

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
 Data File : BF084283.D
 Acq On : 6 Jan 2016 12:10
 Operator : SJ/UM
 Sample : G4986-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5

Quant Time: Jan 07 00:49:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

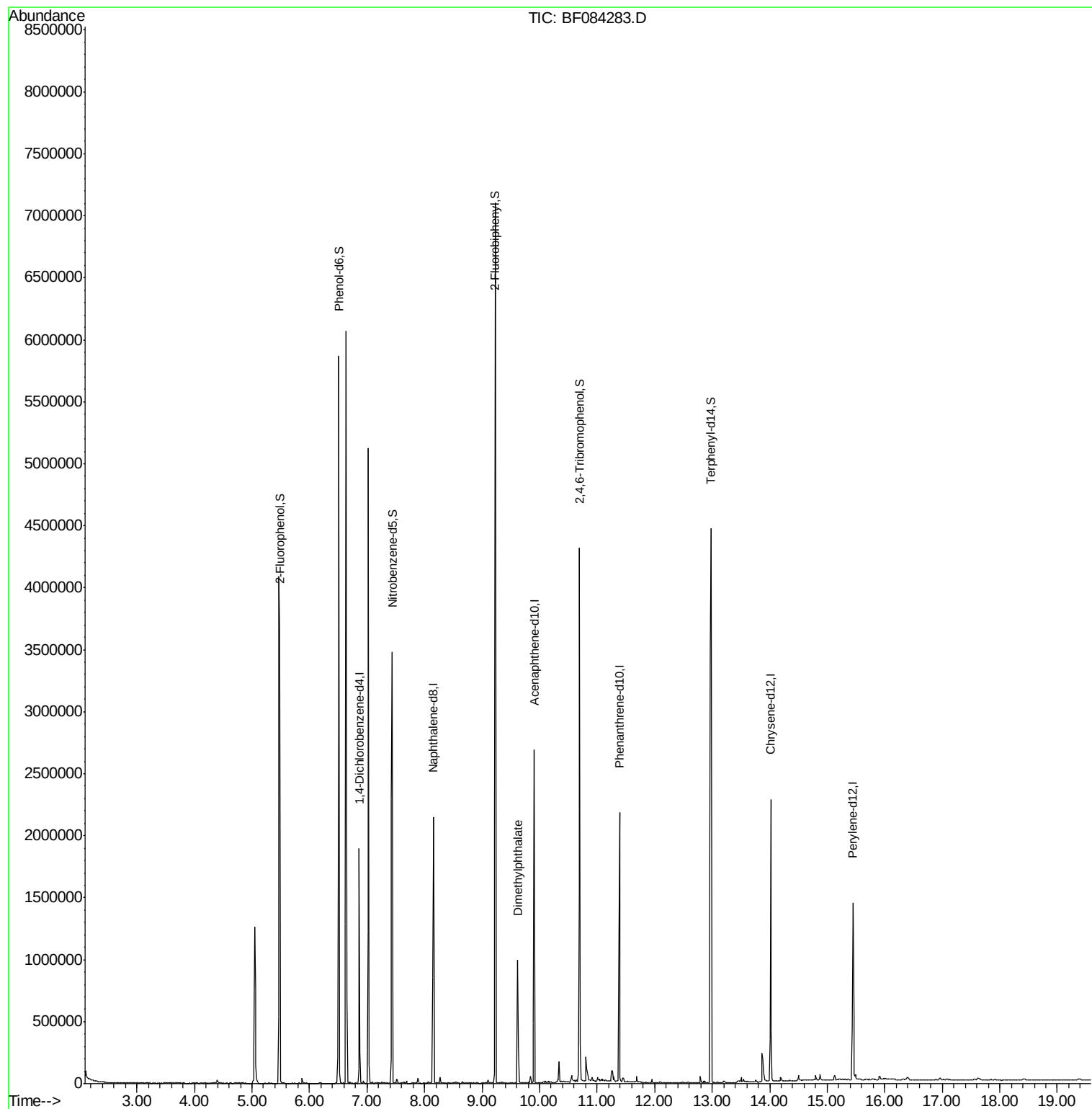
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	240598	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1020069	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	488964	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	910742	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	755695	20.00	ng	-0.05
86) Perylene-d12	15.45	264	629025	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1612649	108.41	ng	-0.01
7) Phenol-d6	6.51	99	2019499	108.10	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1366874	74.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	478101	96.85	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2006846	71.17	ng	-0.03
78) Terphenyl-d14	12.98	244	1851338	54.68	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.62	163	384226	10.99	ng	Qvalue # 89

