

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092148.D
 Acq On : 9 Jan 2017 20:08
 Operator : UM/SJ
 Sample : I1057-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP3

Quant Time: Jan 09 22:33:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	208542	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	798700	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	301351	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	420304	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	304335	20.00	ng	0.00
86) Perylene-d12	15.16	264	220368	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1136638	91.01	ng	0.00
7) Phenol-d6	6.30	99	1692787	111.01	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1056272	73.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	169486	67.96	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1223718	82.88	ng	-0.01
78) Terphenyl-d14	12.73	244	923214	73.57	ng	-0.01

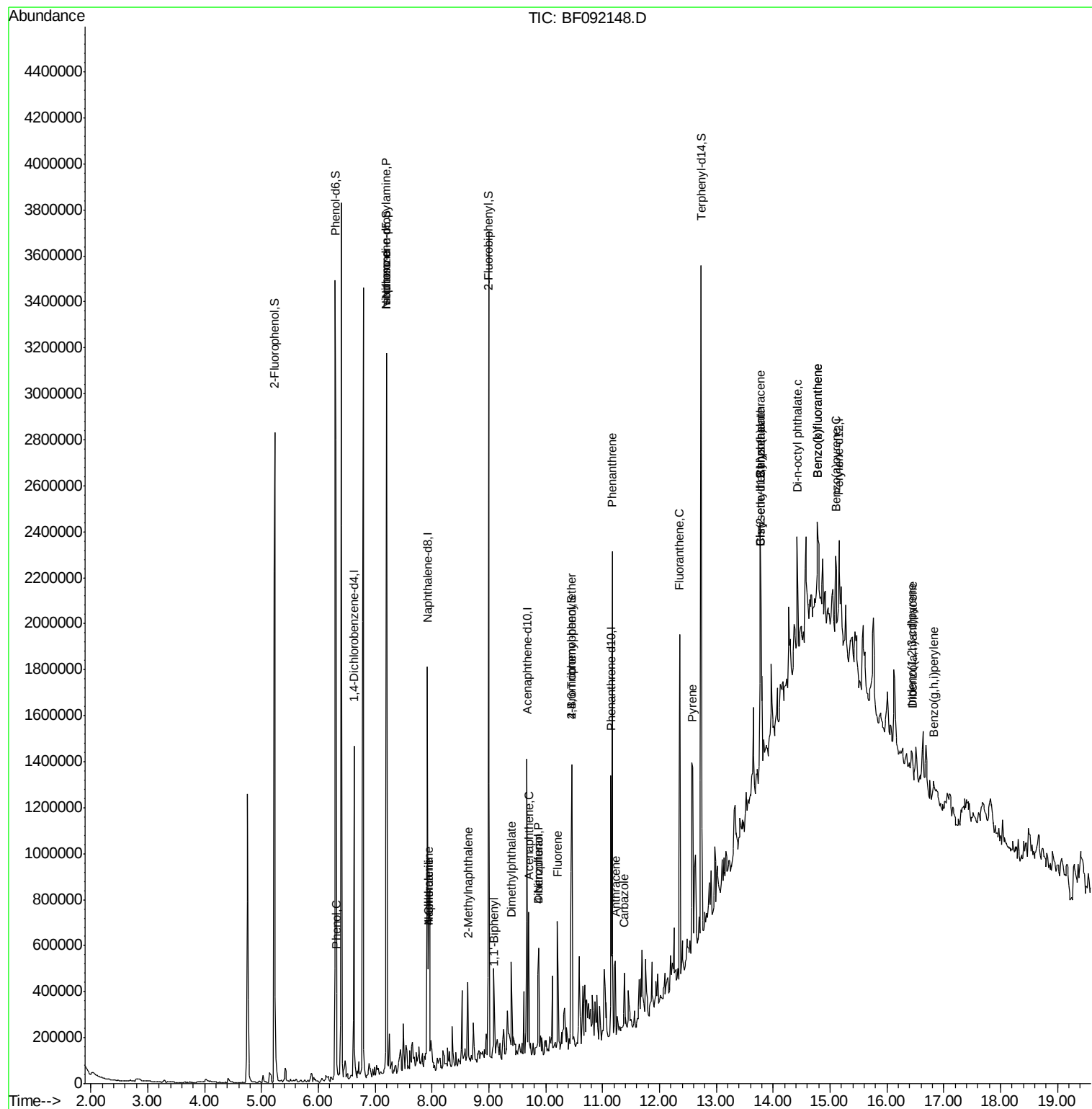
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.32	94	141672	8.15	ng	# 61
19) n-Nitroso-di-n-propylamine	7.20	70	146117	14.40	ng	# 76
25) Isophorone	7.20	82	810636	30.59	ng	# 65
31) Naphthalene	7.93	128	258944	7.08	ng	# 98
33) 4-Chloroaniline	7.93	127	33791	2.05	ng	# 32
37) 2-Methylnaphthalene	8.63	142	87954	2.64	ng	# 99
45) 1,1'-Biphenyl	9.10	154	45668	2.21	ng	# 98
49) Dimethylphthalate	9.40	163	127232	6.60	ng	# 99
51) Acenaphthene	9.70	154	206337	12.11	ng	# 98
54) Dibenzofuran	9.88	168	217256	9.44	ng	# 92
55) 4-Nitrophenol	9.88	139	81936	23.11	ng	# 7
57) Fluorene	10.21	166	190323	11.37	ng	# 98
66) 4-Bromophenyl-phenylether	10.46	248	10594	2.42	ng	# 1
70) Phenanthrene	11.17	178	756497	33.19	ng	# 99
71) Anthracene	11.22	178	188721	6.83	ng	# 96
72) Carbazole	11.38	167	84569	3.28	ng	# 98
73) Di-n-butylphthalate	11.73	149	4965	Below Cal		# 68
74) Fluoranthene	12.36	202	632085	30.37	ng	# 94
76) Benzydine	12.46	184	1136	Below Cal		# 1
77) Pyrene	12.58	202	530041	23.74	ng	# 97
80) Benzo(a)anthracene	13.77	228	226833	13.20	ng	# 94
82) Chrysene	13.77	228	226833	13.16	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.79	149	38663	3.23	ng	# 84
84) Di-n-octyl phthalate	14.43	149	73239	3.31	ng	# 10
85) Indeno(1,2,3-cd)pyrene	16.44	276	75817	5.08	ng	# 96
87) Benzo(b)fluoranthene	14.78	252	255169	18.60	ng	# 82
88) Benzo(k)fluoranthene	14.78	252	255116	21.81	ng	# 81
89) Benzo(a)pyrene	15.10	252	127973	10.51	ng	# 80
90) Dibenzo(a,h)anthracene	16.45	278	22994	2.30	ng	# 23
91) Benzo(g,h,i)perylene	16.83	276	77130	7.41	ng	# 88

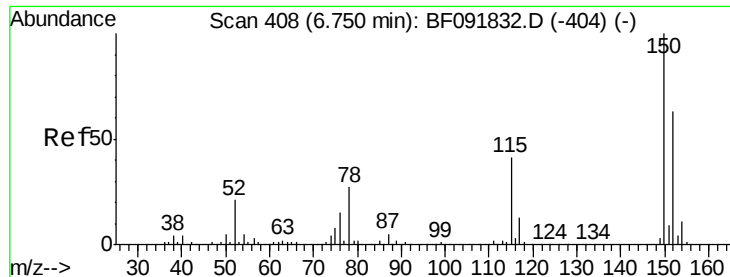
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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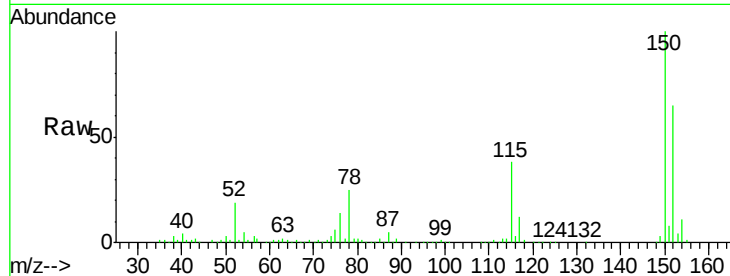




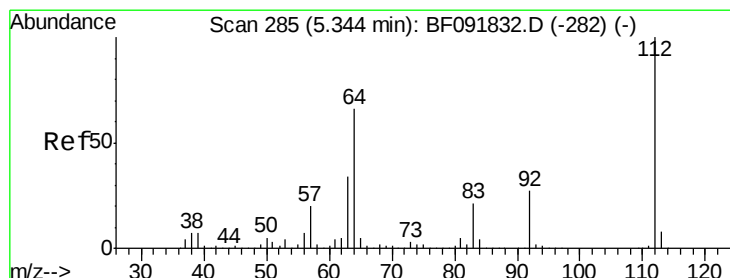
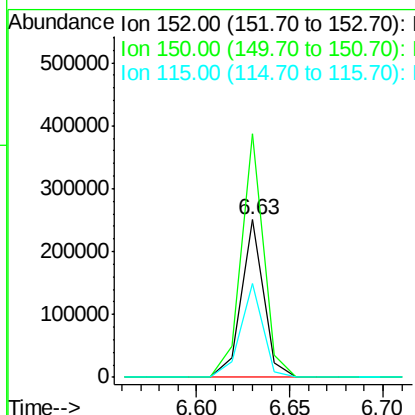
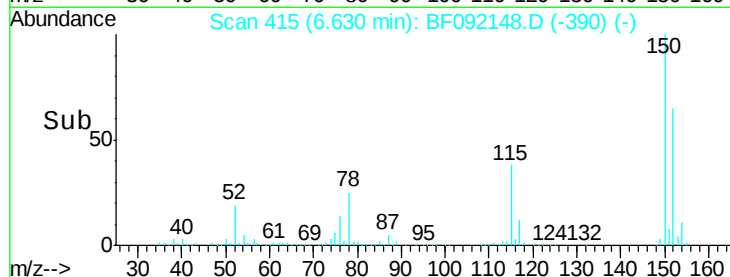
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BF092148.D
 Acq: 9 Jan 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP3

Tgt Ion:152 Resp: 208542
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.9 187.3
 115 59.6 46.0 69.0

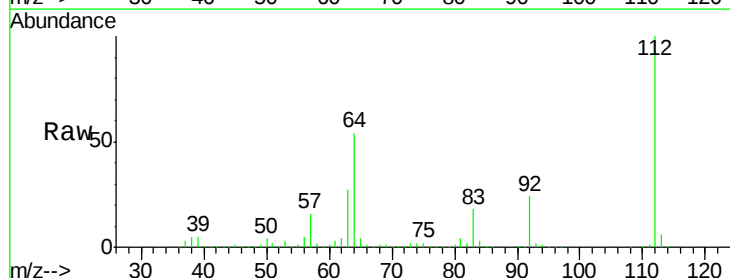


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

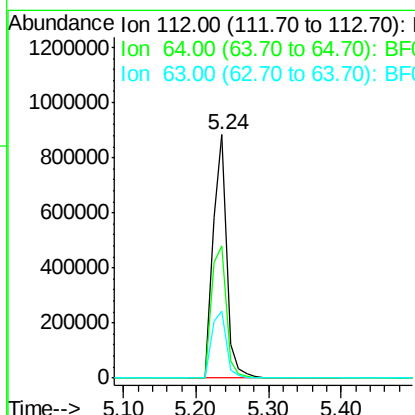
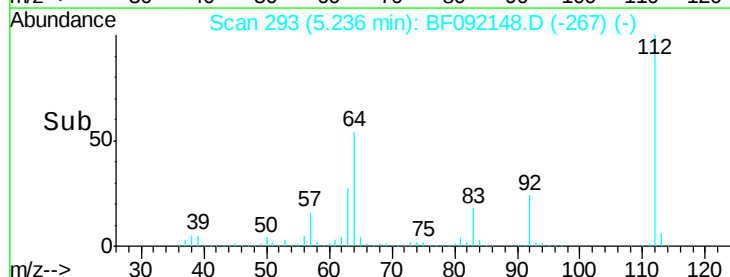


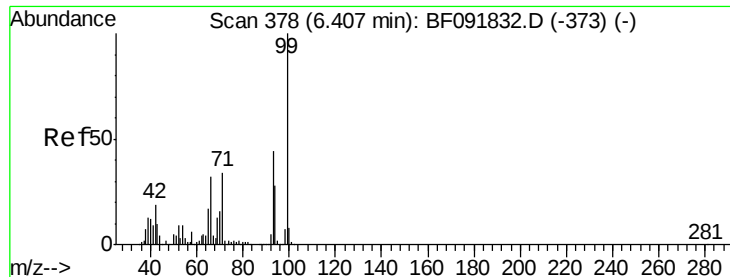
#5
 2-Fluorophenol
 Concen: 91.01 ng
 RT: 5.24 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: BF092148.D
 Acq: 9 Jan 2017 20:08

Tgt Ion:112 Resp: 1136638
 Ion Ratio Lower Upper
 112 100
 64 54.1 46.1 69.1
 63 27.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.01 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

P3-SP3

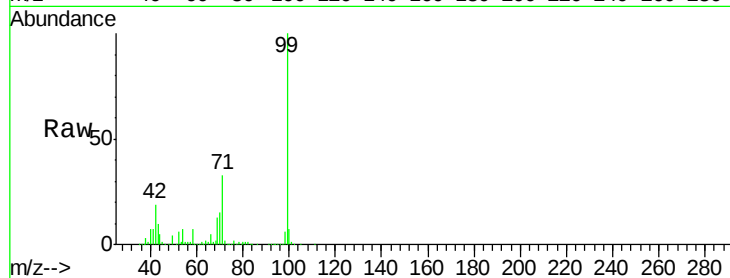
Tgt Ion: 99 Resp: 1692787

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

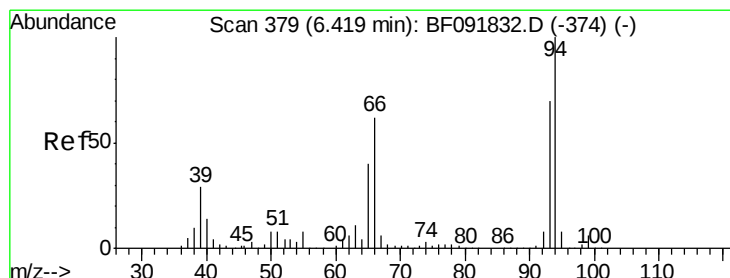
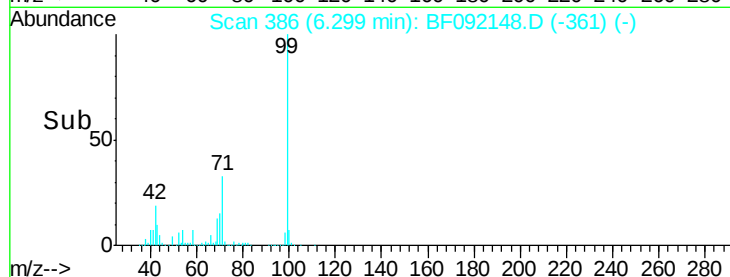
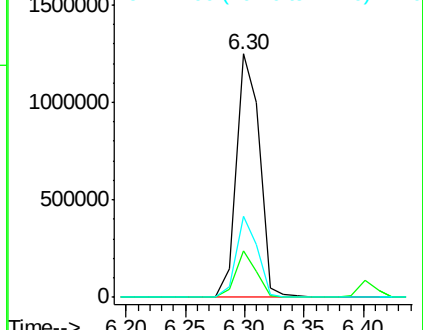
71 33.1 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 8.15 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

