

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092127.D
 Acq On : 6 Jan 2017 19:59
 Operator : UM/SJ
 Sample : I1045-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1

Quant Time: Jan 06 22:15:44 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	6.64	152	159216	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	579223	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	239029	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	359349	20.00	ng	0.00
75) Chrysene-d12	13.79	240	353047	20.00	ng	0.00
86) Perylene-d12	15.16	264	298116	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	101074	10.60	ng	0.02
7) Phenol-d6	6.32	99	198466	17.05	ng	0.01
23) Nitrobenzene-d5	7.20	82	110229	10.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	11080	5.60	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	194790	4.48	ng	0.00
78) Terphenyl-d14	12.73	244	154458	10.61	ng	-0.01

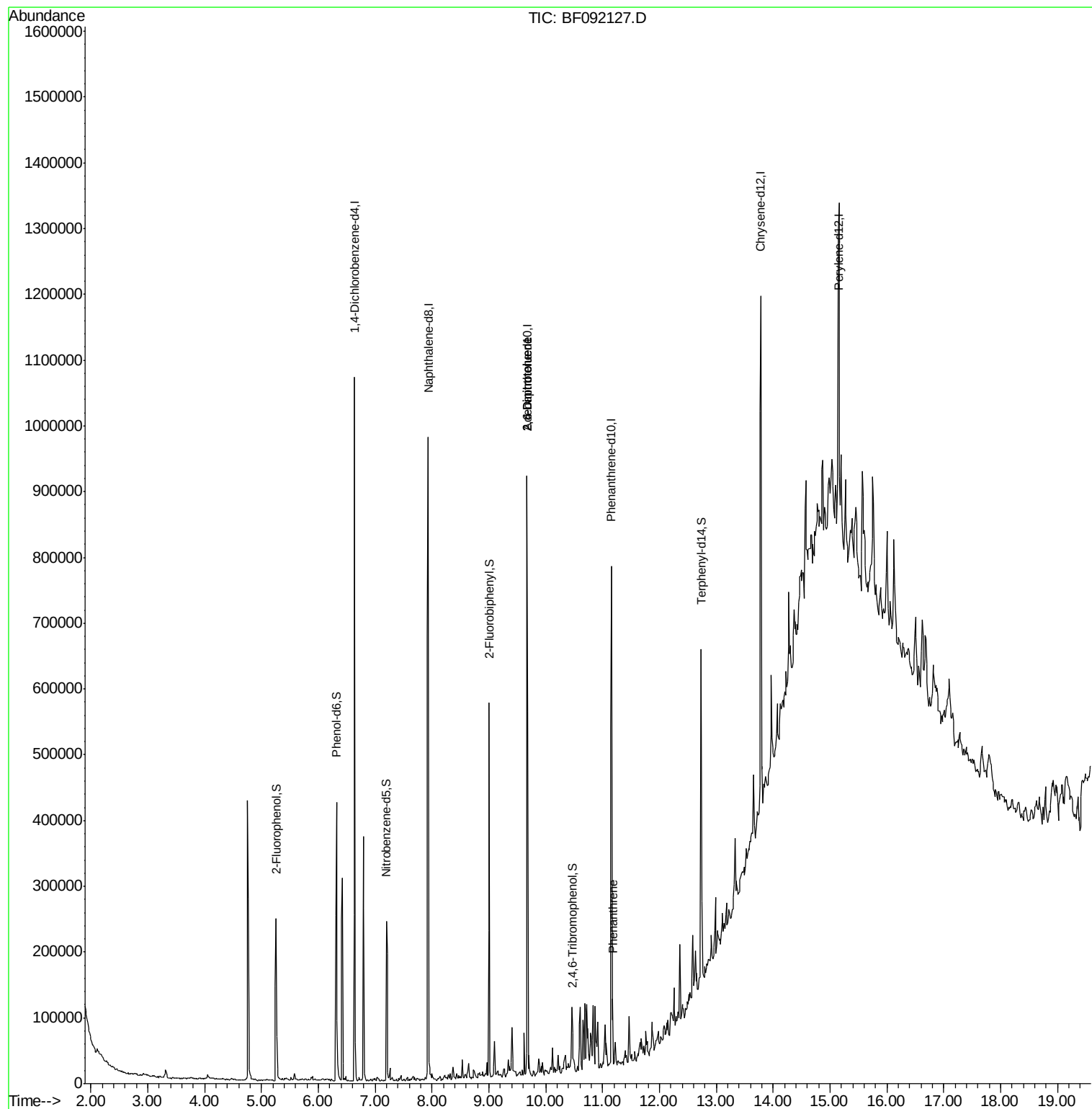
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.20	77	744	Below Cal		85
37) 2-Methylnaphthalene	8.64	142	6832	Below Cal		93
50) 2,6-Dinitrotoluene	9.67	165	30884	9.23 ng	#	31
56) 2,4-Dinitrotoluene	9.67	165	30884	7.35 ng	#	20
70) Phenanthrene	11.18	178	44367	2.28 ng		97
71) Anthracene	11.22	178	10418	Below Cal		97
73) Di-n-butylphthalate	11.73	149	4716	Below Cal	#	82
74) Fluoranthene	12.36	202	45761	Below Cal		98
76) Benzydine	12.49	184	437	Below Cal	#	1

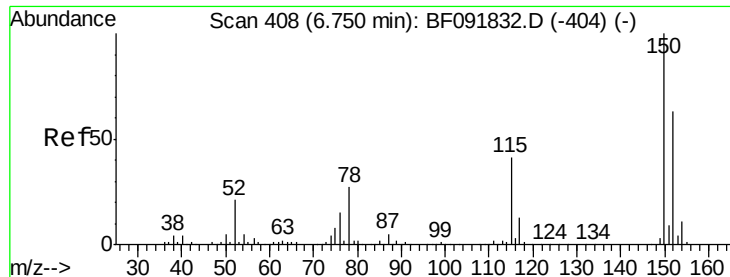
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

