

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092150.D
 Acq On : 9 Jan 2017 21:02
 Operator : UM/SJ
 Sample : I1057-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP5

Quant Time: Jan 09 22:35:04 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	200146	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	695322	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	296810	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	422213	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	303719	20.00	ng	0.00
86) Perylene-d12	15.17	264	212987	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1175299	98.05	ng	0.00
7) Phenol-d6	6.31	99	1722216	117.68	ng	0.00
23) Nitrobenzene-d5	7.20	82	770253	61.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	126455	51.48	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1254392	86.88	ng	0.00
78) Terphenyl-d14	12.73	244	867316	69.26	ng	-0.01

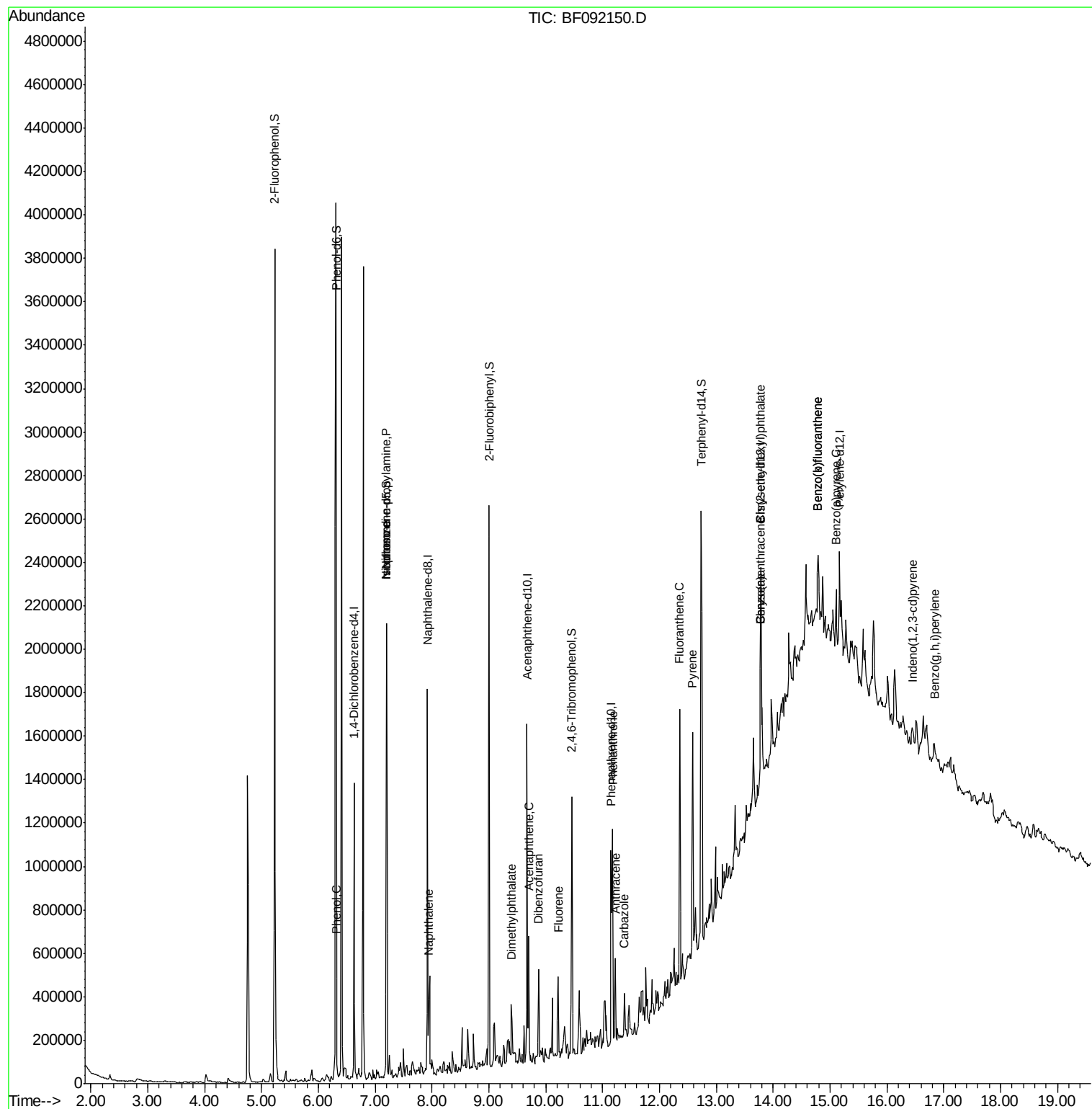
Target Compounds						Qvalue
10) Phenol	6.32	94	106014	6.36	ng	# 64
19) n-Nitroso-di-n-propylamine	7.20	70	101137	10.39	ng	# 77
25) Isophorone	7.20	82	674575	29.24	ng	# 65
31) Naphthalene	7.94	128	121281	3.81	ng	97
49) Dimethylphthalate	9.40	163	98035	5.16	ng	99
51) Acenaphthene	9.70	154	131126	7.81	ng	99
54) Dibenzofuran	9.88	168	137528	6.07	ng	94
57) Fluorene	10.22	166	117649	7.14	ng	100
70) Phenanthrene	11.18	178	592587	25.88	ng	97
71) Anthracene	11.23	178	145454	5.05	ng	97
72) Carbazole	11.39	167	68400	2.65	ng	96
73) Di-n-butylphthalate	11.73	149	5247	Below Cal	#	75
74) Fluoranthene	12.36	202	513865	23.78	ng	98
76) Benzidine	12.51	184	1492	Below Cal	#	1
77) Pyrene	12.59	202	445267	19.98	ng	99
80) Benzo(a)anthracene	13.77	228	194823	11.36	ng	96
82) Chrysene	13.77	228	194823	11.33	ng	95
83) Bis(2-ethylhexyl)phthalate	13.79	149	25315	2.12	ng	# 72
85) Indeno(1,2,3-cd)pyrene	16.45	276	55936	3.75	ng	# 88
87) Benzo(b)fluoranthene	14.79	252	191836	14.47	ng	# 78
88) Benzo(k)fluoranthene	14.79	252	191836	16.97	ng	# 78
89) Benzo(a)pyrene	15.11	252	94609	8.04	ng	# 74
91) Benzo(g,h,i)perylene	16.84	276	54853	5.45	ng	# 76

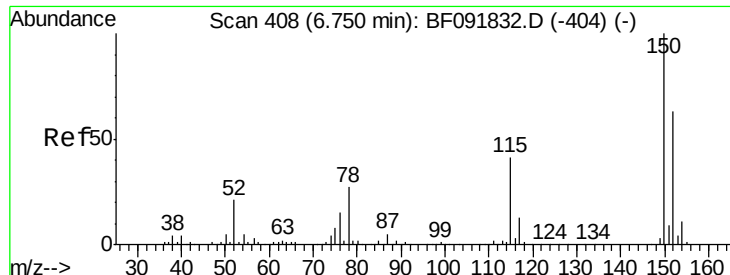
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092150.D

Acq: 9 Jan 2017 21:02

Instrument :

BNA_F

ClientSampled :

P3-SP5

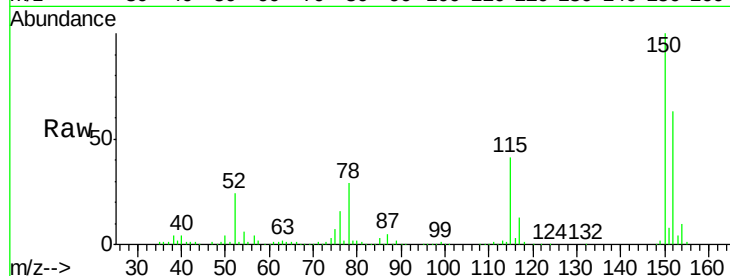
Tgt Ion:152 Resp: 200146

Ion Ratio Lower Upper

152 100

150 159.6 124.9 187.3

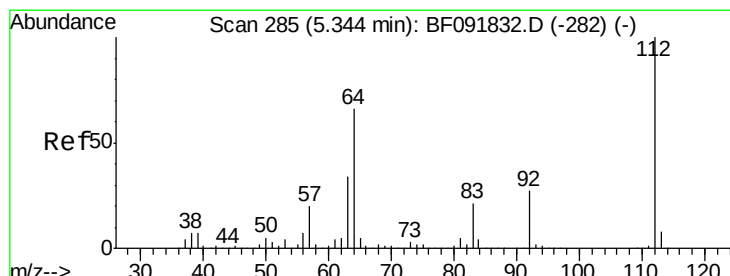
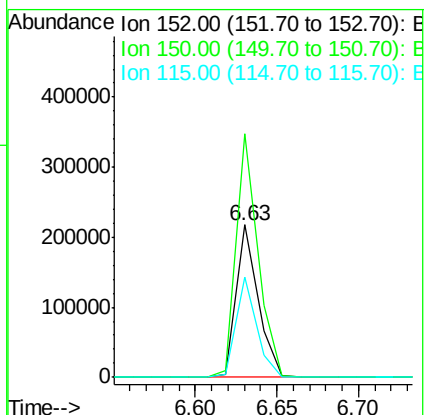
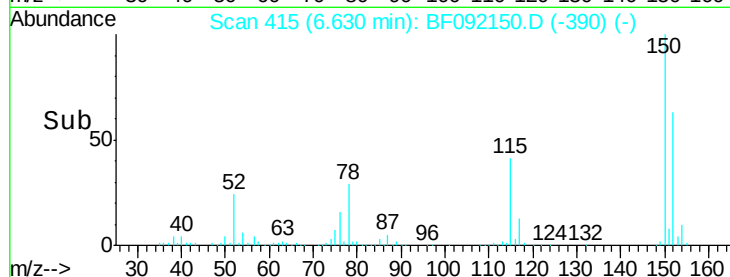
115 66.1 46.0 69.0



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: 98.05 ng

RT: 5.24 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

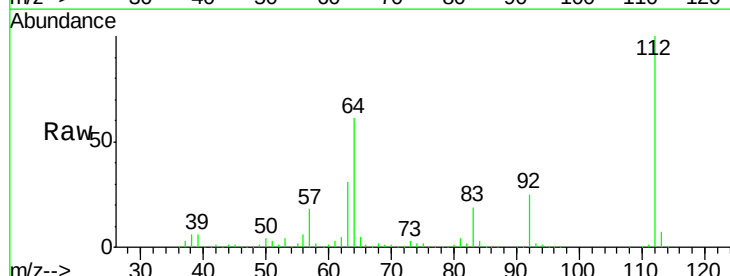
Tgt Ion:112 Resp: 1175299

Ion Ratio Lower Upper

112 100

64 60.5 46.1 69.1

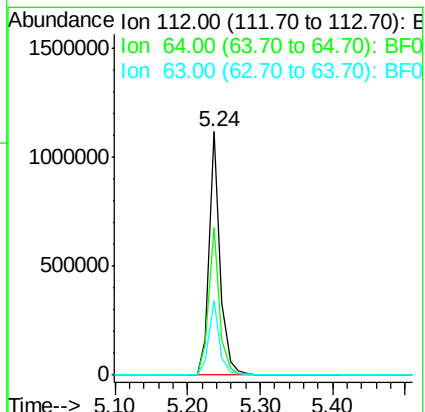
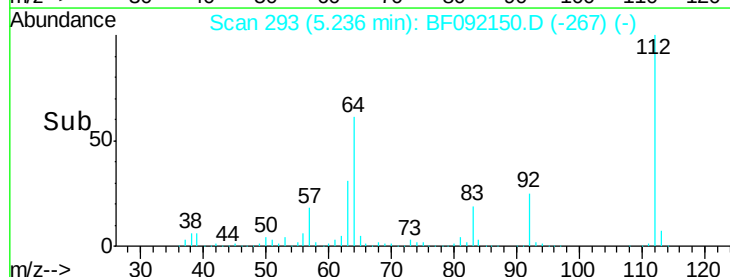
63 30.7 23.8 35.6