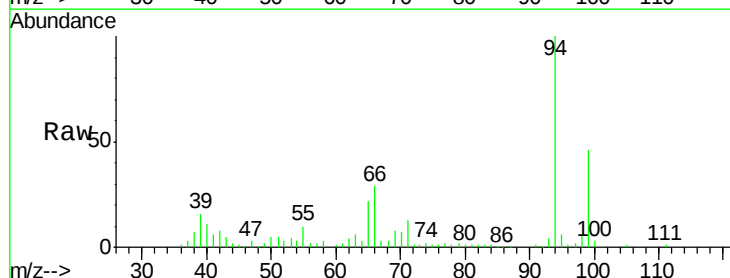
Tgt Ion: 94 Resp: 141672

Ion Ratio Lower Upper

94 100

65 22.3 21.4 61.4

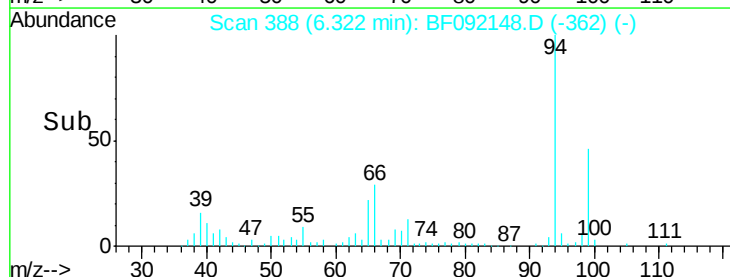
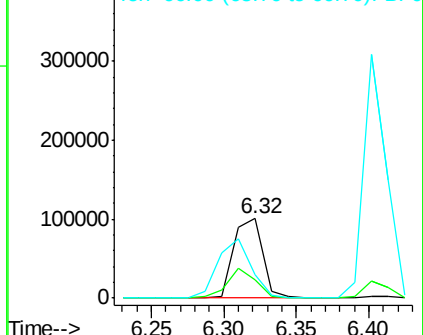
66 29.4 44.0 84.0#

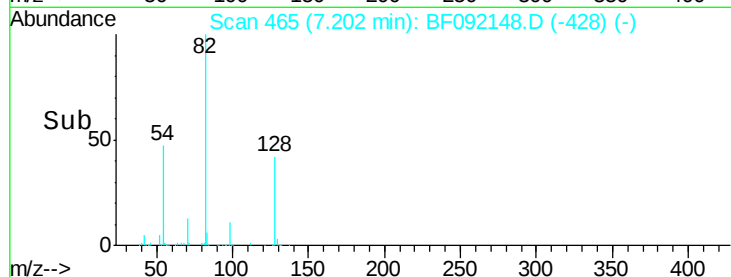
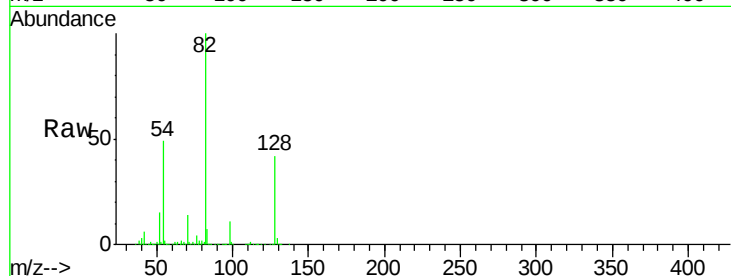
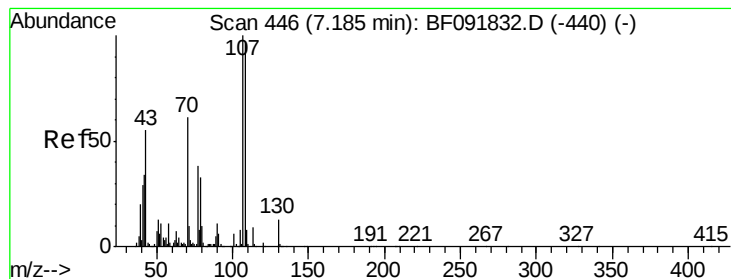


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.40 ng

RT: 7.20 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

P3-SP3

Tgt Ion: 70 Resp: 146117

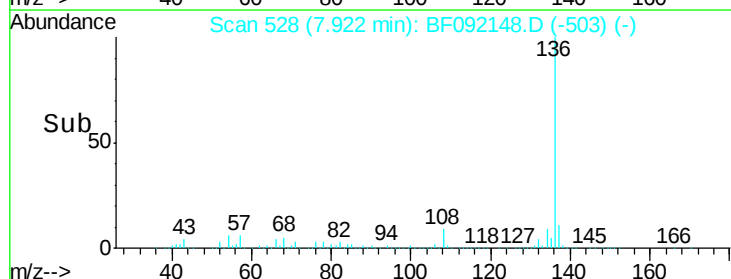
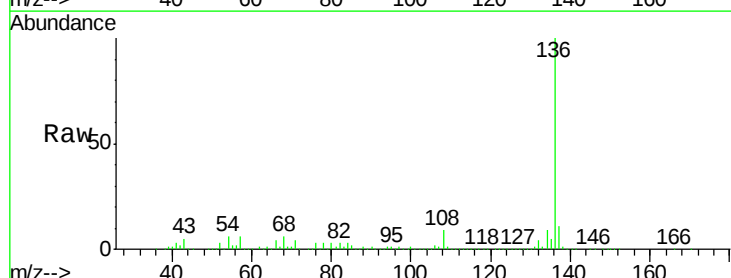
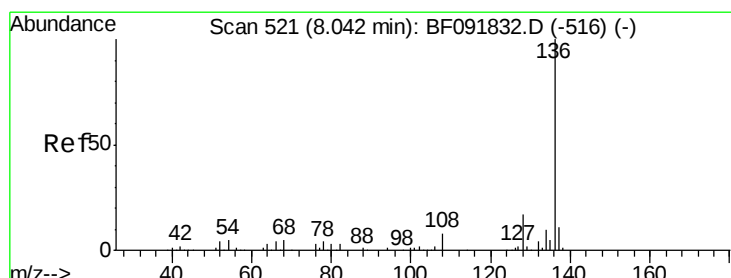
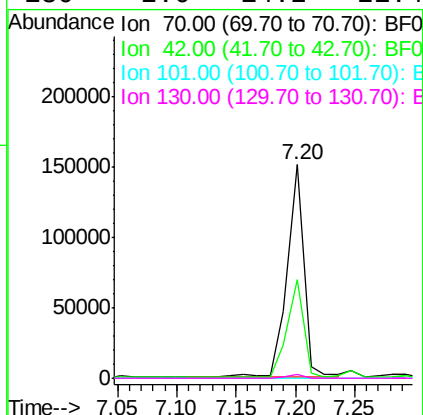
Ion Ratio Lower Upper

70 100

42 46.2 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

Tgt Ion: 136 Resp: 798700

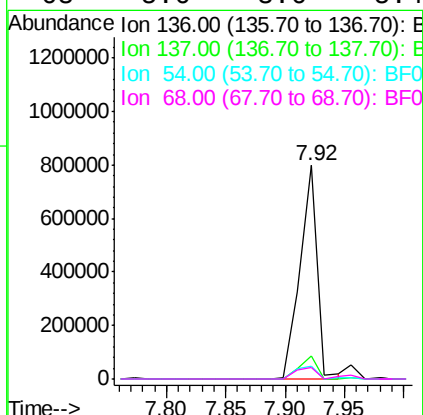
Ion Ratio Lower Upper

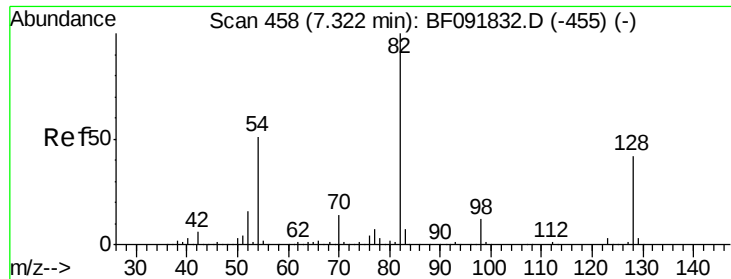
136 100

137 10.9 8.4 12.6

54 6.3 4.5 6.7

68 5.6 3.6 5.4#

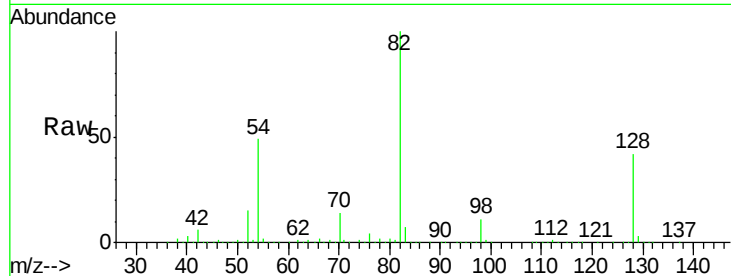




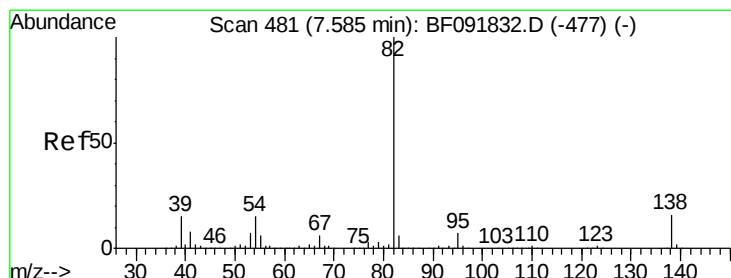
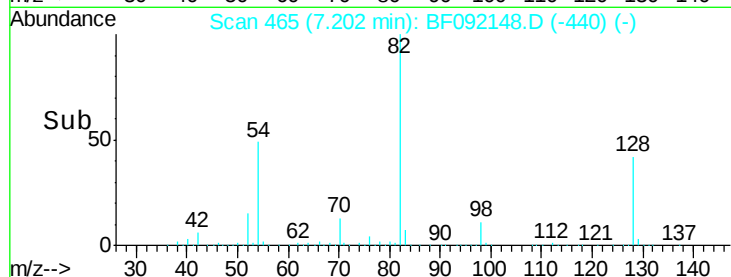
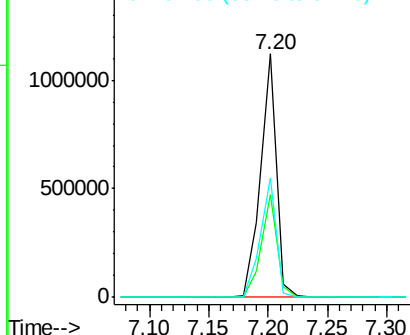
#23
 Nitrobenzene-d5
 Concen: 73.54 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF092148.D
 Acq: 9 Jan 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP3

Tgt Ion: 82 Resp: 1056272
 Ion Ratio Lower Upper
 82 100
 128 42.0 34.6 52.0
 54 49.2 39.5 59.3

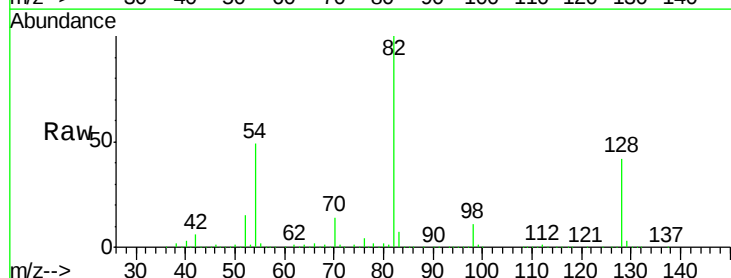


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

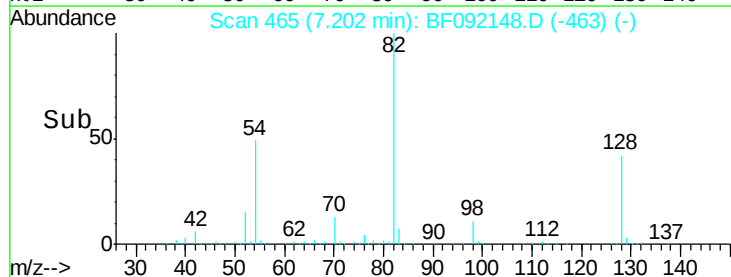
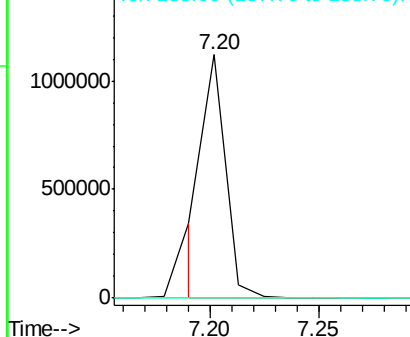


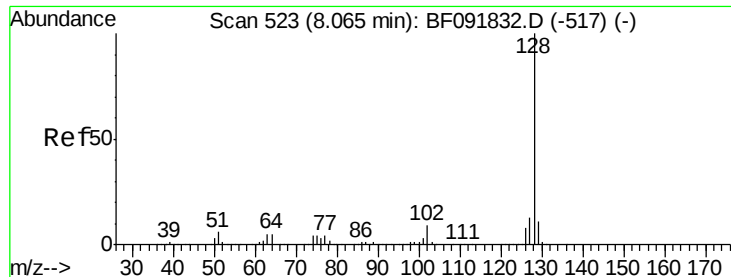
#25
 Isophorone
 Concen: 30.59 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.27 min
 Lab File: BF092148.D
 Acq: 9 Jan 2017 20:08

