

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
 Data File : BF092190.D
 Acq On : 10 Jan 2017 18:59
 Operator : UM/SJ
 Sample : I1077-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Quant Time: Jan 11 00:18:01 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

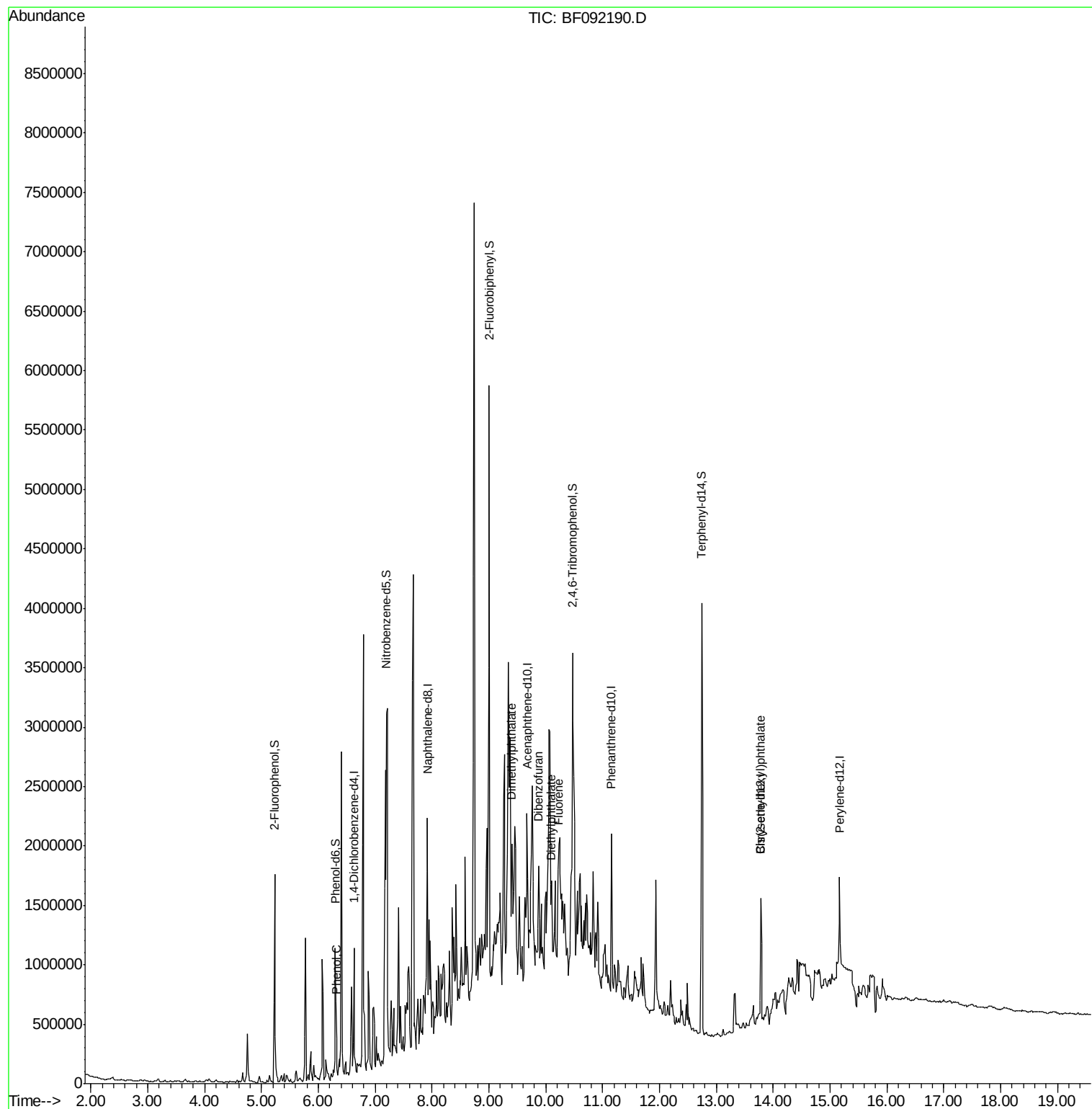
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	145291	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	603976	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	305600	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	491006	20.00	ng	0.00
75) Chrysene-d12	13.79	240	393226	20.00	ng	0.00
86) Perylene-d12	15.17	264	350437	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	598882	68.83	ng	0.00
7) Phenol-d6	6.30	99	484312	45.59	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1025955	94.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	390470	154.39	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	2100193	150.79	ng	0.00
78) Terphenyl-d14	12.74	244	1556631	96.01	ng	0.00
Target Compounds						
10) Phenol	6.32	94	28180	2.33	ng	Qvalue 82
49) Dimethylphthalate	9.41	163	46409	2.37	ng	# 73
54) Dibenzofuran	9.88	168	120790	5.18	ng	# 82
57) Fluorene	10.22	166	94333	5.56	ng	# 91
59) Diethylphthalate	10.09	149	70541	3.72	ng	# 59
83) Bis(2-ethylhexyl)phthalate	13.79	149	54606	3.53	ng	# 92

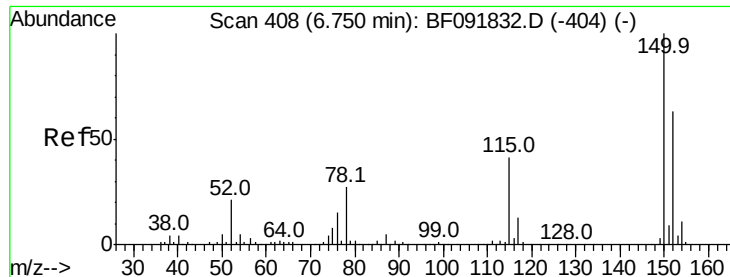
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampleId :