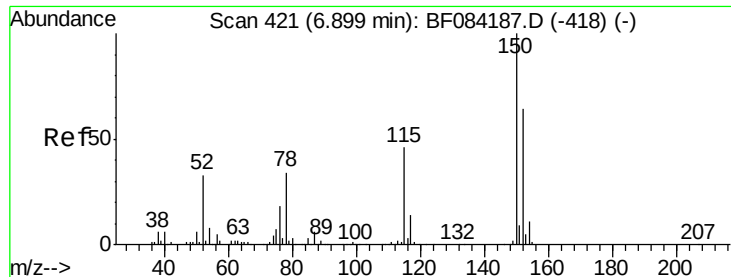
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5

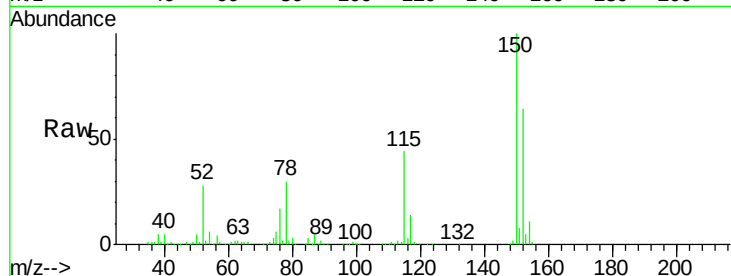
Tot Ion:152 Resp: 240598

Ion Ratio Lower Upper

152 100

150 157.5 123.0 184.4

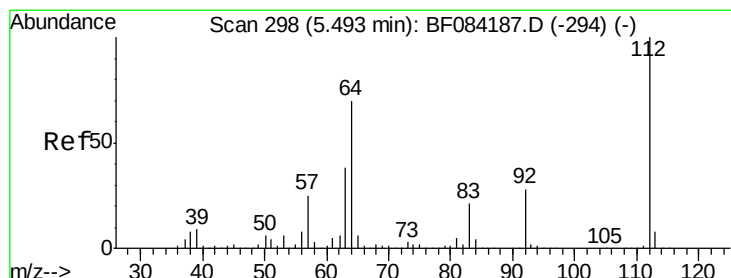
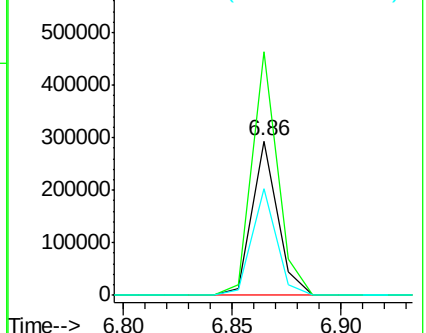
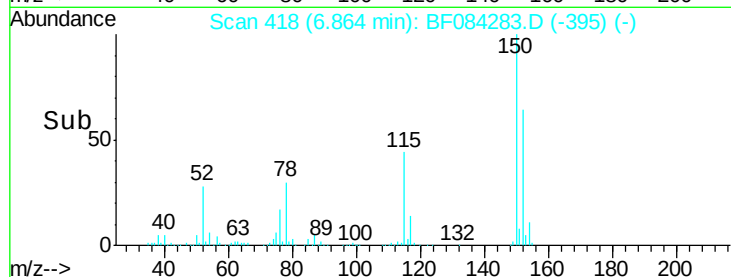
115 68.9 51.4 77.2



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: 108.41 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

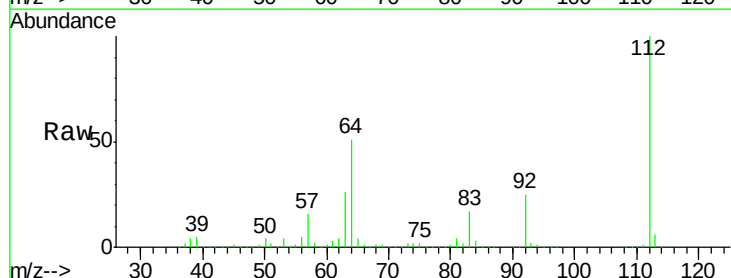
Tgt Ion:112 Resp: 1612649

Ion Ratio Lower Upper

112 100

64 50.9 36.6 55.0

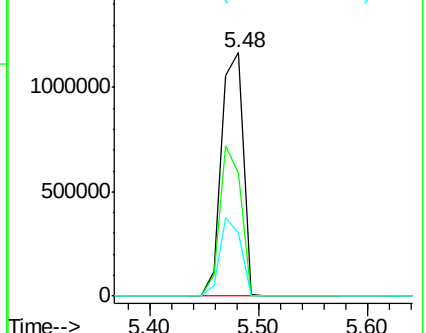
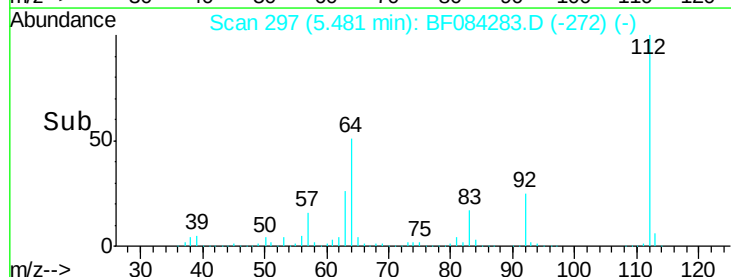
63 26.1 19.4 29.0