Tgt Ion: 82 Resp: 810636
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

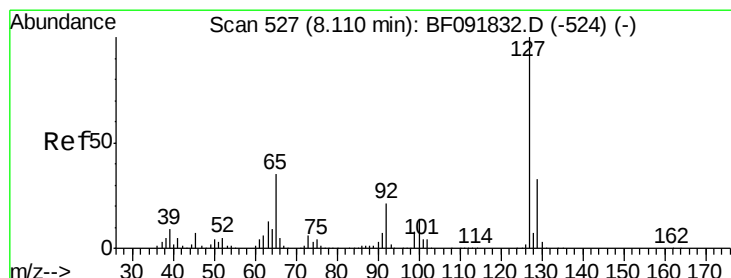
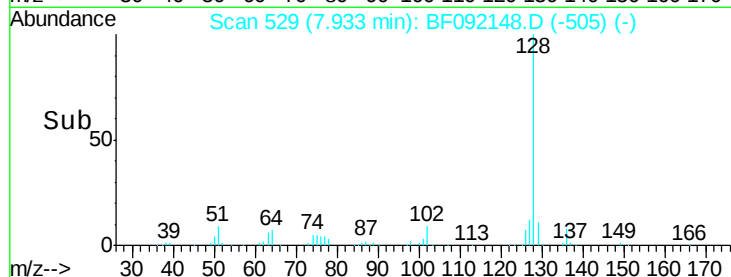
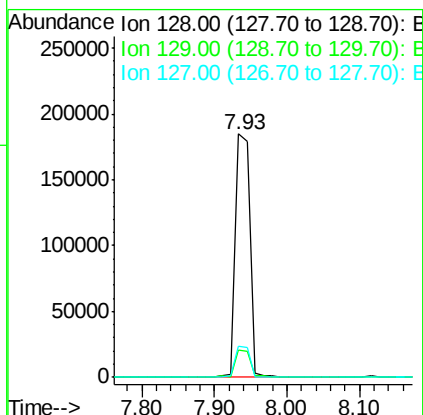
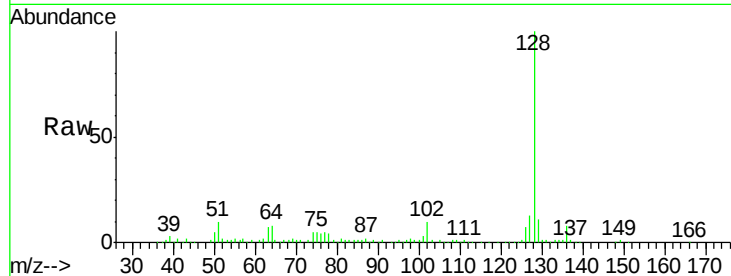




#31
Naphthalene
Concen: 7.08 ng
RT: 7.93 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF092148.D
Acq: 9 Jan 2017 20:08

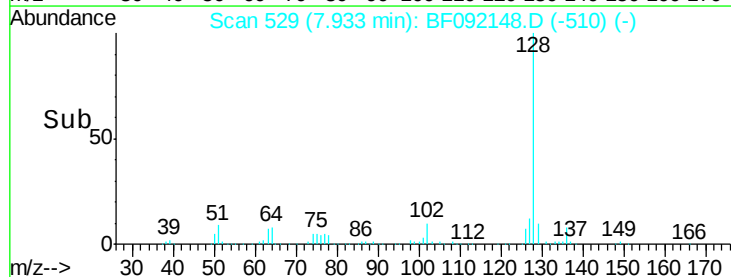
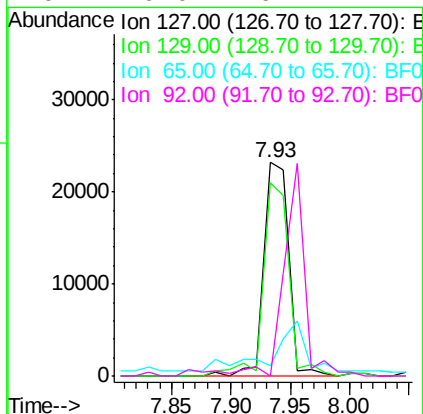
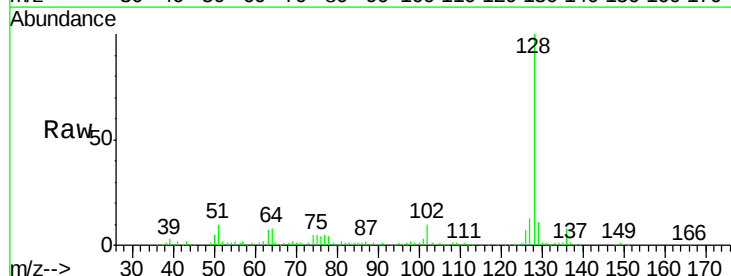
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P3-SP3

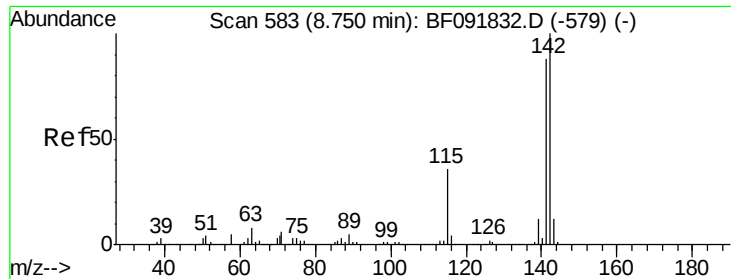
Tgt Ion:128 Resp: 258944
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 12.6 10.8 16.2



#33
4-Chloroaniline
Concen: 2.05 ng
RT: 7.93 min Scan# 529
Delta R.T. -0.08 min
Lab File: BF092148.D
Acq: 9 Jan 2017 20:08

Tgt Ion:127 Resp: 33791
Ion Ratio Lower Upper
127 100
129 90.6 26.3 39.5#
65 4.8 25.8 38.8#
92 0.0 16.1 24.1#

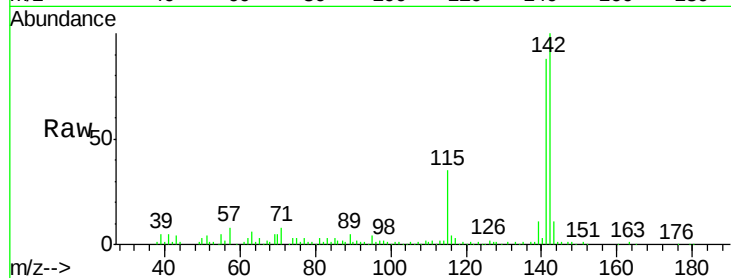




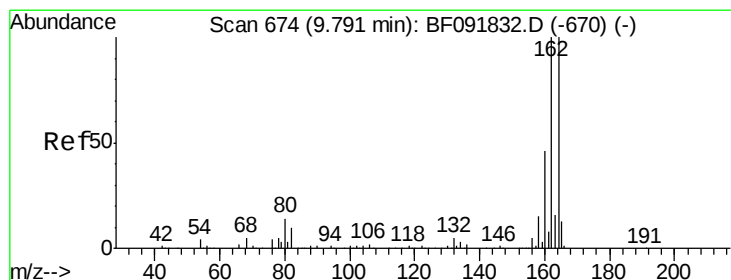
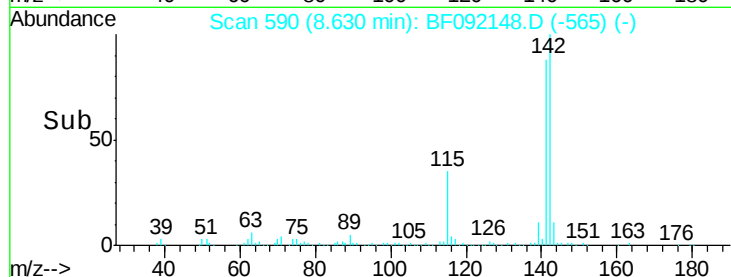
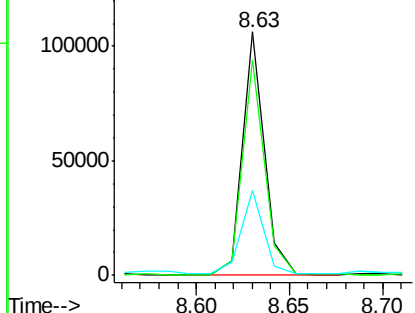
#37
 2-Methylnaphthalene
 Concen: 2.64 ng
 RT: 8.63 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF092148.D
 Acq: 9 Jan 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP3

Tgt Ion:142 Resp: 87954
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.0 106.6
 115 34.8 28.3 42.5

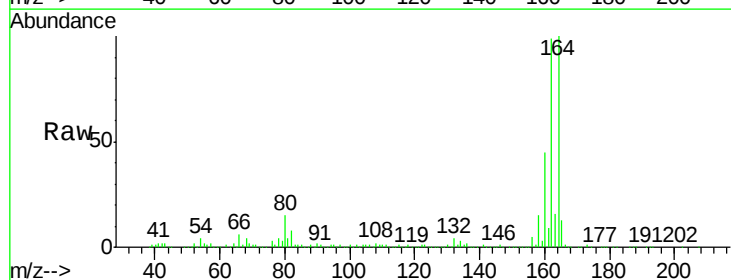


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

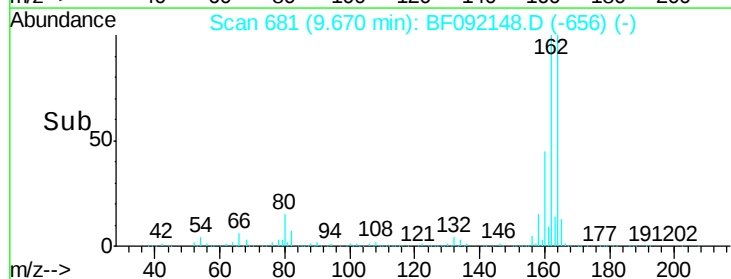
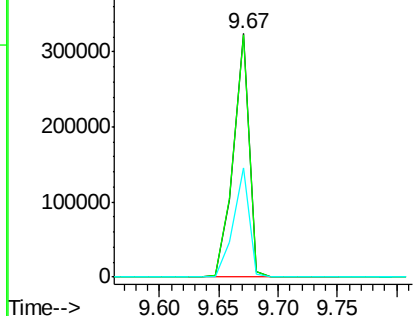


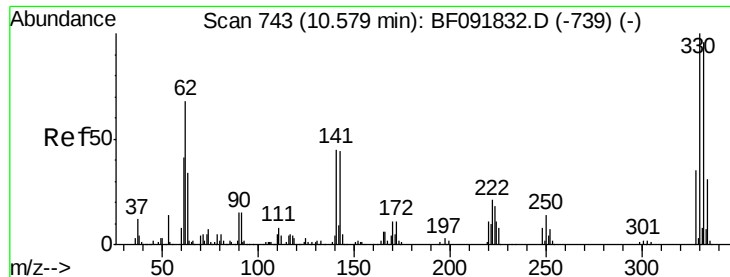
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092148.D
 Acq: 9 Jan 2017 20:08

Tgt Ion:164 Resp: 301351
 Ion Ratio Lower Upper
 164 100
 162 99.4 80.2 120.2
 160 44.8 36.9 55.3



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

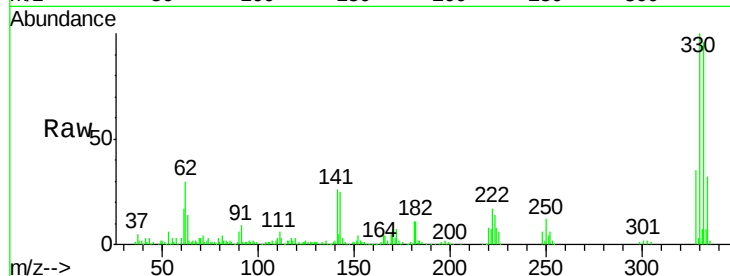




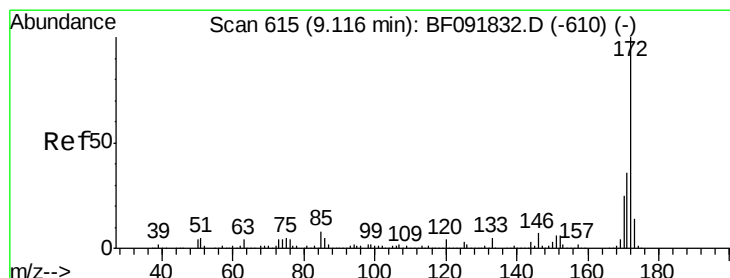
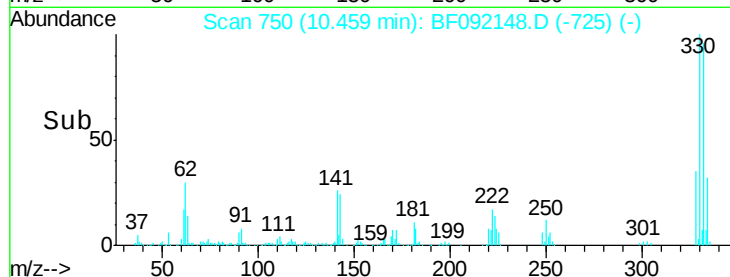
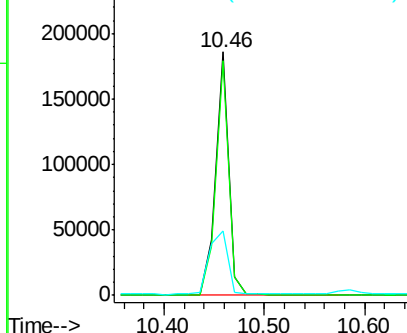
#41
 2,4,6-Tribromophenol
 Concen: 67.96 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092148.D
 Acq: 9 Jan 2017 20:08

Instrument :
 BNA_F
 ClientSampled :
 P3-SP3

Tgt Ion: 330 Resp: 169486
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 38.2 34.1 51.1

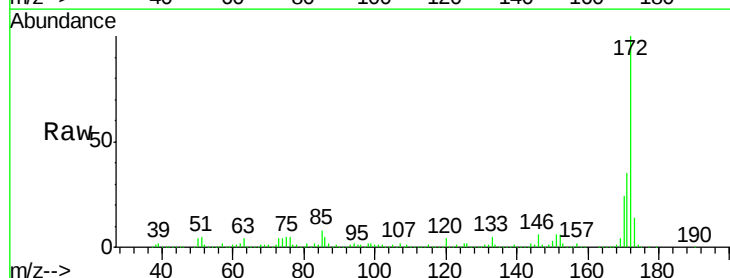


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

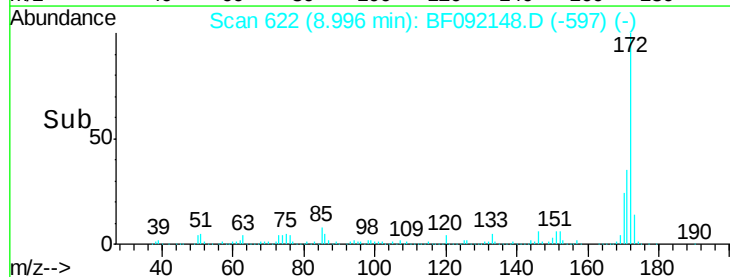
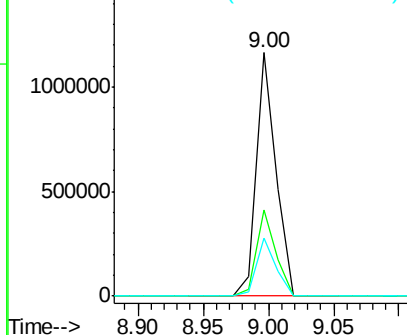


