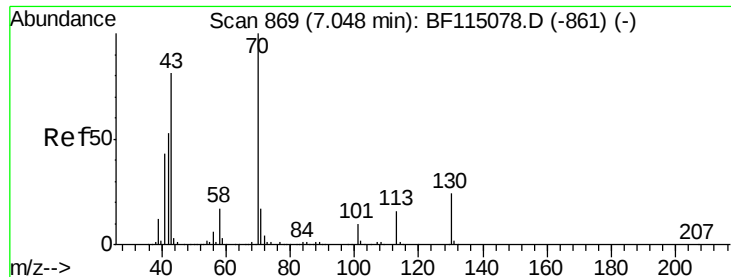
107 100

108 1774.8 90.9 136.3#

77 6439.4 33.4 50.2#

79 5892.2 32.3 48.5#

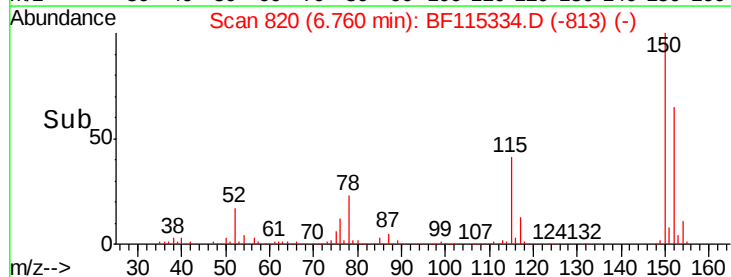
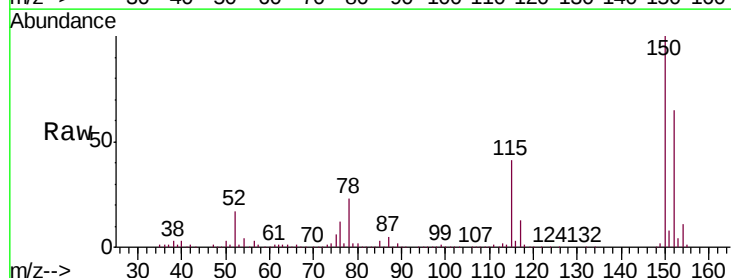
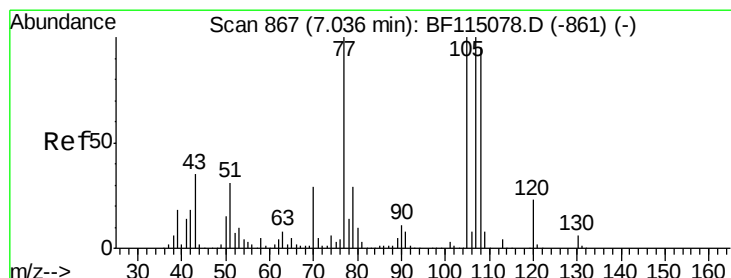
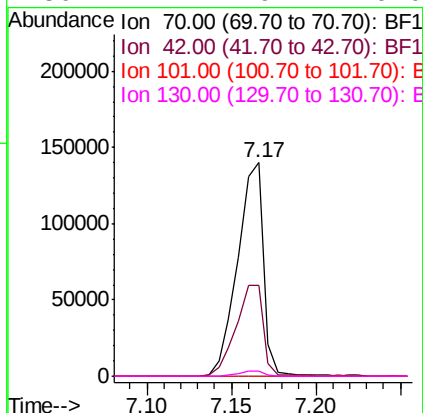




#19
n-Nitroso-di-n-propylamine
Concen: 11.720 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

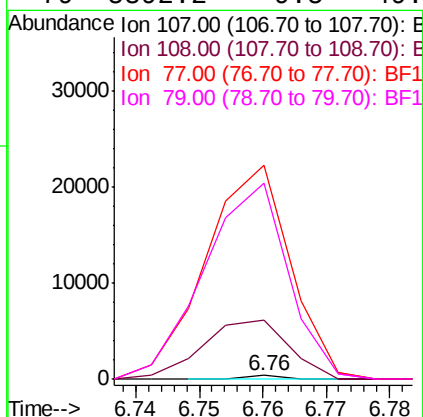
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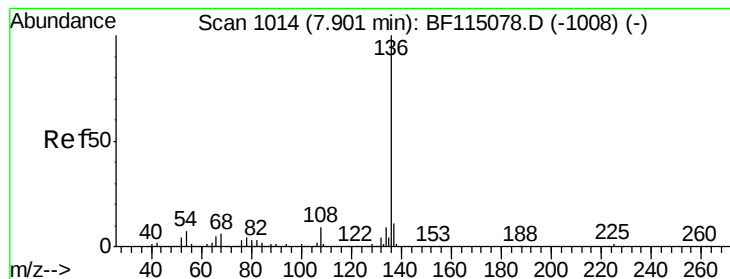
Tgt Ion: 70 Resp: 150416
Ion Ratio Lower Upper
70 100
42 42.8 42.6 63.8
101 0.0 8.0 12.0#
130 2.4 19.4 29.0#



#20
3+4-Methylphenols
Concen: 0.007 ng
RT: 6.76 min Scan# 820
Delta R.T. -0.26 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Tgt Ion: 107 Resp: 122
Ion Ratio Lower Upper
107 100
108 1774.8 75.5 115.5#
77 6439.4 80.2 120.2#
79 5892.2 9.5 49.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

Tgt Ion:136 Resp: 1003303

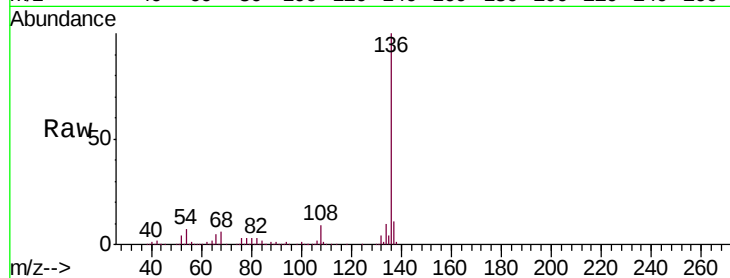
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.9 5.6 8.4

68 6.0 4.8 7.2

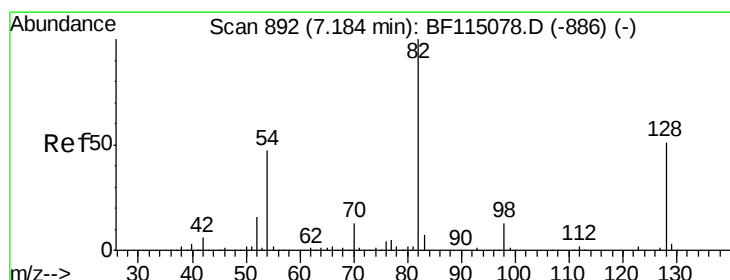
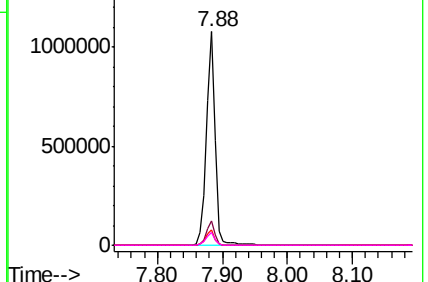
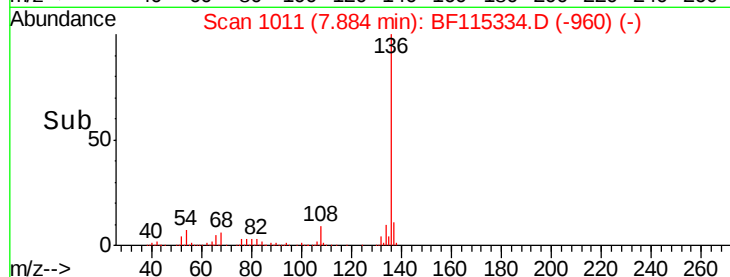


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 70.080 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

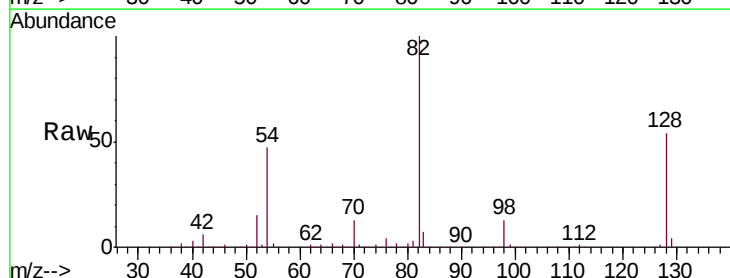
Tgt Ion: 82 Resp: 1142989

Ion Ratio Lower Upper

82 100

128 53.7 40.4 60.6

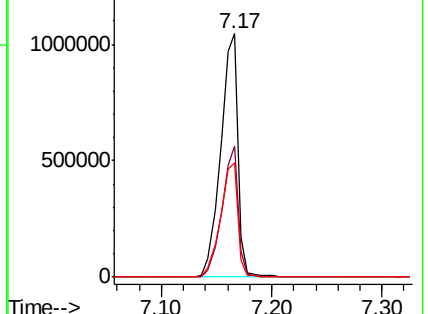
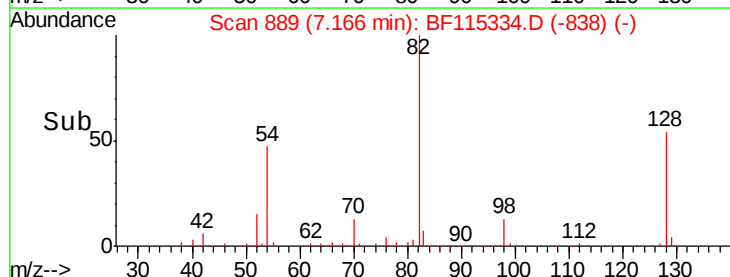
54 46.7 37.5 56.3

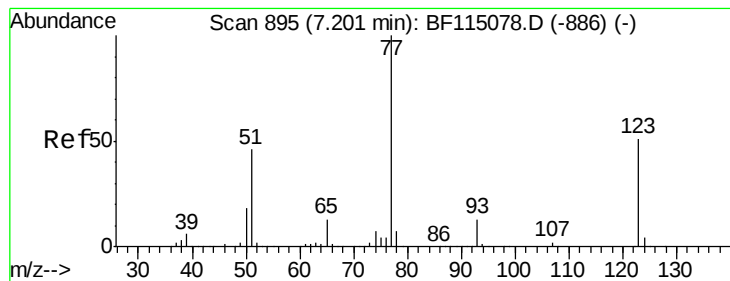


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.185 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

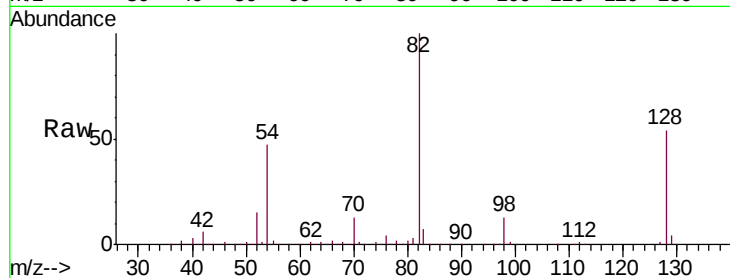
Tgt Ion: 77 Resp: 3316

Ion Ratio Lower Upper

77 100

123 0.0 41.0 61.6#

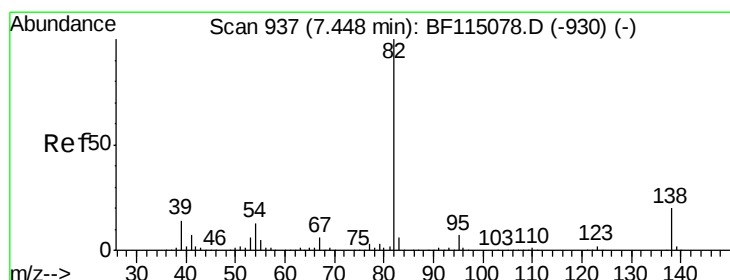
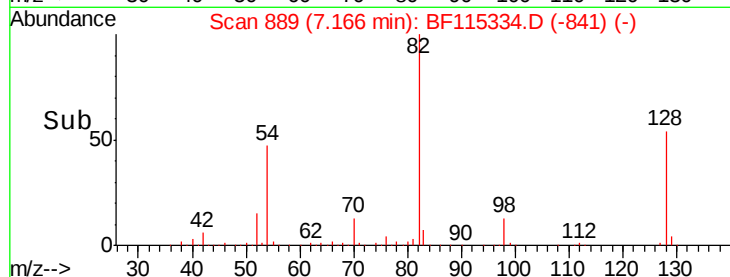
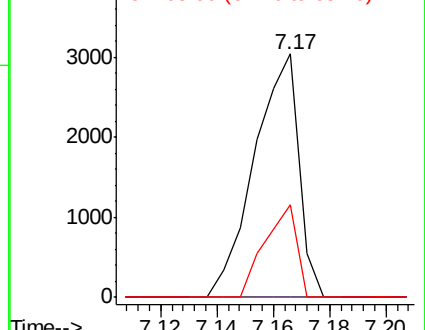
65 38.1 10.5 15.7#



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: 33.737 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

