

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 00:02:57 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

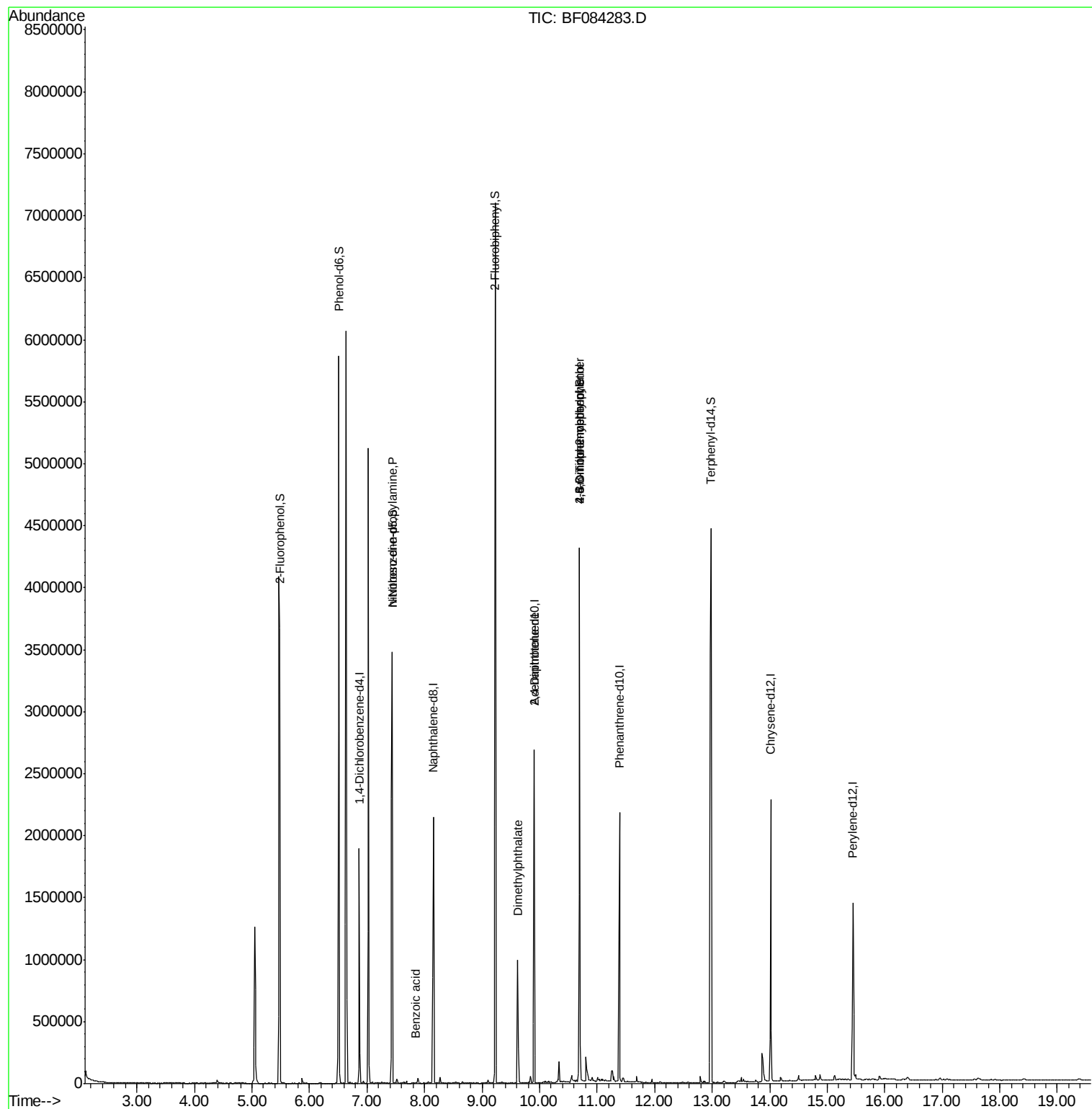
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	240598	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1020069	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	488964	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	910742	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	755695	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						
19) n-Nitroso-di-n-propylamine	7.44	70	185849	14.70	ng	# 75
32) Benzoic acid	7.85	122	1248	6.35	ng	# 68
49) Dimethylphthalate	9.62	163	384226	10.99	ng	# 89
56) 2,4-Dinitrotoluene	9.90	165	62827	6.47	ng	# 21
57) Fluorene	10.69	166	21280	Below Cal		# 82
64) 4,6-Dinitro-2-methylphenol	10.69	198	1219	6.59	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	31809	3.24	ng	# 1
73) Di-n-butylphthalate	11.95	149	13499	Below Cal		# 92

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

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Quant Time: Jan 07 00:02:57 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





#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

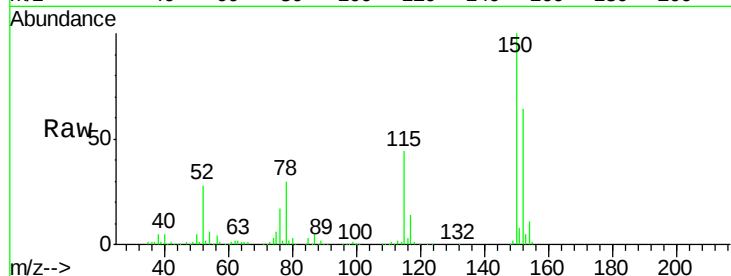
Tgt Ion:152 Resp: 240598

Ion Ratio Lower Upper

152 100

150 157.5 123.0 184.4

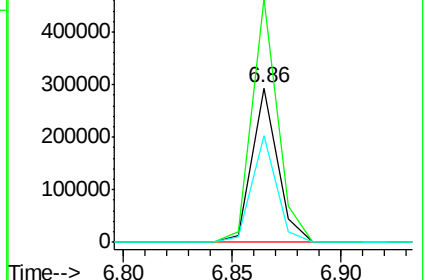
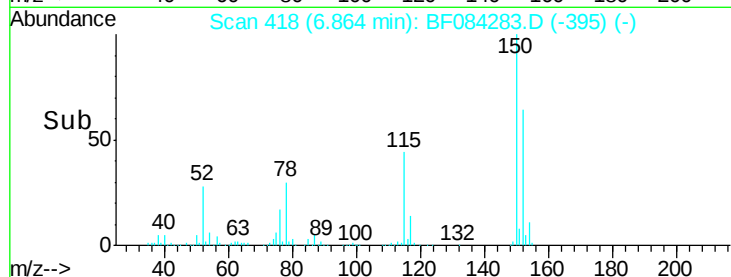
115 68.9 51.4 77.2



