

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092132.D
 Acq On : 6 Jan 2017 22:18
 Operator : UM/SJ
 Sample : I1045-06 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP4

Quant Time: Jan 06 23:04:13 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

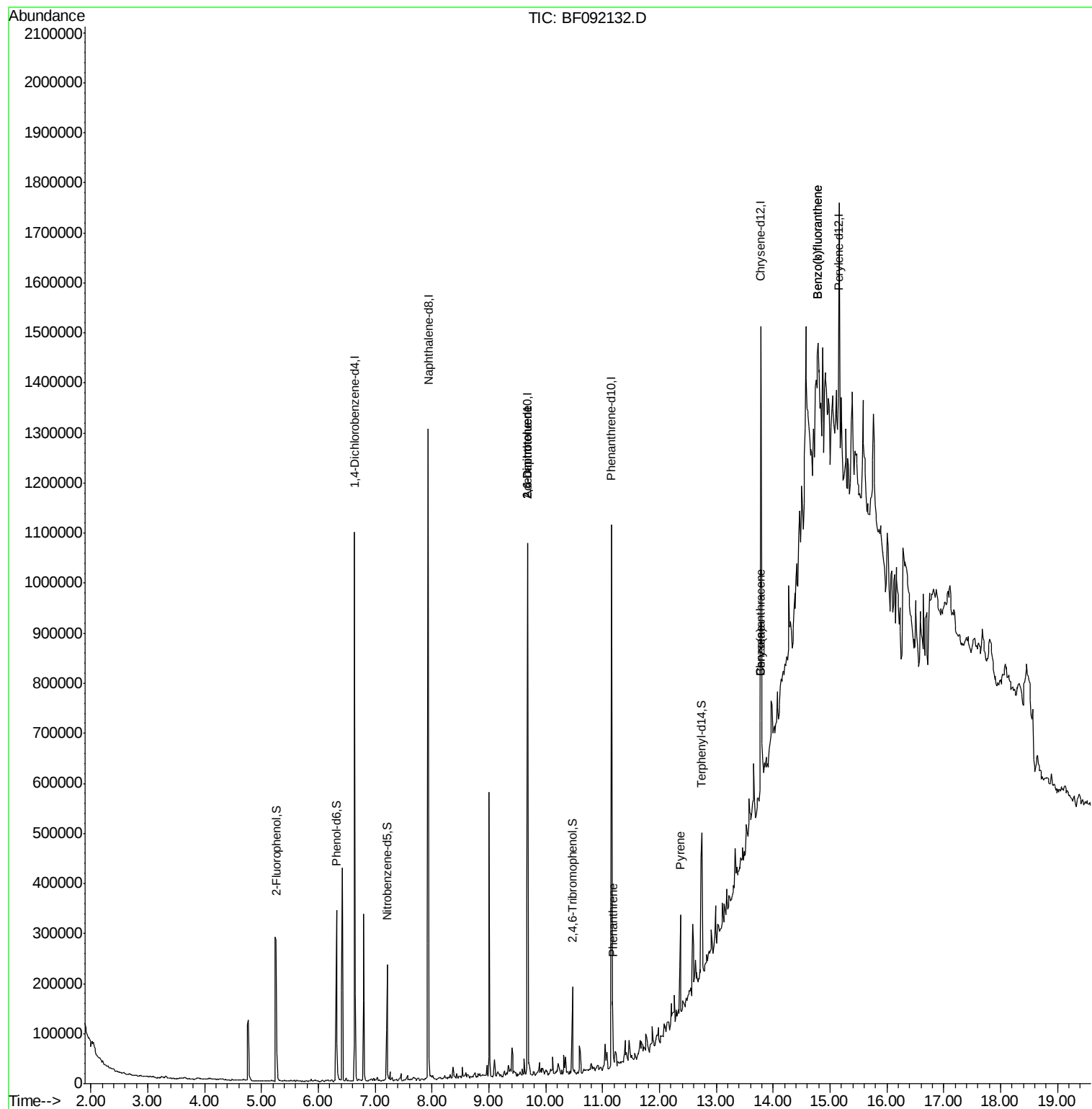
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	153414	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	555489	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	235680	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	359170	20.00	ng	0.00
75) Chrysene-d12	13.79	240	329960	20.00	ng	0.00
86) Perylene-d12	15.16	264	272257	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	134112	14.60	ng	0.02
7) Phenol-d6	6.32	99	148224	13.21	ng	0.01
23) Nitrobenzene-d5	7.21	82	85287	8.54	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	23061	11.82	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	155562	0.74	ng	0.00
78) Terphenyl-d14	12.74	244	120406	8.85	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.74	142	2075	Below Cal		Qvalue 88
50) 2,6-Dinitrotoluene	9.68	165	30608	9.28 ng	#	30
56) 2,4-Dinitrotoluene	9.68	165	30608	7.39 ng	#	19
70) Phenanthrene	11.18	178	43415	2.23 ng		98
71) Anthracene	11.24	178	11441	Below Cal		97
73) Di-n-butylphthalate	11.74	149	940	Below Cal	#	45
76) Benzidine	12.53	184	726	Below Cal	#	1
77) Pyrene	12.37	202	91561	3.78 ng		97
80) Benzo(a)anthracene	13.77	228	41613	2.23 ng	#	84
82) Chrysene	13.77	228	41613	2.23 ng	#	89
87) Benzo(b)fluoranthene	14.79	252	52379	3.09 ng	#	47
88) Benzo(k)fluoranthene	14.79	252	52379	3.62 ng	#	48