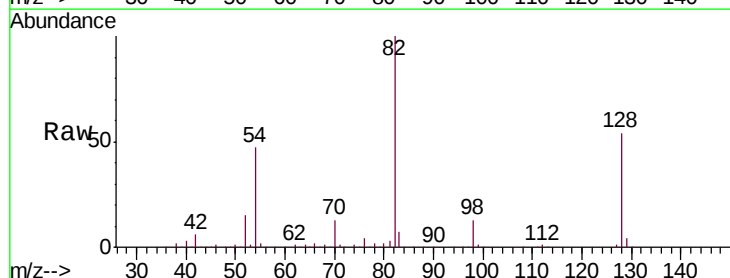
Tgt Ion: 82 Resp: 1127198

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

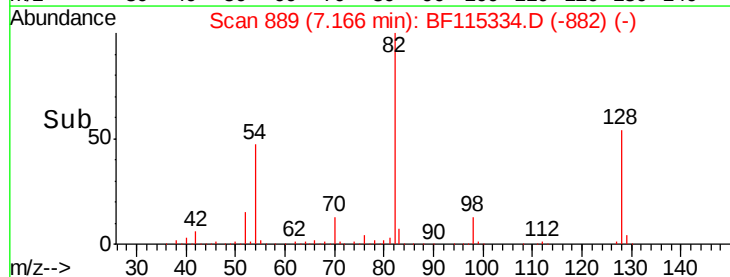
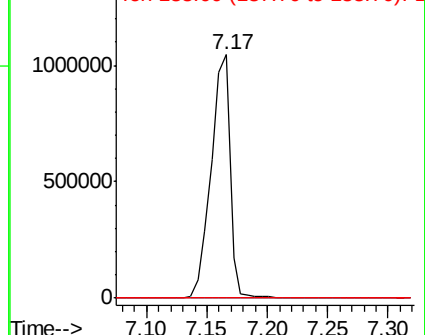
138 0.0 15.9 23.9#

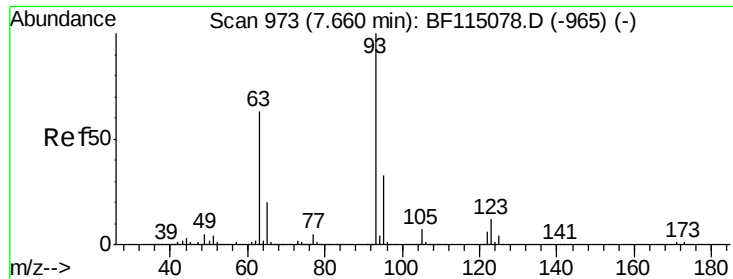


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

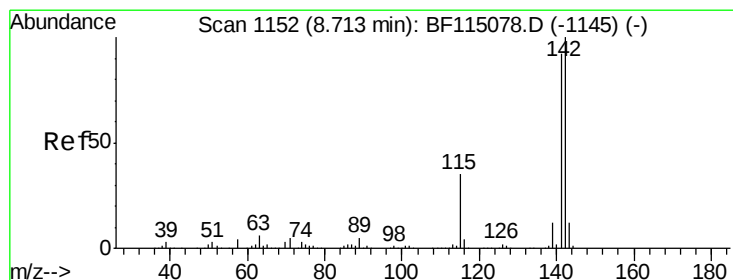
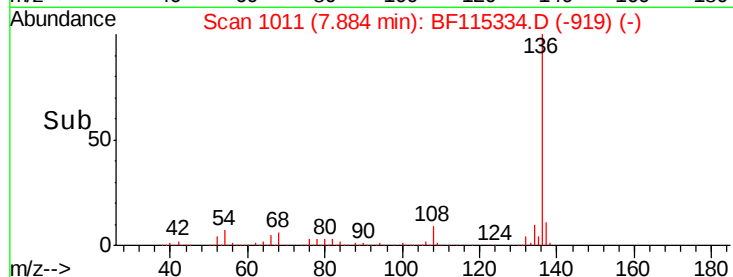
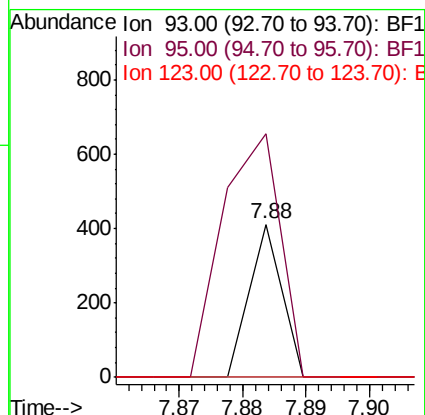
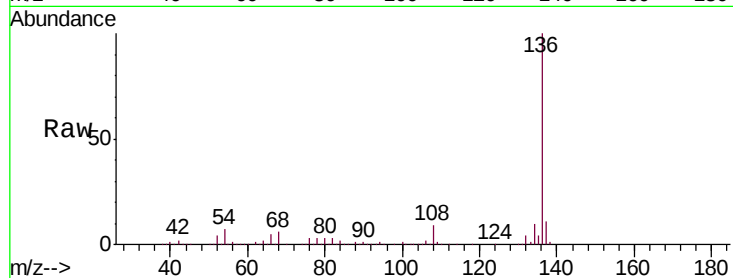




#28
 bis(2-Chloroethoxy)methane
 Concen: 0.007 ng
 RT: 7.88 min Scan# 1011
 Delta R.T. 0.24 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

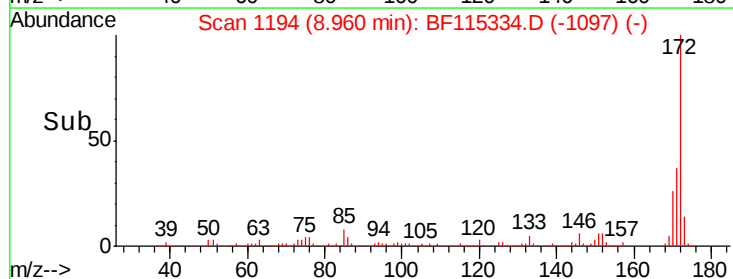
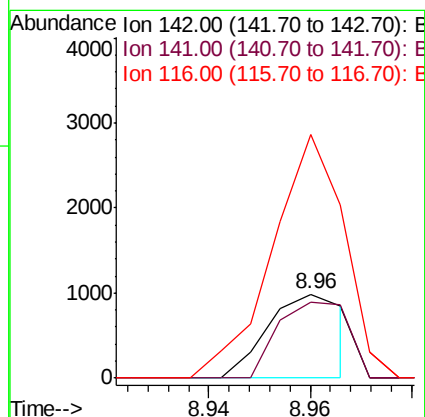
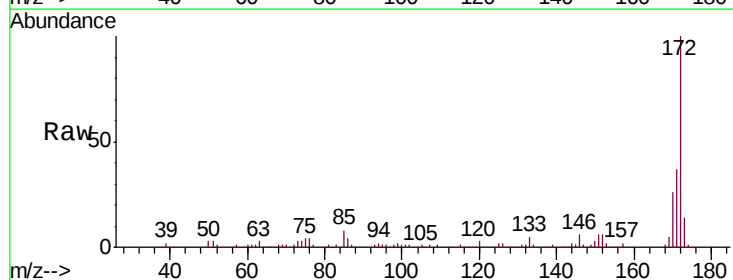
Instrument :
 BNA_F
 ClientSampleId :
 PB120926BL

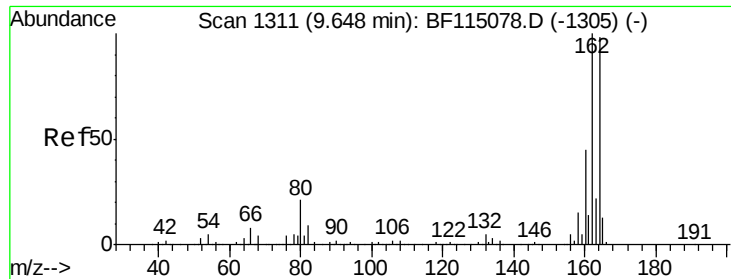
Tgt Ion: 93 Resp: 145
 Ion Ratio Lower Upper
 93 100
 95 159.4 26.2 39.4#
 123 0.0 9.7 14.5#



#38
 1-Methylnaphthalene
 Concen: 0.033 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.27 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Tgt Ion: 142 Resp: 1047
 Ion Ratio Lower Upper
 142 100
 141 89.9 73.8 110.8
 116 289.5 2.8 4.2#

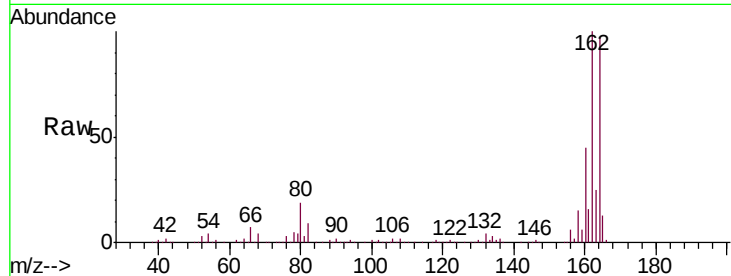




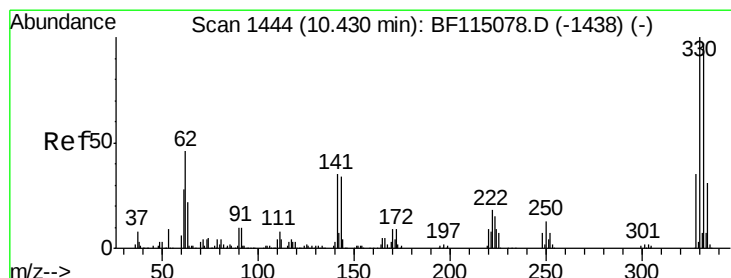
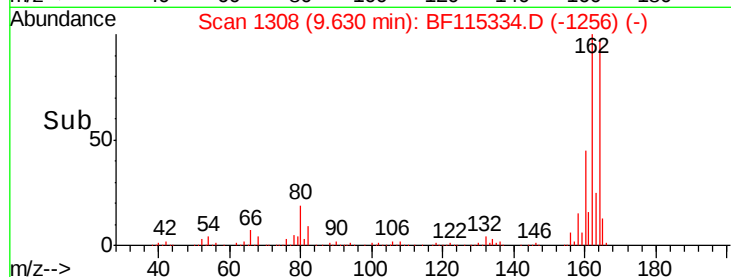
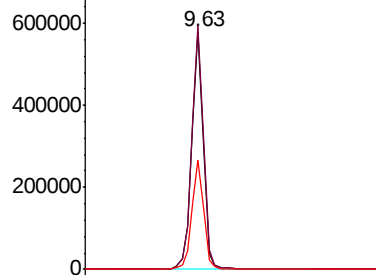
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB120926BL

Tgt Ion:164 Resp: 499704
Ion Ratio Lower Upper
164 100
162 102.6 81.7 122.5
160 46.2 37.0 55.4

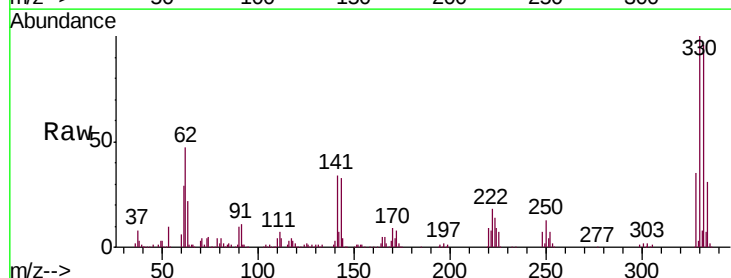


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

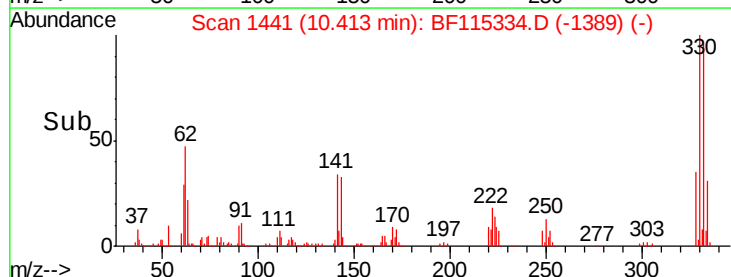
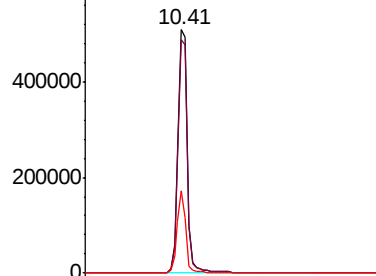


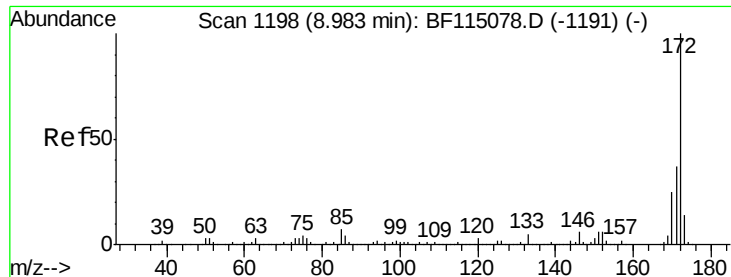
#42
2,4,6-Tribromophenol
Concen: 101.241 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Tgt Ion:330 Resp: 533495
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 31.7 28.2 42.2



