

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012016\
 Data File : BF084570.D
 Acq On : 20 Jan 2016 17:50
 Operator : SJ/UM
 Sample : PB87882TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87882TB

Quant Time: Jan 20 22:08:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	196680	20.00	ng	-0.06
21) Naphthalene-d8	8.06	136	886006	20.00	ng	-0.06
38) Acenaphthene-d10	9.82	164	420380	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	786018	20.00	ng	-0.05
75) Chrysene-d12	13.94	240	640007	20.00	ng	-0.06
86) Perylene-d12	15.36	264	492709	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1496581	123.08	ng	-0.05
7) Phenol-d6	6.43	99	1912310	125.22	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1097913	68.97	ng	-0.06
41) 2,4,6-Tribromophenol	10.61	330	468885	110.48	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	2140033	89.92	ng	-0.05
78) Terphenyl-d14	12.90	244	1945685	67.86	ng	-0.05

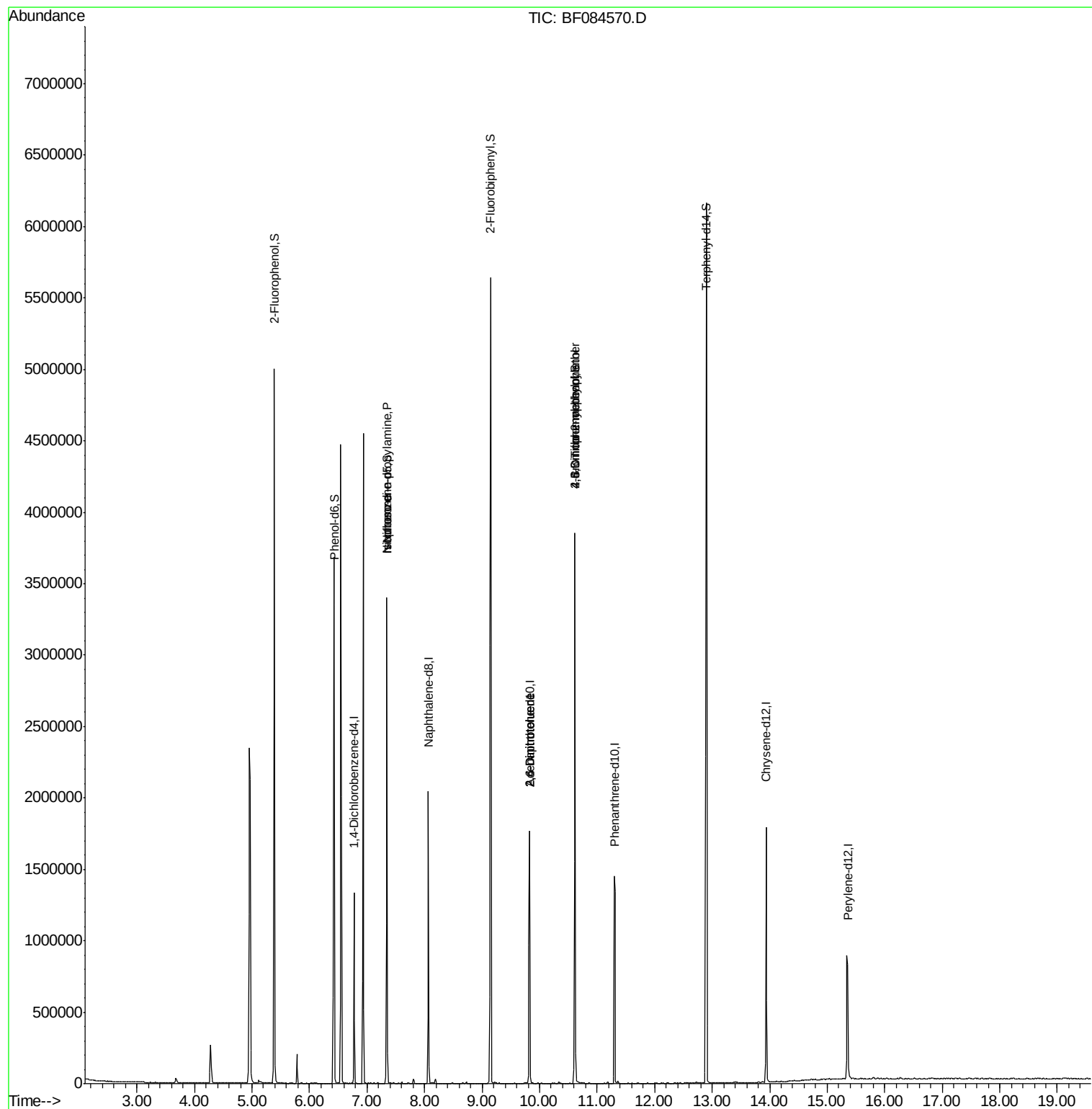
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	153253	14.82	ng	# 71
25) Isophorone	7.34	82	828267	27.20	ng	# 66
50) 2,6-Dinitrotoluene	9.82	165	53509	8.12	ng	# 38
54) Dibenzofuran	10.03	168	955	Below Cal		# 84
56) 2,4-Dinitrotoluene	9.82	165	53509	6.41	ng	# 21
57) Fluorene	10.61	166	21668	Below Cal		# 94
64) 4,6-Dinitro-2-methylphenol	10.61	198	1300	6.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	30284	3.58	ng	# 1
73) Di-n-butylphthalate	11.88	149	1878	Below Cal		# 79

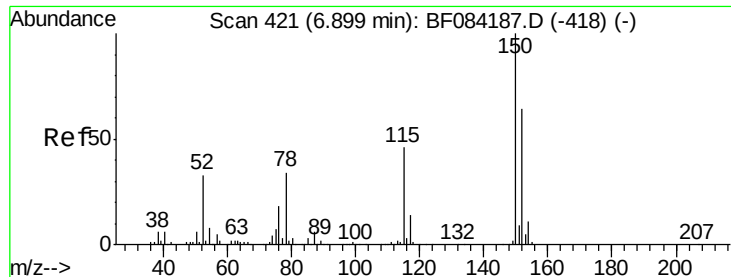
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.06 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB87882TB