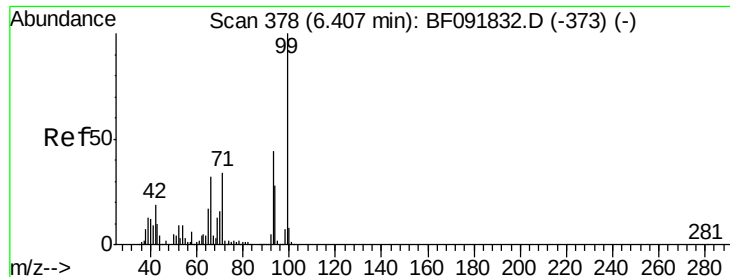


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.68 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

P3-SP5

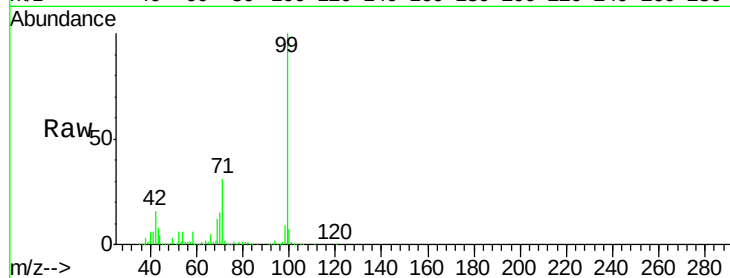
Tgt Ion: 99 Resp: 1722216

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

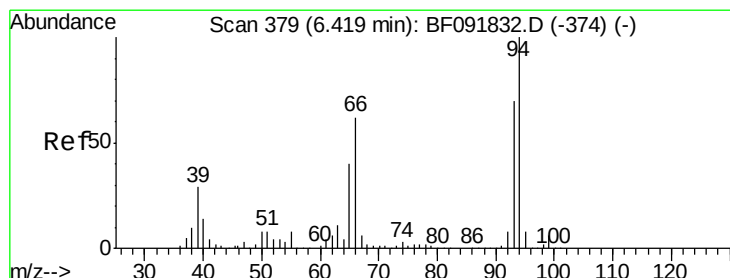
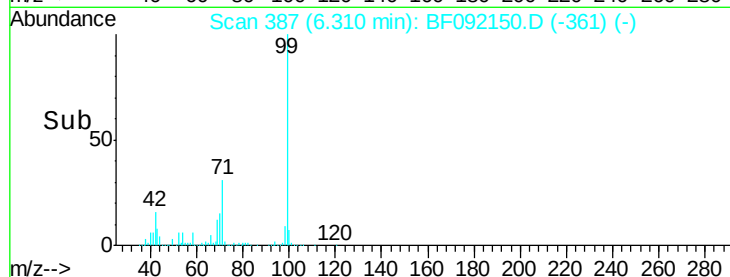
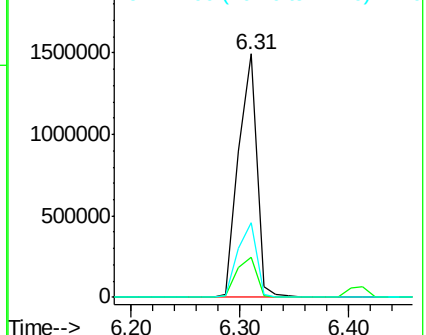
71 30.9 27.5 41.3



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: 6.36 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

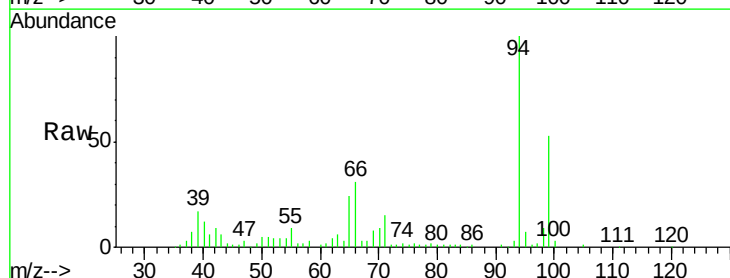
Tgt Ion: 94 Resp: 106014

Ion Ratio Lower Upper

94 100

65 23.7 21.4 61.4

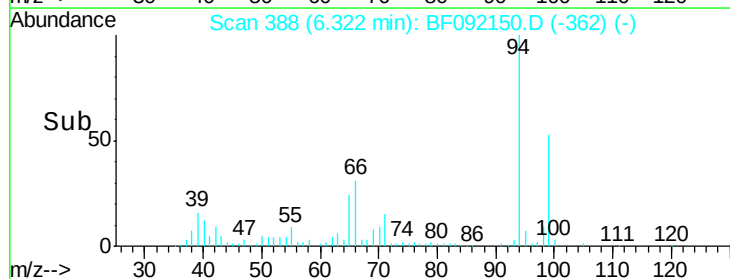
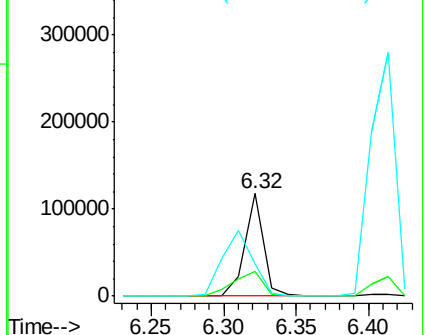
66 31.4 44.0 84.0#

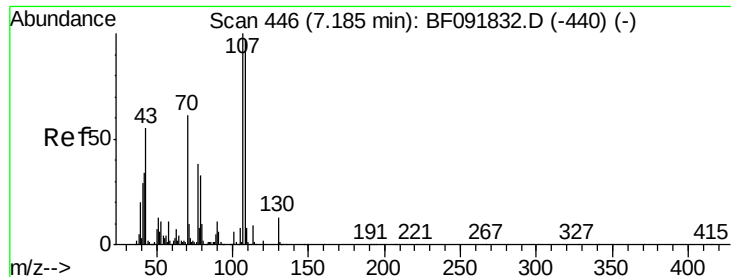


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

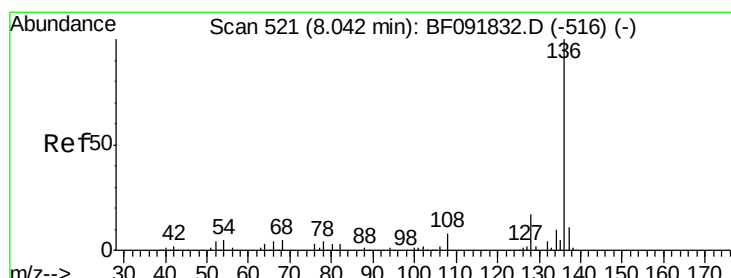
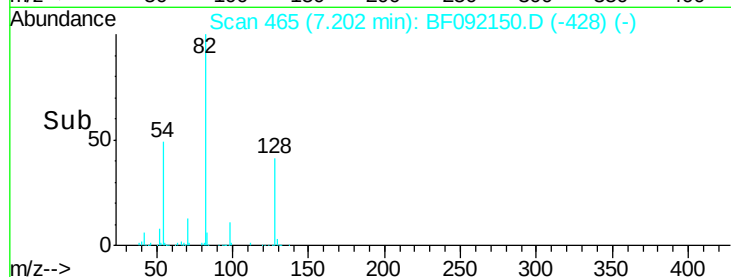
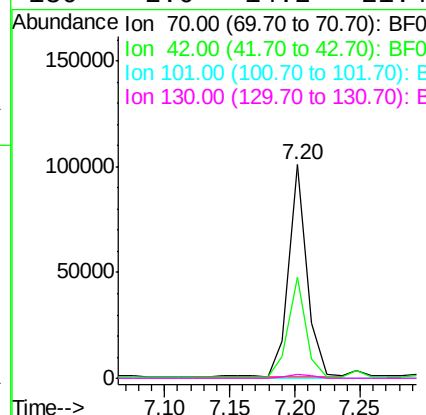
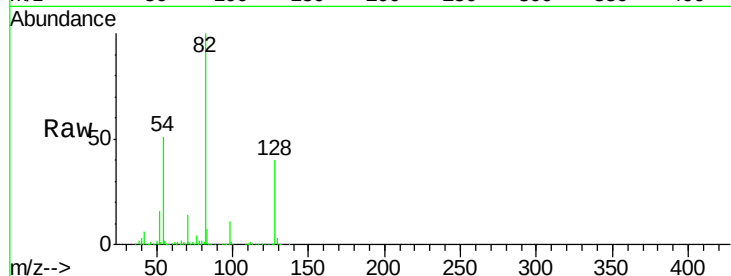




#19
n-Nitroso-di-n-propylamine
Concen: 10.39 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF092150.D
Acq: 9 Jan 2017 21:02

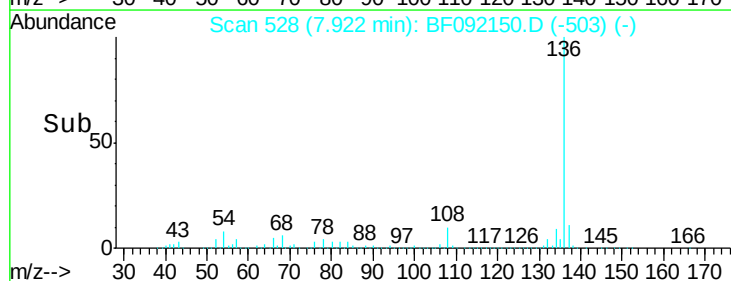
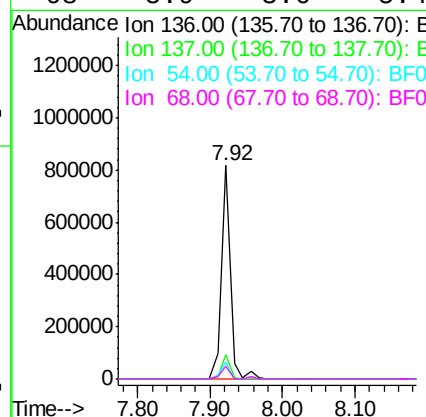
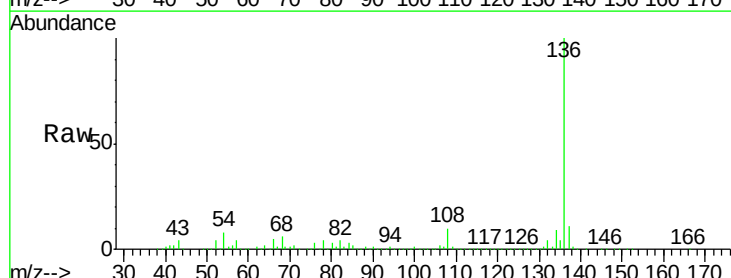
Instrument :
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P3-SP5

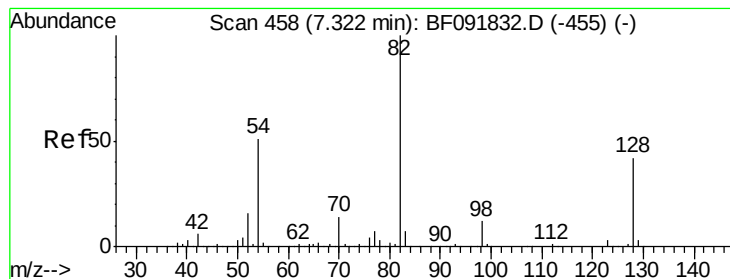
Tgt Ion: 70 Resp: 101137
Ion Ratio Lower Upper
70 100
42 47.6 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092150.D
Acq: 9 Jan 2017 21:02

Tgt Ion: 136 Resp: 695322
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.5 4.5 6.7#
68 5.9 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 61.60 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