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

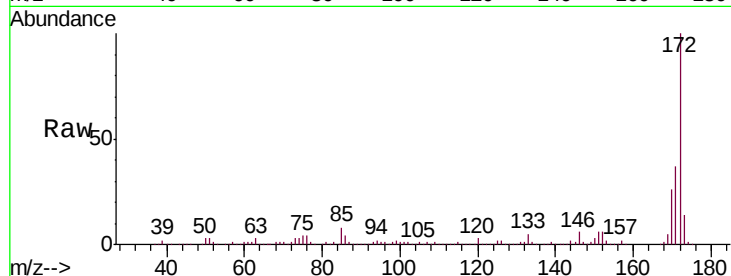




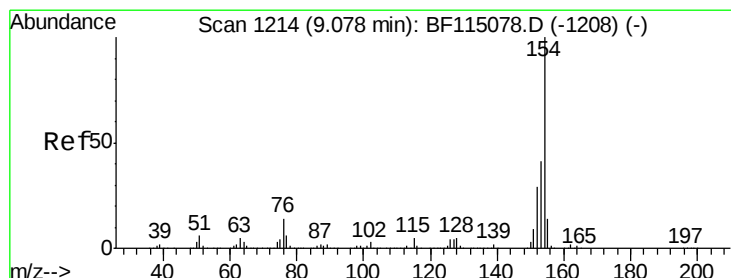
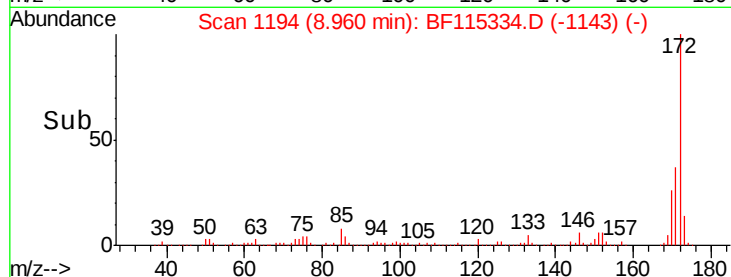
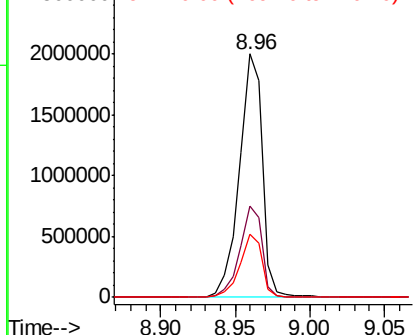
#45
 2-Fluorobiphenyl
 Concen: 73.098 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BL

Tgt Ion:172 Resp: 2150410
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.8 20.3 30.5

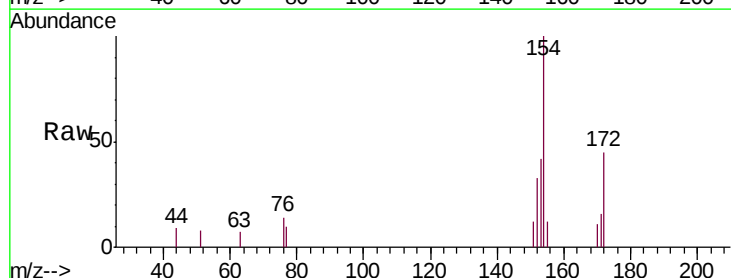


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

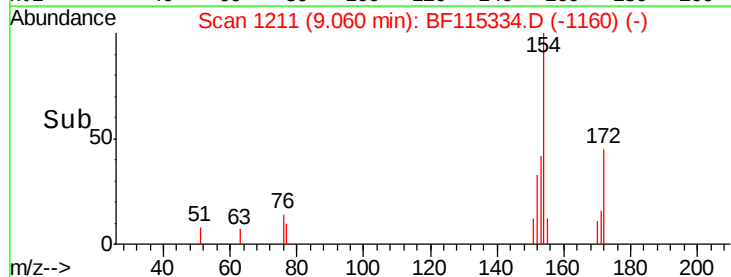
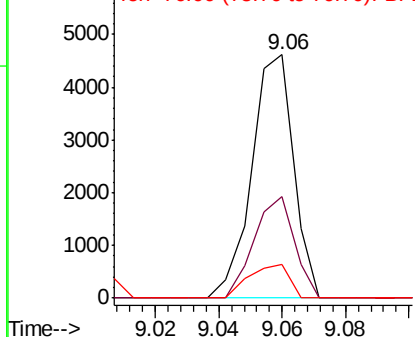


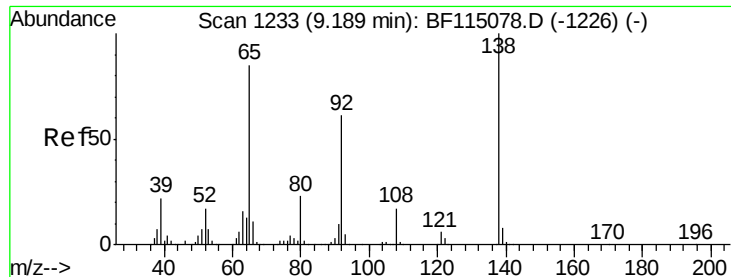
#46
 1,1'-Biphenyl
 Concen: 0.106 ng
 RT: 9.06 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Tgt Ion:154 Resp: 4231
 Ion Ratio Lower Upper
 154 100
 153 41.5 20.9 60.9
 76 13.9 0.0 34.1



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





#48

2-Nitroaniline

Concen: 0.351 ng

RT: 8.96 min Scan# 1194

Delta R.T. -0.21 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

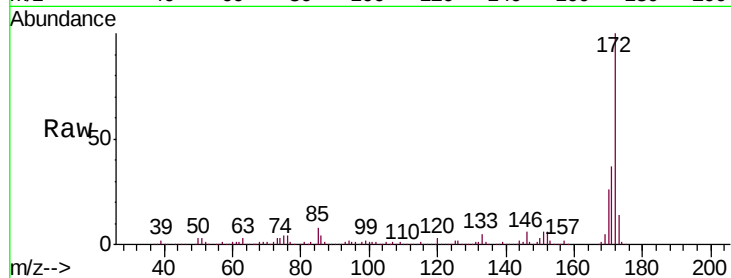
Tgt Ion: 65 Resp: 3315

Ion Ratio Lower Upper

65 100

92 221.1 57.4 86.2#

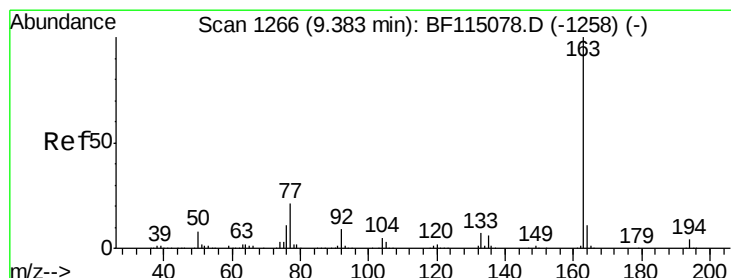
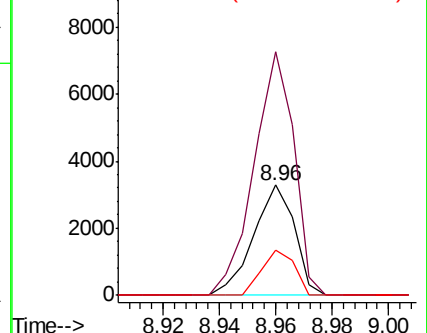
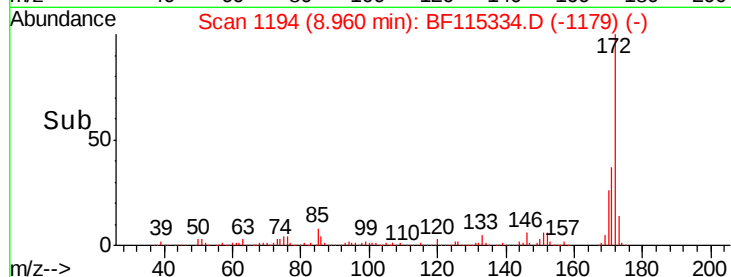
138 41.1 94.1 141.1#



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



#50

Dimethylphthalate

Concen: 3.770 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.27 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

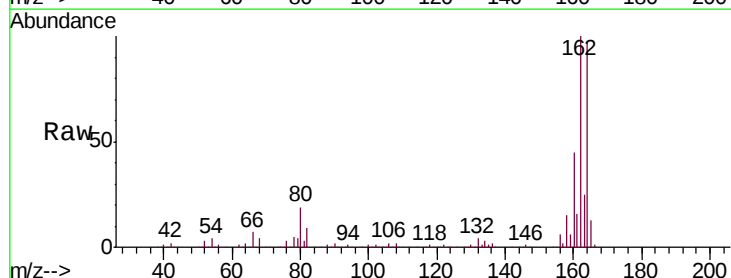
Tgt Ion: 163 Resp: 138603

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

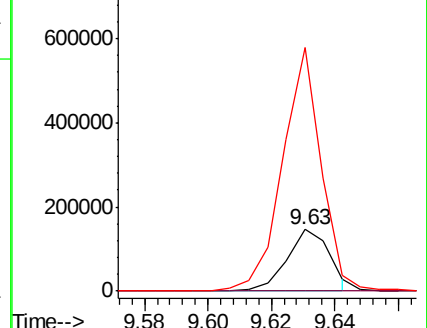
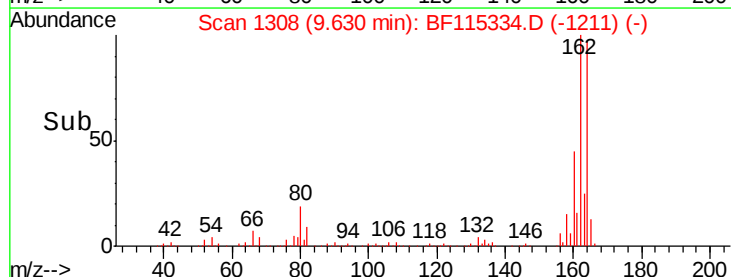
164 394.3 8.6 13.0#

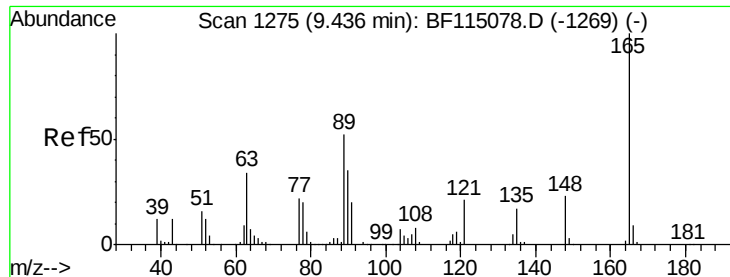


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.509 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.22 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

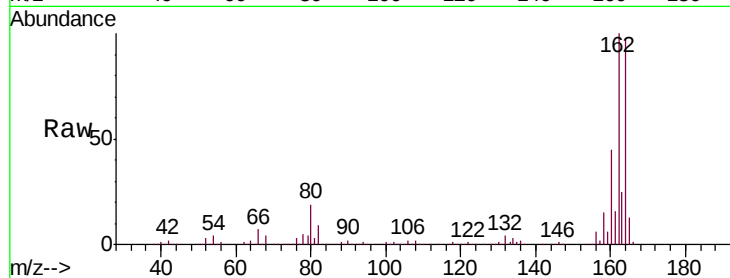
Tgt Ion:165 Resp: 63737

Ion Ratio Lower Upper

165 100

63 1.2 39.4 59.2#

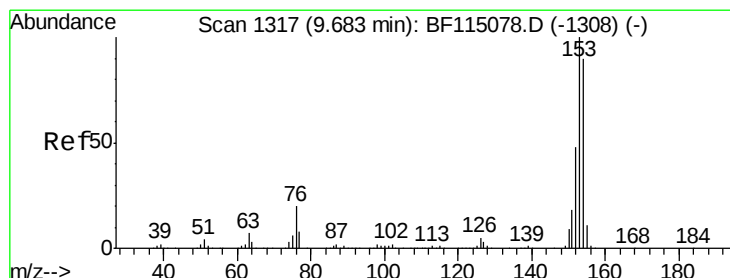
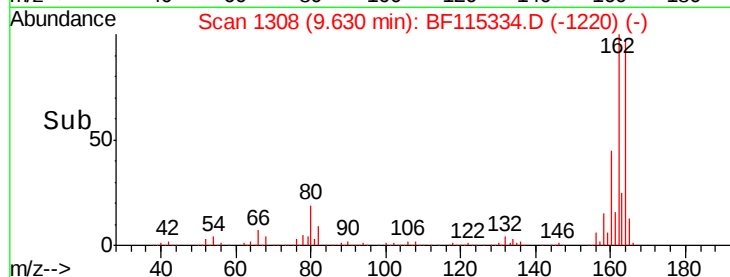
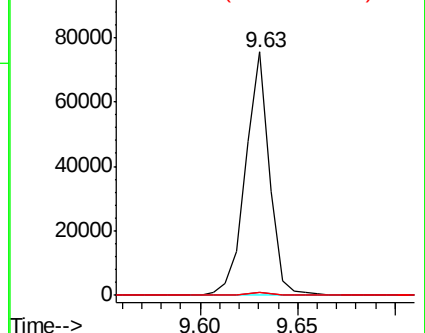
89 1.1 42.0 63.0#



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: 0.057 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

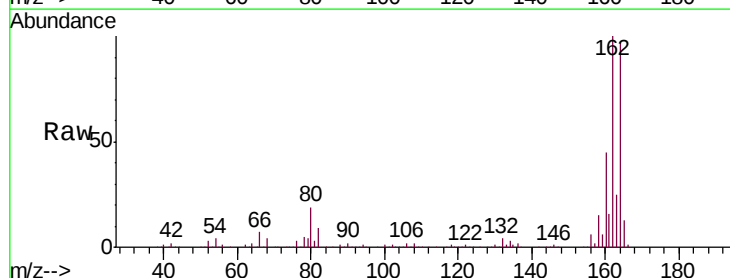
Tgt Ion:154 Resp: 1788

Ion Ratio Lower Upper

154 100

153 0.0 88.7 133.1#

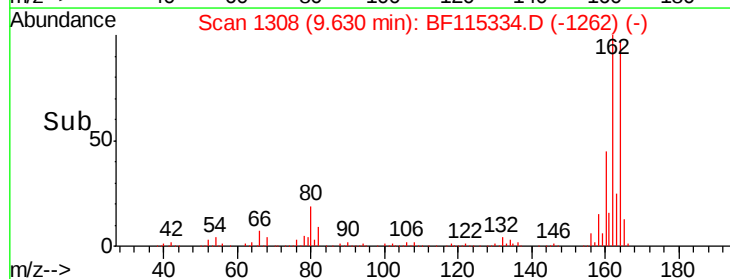
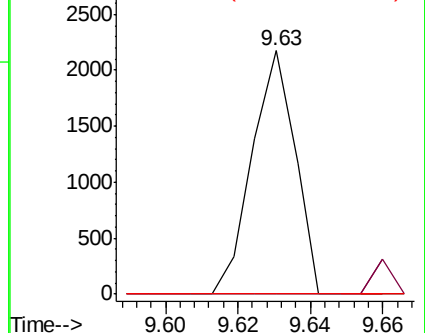
152 0.0 42.6 64.0#