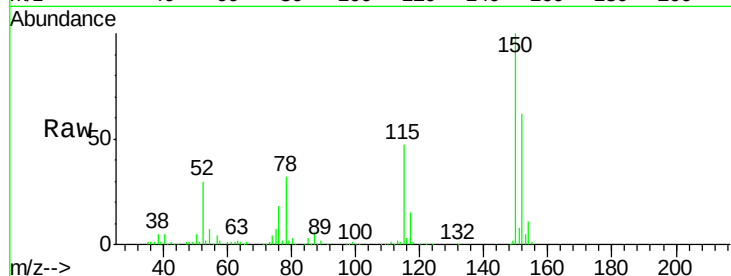
Tgt Ion:152 Resp: 196680

Ion Ratio Lower Upper

152 100

150 161.0 123.0 184.4

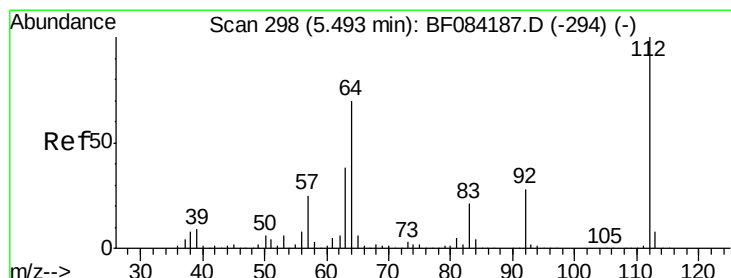
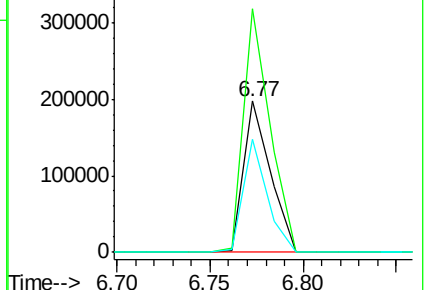
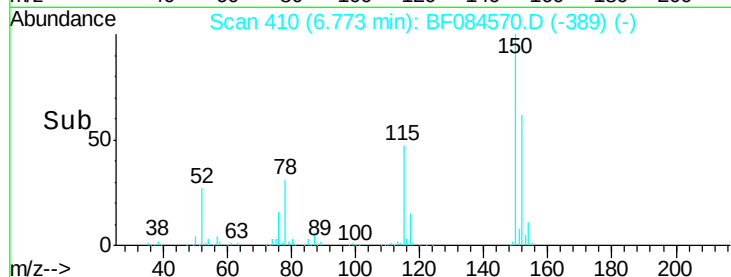
115 74.9 51.4 77.2



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: 123.08 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

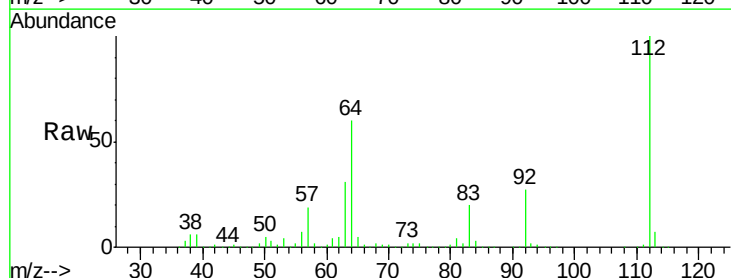
Tgt Ion:112 Resp: 1496581

Ion Ratio Lower Upper

112 100

64 60.1 36.6 55.0#

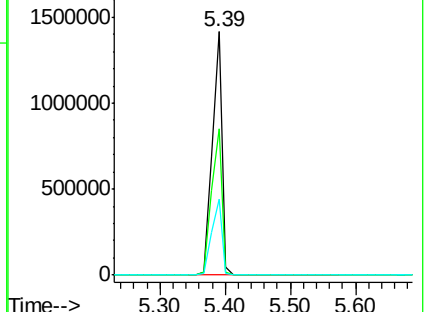
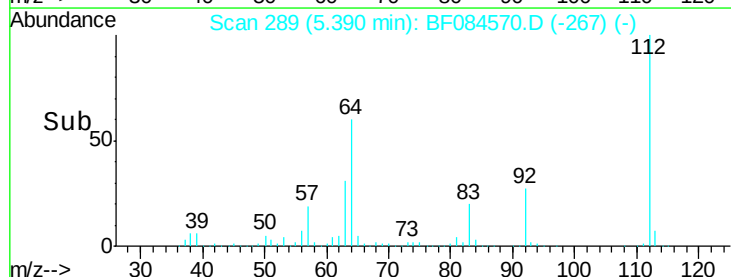
63 31.4 19.4 29.0#

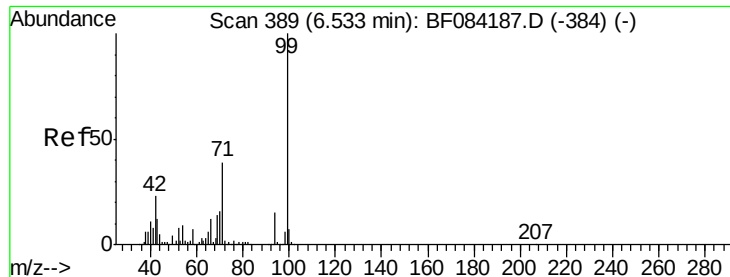


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.22 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB87882TB

