

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122815\
 Data File : BF084161.D
 Acq On : 28 Dec 2015 17:49
 Operator : UM/SJ
 Sample : G4960-06 25X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-3(16.0-16.5)

Quant Time: Dec 29 03:55:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

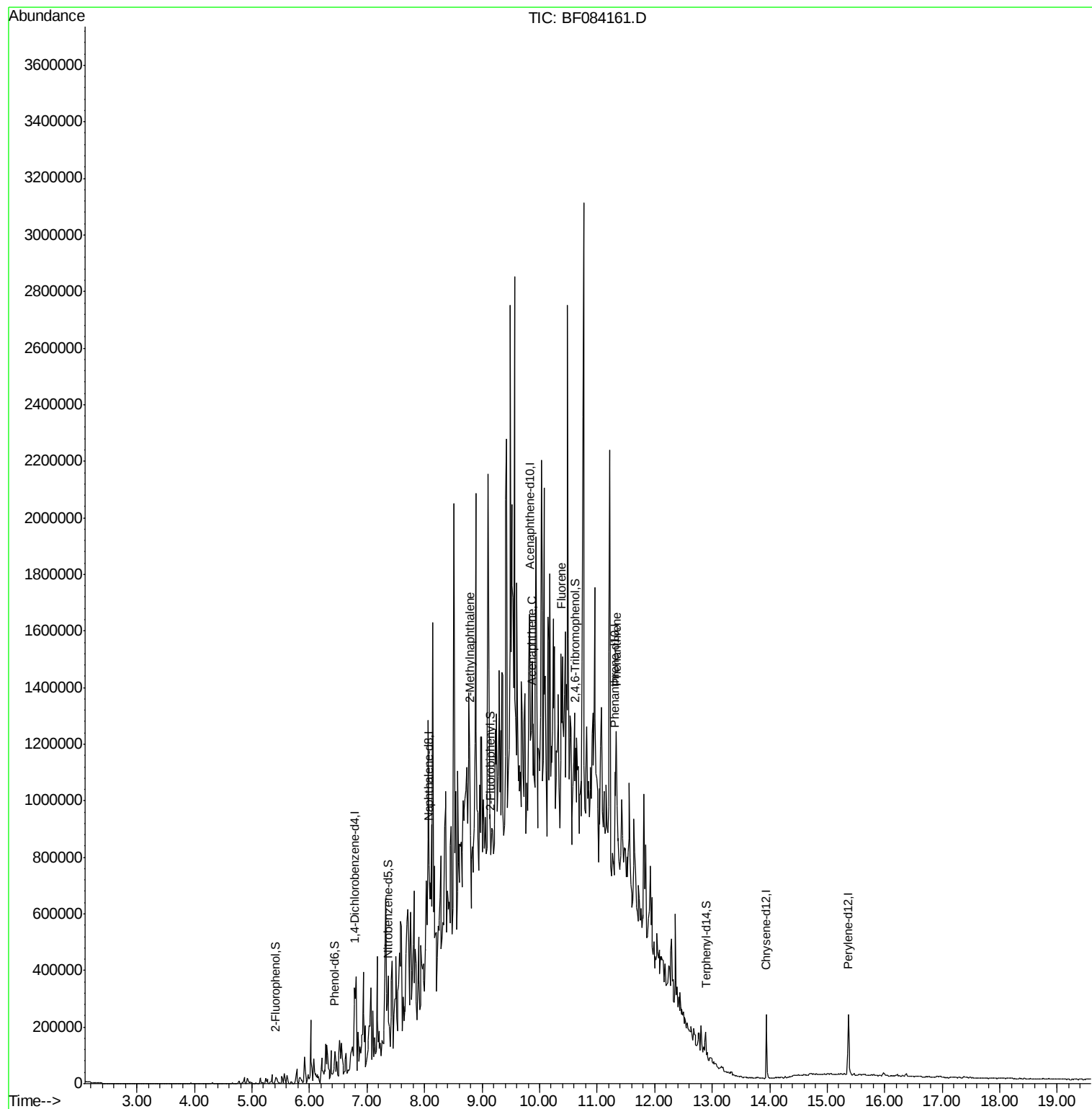
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	47510	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	174712	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	78858	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	135860	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	101547	20.00	ng	-0.02
86) Perylene-d12	15.37	264	101112	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	15716	5.61	ng	0.00
7) Phenol-d6	6.44	99	23391	6.75	ng	-0.01
23) Nitrobenzene-d5	7.36	82	10745	3.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	3656	4.35	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	26213	4.55	ng	-0.01
78) Terphenyl-d14	12.89	244	16941	3.02	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.78	142	190890	32.81	ng	# 95
51) Acenaphthene	9.86	154	40612	7.85	ng	# 88
57) Fluorene	10.37	166	68744	11.37	ng	# 86
70) Phenanthrene	11.33	178	206320	25.62	ng	# 95

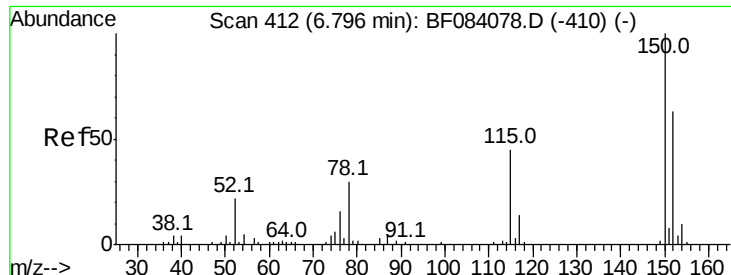
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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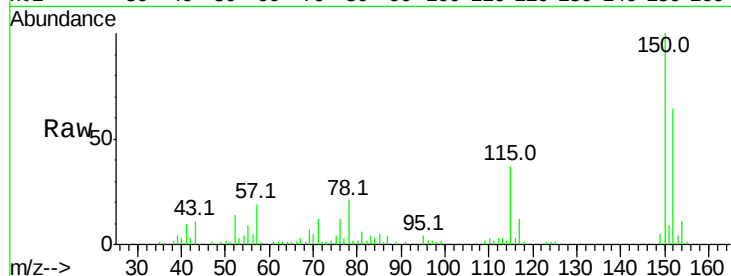