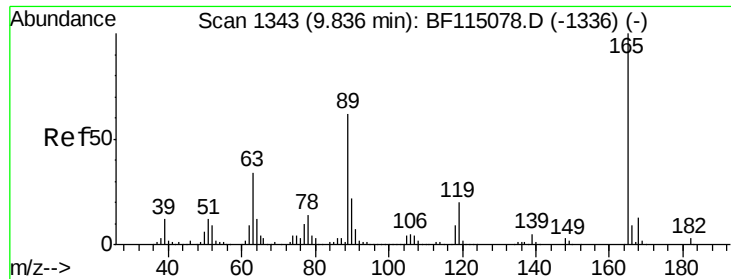


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

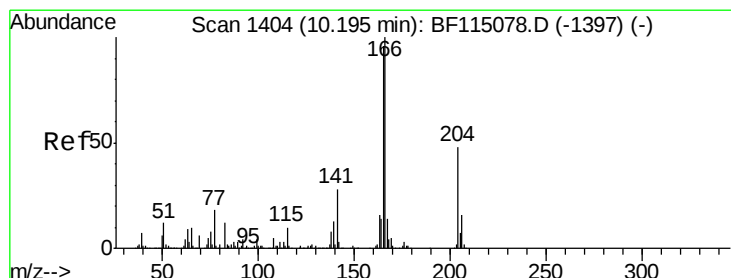
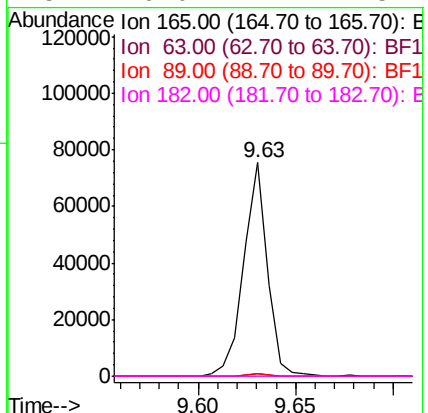
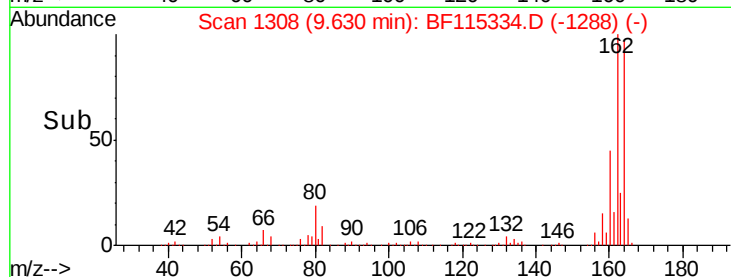
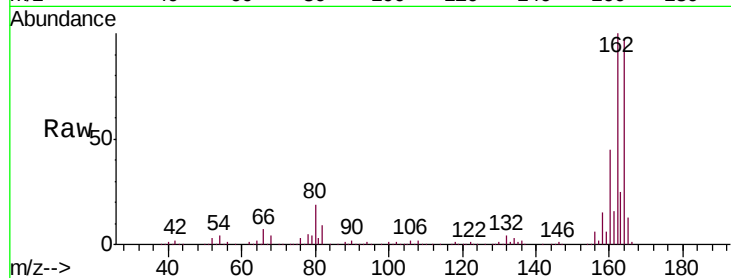




#57
2,4-Dinitrotoluene
Concen: 5.816 ng
RT: 9.63 min Scan# 1308
Delta R.T. -0.18 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

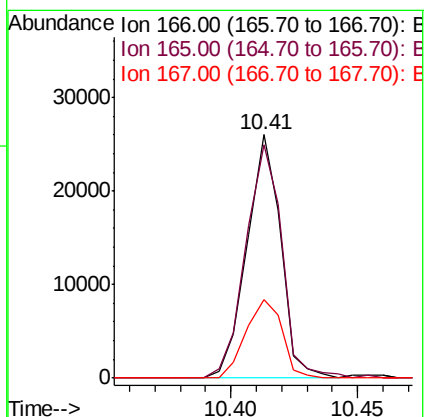
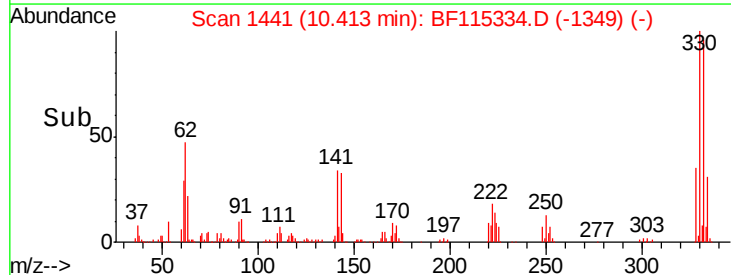
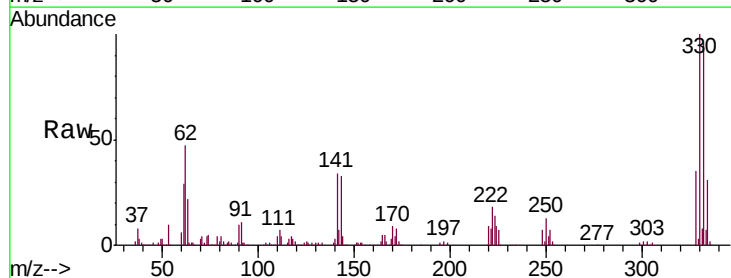
Instrument :
BNA_F
ClientSampleId :
PB120926BL

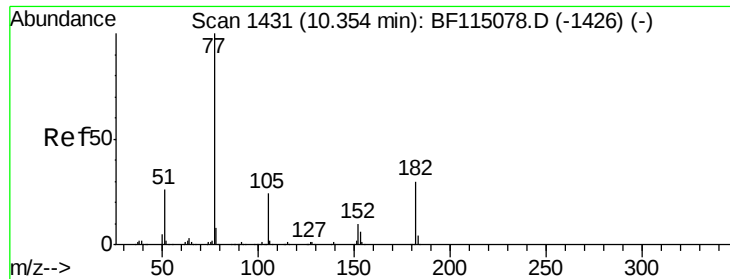
Tgt Ion:	165	Resp:	63737
Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.1	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 1441
Delta R.T. 0.24 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Tgt Ion:	166	Resp:	24216
Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.5	114.7
167	32.4	11.0	16.4#





#63

Azobenzene

Concen: 0.059 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.09 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

Tgt Ion: 77 Resp: 2023

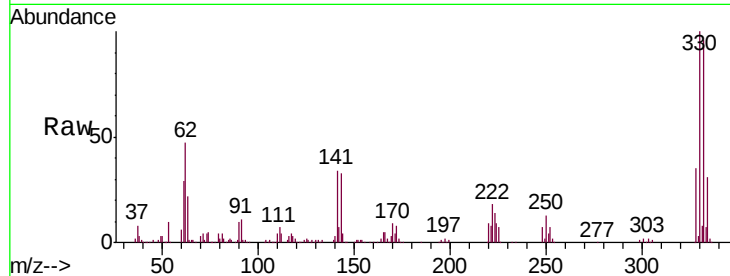
Ion Ratio Lower Upper

77 100

182 0.0 10.1 50.1#

105 118.1 4.5 44.5#

51 87.4 6.4 46.4#

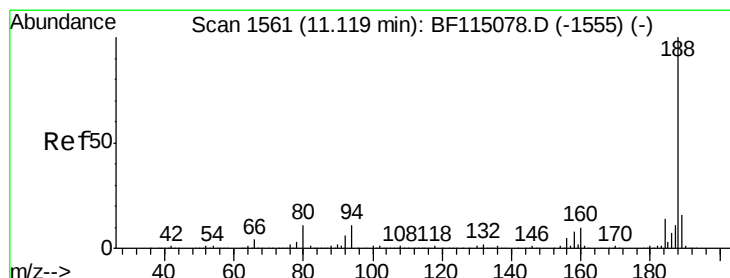
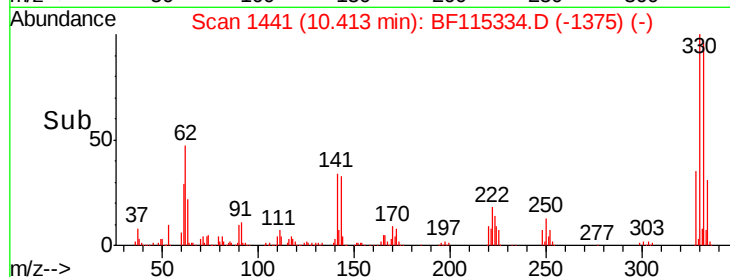
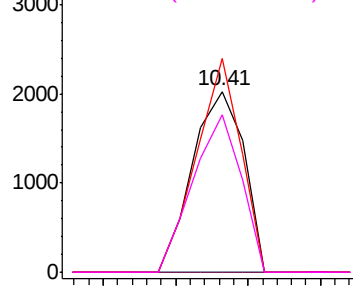


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

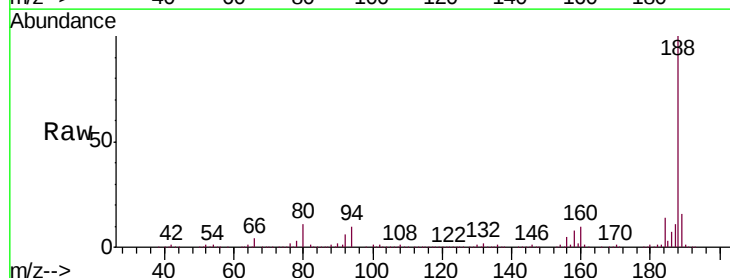
Tgt Ion: 188 Resp: 999636

Ion Ratio Lower Upper

188 100

94 10.4 8.6 12.8

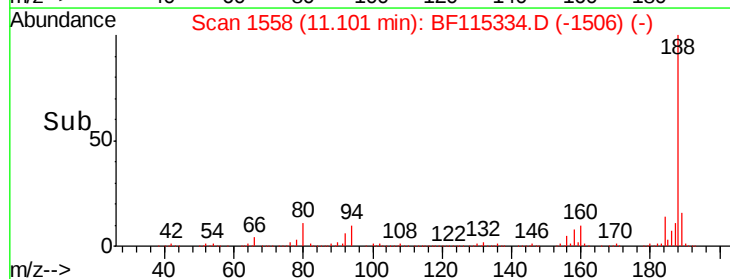
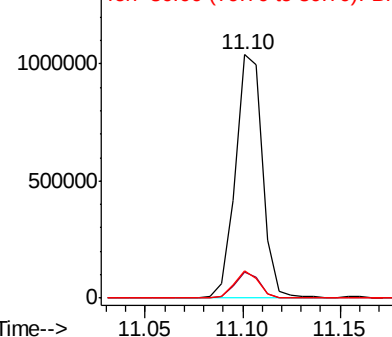
80 11.0 8.8 13.2

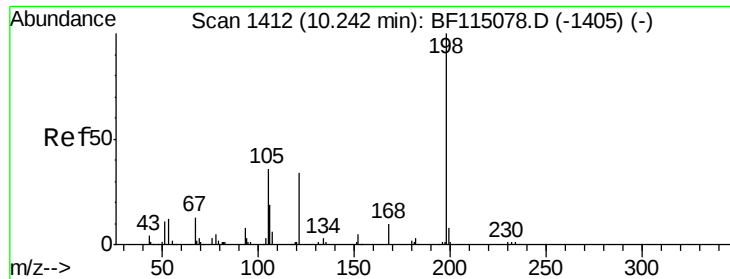


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

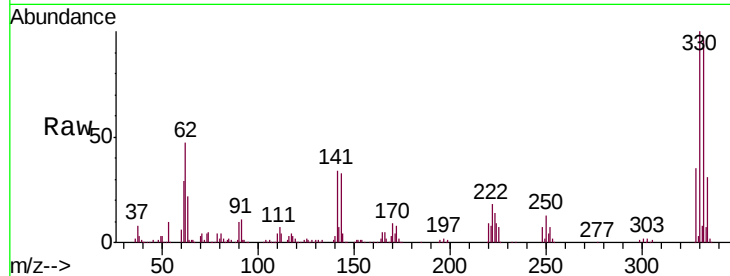




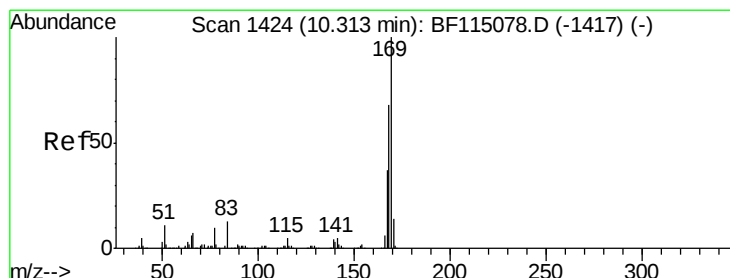
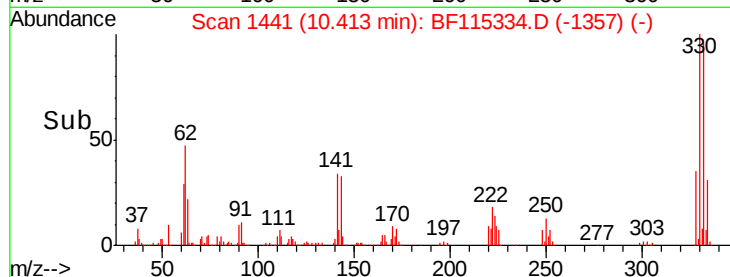
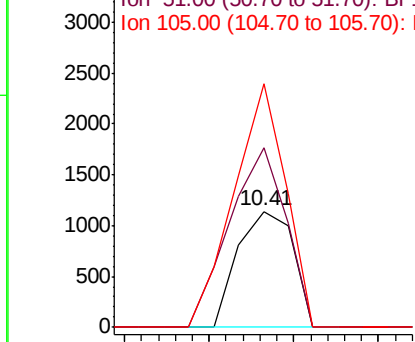
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.135 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.19 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BL