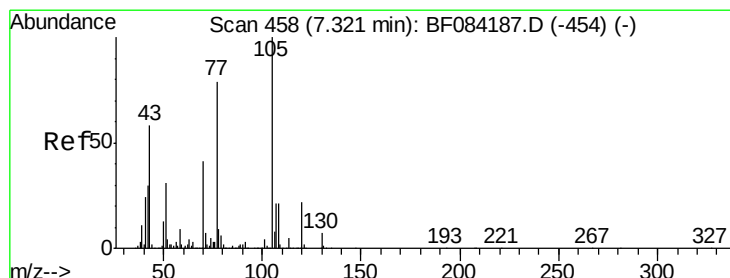
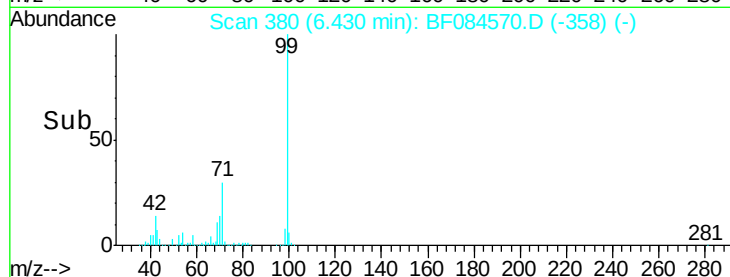
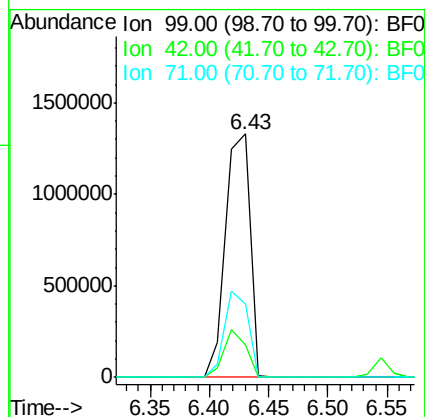
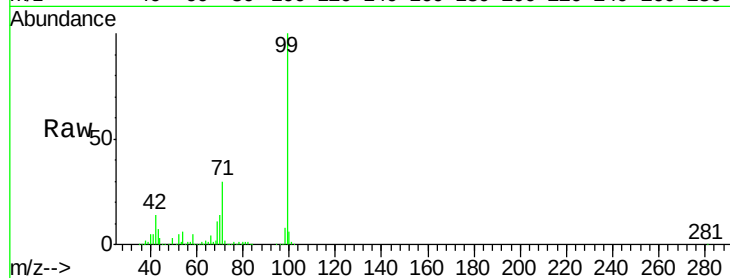
Tgt Ion: 99 Resp: 1912310

Ion Ratio Lower Upper

99 100

42 13.5 12.8 19.2

71 30.0 30.9 46.3#



#19

n-Nitroso-di-n-propylamine

Concen: 14.82 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.09 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

Tgt Ion: 70 Resp: 153253

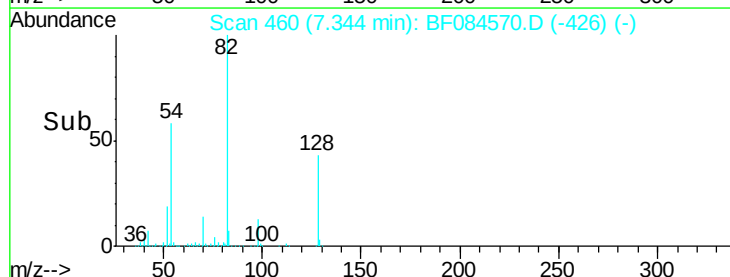
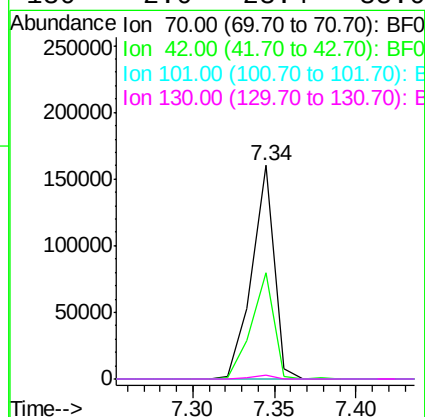
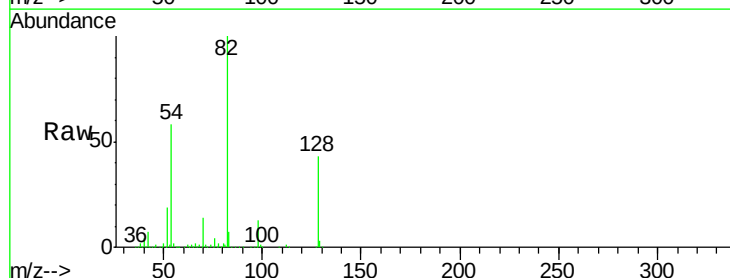
Ion Ratio Lower Upper