W-03

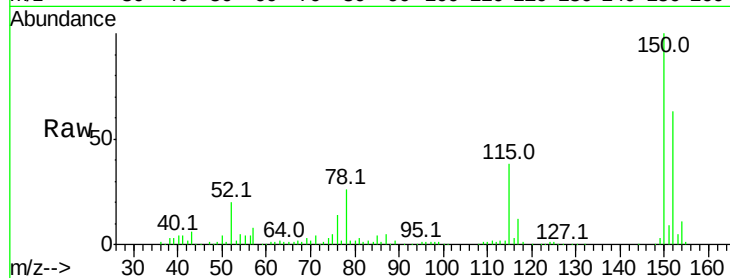
Tot Ion:152 Resp: 145291

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

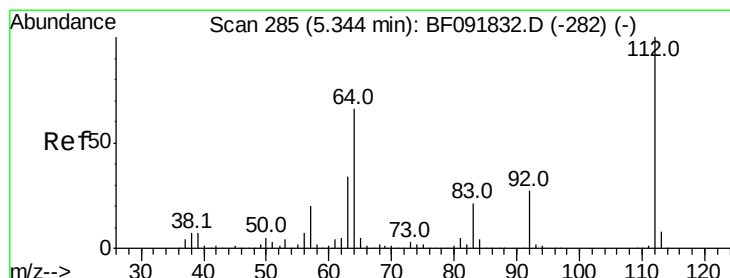
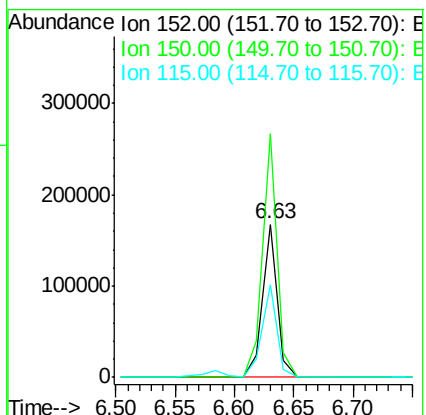
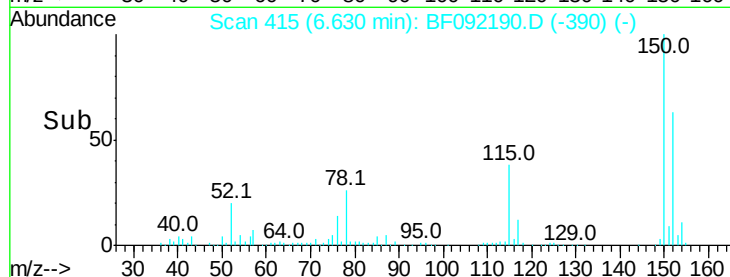
115 60.7 46.0 69.0



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: 68.83 ng

RT: 5.24 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

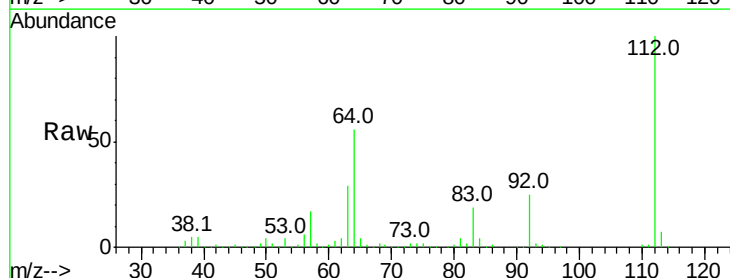
Tgt Ion:112 Resp: 598882

Ion Ratio Lower Upper

112 100

64 56.4 46.1 69.1

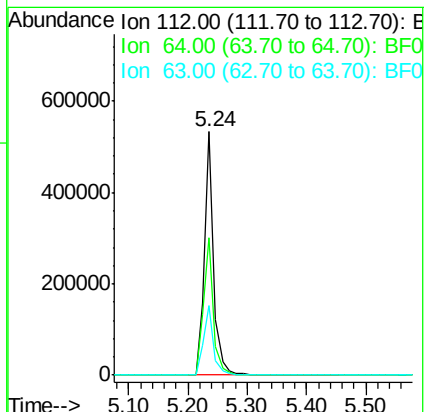
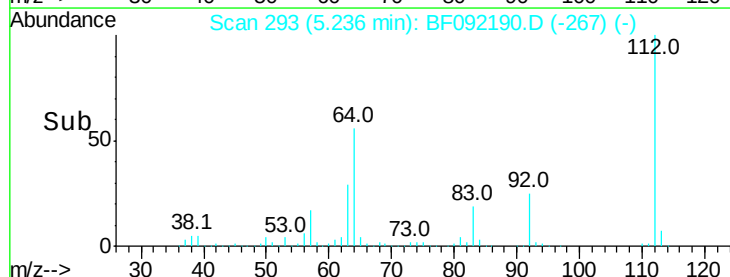
63 28.8 23.8 35.6

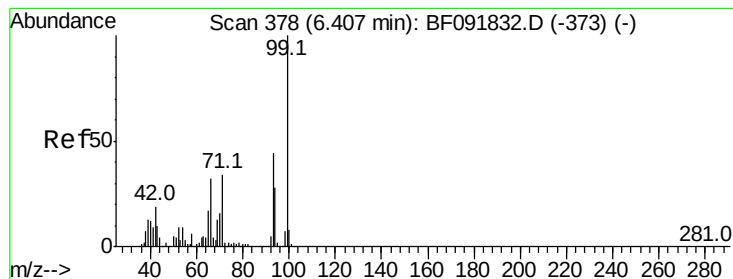


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.59 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampled :

W-03

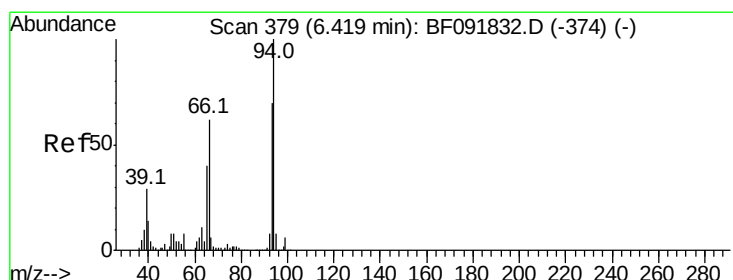
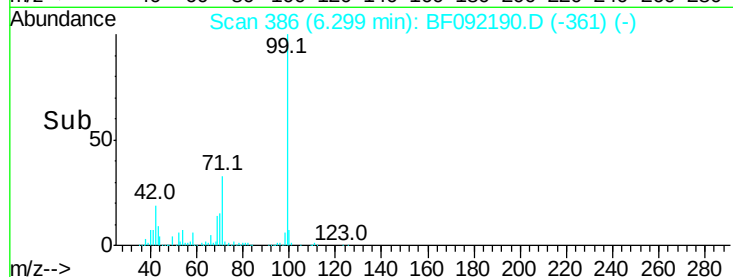
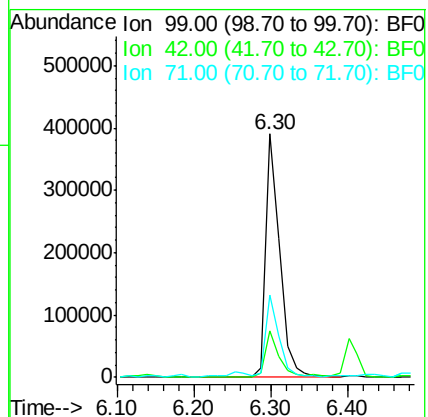
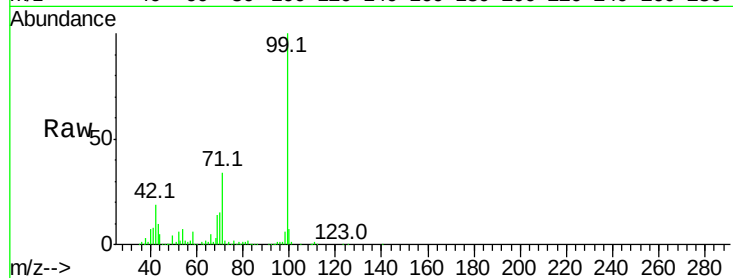
Tot Ion: 99 Resp: 484312