Tgt Ion:198 Resp: 1039
 Ion Ratio Lower Upper
 198 100
 51 155.4 11.0 51.0#
 105 210.1 17.3 57.3#

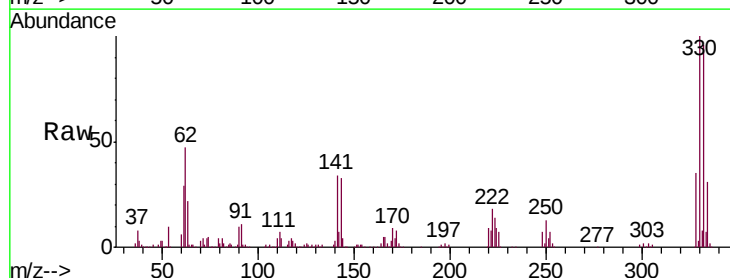


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

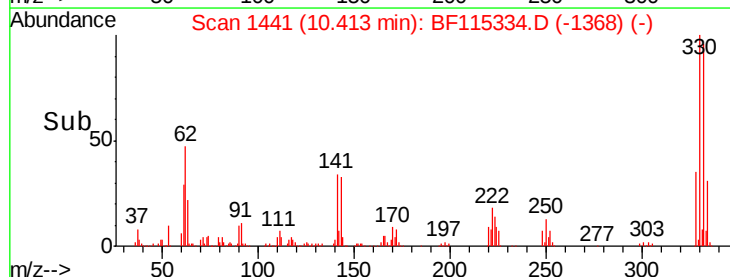
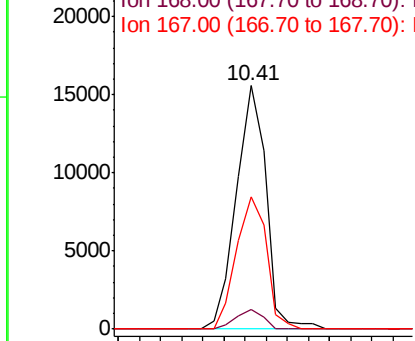


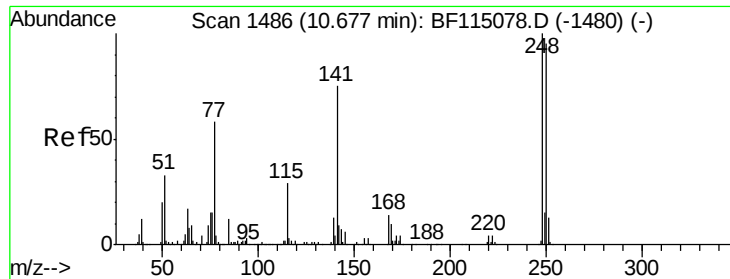
#66
 n-Nitrosodiphenylamine
 Concen: 0.487 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.13 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Tgt Ion:169 Resp: 15169
 Ion Ratio Lower Upper
 169 100
 168 7.8 54.2 81.4#
 167 54.1 29.4 44.0#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

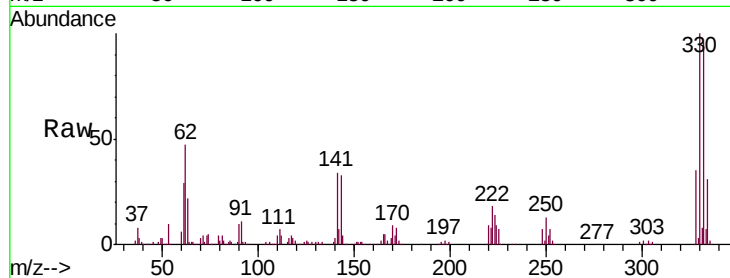




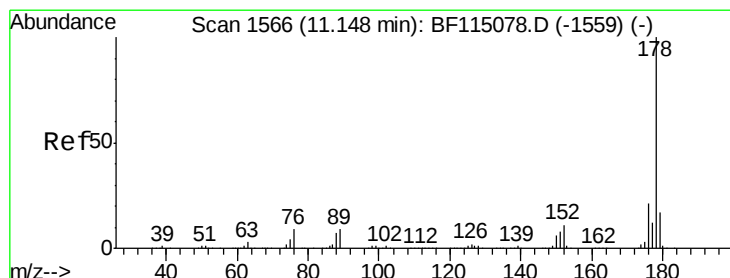
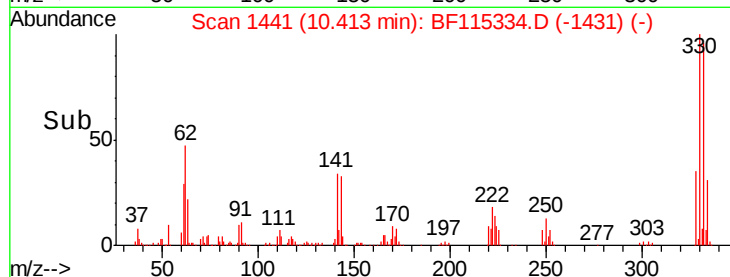
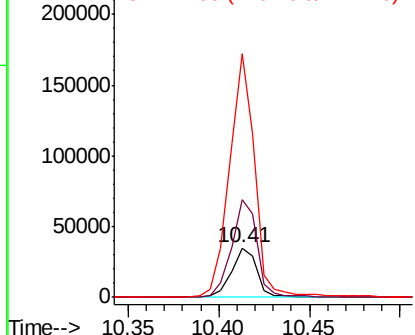
#67
 4-Bromophenyl-phenylether
 Concen: 3.120 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.24 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BL

Tgt Ion:248 Resp: 33812
 Ion Ratio Lower Upper
 248 100
 250 195.9 76.2 114.2#
 141 490.9 59.6 89.4#

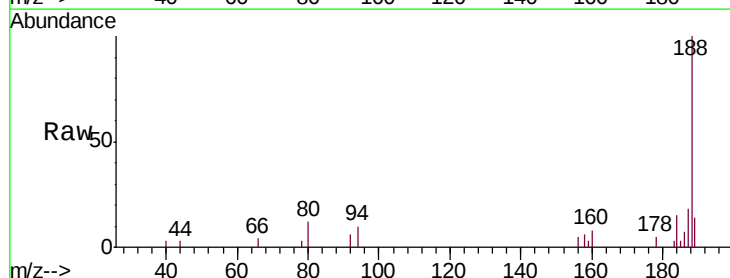


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

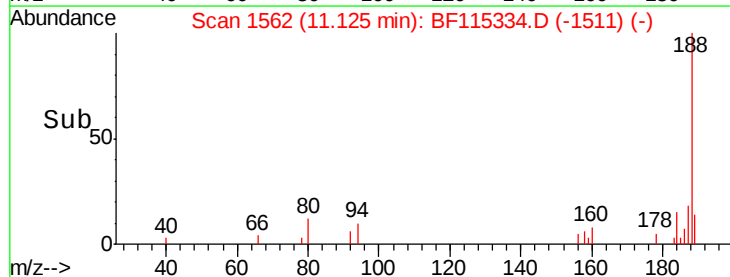
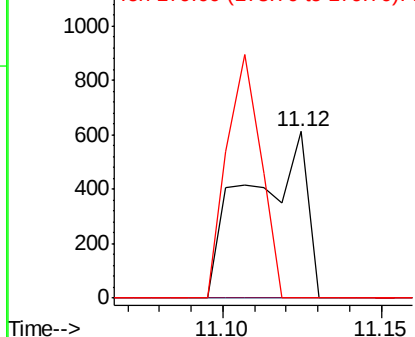


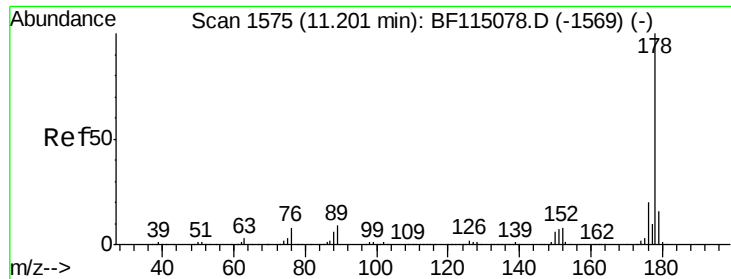
#71
 Phenanthrene
 Concen: 0.014 ng
 RT: 11.12 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Tgt Ion:178 Resp: 772
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.9 25.3#
 179 0.0 13.2 19.8#



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





#72

Anthracene

Concen: 0.014 ng

RT: 11.12 min Scan# 1562

Delta R.T. -0.05 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

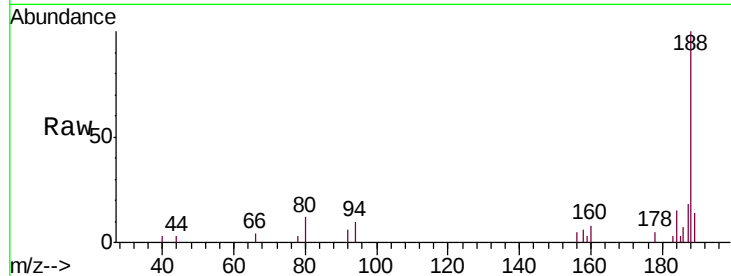
Tgt Ion:178 Resp: 772

Ion Ratio Lower Upper

178 100

176 0.0 16.1 24.1#

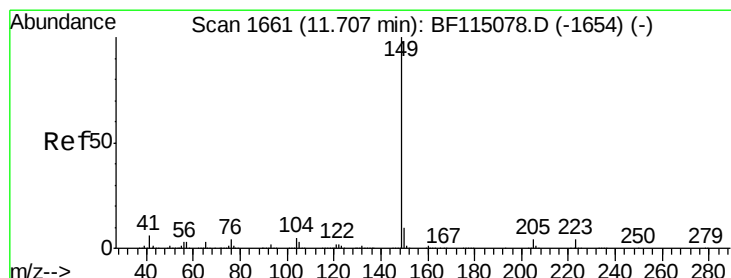
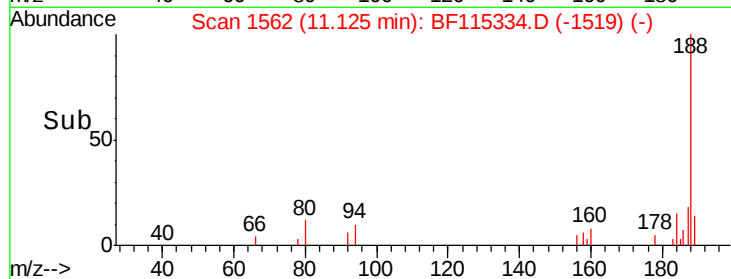
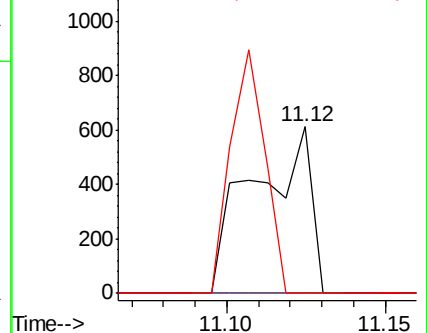
179 0.0 12.9 19.3#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 0.017 ng

RT: 11.68 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

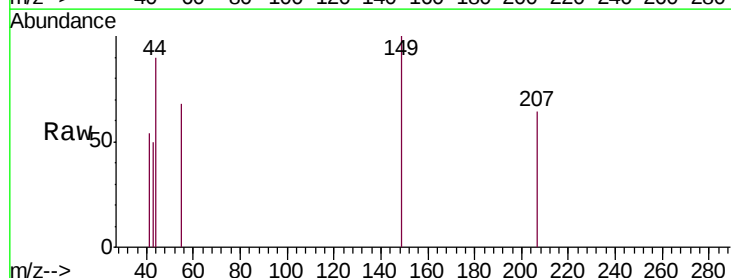
Tgt Ion:149 Resp: 947

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.8#

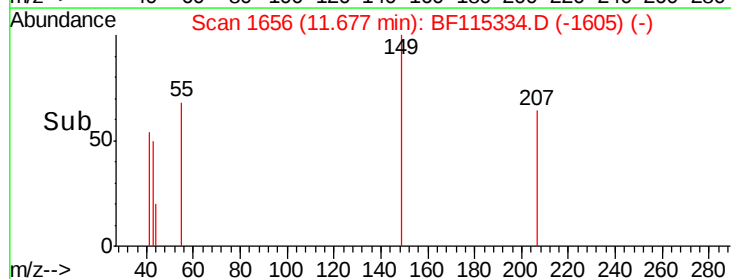
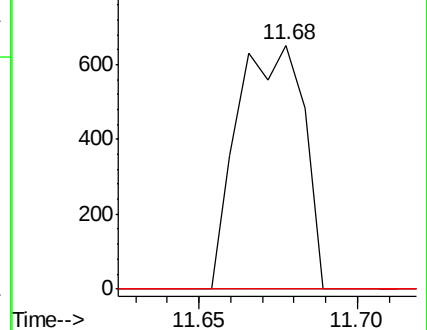
104 0.0 3.7 5.5#