P3-SP1

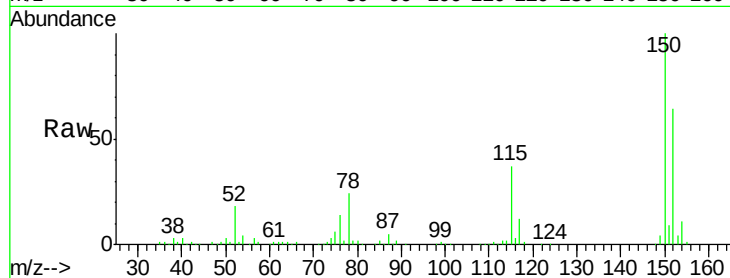
Tgt Ion:152 Resp: 159216

Ion Ratio Lower Upper

152 100

150 157.4 124.9 187.3

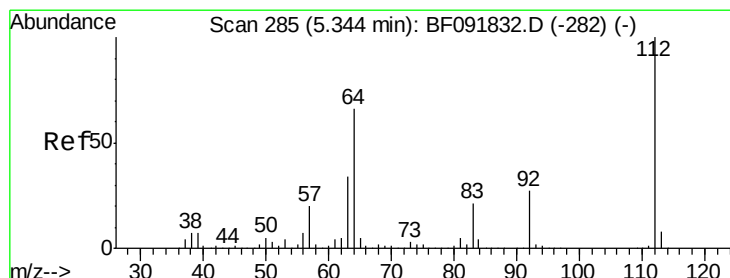
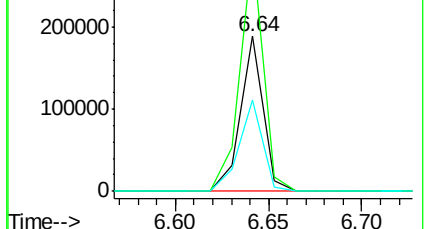
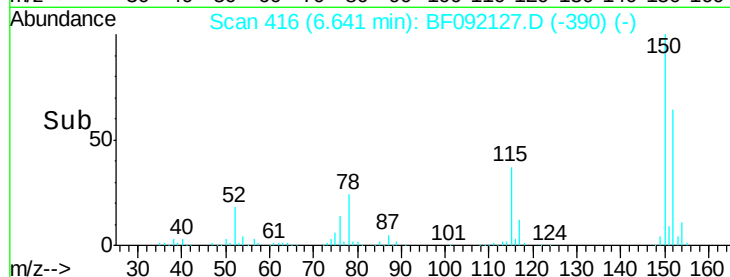
115 59.0 46.0 69.0



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: 10.60 ng

RT: 5.26 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

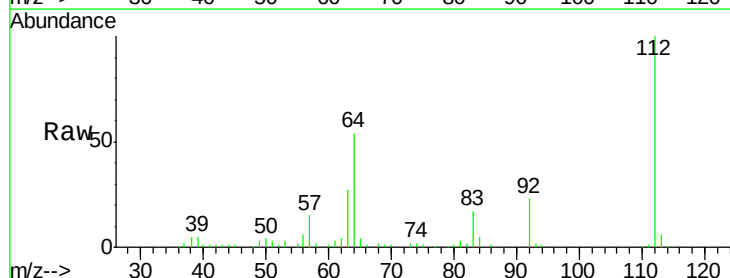
Tgt Ion:112 Resp: 101074

Ion Ratio Lower Upper

112 100

64 53.9 46.1 69.1

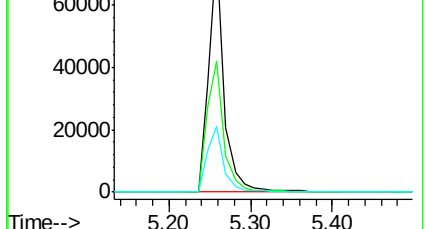
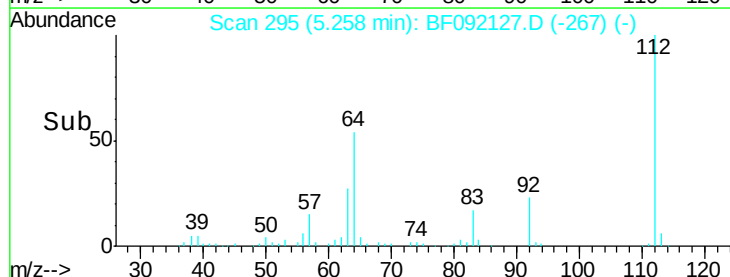
63 26.7 23.8 35.6

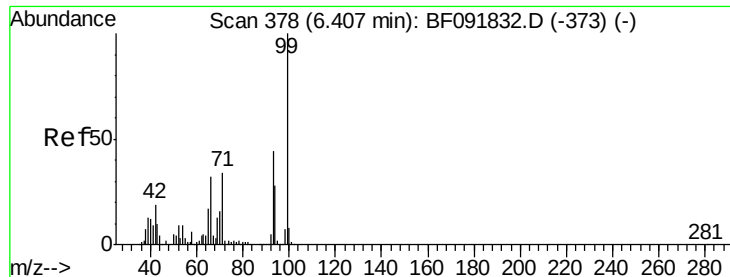


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.05 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