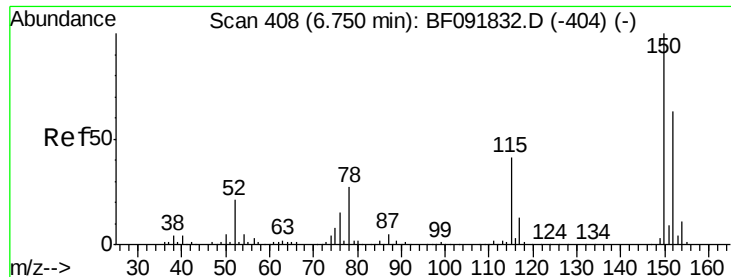
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 06 15:43:51 2017
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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: BF092132.D

Acq: 6 Jan 2017 22:18

Instrument :

BNA_F

ClientSampleId :

RAP-SP4

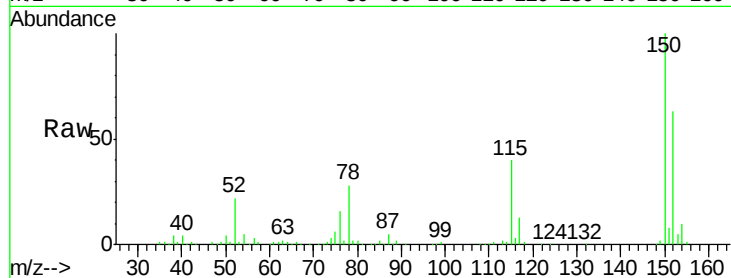
Tgt Ion:152 Resp: 153414

Ion Ratio Lower Upper

152 100

150 159.0 124.9 187.3

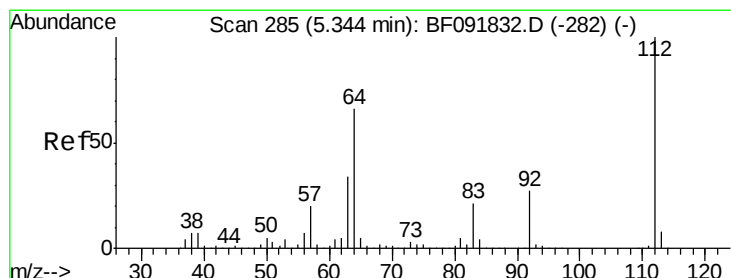
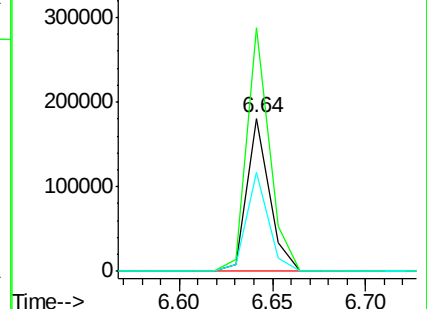
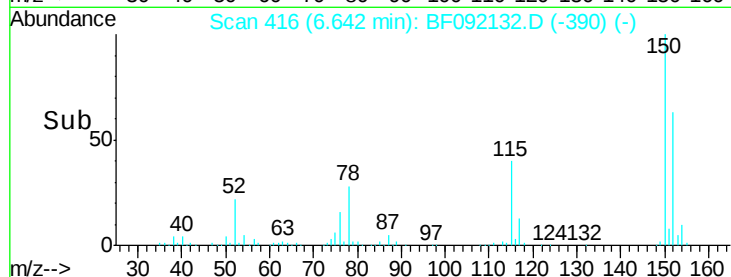
115 64.2 46.0 69.0



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: 14.60 ng

RT: 5.26 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF092132.D

Acq: 6 Jan 2017 22:18

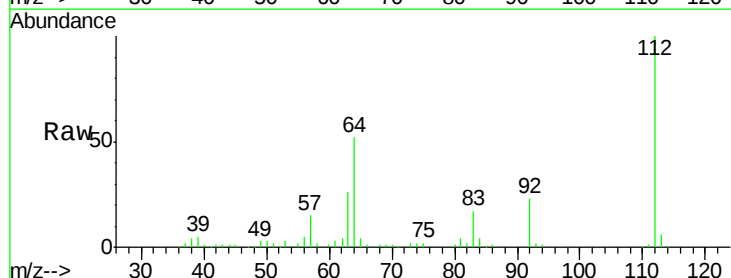
Tgt Ion:112 Resp: 134112

Ion Ratio Lower Upper

112 100

64 52.1 46.1 69.1

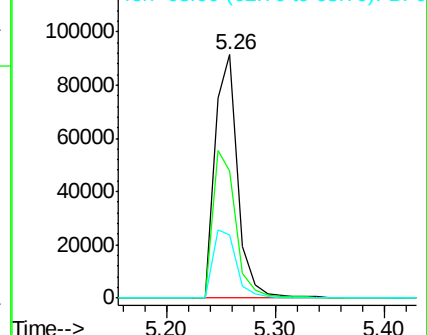
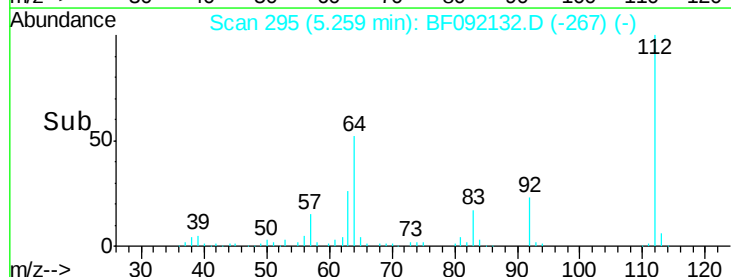
63 25.7 23.8 35.6