#1

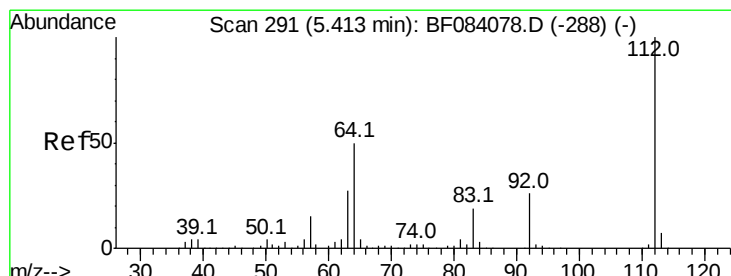
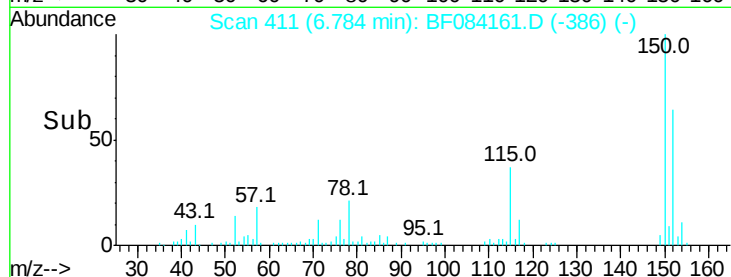
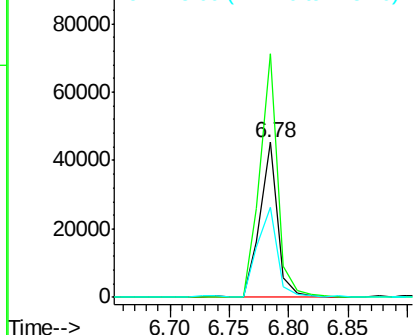
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF084161.D
Acq: 28 Dec 2015 17:49

Instrument :
BNA_F
ClientSampleId :
PJ-SB-3(16.0-16.5)

Tot Ion:152 Resp: 47510
Ion Ratio Lower Upper
152 100
150 157.4 123.0 184.4
115 58.4 51.4 77.2



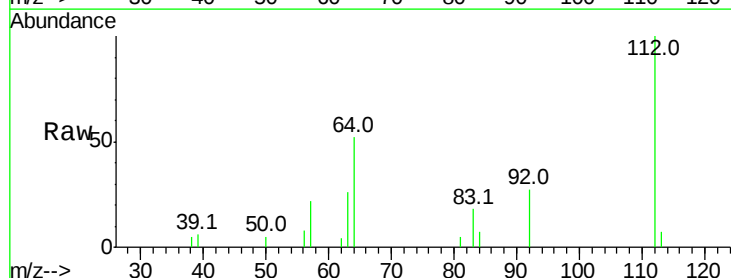
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



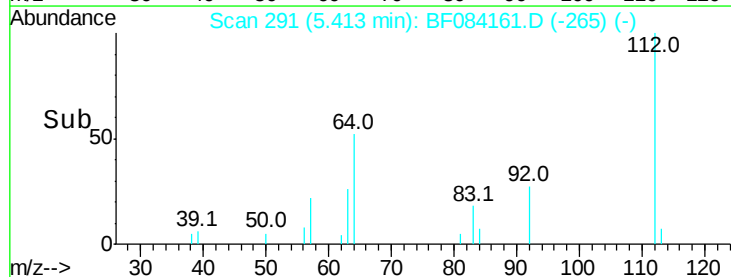
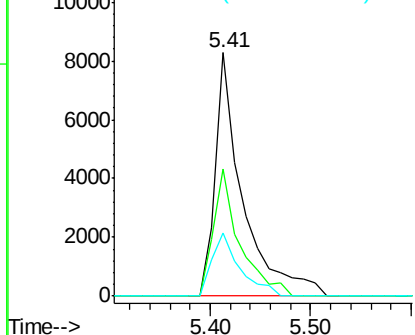
#5

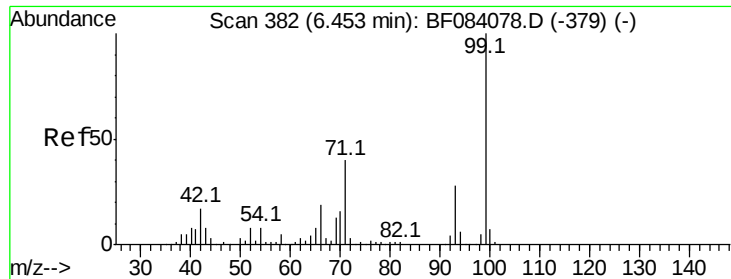
2-Fluorophenol
Concen: 5.61 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084161.D
Acq: 28 Dec 2015 17:49

Tgt Ion:112 Resp: 15716
Ion Ratio Lower Upper
112 100
64 52.2 36.6 55.0
63 25.8 19.4 29.0



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: 6.75 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084161.D

Acq: 28 Dec 2015 17:49

Instrument :

BNA_F

ClientSampleId :

PJ-SB-3(16.0-16.5)