P3-SP5

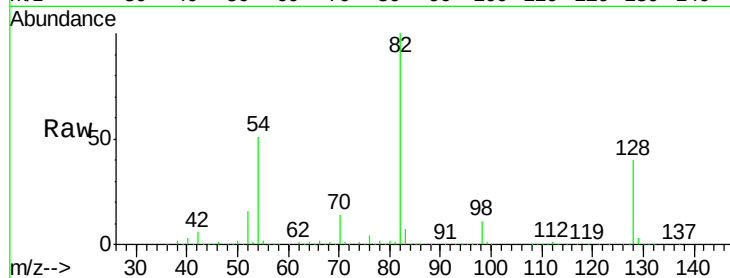
Tgt Ion: 82 Resp: 770253

Ion Ratio Lower Upper

82 100

128 40.5 34.6 52.0

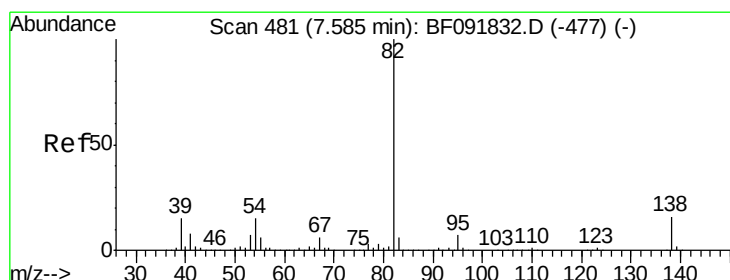
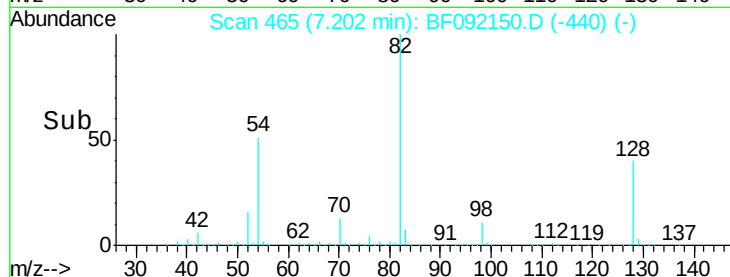
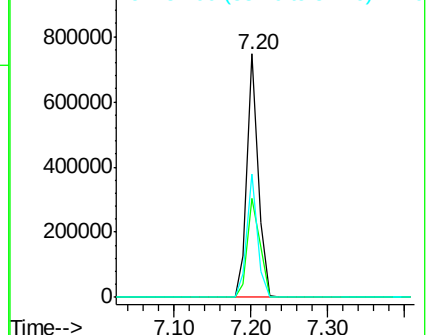
54 50.5 39.5 59.3



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: 29.24 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.27 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

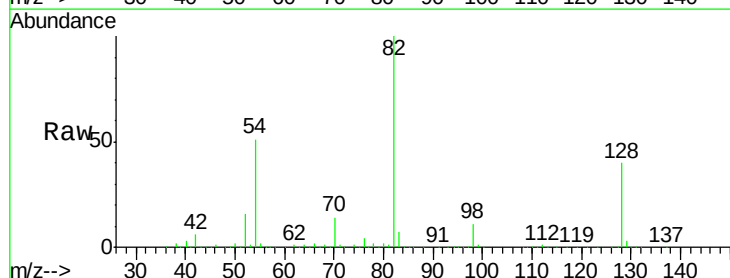
Tgt Ion: 82 Resp: 674575

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

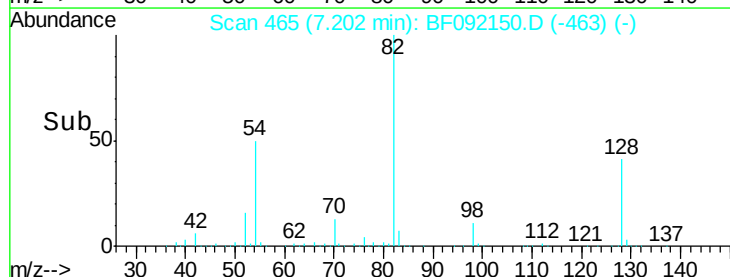
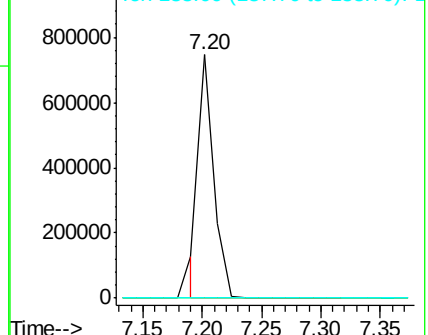
138 0.0 14.6 22.0#

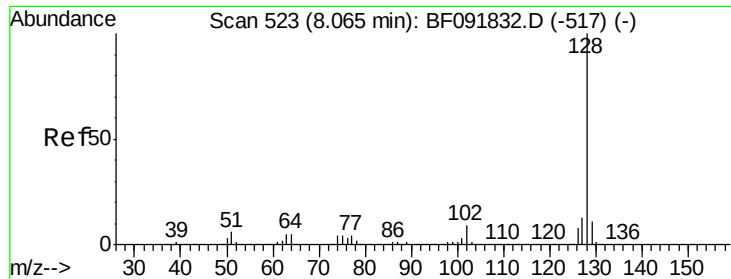


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

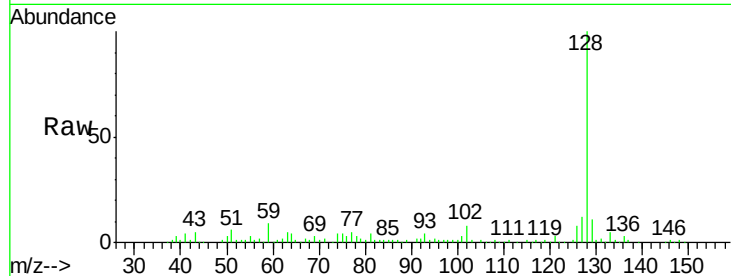




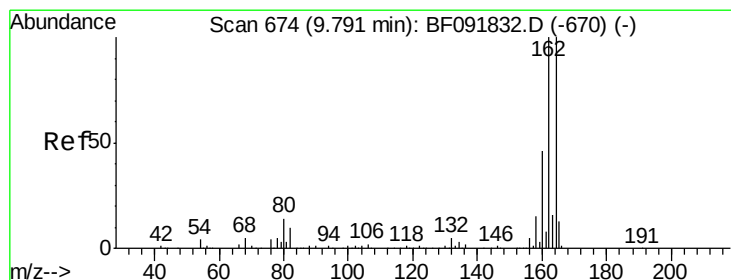
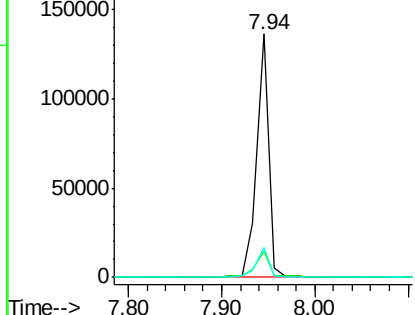
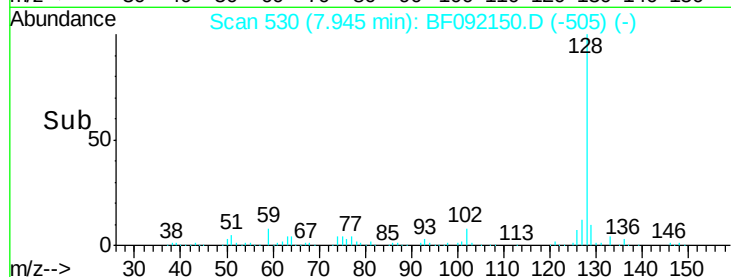
#31
Naphthalene
Concen: 3.81 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092150.D
Acq: 9 Jan 2017 21:02

Instrument :
BNA_F
ClientSampleId :
P3-SP5

Tgt Ion:128 Resp: 121281
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 12.1 10.8 16.2

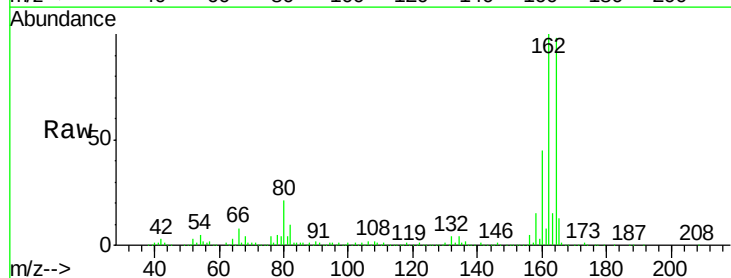


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

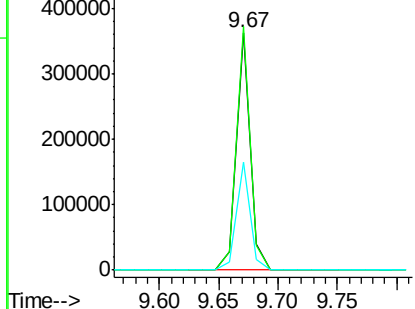
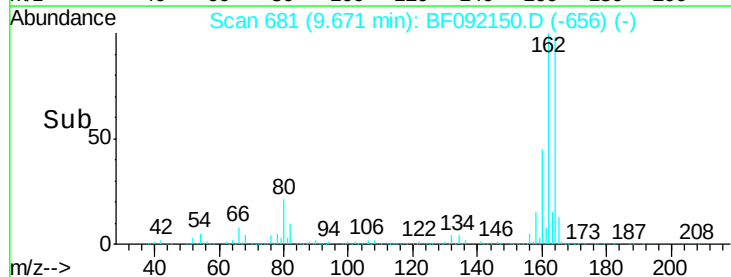


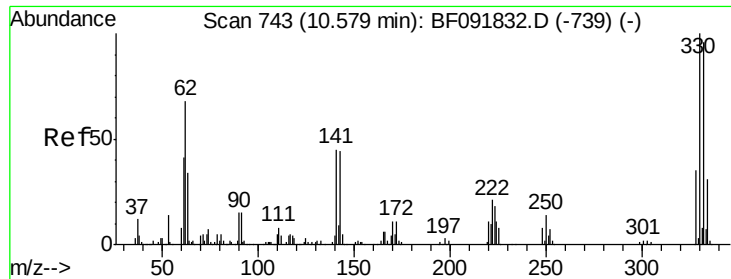
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092150.D
Acq: 9 Jan 2017 21:02

Tgt Ion:164 Resp: 296810
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.2
160 45.6 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

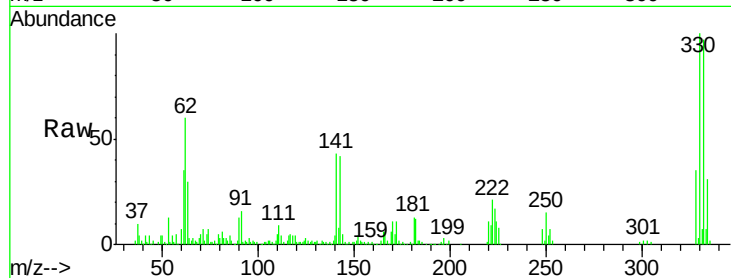




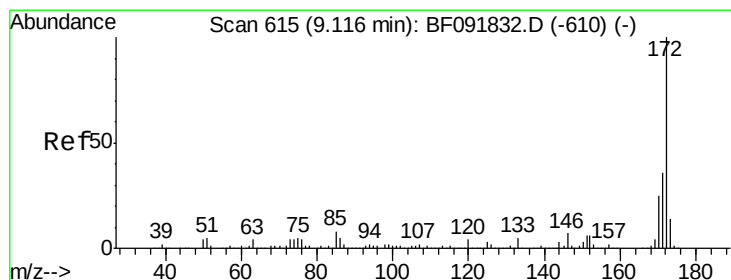
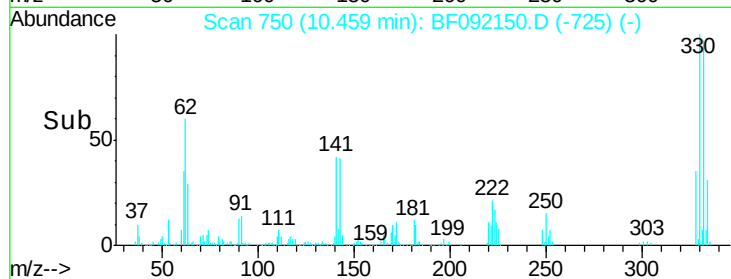
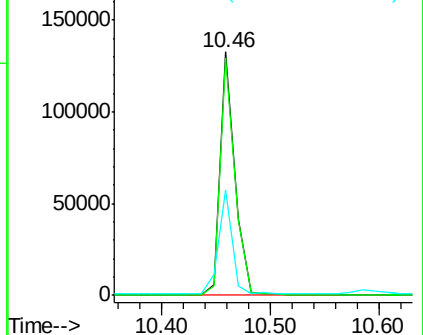
#41
 2,4,6-Tribromophenol
 Concen: 51.48 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092150.D
 Acq: 9 Jan 2017 21:02