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 33.6 27.5 41.3



#10

Phenol

Concen: 2.33 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

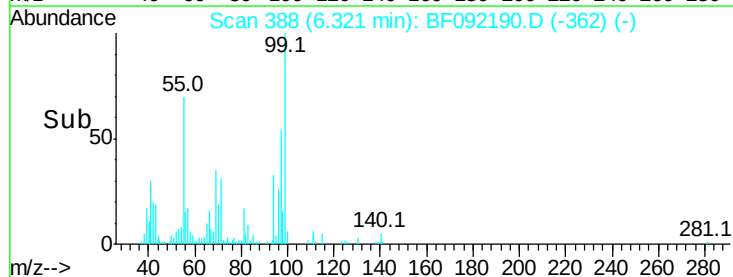
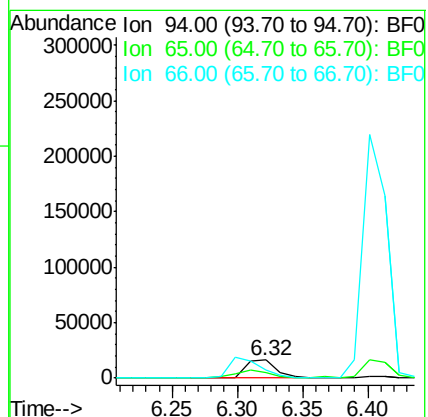
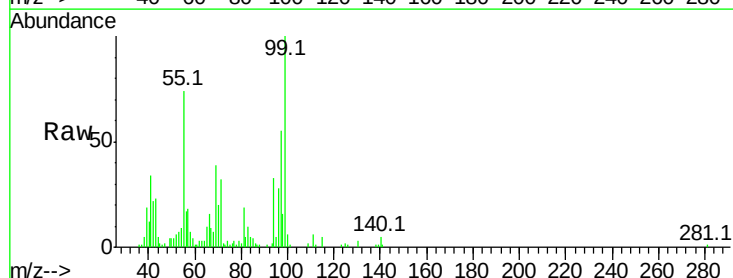
Tgt Ion: 94 Resp: 28180

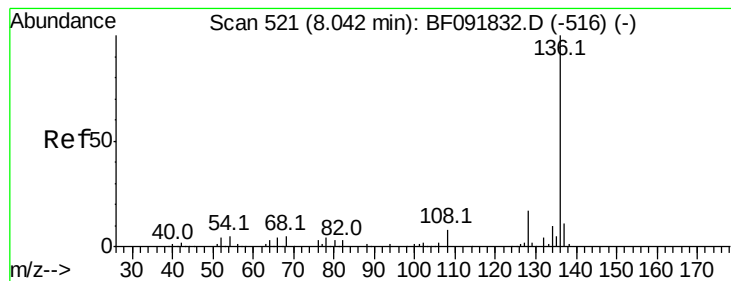
Ion Ratio Lower Upper

94 100

65 31.9 21.4 61.4

66 48.2 44.0 84.0

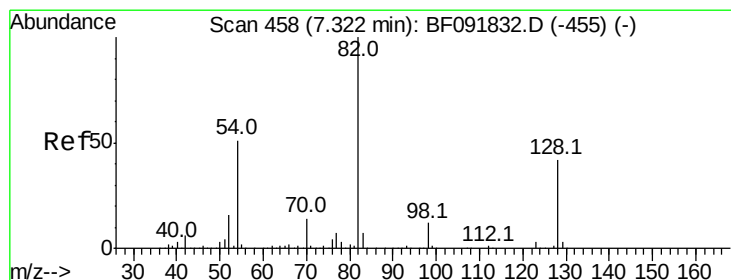
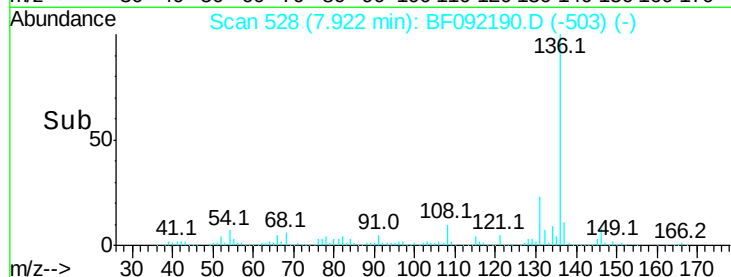
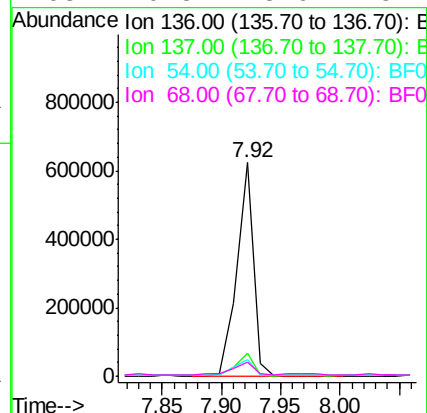
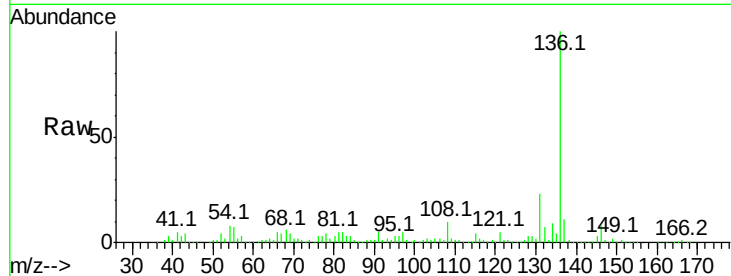




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092190.D
Acq: 10 Jan 2017 18:59