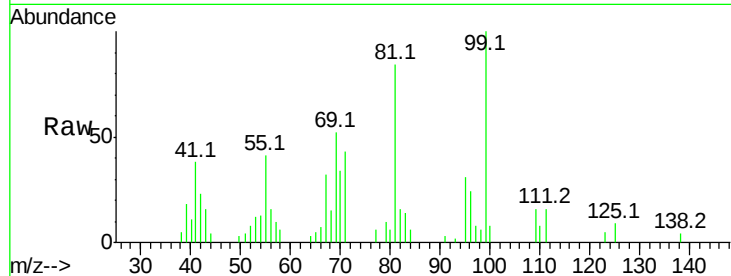
Tot Ion: 99 Resp: 23391

Ion Ratio Lower Upper

99 100

42 22.8 12.8 19.2#

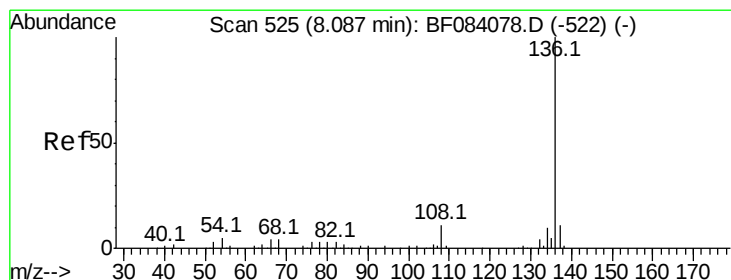
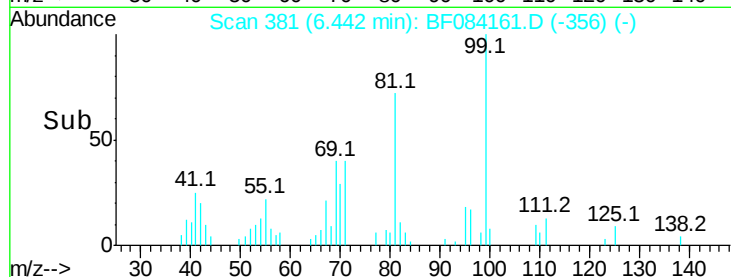
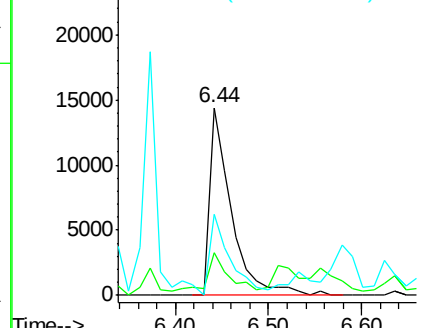
71 43.1 30.9 46.3



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: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF084161.D

Acq: 28 Dec 2015 17:49

Tgt Ion: 136 Resp: 174712

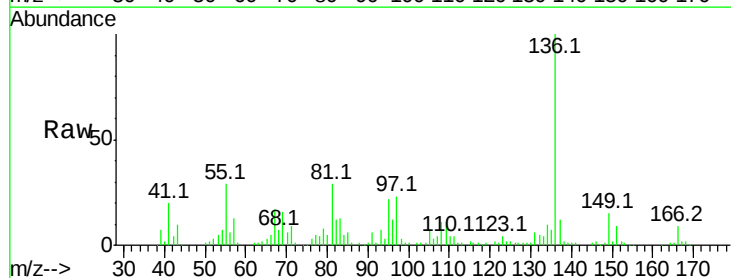
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 7.2 5.8 8.8

68 7.5 4.2 6.2#

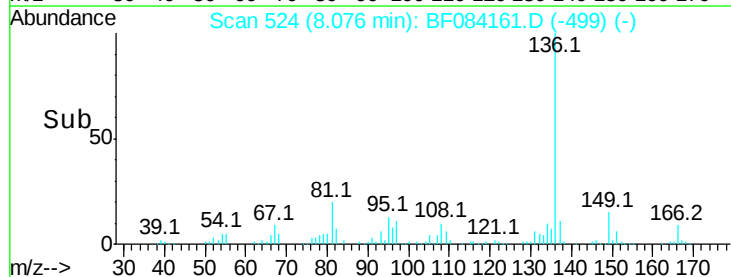
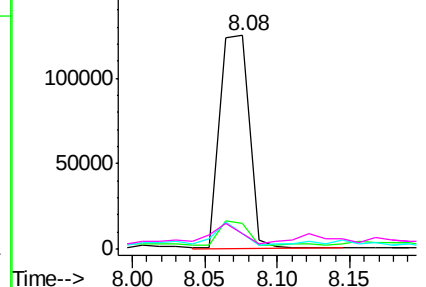


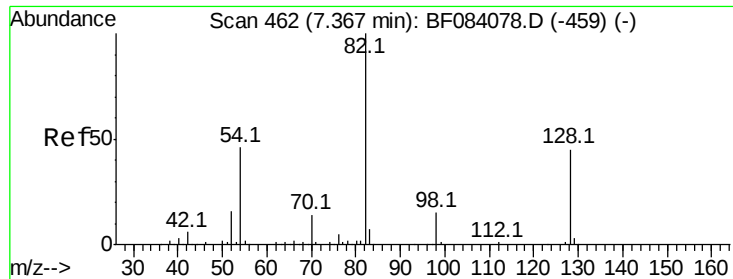
Abundance Ion 136.00 (135.70 to 136.70): E

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

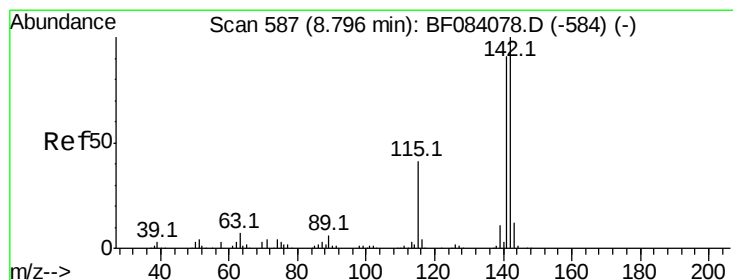
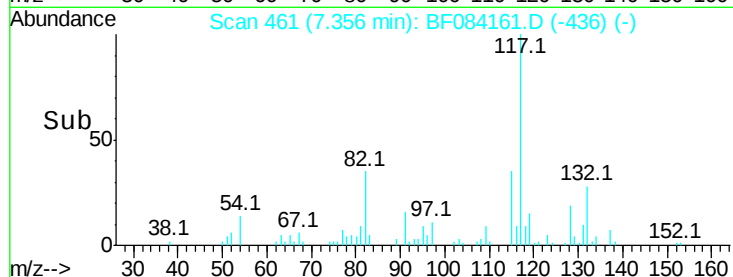
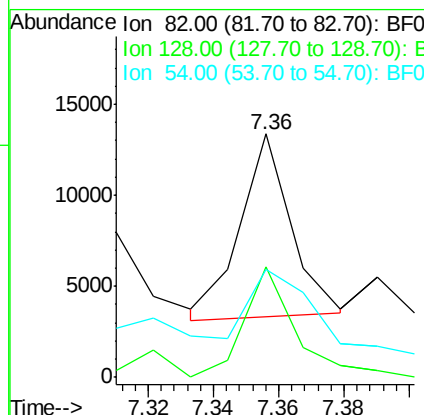
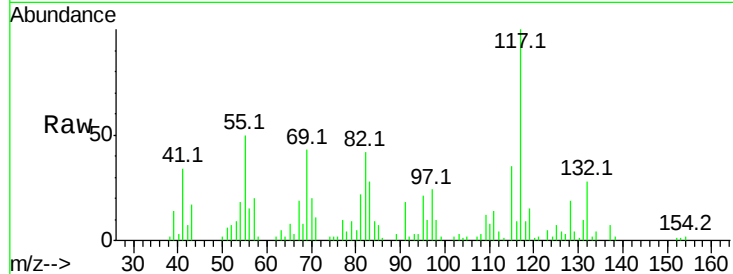




