

Data File : BF115230.D
Acq On : 27 Jun 2019 12:27
Operator : HP/JU
Sample : PB120942BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120942BL

Quant Time: Jun 28 04:50:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	256601	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	958575	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	476182	20.00	ng	-0.03
64) Phenanthrene-d10	11.09	188	927710	20.00	ng	-0.03
76) Chrysene-d12	13.71	240	745099	20.00	ng	-0.04
87) Perylene-d12	15.08	264	813286	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1220756	73.41	ng	-0.01
7) Phenol-d6	6.23	99	1477350	73.20	ng	-0.02
23) Nitrobenzene-d5	7.16	82	1289260	82.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.40	330	435955	86.82	ng	-0.03
45) 2-Fluorobiphenyl	8.95	172	2404696	85.78	ng	-0.03
79) Terphenyl-d14	12.68	244	2520510	71.92	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	327	0.042	ng	# 1
6) Aniline	6.36	93	1983	0.071	ng	# 1
8) 2-Chlorophenol	6.38	128	371	0.020	ng	# 38
9) Benzaldehyde	6.23	77	2173	0.165	ng	# 1
10) Phenol	6.36	94	2467	0.104	ng	# 1
11) bis(2-Chloroethyl)ether	6.36	93	1983	0.114	ng	# 1
15) Benzyl Alcohol	6.75	79	20991	1.428	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	7.15	45	156	0.006	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	170547	13.199	ng	# 77
22) Acetophenone	6.75	105	241	0.011	ng	# 1
24) Nitrobenzene	7.15	77	3952	0.230	ng	# 34
25) Isophorone	7.16	82	1254929	39.313	ng	# 63
28) bis(2-Chloroethoxy)methane	7.87	93	111	0.006	ng	# 1
38) 1-Methylnaphthalene	8.95	142	1124	0.037	ng	# 57
46) 1,1'-Biphenyl	9.05	154	4855	0.127	ng	# 98
48) 2-Nitroaniline	8.95	65	3626	0.402	ng	# 1
50) Dimethylphthalate	9.62	163	132562	3.784	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	61123	7.557	ng	# 28
52) Acenaphthene	9.65	154	139	0.005	ng	# 5
57) 2,4-Dinitrotoluene	9.62	165	61123	5.853	ng	# 30
58) Fluorene	10.40	166	19902	Below Cal		# 93
63) Azobenzene	10.40	77	1969	0.060	ng	# 15
65) 4,6-Dinitro-2-methylphenol	10.40	198	812	5.107	ng	# 1
66) n-Nitrosodiphenylamine	10.40	169	12575	0.435	ng	# 42
67) 4-Bromophenyl-phenylether	10.40	248	27182	2.702	ng	# 1
71) Phenanthrene	11.11	178	1016	0.020	ng	# 58
72) Anthracene	11.11	178	1016	0.020	ng	# 59
74) Di-n-butylphthalate	11.67	149	830	0.016	ng	# 77
75) Fluoranthene	12.30	202	392	0.008	ng	# 61
77) Benzidine	12.68	184	32021	0.968	ng	# 96
78) Pyrene	12.52	202	285	0.005	ng	# 56
81) Benzo(a)anthracene	13.71	228	2887	0.054	ng	# 52
83) Chrysene	13.71	228	2887	0.059	ng	# 49
84) Bis(2-ethylhexyl)phthalate	13.72	149	813	0.025	ng	# 52

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062719\
Quantitation Report (Not Reviewed)

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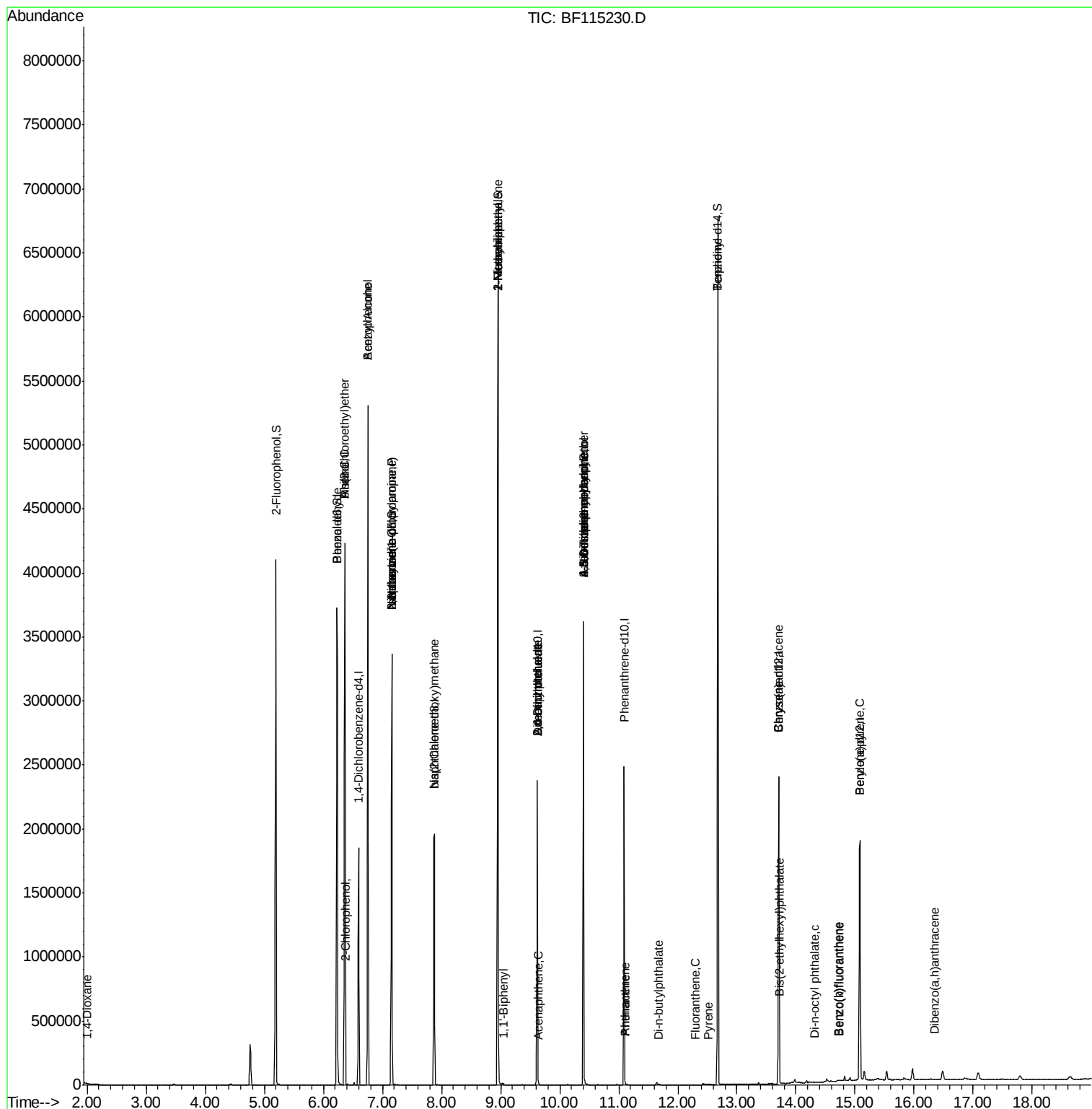
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	14.31	149	106	0.002	ng	# 1
88) Benzo(b)fluoranthene	14.71	252	614	0.012	ng	# 59
89) Benzo(k)fluoranthene	14.73	252	227	0.005	ng	# 57
90) Benzo(a)pyrene	15.08	252	2568	0.056	ng	# 75
91) Dibenzo(a,h)anthracene	16.35	278	354	0.008	ng	# 53

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

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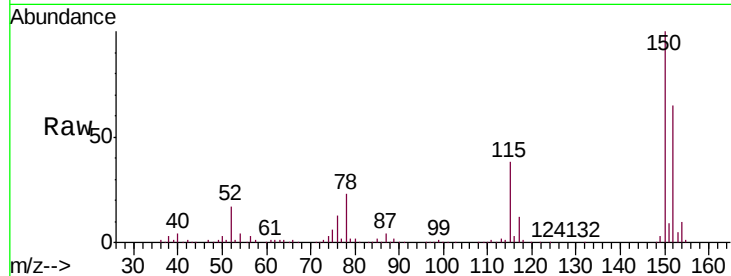


#1

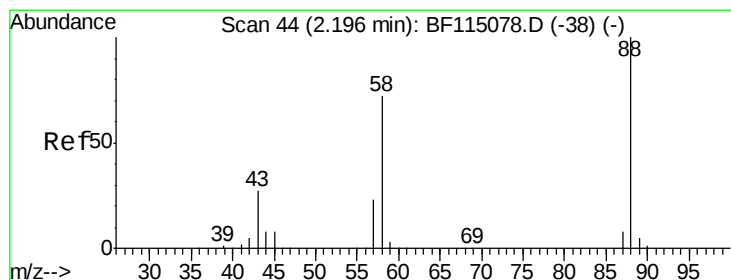
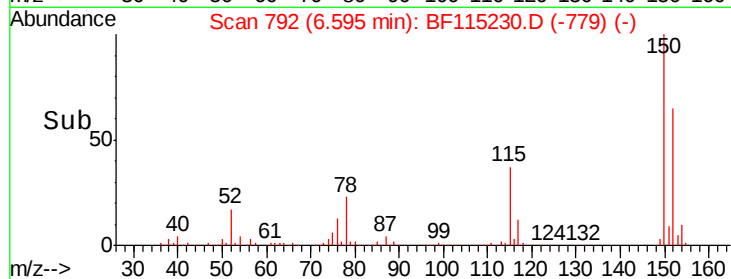
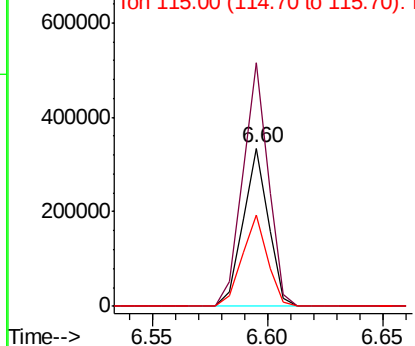
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Instrument :
BNA_F
ClientSampleId :
PB120942BL

Tgt Ion: 152 Resp: 256601
Ion Ratio Lower Upper
152 100
150 153.9 124.2 186.2
115 57.7 46.1 69.1



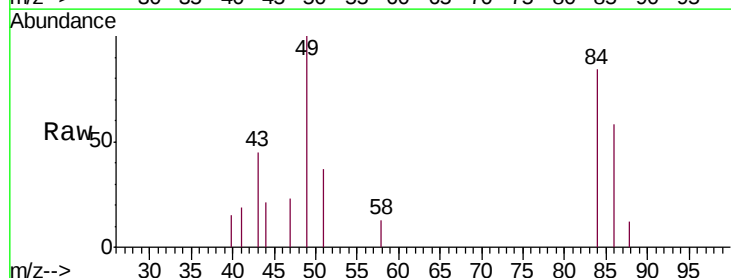
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



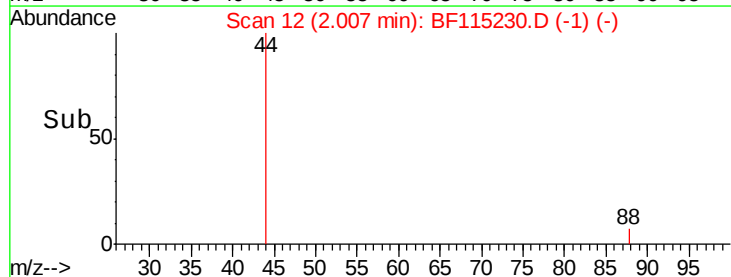
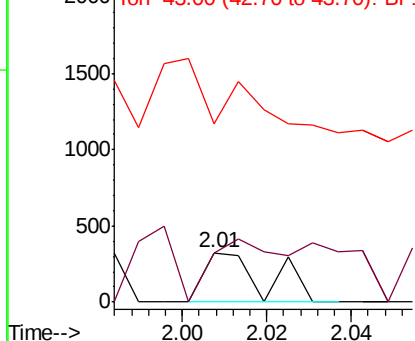
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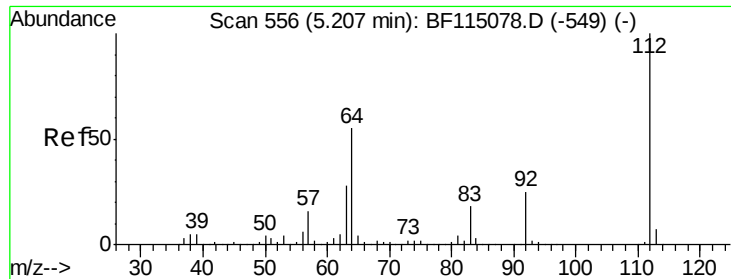
1,4-Dioxane
Concen: 0.042 ng
RT: 2.01 min Scan# 12
Delta R.T. -0.19 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Tgt Ion: 88 Resp: 327
Ion Ratio Lower Upper
88 100
58 148.3 56.1 84.1#
43 234.9 21.3 31.9#



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





#5

2-Fluorophenol

Concen: 73.415 ng

RT: 5.20 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Instrument :

BNA_F

ClientSampleId :

PB120942BL

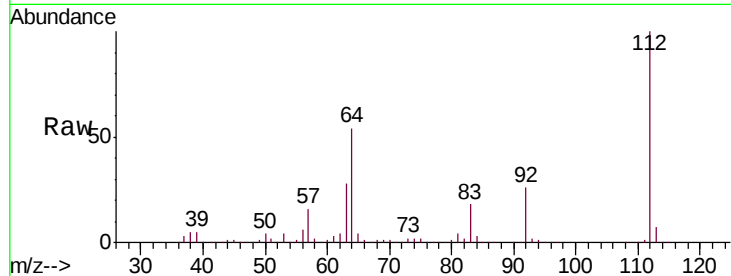
Tgt Ion: 112 Resp: 1220756

Ion Ratio Lower Upper

112 100

64 54.3 43.8 65.6

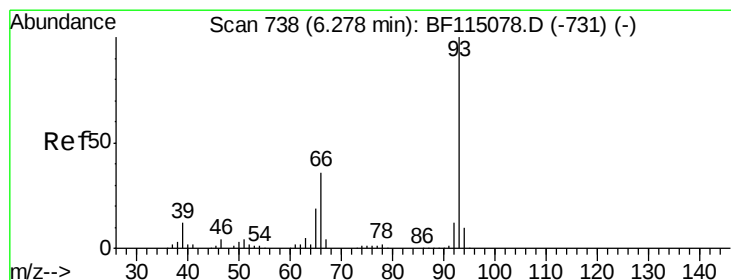
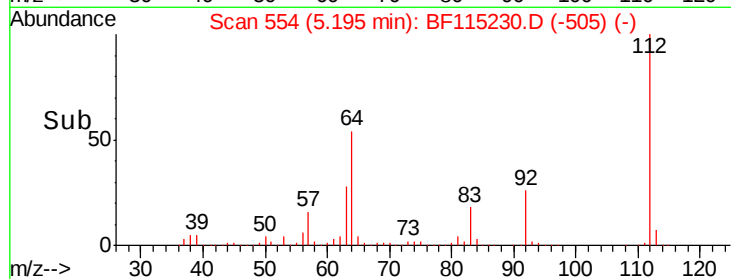
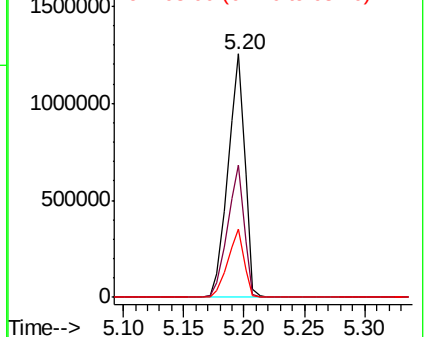
63 27.8 22.2 33.4



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: 0.071 ng

RT: 6.36 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

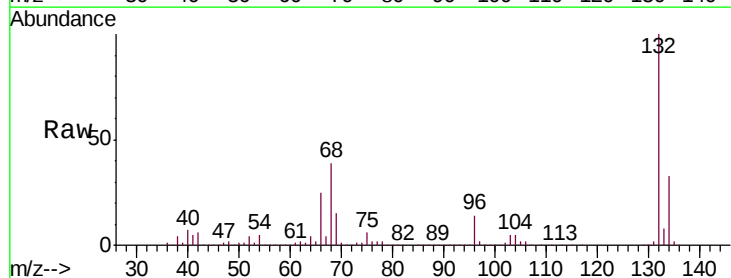
Tgt Ion: 93 Resp: 1983

Ion Ratio Lower Upper

93 100

66 14867.5 30.0 45.0#

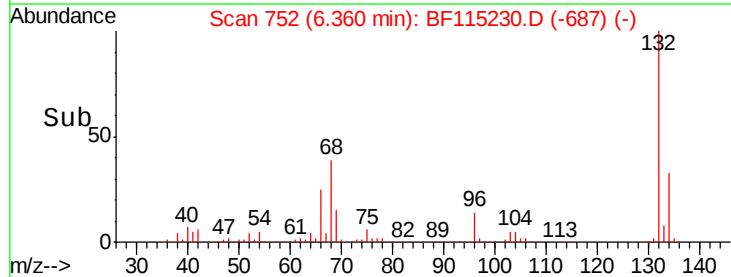
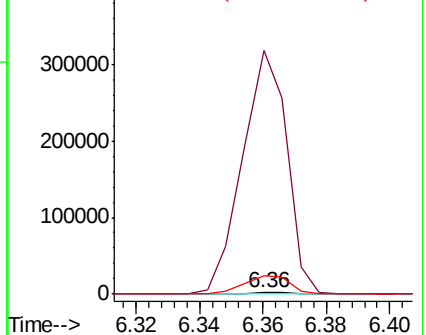
65 1090.6 15.6 23.4#