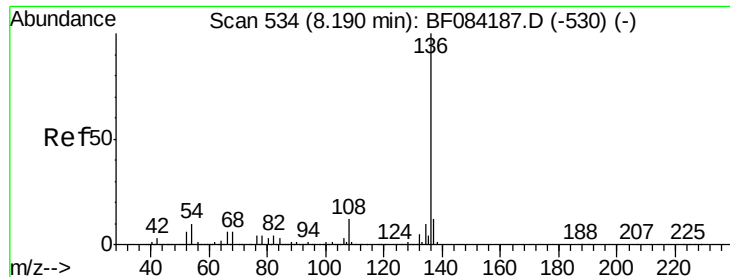
70 100

42 49.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

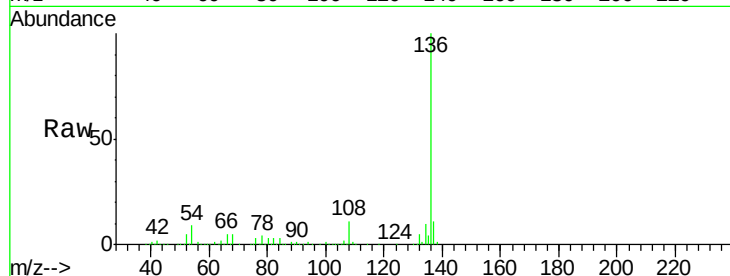




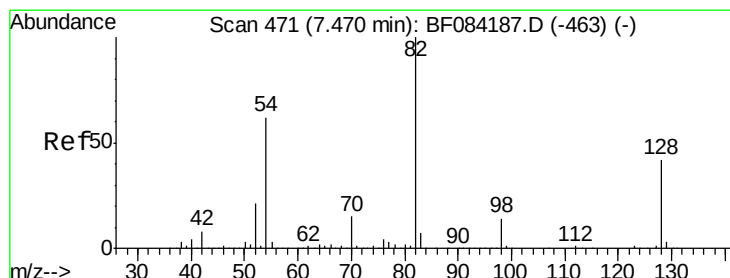
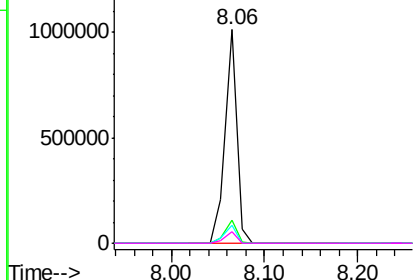
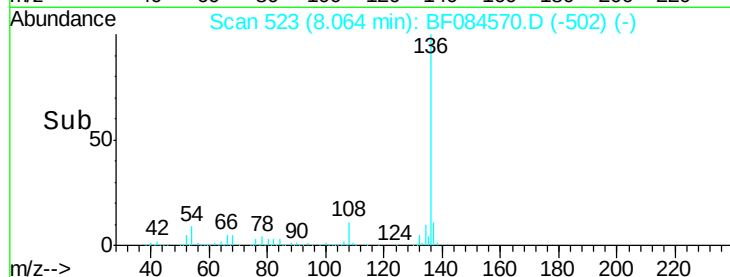
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084570.D
Acq: 20 Jan 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB87882TB

Tgt Ion:	136	Resp:	886006
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.6	5.8	8.8
68	5.2	4.2	6.2

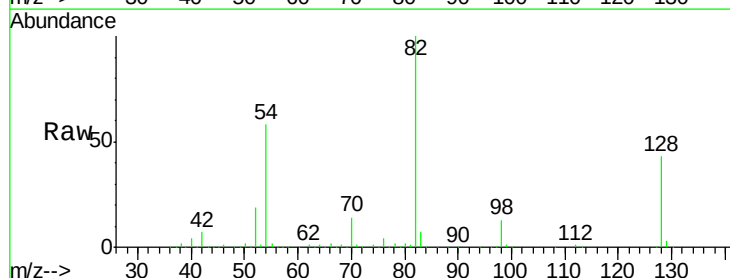


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

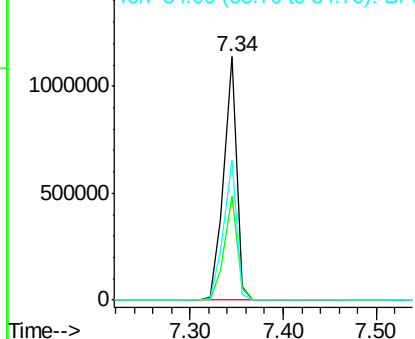
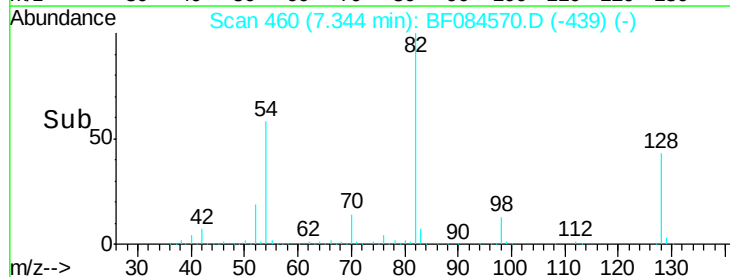


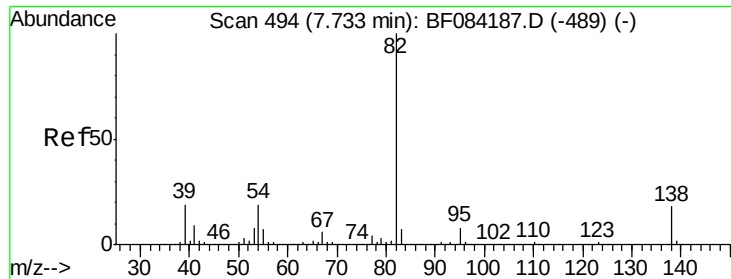
#23
Nitrobenzene-d5
Concen: 68.97 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF084570.D
Acq: 20 Jan 2016 17:50

Tgt Ion:	82	Resp:	1097913
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	57.5	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





#25

Isophorone

Concen: 27.20 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.32 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB87882TB