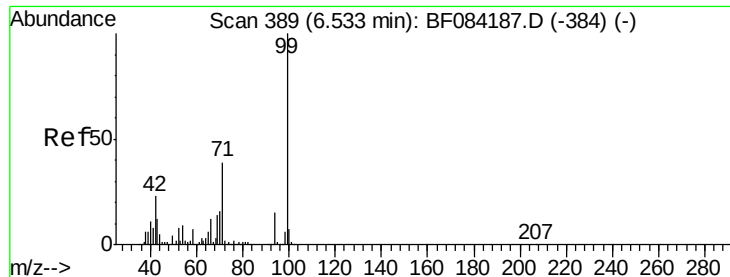


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.10 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5

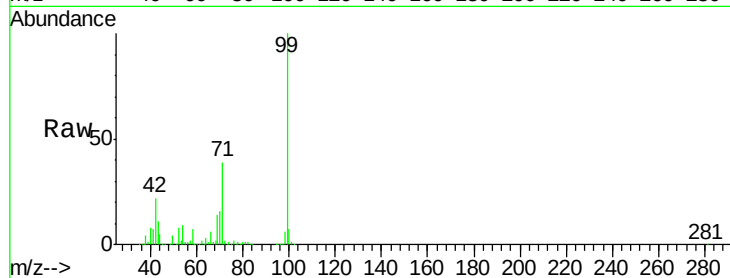
Tot Ion: 99 Resp: 2019499

Ion Ratio Lower Upper

99 100

42 21.9 12.8 19.2#

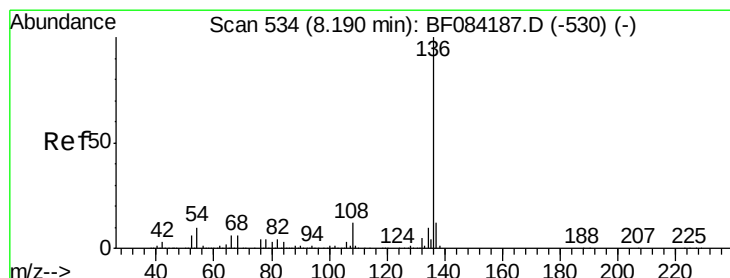
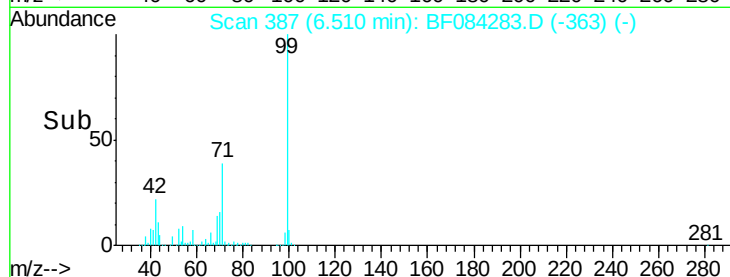
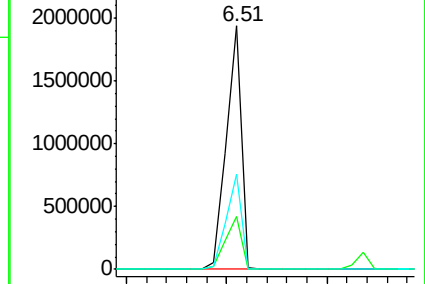
71 38.9 30.9 46.3



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: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

Tgt Ion: 136 Resp: 1020069

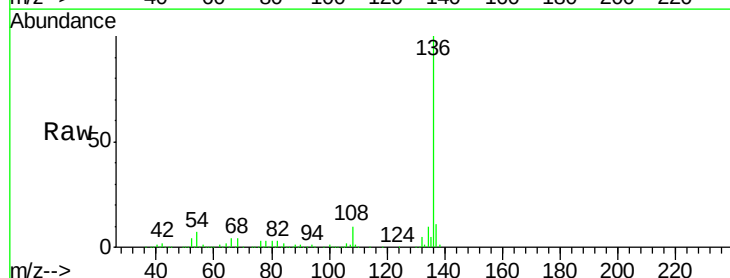
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.1 5.8 8.8