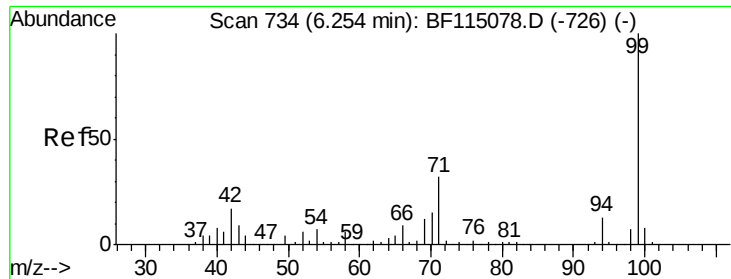


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.199 ng

RT: 6.23 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

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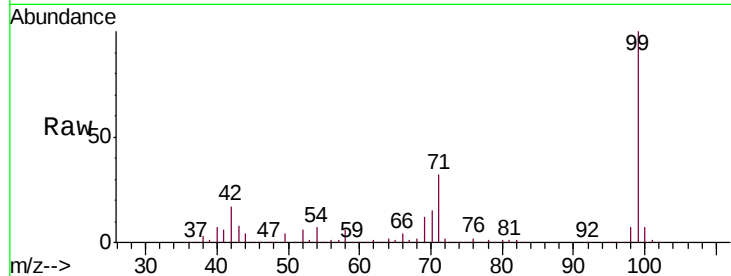
Tgt Ion: 99 Resp: 1477350

Ion Ratio Lower Upper

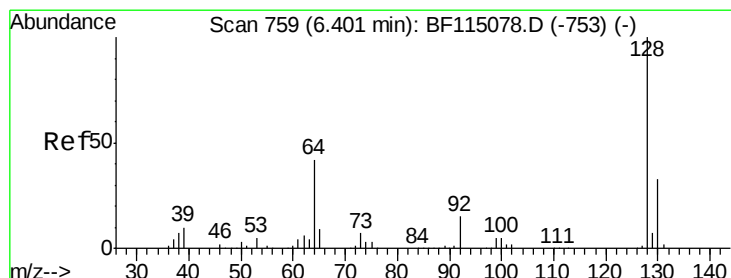
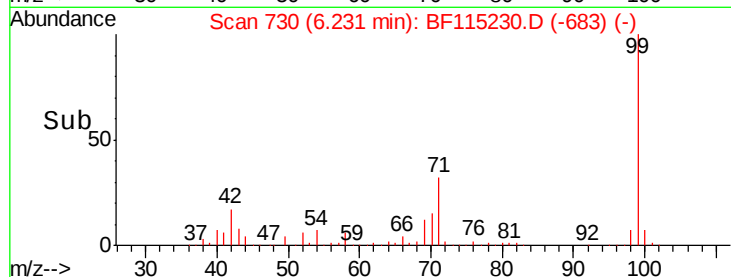
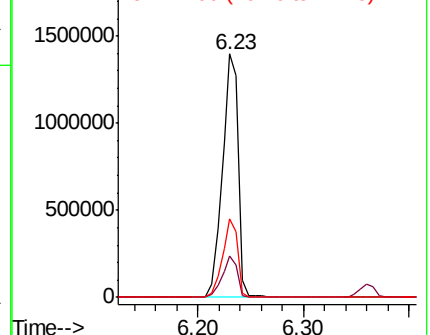
99 100

42 16.8 13.6 20.4

71 32.2 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: 0.020 ng

RT: 6.38 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

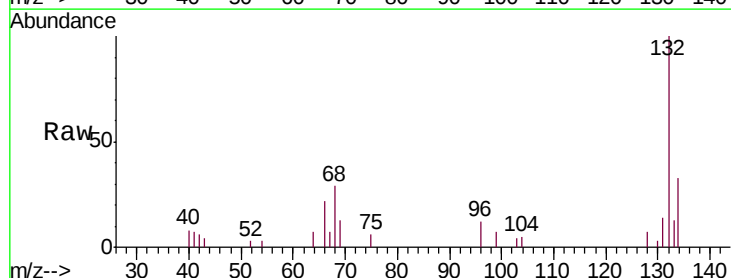
Tgt Ion: 128 Resp: 371

Ion Ratio Lower Upper

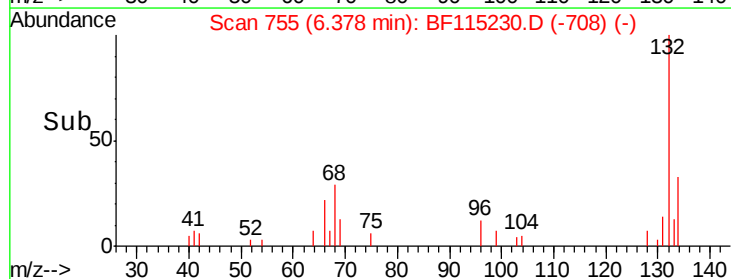
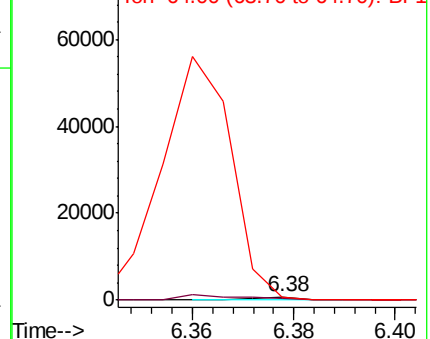
128 100

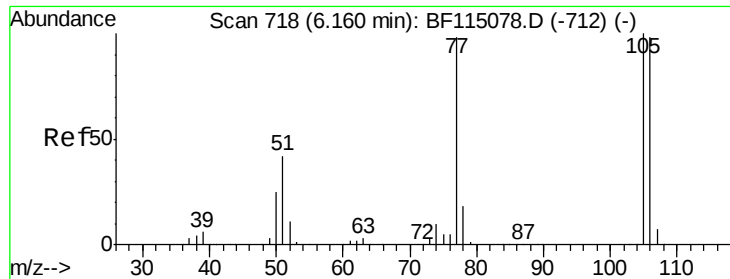
130 44.2 12.9 52.9

64 102.6 22.9 62.9#



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





#9

Benzaldehyde

Concen: 0.165 ng

RT: 6.23 min Scan# 730

Delta R.T. 0.07 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

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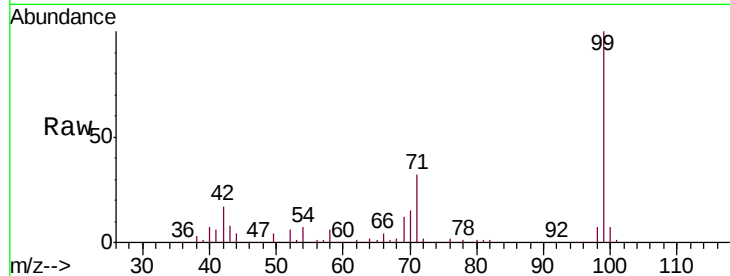
Tgt Ion: 77 Resp: 2173

Ion Ratio Lower Upper

77 100

105 0.0 81.5 121.5#

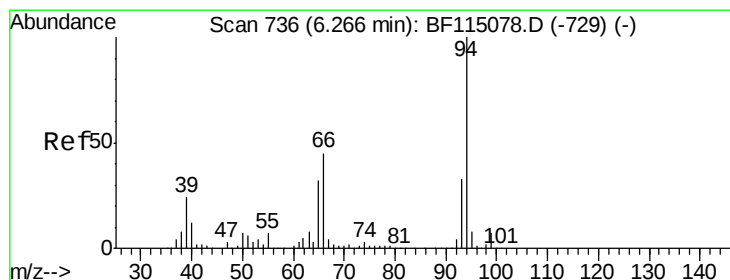
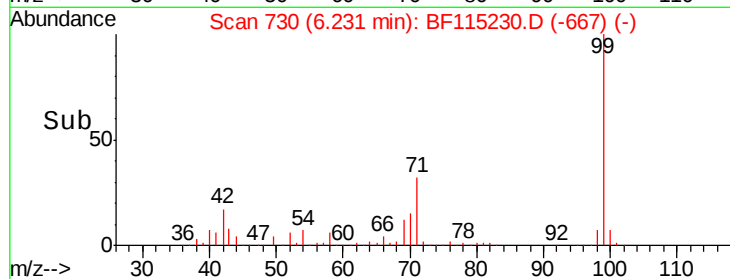
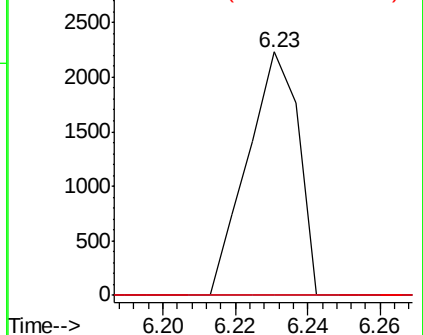
106 0.0 79.7 119.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.104 ng

RT: 6.36 min Scan# 752

Delta R.T. 0.09 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

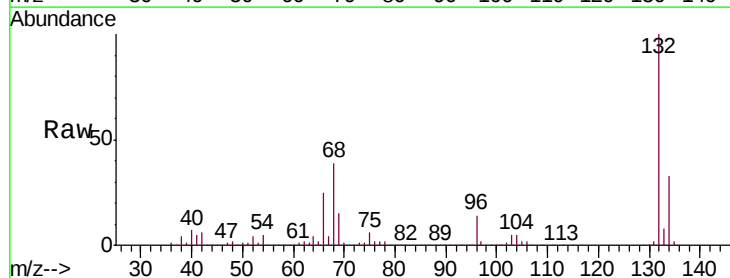
Tgt Ion: 94 Resp: 2467

Ion Ratio Lower Upper

94 100

65 889.7 11.9 51.9#

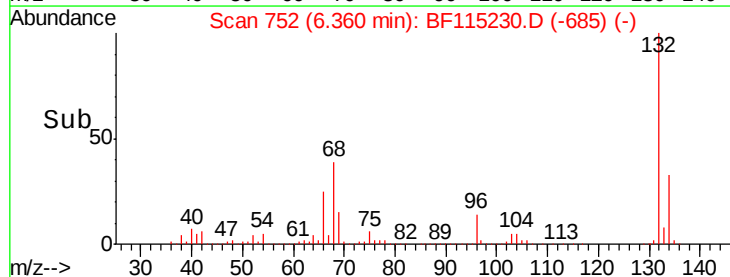
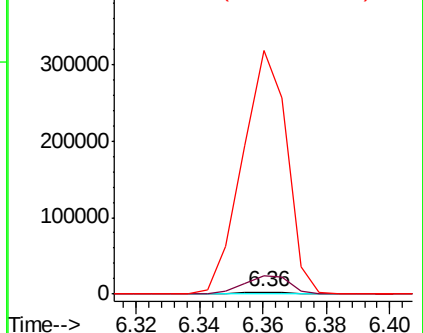
66 12128.8 25.2 65.2#

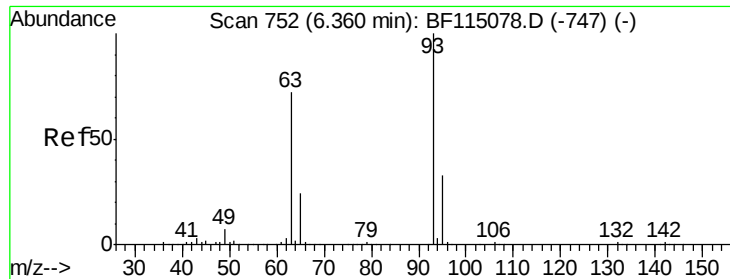


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

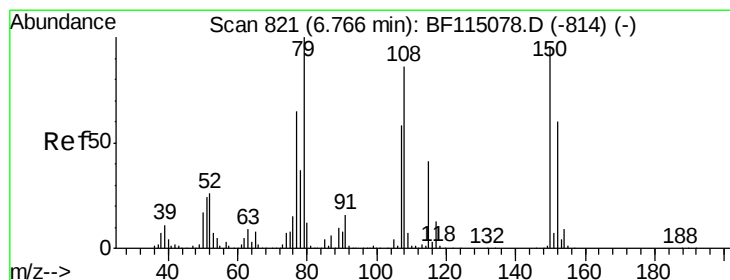
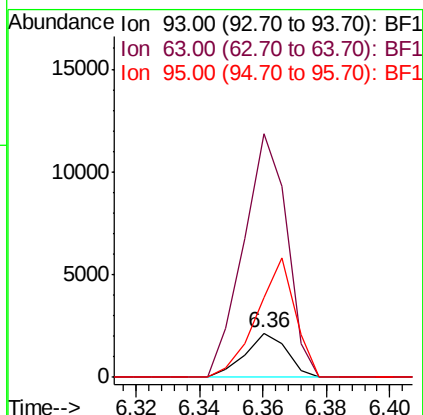
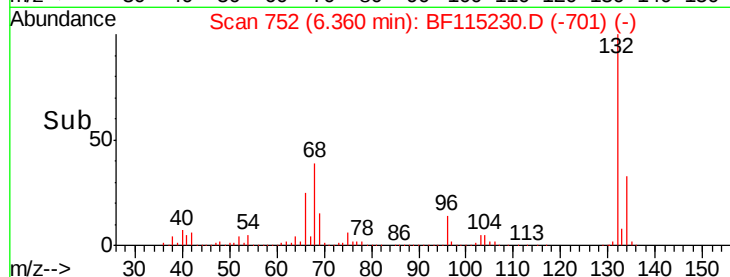
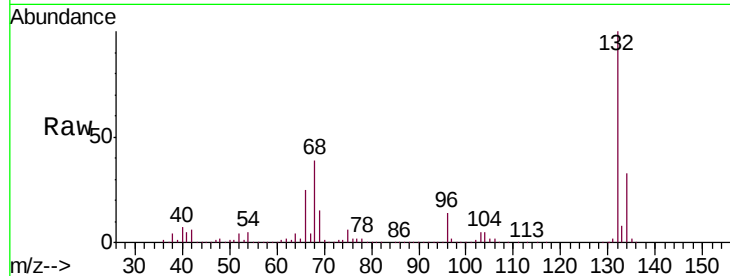




#11
bis(2-Chloroethyl)ether
Concen: 0.114 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

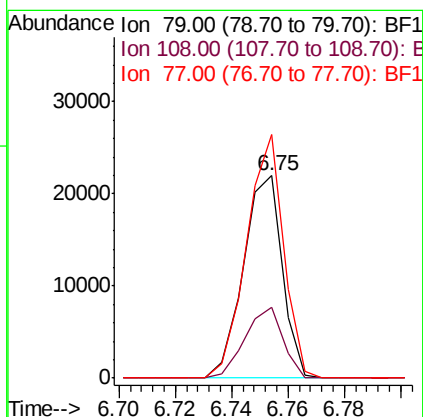
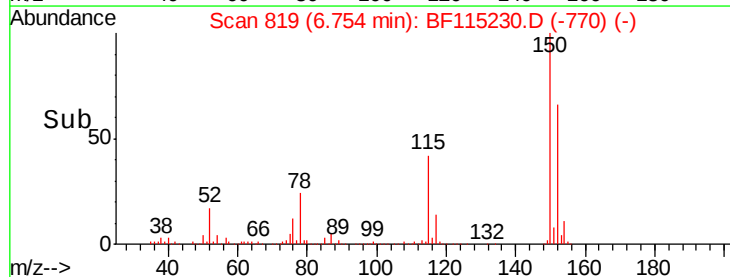
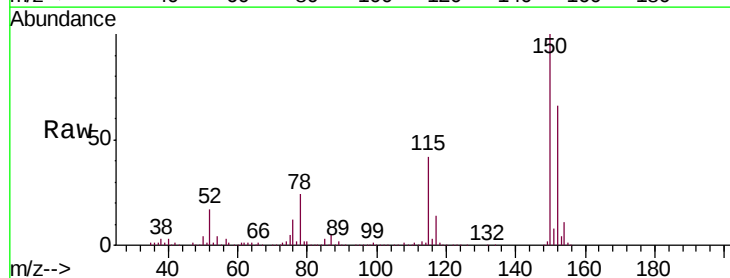
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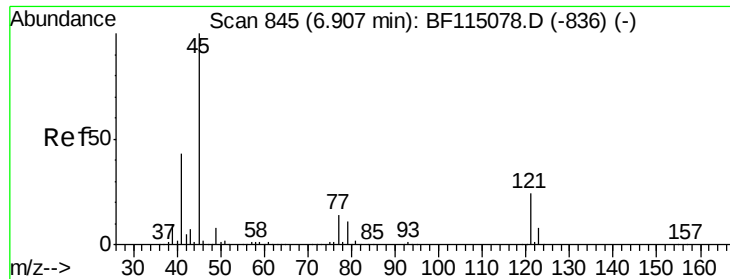
Tgt Ion: 93 Resp: 1983
Ion Ratio Lower Upper
93 100
63 553.9 51.5 91.5#
95 180.3 13.4 53.4#



#15
Benzyl Alcohol
Concen: 1.428 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Tgt Ion: 79 Resp: 20991
Ion Ratio Lower Upper
79 100
108 34.9 68.7 103.1#
77 120.5 51.7 77.5#