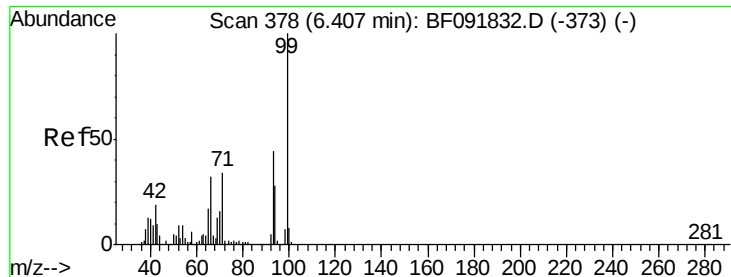


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.21 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092132.D

Acq: 6 Jan 2017 22:18

Instrument :

BNA_F

ClientSampleId :

RAP-SP4

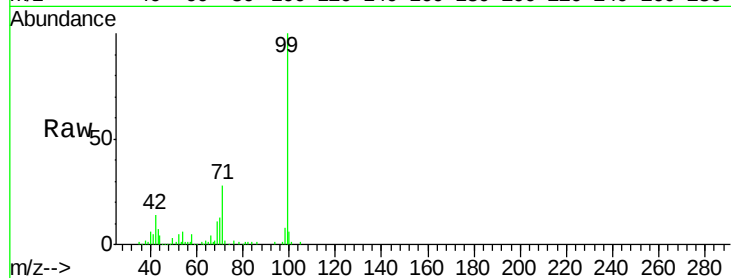
Tgt Ion: 99 Resp: 148224

Ion Ratio Lower Upper

99 100

42 14.5 15.6 23.4#

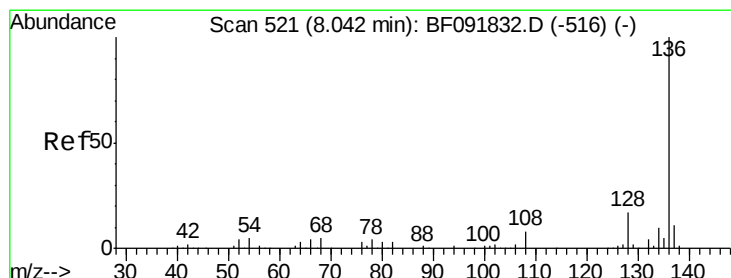
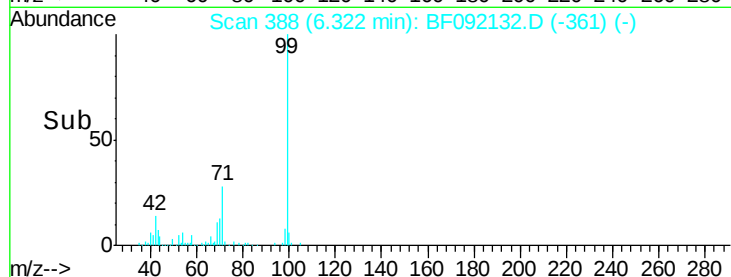
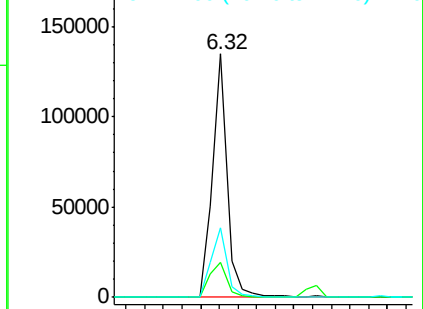
71 28.4 27.5 41.3



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: BF092132.D

Acq: 6 Jan 2017 22:18

Tgt Ion: 136 Resp: 555489

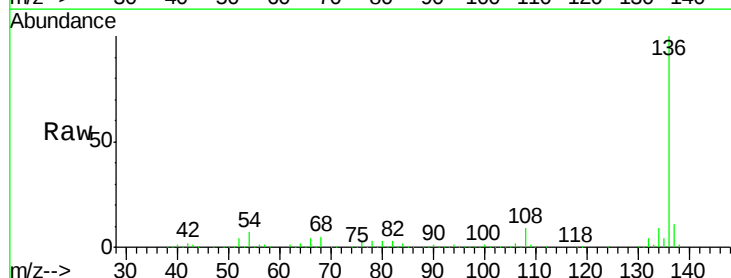
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 6.7 4.5 6.7

68 5.5 3.6 5.4#

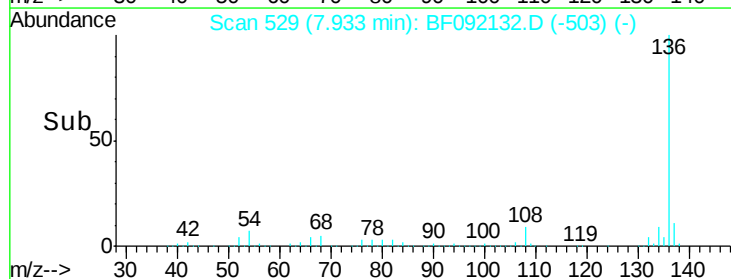
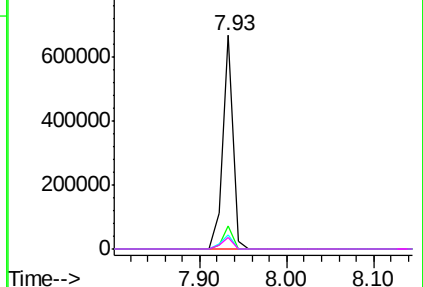