#23
Nitrobenzene-d5
Concen: 3.60 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF084161.D
Acq: 28 Dec 2015 17:49

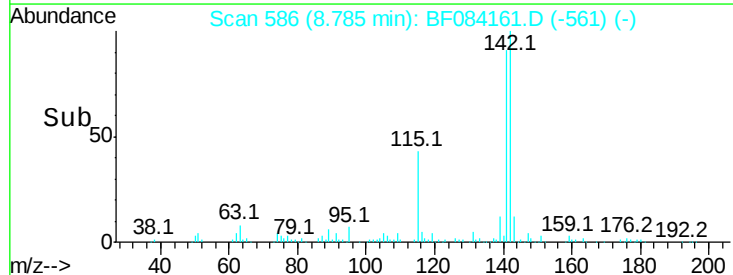
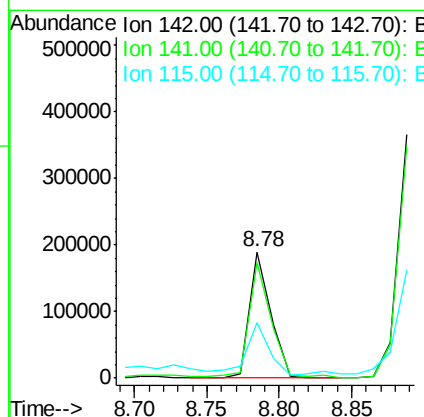
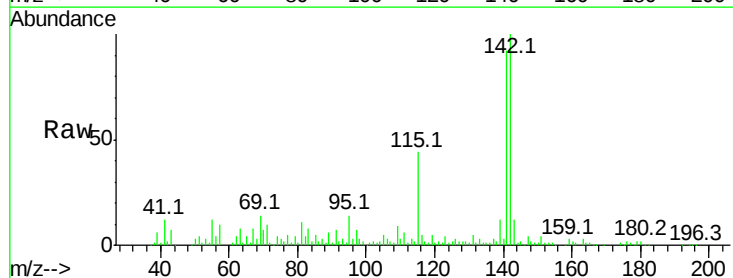
Instrument :
BNA_F
ClientSampleId :
PJ-SB-3(16.0-16.5)

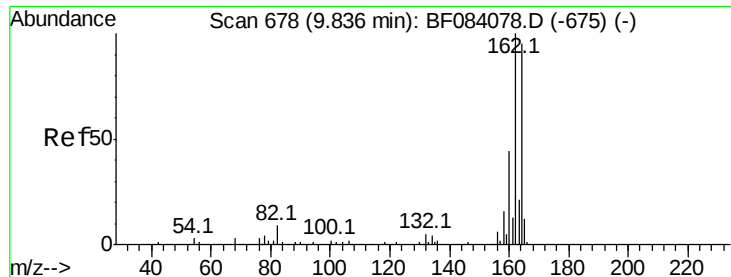
Tot Ion	82	Resp	10745
Ion Ratio	100	Lower	Upper
128	45.6	34.6	51.8
54	44.1	38.4	57.6



#37
2-Methylnaphthalene
Concen: 32.81 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF084161.D
Acq: 28 Dec 2015 17:49

Tgt Ion	142	Resp	190890
Ion Ratio	100	Lower	Upper
141	91.8	72.4	108.6
115	43.6	27.9	41.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF084161.D

Acq: 28 Dec 2015 17:49

Instrument :

BNA_F

ClientSampleId :

PJ-SB-3(16.0-16.5)