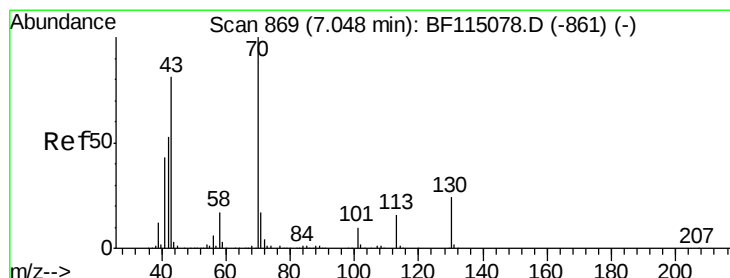
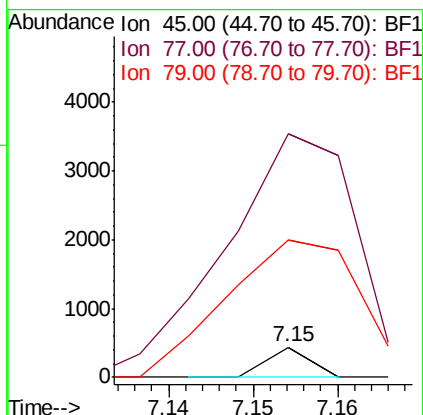
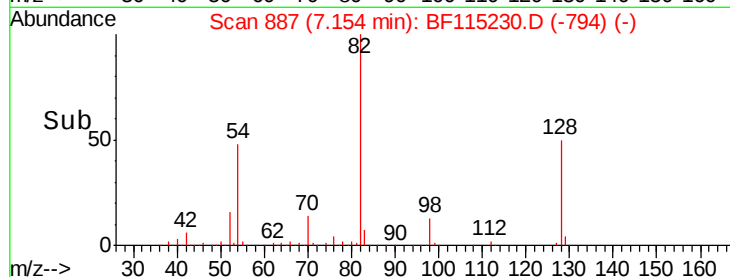
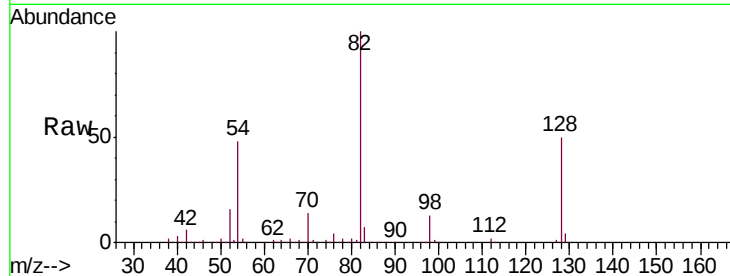




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.006 ng
RT: 7.15 min Scan# 887
Delta R.T. 0.25 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

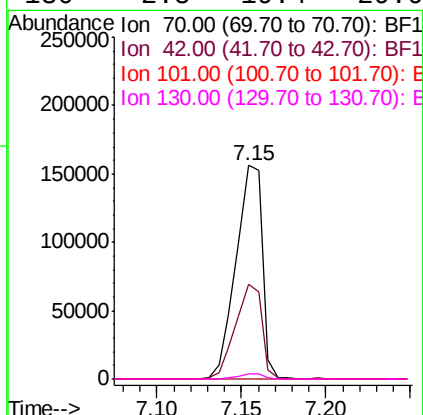
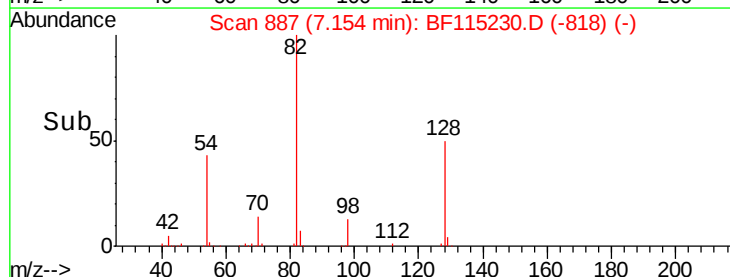
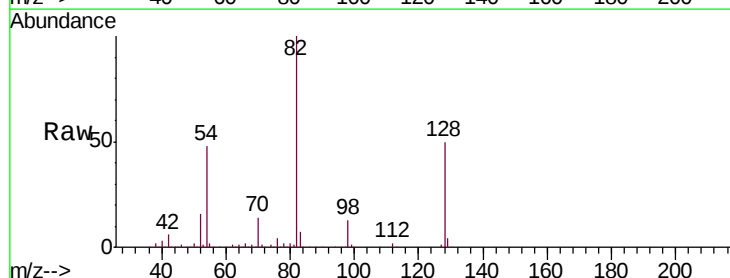
Instrument :
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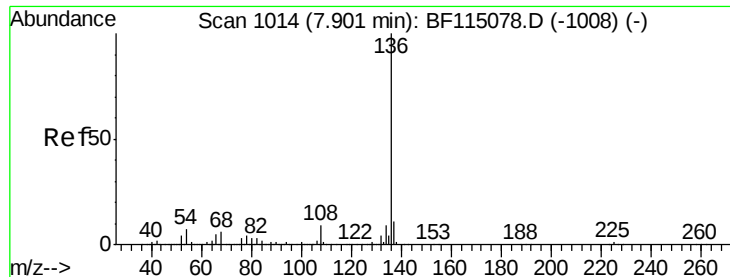
Tgt Ion: 45 Resp: 156
Ion Ratio Lower Upper
45 100
77 799.1 0.0 34.6#
79 450.1 0.0 31.2#



#19
n-Nitroso-di-n-propylamine
Concen: 13.199 ng
RT: 7.15 min Scan# 887
Delta R.T. 0.11 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Tgt Ion: 70 Resp: 170547
Ion Ratio Lower Upper
70 100
42 44.4 42.6 63.8
101 0.0 8.0 12.0#
130 2.5 19.4 29.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Instrument :

BNA_F

ClientSampleId :

PB120942BL

Tgt Ion:136 Resp: 958575

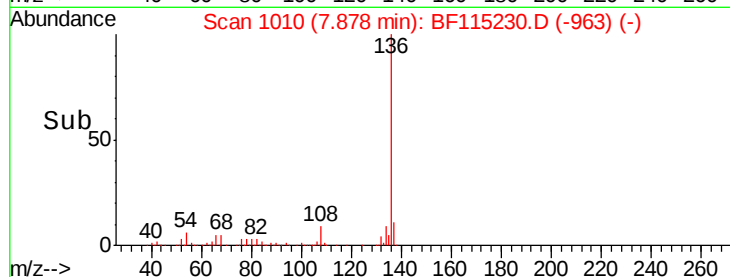
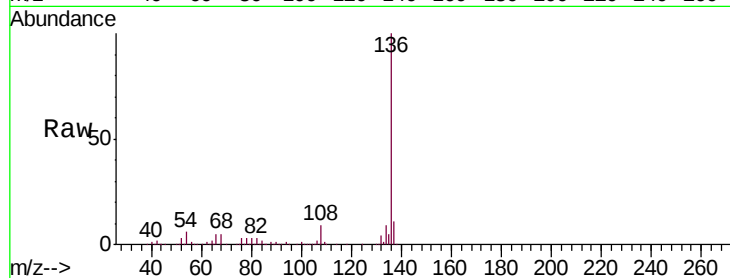
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.4 5.6 8.4

68 5.4 4.8 7.2

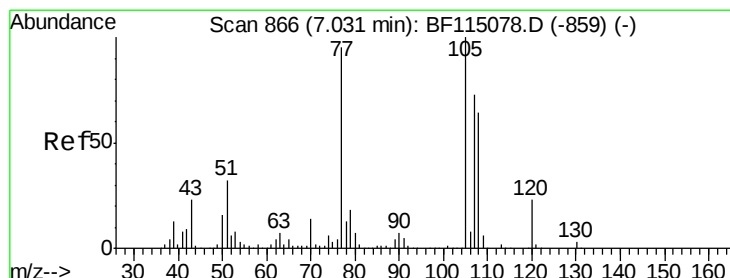
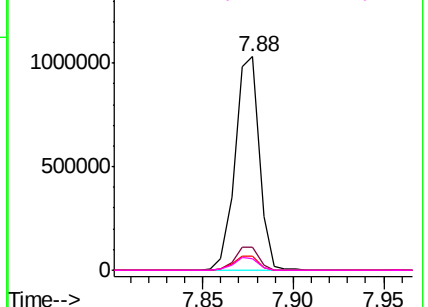


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 0.011 ng

RT: 6.75 min Scan# 818

Delta R.T. -0.28 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Tgt Ion:105 Resp: 241

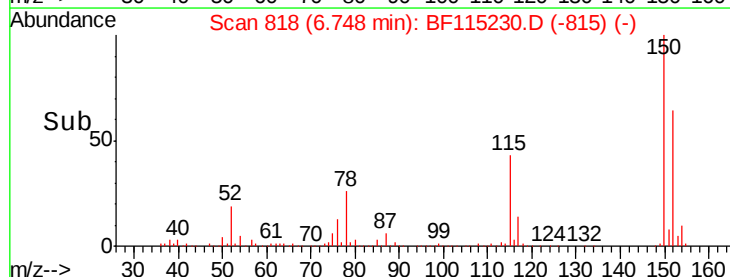
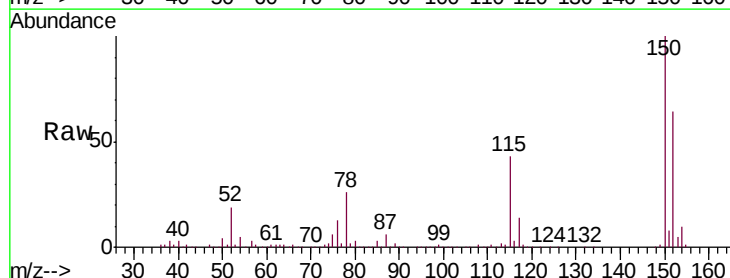
Ion Ratio Lower Upper

105 100

71 528.3 1.9 2.9#

51 1932.6 25.8 38.8#

120 378.8 18.5 27.7#

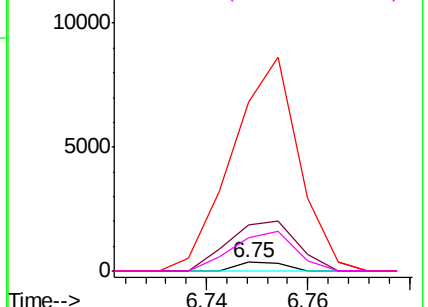


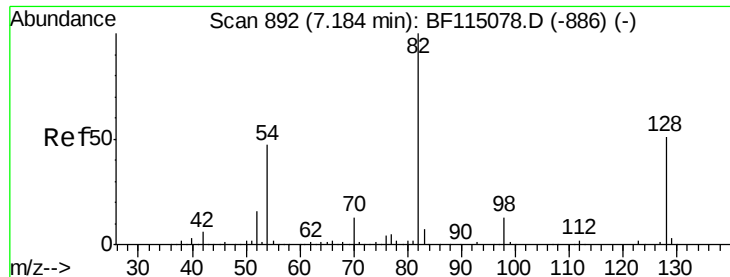
Abundance Ion 105.00 (104.70 to 105.70): E

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

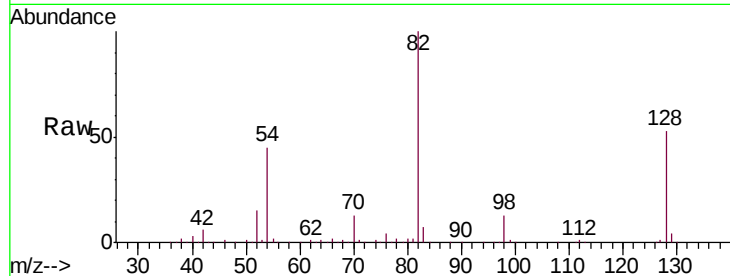




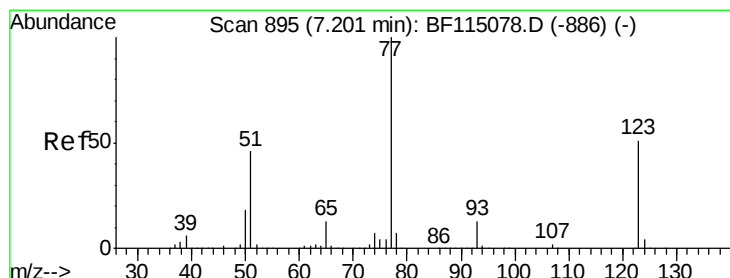
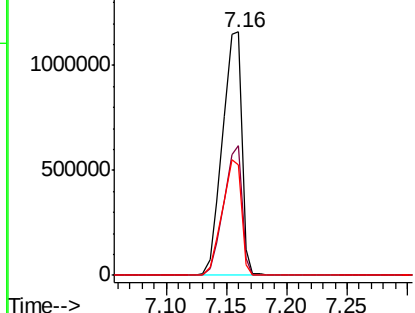
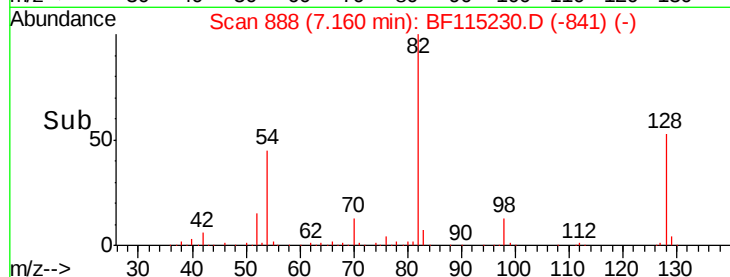
#23
 Nitrobenzene-d5
 Concen: 82.737 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF115230.D
 Acq: 27 Jun 2019 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BL

Tgt Ion: 82 Resp: 1289260
 Ion Ratio Lower Upper
 82 100
 128 53.3 40.4 60.6
 54 45.2 37.5 56.3

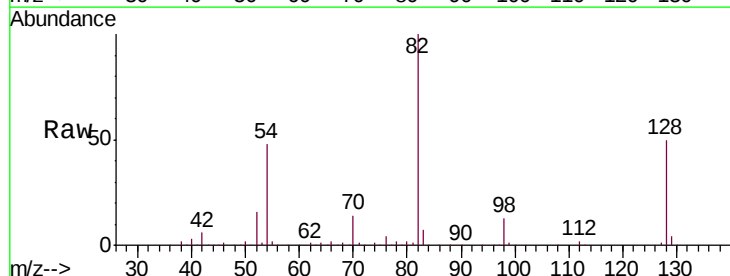


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

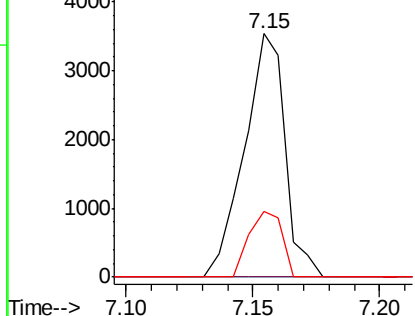
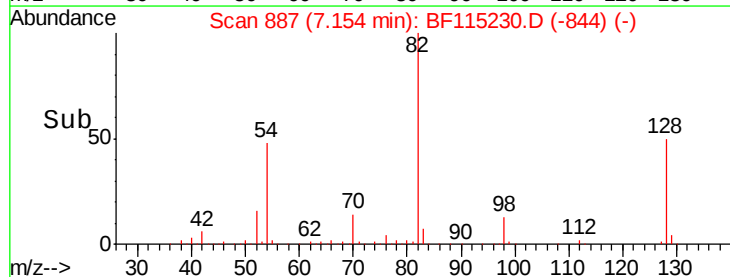


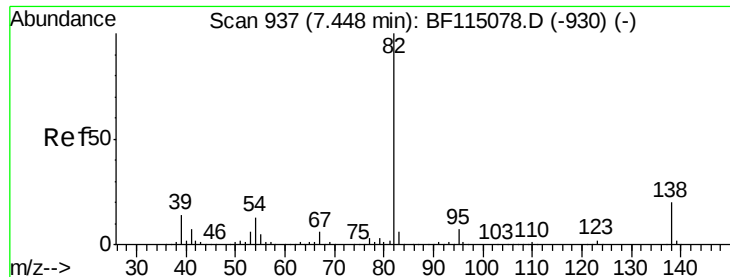
#24
 Nitrobenzene
 Concen: 0.230 ng
 RT: 7.15 min Scan# 887
 Delta R.T. -0.05 min
 Lab File: BF115230.D
 Acq: 27 Jun 2019 12:27

Tgt Ion: 77 Resp: 3952
 Ion Ratio Lower Upper
 77 100
 123 0.0 41.0 61.6#
 65 27.1 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: 39.313 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.29 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Instrument :

BNA_F

ClientSampleId :

PB120942BL

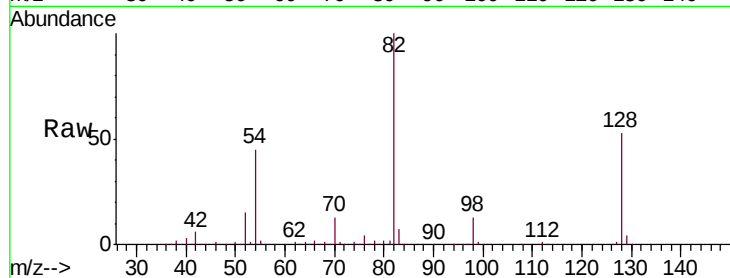
Tgt Ion: 82 Resp: 1254929

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

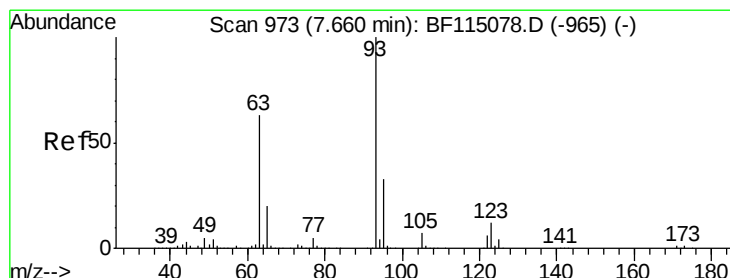
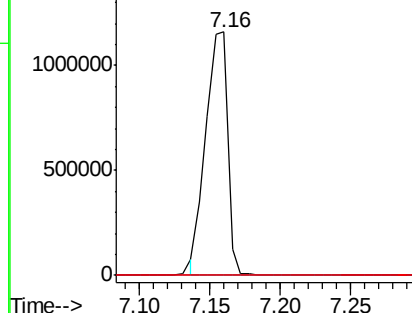
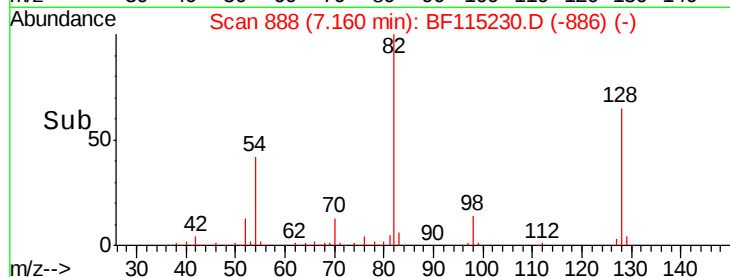
138 0.0 15.9 23.9#