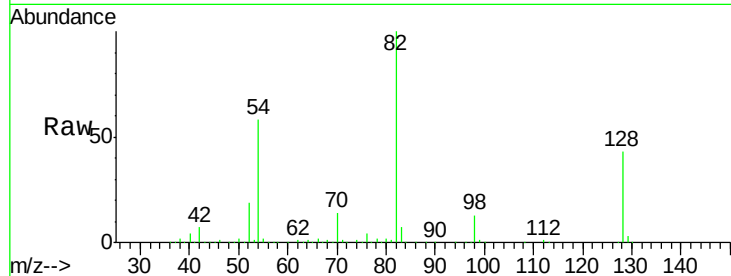
Tgt Ion: 82 Resp: 828267

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

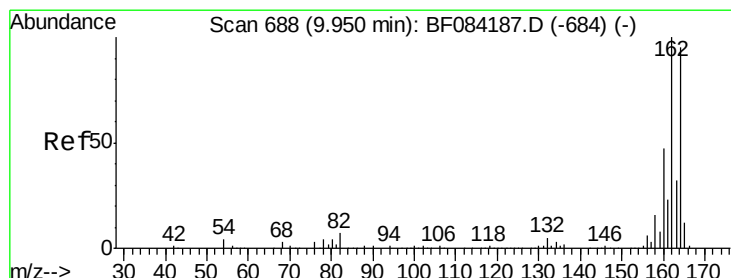
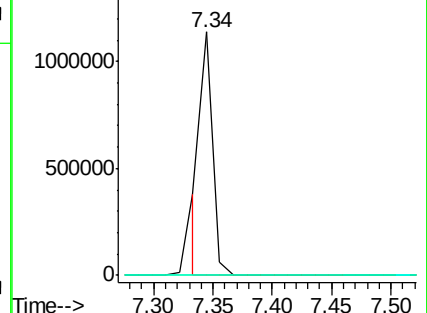
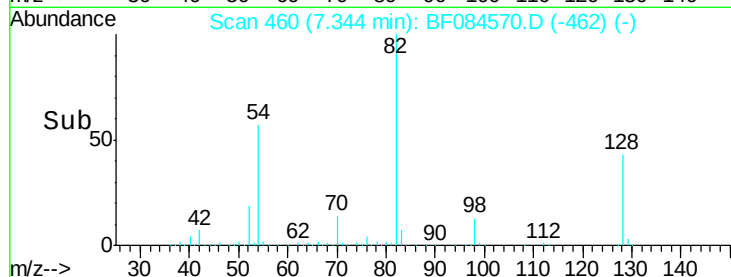
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

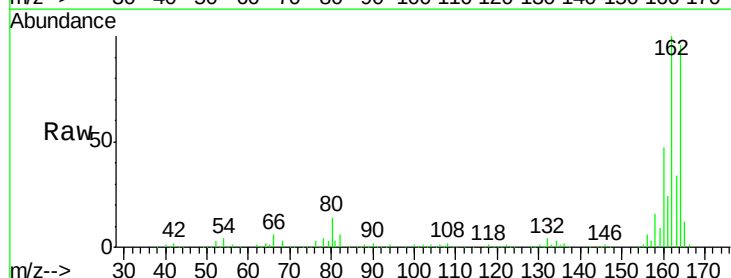
Tgt Ion: 164 Resp: 420380

Ion Ratio Lower Upper

164 100

162 104.4 85.1 127.7

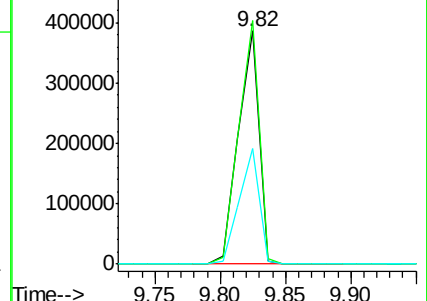
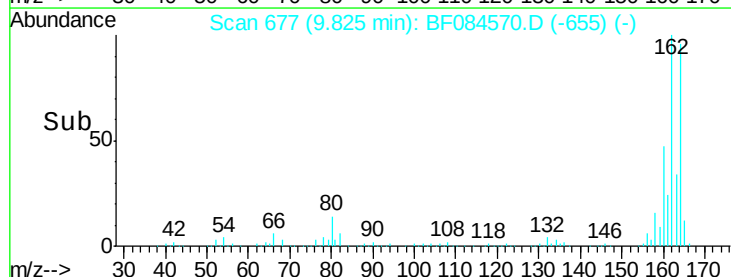
160 49.4 37.5 56.3

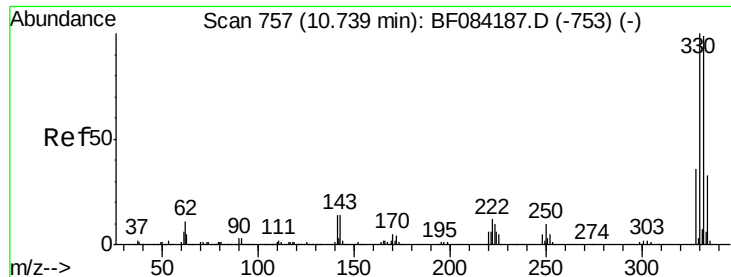


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

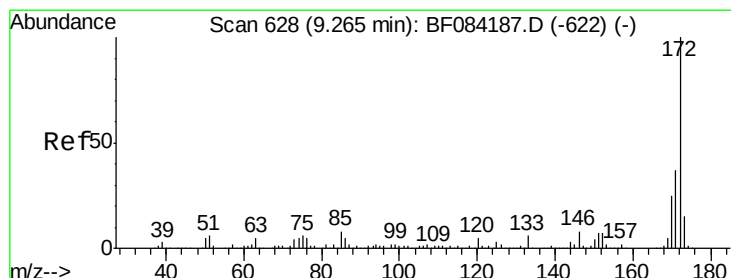
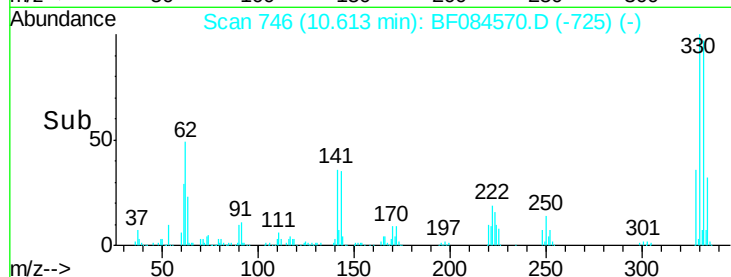
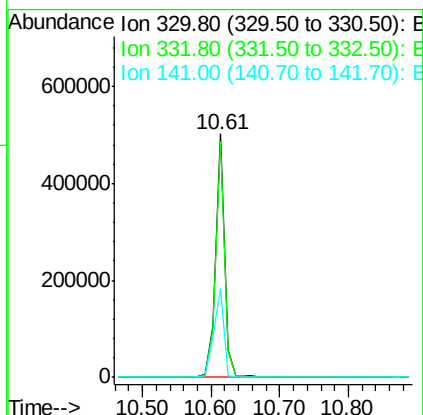
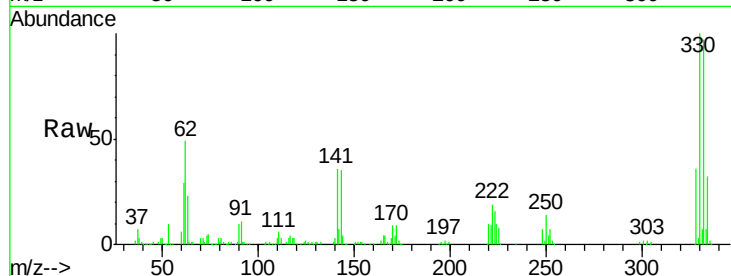