P3-SP1

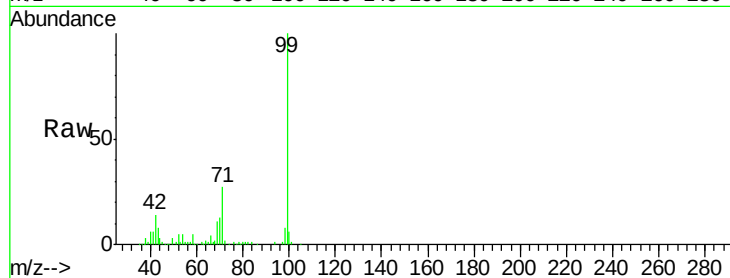
Tgt Ion: 99 Resp: 198466

Ion Ratio Lower Upper

99 100

42 14.5 15.6 23.4#

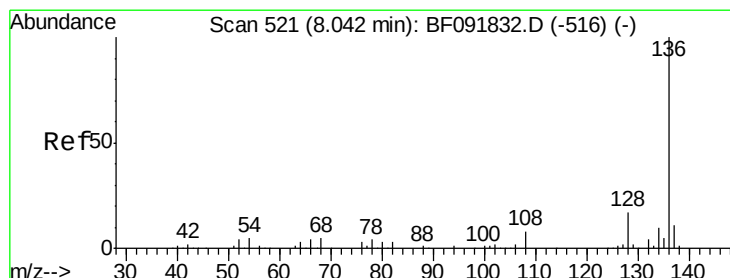
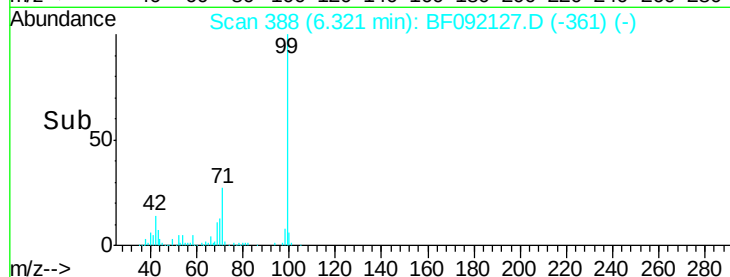
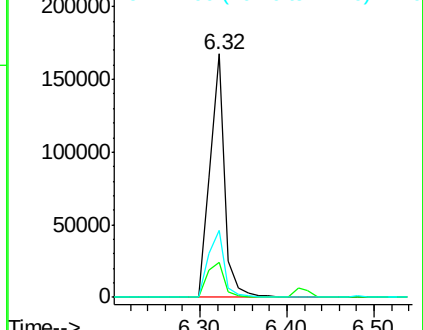
71 27.3 27.5 41.3#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Tgt Ion: 136 Resp: 579223

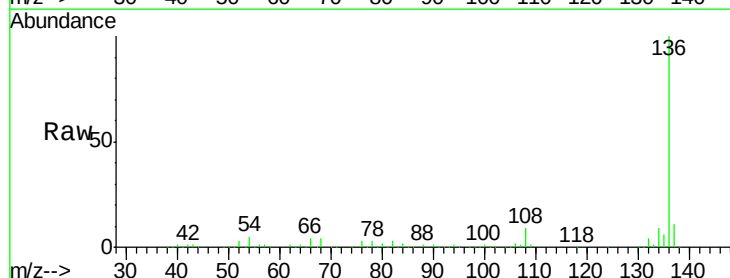
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 5.2 4.5 6.7

68 4.4 3.6 5.4

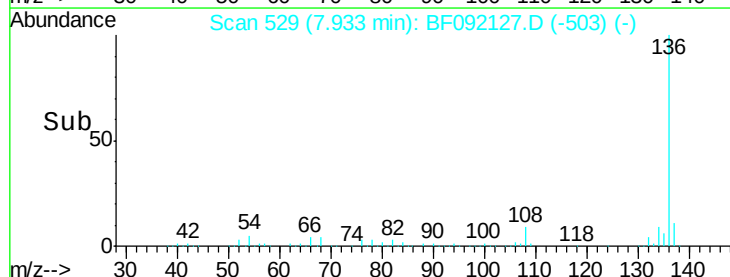
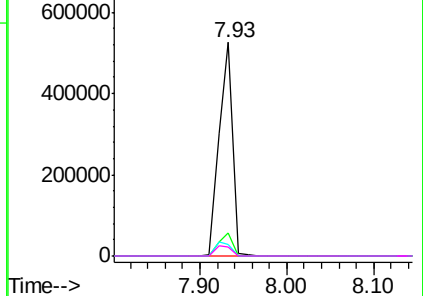


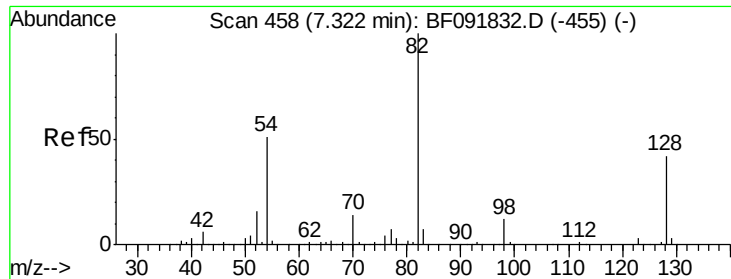
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