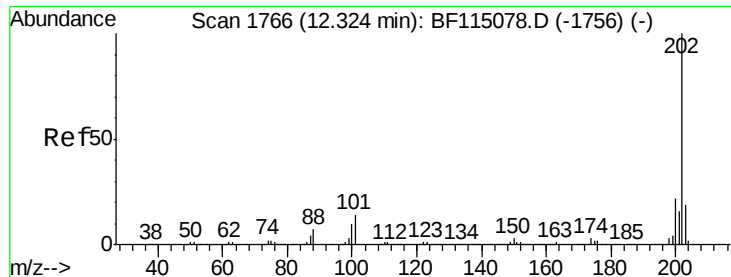


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

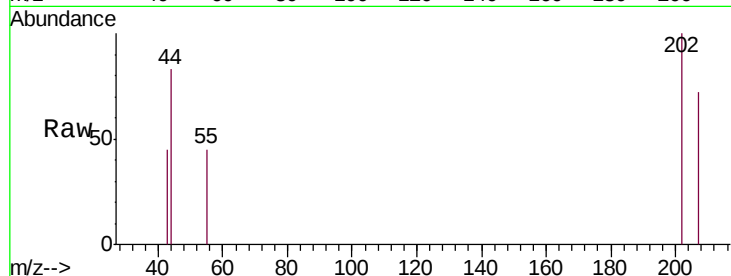




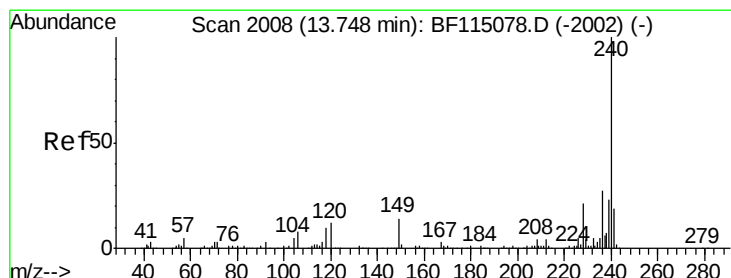
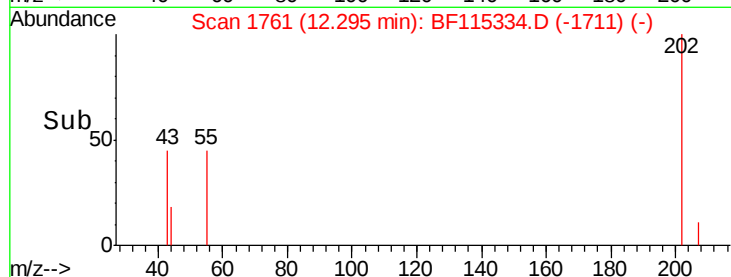
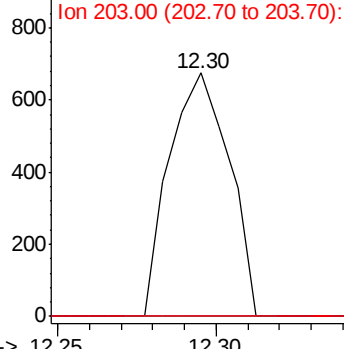
#75
 Fluoranthene
 Concen: 0.016 ng
 RT: 12.30 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BL

Tgt Ion: 202 Resp: 881
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 34.0
 203 0.0 0.0 38.8

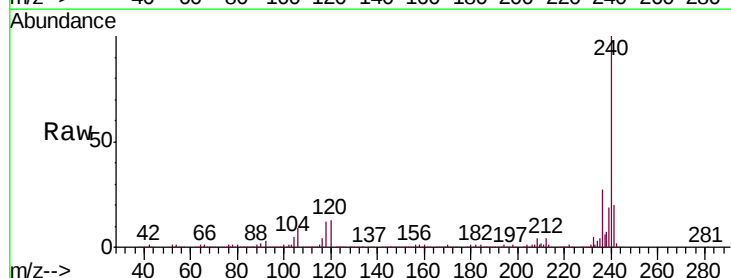


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

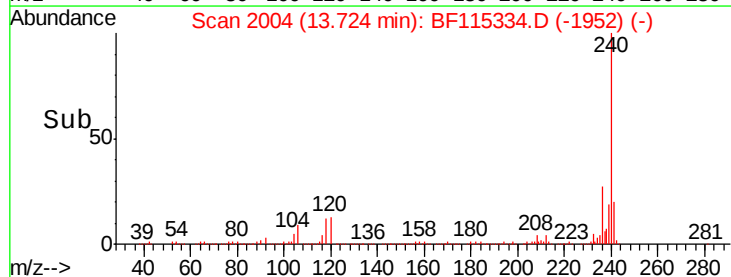
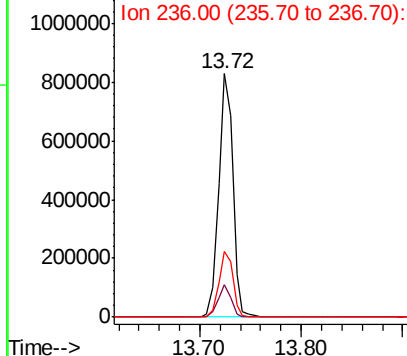


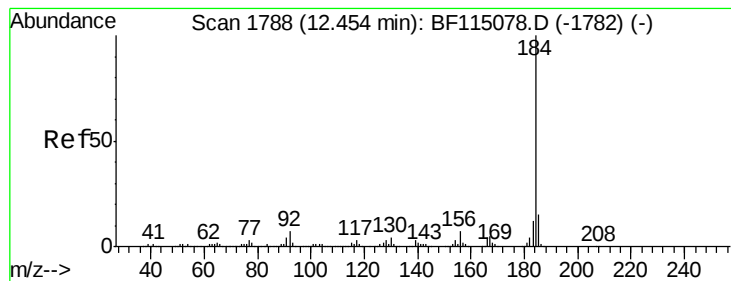
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Tgt Ion: 240 Resp: 802417
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.4 14.2
 236 27.2 21.7 32.5



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: 0.862 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.26 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

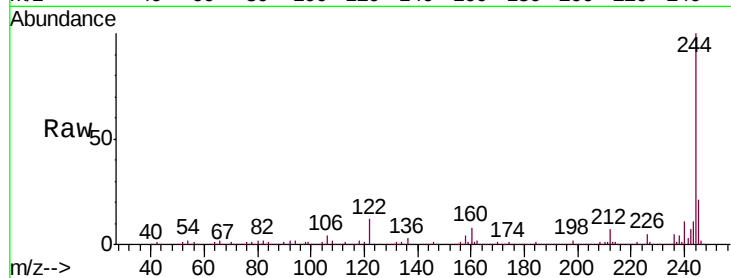
Tgt Ion:184 Resp: 30719

Ion Ratio Lower Upper

184 100

185 17.0 12.2 18.2

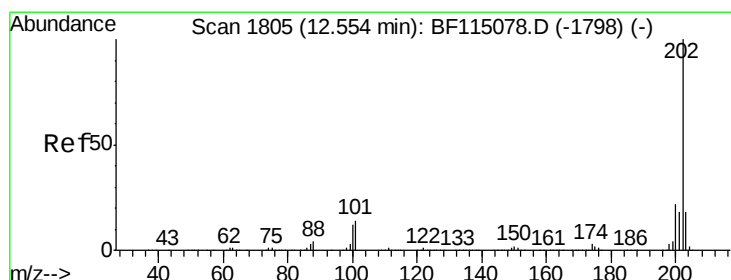
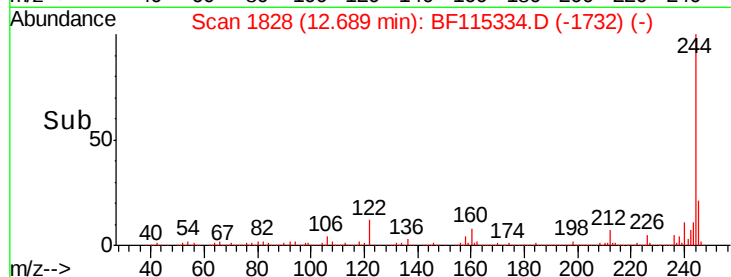
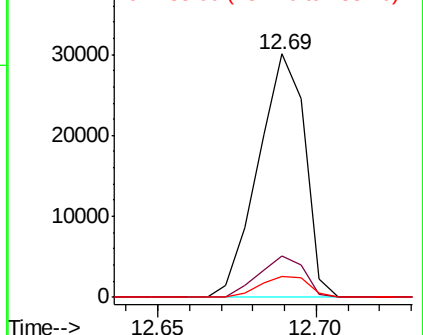
183 8.6 9.6 14.4#



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: 0.015 ng

RT: 12.52 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

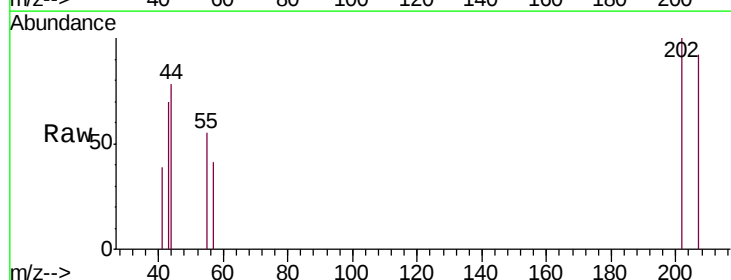
Tgt Ion:202 Resp: 904

Ion Ratio Lower Upper

202 100

200 0.0 17.9 26.9#

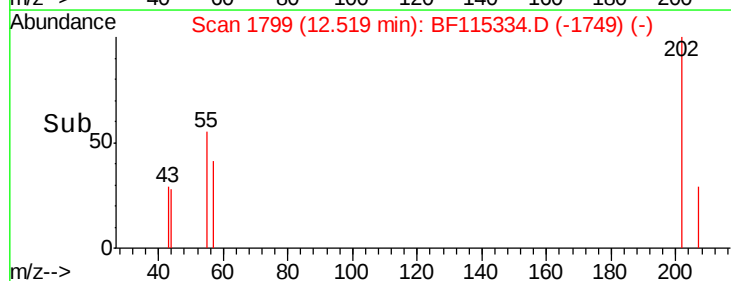
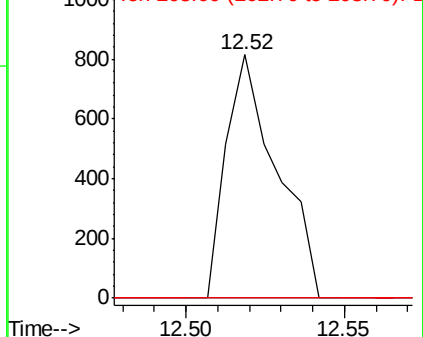
203 0.0 14.6 21.8#

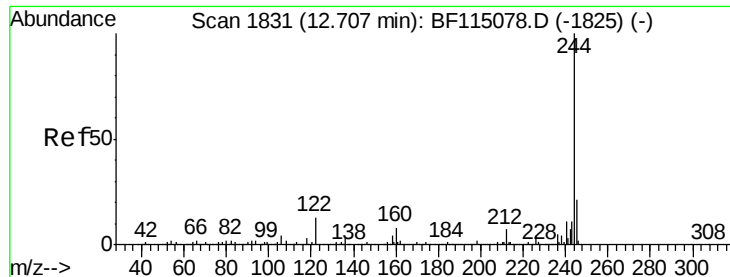


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.874 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

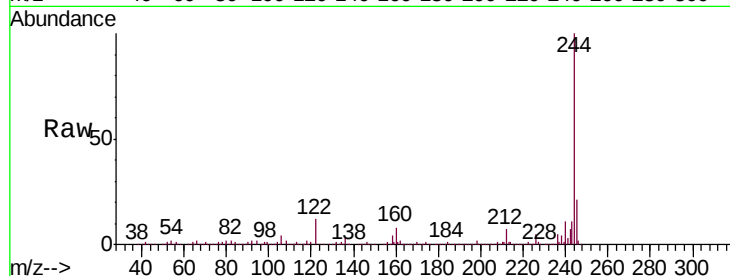
Tgt Ion:244 Resp: 2448358

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

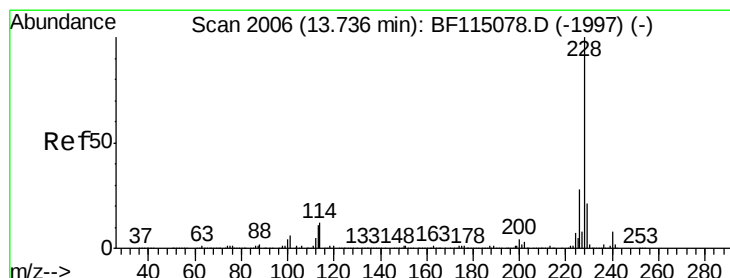
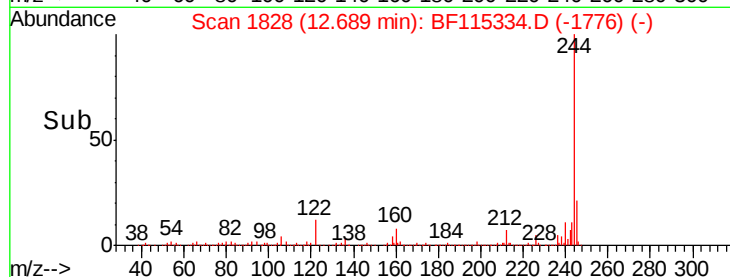
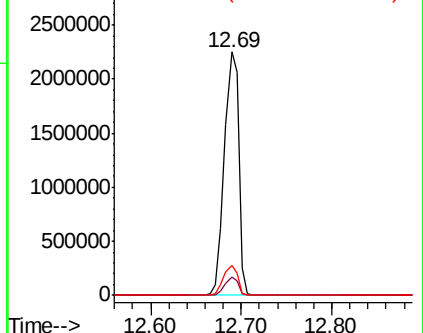
122 12.2 10.4 15.6