Instrument :
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 P3-SP5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	40.2	34.1	51.1

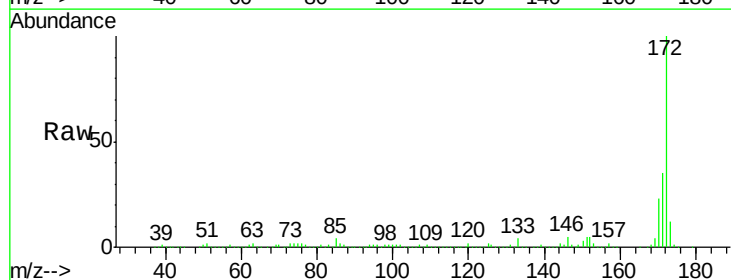


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

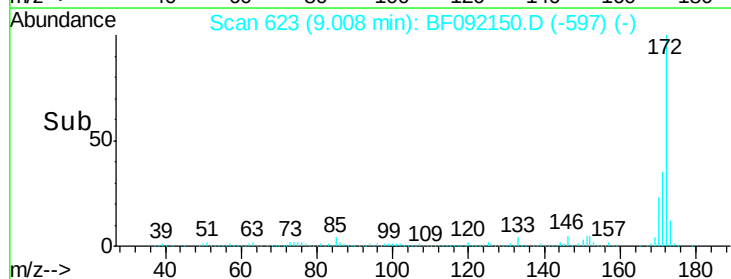
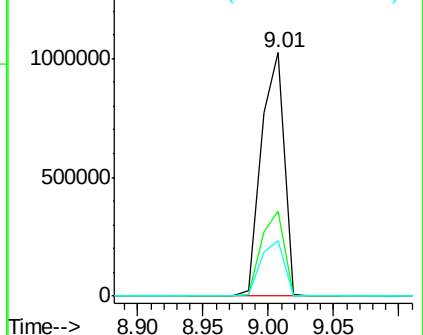


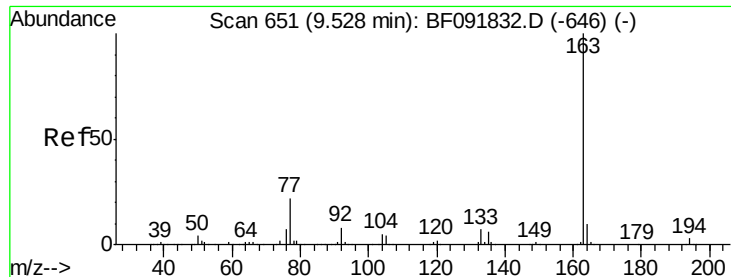
#44
 2-Fluorobiphenyl
 Concen: 86.88 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092150.D
 Acq: 9 Jan 2017 21:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.0
170	23.0	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

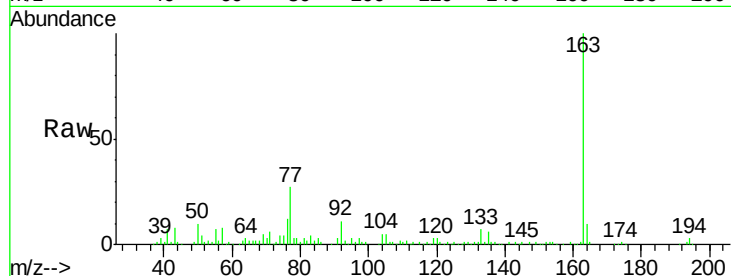




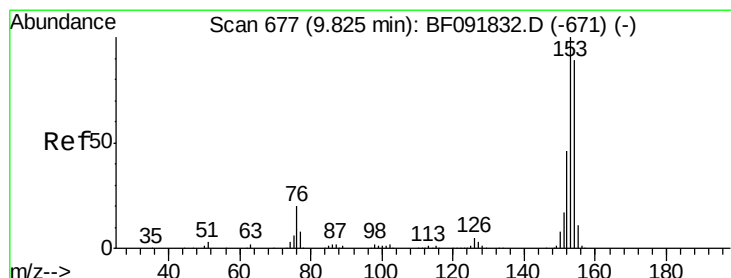
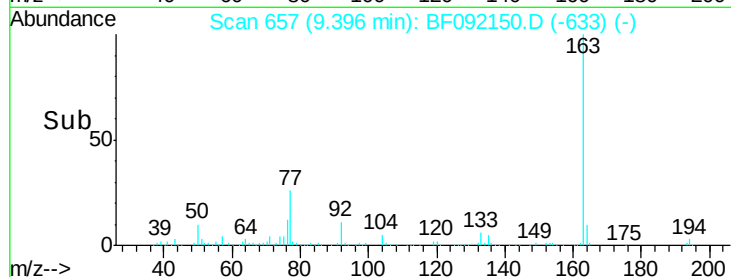
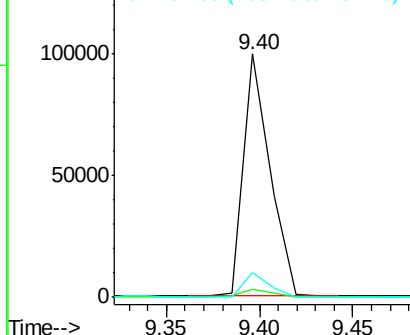
#49
Dimethylphthalate
Concen: 5.16 ng
RT: 9.40 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF092150.D
Acq: 9 Jan 2017 21:02

Instrument :
BNA_F
ClientSampled :
P3-SP5

Tgt Ion:163 Resp: 98035
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.1 8.0 12.0

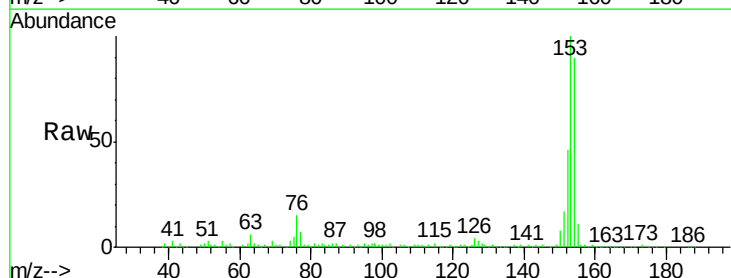


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

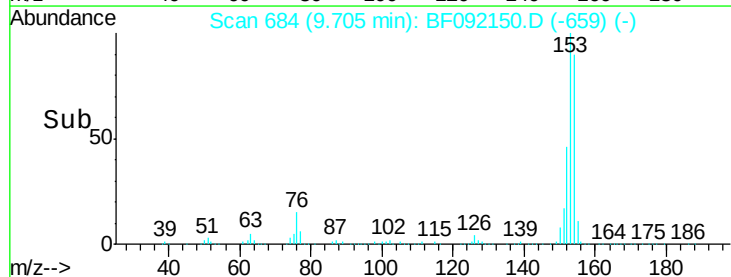
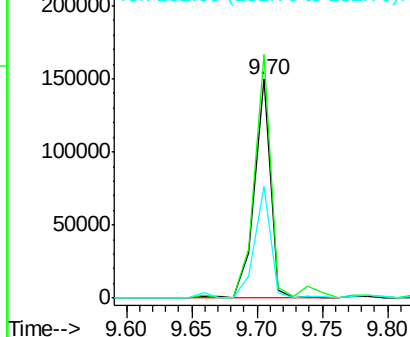


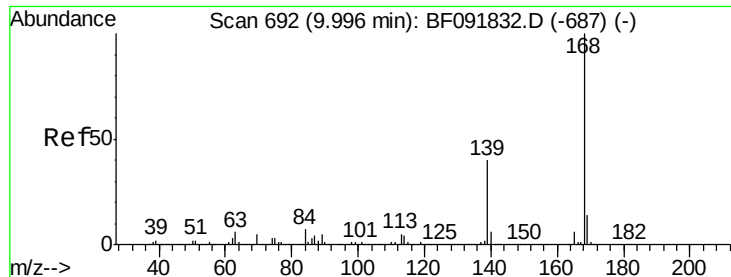
#51
Acenaphthene
Concen: 7.81 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF092150.D
Acq: 9 Jan 2017 21:02

Tgt Ion:154 Resp: 131126
Ion Ratio Lower Upper
154 100
153 111.2 88.6 133.0
152 51.2 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

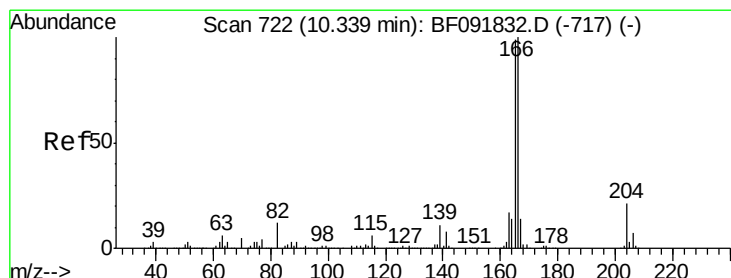
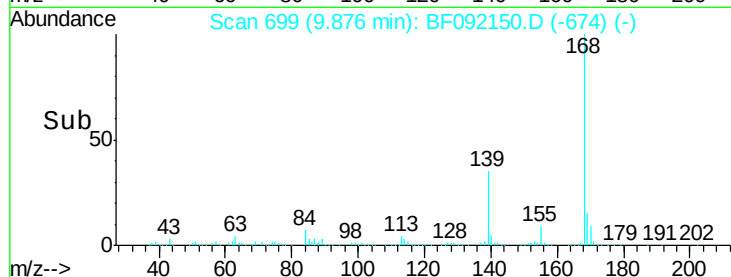
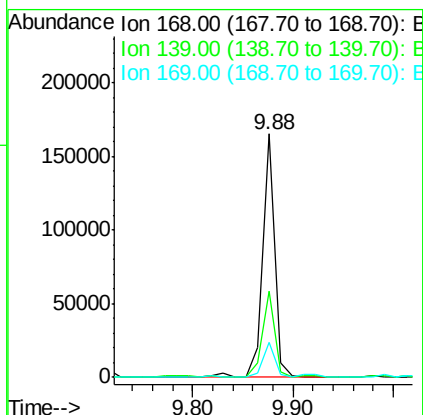
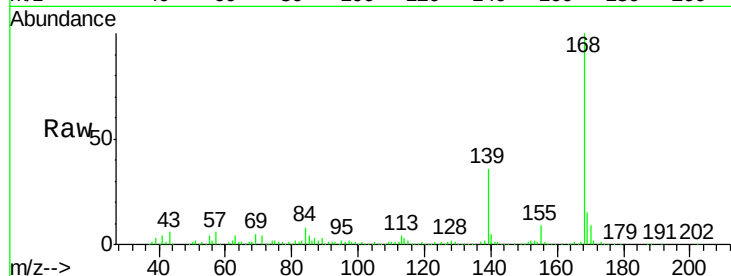




#54
Dibenzofuran
Concen: 6.07 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092150.D
Acq: 9 Jan 2017 21:02