#41
 2,4,6-Tribromophenol
 Concen: 110.48 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.06 min
 Lab File: BF084570.D
 Acq: 20 Jan 2016 17:50

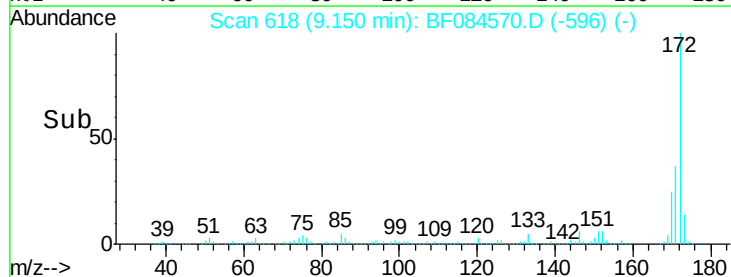
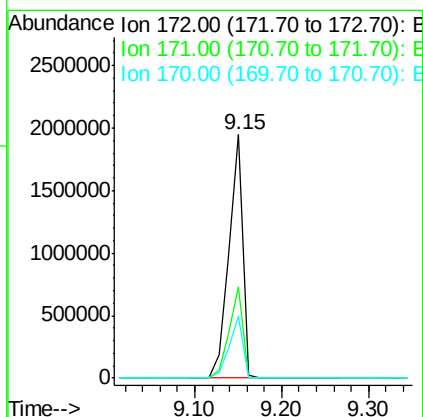
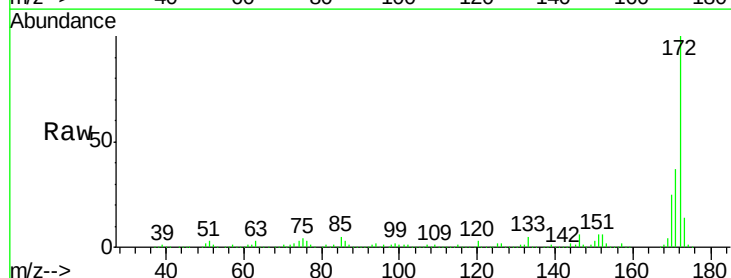
Instrument :
 BNA_F
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 PB87882TB

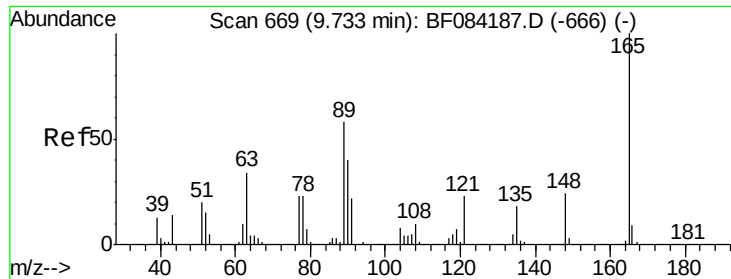
Tgt Ion:330 Resp: 468885
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 40.5 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 89.92 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF084570.D
 Acq: 20 Jan 2016 17:50

Tgt Ion:172 Resp: 2140033
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.2 18.6 27.8

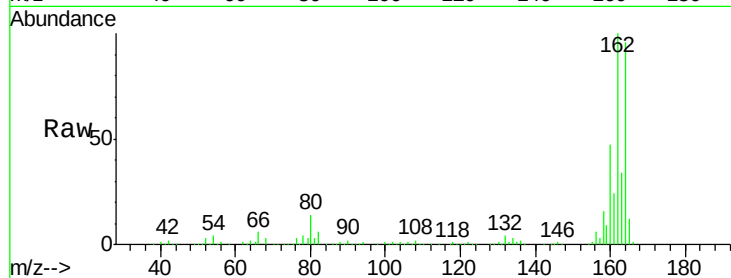




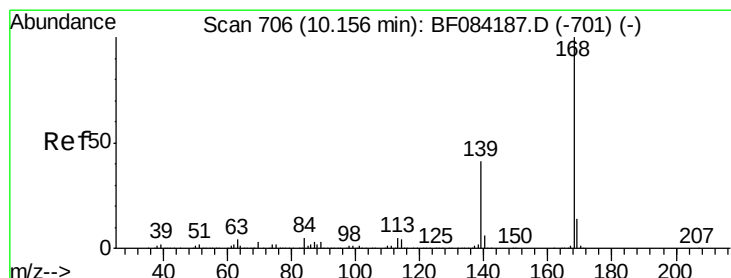
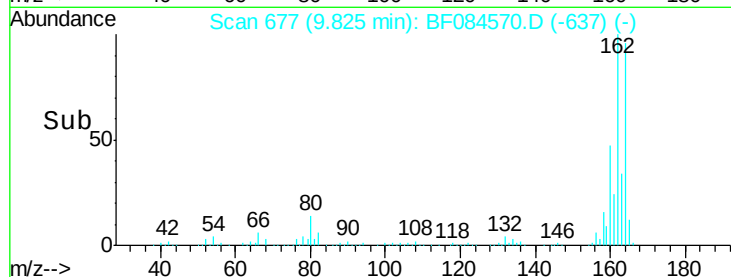
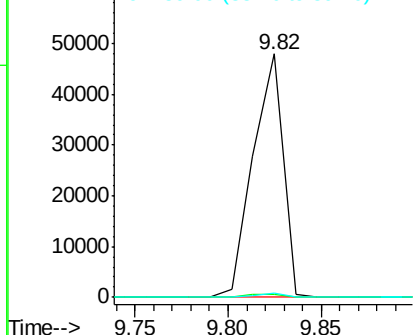
#50
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.16 min
Lab File: BF084570.D
Acq: 20 Jan 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB87882TB