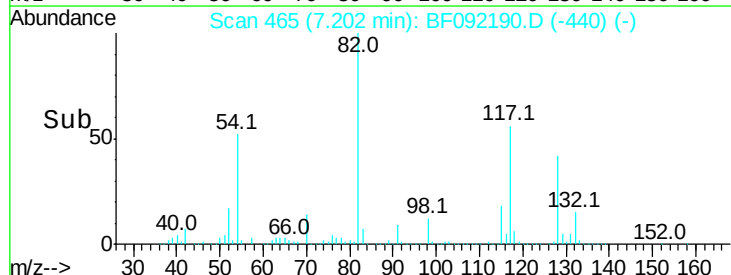
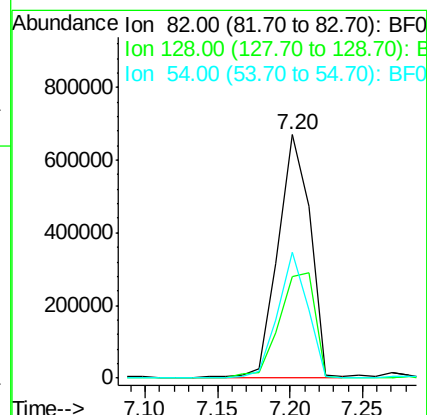
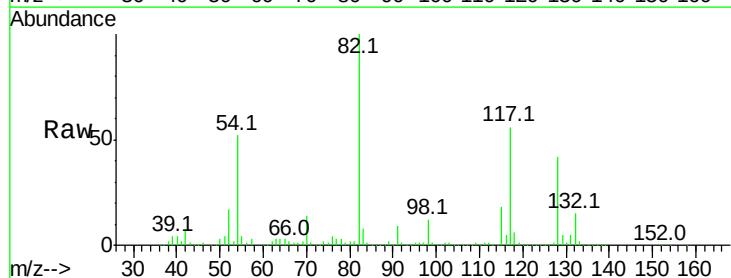
Instrument :
BNA_F
ClientSampleId :
W-03

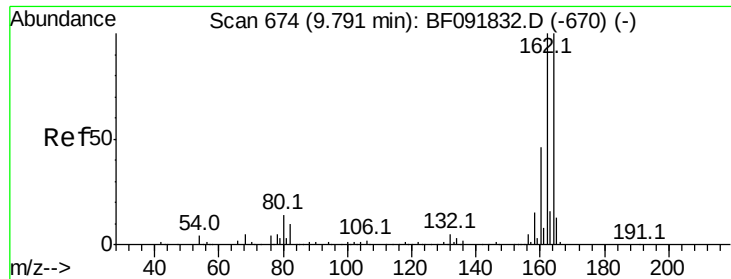
Tot Ion:136	Resp:	603976
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.4 12.6
54	7.7	4.5 6.7#
68	6.3	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 94.46 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092190.D
Acq: 10 Jan 2017 18:59

Tgt Ion: 82	Resp:	1025955
Ion	Ratio	Lower Upper
82	100	
128	41.9	34.6 52.0
54	51.8	39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampleId :

W-03

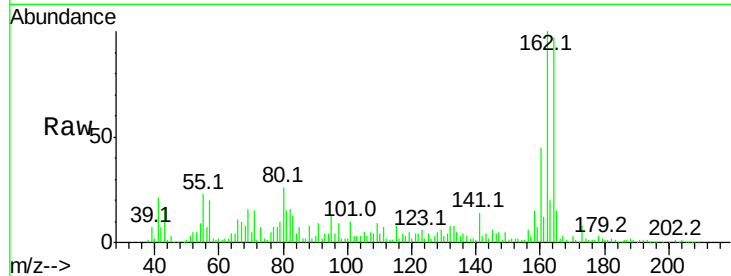
Tot Ion:164 Resp: 305600

Ion Ratio Lower Upper

164 100

162 103.1 80.2 120.2

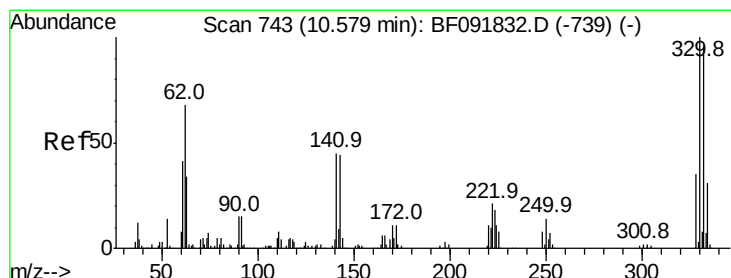
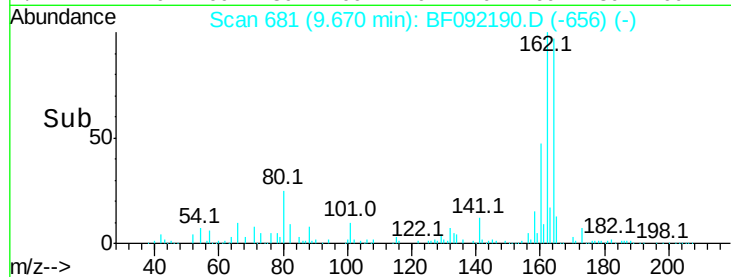
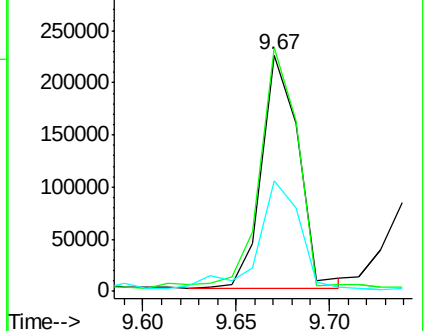
160 46.7 36.9 55.3



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: 154.39 ng

RT: 10.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

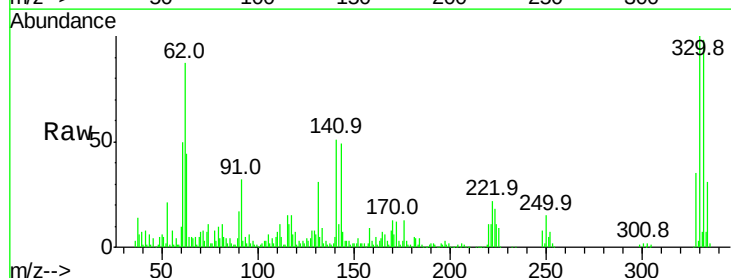
Tgt Ion:330 Resp: 390470

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

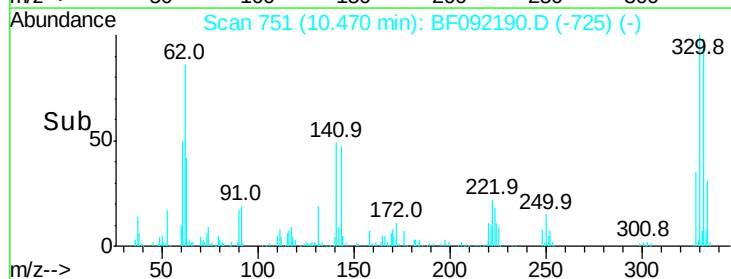
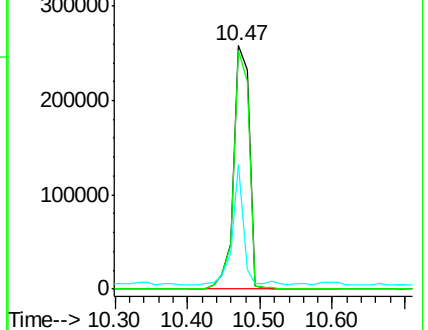
141 35.0 34.1 51.1