68 4.5 4.2 6.2

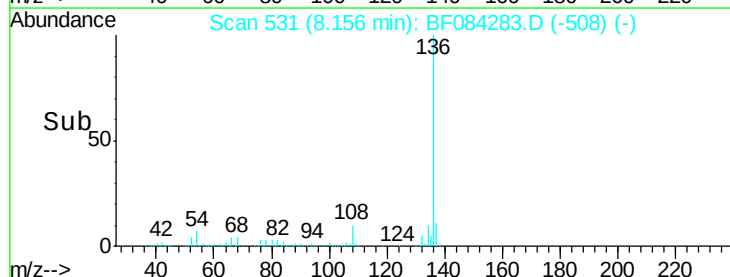
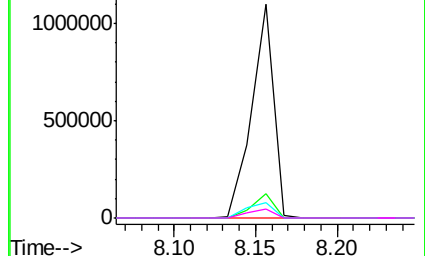


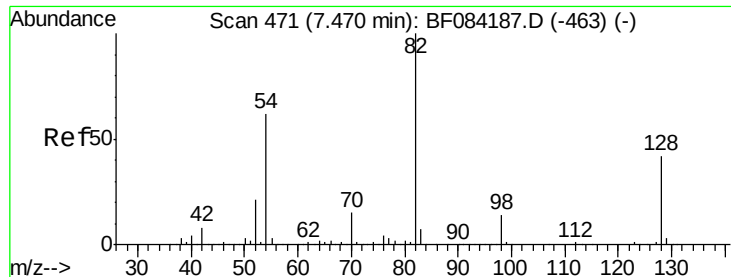
Abundance Ion 136.00 (135.70 to 136.70): E

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



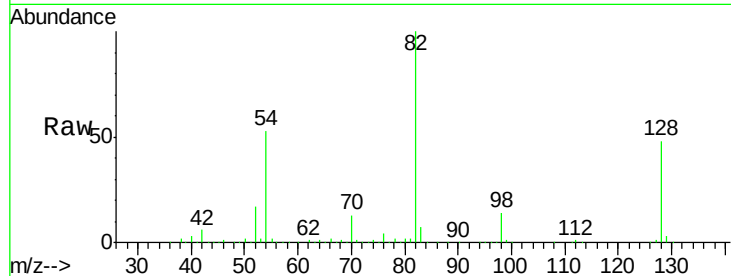


#23
 Nitrobenzene-d5
 Concen: 74.58 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084283.D
 Acq: 6 Jan 2016 12:10

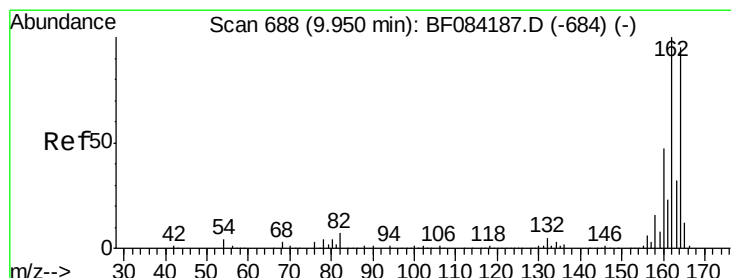
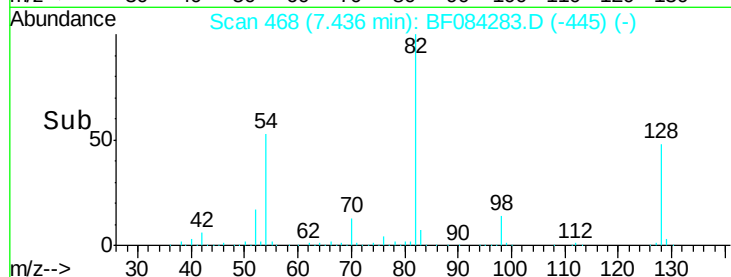
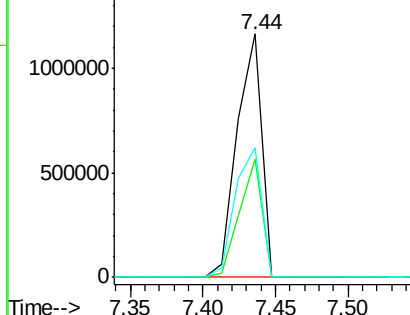
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5

Tot Ion: 82 Resp: 1366874

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.6	51.8
54	53.2	38.4	57.6



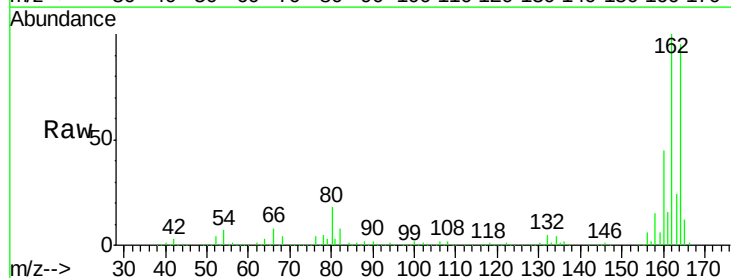
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