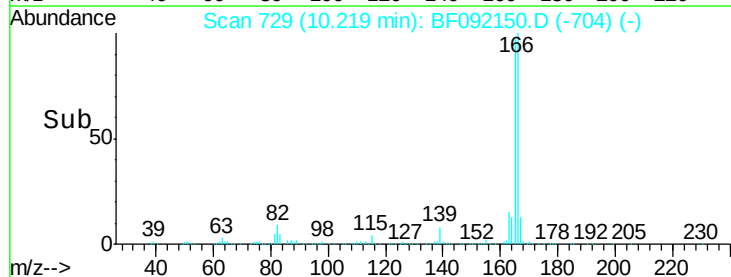
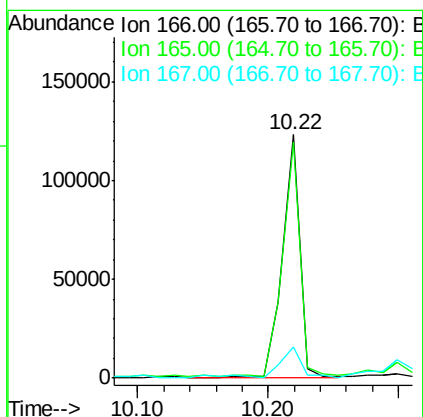
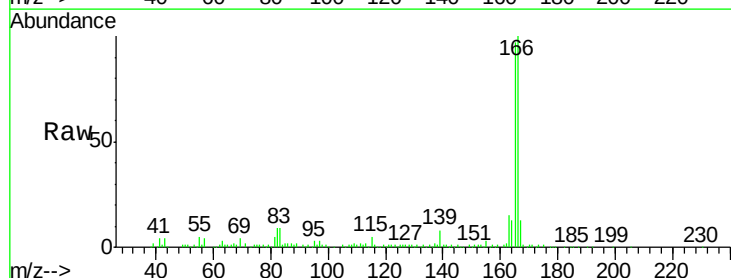
Instrument :
BNA_F
ClientSampleId :
P3-SP5

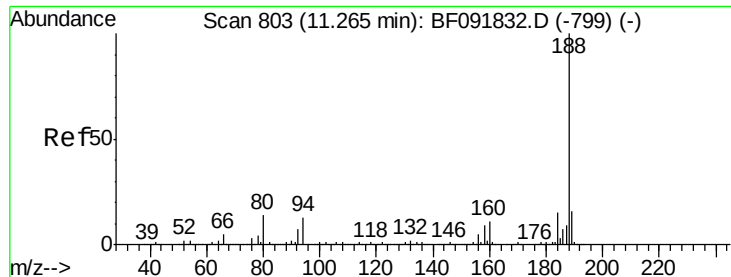
Tgt Ion:168 Resp: 137528
Ion Ratio Lower Upper
168 100
139 35.6 32.6 49.0
169 14.5 11.3 16.9



#57
Fluorene
Concen: 7.14 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092150.D
Acq: 9 Jan 2017 21:02

Tgt Ion:166 Resp: 117649
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.8
167 13.0 10.8 16.2

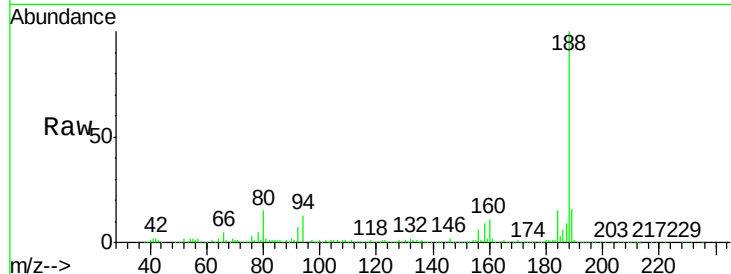




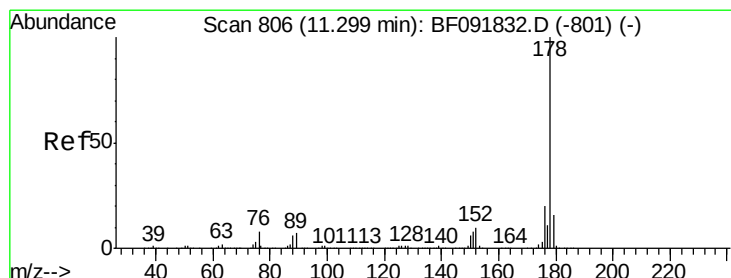
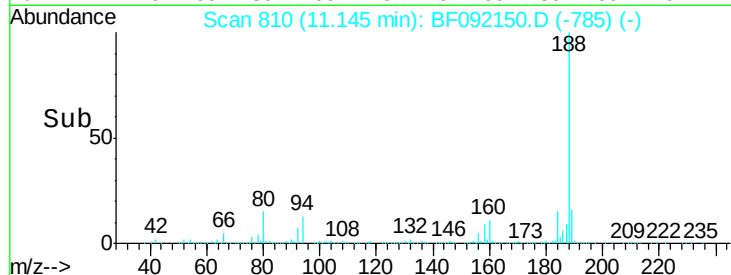
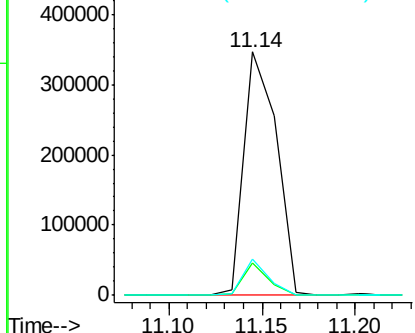
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092150.D
Acq: 9 Jan 2017 21:02

Instrument :
BNA_F
ClientSampleId :
P3-SP5

Tgt Ion:188 Resp: 422213
Ion Ratio Lower Upper
188 100
94 13.5 10.0 15.0
80 14.7 11.2 16.8

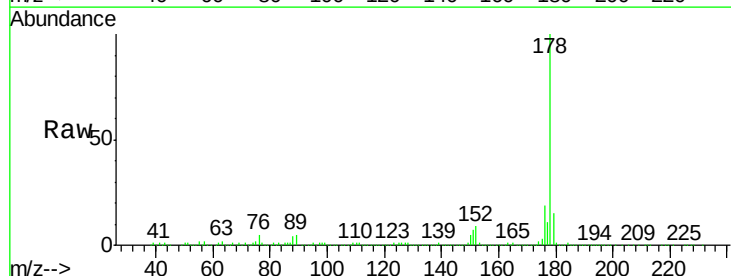


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

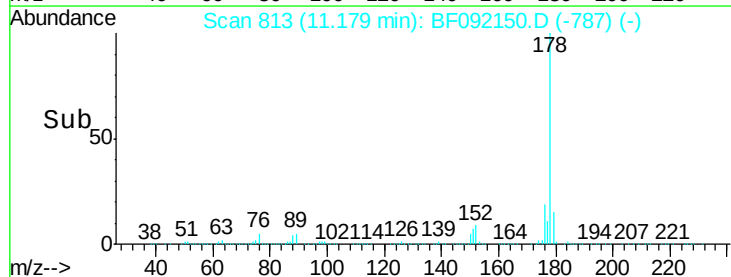
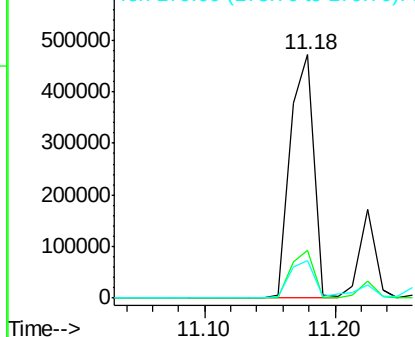


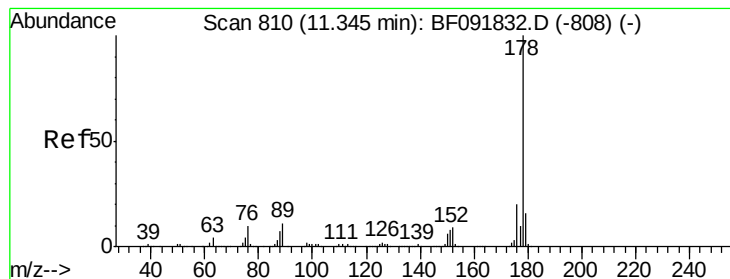
#70
Phenanthrene
Concen: 25.88 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092150.D
Acq: 9 Jan 2017 21:02

Tgt Ion:178 Resp: 592587
Ion Ratio Lower Upper
178 100
176 19.4 16.6 25.0
179 15.2 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: 5.05 ng

RT: 11.23 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

P3-SP5

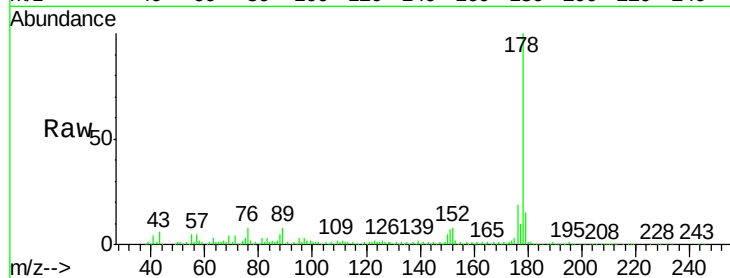
Tgt Ion:178 Resp: 145454

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

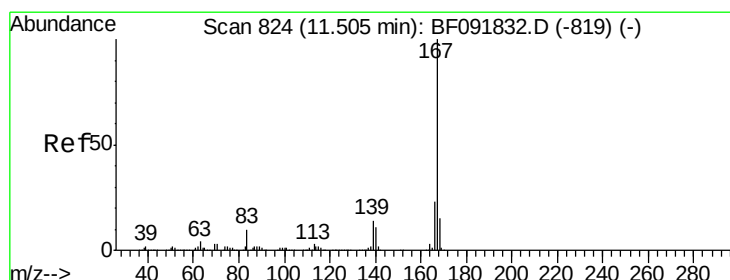
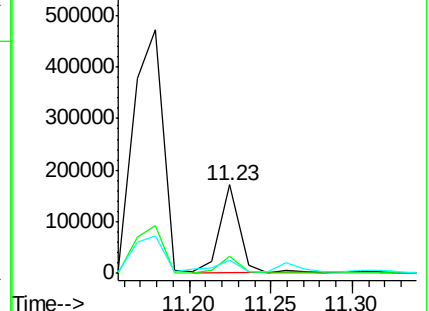
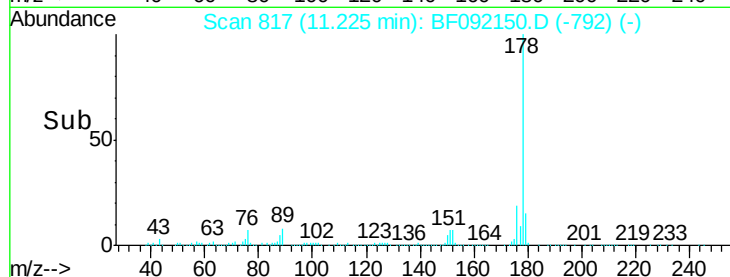
179 15.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.65 ng

RT: 11.39 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

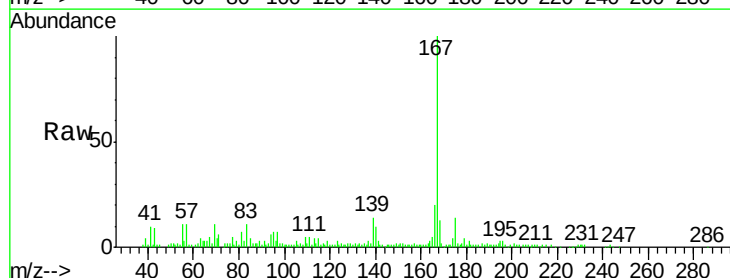
Tgt Ion:167 Resp: 68400

Ion Ratio Lower Upper

167 100

166 20.1 18.2 27.2

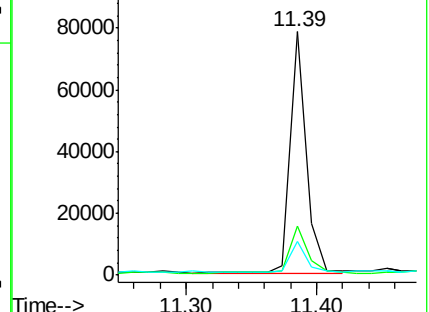
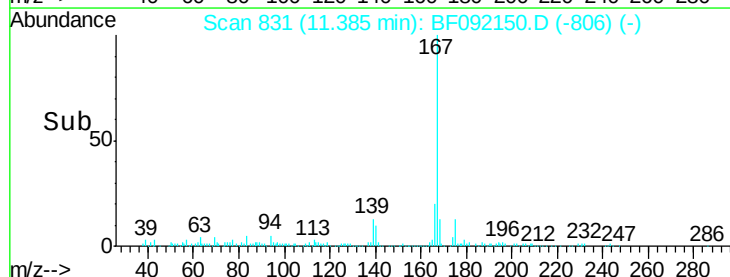
139 13.7 11.4 17.2