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: 0.006 ng

RT: 7.87 min Scan# 1009

Delta R.T. 0.21 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

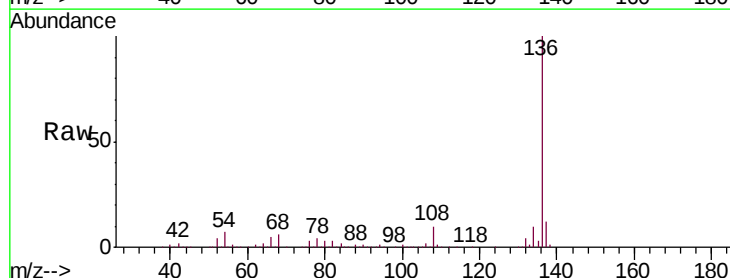
Tgt Ion: 93 Resp: 111

Ion Ratio Lower Upper

93 100

95 203.2 26.2 39.4#

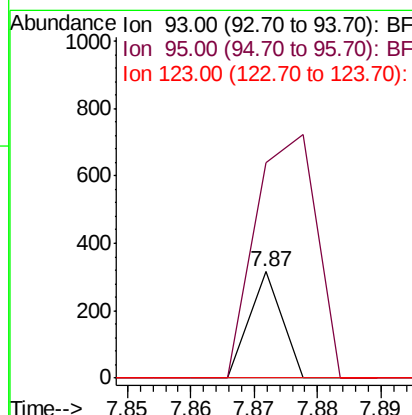
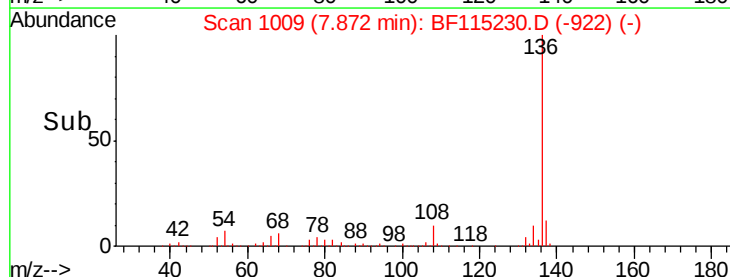
123 0.0 9.7 14.5#

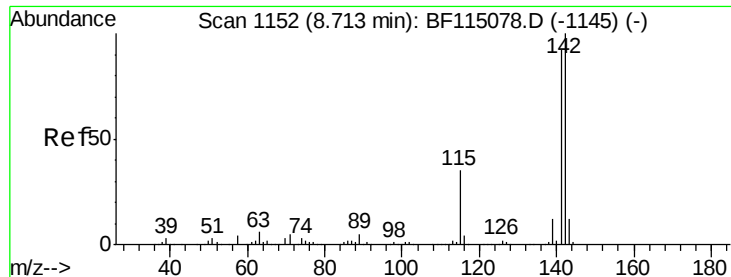


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

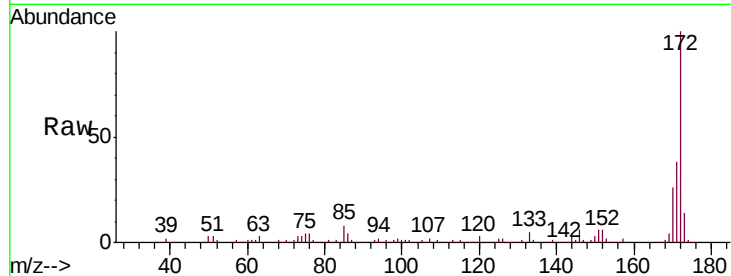




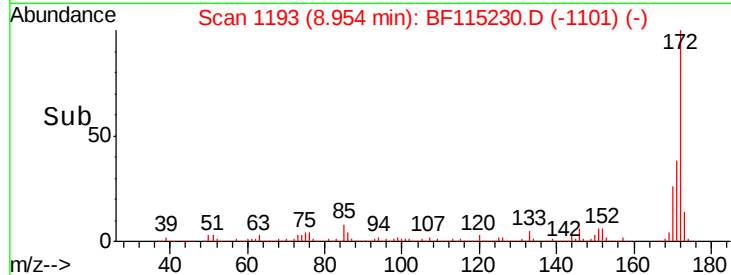
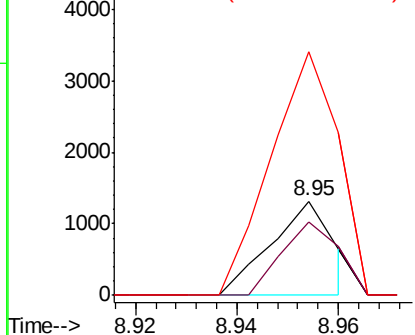
#38
1-Methylnaphthalene
Concen: 0.037 ng
RT: 8.95 min Scan# 1193
Delta R.T. 0.24 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Instrument :
BNA_F
ClientSampleId :
PB120942BL

Tgt Ion:142 Resp: 1124
Ion Ratio Lower Upper
142 100
141 77.6 73.8 110.8
116 258.9 2.8 4.2#

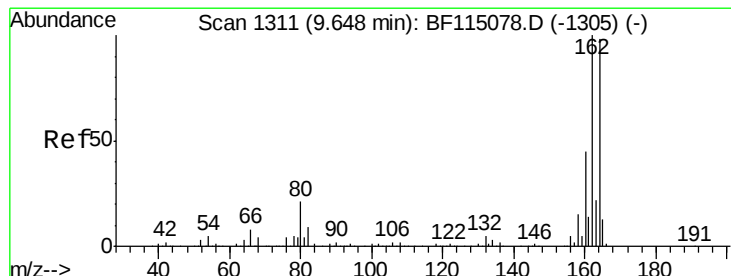


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

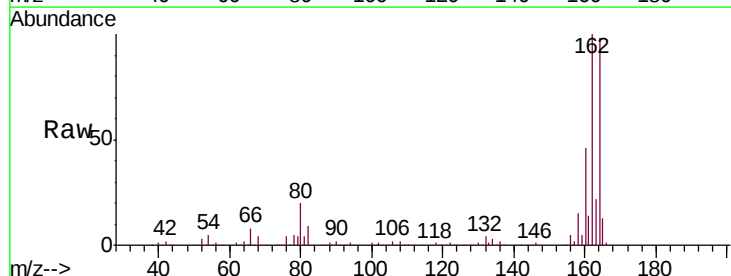
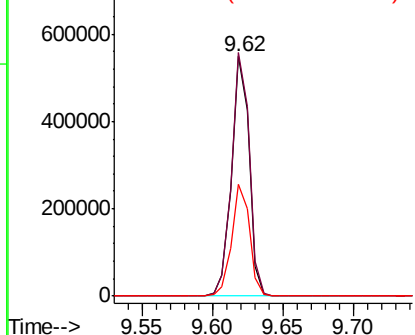


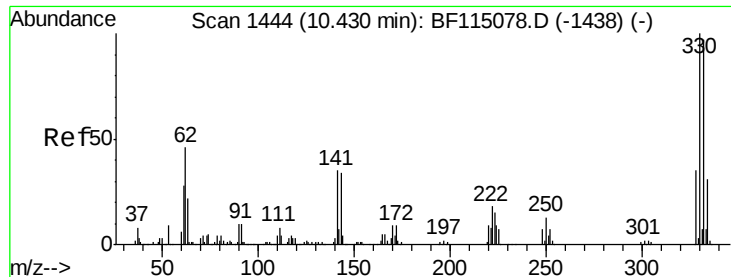
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Tgt Ion:164 Resp: 476182
Ion Ratio Lower Upper
164 100
162 101.8 81.7 122.5
160 46.9 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

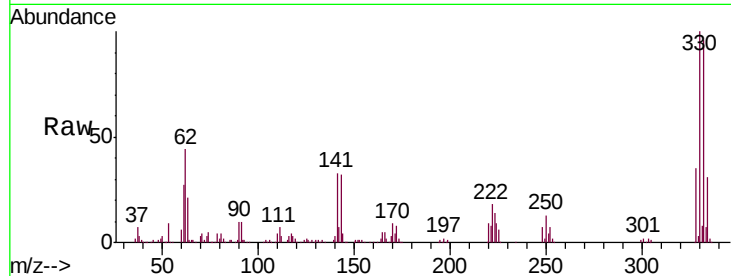




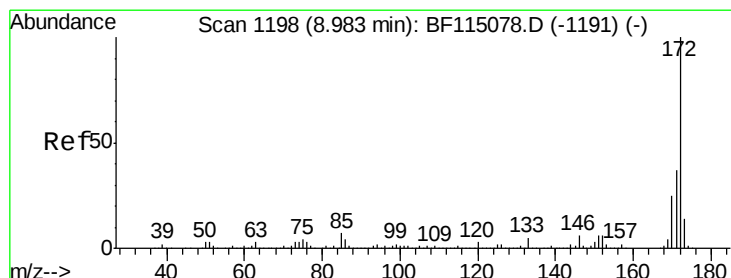
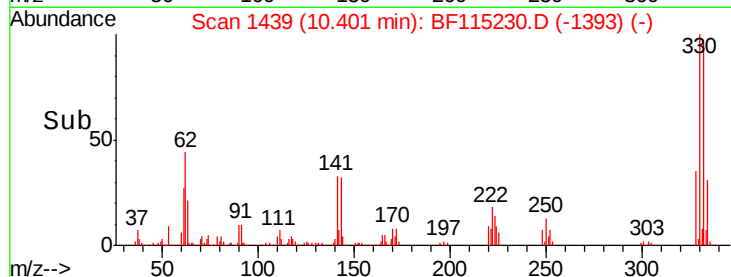
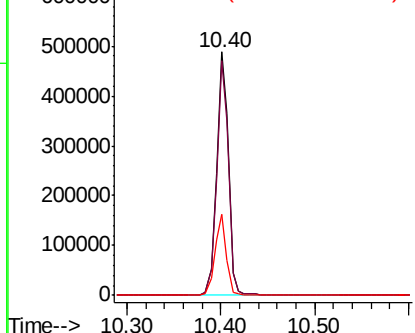
#42
 2,4,6-Tribromophenol
 Concen: 86.818 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.03 min
 Lab File: BF115230.D
 Acq: 27 Jun 2019 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BL

Tgt Ion:330 Resp: 435955
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 32.2 28.2 42.2

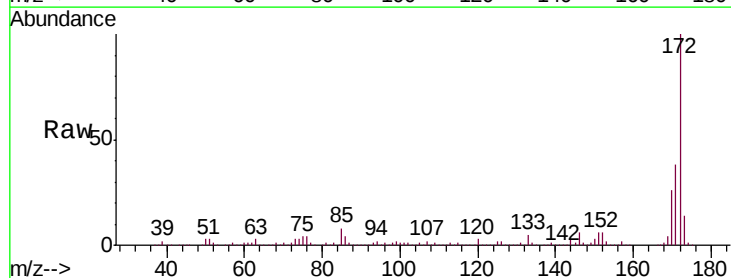


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

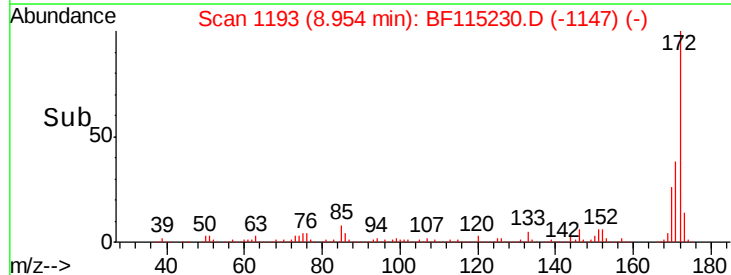
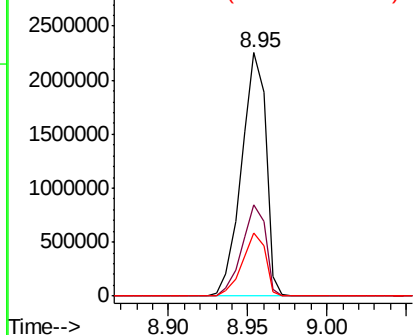


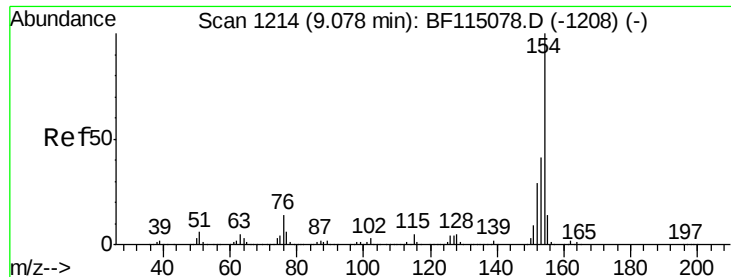
#45
 2-Fluorobiphenyl
 Concen: 85.780 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BF115230.D
 Acq: 27 Jun 2019 12:27

Tgt Ion:172 Resp: 2404696
 Ion Ratio Lower Upper
 172 100
 171 37.7 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

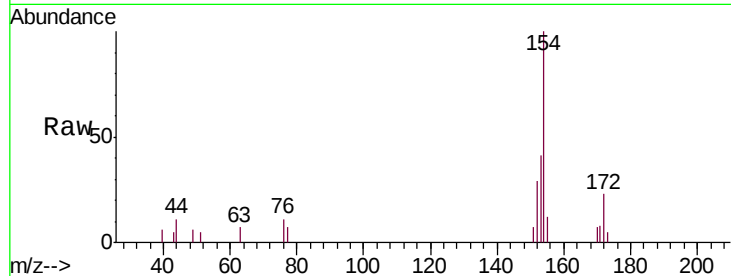




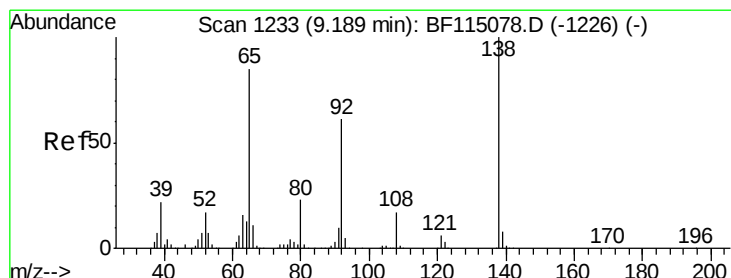
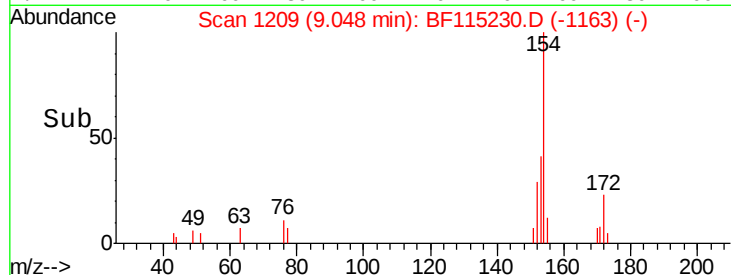
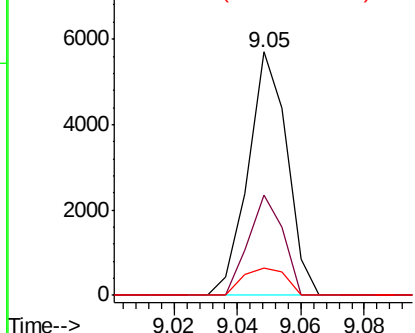
#46
 1,1'-Biphenyl
 Concen: 0.127 ng
 RT: 9.05 min Scan# 1209
 Delta R.T. -0.03 min
 Lab File: BF115230.D
 Acq: 27 Jun 2019 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BL

Tgt Ion: 154 Resp: 4855
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.9 60.9
 76 11.1 0.0 34.1

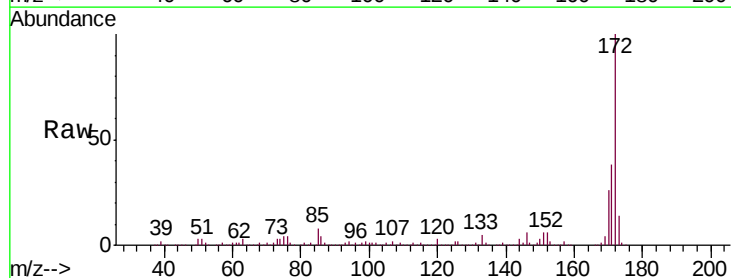


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

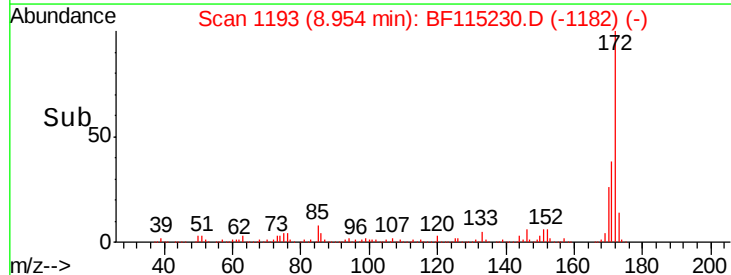
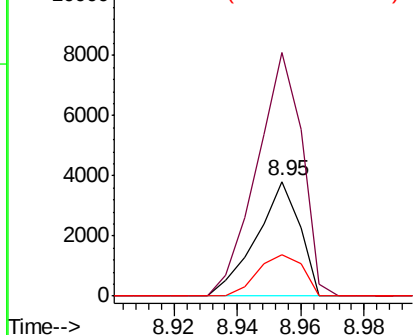