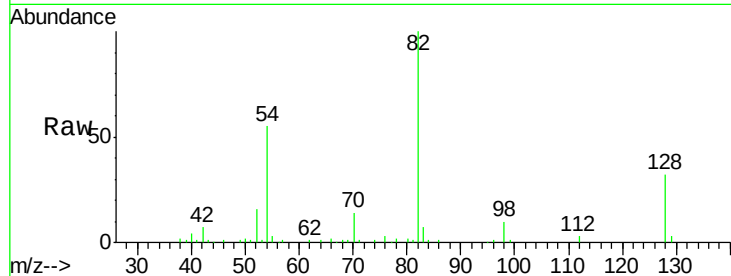




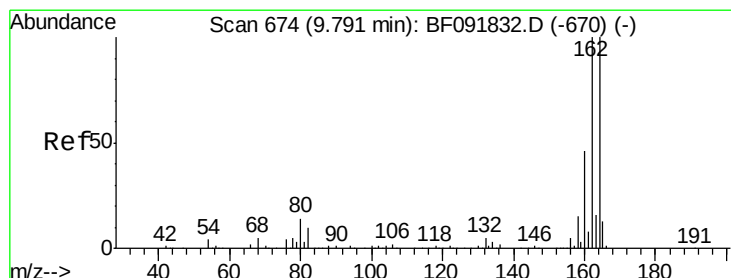
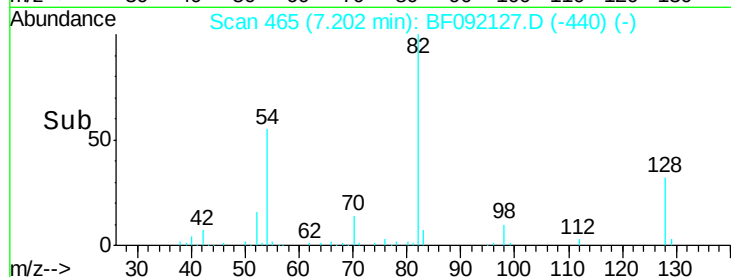
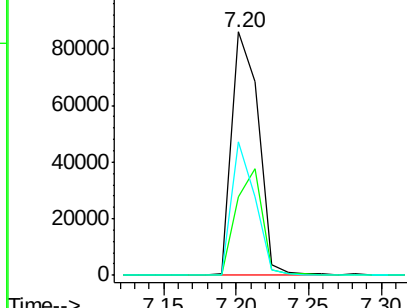
#23
 Nitrobenzene-d5
 Concen: 10.58 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF092127.D
 Acq: 6 Jan 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1

Tgt Ion: 82 Resp: 110229
 Ion Ratio Lower Upper
 82 100
 128 32.0 34.6 52.0#
 54 55.1 39.5 59.3

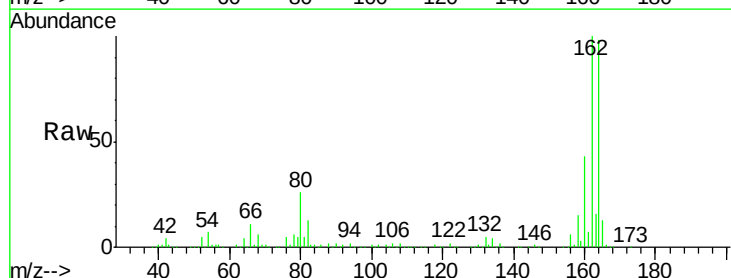


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

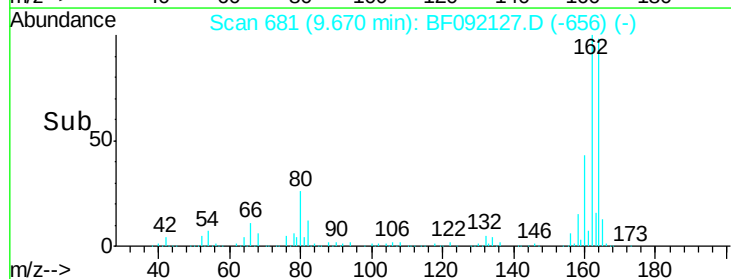
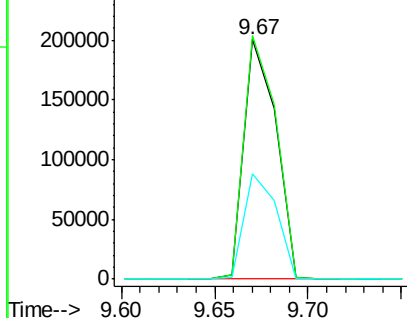


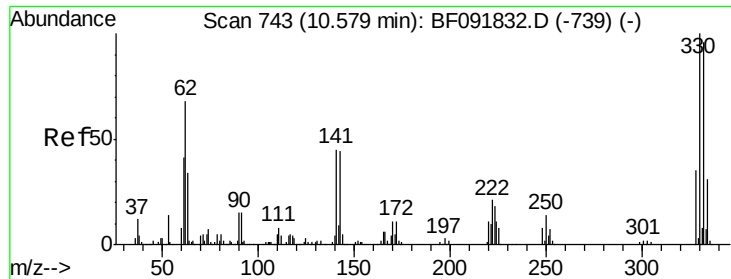
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092127.D
 Acq: 6 Jan 2017 19:59

Tgt Ion: 164 Resp: 239029
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.2 120.2
 160 44.0 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

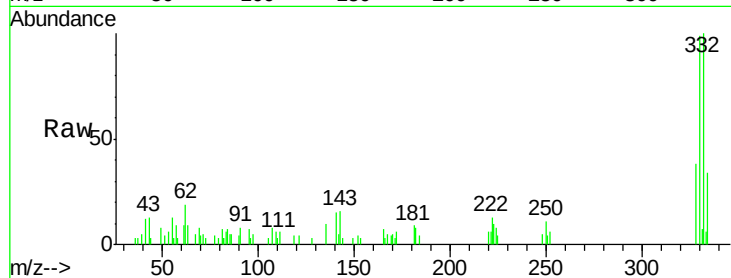




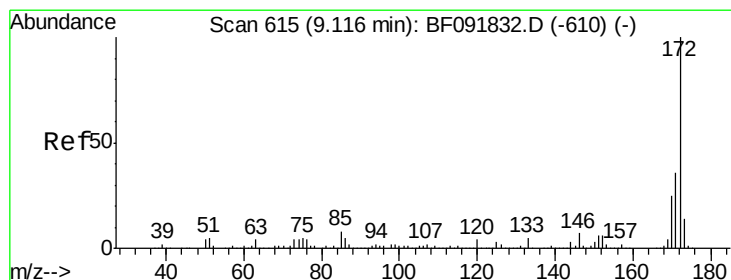
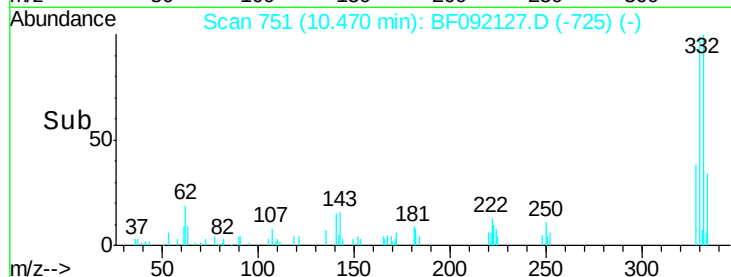
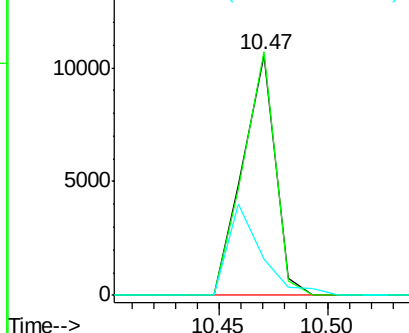
#41
 2,4,6-Tribromophenol
 Concen: 5.60 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092127.D
 Acq: 6 Jan 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1