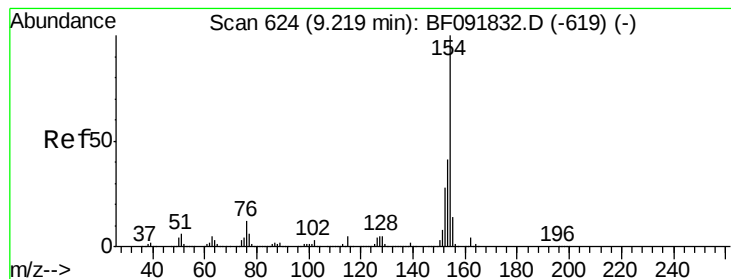
#44
 2-Fluorobiphenyl
 Concen: 82.88 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092148.D
 Acq: 9 Jan 2017 20:08

Tgt Ion: 172 Resp: 1223718
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 23.9 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 2.21 ng

RT: 9.10 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

Instrument :

BNA_F

ClientSampled :

P3-SP3

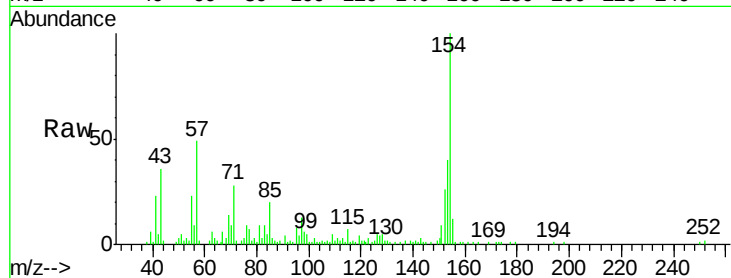
Tgt Ion:154 Resp: 45668

Ion Ratio Lower Upper

154 100

153 39.7 20.9 60.9

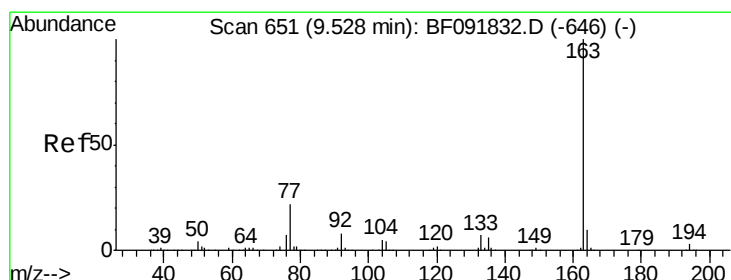
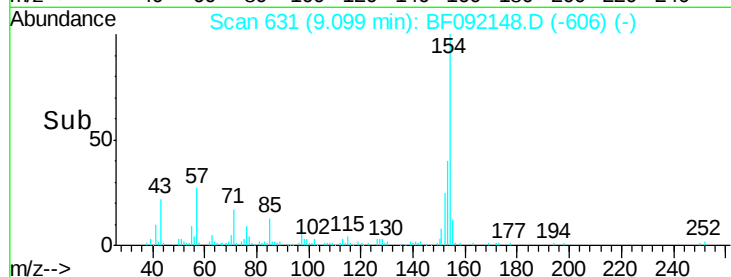
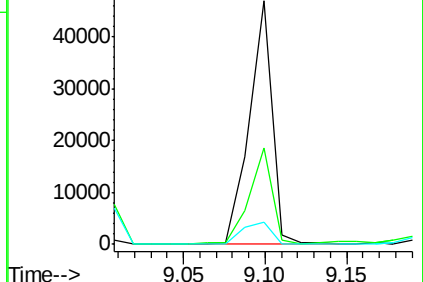
76 9.4 0.0 30.5



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): BF0



#49

Dimethylphthalate

Concen: 6.60 ng

RT: 9.40 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

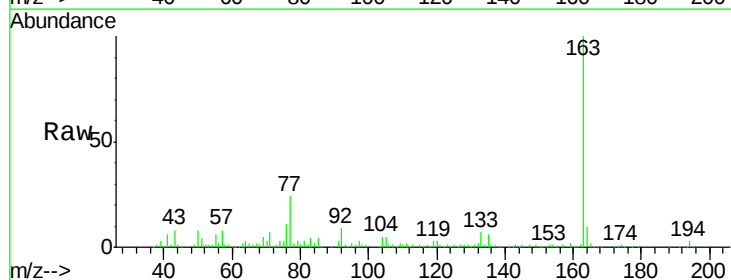
Tgt Ion:163 Resp: 127232

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

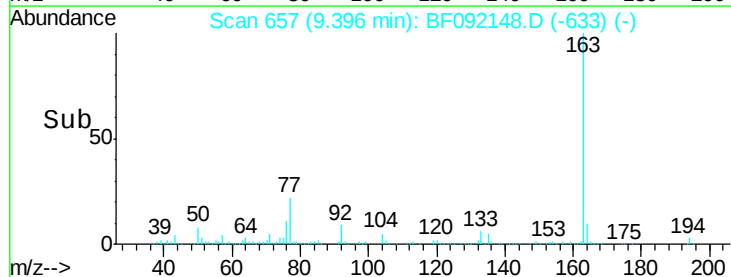
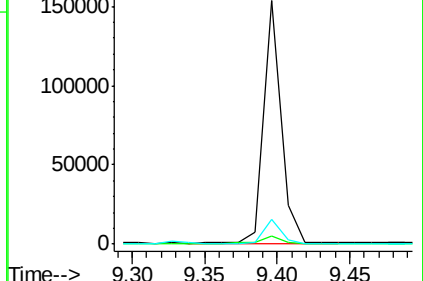
164 10.1 8.0 12.0

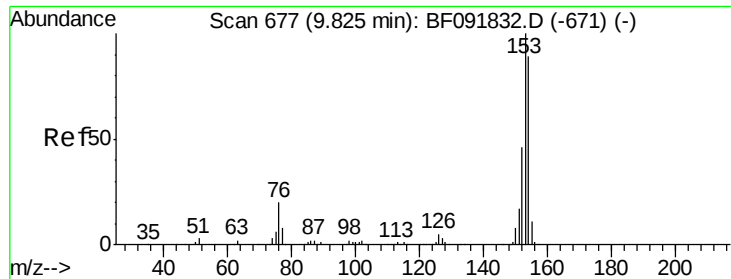


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 12.11 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

P3-SP3

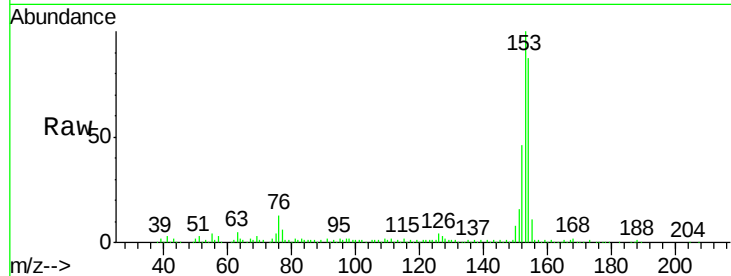
Tgt Ion:154 Resp: 206337

Ion Ratio Lower Upper

154 100

153 114.4 88.6 133.0

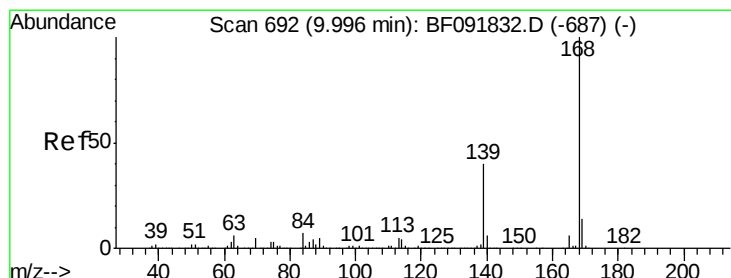
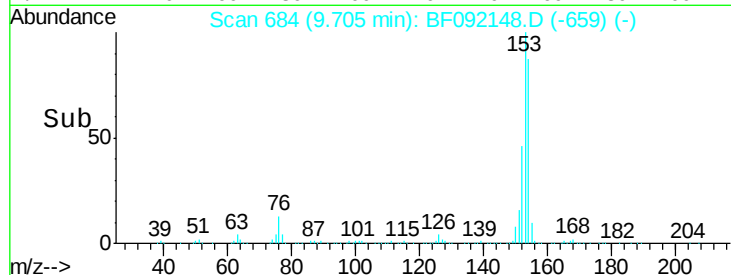
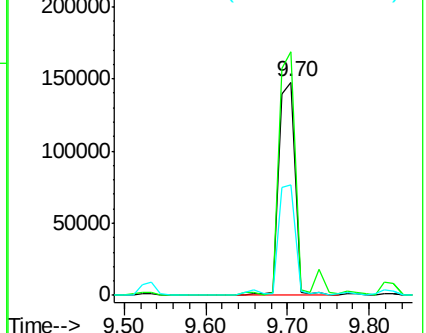
152 52.2 41.6 62.4



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



#54

Dibenzofuran

Concen: 9.44 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

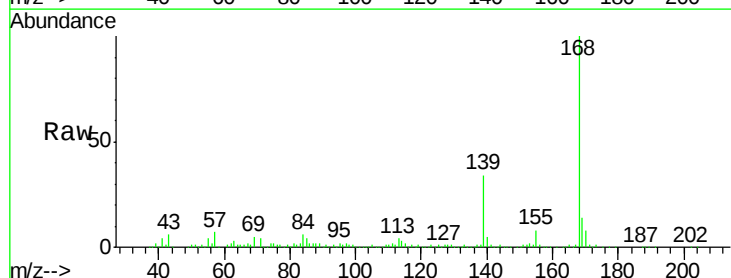
Tgt Ion:168 Resp: 217256

Ion Ratio Lower Upper

168 100

139 34.4 32.6 49.0

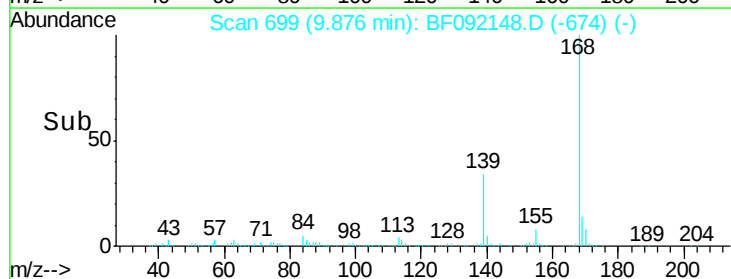
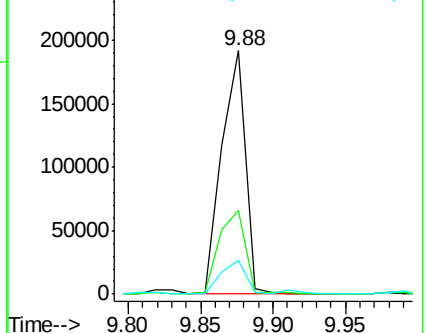
169 13.7 11.3 16.9

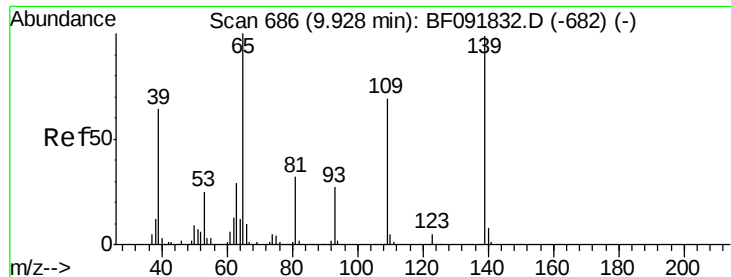


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

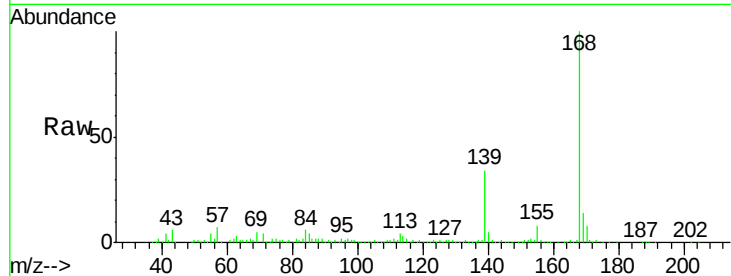




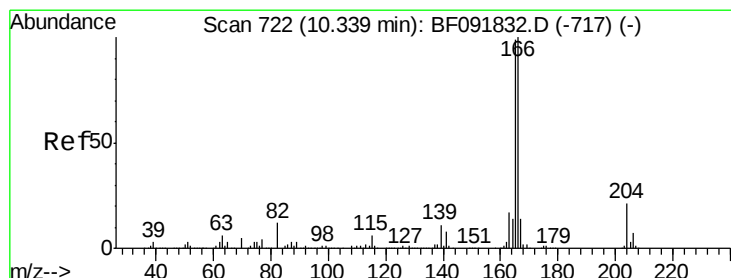
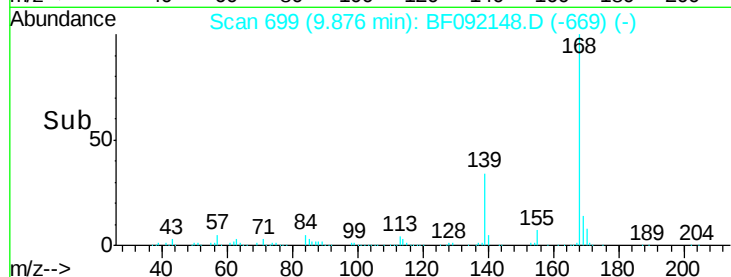
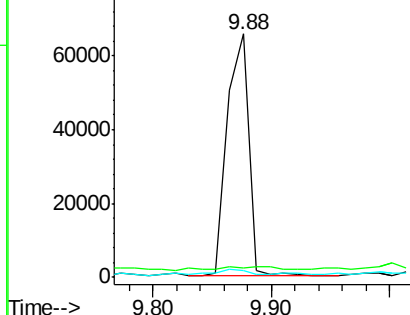
#55
4-Nitrophenol
Concen: 23.11 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.05 min
Lab File: BF092148.D
Acq: 9 Jan 2017 20:08

Instrument :
BNA_F
ClientSampleId :
P3-SP3

Tgt Ion:139 Resp: 81936
Ion Ratio Lower Upper
139 100
109 3.7 52.2 92.2#
65 2.6 85.8 125.8#