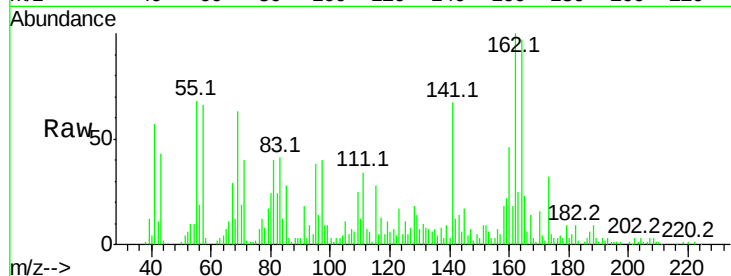
Tot Ion:164 Resp: 78858

Ion Ratio Lower Upper

164 100

162 103.3 85.1 127.7

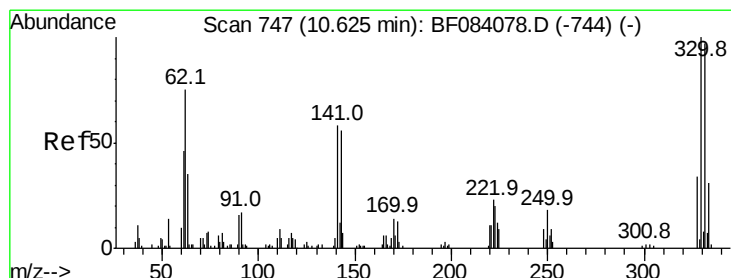
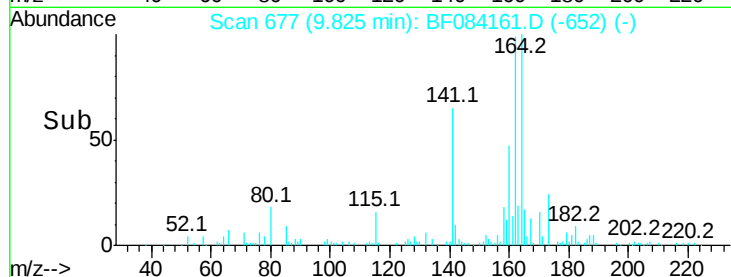
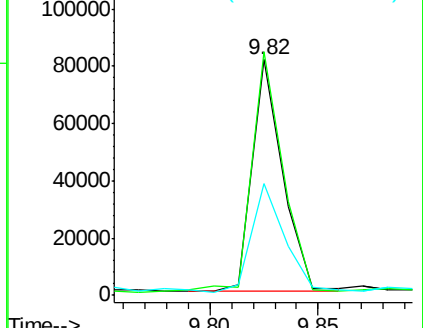
160 47.4 37.5 56.3



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: 4.35 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF084161.D

Acq: 28 Dec 2015 17:49

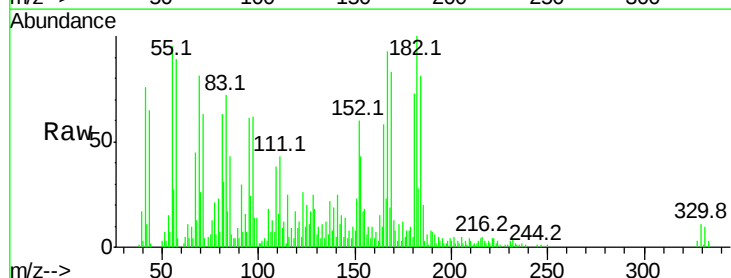
Tgt Ion:330 Resp: 3656

Ion Ratio Lower Upper

330 100

332 97.7 76.6 114.8

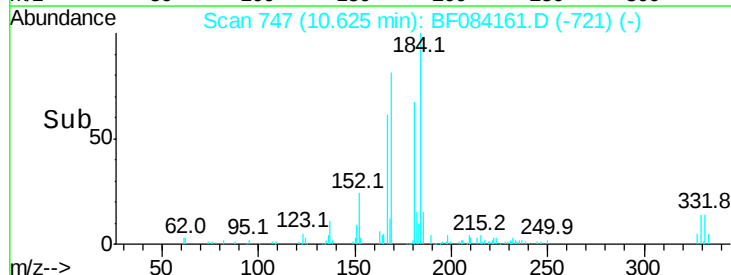
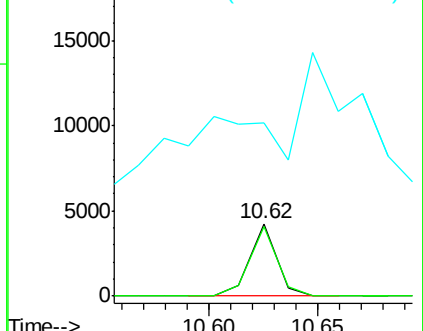
141 0.0 27.8 41.6#

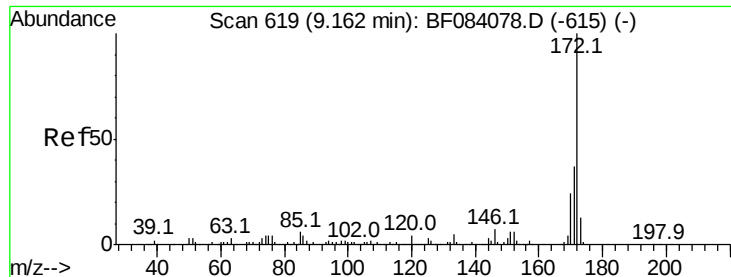


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 4.55 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF084161.D

Acq: 28 Dec 2015 17:49

Instrument :

BNA_F

ClientSampleId :

PJ-SB-3(16.0-16.5)

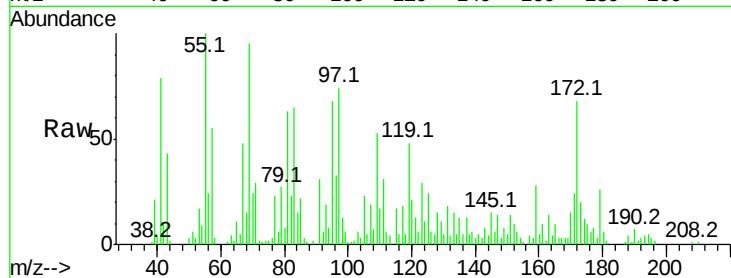
Tot Ion:172 Resp: 26213

Ion Ratio Lower Upper

172 100

171 35.1 28.9 43.3

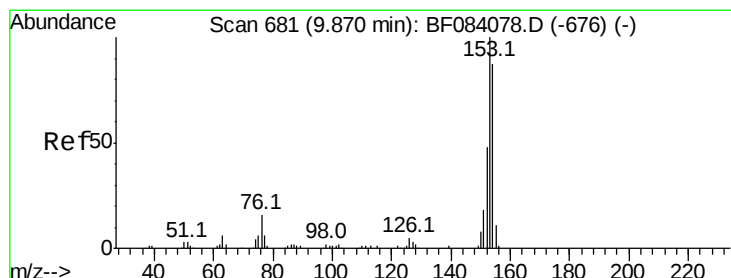
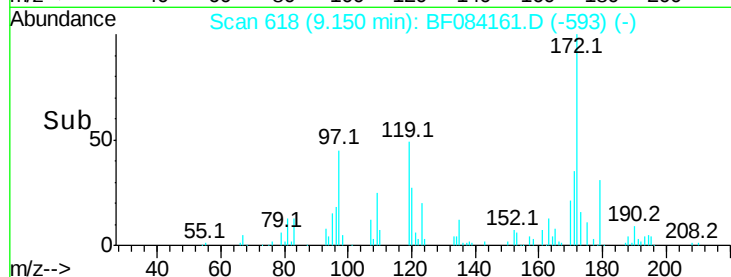
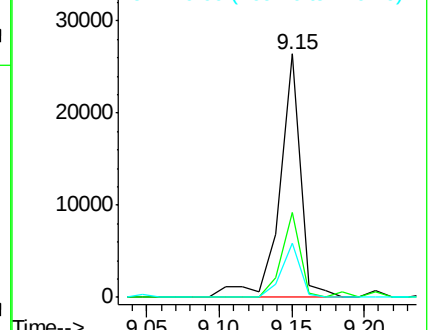
170 22.2 18.6 27.8