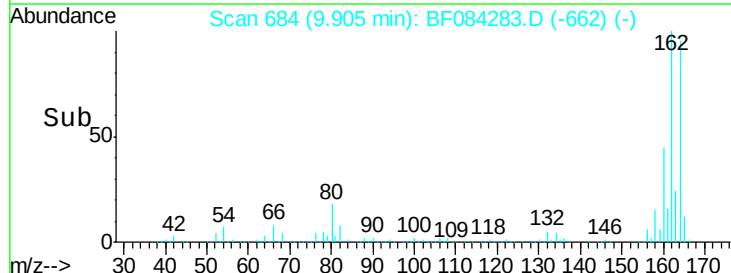
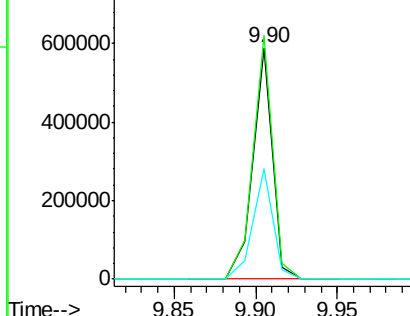
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084283.D
 Acq: 6 Jan 2016 12:10

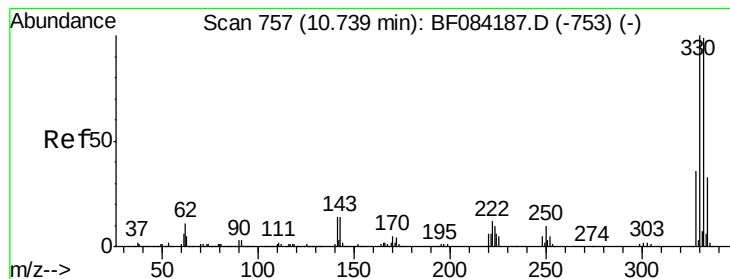
Tgt Ion:164 Resp: 488964

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	47.8	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: 96.85 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5

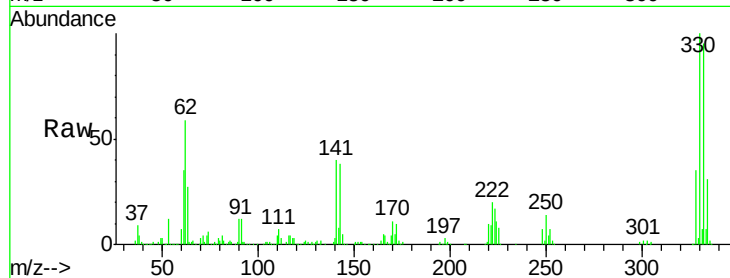
Tot Ion:330 Resp: 478101

Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

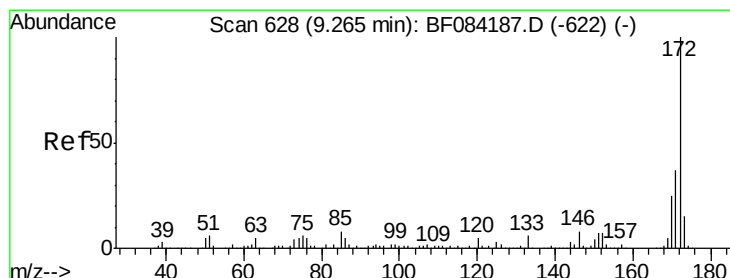
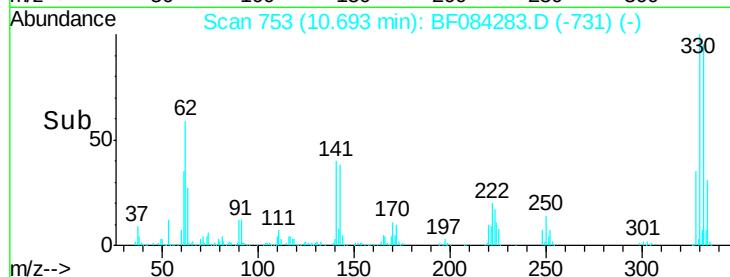
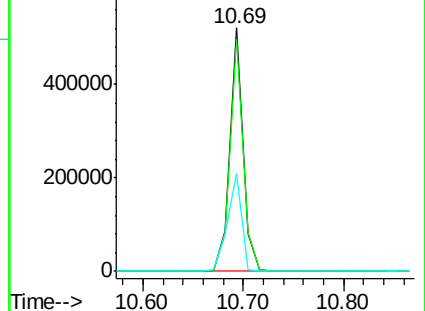
141 42.6 27.8 41.6#



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: 71.17 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