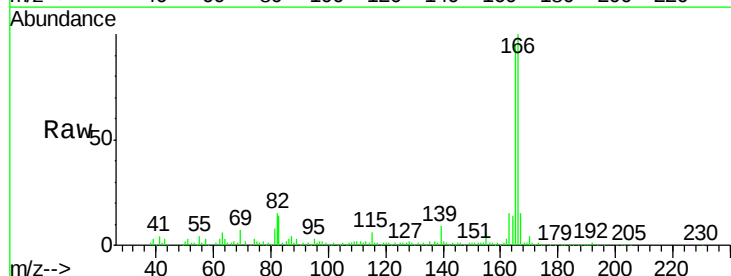


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

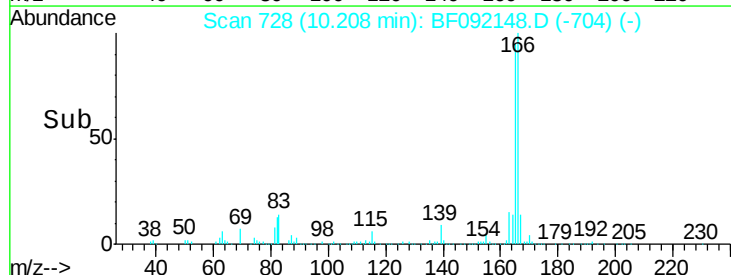
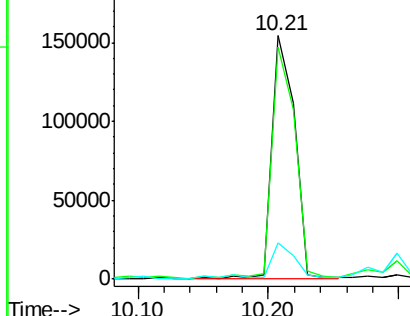


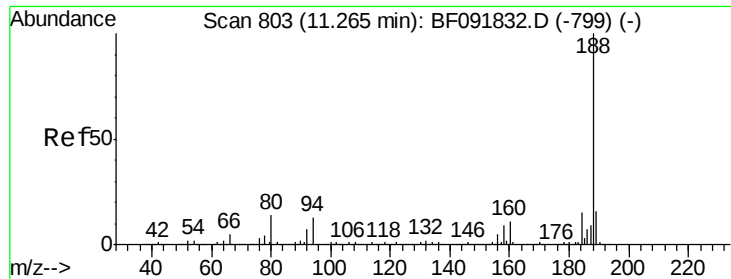
#57
Fluorene
Concen: 11.37 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF092148.D
Acq: 9 Jan 2017 20:08

Tgt Ion:166 Resp: 190323
Ion Ratio Lower Upper
166 100
165 95.2 77.8 116.8
167 14.7 10.8 16.2



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

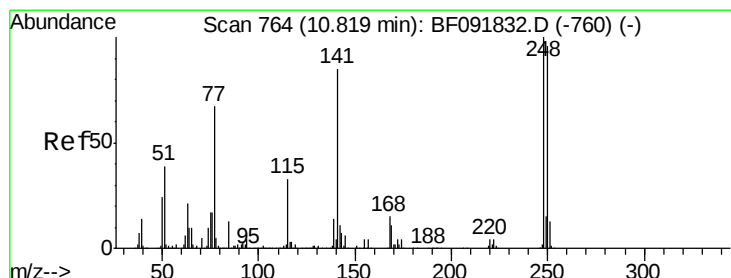
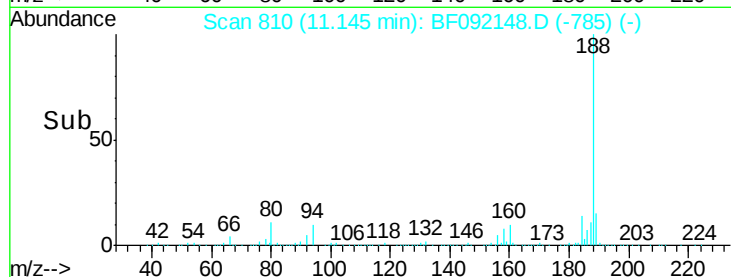
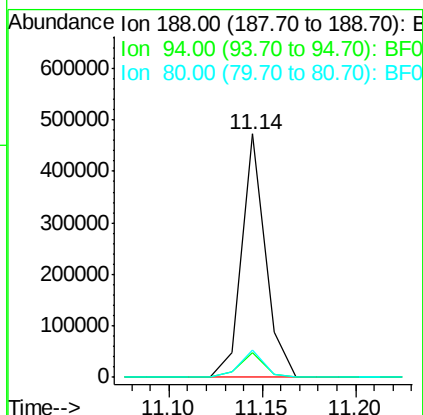
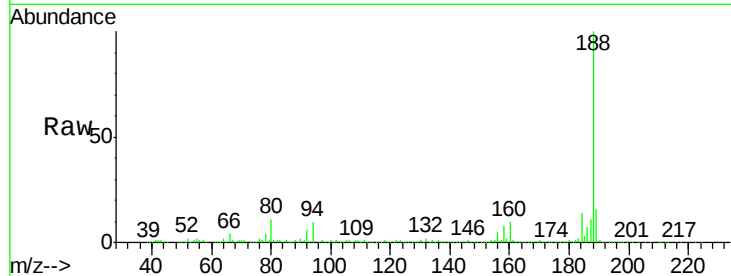




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092148.D
Acq: 9 Jan 2017 20:08

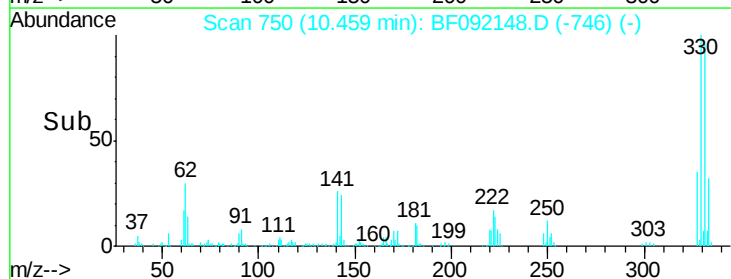
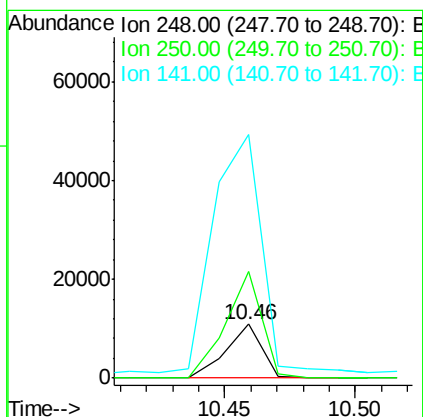
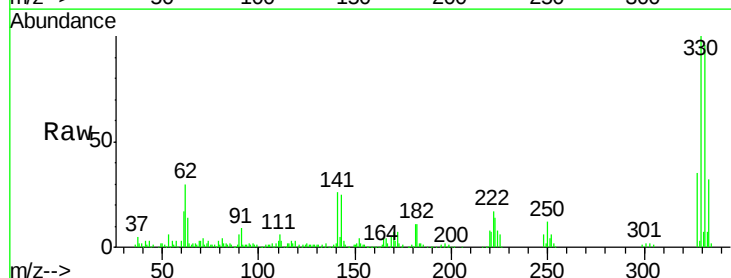
Instrument :
BNA_F
ClientSampleId :
P3-SP3

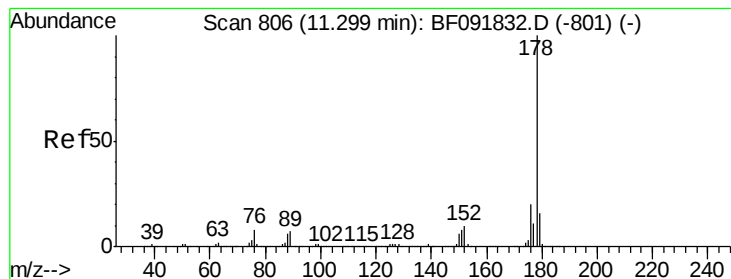
Tgt Ion:188 Resp: 420304
Ion Ratio Lower Upper
188 100
94 10.2 10.0 15.0
80 11.1 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 2.42 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.25 min
Lab File: BF092148.D
Acq: 9 Jan 2017 20:08

Tgt Ion:248 Resp: 10594
Ion Ratio Lower Upper
248 100
250 196.7 76.9 115.3#
141 451.0 68.2 102.4#





#70

Phenanthrene

Concen: 33.19 ng

RT: 11.17 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

Instrument :

BNA_F

ClientSampled :

P3-SP3

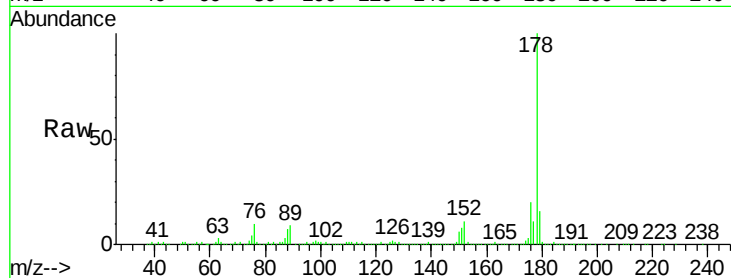
Tgt Ion:178 Resp: 756497

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

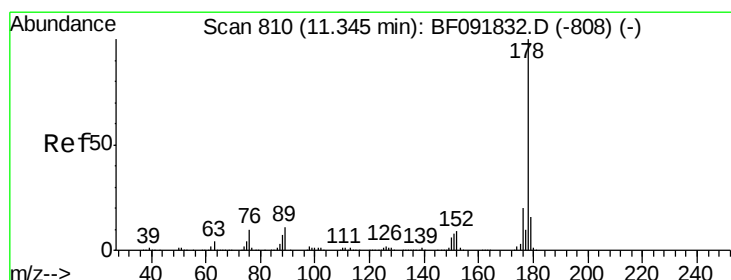
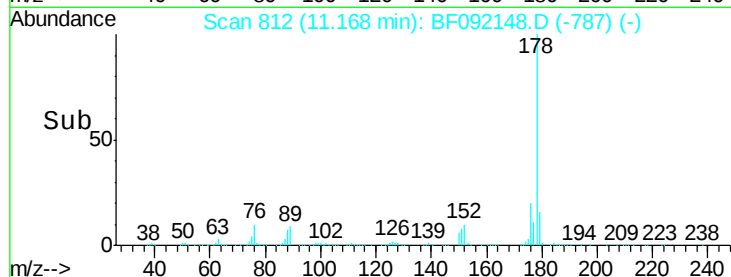
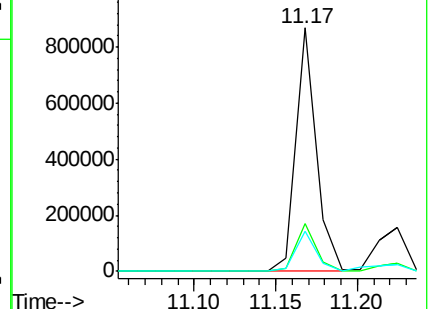
179 16.2 12.8 19.2



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



#71

Anthracene

Concen: 6.83 ng

RT: 11.22 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

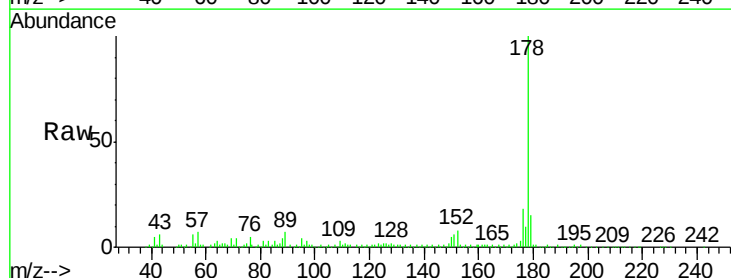
Tgt Ion:178 Resp: 188721

Ion Ratio Lower Upper

178 100

176 17.5 15.9 23.9

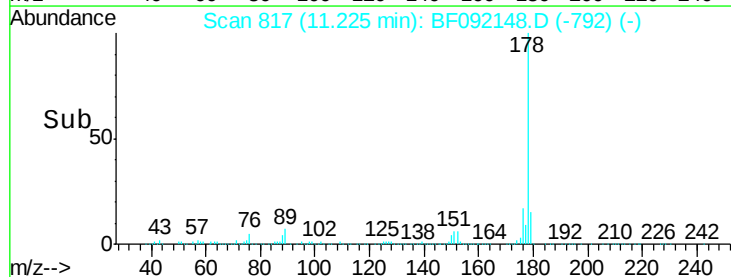
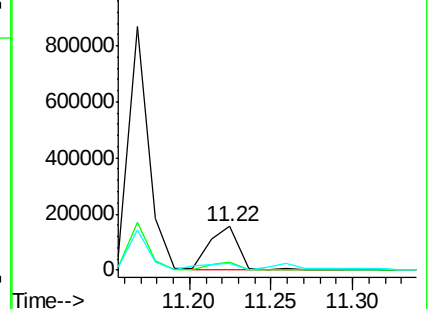
179 15.1 13.2 19.8