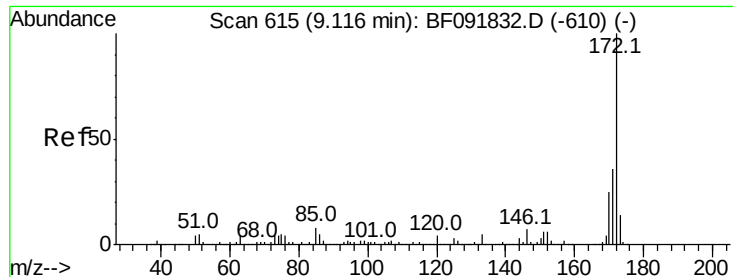


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 150.79 ng

RT: 9.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampleId :

W-03

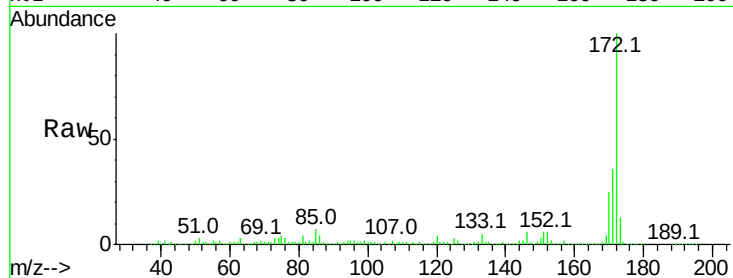
Tot Ion:172 Resp: 2100193

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

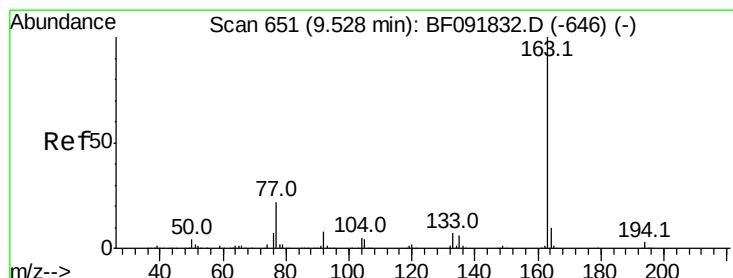
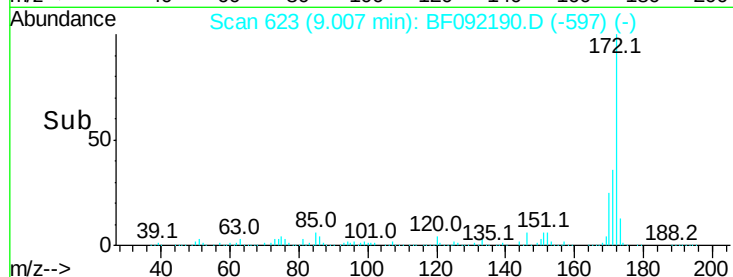
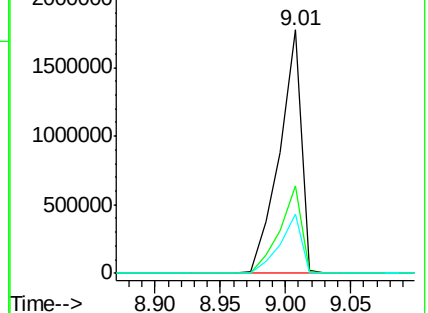
170 24.6 20.2 30.4



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: 2.37 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

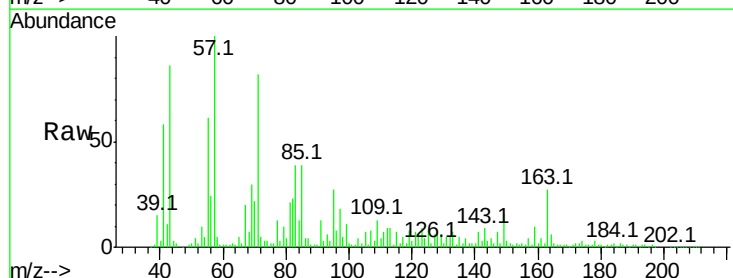
Tgt Ion:163 Resp: 46409

Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.4#

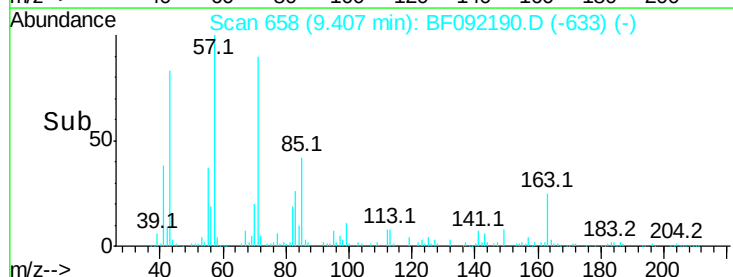
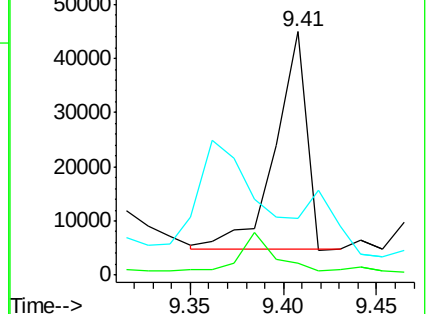
164 23.1 8.0 12.0#

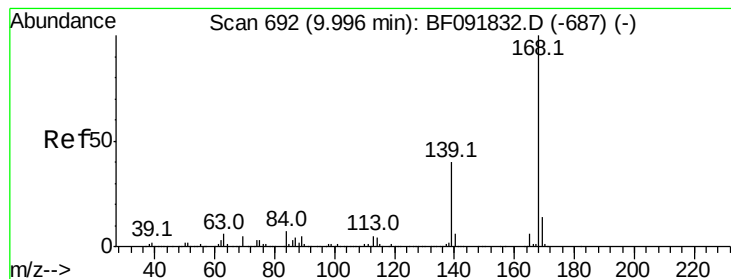


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54

Dibenzofuran

Concen: 5.18 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampleId :