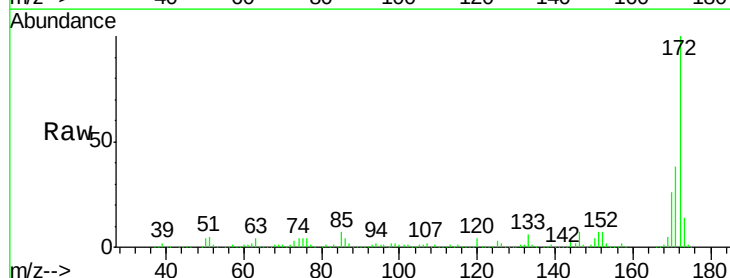
Tgt Ion:172 Resp: 2006846

Ion Ratio Lower Upper

172 100

171 37.8 28.9 43.3

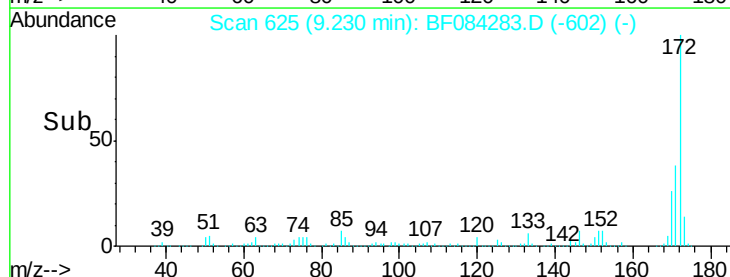
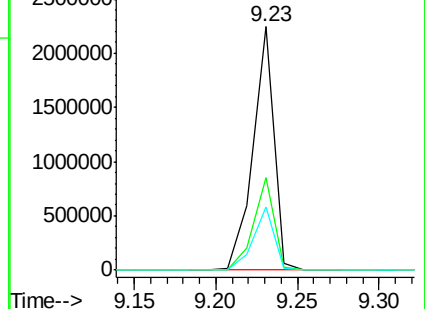
170 26.1 18.6 27.8

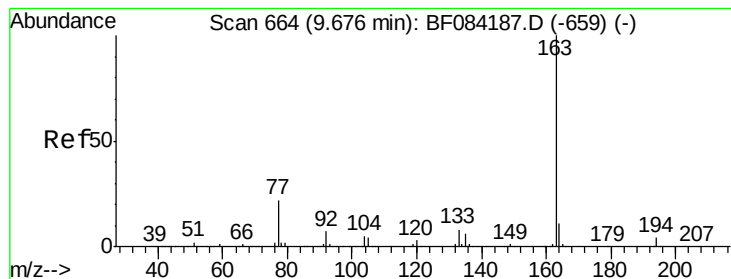


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.99 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5

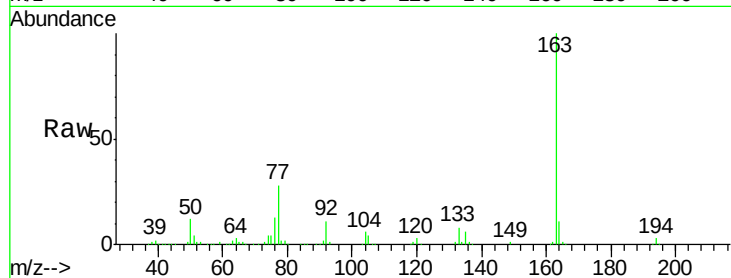
Tot Ion:163 Resp: 384226

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

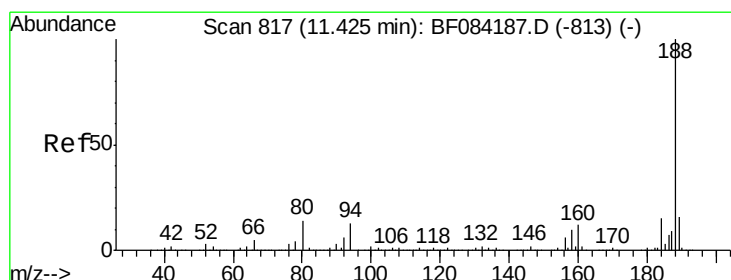
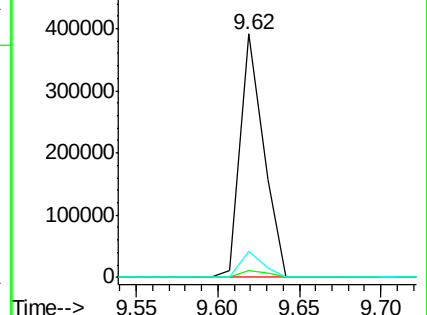
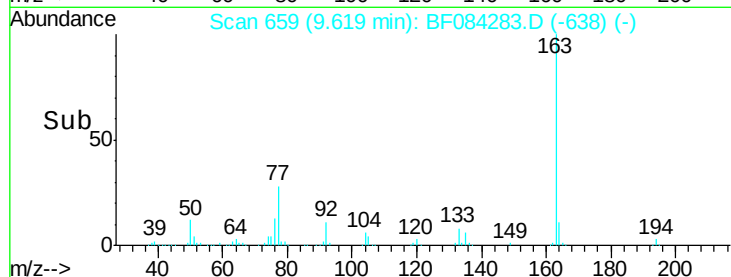
164 10.7 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