Tgt Ion:330 Resp: 11080
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.4 116.2
 141 38.8 34.1 51.1

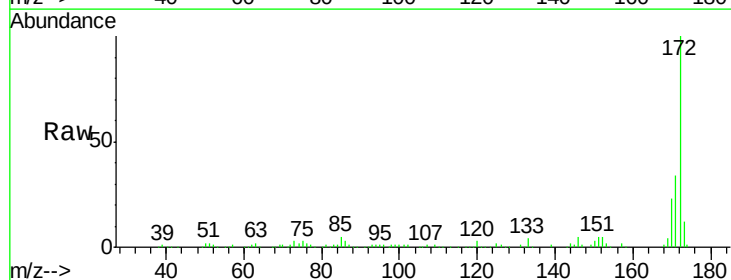


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

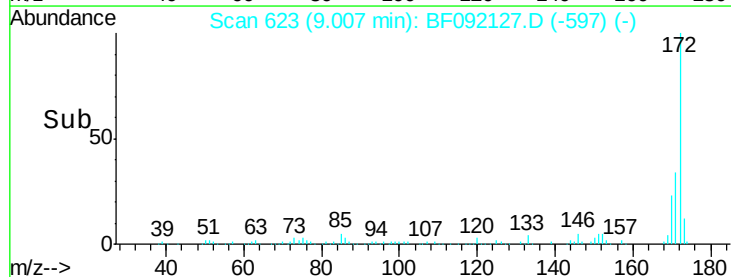
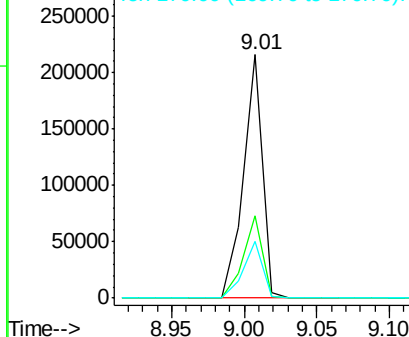


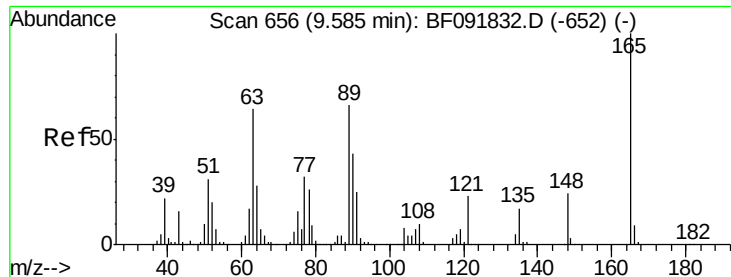
#44
 2-Fluorobiphenyl
 Concen: 4.48 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092127.D
 Acq: 6 Jan 2017 19:59

Tgt Ion:172 Resp: 194790
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.4 44.0
 170 23.4 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





#50

2,6-Dinitrotoluene

Concen: 9.23 ng

RT: 9.67 min Scan# 681

Delta R.T. 0.19 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

P3-SP1

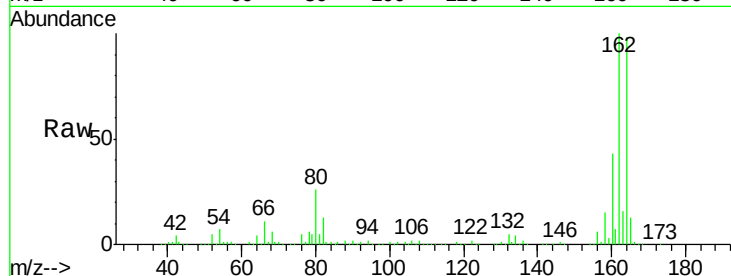
Tgt Ion:165 Resp: 30884

Ion Ratio Lower Upper

165 100

63 1.4 36.2 54.4#

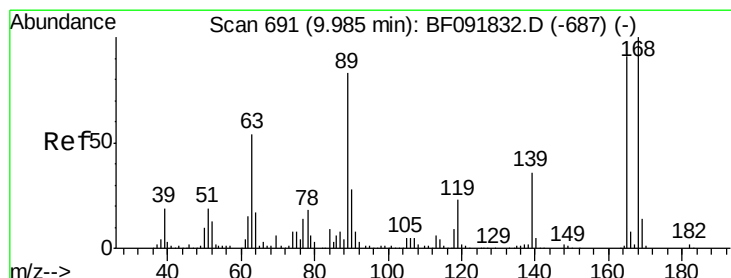
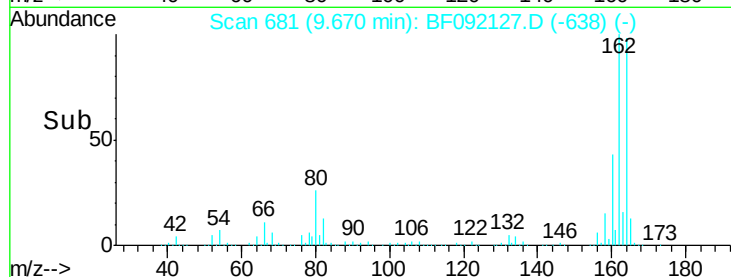
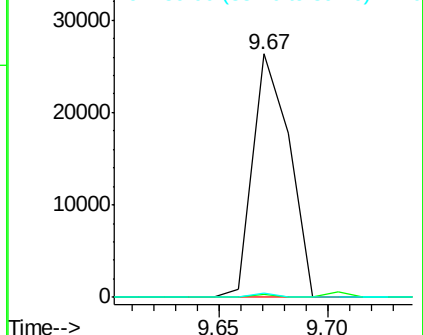
89 1.7 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 7.35 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.22 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Tgt Ion:165 Resp: 30884