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



#51

Acenaphthene

Concen: 7.85 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084161.D

Acq: 28 Dec 2015 17:49

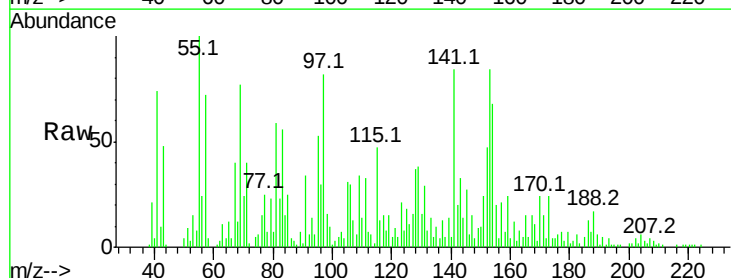
Tgt Ion:154 Resp: 40612

Ion Ratio Lower Upper

154 100

153 123.7 91.5 137.3

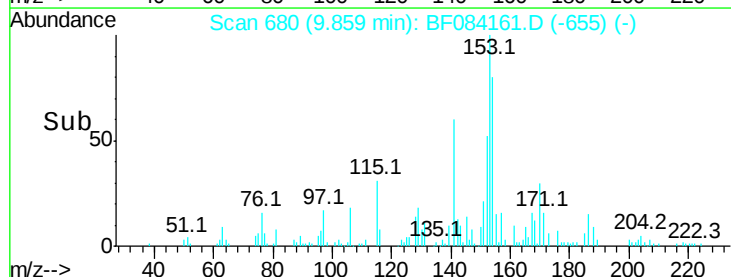
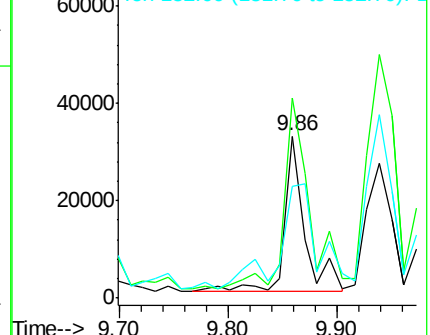
152 68.5 43.0 64.6#

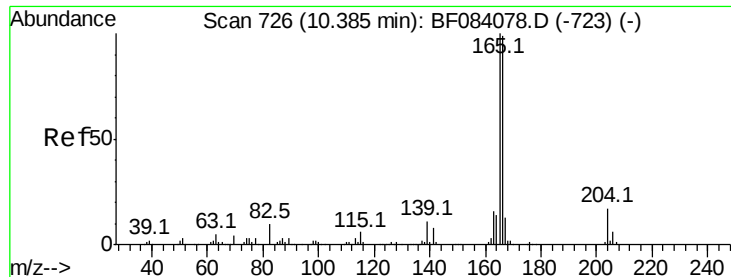


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 11.37 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF084161.D

Acq: 28 Dec 2015 17:49

Instrument :

BNA_F

ClientSampleId :

PJ-SB-3(16.0-16.5)

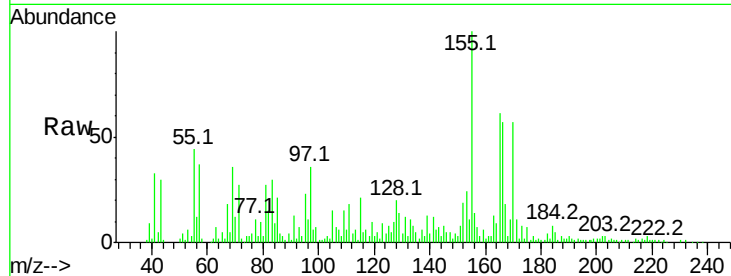
Tot Ion:166 Resp: 68744

Ion Ratio Lower Upper

166 100

165 108.0 79.1 118.7

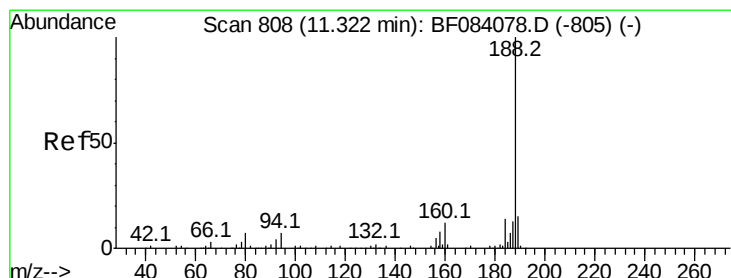
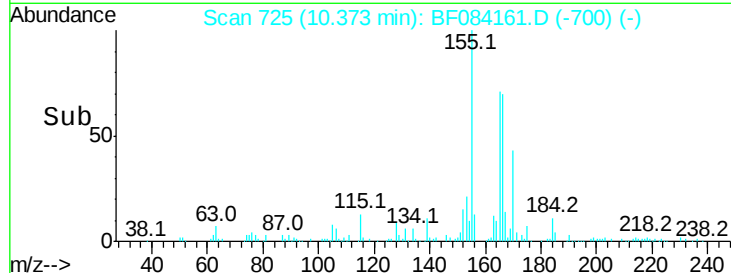
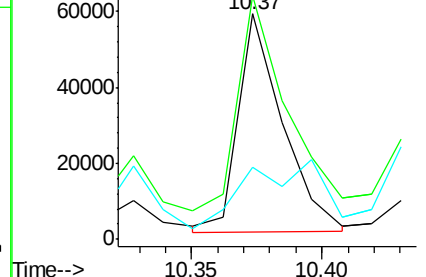
167 32.1 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF084161.D