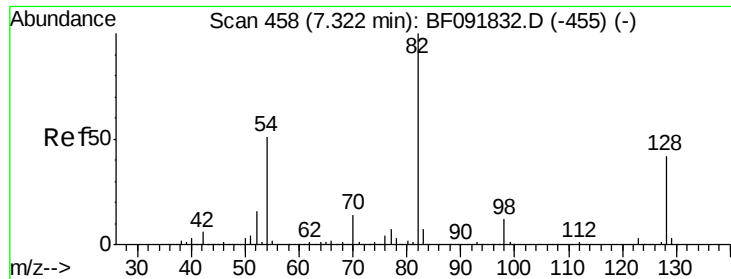
Abundance Ion 136.00 (135.70 to 136.70): E

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

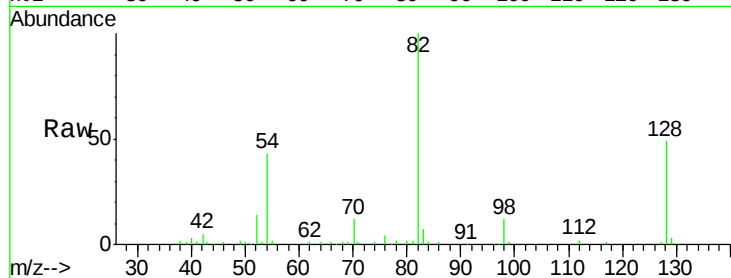




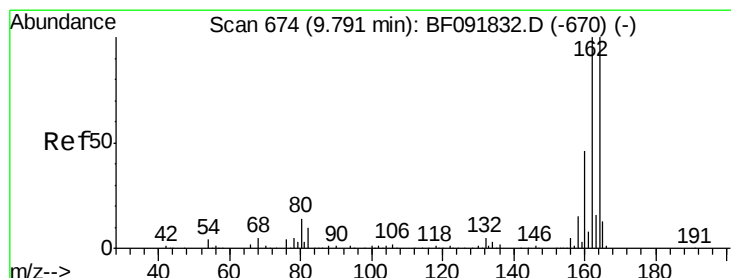
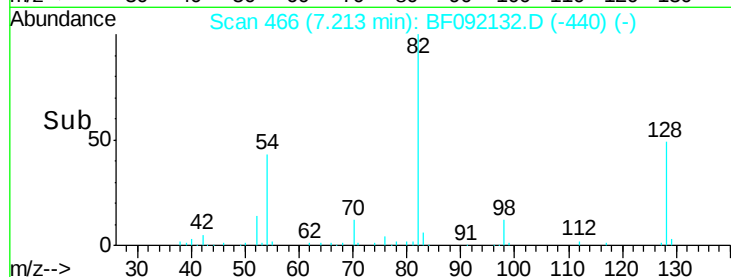
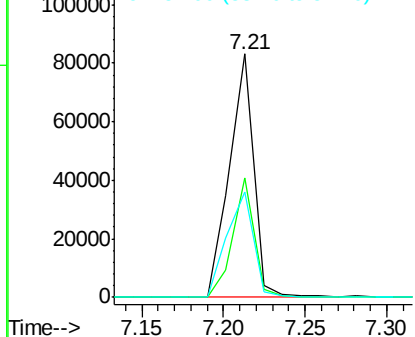
#23
 Nitrobenzene-d5
 Concen: 8.54 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092132.D
 Acq: 6 Jan 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP4

Tgt Ion: 82 Resp: 85287
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.6 52.0
 54 43.4 39.5 59.3

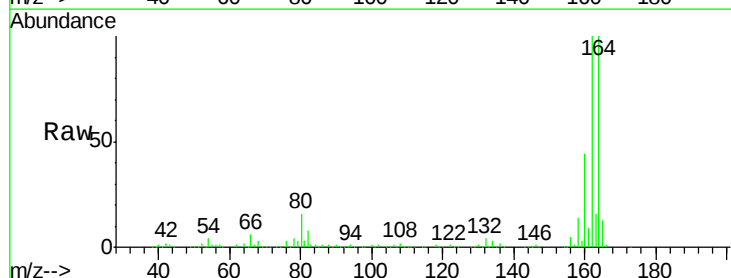


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

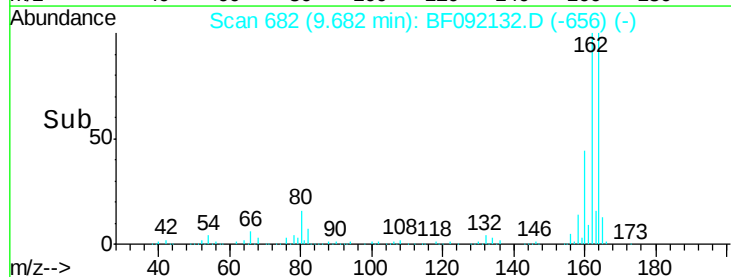
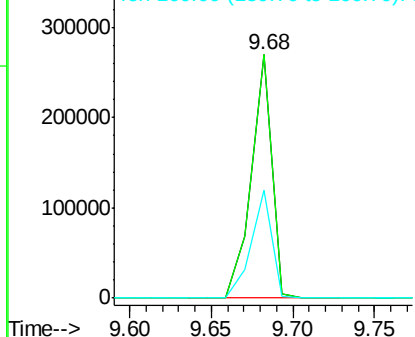