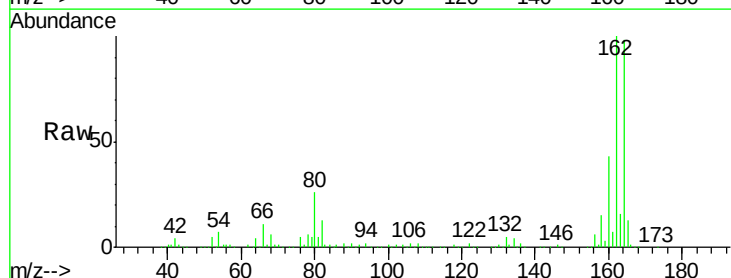
Ion Ratio Lower Upper

165 100

63 1.4 40.2 60.4#

89 1.7 62.5 93.7#

182 0.0 1.8 2.8#

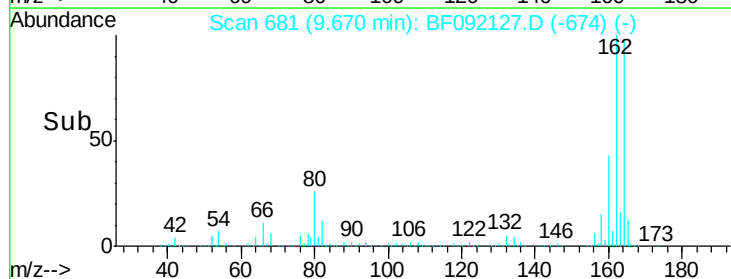
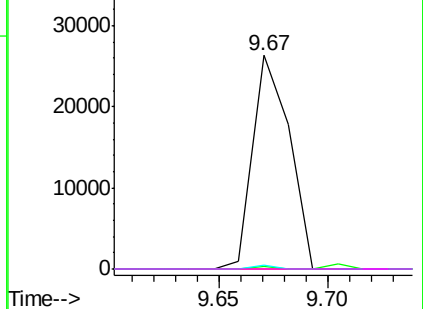


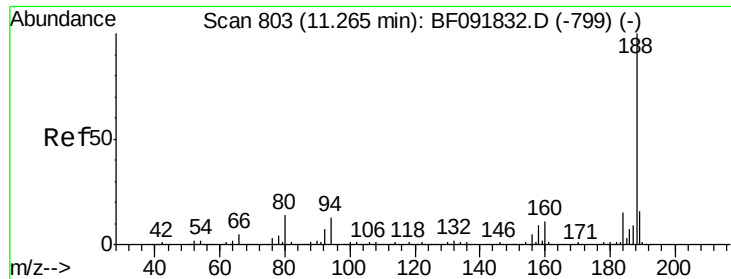
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

P3-SP1

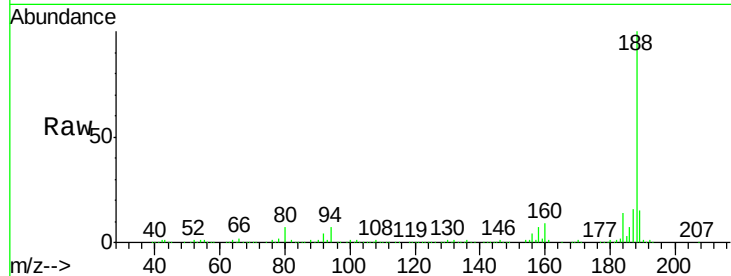
Tgt Ion:188 Resp: 359349

Ion Ratio Lower Upper

188 100

94 6.9 10.0 15.0#

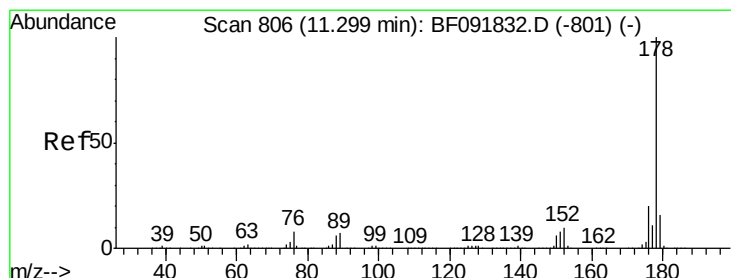
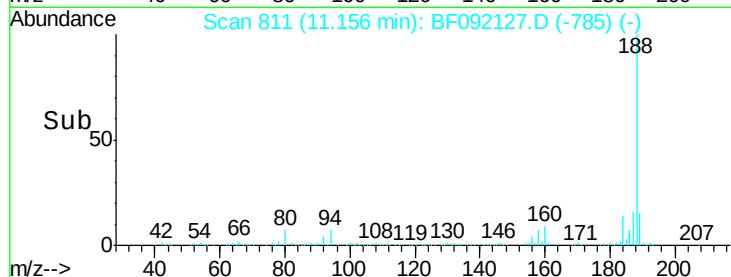
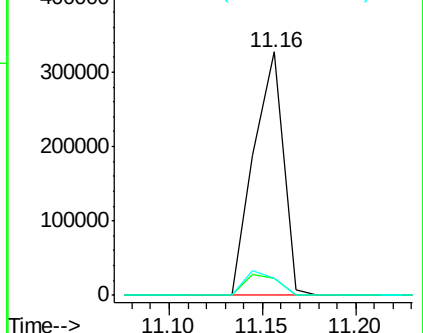
80 6.8 11.2 16.8#