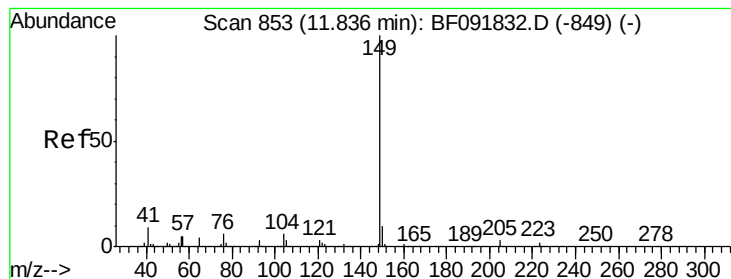


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

P3-SP5

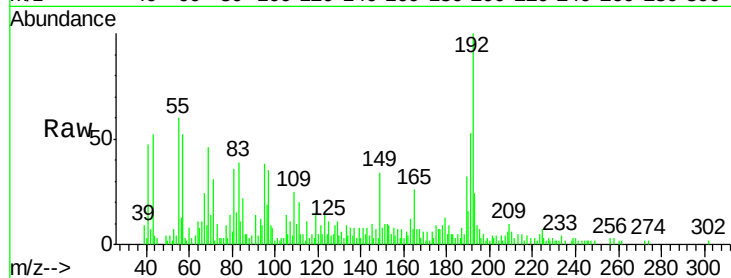
Tgt Ion:149 Resp: 5247

Ion Ratio Lower Upper

149 100

150 22.5 8.1 12.1#

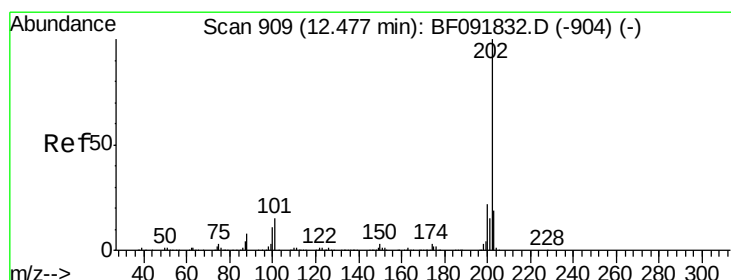
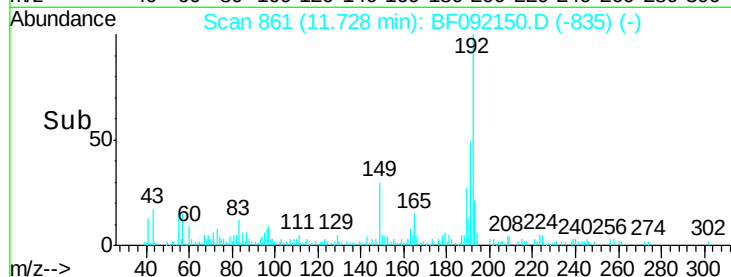
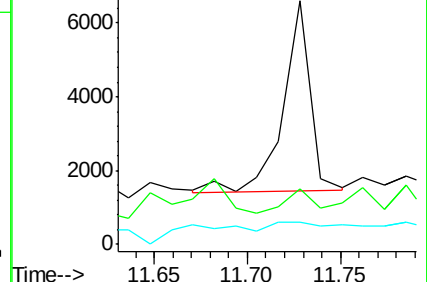
104 9.2 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 23.78 ng

RT: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

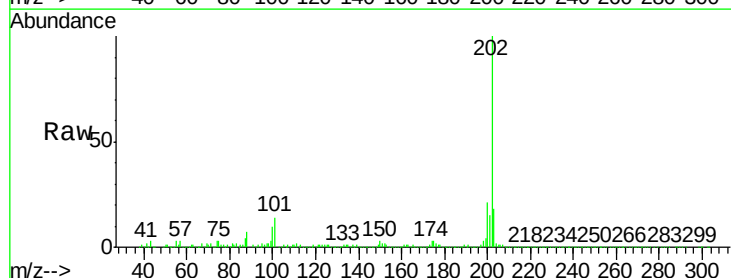
Tgt Ion:202 Resp: 513865

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.6

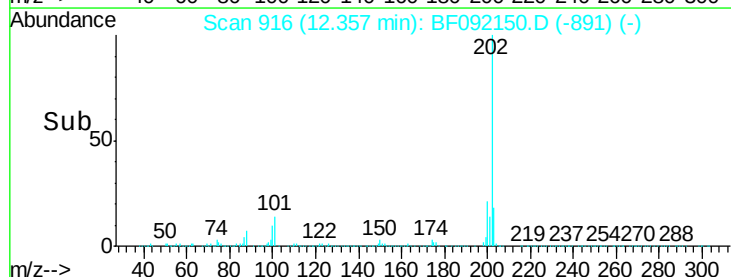
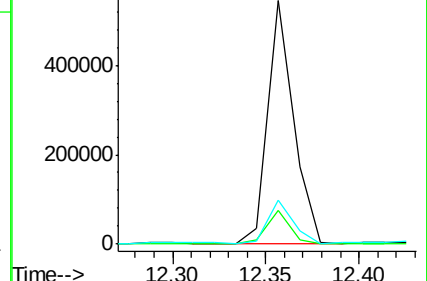
203 18.1 0.0 38.7

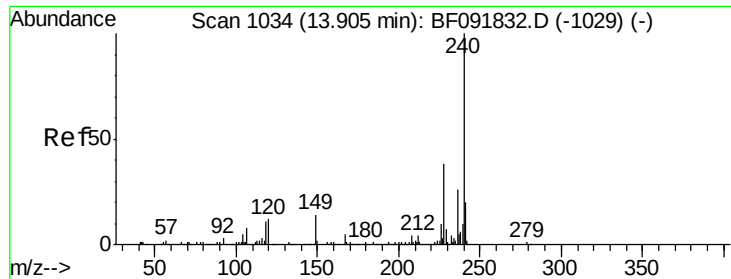


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092150.D

Acq: 9 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

P3-SP5

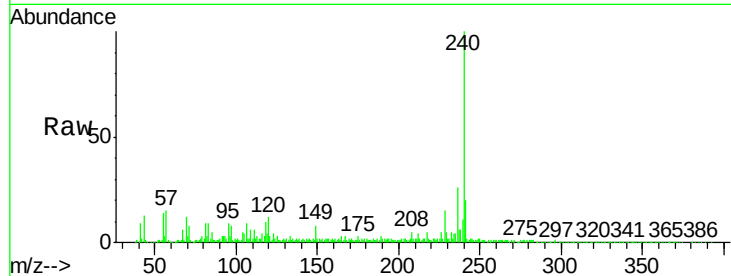
Tgt Ion:240 Resp: 303719

Ion Ratio Lower Upper

240 100

120 12.0 12.9 19.3#

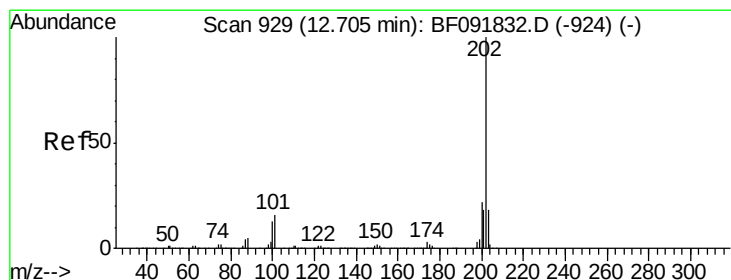
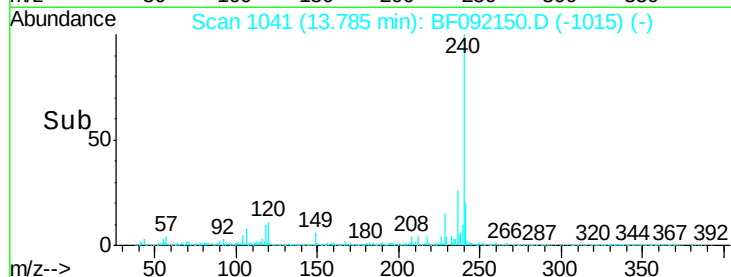
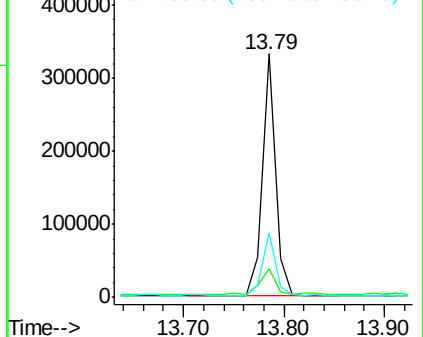
236 26.2 20.9 31.3



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: 19.98 ng

RT: 12.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

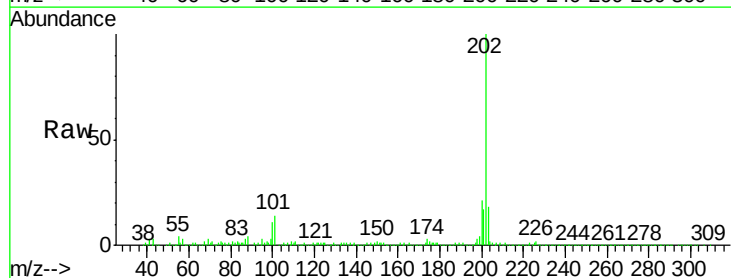
Tgt Ion:202 Resp: 445267

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

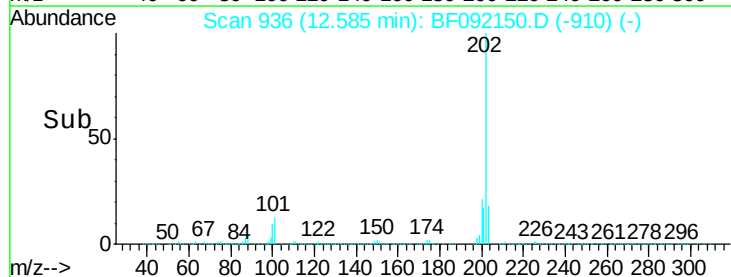
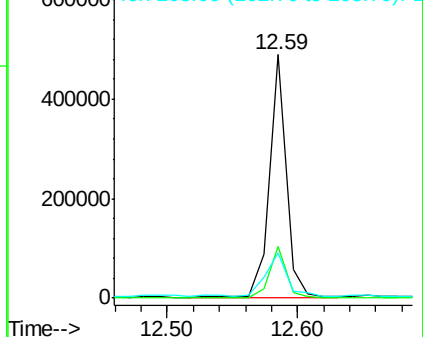
203 18.4 14.7 22.1

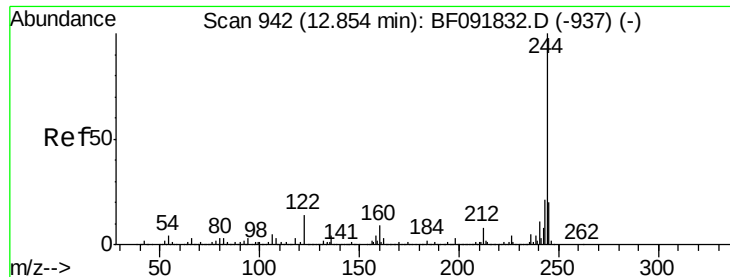


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.26 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