Tgt Ion:165 Resp: 53509
Ion Ratio Lower Upper
165 100
63 1.3 28.8 43.2#
89 1.7 35.1 52.7#

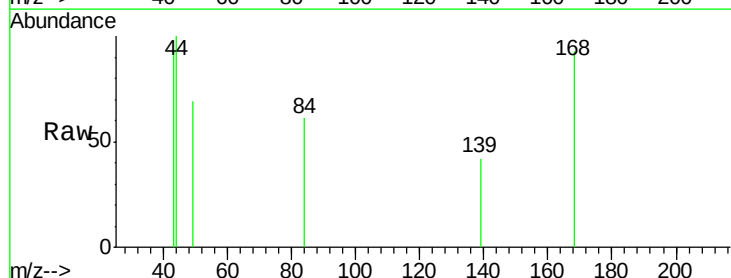


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

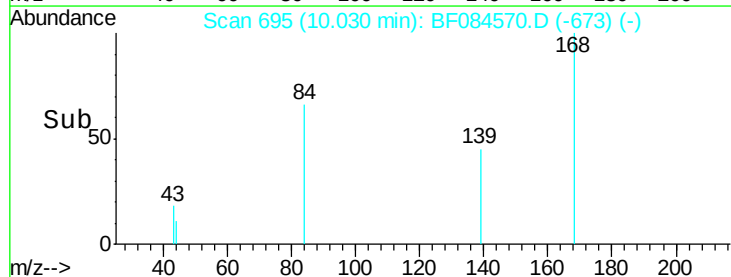
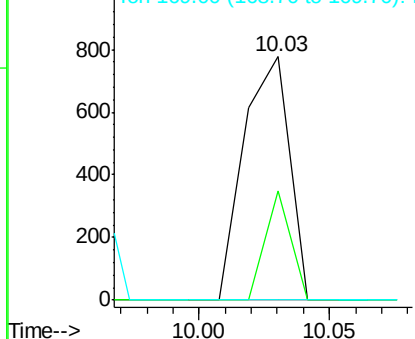


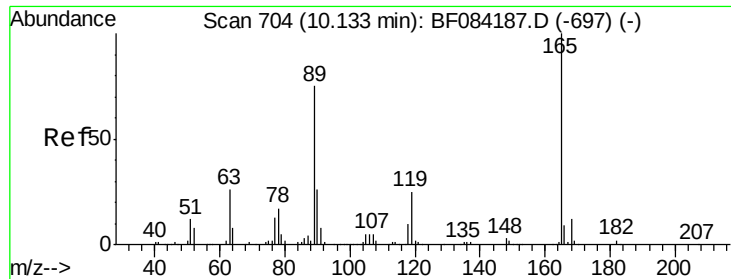
#54
Dibenzofuran
Concen: Below Cal
RT: 10.03 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF084570.D
Acq: 20 Jan 2016 17:50

Tgt Ion:168 Resp: 955
Ion Ratio Lower Upper
168 100
139 44.7 30.5 45.7
169 0.0 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

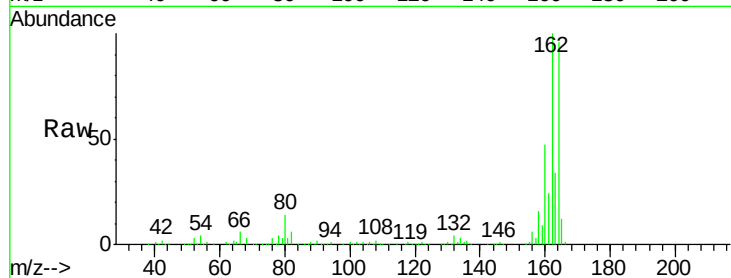




#56
 2,4-Dinitrotoluene
 Concen: 6.41 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.24 min
 Lab File: BF084570.D
 Acq: 20 Jan 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB87882TB

Tgt Ion:	165	Resp:	53509
Ion Ratio	Lower	Upper	
165	100		
63	1.3	36.7	55.1#
89	1.7	61.9	92.9#
182	0.0	2.0	3.0#

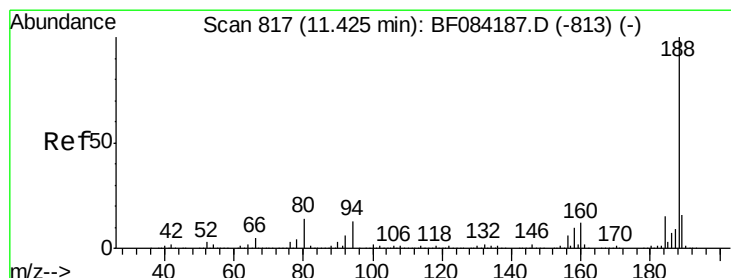
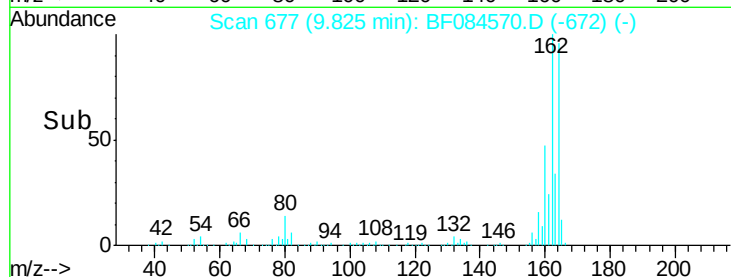
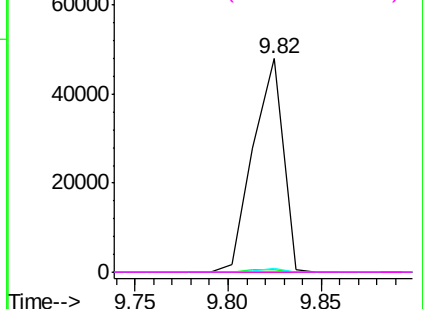