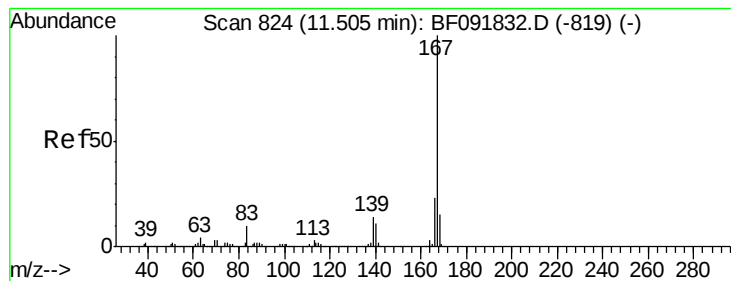


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

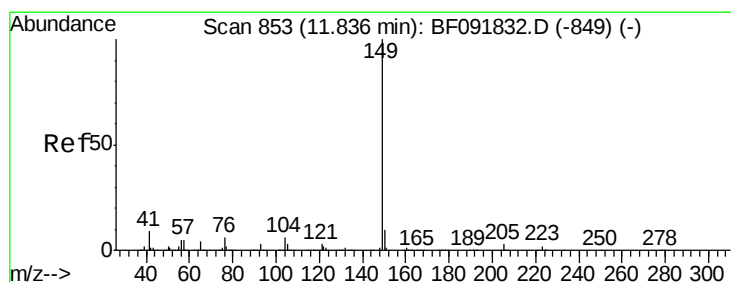
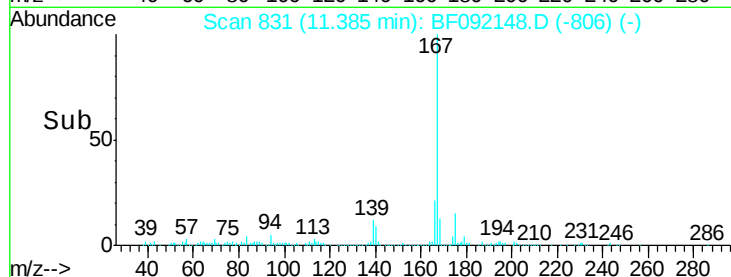
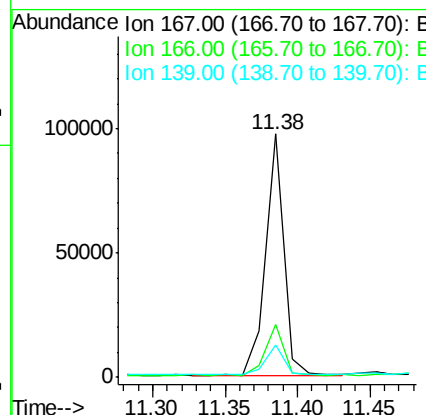
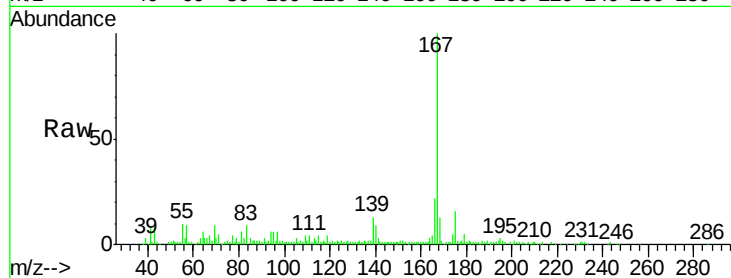




#72
 Carbazole
 Concen: 3.28 ng
 RT: 11.38 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF092148.D
 Acq: 9 Jan 2017 20:08

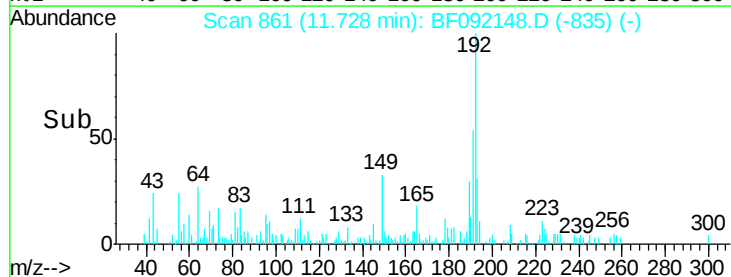
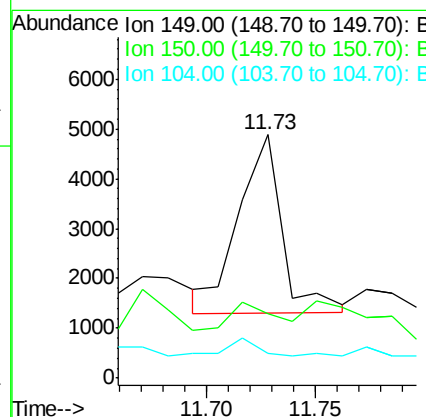
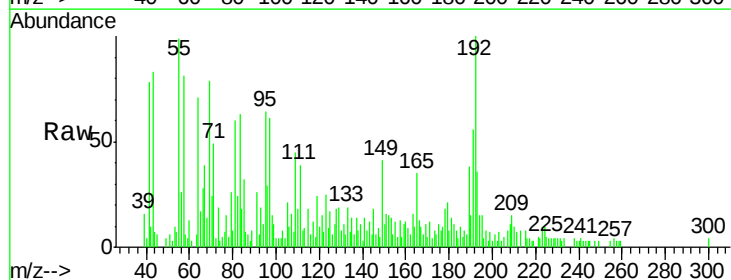
Instrument :
 BNA_F
 ClientSampleId :
 P3-SP3

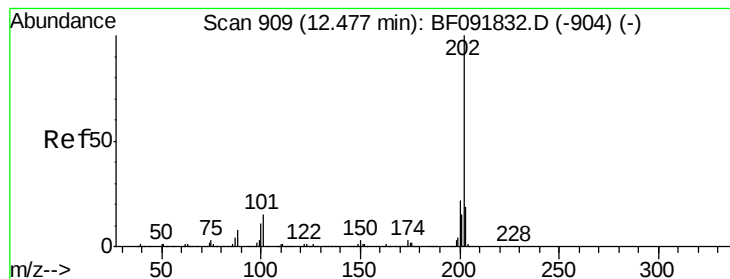
Tgt Ion:167 Resp: 84569
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 13.2 11.4 17.2



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.73 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF092148.D
 Acq: 9 Jan 2017 20:08

Tgt Ion:149 Resp: 4965
 Ion Ratio Lower Upper
 149 100
 150 26.2 8.1 12.1#
 104 10.3 4.6 7.0#





#74

Fluoranthene

Concen: 30.37 ng

RT: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

P3-SP3

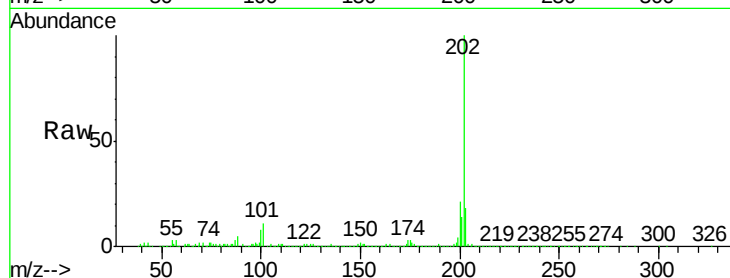
Tgt Ion:202 Resp: 632085

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.6

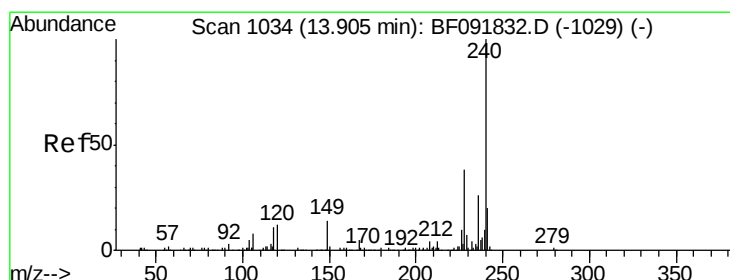
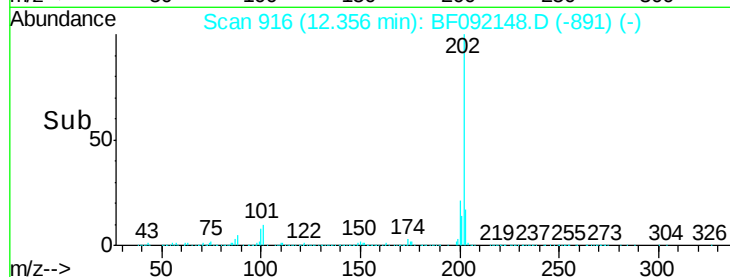
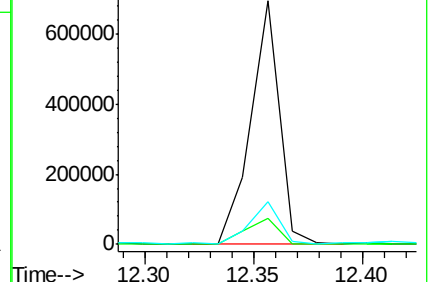
203 17.7 0.0 38.7



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

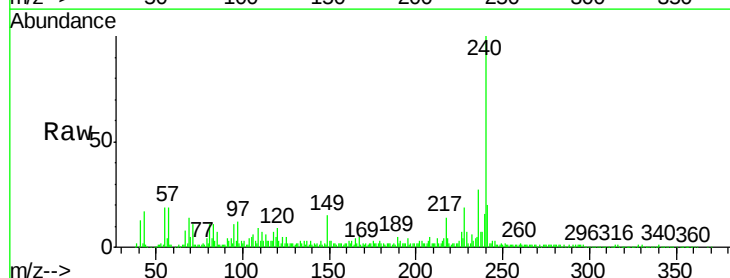
Tgt Ion:240 Resp: 304335

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

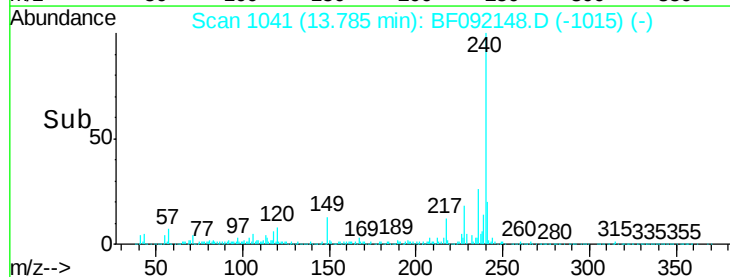
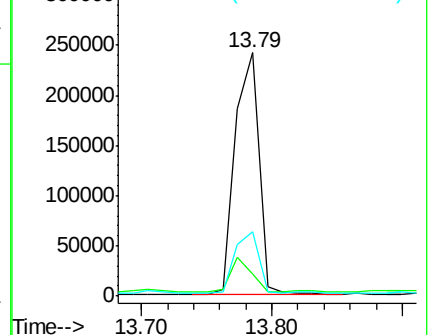
236 26.7 20.9 31.3

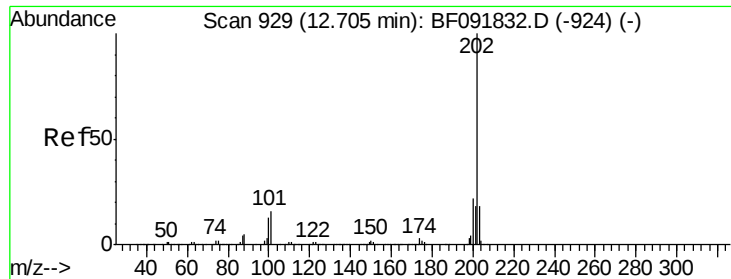


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 23.74 ng

RT: 12.58 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

P3-SP3

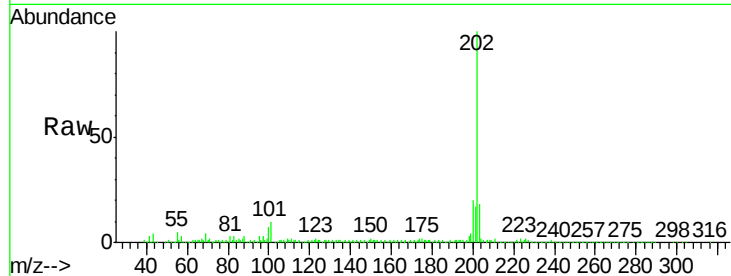
Tgt Ion:202 Resp: 530041

Ion Ratio Lower Upper

202 100

200 20.2 17.7 26.5

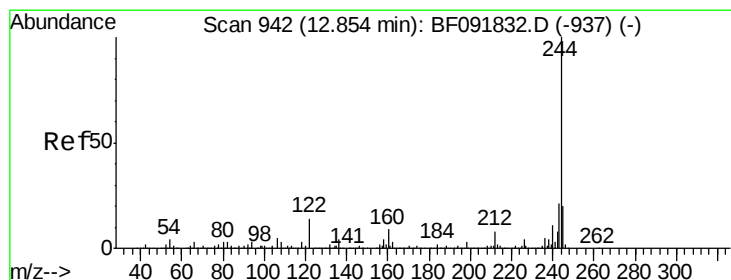
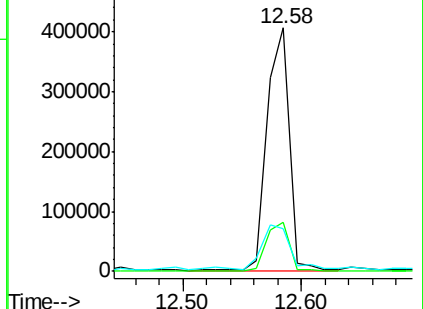
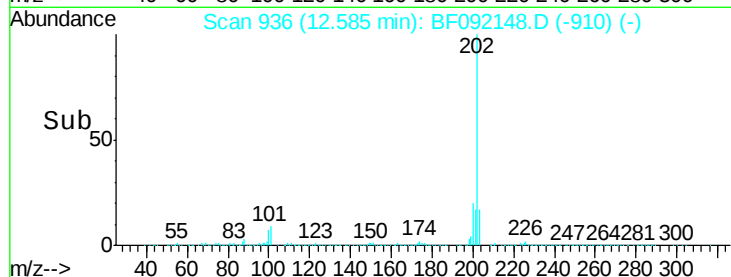
203 17.7 14.7 22.1



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



#78

Terphenyl-d14

Concen: 73.57 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

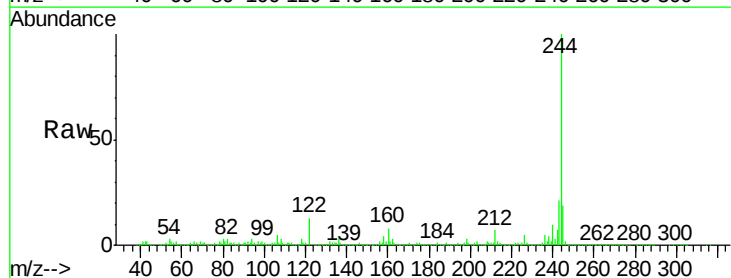
Tgt Ion:244 Resp: 923214

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

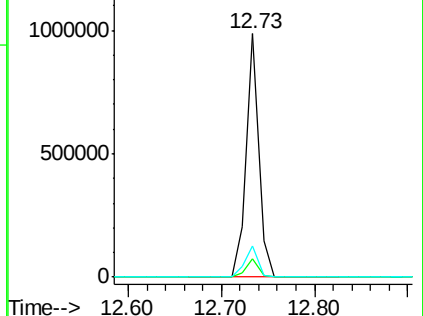
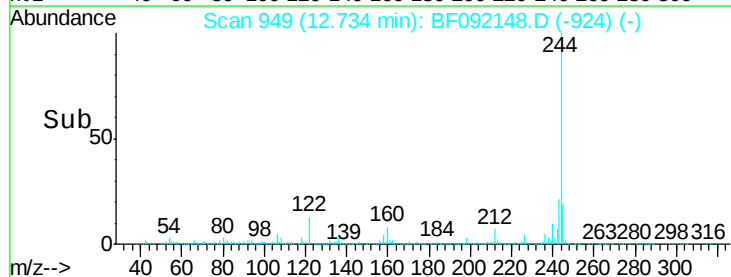
122 12.6 11.4 17.2