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



#81

Benzo(a)anthracene

Concen: 0.054 ng

RT: 13.72 min Scan# 2004

Delta R.T. 0.02 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

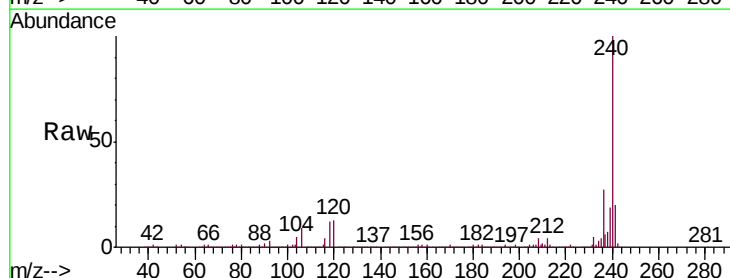
Tgt Ion:228 Resp: 3081

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

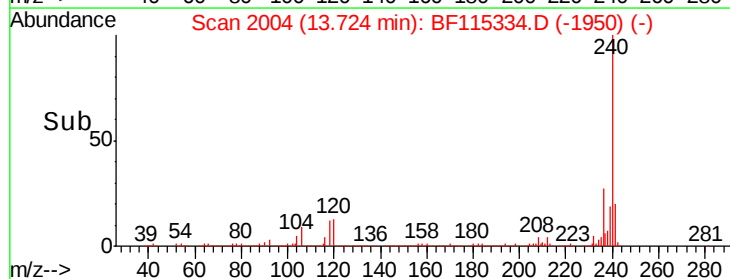
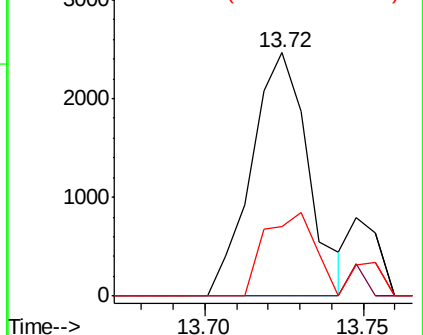
229 28.5 16.6 24.8#

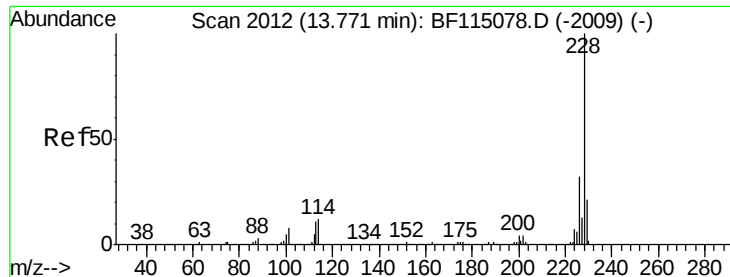


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.058 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

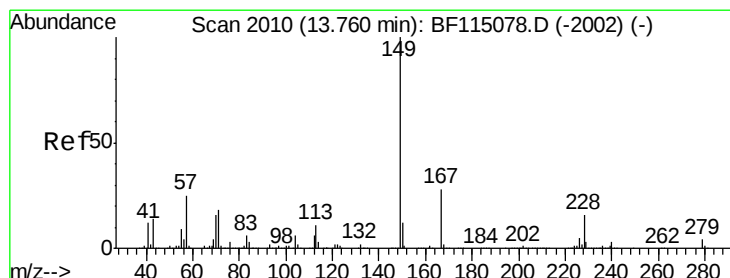
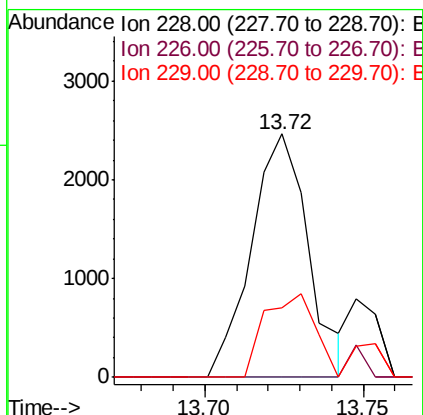
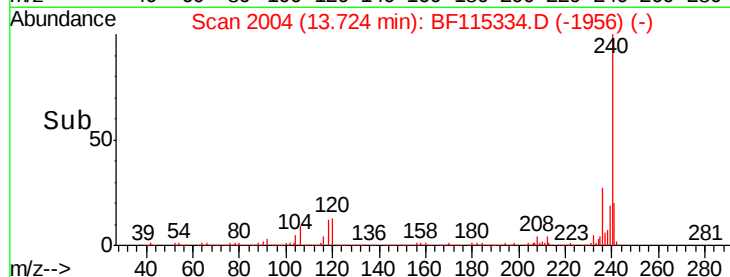
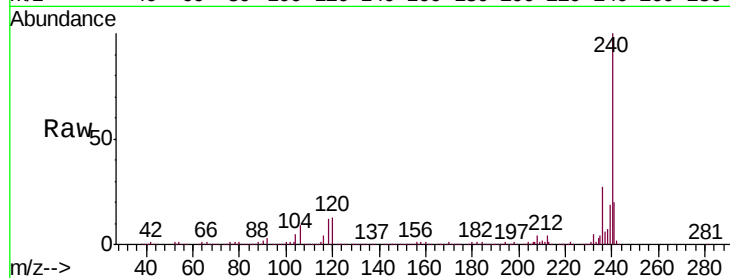
Tgt Ion:228 Resp: 3081

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

229 28.5 16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.036 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

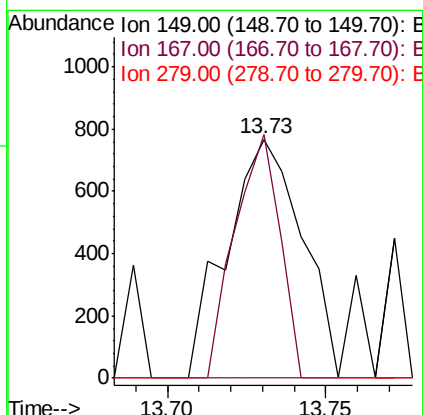
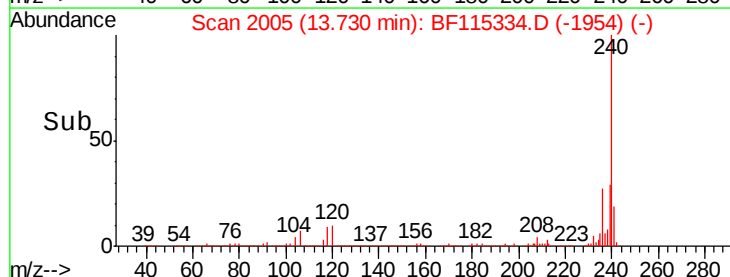
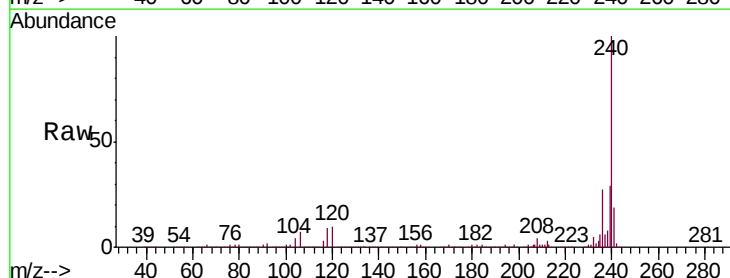
Tgt Ion:149 Resp: 1271

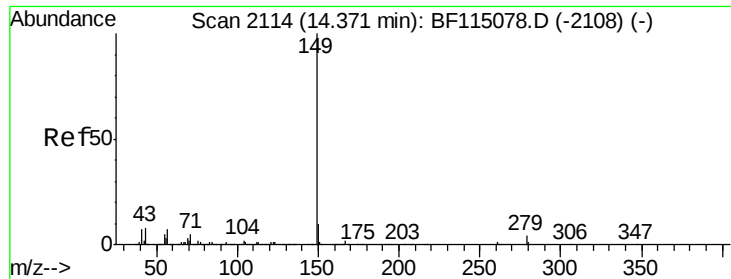
Ion Ratio Lower Upper

149 100

167 102.0 22.2 33.4#

279 0.0 2.9 4.3#

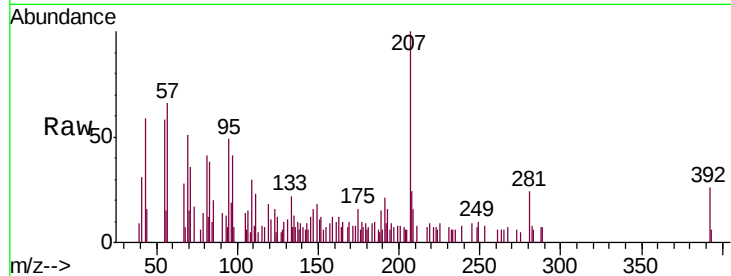




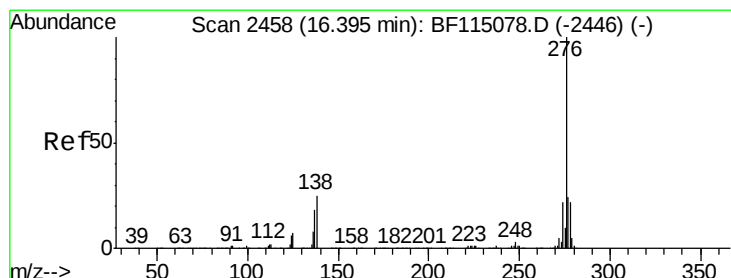
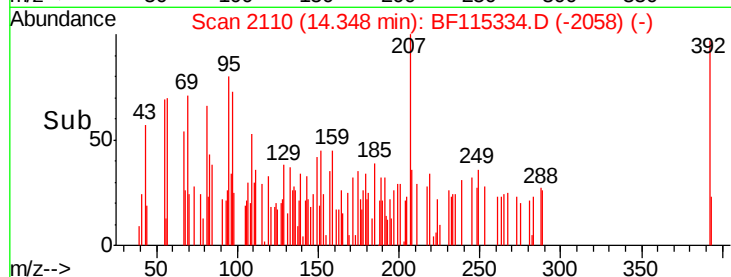
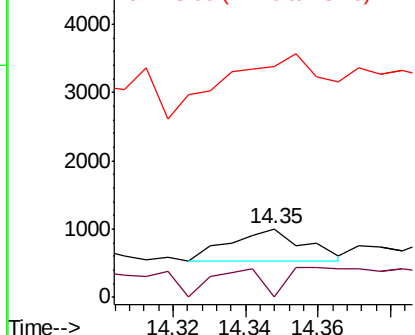
#85
Di-n-octyl phthalate
Concen: 0.011 ng
RT: 14.35 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB120926BL

Tgt Ion:149 Resp: 682
Ion Ratio Lower Upper
149 100
167 108.2 1.2 1.8#
43 118.2 7.0 10.6#

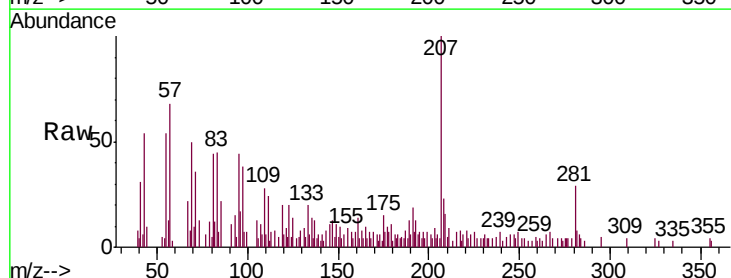


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

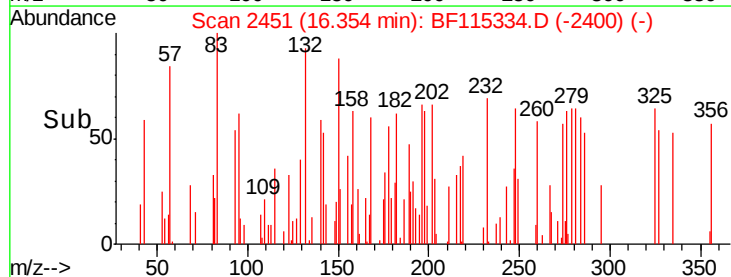
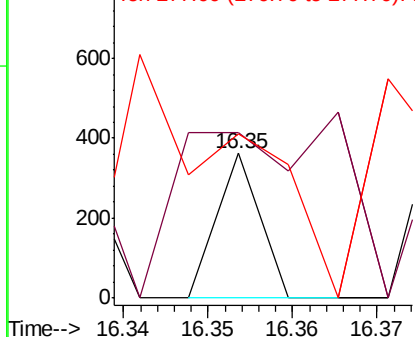


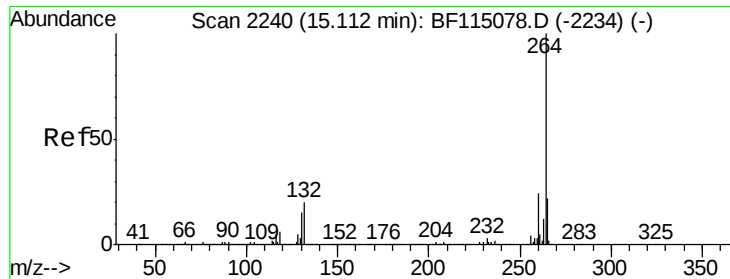
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 16.35 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Tgt Ion:276 Resp: 128
Ion Ratio Lower Upper
276 100
138 444.5 23.2 34.8#
277 260.2 20.1 30.1#