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

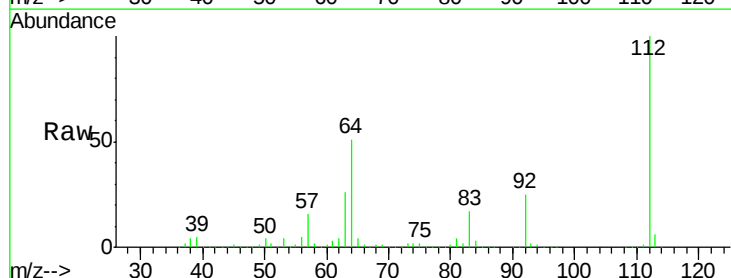
Tgt Ion:112 Resp: 1612649

Ion Ratio Lower Upper

112 100

64 50.9 36.6 55.0

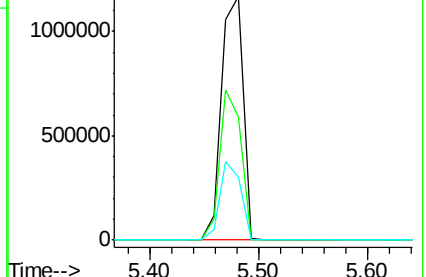
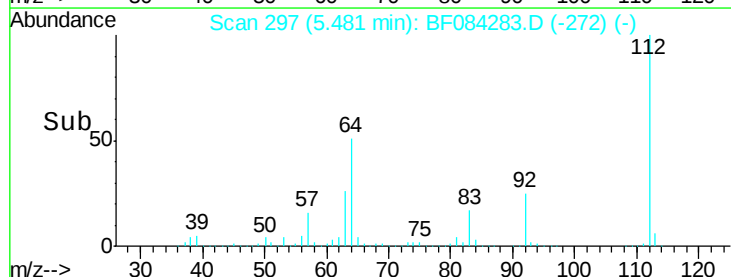
63 26.1 19.4 29.0

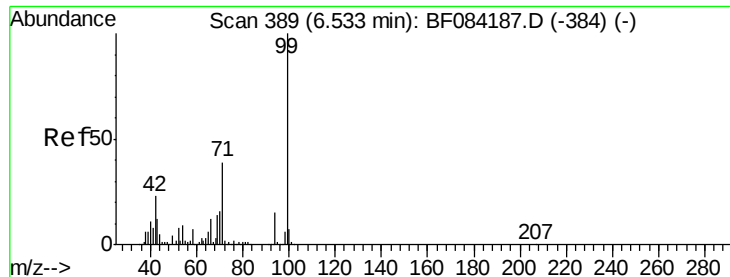


Abundance Ion 112.00 (111.70 to 112.70): E

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

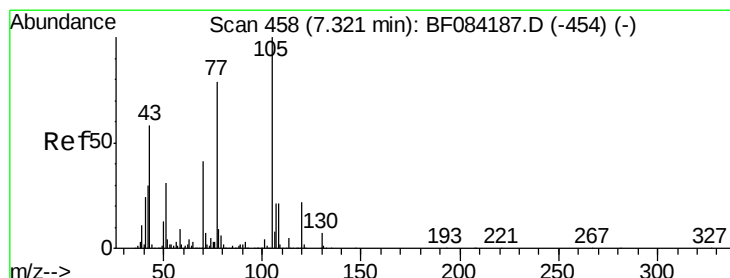
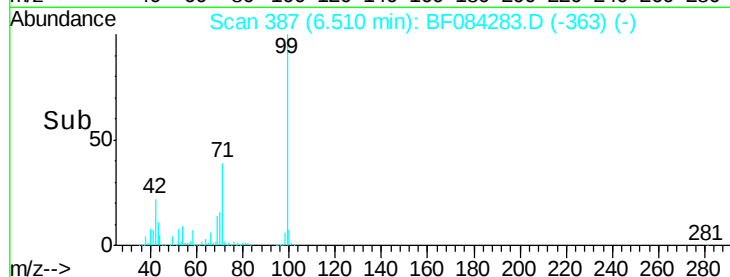
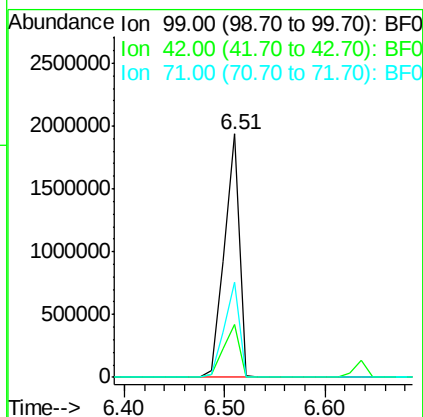
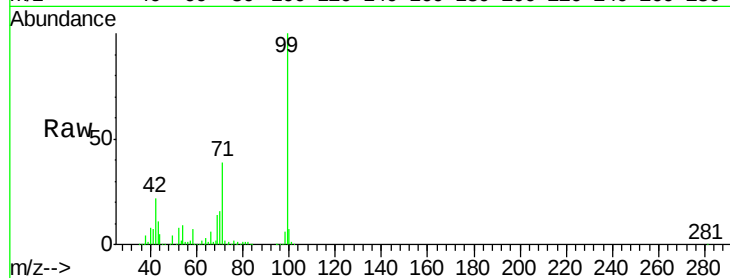
Tgt Ion: 99 Resp: 2019499

Ion Ratio Lower Upper

99 100

42 21.9 12.8 19.2#

71 38.9 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.70 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.11 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