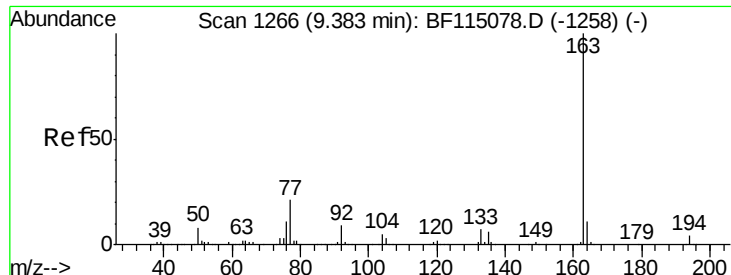
#48
 2-Nitroaniline
 Concen: 0.402 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.24 min
 Lab File: BF115230.D
 Acq: 27 Jun 2019 12:27

Tgt Ion: 65 Resp: 3626
 Ion Ratio Lower Upper
 65 100
 92 212.2 57.4 86.2#
 138 35.5 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): E

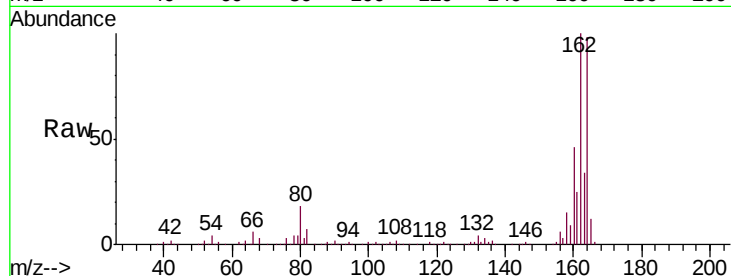




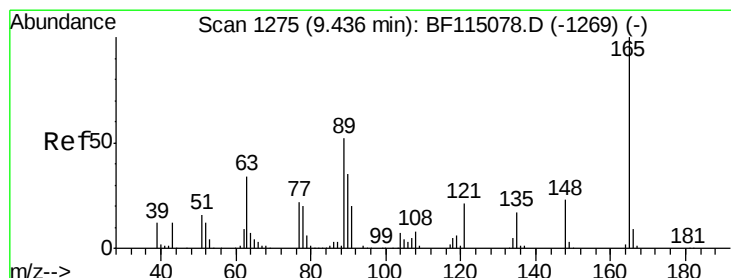
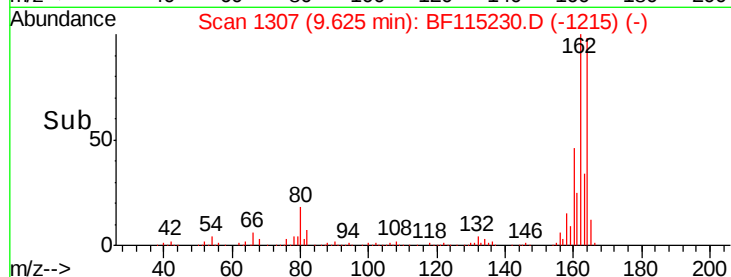
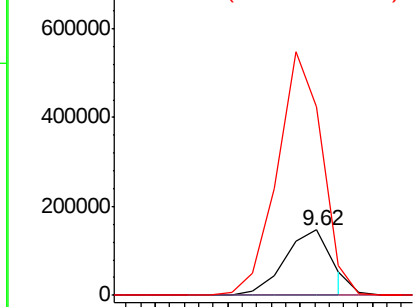
#50
Dimethylphthalate
Concen: 3.784 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.24 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Instrument :
BNA_F
ClientSampleId :
PB120942BL

Tgt Ion:163 Resp: 132562
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 289.6 8.6 13.0#

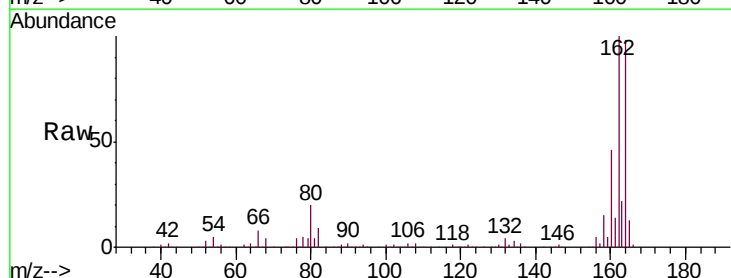


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

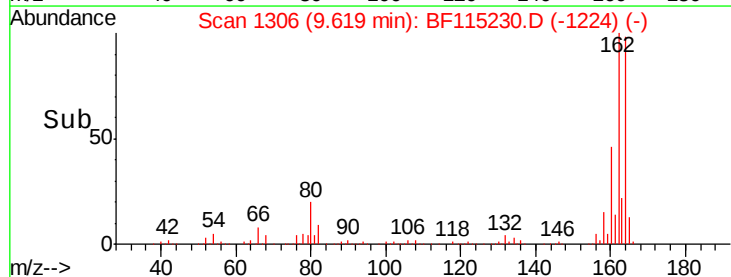
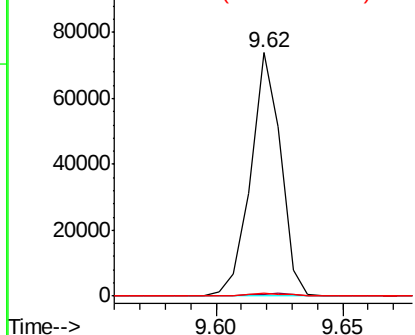


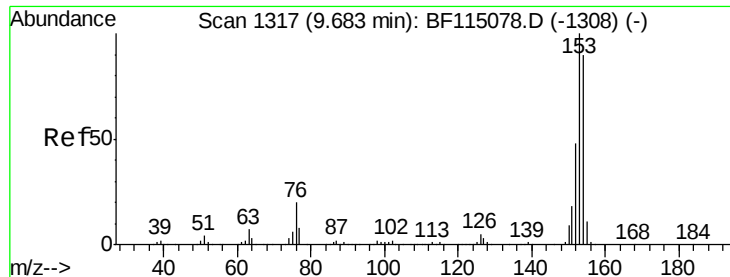
#51
2,6-Dinitrotoluene
Concen: 7.557 ng
RT: 9.62 min Scan# 1306
Delta R.T. 0.18 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Tgt Ion:165 Resp: 61123
Ion Ratio Lower Upper
165 100
63 1.0 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: 0.005 ng

RT: 9.65 min Scan# 1311

Delta R.T. -0.04 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Instrument :

BNA_F

ClientSampleId :

PB120942BL

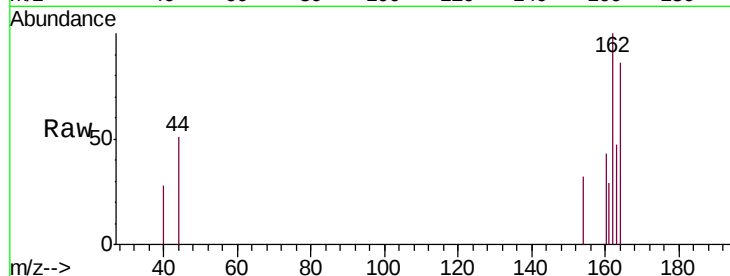
Tgt Ion:154 Resp: 139

Ion Ratio Lower Upper

154 100

153 0.0 88.7 133.1#

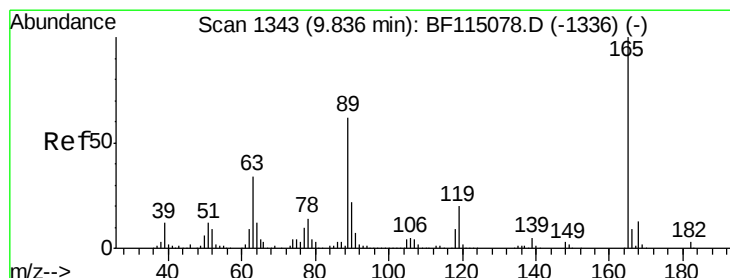
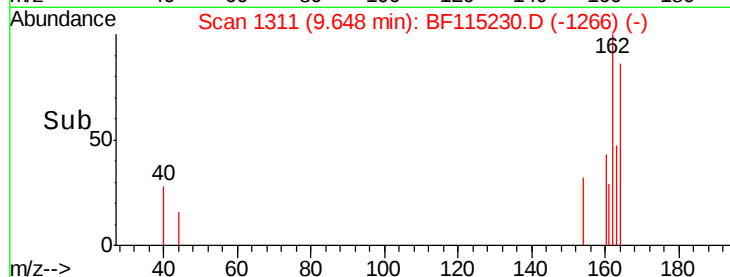
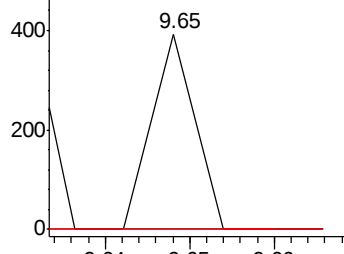
152 0.0 42.6 64.0#



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: 5.853 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.22 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Tgt Ion:165 Resp: 61123

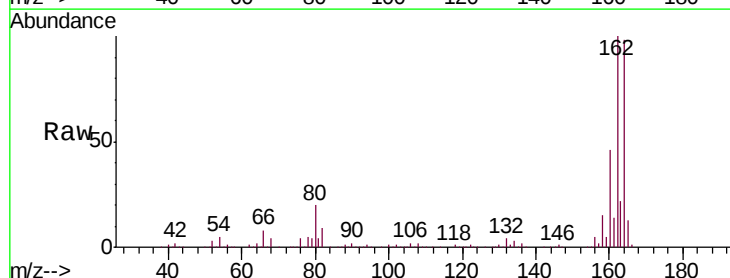
Ion Ratio Lower Upper

165 100

63 1.0 27.5 41.3#

89 1.1 49.9 74.9#

182 0.0 2.1 3.1#

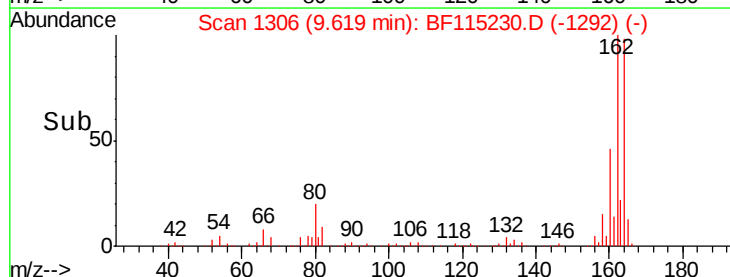
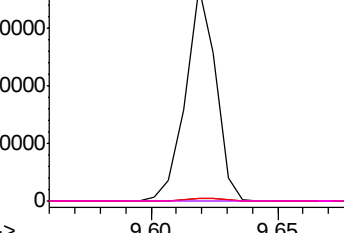


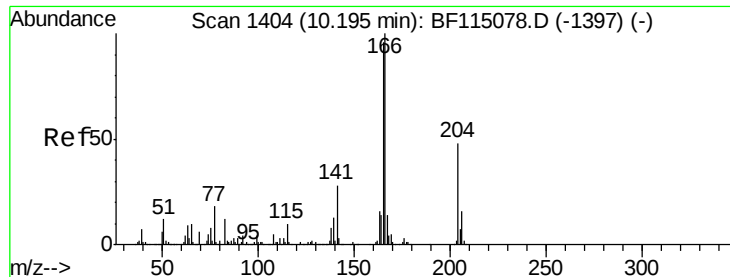
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: Below Cal

RT: 10.40 min Scan# 1439

Delta R.T. 0.21 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Instrument :

BNA_F

ClientSampleId :

PB120942BL

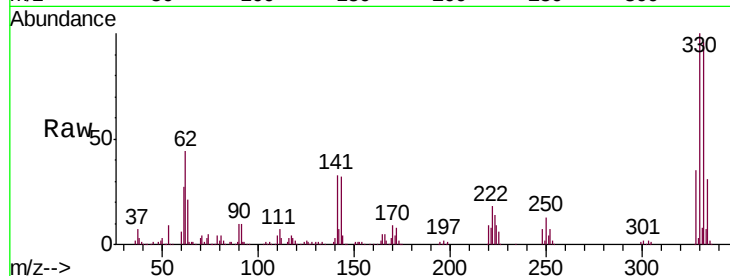
Tgt Ion:166 Resp: 19902

Ion Ratio Lower Upper

166 100

165 97.4 76.5 114.7

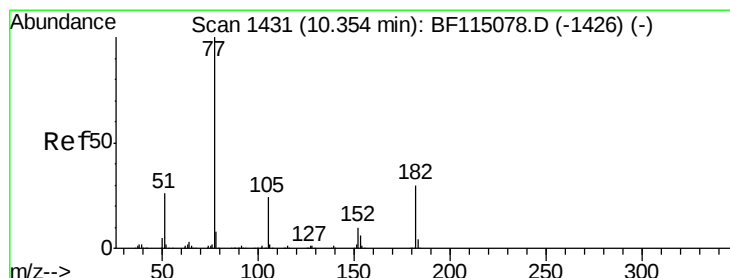
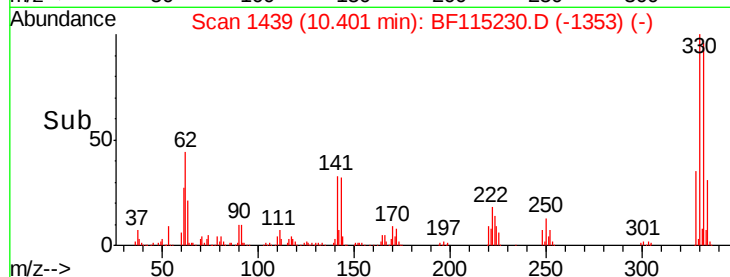
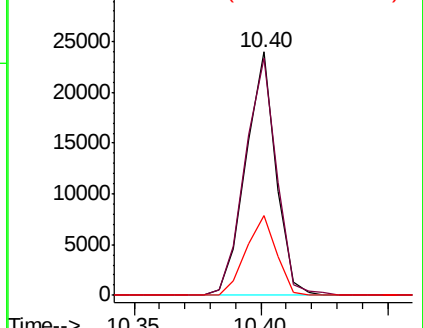
167 32.6 11.0 16.4#



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



#63

Azobenzene

Concen: 0.060 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.05 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Tgt Ion: 77 Resp: 1969

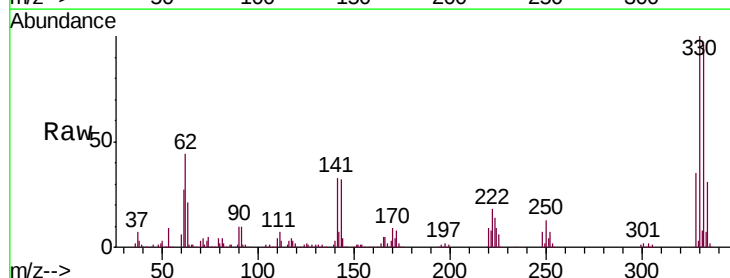
Ion Ratio Lower Upper

77 100

182 0.0 10.1 50.1#

105 90.4 4.5 44.5#

51 64.1 6.4 46.4#

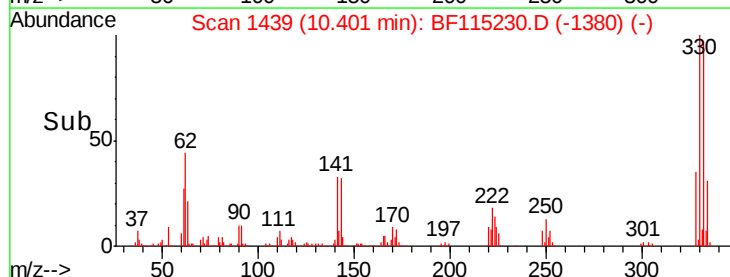
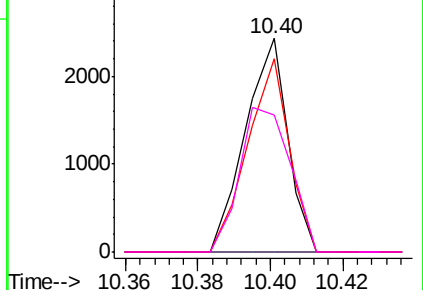


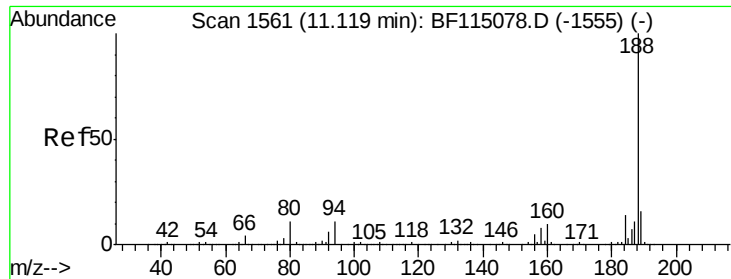
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.09 min Scan# 1556

Delta R.T. -0.03 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Instrument :

BNA_F

ClientSampleId :