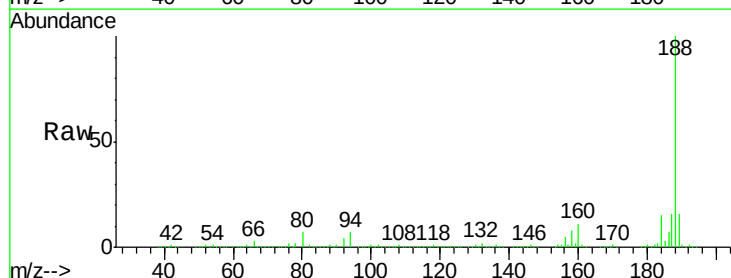
Tgt Ion:188 Resp: 910742

Ion Ratio Lower Upper

188 100

94 6.8 9.0 13.4#

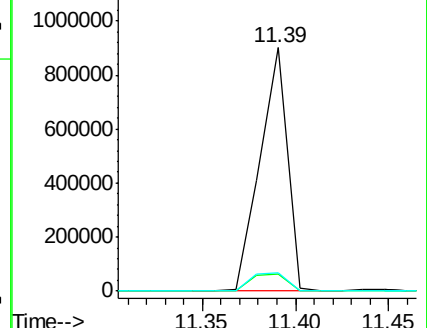
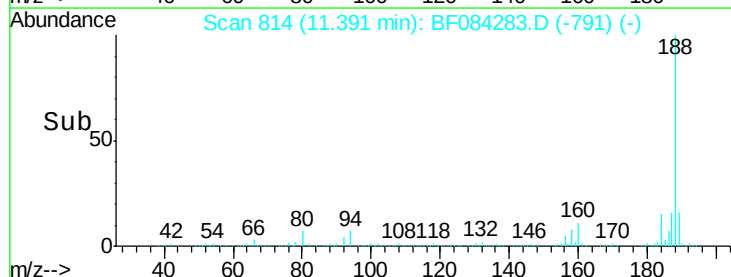
80 7.3 9.6 14.4#

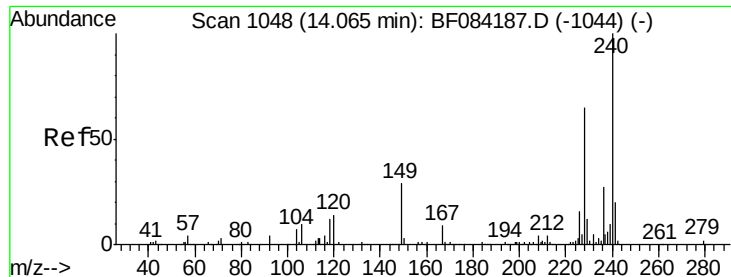


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

Instrument :

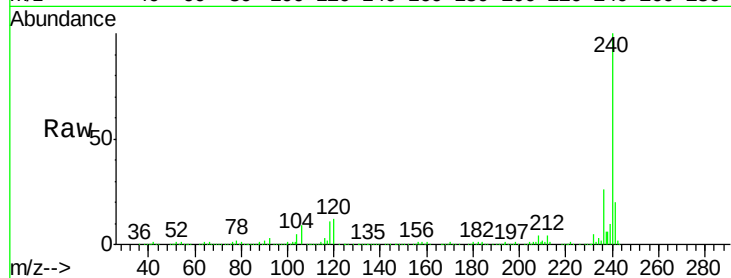
BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5

Tot Ion:240 Resp: 755695

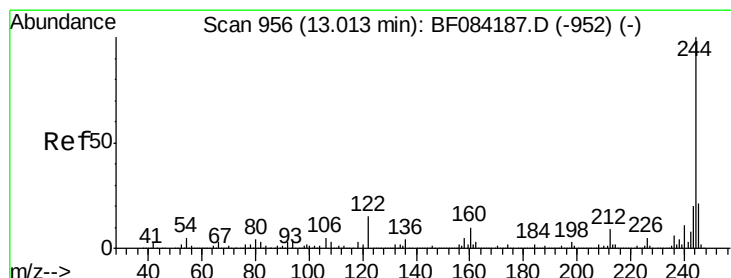
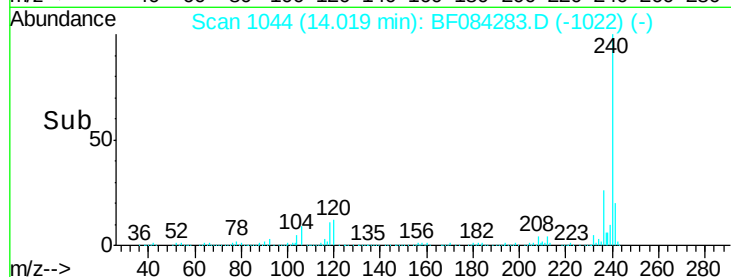
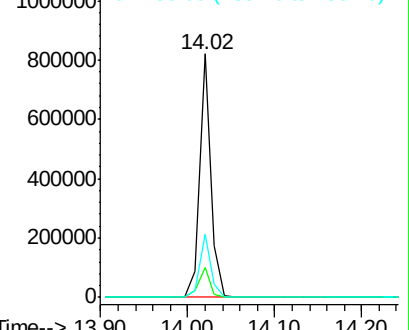
Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.7	20.6	31.0