W-03

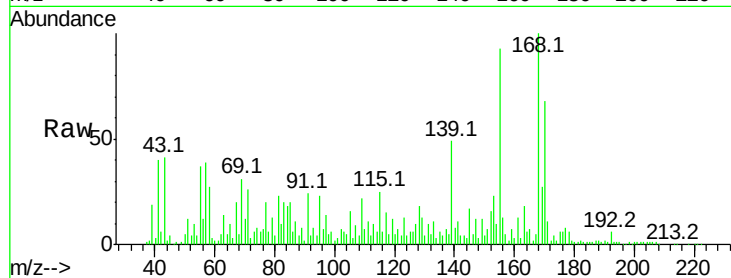
Tot Ion:168 Resp: 120790

Ion Ratio Lower Upper

168 100

139 49.3 32.6 49.0#

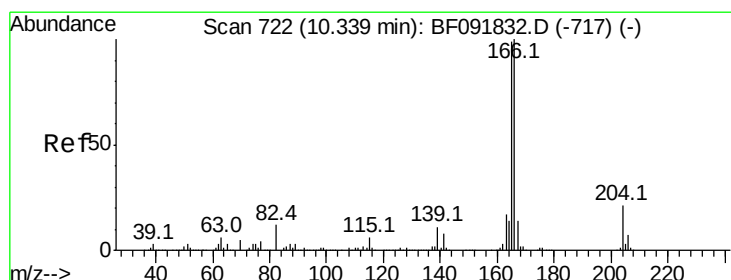
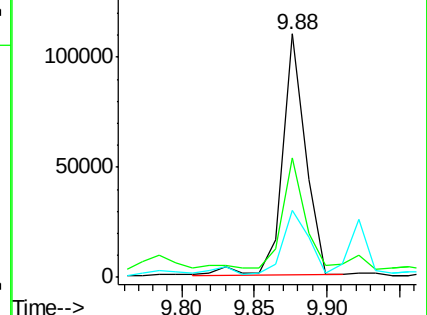
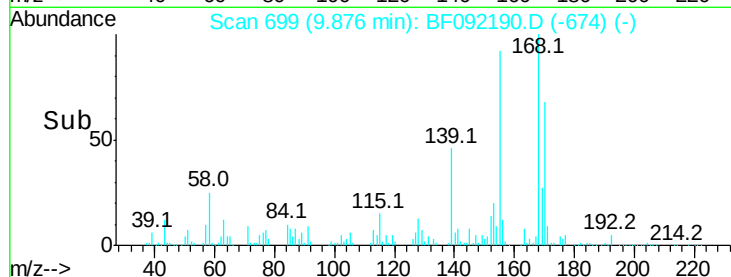
169 27.3 11.3 16.9#



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



#57

Fluorene

Concen: 5.56 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

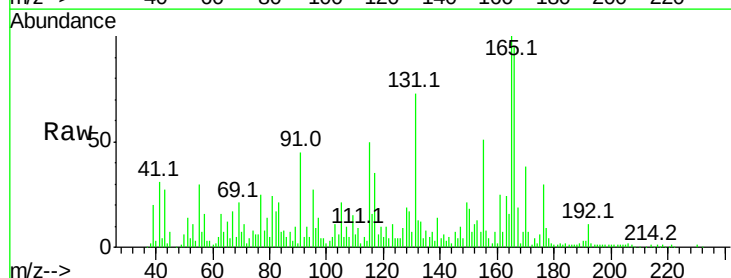
Tgt Ion:166 Resp: 94333

Ion Ratio Lower Upper

166 100

165 104.9 77.8 116.8

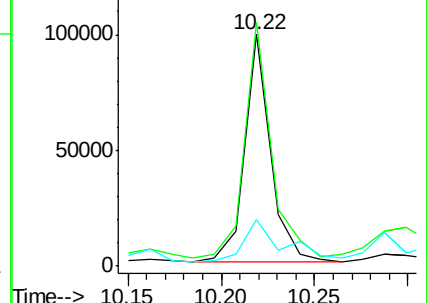
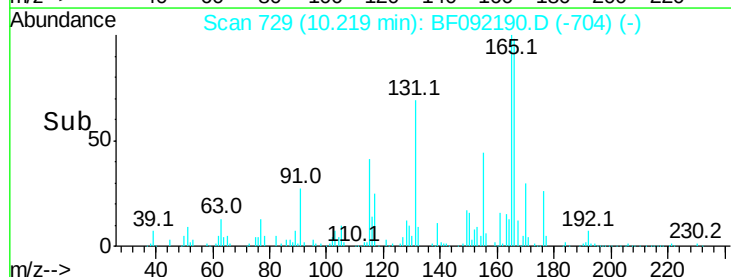
167 20.0 10.8 16.2#

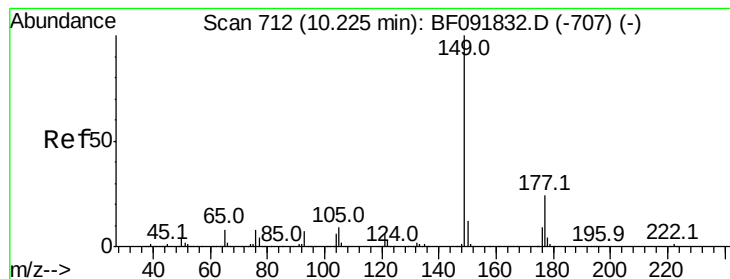


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 3.72 ng

RT: 10.09 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampleId :