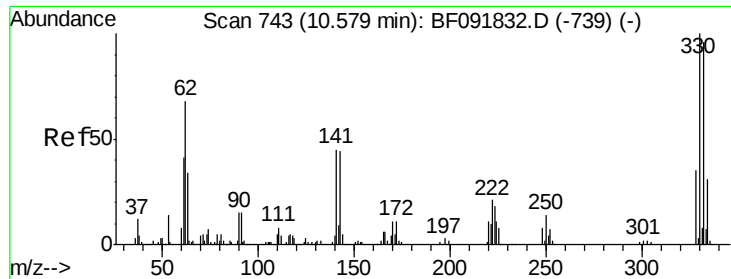
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF092132.D
 Acq: 6 Jan 2017 22:18

Tgt Ion: 164 Resp: 235680
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.2 120.2
 160 44.2 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

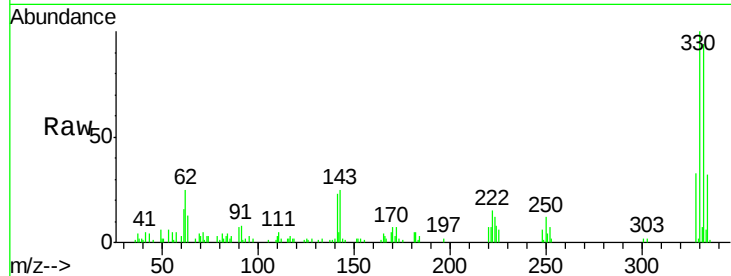




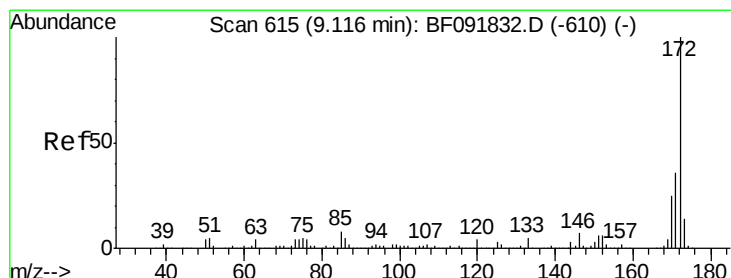
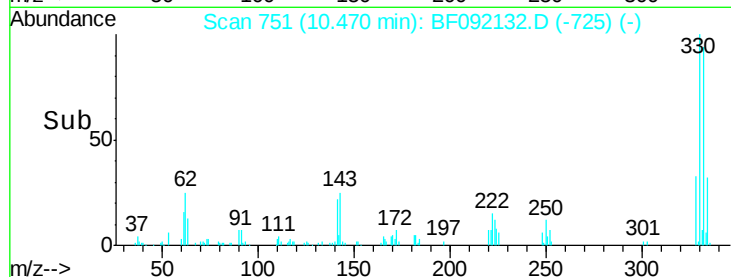
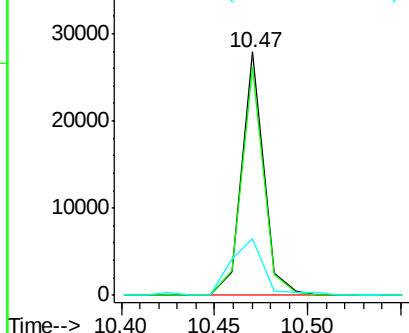
#41
 2,4,6-Tribromophenol
 Concen: 11.82 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092132.D
 Acq: 6 Jan 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP4

Tgt Ion:330 Resp: 23061
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.4 116.2
 141 36.4 34.1 51.1

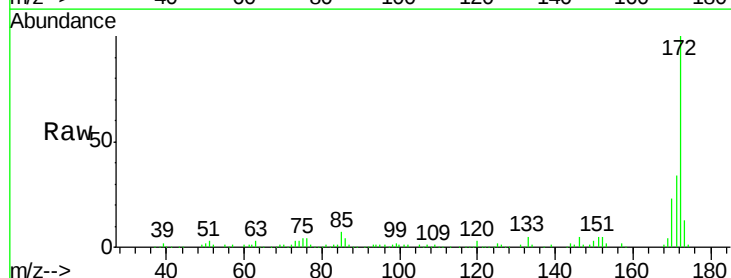


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

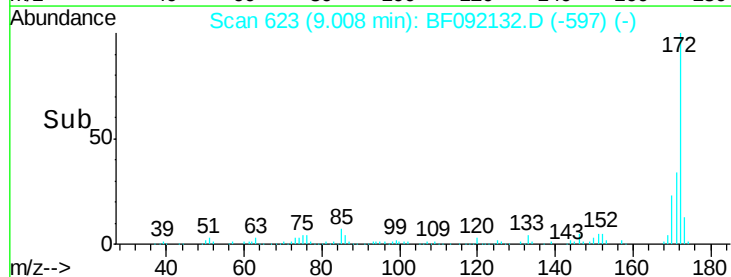
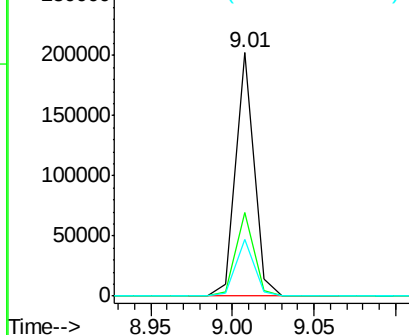