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: 2.28 ng

RT: 11.18 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

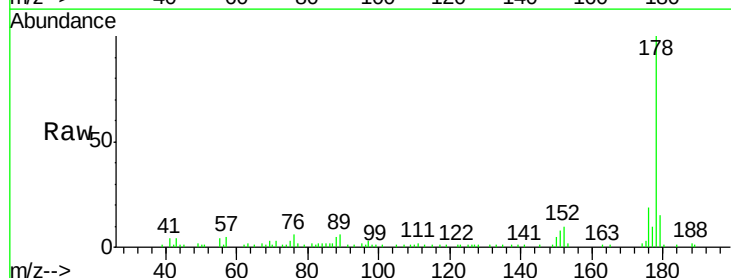
Tgt Ion:178 Resp: 44367

Ion Ratio Lower Upper

178 100

176 18.7 16.6 25.0

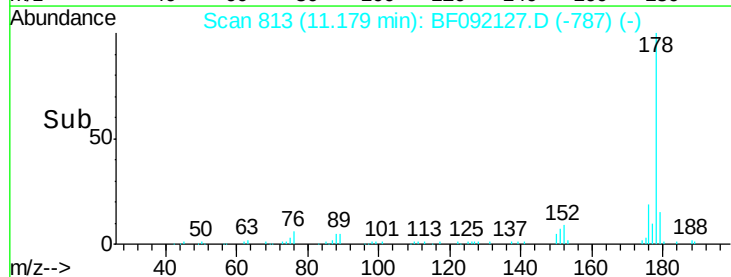
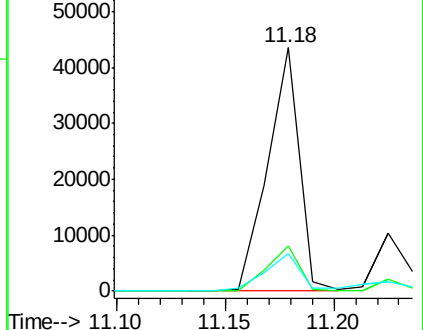
179 15.4 12.8 19.2

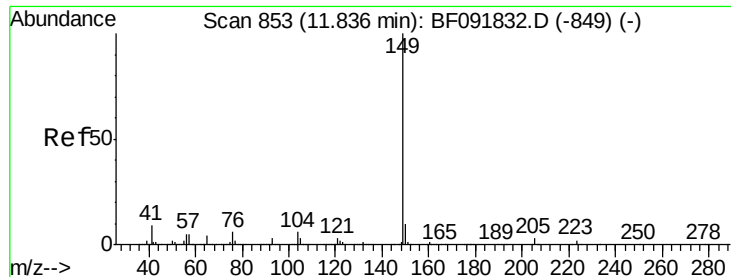


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Instrument :

BNA_F

ClientSampled :

P3-SP1

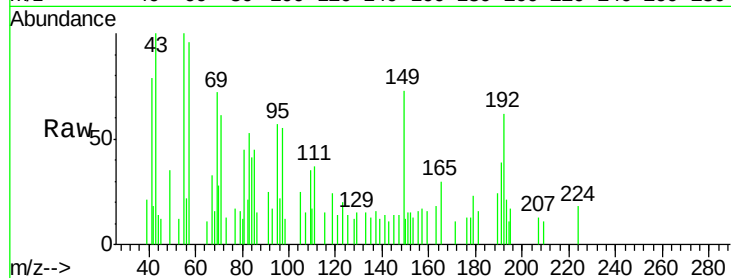
Tgt Ion:149 Resp: 4716

Ion Ratio Lower Upper

149 100

150 16.8 8.1 12.1#

104 0.0 4.6 7.0#

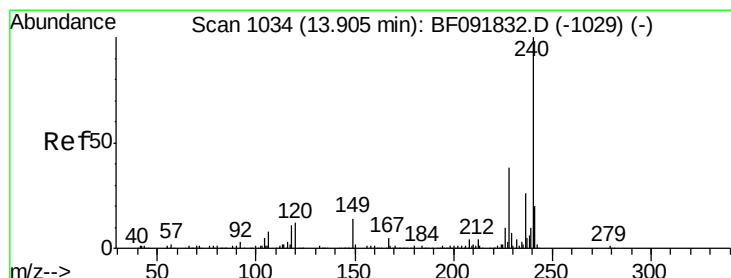
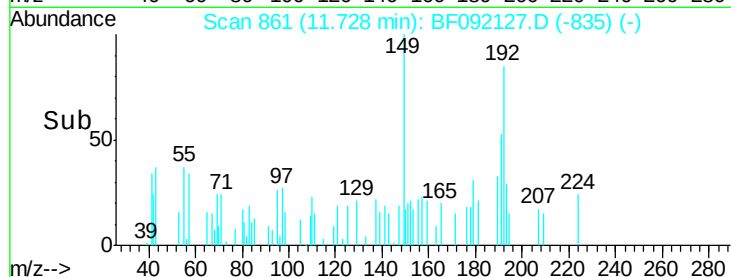
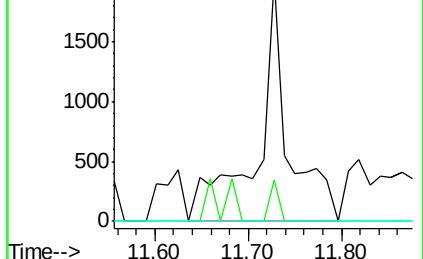