PB120942BL

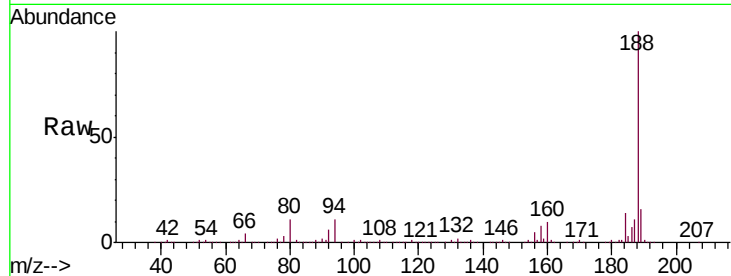
Tgt Ion:188 Resp: 927710

Ion Ratio Lower Upper

188 100

94 10.5 8.6 12.8

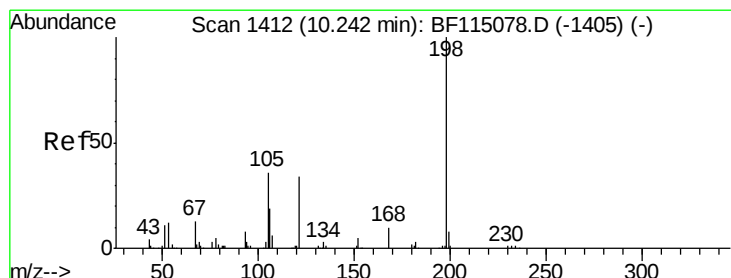
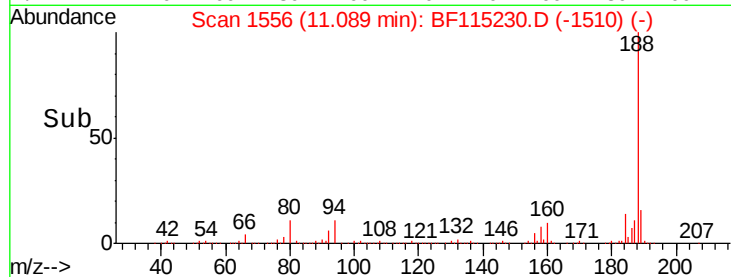
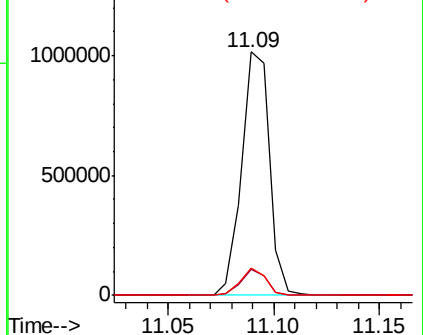
80 11.2 8.8 13.2



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: 5.107 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.16 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

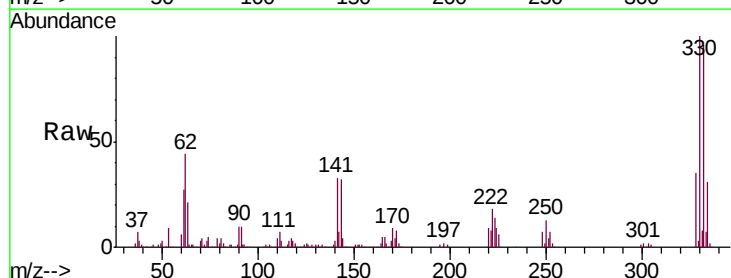
Tgt Ion:198 Resp: 812

Ion Ratio Lower Upper

198 100

51 141.6 11.0 51.0#

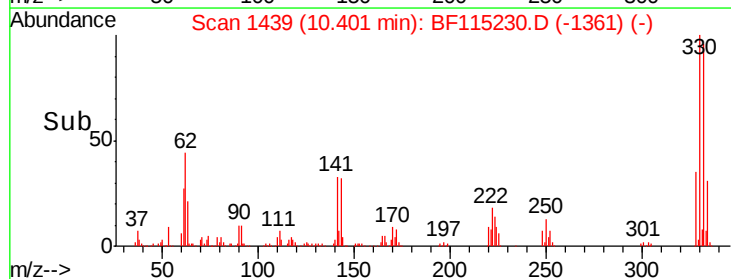
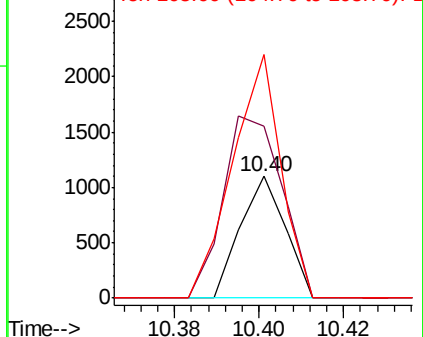
105 199.8 17.3 57.3#

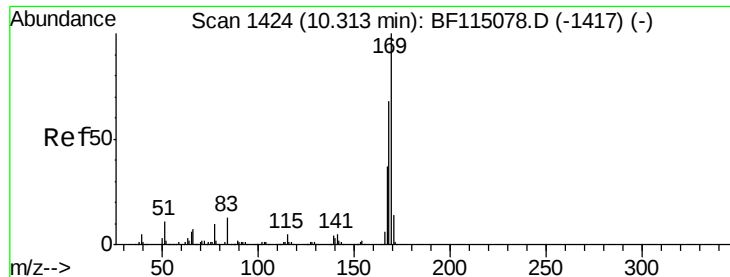


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

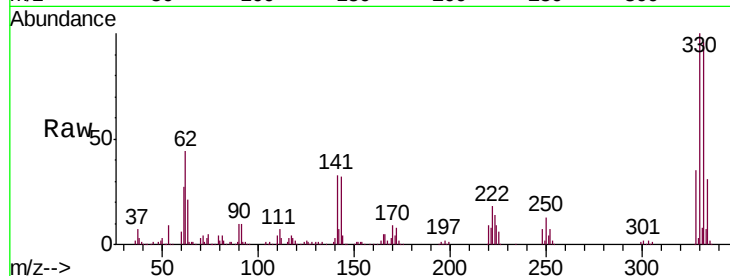




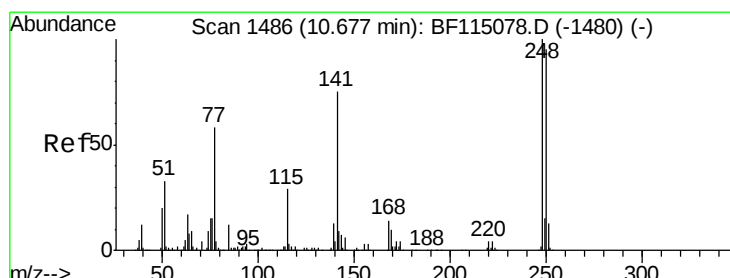
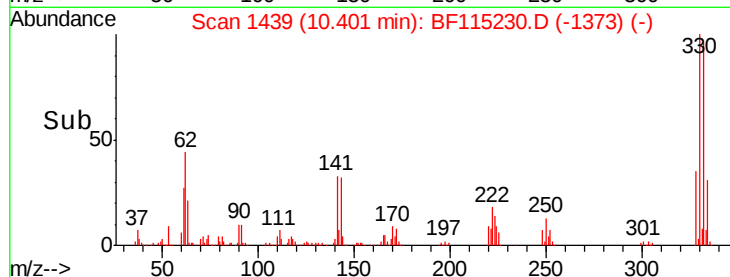
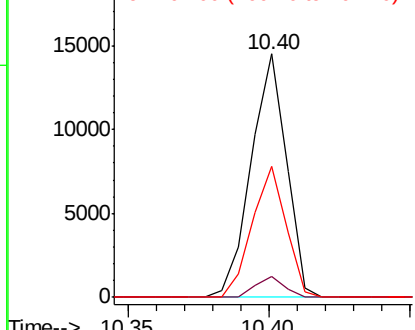
#66
 n-Nitrosodiphenylamine
 Concen: 0.435 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. 0.09 min
 Lab File: BF115230.D
 Acq: 27 Jun 2019 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BL

Tgt Ion:169 Resp: 12575
 Ion Ratio Lower Upper
 169 100
 168 8.8 54.2 81.4#
 167 53.9 29.4 44.0#

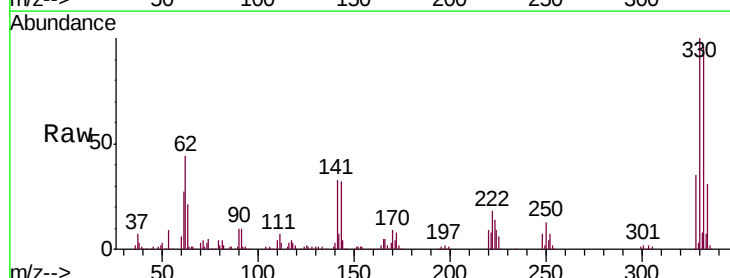


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

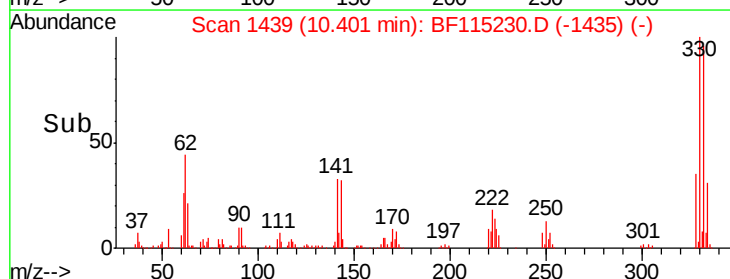
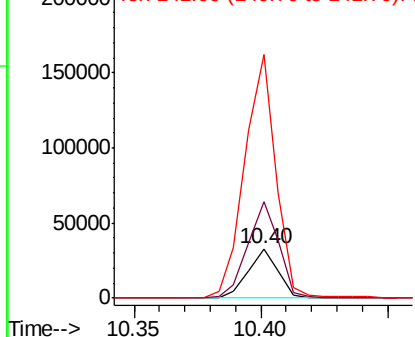


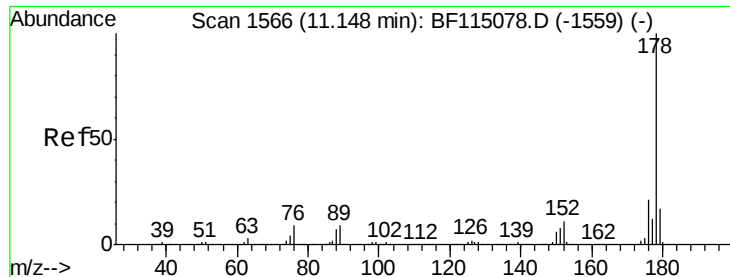
#67
 4-Bromophenyl-phenylether
 Concen: 2.702 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.28 min
 Lab File: BF115230.D
 Acq: 27 Jun 2019 12:27

Tgt Ion:248 Resp: 27182
 Ion Ratio Lower Upper
 248 100
 250 196.8 76.2 114.2#
 141 493.6 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

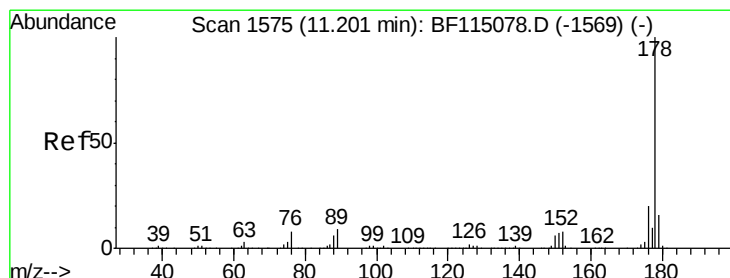
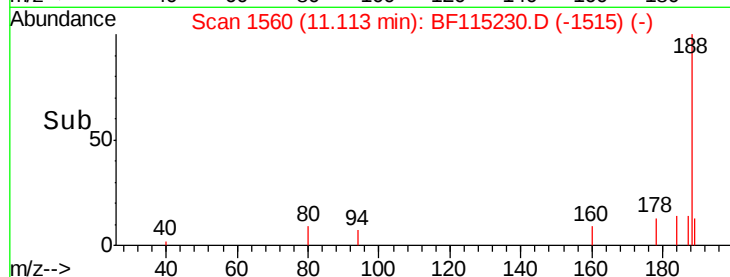
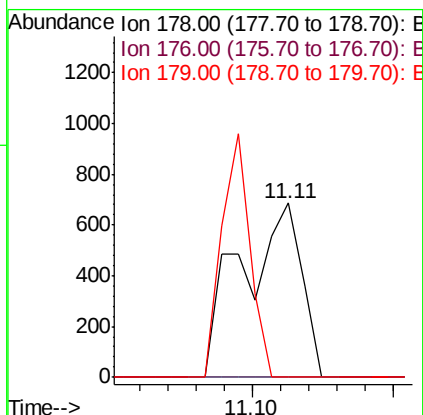
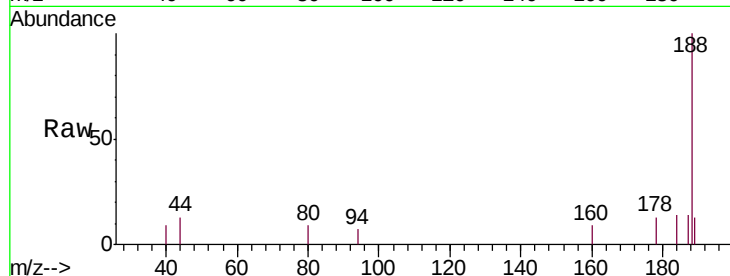




#71
Phenanthrene
Concen: 0.020 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.04 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

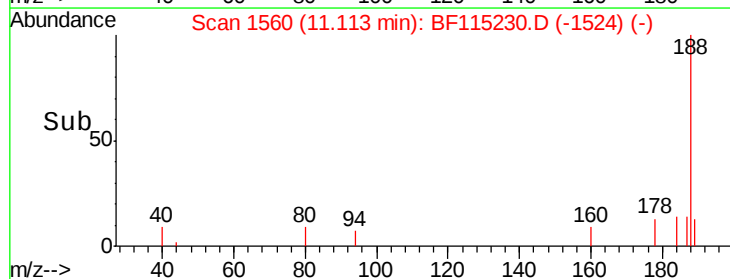
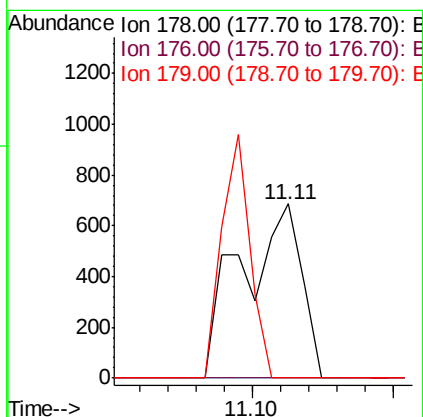
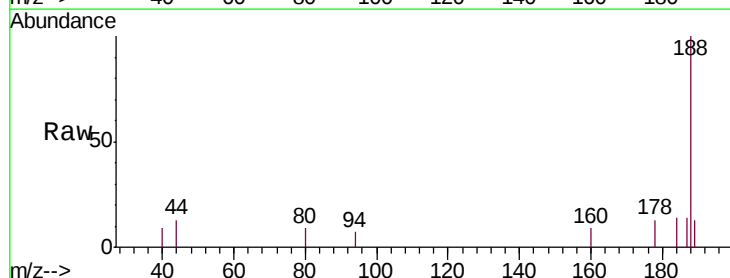
Instrument :
BNA_F
ClientSampleId :
PB120942BL

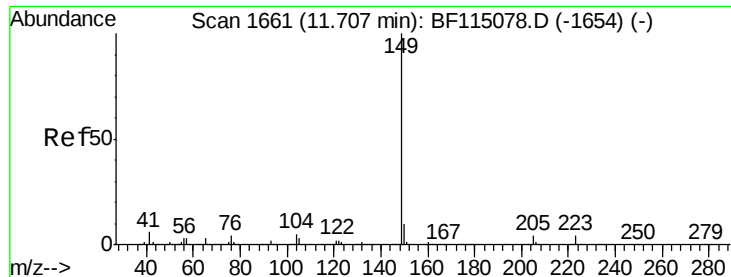
Tgt Ion:178 Resp: 1016
Ion Ratio Lower Upper
178 100
176 0.0 16.9 25.3#
179 0.0 13.2 19.8#



#72
Anthracene
Concen: 0.020 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.09 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Tgt Ion:178 Resp: 1016
Ion Ratio Lower Upper
178 100
176 0.0 16.1 24.1#
179 0.0 12.9 19.3#





#74

Di-n-butylphthalate

Concen: 0.016 ng

RT: 11.67 min Scan# 1655

Delta R.T. -0.04 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Instrument :

BNA_F

ClientSampleId :

PB120942BL

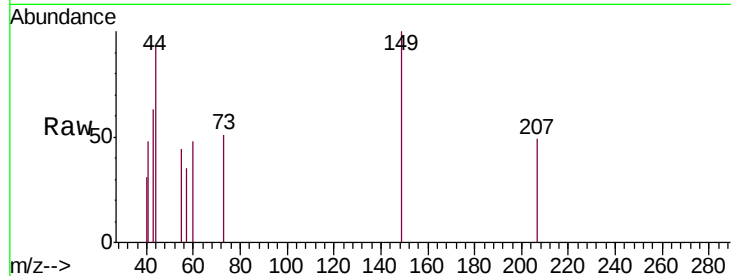
Tgt Ion:149 Resp: 830

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.8#

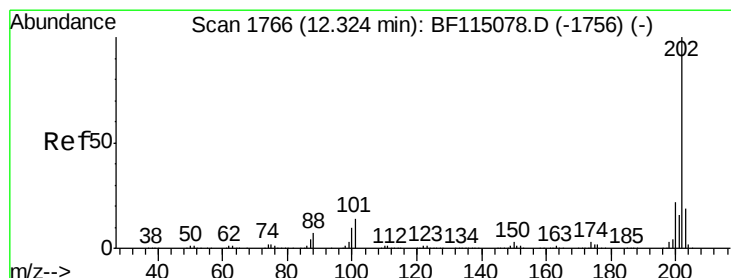
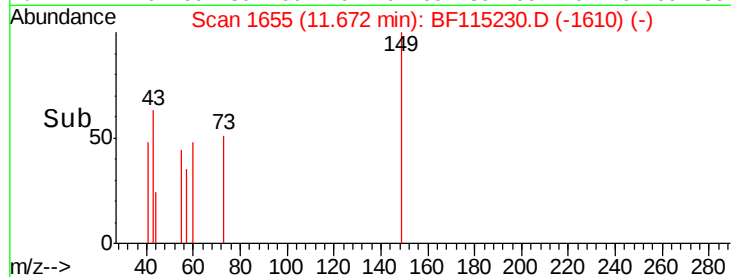
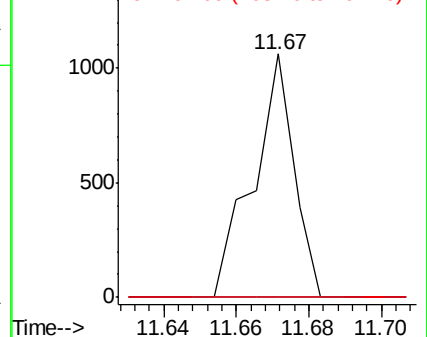
104 0.0 3.7 5.5#