Tgt Ion: 70 Resp: 185849

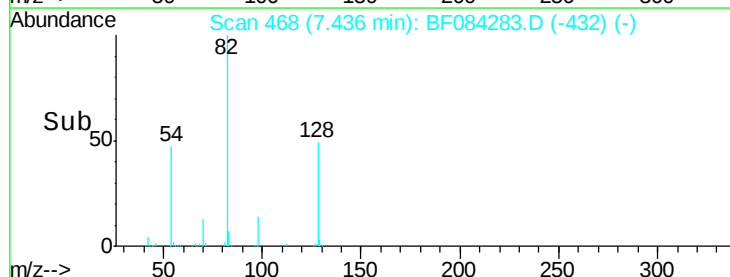
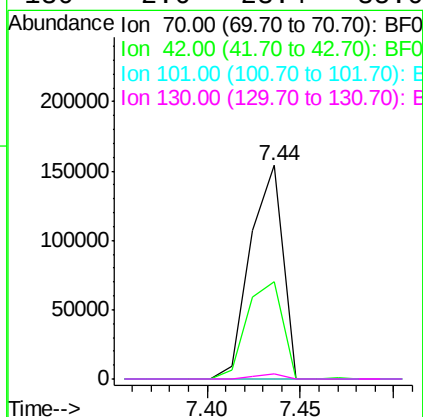
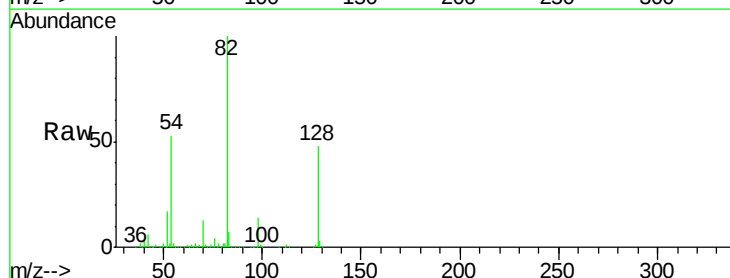
Ion Ratio Lower Upper

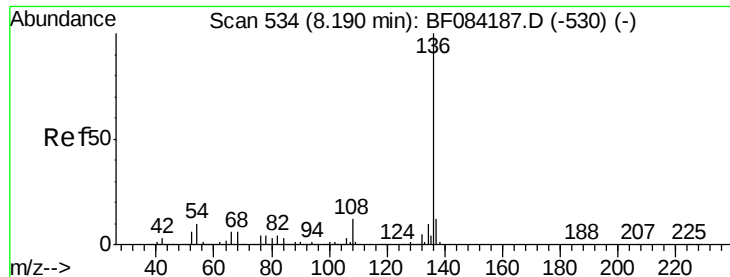
70 100

42 45.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.6 23.4 35.0#

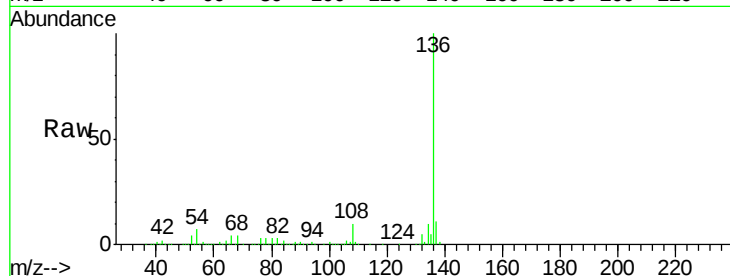




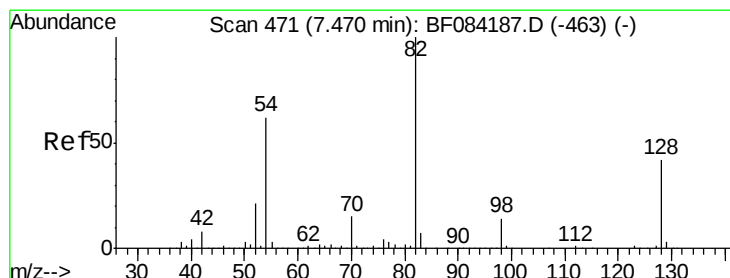
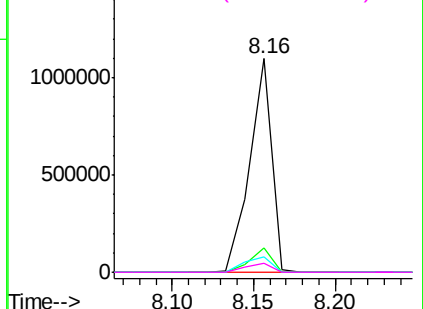
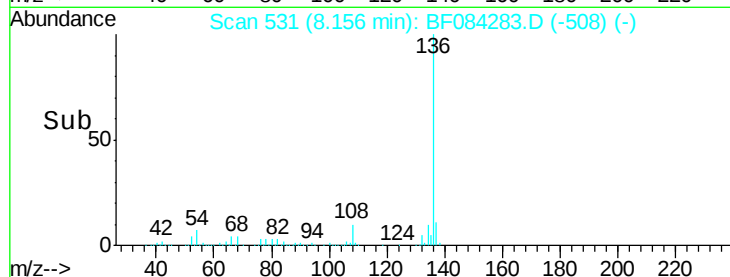
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084283.D
Acq: 6 Jan 2016 12:10

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

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

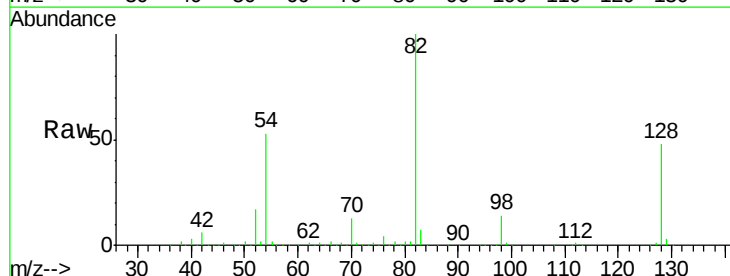


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

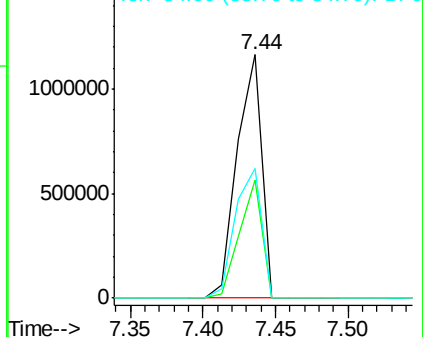
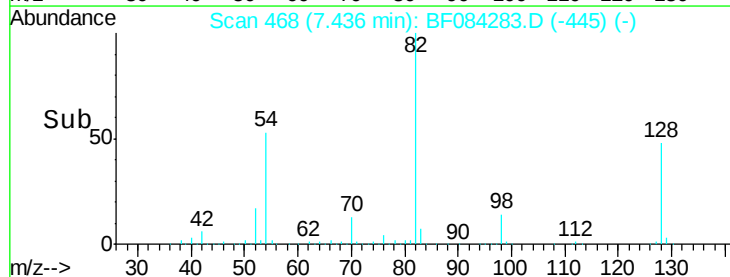