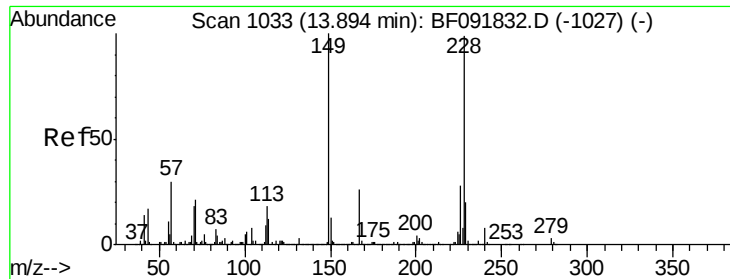


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 13.20 ng

RT: 13.77 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

P3-SP3

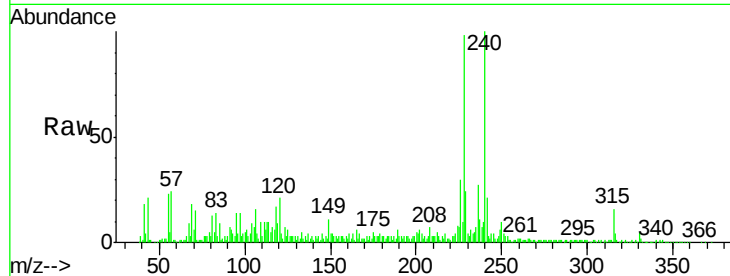
Tgt Ion:228 Resp: 226833

Ion Ratio Lower Upper

228 100

226 30.4 22.4 33.6

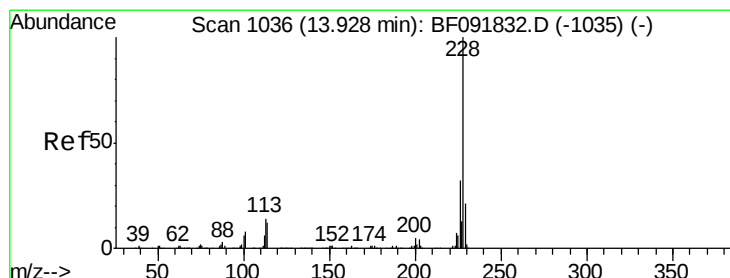
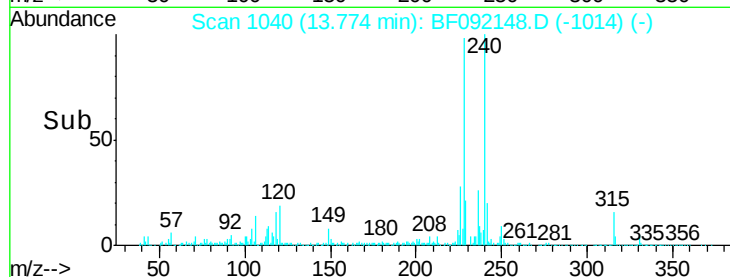
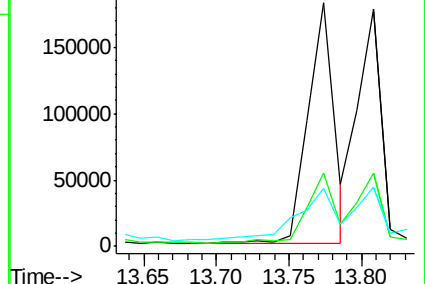
229 24.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 13.16 ng

RT: 13.77 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

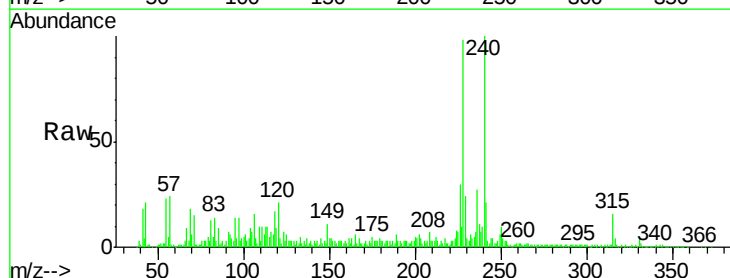
Tgt Ion:228 Resp: 226833

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

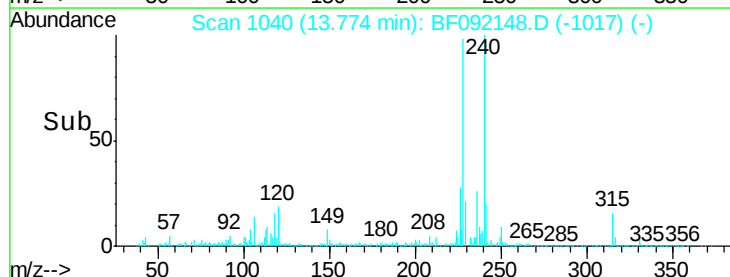
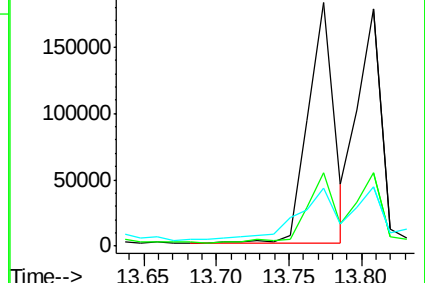
229 24.0 16.2 24.2

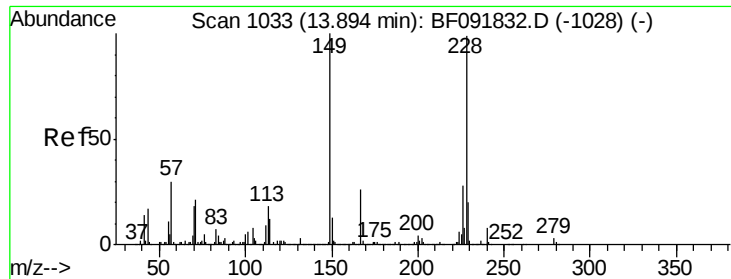


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

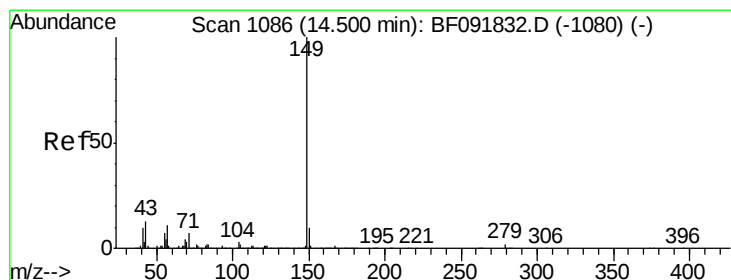
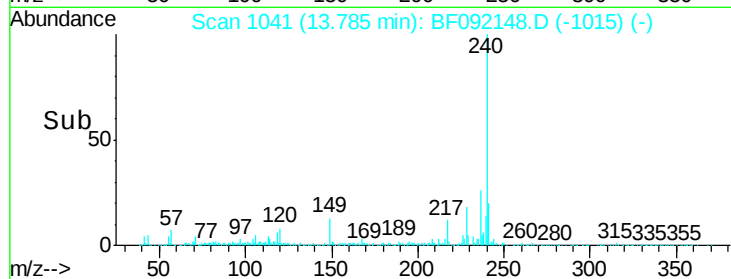
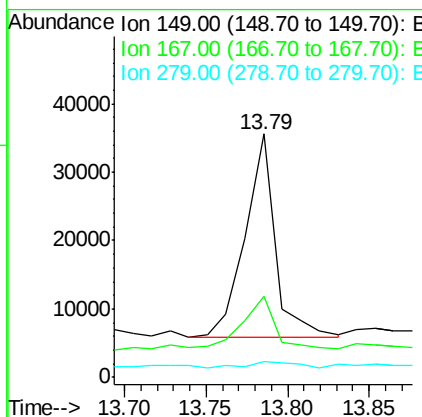
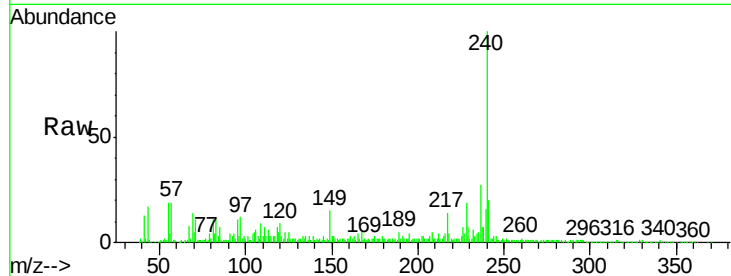




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.23 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF092148.D
 Acq: 9 Jan 2017 20:08

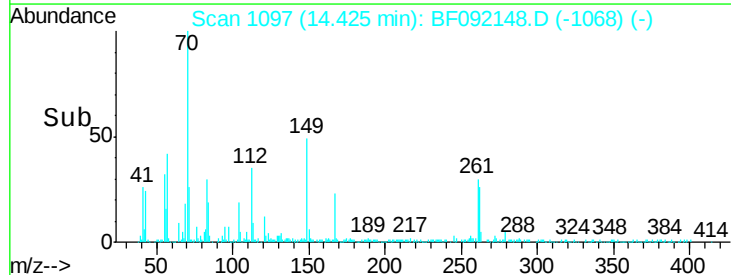
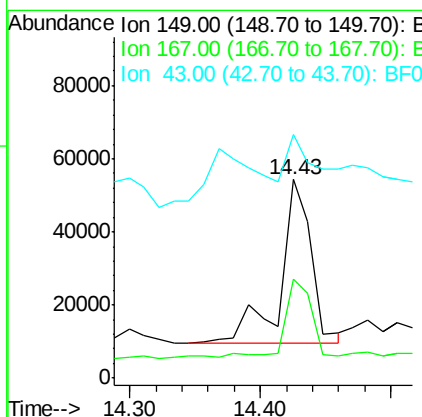
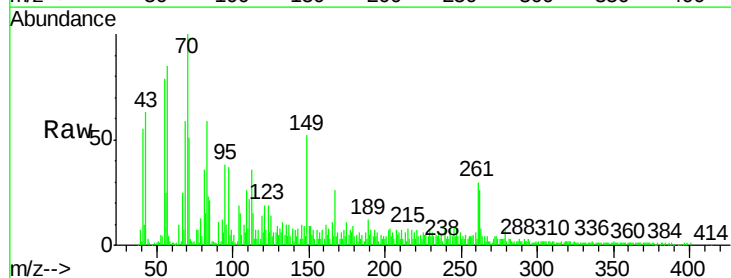
Instrument :
 BNA_F
 ClientSampleId :
 P3-SP3

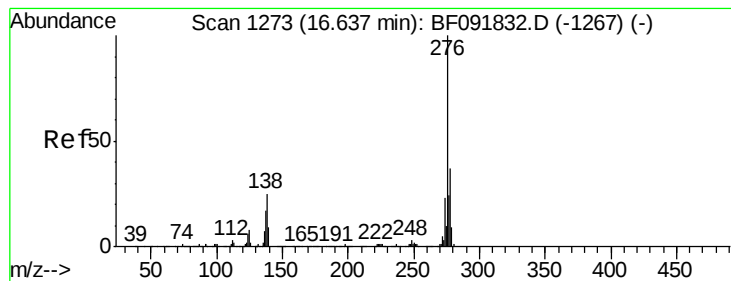
Tgt Ion:149 Resp: 38663
 Ion Ratio Lower Upper
 149 100
 167 33.5 20.2 30.4#
 279 6.7 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 3.31 ng
 RT: 14.43 min Scan# 1097
 Delta R.T. 0.03 min
 Lab File: BF092148.D
 Acq: 9 Jan 2017 20:08

Tgt Ion:149 Resp: 73239
 Ion Ratio Lower Upper
 149 100
 167 45.6 1.3 1.9#
 43 43.8 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 5.08 ng

RT: 16.44 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

P3-SP3

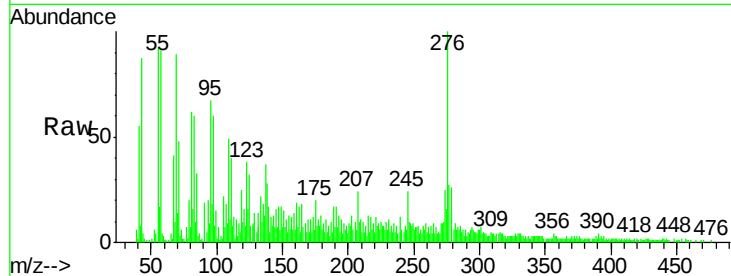
Tgt Ion:276 Resp: 75817

Ion Ratio Lower Upper

276 100

138 23.9 21.8 32.6

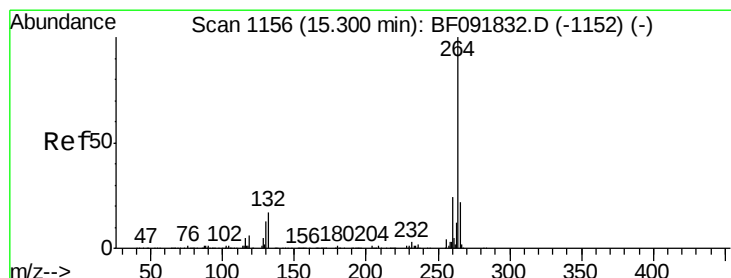
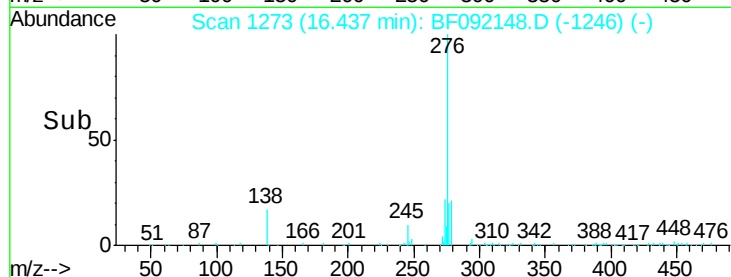
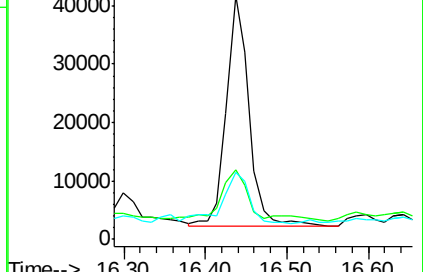
277 26.2 20.2 30.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.16 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