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: 0.008 ng

RT: 12.30 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

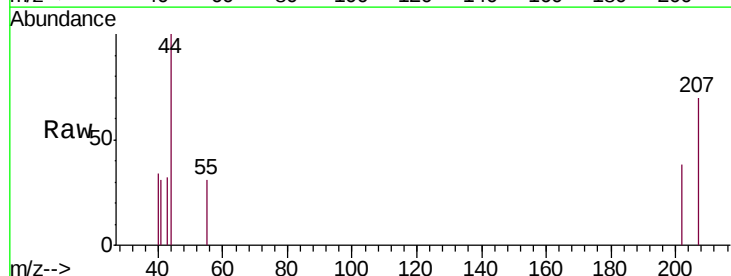
Tgt Ion:202 Resp: 392

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.0

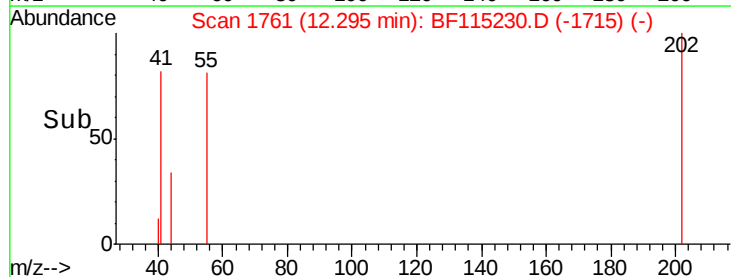
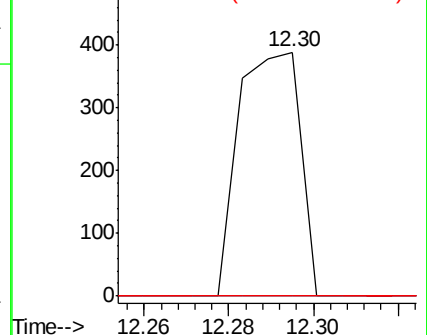
203 0.0 0.0 38.8

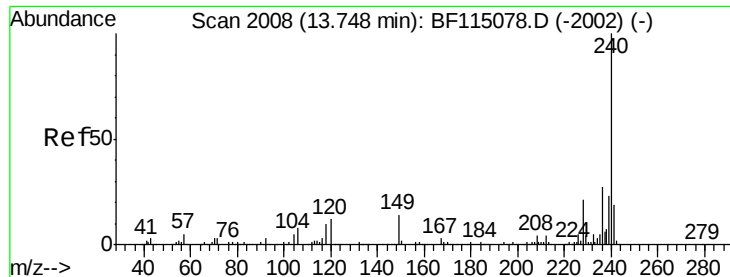


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 2001

Delta R.T. -0.04 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Instrument :

BNA_F

ClientSampleId :

PB120942BL

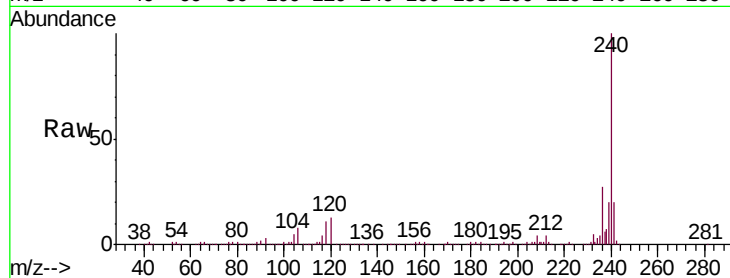
Tgt Ion:240 Resp: 745099

Ion Ratio Lower Upper

240 100

120 13.3 9.4 14.2

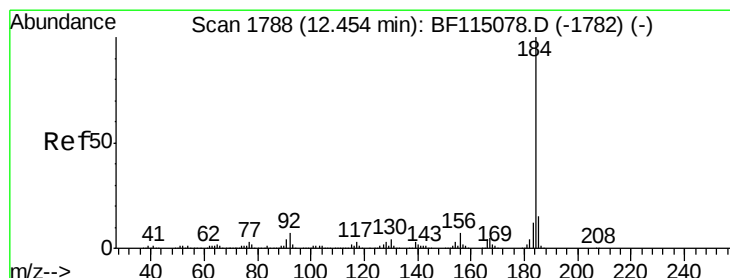
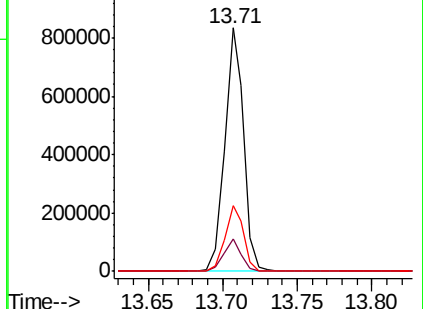
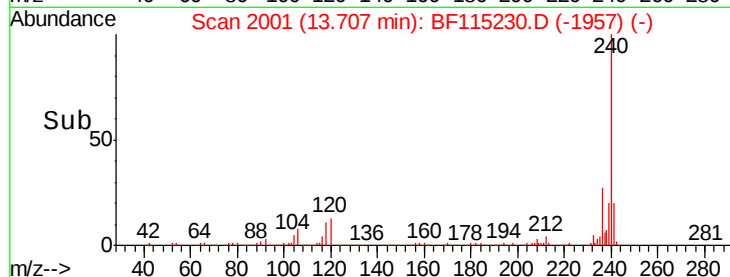
236 27.1 21.7 32.5



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: 0.968 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.22 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

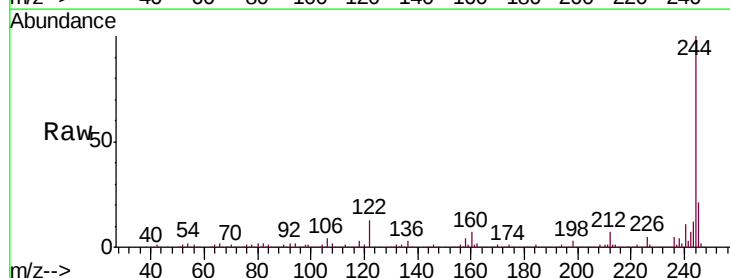
Tgt Ion:184 Resp: 32021

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

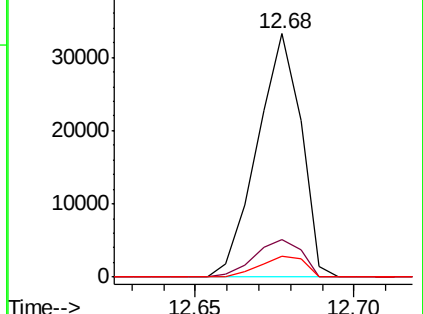
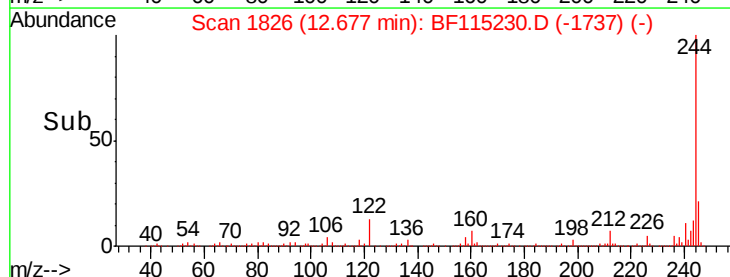
183 8.3 9.6 14.4#

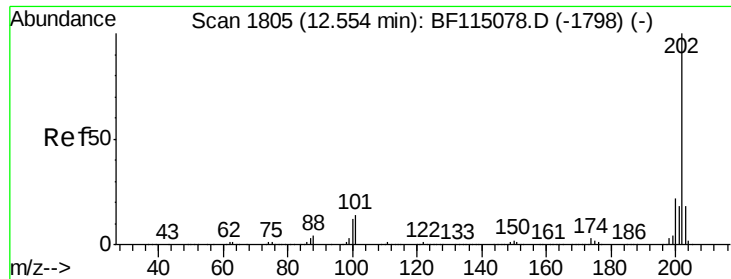


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

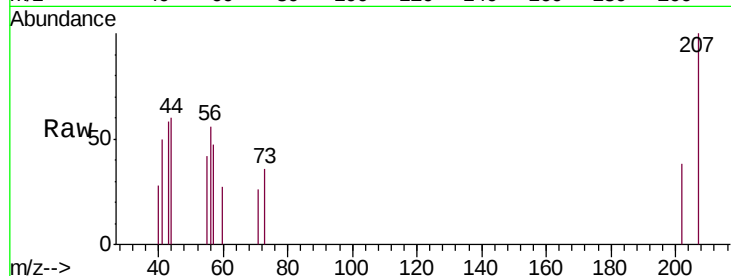




#78
Pyrene
Concen: 0.005 ng
RT: 12.52 min Scan# 1799
Delta R.T. -0.04 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

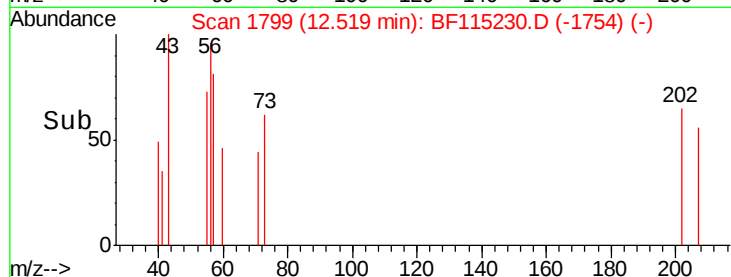
Instrument :
BNA_F
ClientSampleId :
PB120942BL

Tgt Ion: 202 Resp: 285
Ion Ratio Lower Upper
202 100
200 0.0 17.9 26.9#
203 0.0 14.6 21.8#

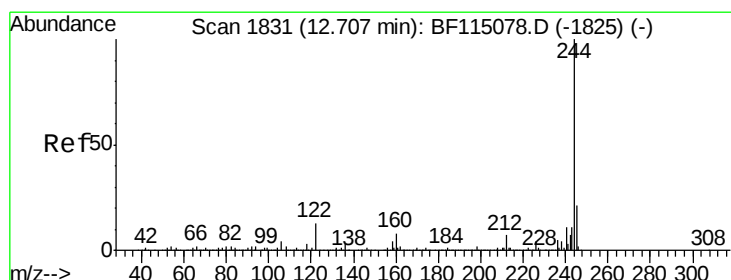


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.52

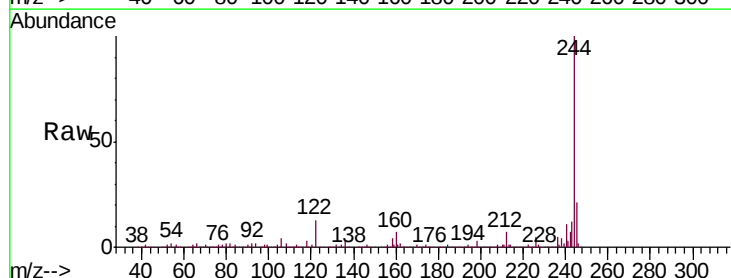


Time-->



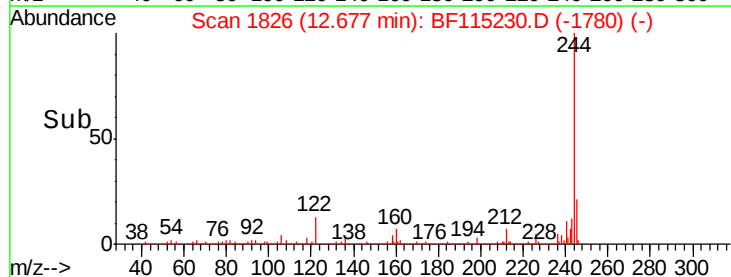
#79
Terphenyl-d14
Concen: 71.923 ng
RT: 12.68 min Scan# 1826
Delta R.T. -0.03 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Tgt Ion: 244 Resp: 2520510
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 12.6 10.4 15.6

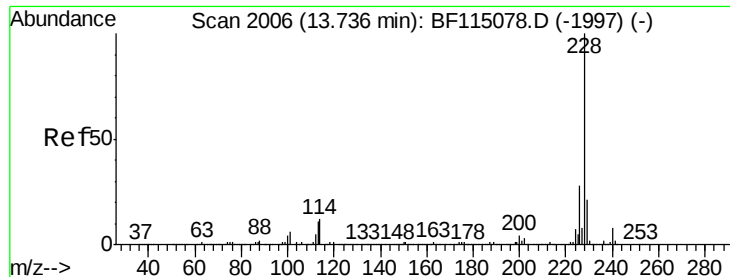


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

12.68



Time-->



#81

Benzo(a)anthracene

Concen: 0.054 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.03 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

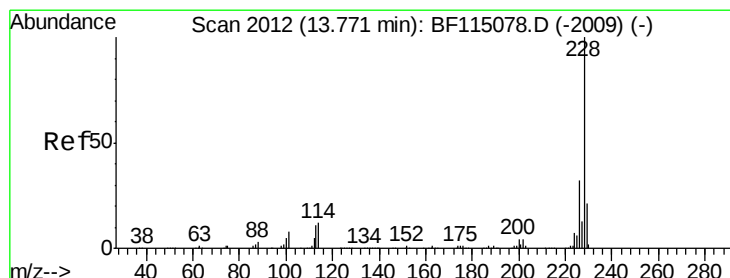
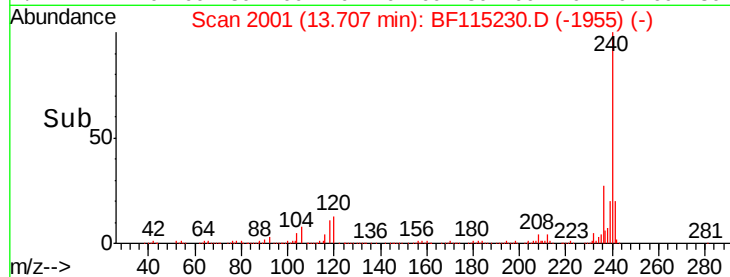
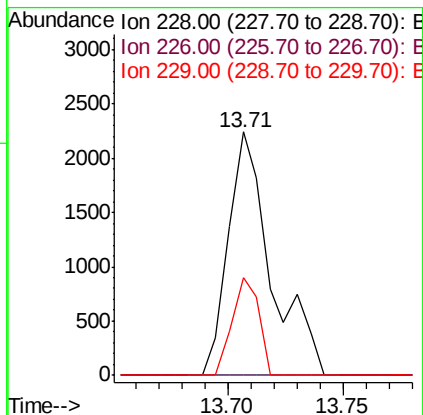
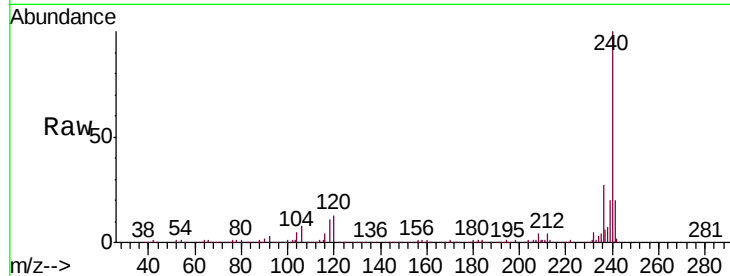
Instrument :

BNA_F

ClientSampleId :

PB120942BL

Tgt Ion:	228	Resp:	2887
Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.5	33.7#
229	40.1	16.6	24.8#



#83

Chrysene

Concen: 0.059 ng

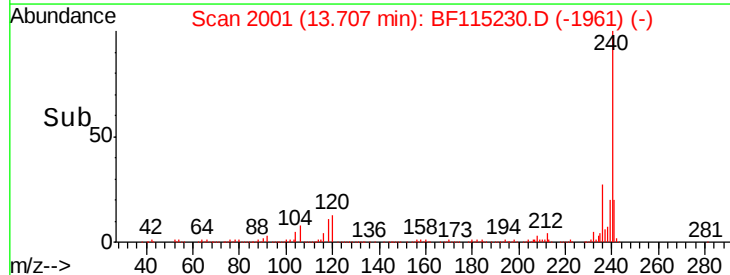
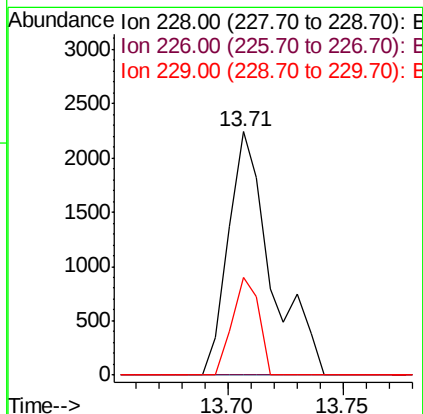
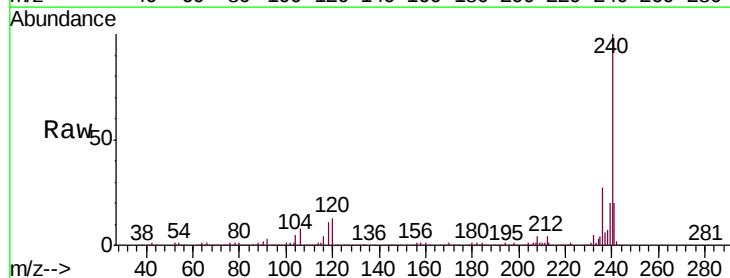
RT: 13.71 min Scan# 2001