P3-SP5

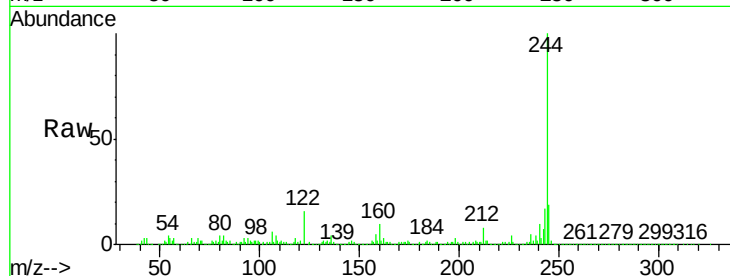
Tgt Ion:244 Resp: 867316

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

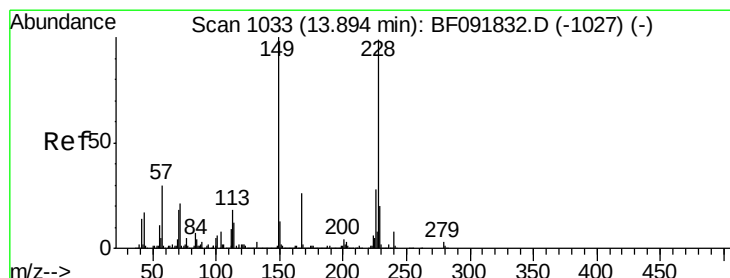
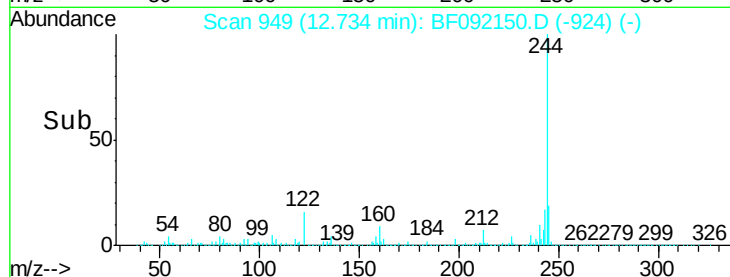
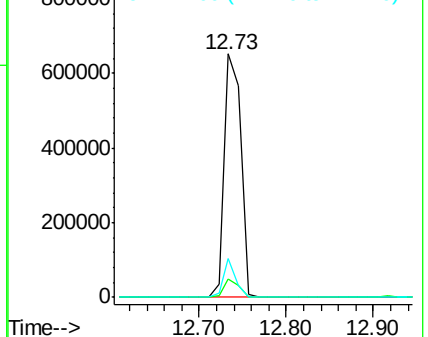
122 15.9 11.4 17.2



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: 11.36 ng

RT: 13.77 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

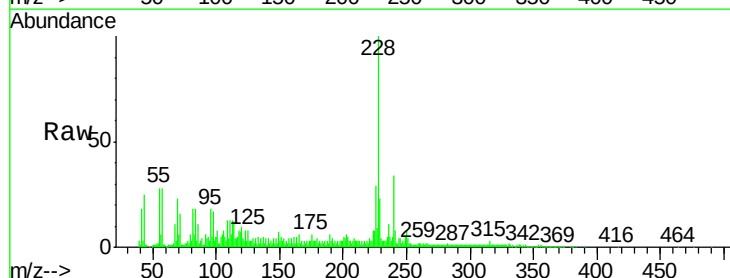
Tgt Ion:228 Resp: 194823

Ion Ratio Lower Upper

228 100

226 29.2 22.4 33.6

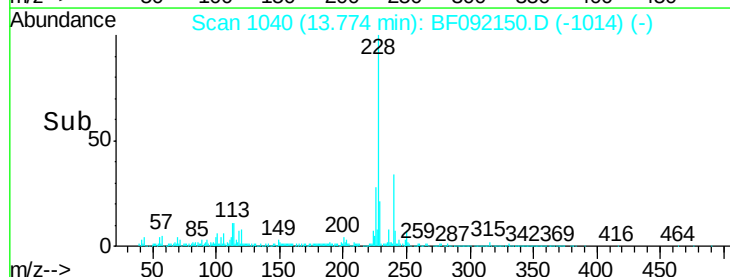
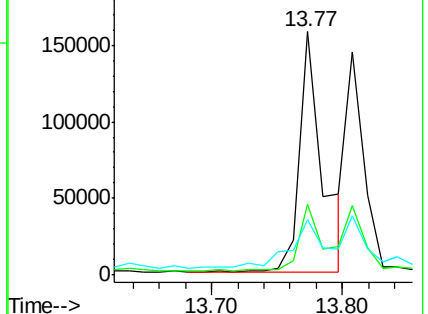
229 23.0 16.2 24.4

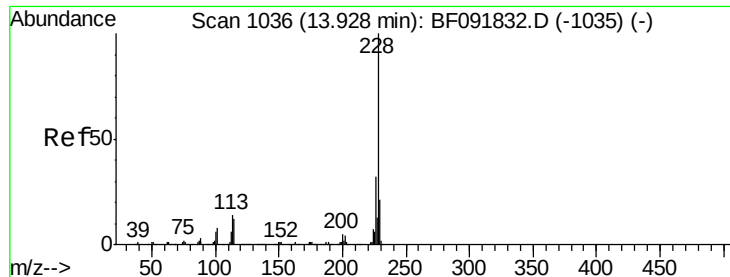


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 11.33 ng

RT: 13.77 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

P3-SP5

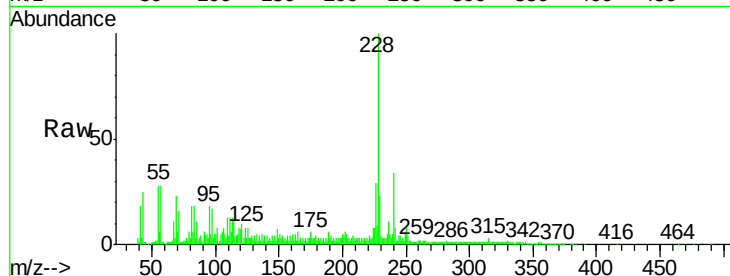
Tgt Ion:228 Resp: 194823

Ion Ratio Lower Upper

228 100

226 29.2 25.4 38.0

229 23.0 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

200000

150000

100000

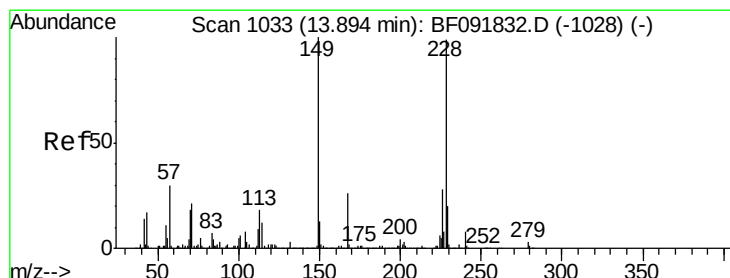
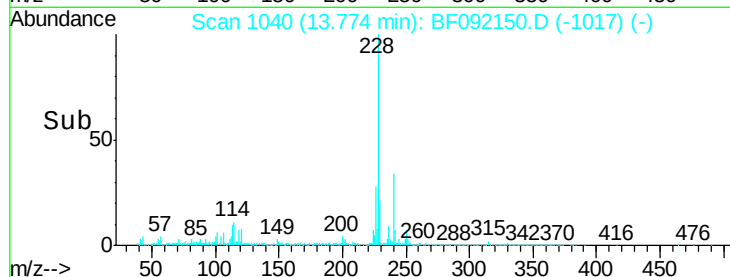
50000

0

13.77

13.80

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.12 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

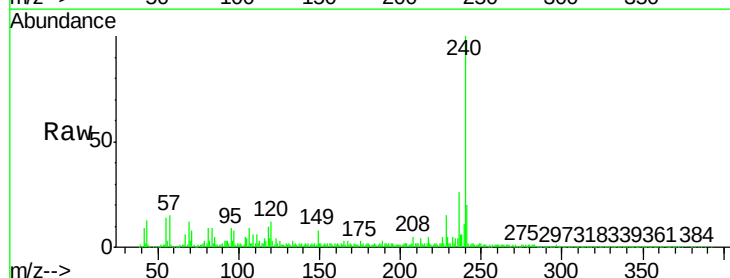
Tgt Ion:149 Resp: 25315

Ion Ratio Lower Upper

149 100

167 39.9 20.2 30.4#

279 8.3 1.8 2.8#



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

30000

20000

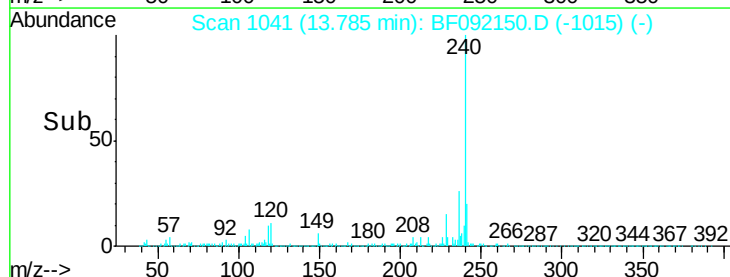
10000

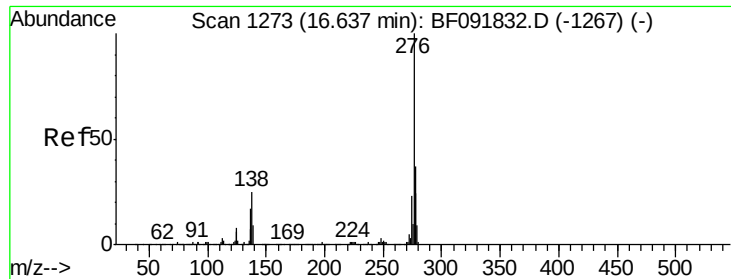
0

13.79

13.85

Time-->

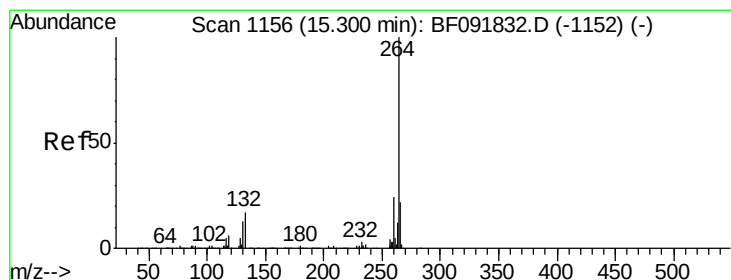
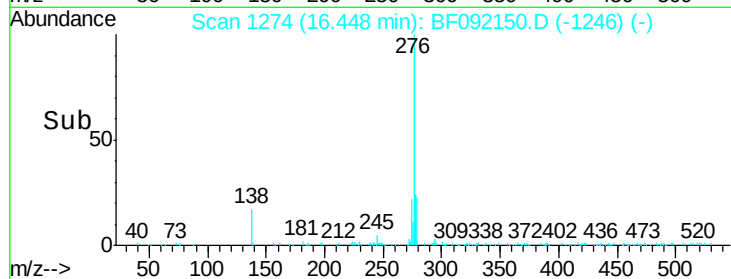
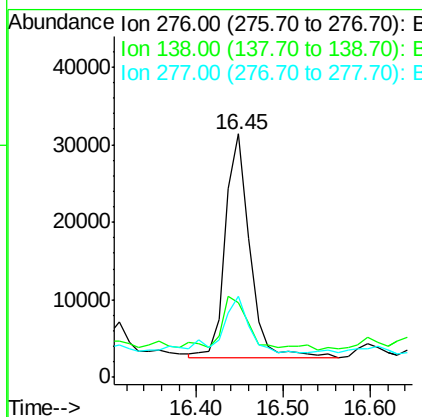
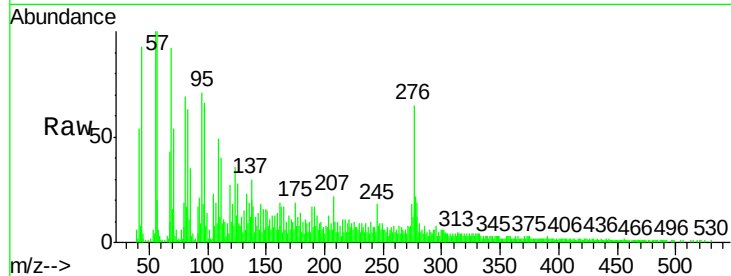




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.75 ng
 RT: 16.45 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BF092150.D
 Acq: 9 Jan 2017 21:02