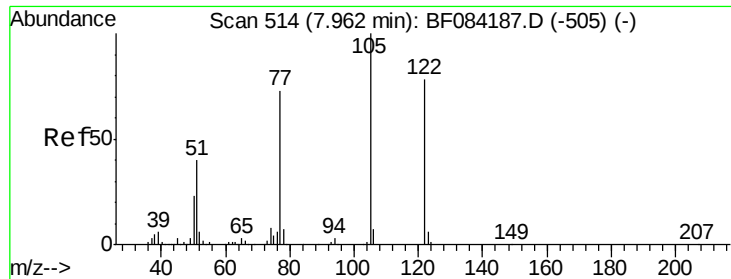
#23
Nitrobenzene-d5
Concen: 74.58 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084283.D
Acq: 6 Jan 2016 12:10

Tgt 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





#32

Benzoic acid

Concen: 6.35 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.11 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5

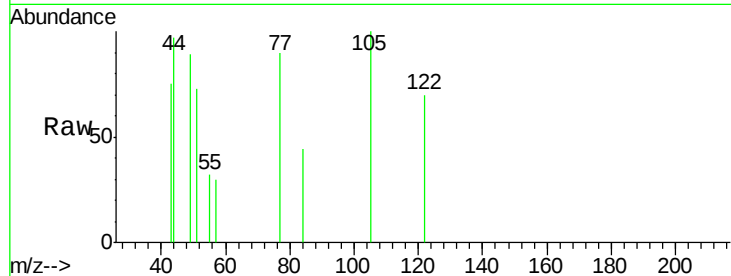
Tgt Ion:122 Resp: 1248

Ion Ratio Lower Upper

122 100

105 142.4 100.3 140.3#

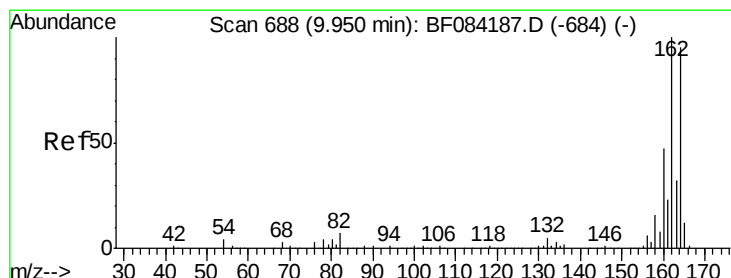
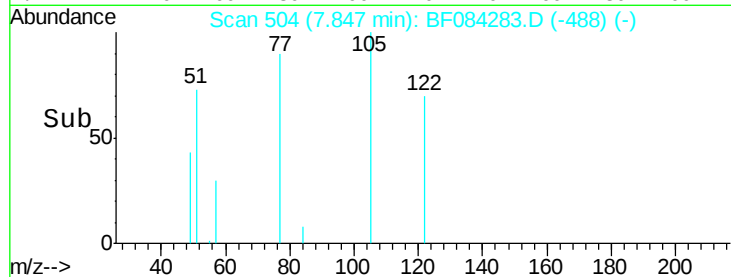
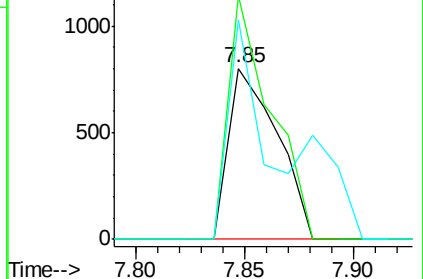
77 128.0 63.5 103.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): 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

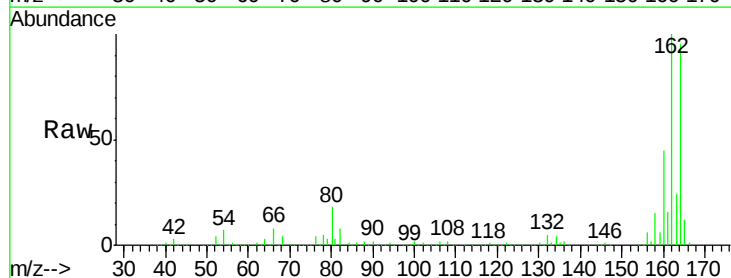
Tgt Ion:164 Resp: 488964

Ion Ratio Lower Upper

164 100

162 105.5 85.1 127.7

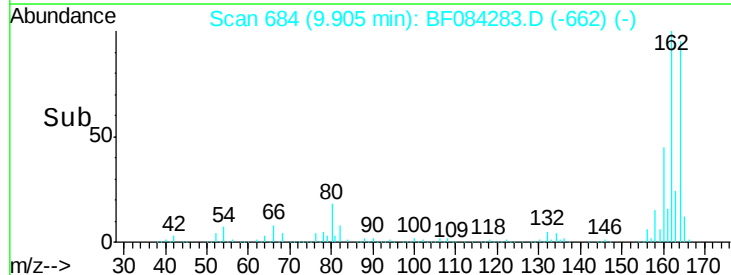
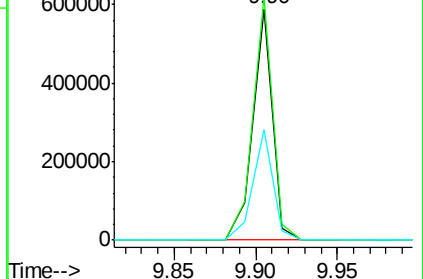
160 47.8 37.5 56.3