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: 54.68 ng

RT: 12.98 min Scan# 953

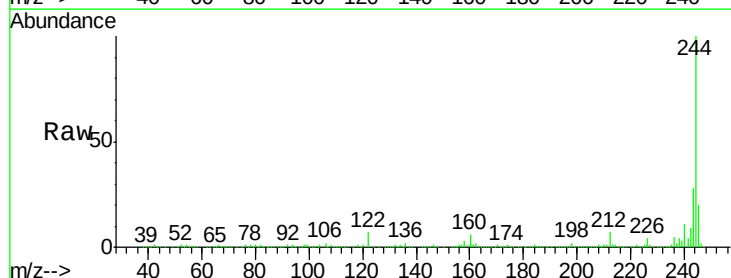
Delta R.T. -0.03 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

Tgt Ion:244 Resp: 1851338

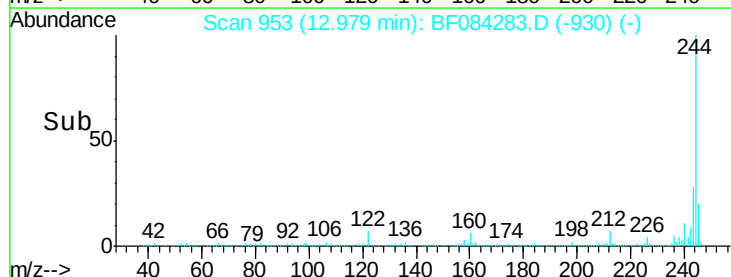
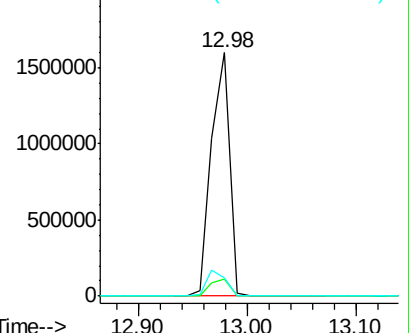
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	7.4	7.4	11.0

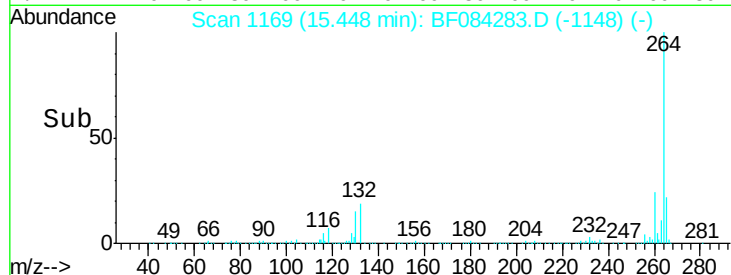
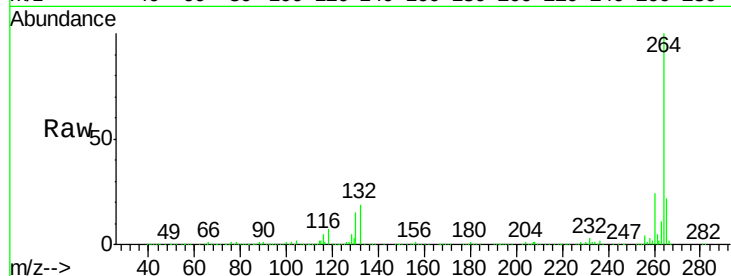
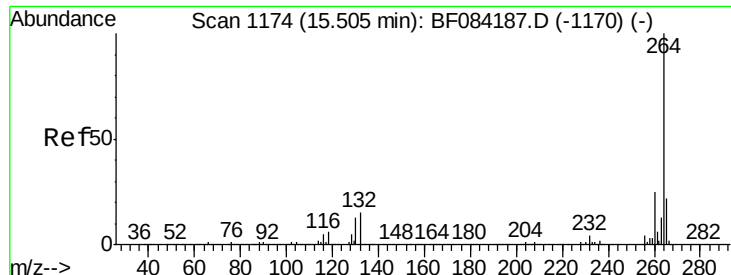


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084283.D
 Acq: 6 Jan 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5

Tot Ion:	264	Resp:	629025
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.0	17.8	26.6