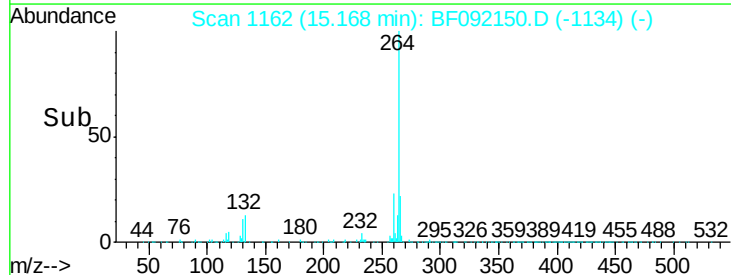
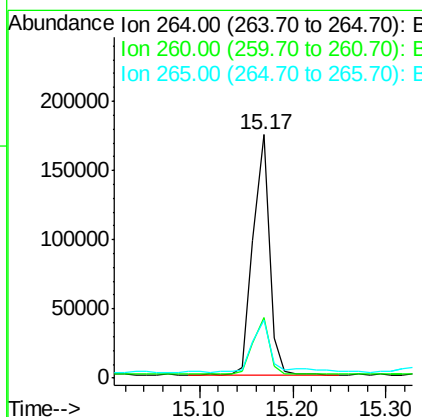
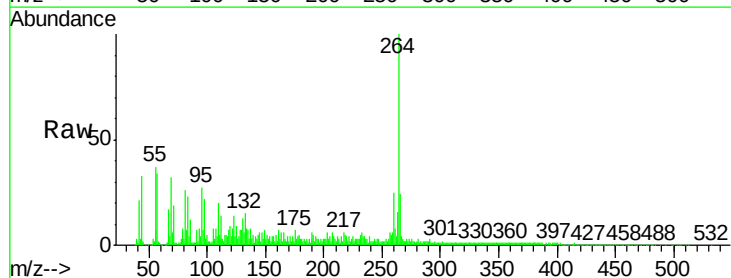
Instrument :
 BNA_F
 ClientSampleId :
 P3-SP5

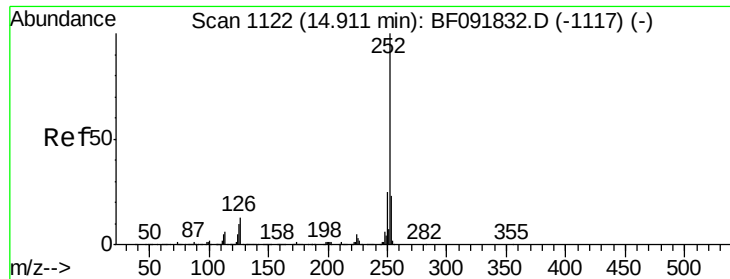
Tgt Ion:276 Resp: 55936
 Ion Ratio Lower Upper
 276 100
 138 23.3 21.8 32.6
 277 33.4 20.2 30.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1162
 Delta R.T. 0.02 min
 Lab File: BF092150.D
 Acq: 9 Jan 2017 21:02

Tgt Ion:264 Resp: 212987
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 24.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 14.47 ng

RT: 14.79 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

P3-SP5

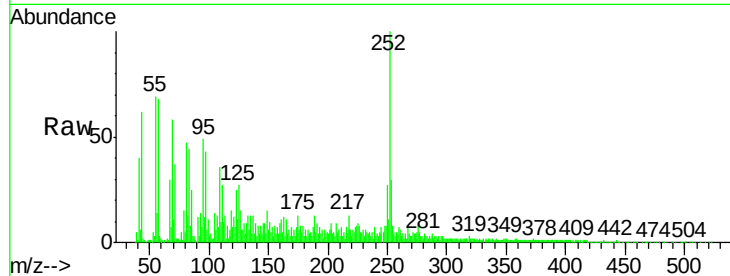
Tgt Ion:252 Resp: 191836

Ion Ratio Lower Upper

252 100

253 29.5 18.2 27.4#

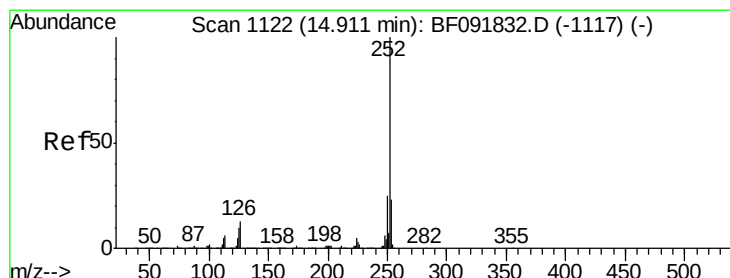
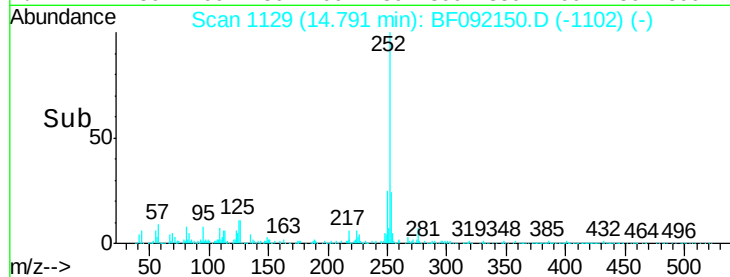
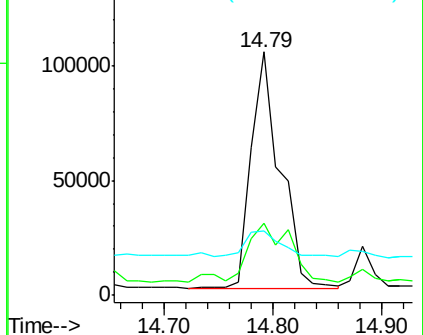
125 26.5 9.8 14.6#



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: 16.97 ng

RT: 14.79 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

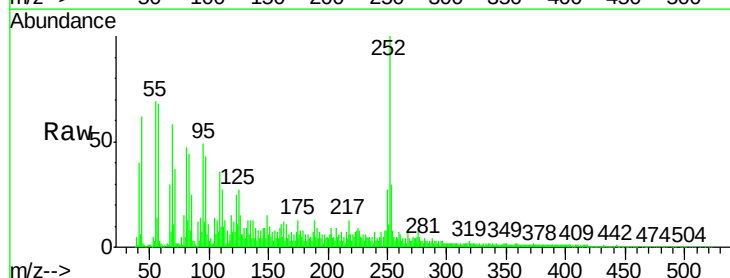
Tgt Ion:252 Resp: 191836

Ion Ratio Lower Upper

252 100

253 29.5 18.5 27.7#

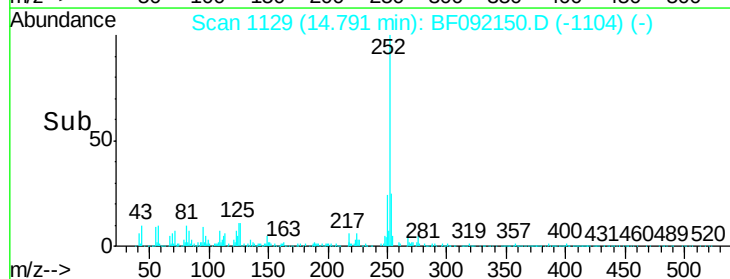
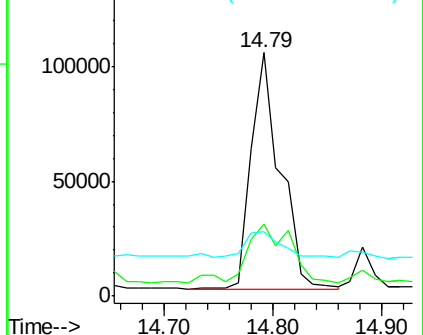
125 26.5 8.9 13.3#

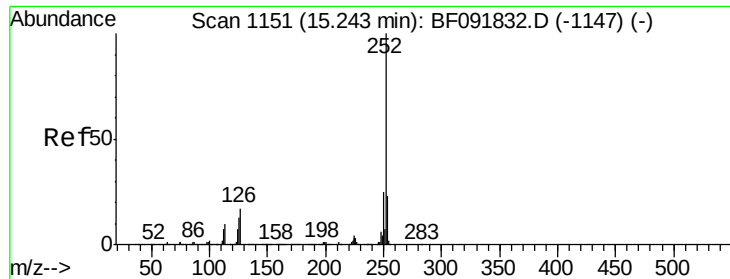


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 8.04 ng

RT: 15.11 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

P3-SP5

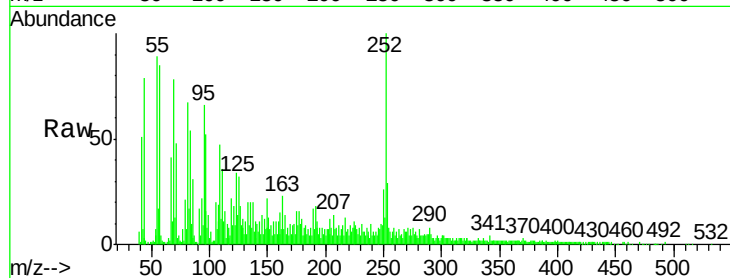
Tgt Ion:252 Resp: 94609

Ion Ratio Lower Upper

252 100

253 28.9 18.2 27.2#

125 31.8 10.0 15.0#

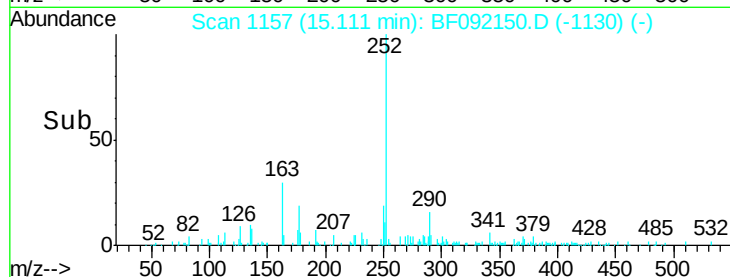


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time--> 15.05 15.10 15.15



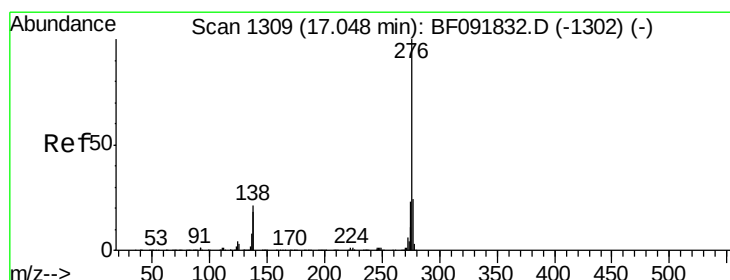
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time--> 15.05 15.10 15.15



#91

Benzo(g,h,i)perylene

Concen: 5.45 ng

RT: 16.84 min Scan# 1308

Delta R.T. 0.03 min

Lab File: BF092150.D

Acq: 9 Jan 2017 21:02

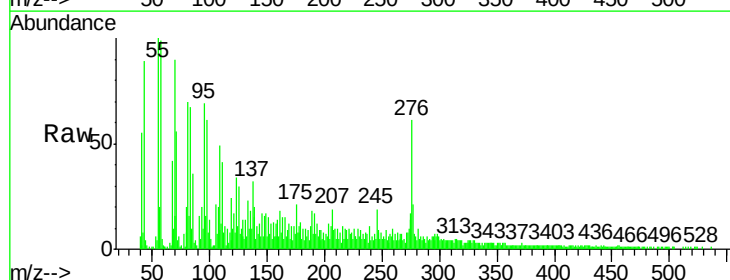
Tgt Ion:276 Resp: 54853

Ion Ratio Lower Upper

276 100

277 34.1 19.2 28.8#

138 32.8 16.0 24.0#

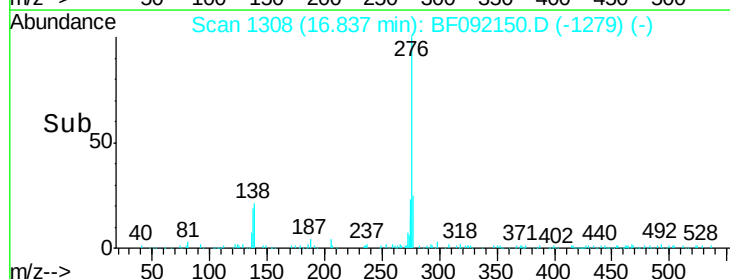


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

Time--> 16.70 16.80 16.90



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

Time--> 16.70 16.80 16.90