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

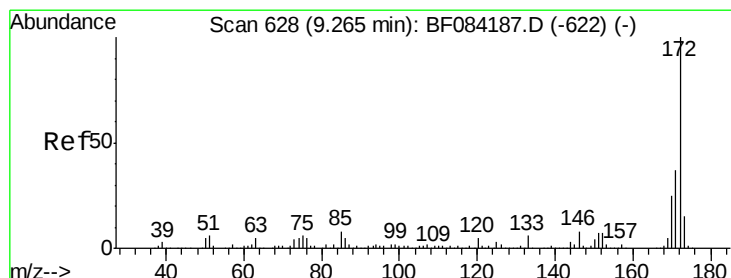
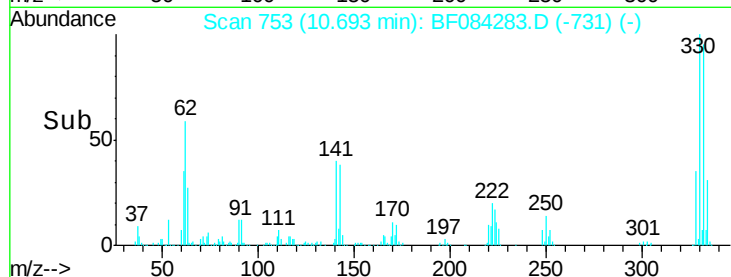
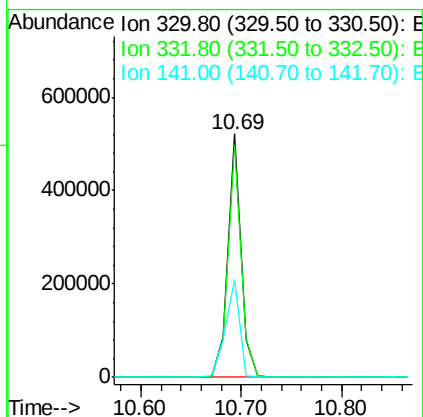
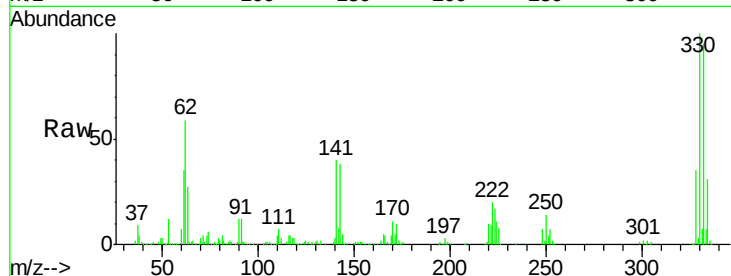




#41
 2,4,6-Tribromophenol
 Concen: 96.85 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084283.D
 Acq: 6 Jan 2016 12:10

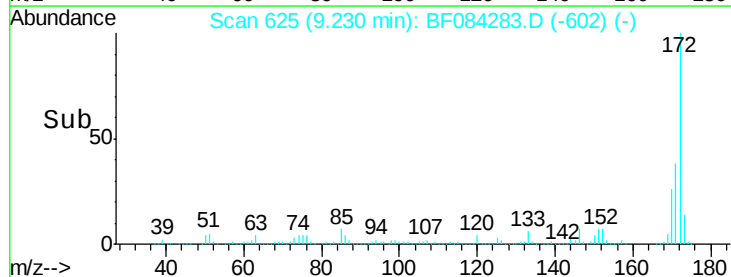
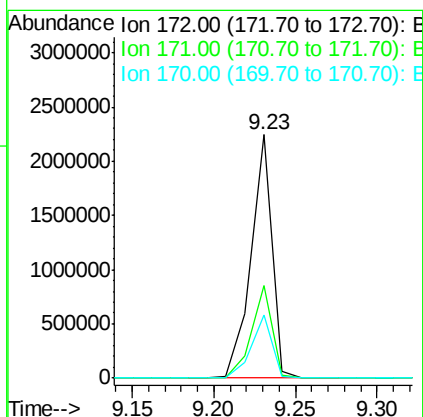
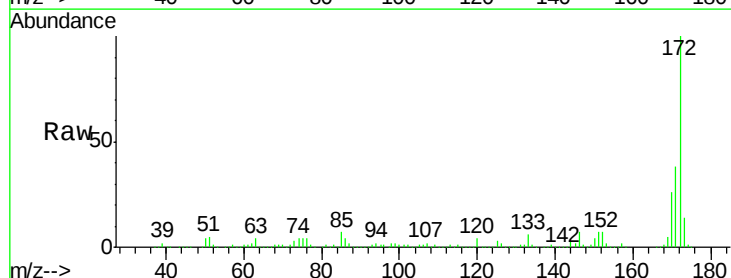
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5

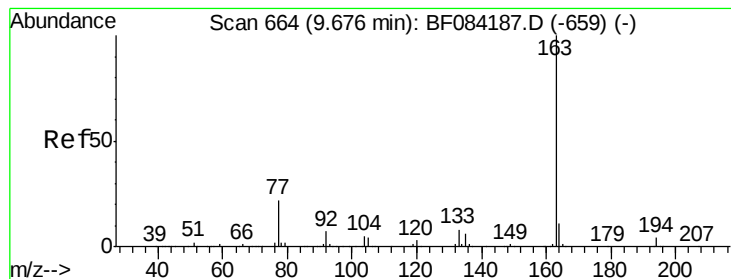
Tgt Ion:330 Resp: 478101
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 42.6 27.8 41.6#