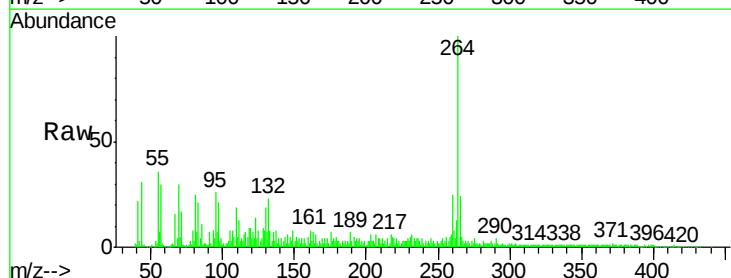
Tgt Ion:264 Resp: 220368

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

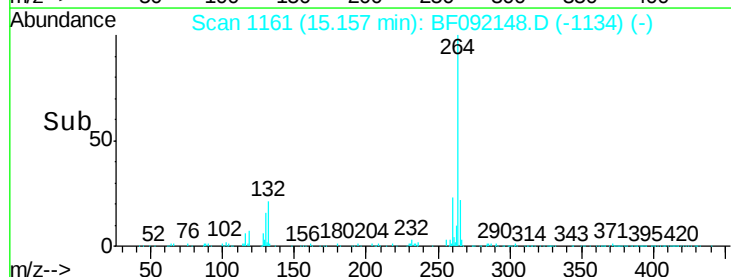
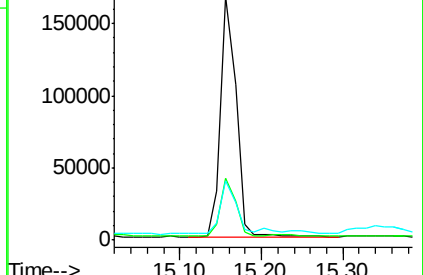
265 24.2 17.4 26.0

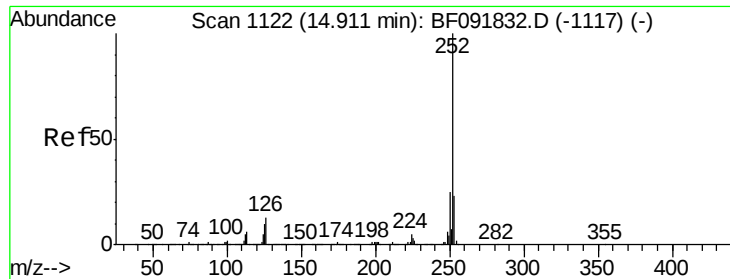


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 18.60 ng

RT: 14.78 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

P3-SP3

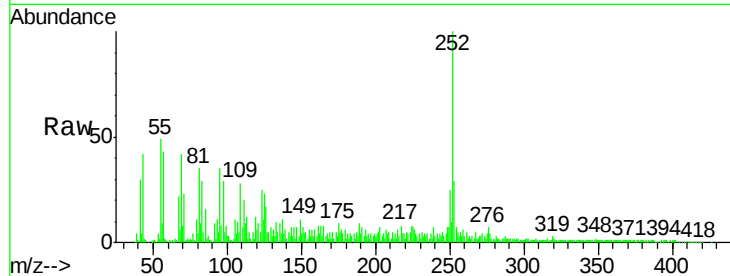
Tgt Ion:252 Resp: 255169

Ion Ratio Lower Upper

252 100

253 29.4 18.2 27.4#

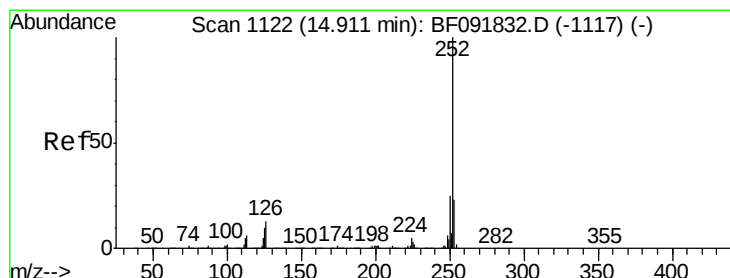
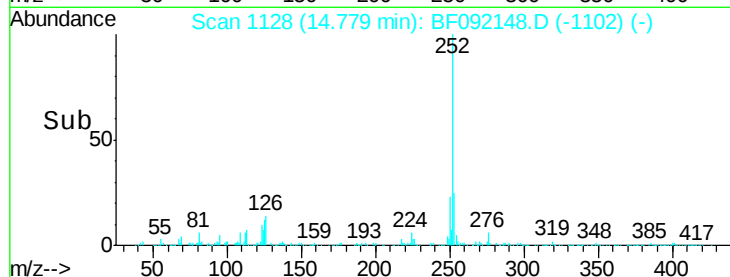
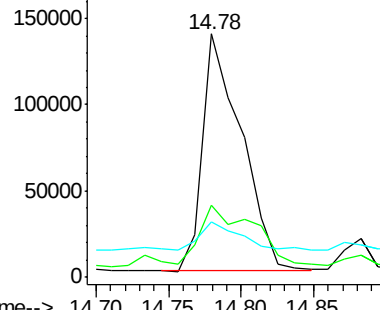
125 22.8 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 21.81 ng

RT: 14.78 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

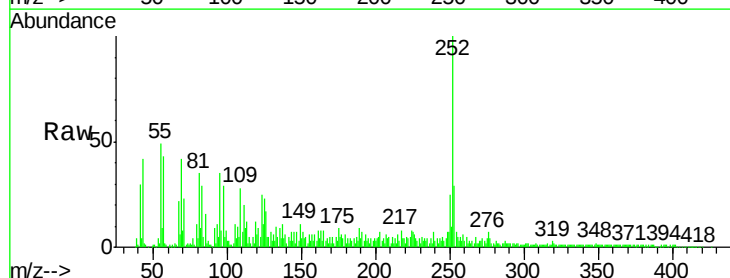
Tgt Ion:252 Resp: 255116

Ion Ratio Lower Upper

252 100

253 29.4 18.5 27.7#

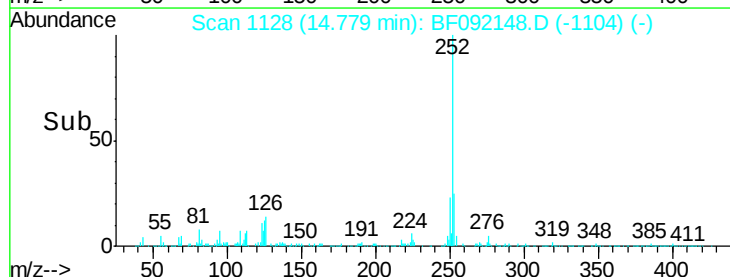
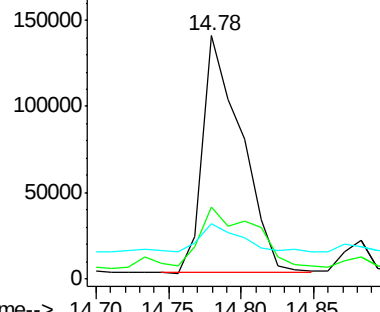
125 22.8 8.9 13.3#

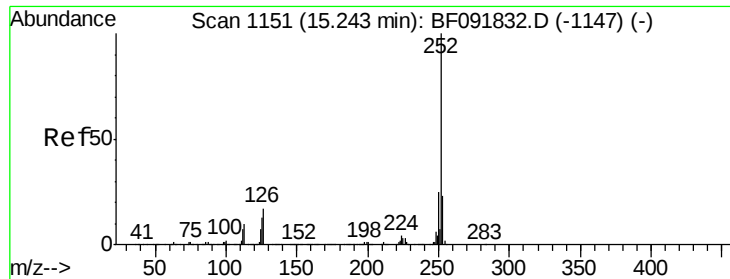


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

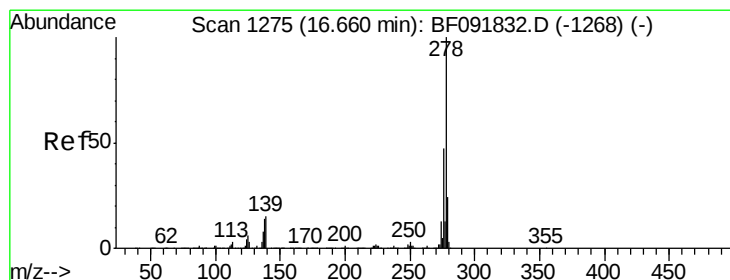
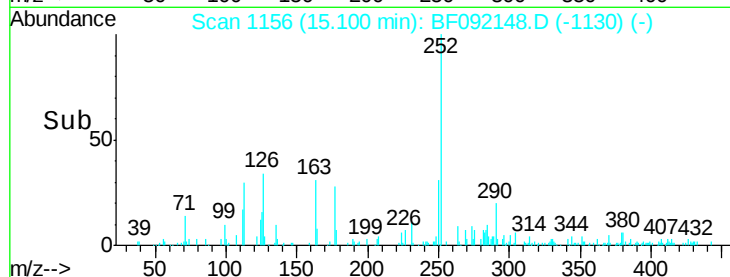
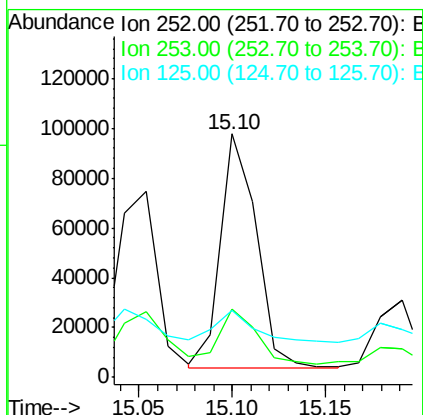
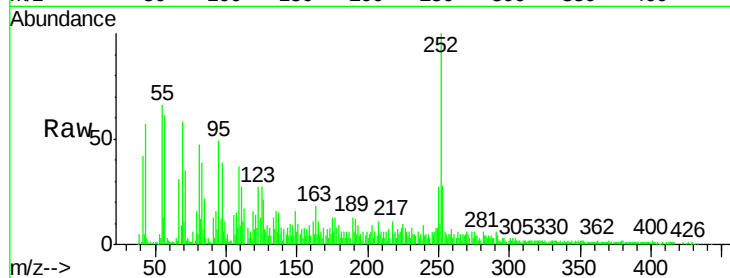




#89
Benzo(a)pyrene
Concen: 10.51 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092148.D
Acq: 9 Jan 2017 20:08

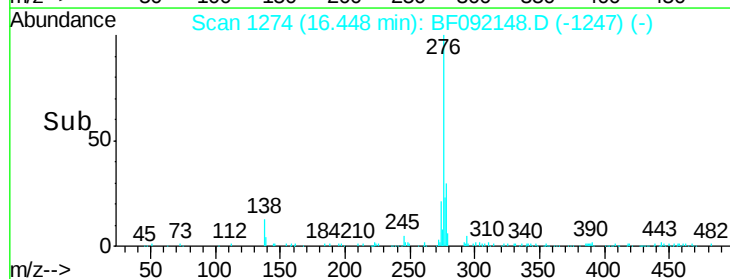
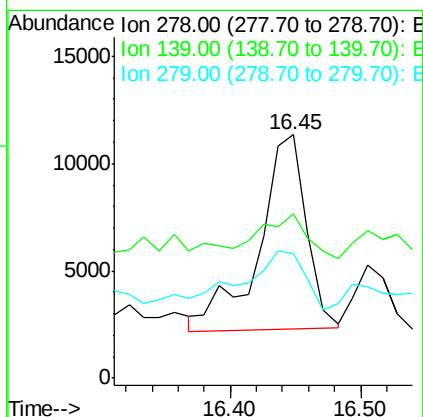
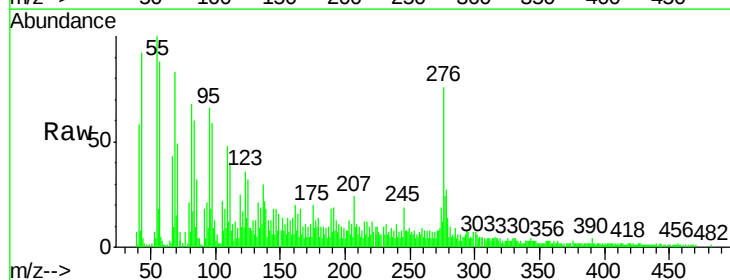
Instrument :
BNA_F
ClientSampled :
P3-SP3

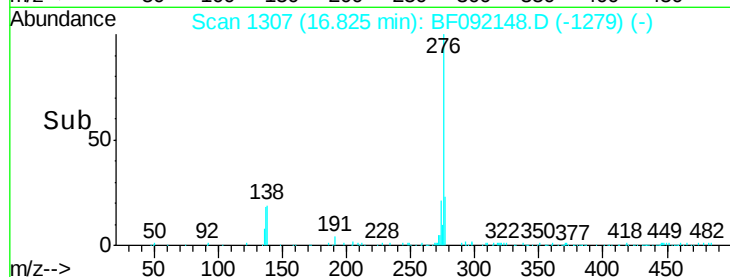
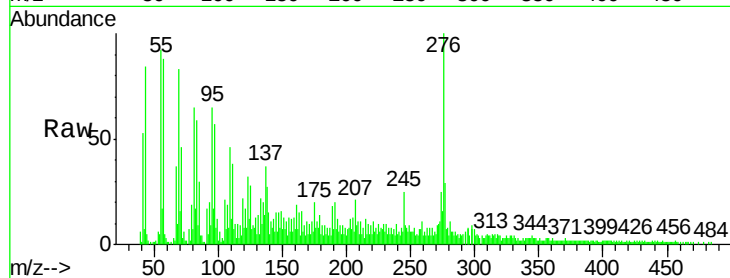
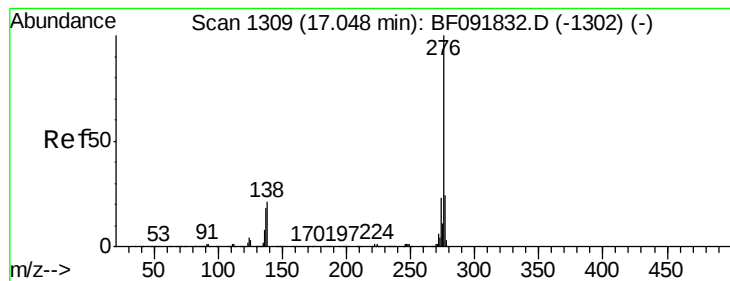
Tgt Ion:252 Resp: 127973
Ion Ratio Lower Upper
252 100
253 27.9 18.2 27.2#
125 27.4 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 2.30 ng
RT: 16.45 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF092148.D
Acq: 9 Jan 2017 20:08

Tgt Ion:278 Resp: 22994
Ion Ratio Lower Upper
278 100
139 67.3 14.8 22.2#
279 51.0 19.8 29.6#





#91

Benzo(g,h,i)perylene

Concen: 7.41 ng

RT: 16.83 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BF092148.D

Acq: 9 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

P3-SP3

Tgt Ion: 276 Resp: 77130

Ion Ratio Lower Upper

276 100

277 28.6 19.2 28.8

138 27.3 16.0 24.0#