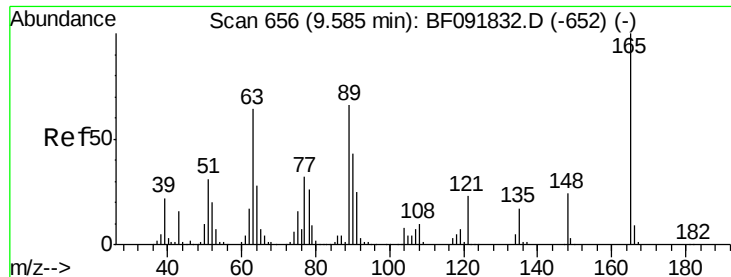
#44
 2-Fluorobiphenyl
 Concen: 0.74 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092132.D
 Acq: 6 Jan 2017 22:18

Tgt Ion:172 Resp: 155562
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.4 44.0
 170 23.2 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: 9.28 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.21 min

Lab File: BF092132.D

Acq: 6 Jan 2017 22:18

Instrument :

BNA_F

ClientSampleId :

RAP-SP4

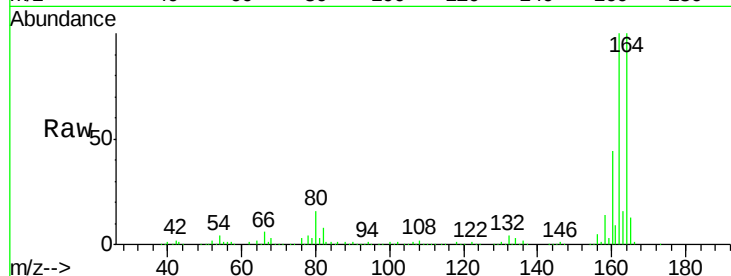
Tgt Ion:165 Resp: 30608

Ion Ratio Lower Upper

165 100

63 0.0 36.2 54.4#

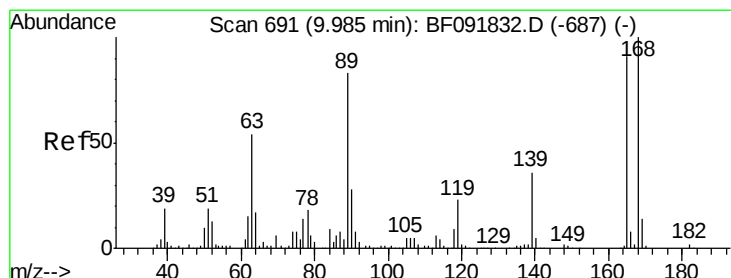
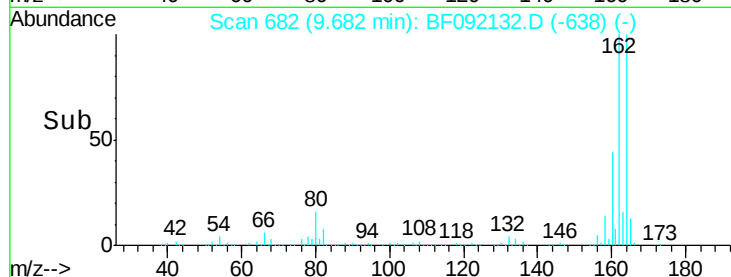
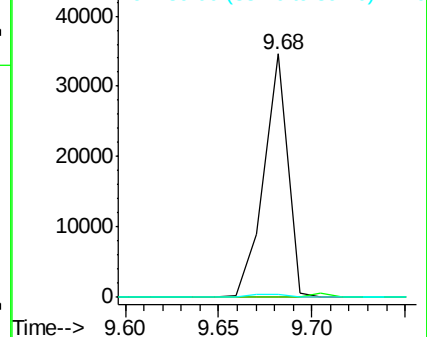
89 1.1 40.2 60.4#