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

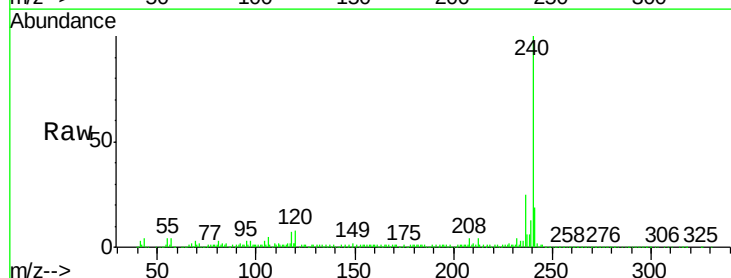
Tgt Ion:240 Resp: 353047

Ion Ratio Lower Upper

240 100

120 8.3 12.9 19.3#

236 25.4 20.9 31.3

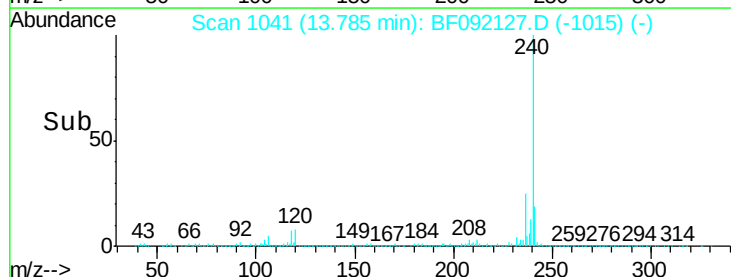
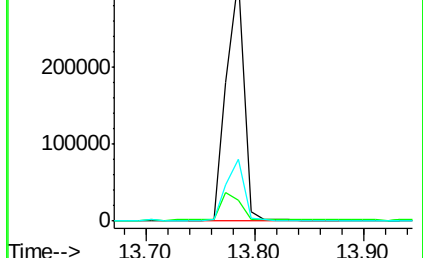


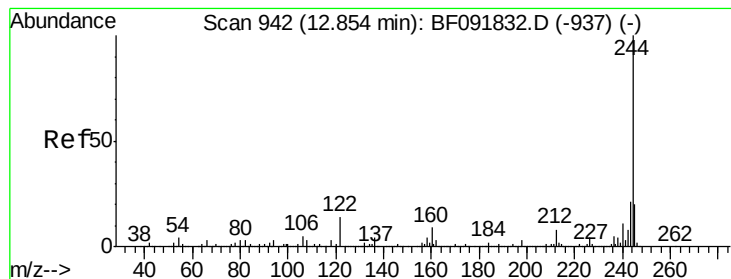
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->





#78

Terphenyl-d14

Concen: 10.61 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

Instrument :

BNA_F

ClientSampleId :

P3-SP1

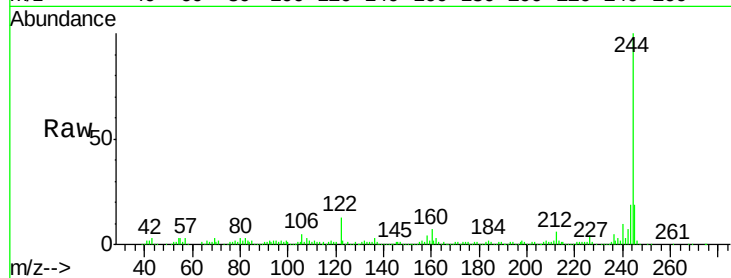
Tgt Ion:244 Resp: 154458

Ion Ratio Lower Upper

244 100

212 6.3 6.2 9.2

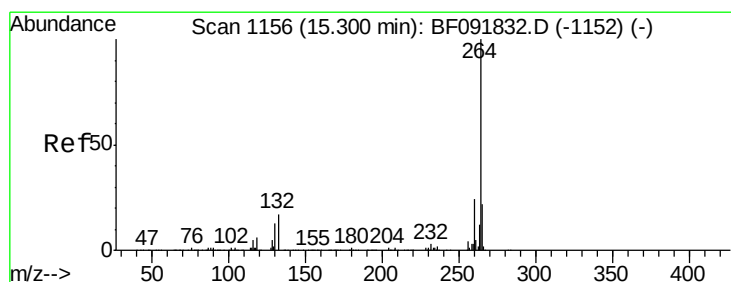
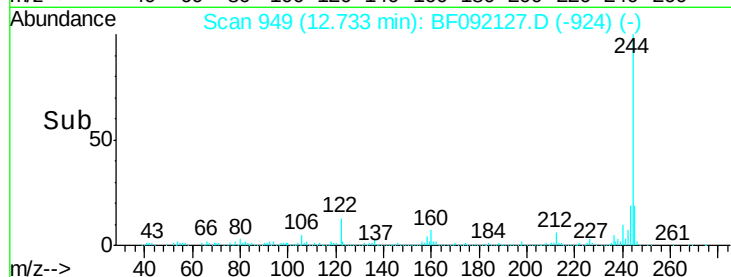
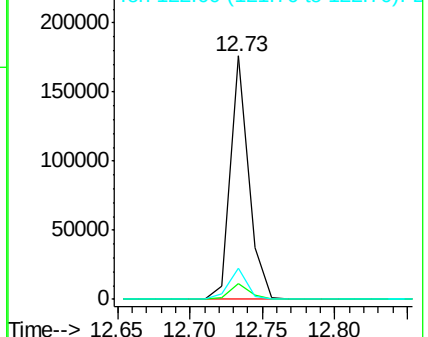
122 12.7 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.16 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF092127.D

Acq: 6 Jan 2017 19:59

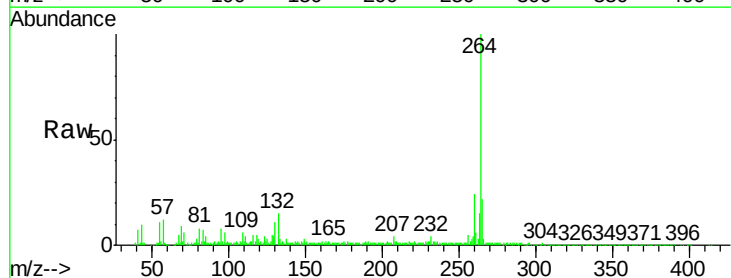
Tgt Ion:264 Resp: 298116

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 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