W-03

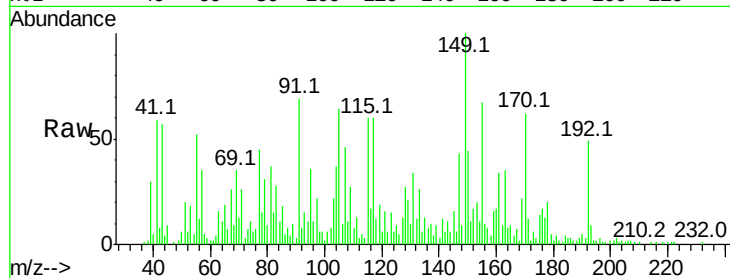
Tot Ion:149 Resp: 70541

Ion Ratio Lower Upper

149 100

177 12.9 16.6 25.0#

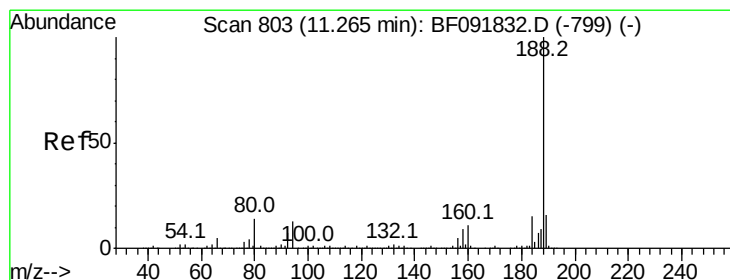
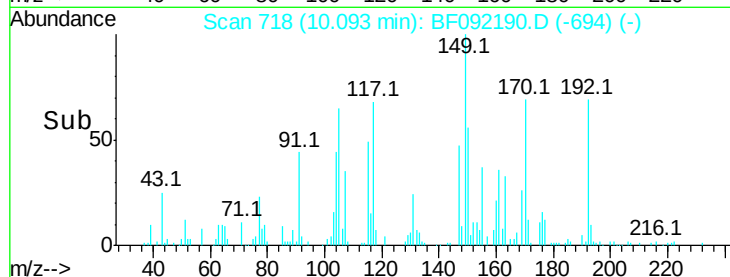
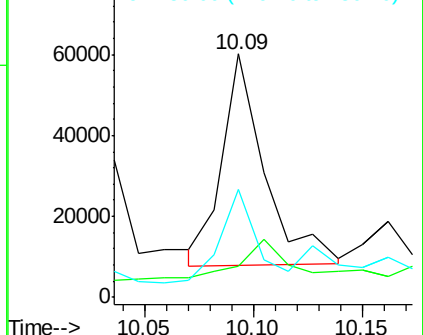
150 44.3 10.4 15.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

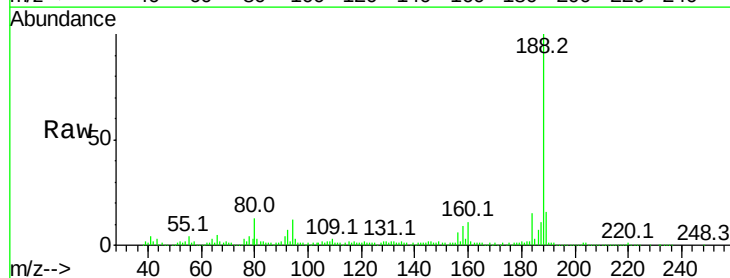
Tgt Ion:188 Resp: 491006

Ion Ratio Lower Upper

188 100

94 12.0 10.0 15.0

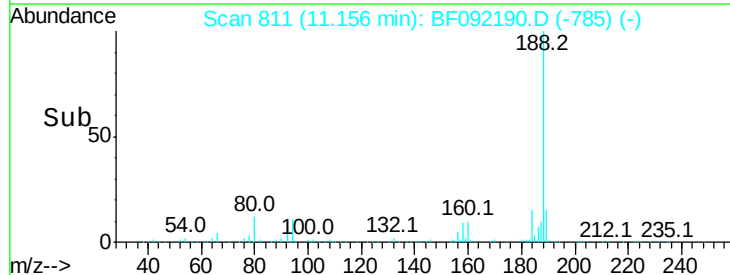
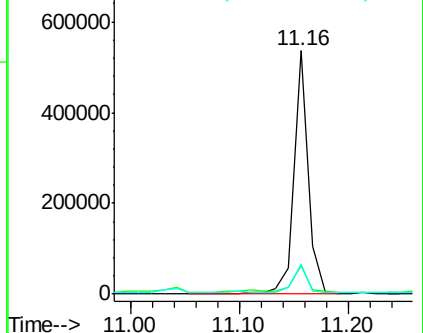
80 12.5 11.2 16.8

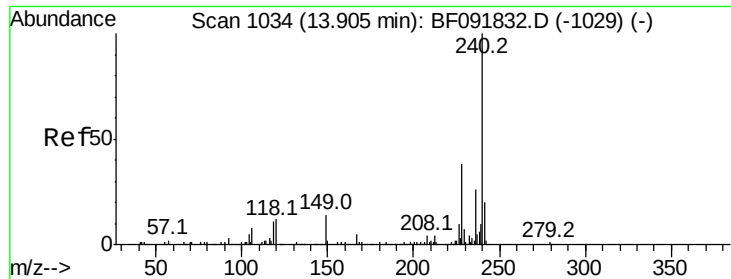


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampleId :

W-03

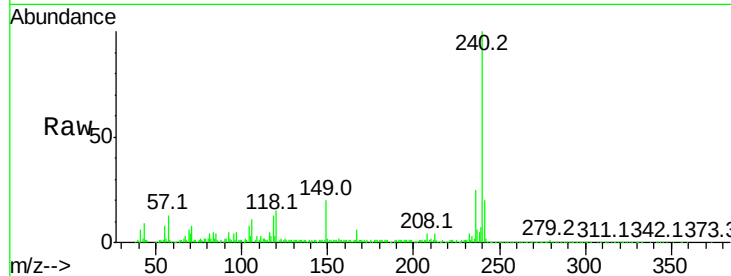
Tot Ion:240 Resp: 393226

Ion Ratio Lower Upper

240 100

120 15.4 12.9 19.3

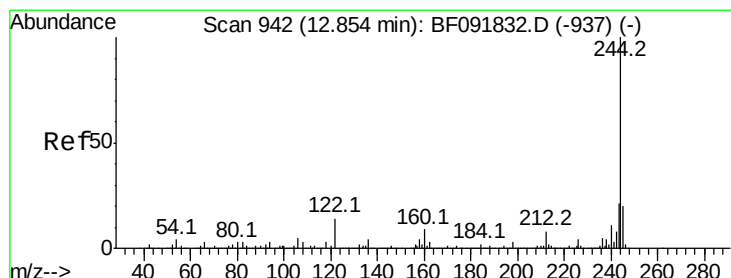
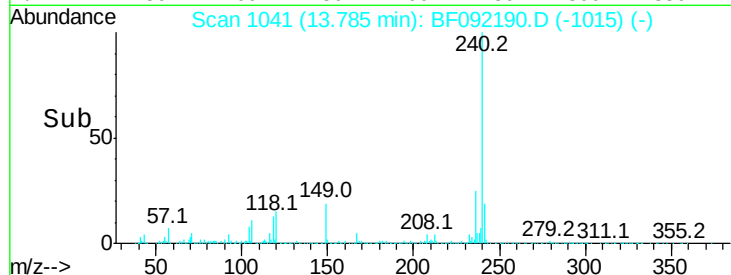
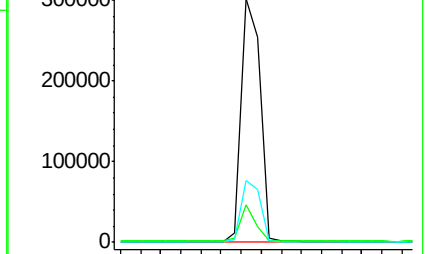
236 25.2 20.9 31.3