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: 7.39 ng

RT: 9.68 min Scan# 682

Delta R.T. -0.21 min

Lab File: BF092132.D

Acq: 6 Jan 2017 22:18

Tgt Ion:165 Resp: 30608

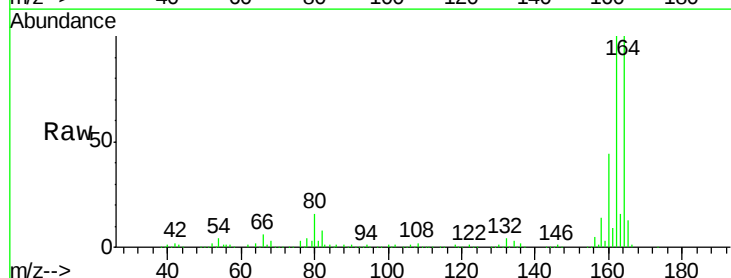
Ion Ratio Lower Upper

165 100

63 0.0 40.2 60.4#

89 1.1 62.5 93.7#

182 0.0 1.8 2.8#

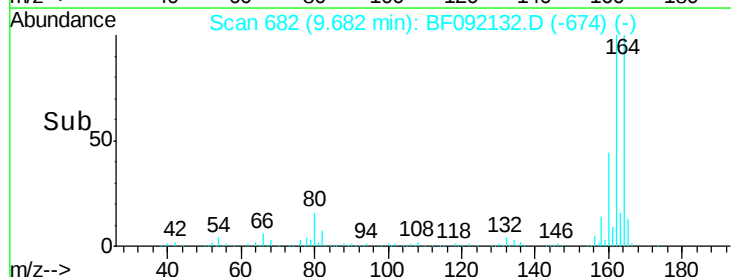
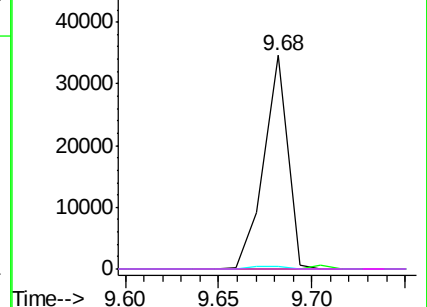


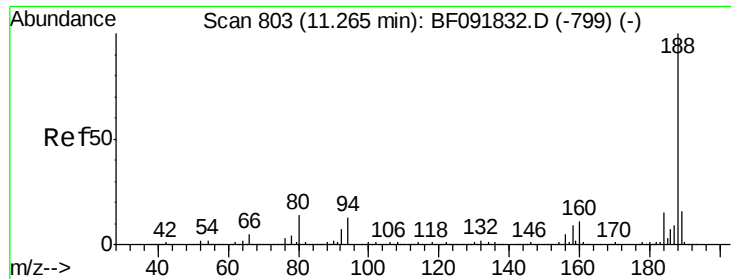
Abundance Ion 165.00 (164.70 to 165.70): E

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

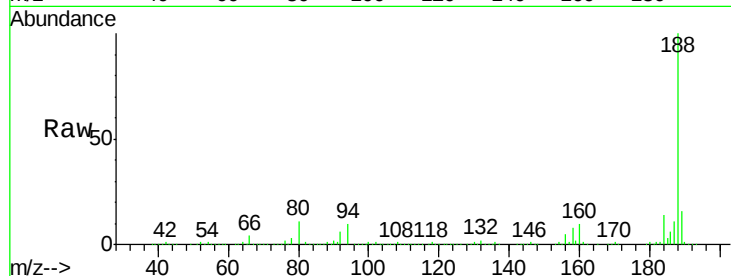




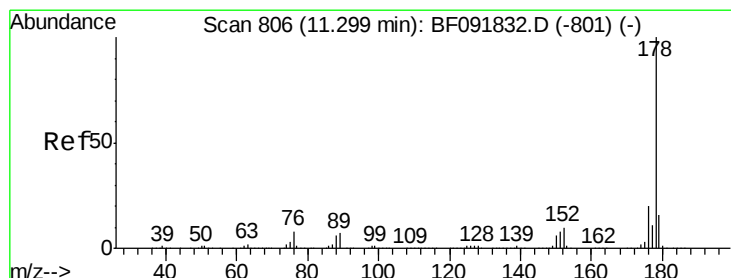
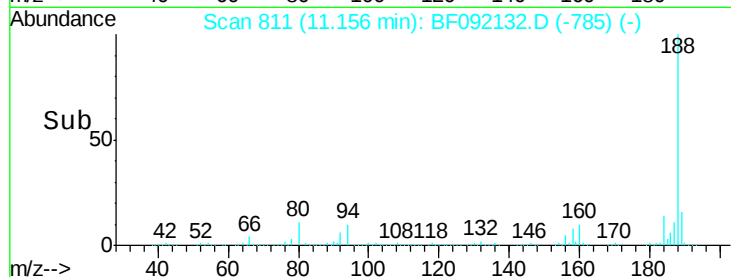
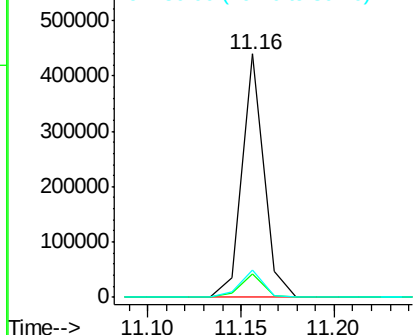
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
RAP-SP4

Tgt Ion:188 Resp: 359170
Ion Ratio Lower Upper
188 100
94 9.9 10.0 15.0#
80 11.1 11.2 16.8#