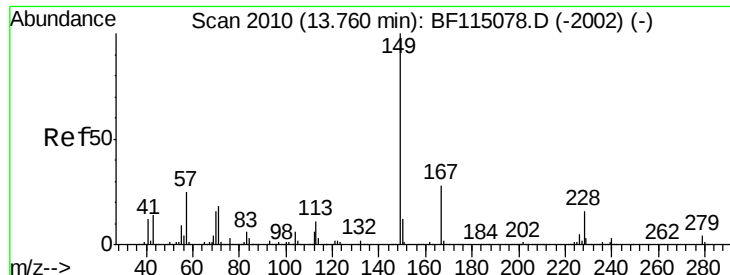
Delta R.T. -0.06 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Tgt Ion:	228	Resp:	2887
Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	40.1	16.5	24.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.025 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.04 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Instrument :

BNA_F

ClientSampleId :

PB120942BL

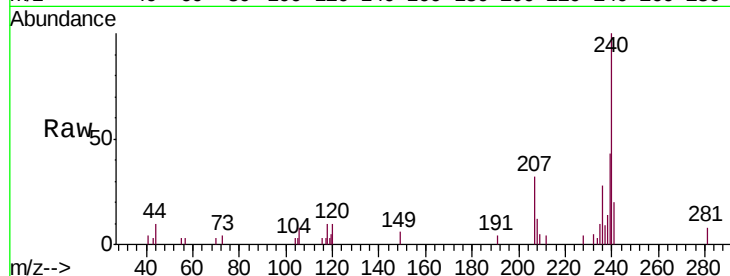
Tgt Ion:149 Resp: 813

Ion Ratio Lower Upper

149 100

167 0.0 22.2 33.4#

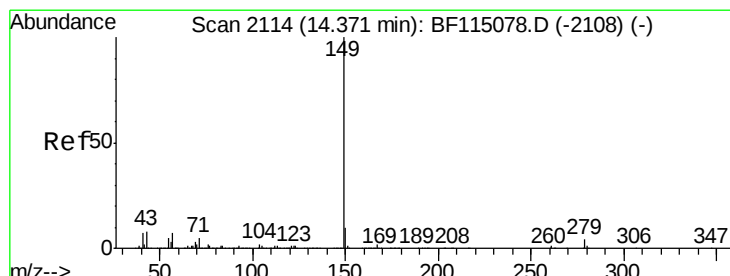
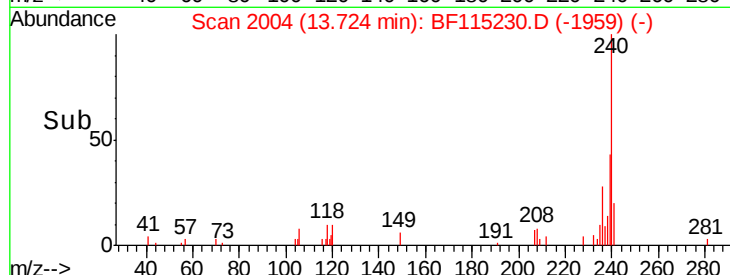
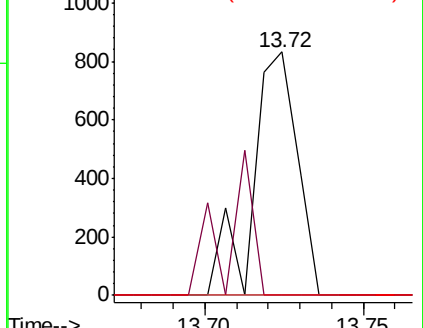
279 0.0 2.9 4.3#



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: 0.002 ng

RT: 14.31 min Scan# 2104

Delta R.T. -0.06 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

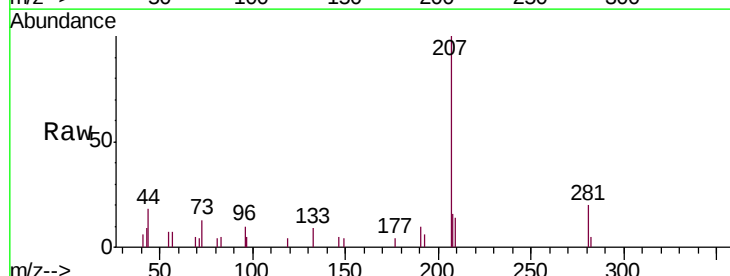
Tgt Ion:149 Resp: 106

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

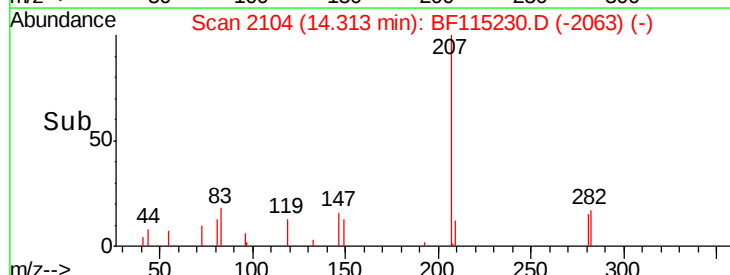
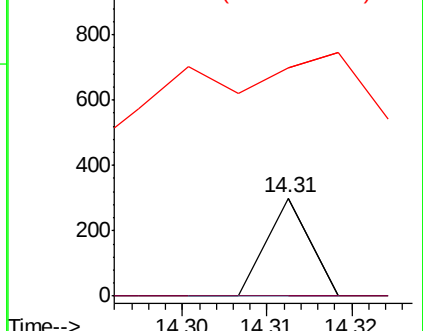
43 371.7 7.0 10.6#

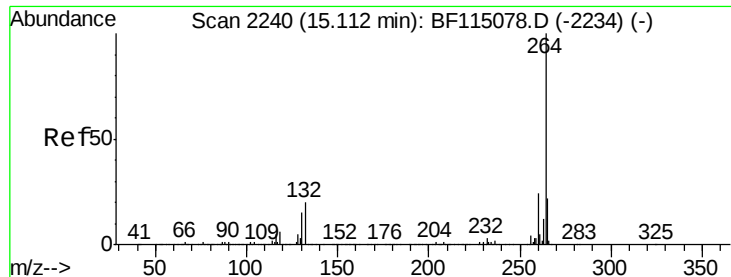


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



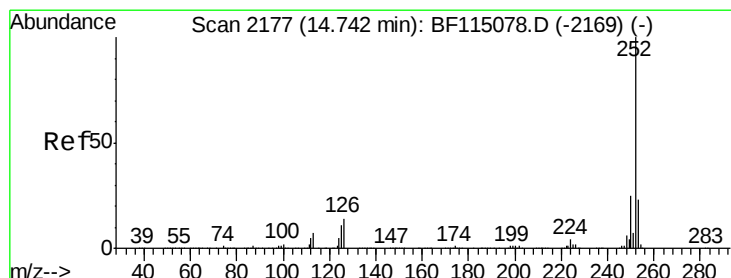
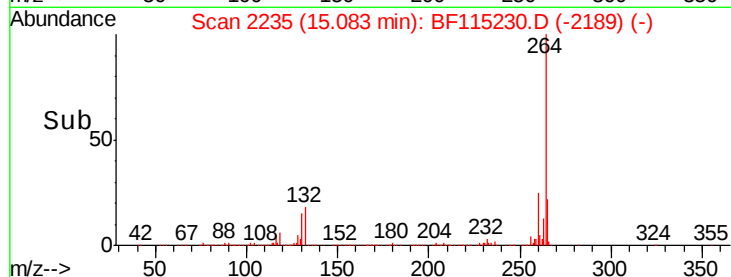
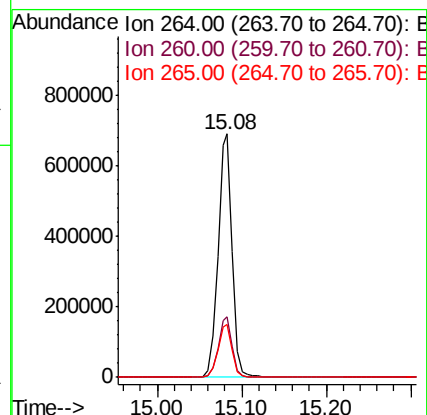
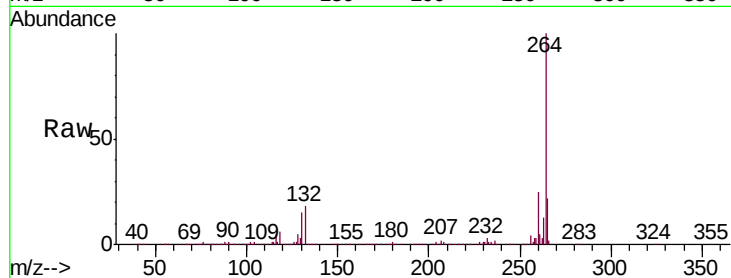


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Instrument :
BNA_F
ClientSampleId :
PB120942BL

Tgt Ion:264 Resp: 813286

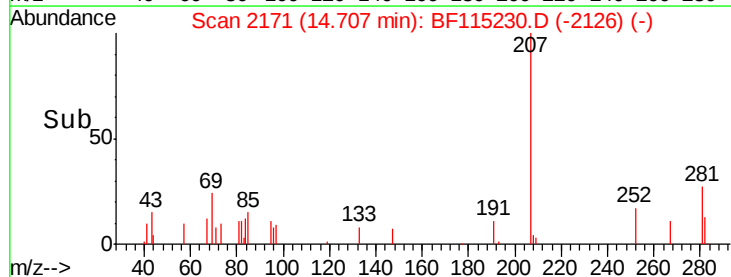
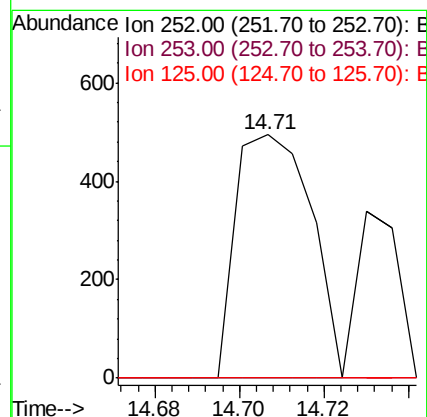
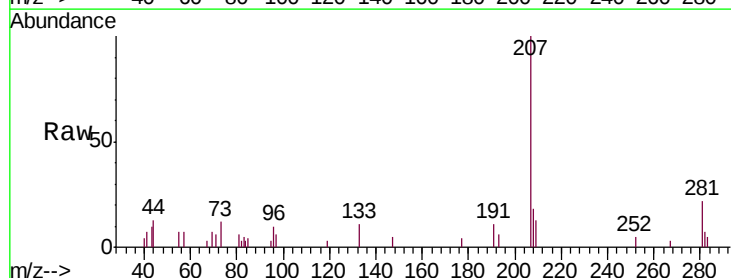
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.7	17.3	25.9

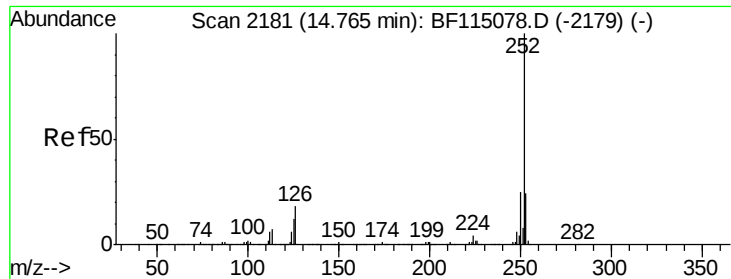


#88
Benzo(b)fluoranthene
Concen: 0.012 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Tgt Ion:252 Resp: 614

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.1	27.1#
125	0.0	8.7	13.1#





#89

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 14.73 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

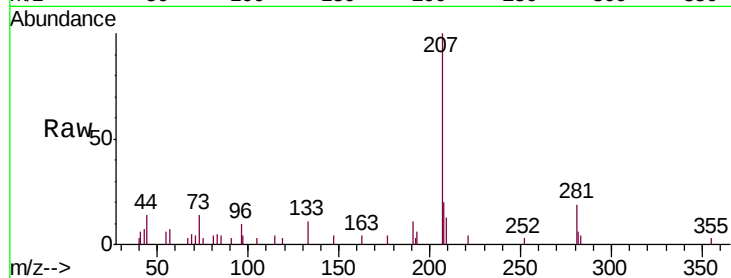
Instrument :

BNA_F

ClientSampleId :

PB120942BL

Tgt Ion:	252	Resp:	227
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.9	28.3#
125	0.0	10.2	15.2#

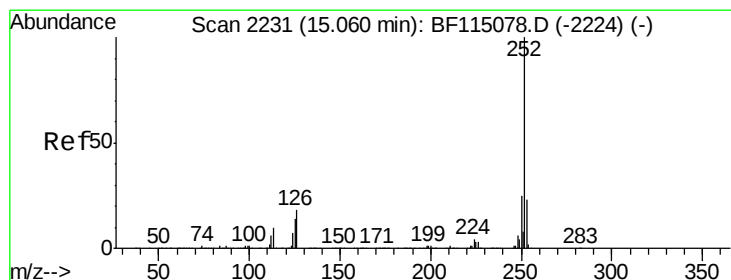
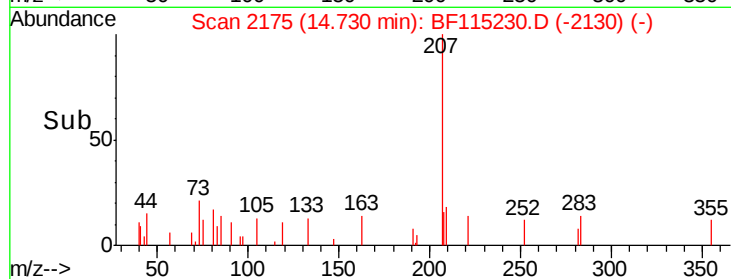
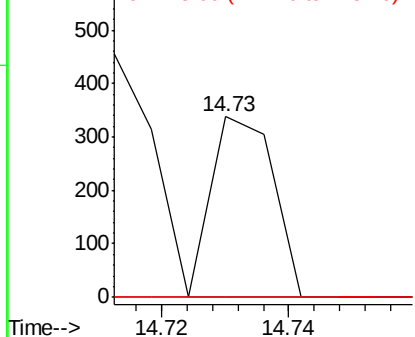


Abundance

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: 0.056 ng

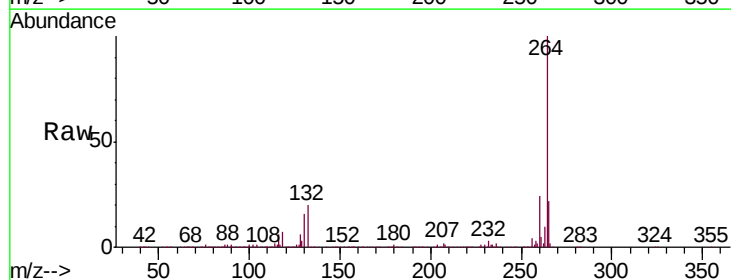
RT: 15.08 min Scan# 2234

Delta R.T. 0.02 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Tgt Ion:	252	Resp:	2568
Ion	Ratio	Lower	Upper
252	100		
253	35.7	18.3	27.5#
125	23.1	10.9	16.3#

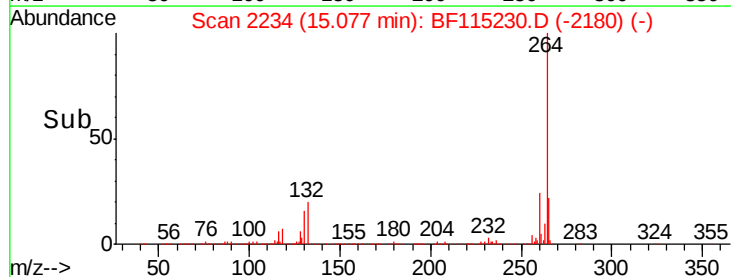
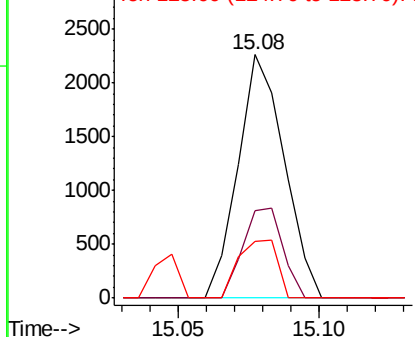


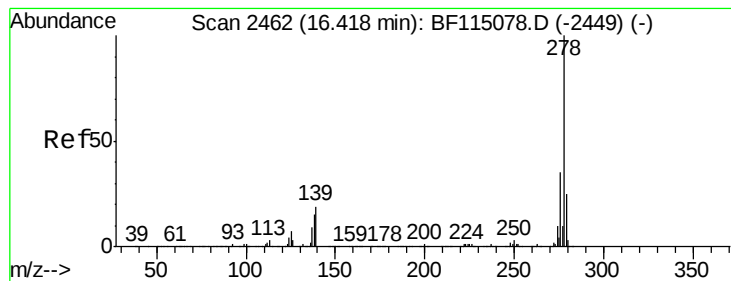
Abundance

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: 0.008 ng

RT: 16.35 min Scan# 2451

Delta R.T. -0.06 min

Lab File: BF115230.D

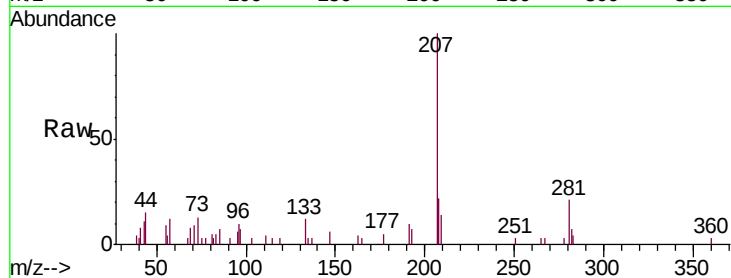
Acq: 27 Jun 2019 12:27

Instrument :

BNA_F

ClientSampleId :

PB120942BL



Tgt Ion:	278	Resp:	354
Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.4	23.2#
279	0.0	19.9	29.9#