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



#78

Terphenyl-d14

Concen: 96.01 ng

RT: 12.74 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

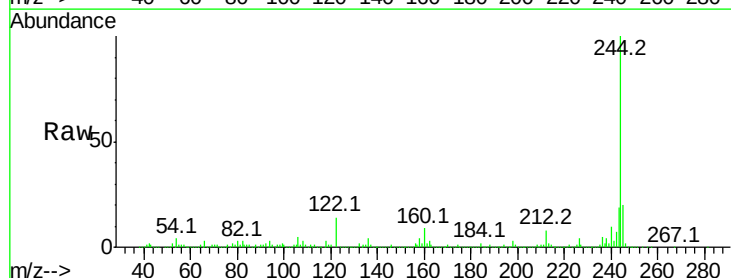
Tgt Ion:244 Resp: 1556631

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

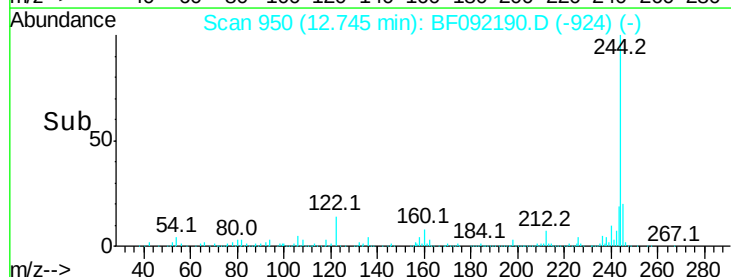
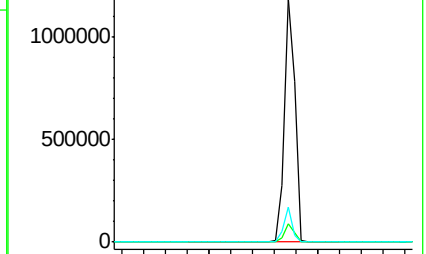
122 14.3 11.4 17.2

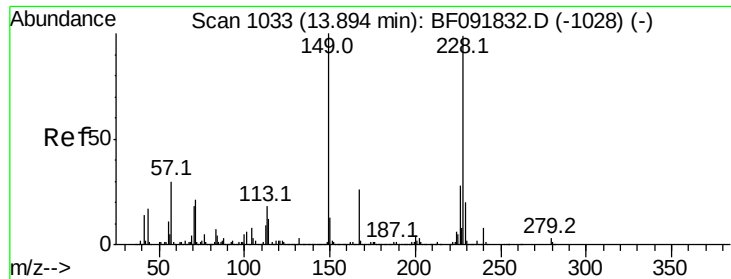


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.53 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

Instrument :

BNA_F

ClientSampleId :

W-03

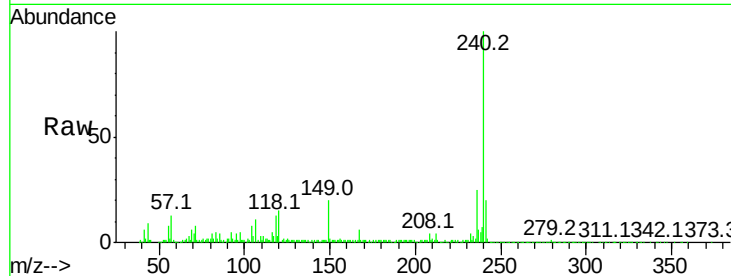
Tot Ion:149 Resp: 54606

Ion Ratio Lower Upper

149 100

167 29.5 20.2 30.4

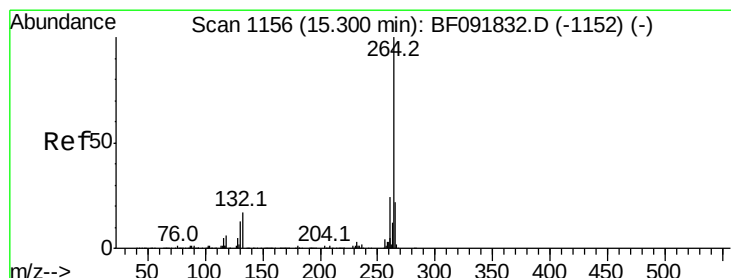
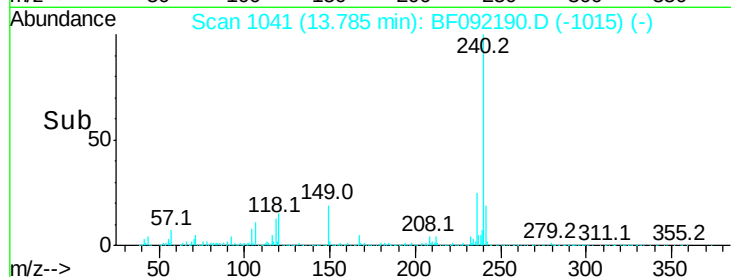
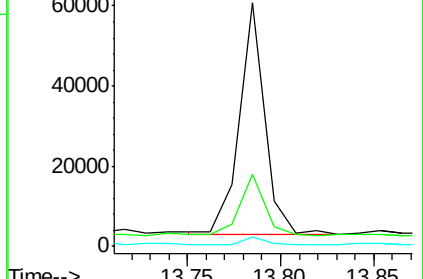
279 3.7 1.8 2.8#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1162

Delta R.T. 0.02 min

Lab File: BF092190.D

Acq: 10 Jan 2017 18:59

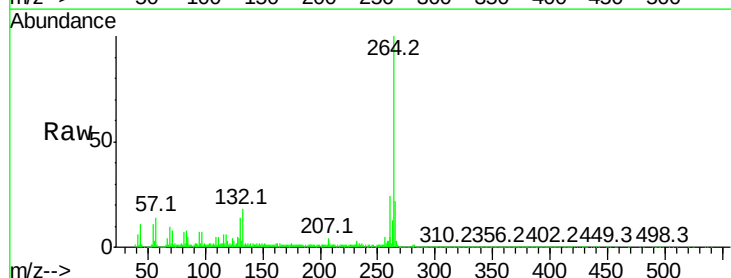
Tgt Ion:264 Resp: 350437

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.8 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