Acq: 28 Dec 2015 17:49

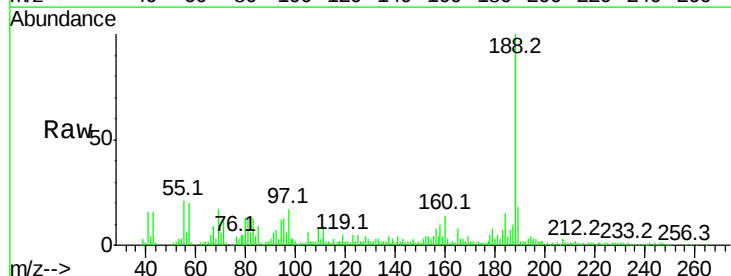
Tgt Ion:188 Resp: 135860

Ion Ratio Lower Upper

188 100

94 11.8 9.0 13.4

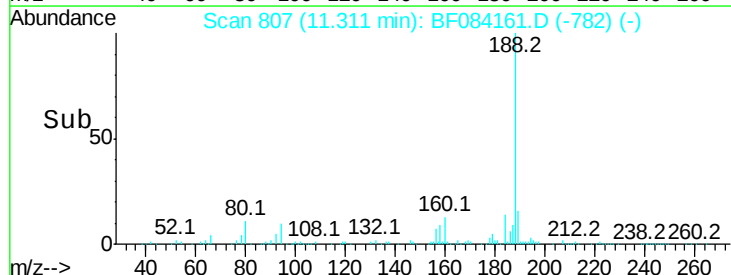
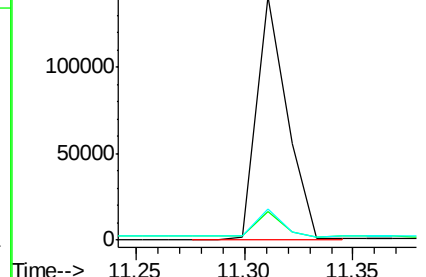
80 12.6 9.6 14.4

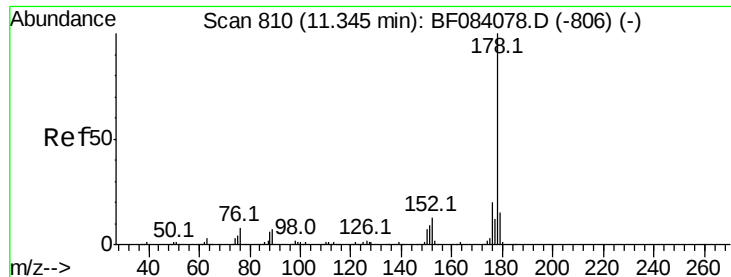


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

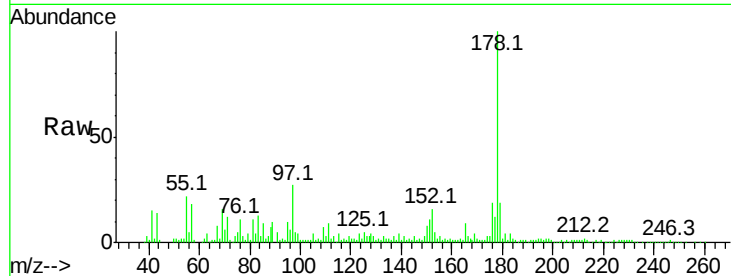




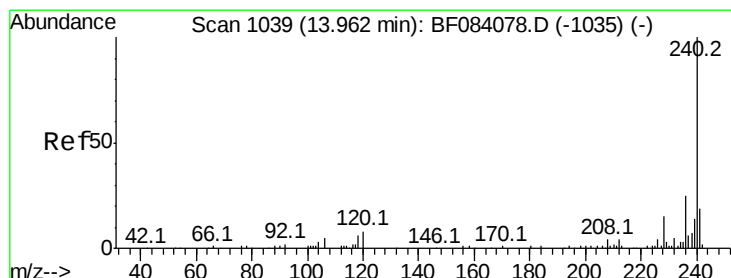
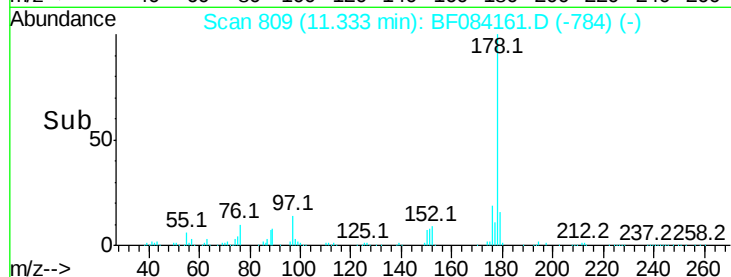
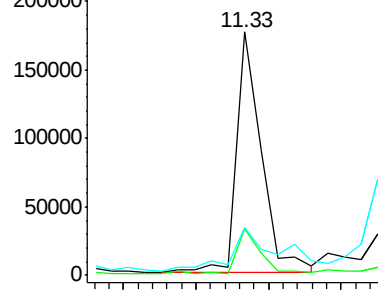
#70
Phenanthrene
Concen: 25.62 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF084161.D
Acq: 28 Dec 2015 17:49

Instrument :
BNA_F
ClientSampleId :
PJ-SB-3(16.0-16.5)

Tot Ion:178 Resp: 206320
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 19.4 12.0 18.0#