#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





#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

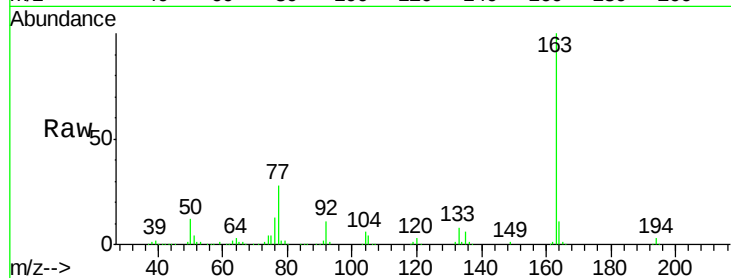
Tgt Ion:163 Resp: 384226

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

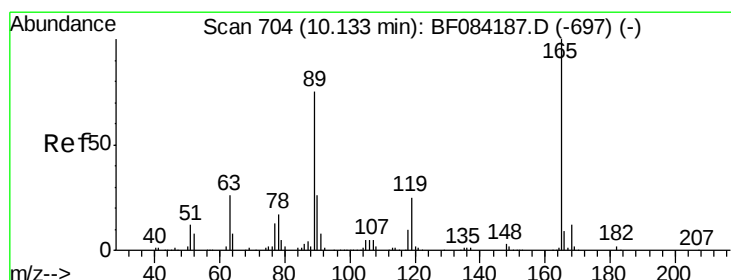
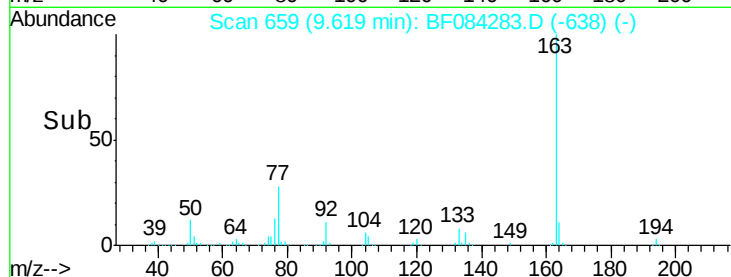
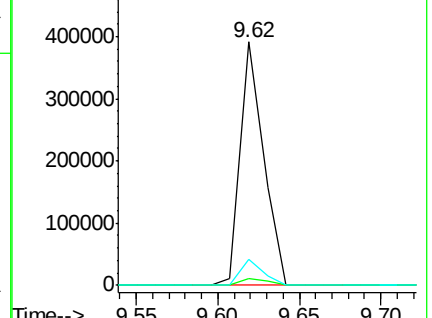
164 10.7 8.0 12.0



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



#56

2,4-Dinitrotoluene

Concen: 6.47 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.23 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

Tgt Ion:165 Resp: 62827

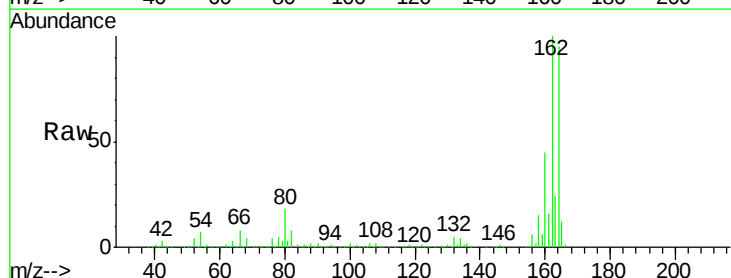
Ion Ratio Lower Upper

165 100

63 1.4 36.7 55.1#

89 1.6 61.9 92.9#

182 0.0 2.0 3.0#

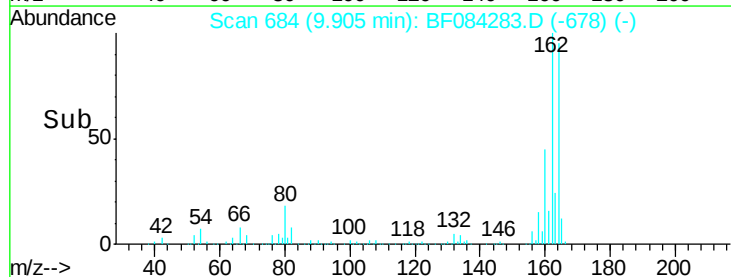
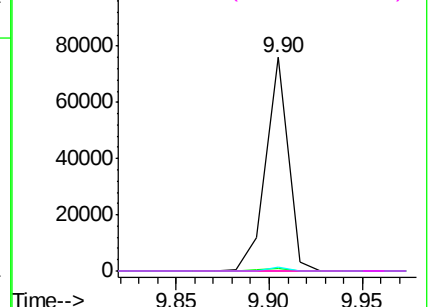


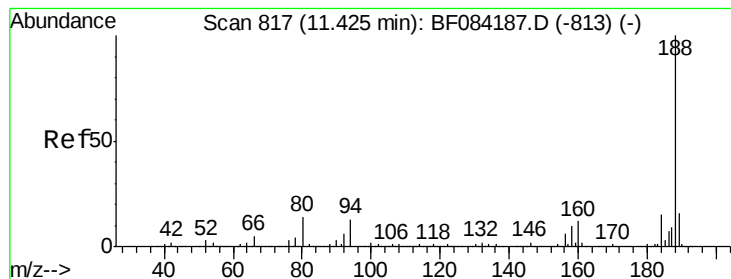
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.39 min Scan# 814