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

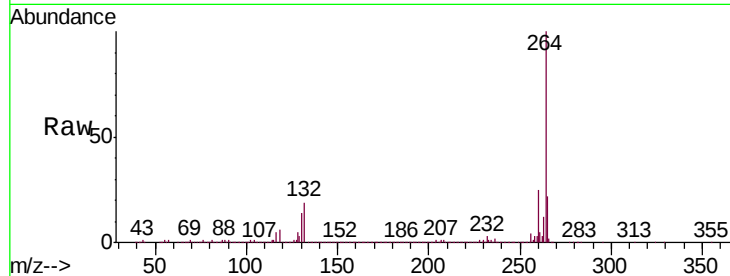




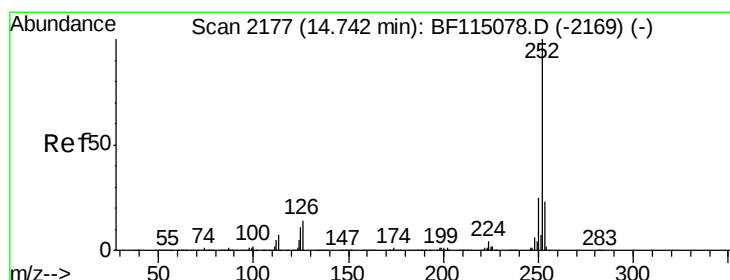
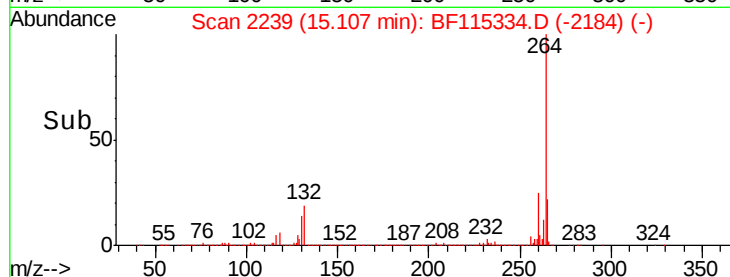
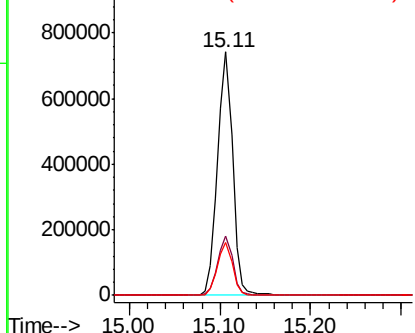
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB120926BL

Tgt Ion:264 Resp: 858674
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 21.8 17.3 25.9

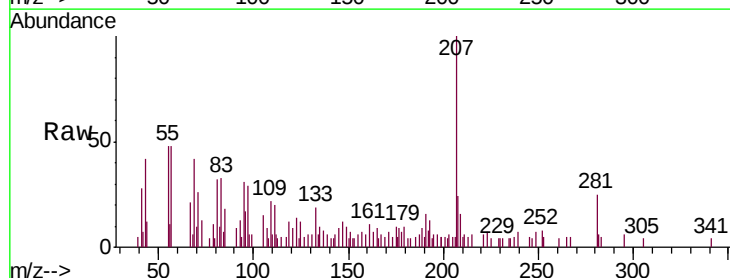


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

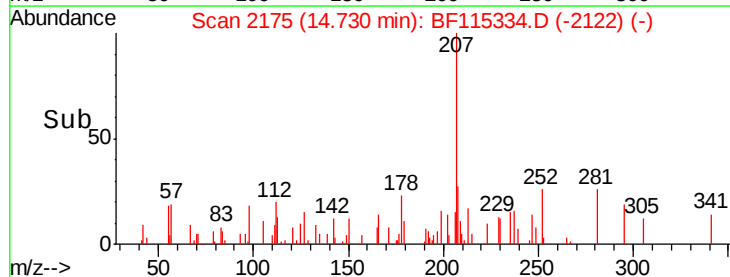
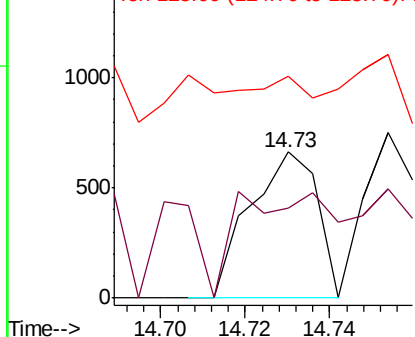


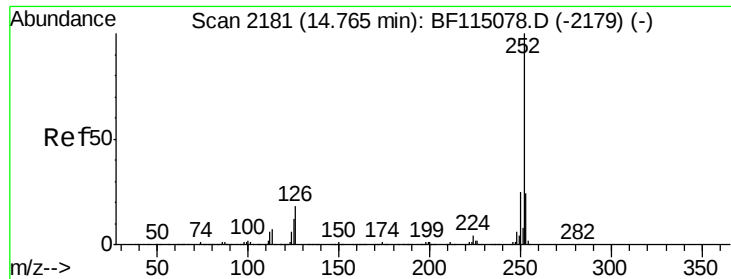
#88
Benzo(b)fluoranthene
Concen: 0.014 ng
RT: 14.73 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Tgt Ion:252 Resp: 732
Ion Ratio Lower Upper
252 100
253 61.6 18.1 27.1#
125 151.7 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

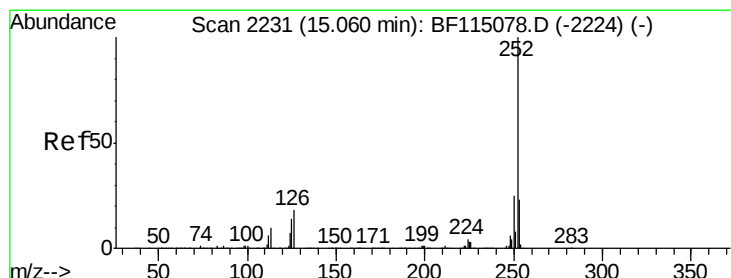
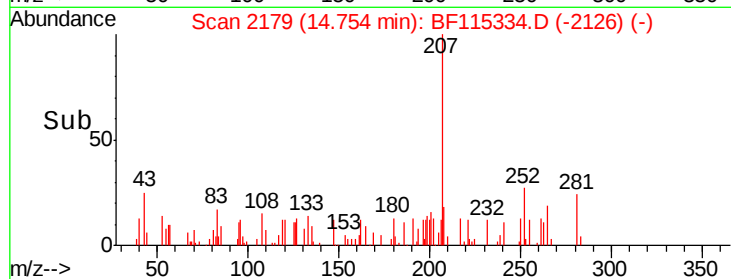
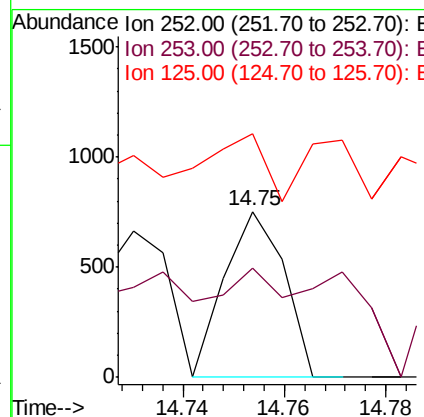
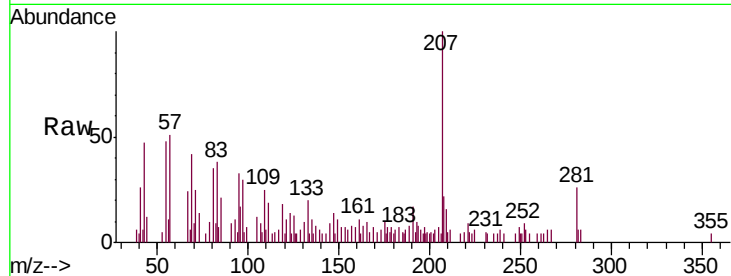




#89
Benzo(k)fluoranthene
Concen: 0.013 ng
RT: 14.75 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

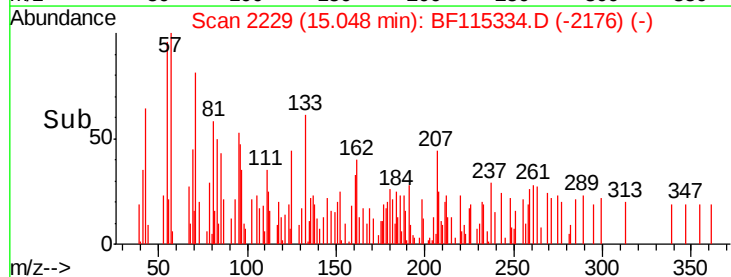
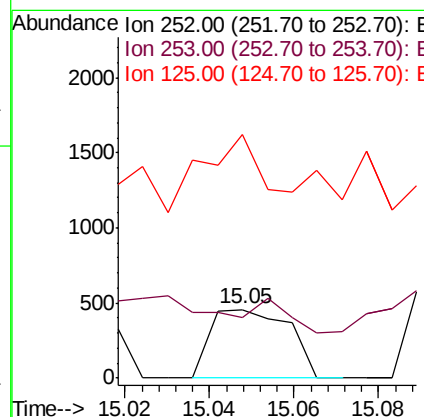
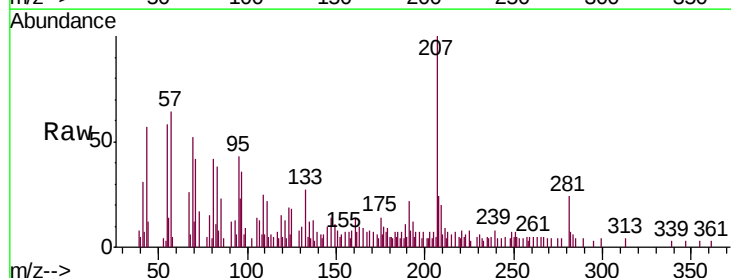
Instrument :
BNA_F
ClientSampled :
PB120926BL

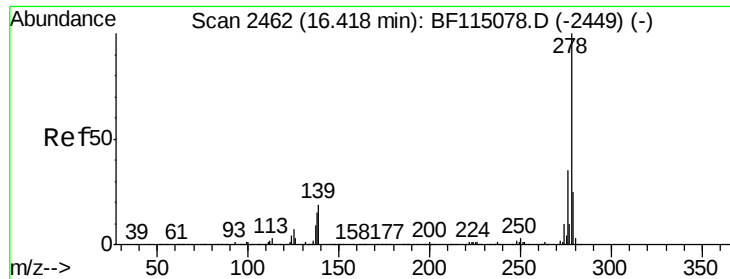
Tgt Ion:252 Resp: 614
Ion Ratio Lower Upper
252 100
253 65.5 18.9 28.3#
125 146.7 10.2 15.2#



#90
Benzo(a)pyrene
Concen: 0.012 ng
RT: 15.05 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Tgt Ion:252 Resp: 586
Ion Ratio Lower Upper
252 100
253 87.7 18.3 27.5#
125 356.3 10.9 16.3#





#91

Dibenzo(a,h)anthracene

Concen: 0.012 ng

RT: 16.40 min Scan# 2459

Delta R.T. 0.03 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

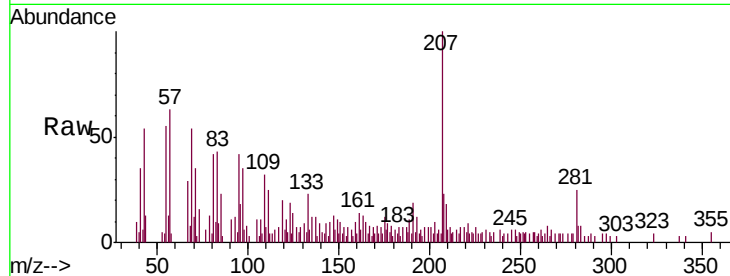
Tgt Ion: 278 Resp: 521

Ion Ratio Lower Upper

278 100

139 205.1 15.4 23.2#

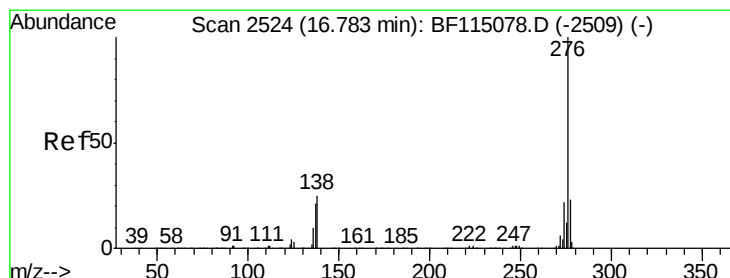
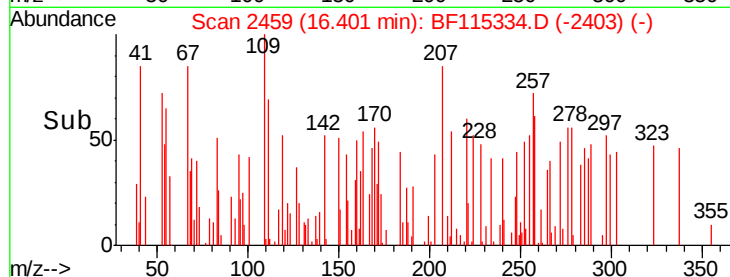
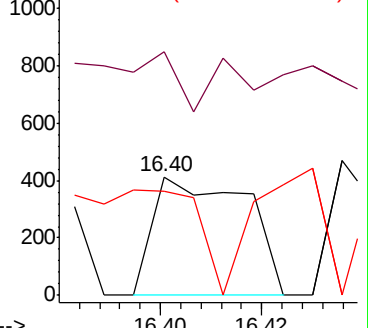
279 88.1 19.9 29.9#



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: 0.005 ng

RT: 16.77 min Scan# 2521

Delta R.T. 0.03 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

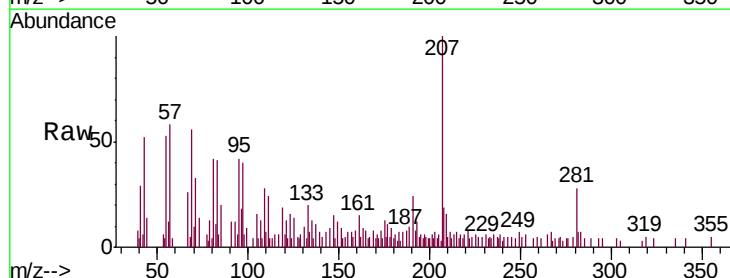
Tgt Ion: 276 Resp: 232

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 19.8 29.6#



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