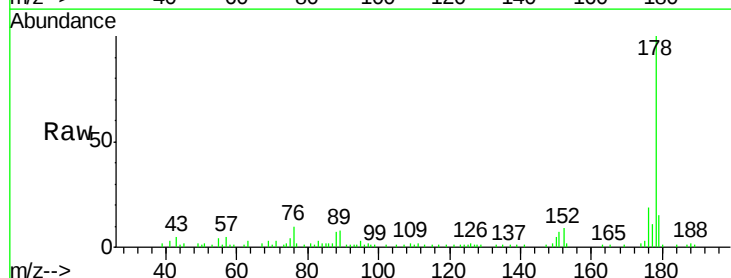


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

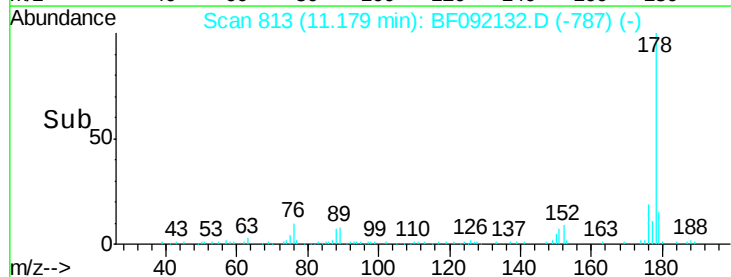
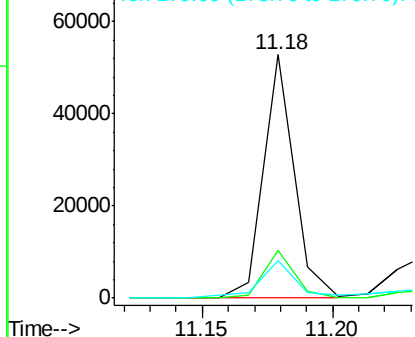


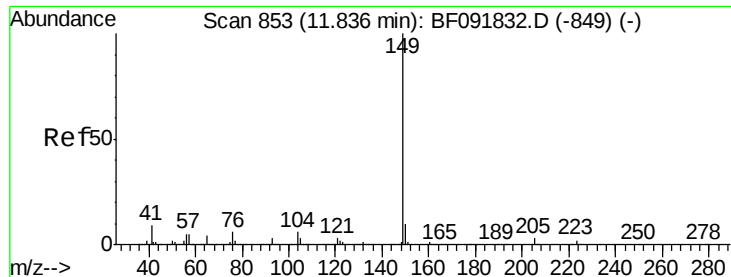
#70
Phenanthrene
Concen: 2.23 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092132.D
Acq: 6 Jan 2017 22:18

Tgt Ion:178 Resp: 43415
Ion Ratio Lower Upper
178 100
176 19.5 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: 11.74 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF092132.D

Acq: 6 Jan 2017 22:18

Instrument :

BNA_F

ClientSampleId :

RAP-SP4

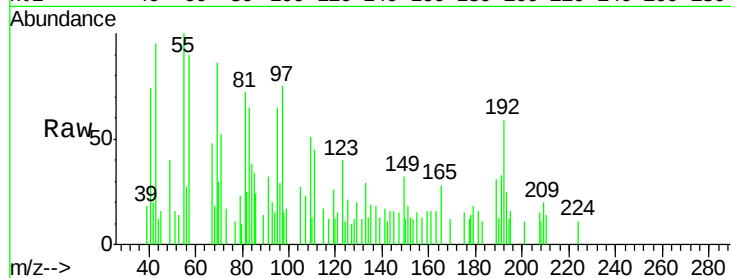
Tgt Ion:149 Resp: 940

Ion Ratio Lower Upper

149 100

150 38.5 8.1 12.1#

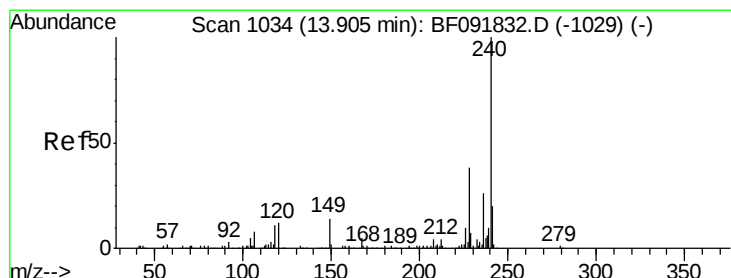
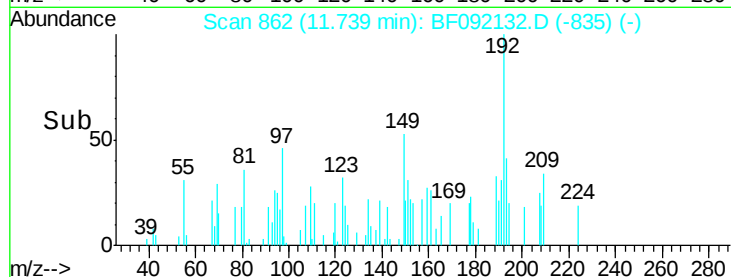
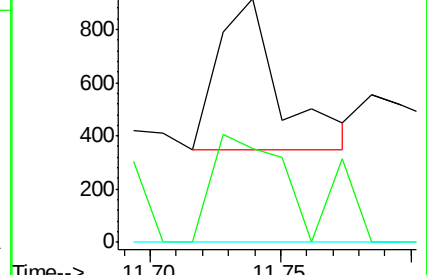
104 0.0 4.6 7.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092132.D

Acq: 6 Jan 2017 22:18

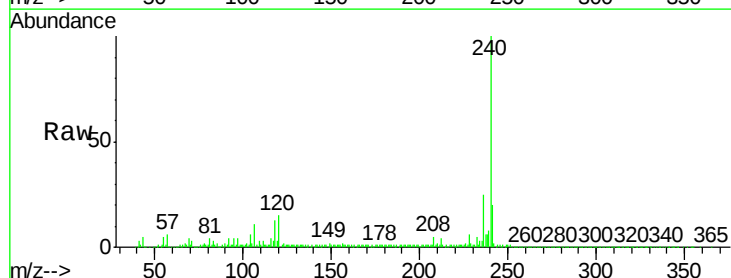
Tgt Ion:240 Resp: 329960

Ion Ratio Lower Upper

240 100

120 14.7 12.9 19.3

236 25.0 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