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

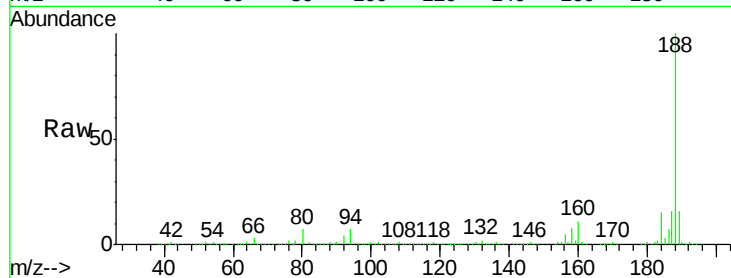
Tgt Ion:188 Resp: 910742

Ion Ratio Lower Upper

188 100

94 6.8 9.0 13.4#

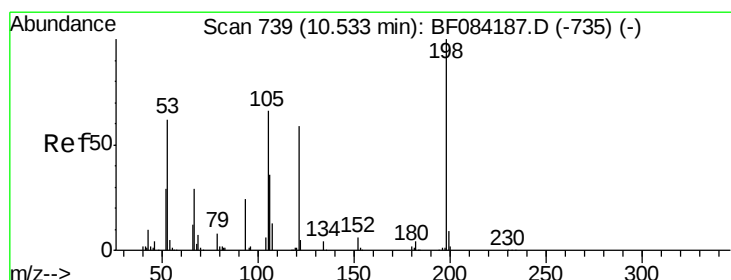
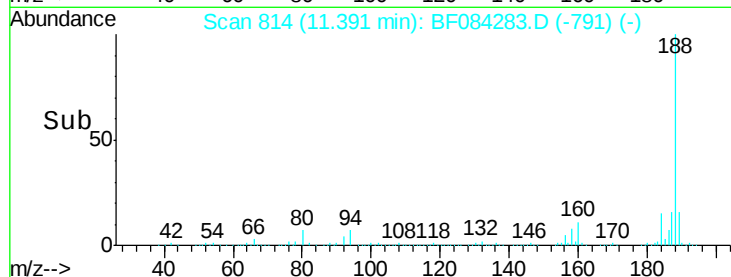
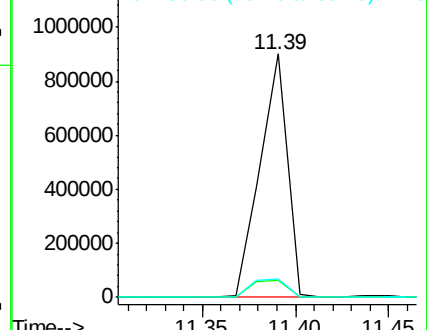
80 7.3 9.6 14.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.59 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

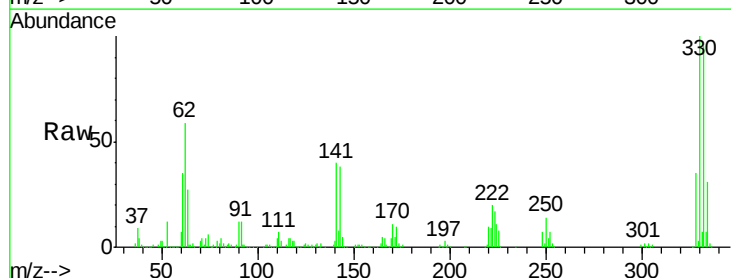
Tgt Ion:198 Resp: 1219

Ion Ratio Lower Upper

198 100

51 175.5 18.9 58.9#

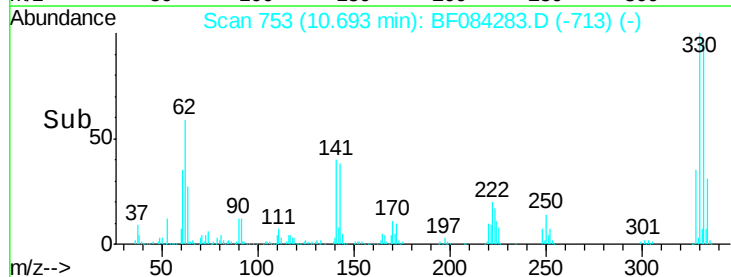
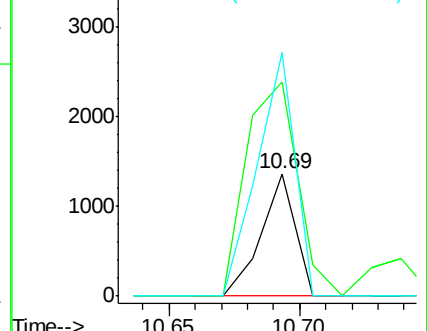
105 199.2 26.4 66.4#

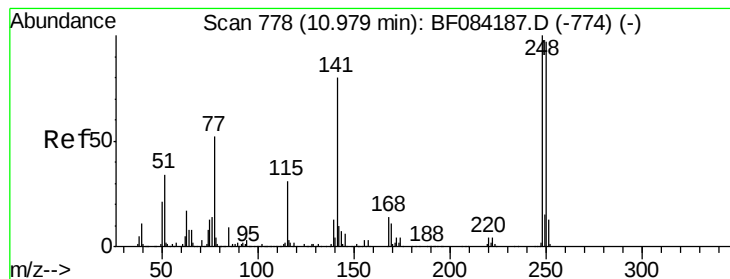


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.24 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.29 min

Lab File: BF084283.D

Acq: 6 Jan 2016 12:10

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5

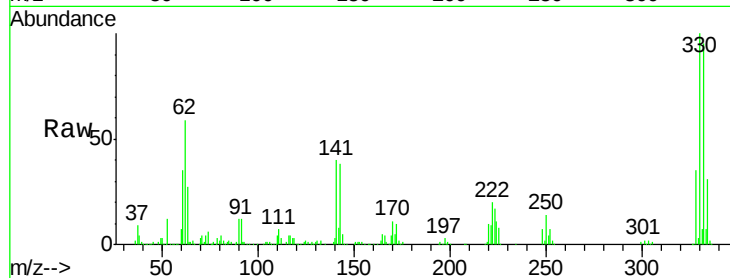
Tgt Ion:248 Resp: 31809

Ion Ratio Lower Upper

248 100

250 203.9 78.4 117.6#

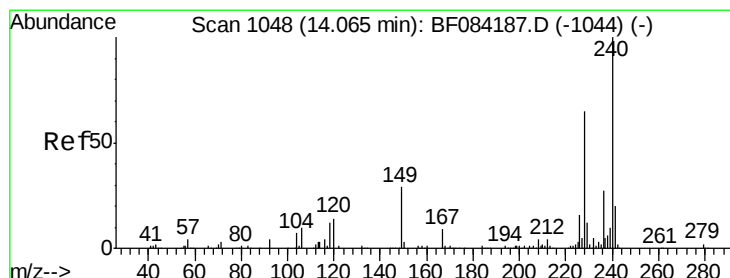
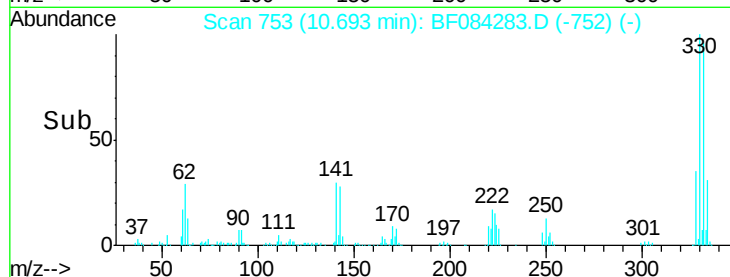
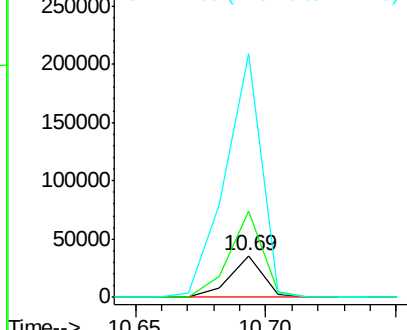
141 579.5 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#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