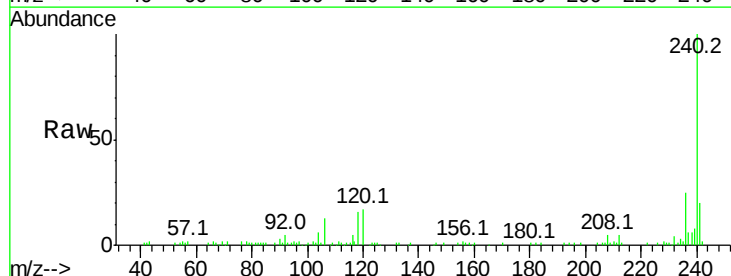


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

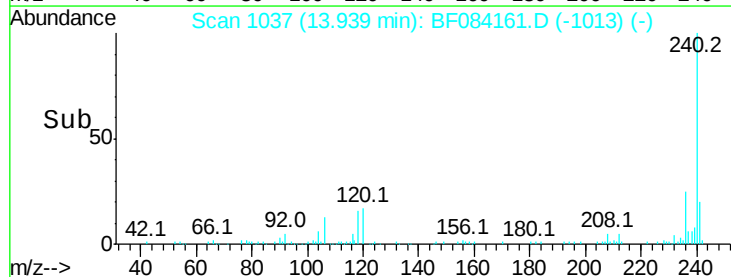
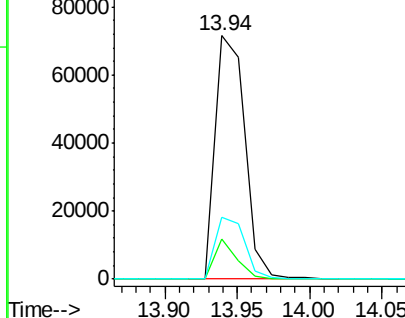


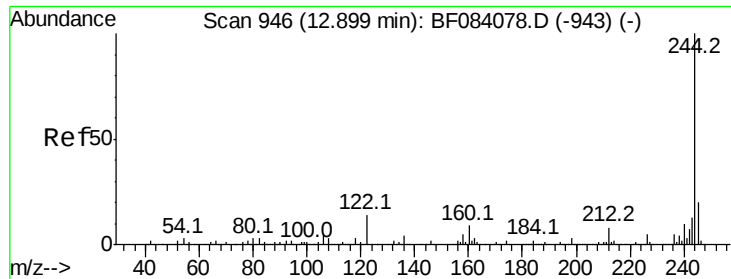
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF084161.D
Acq: 28 Dec 2015 17:49

Tgt Ion:240 Resp: 101547
Ion Ratio Lower Upper
240 100
120 16.7 9.5 14.3#
236 25.3 20.6 31.0



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: 3.02 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF084161.D

Acq: 28 Dec 2015 17:49

Instrument :

BNA_F

ClientSampleId :

PJ-SB-3(16.0-16.5)

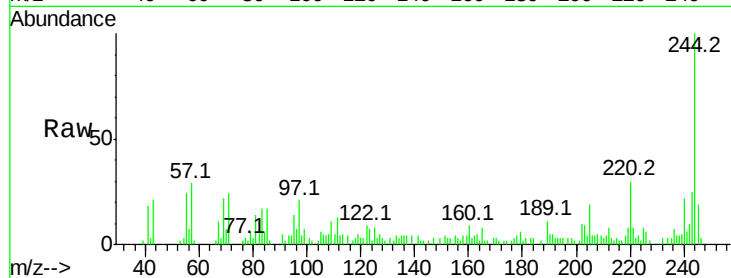
Tot Ion:244 Resp: 16941

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

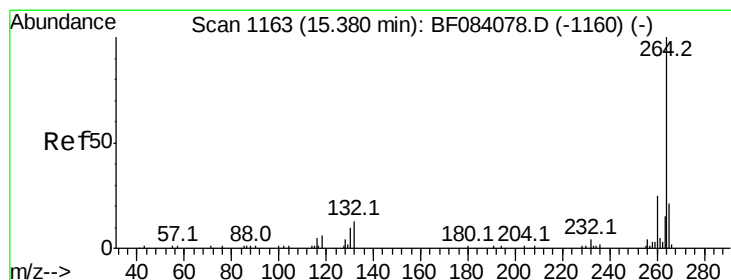
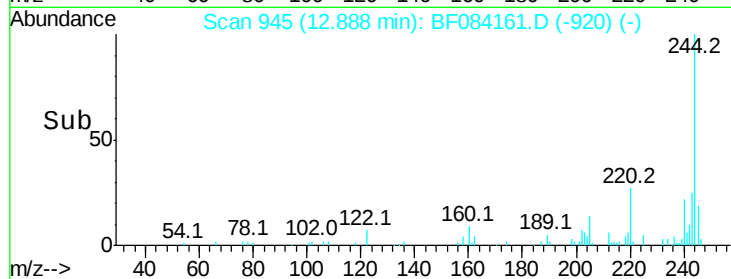
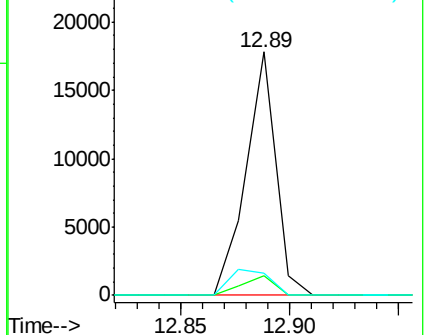
122 9.3 7.4 11.0



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: 15.37 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF084161.D

Acq: 28 Dec 2015 17:49

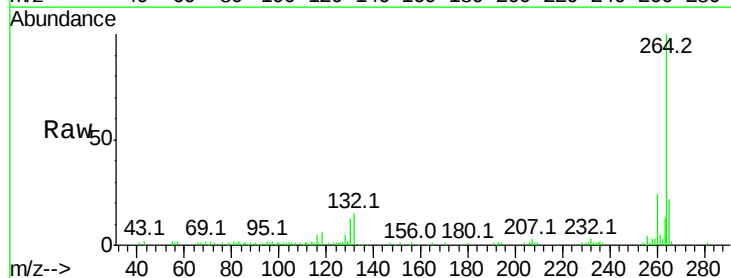
Tgt Ion:264 Resp: 101112

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 22.4 17.8 26.6



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