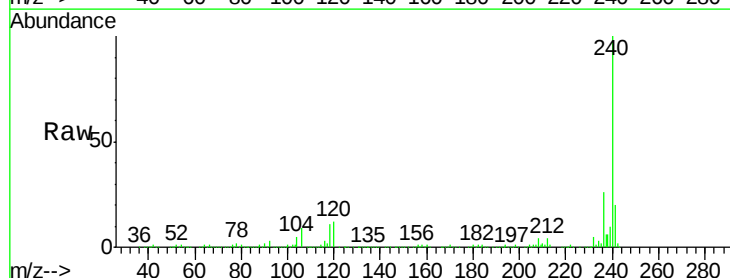
Tgt Ion:240 Resp: 755695

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

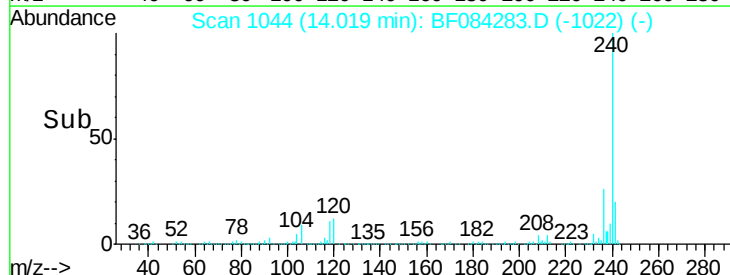
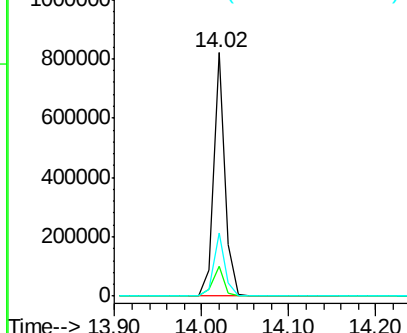
236 25.7 20.6 31.0

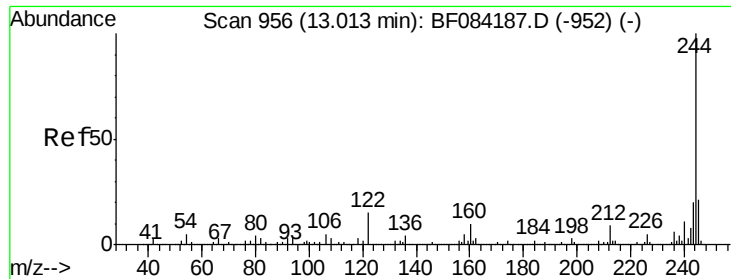


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

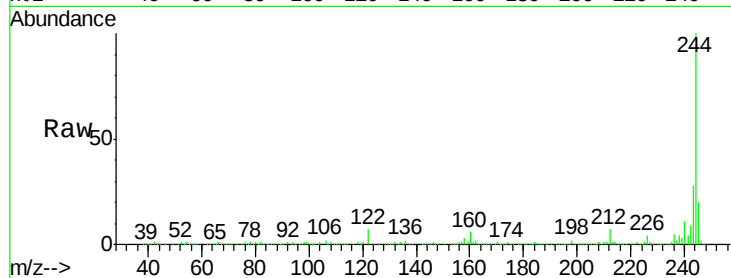




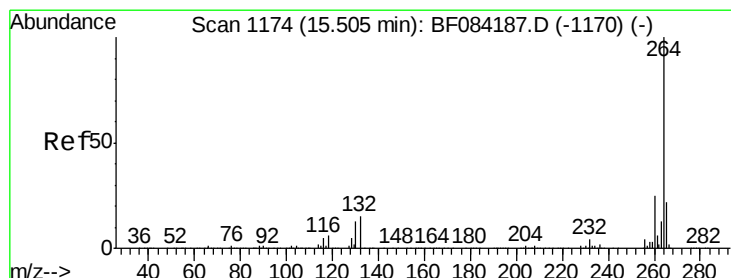
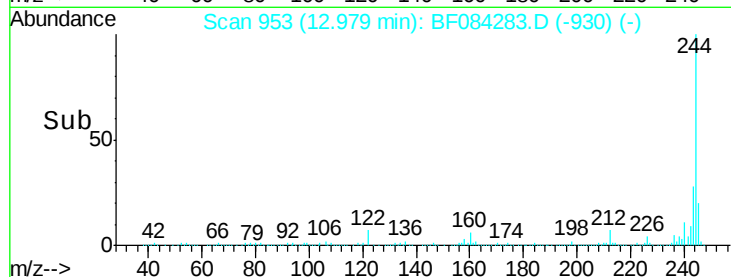
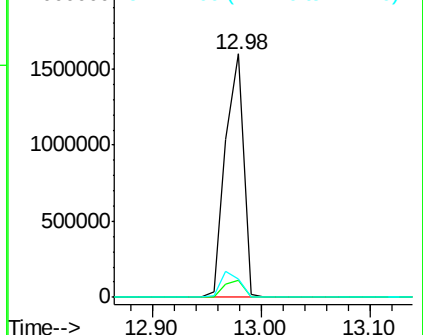
#78
 Terphenyl-d14
 Concen: 54.68 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084283.D
 Acq: 6 Jan 2016 12:10

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

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

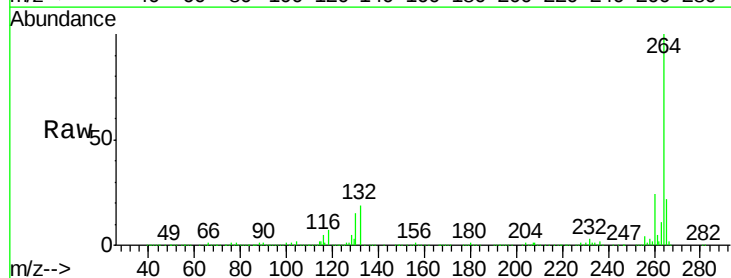


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-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

Tgt Ion:264 Resp: 629025
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 22.0 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