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

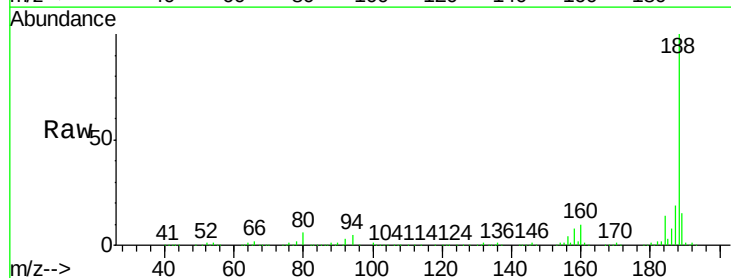
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.05 min
 Lab File: BF084570.D
 Acq: 20 Jan 2016 17:50

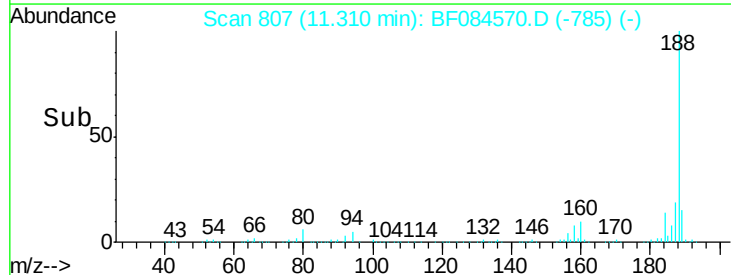
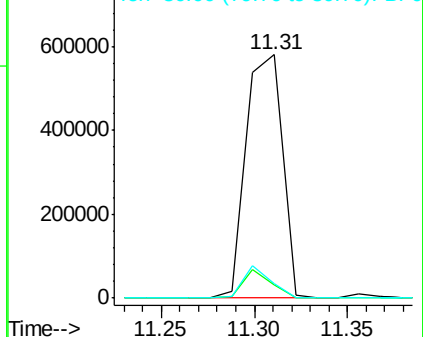
Tgt Ion:	188	Resp:	786018
Ion Ratio	Lower	Upper	
188	100		
94	5.2	9.0	13.4#
80	5.8	9.6	14.4#

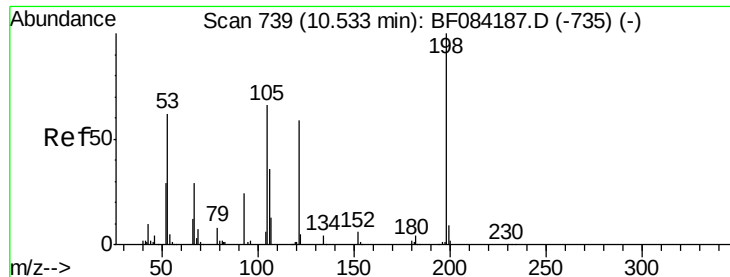


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.62 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.14 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

Instrument :

BNA_F

ClientSampled :

PB87882TB

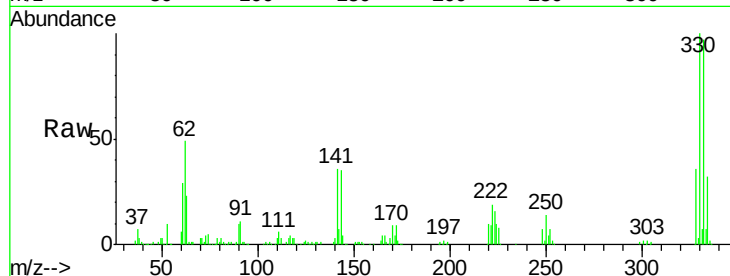
Tgt Ion:198 Resp: 1300

Ion Ratio Lower Upper

198 100

51 142.0 18.9 58.9#

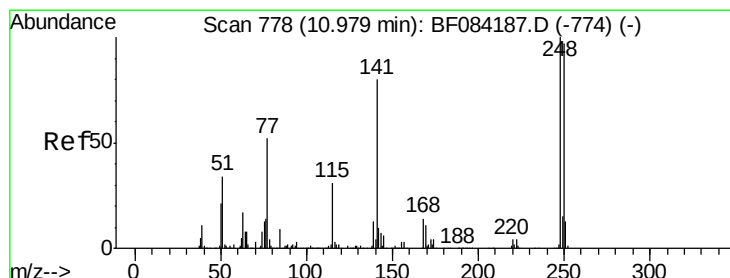
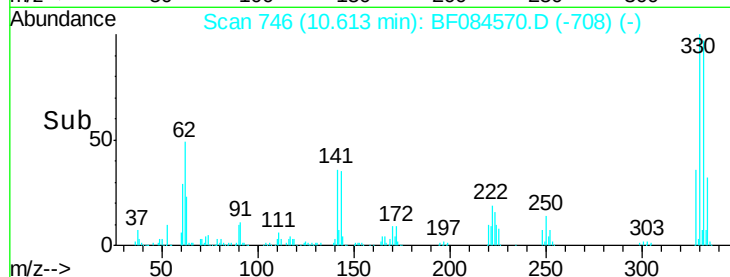
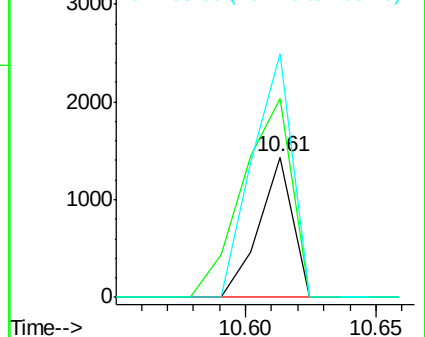
105 173.8 26.4 66.4#



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: 3.58 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.30 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

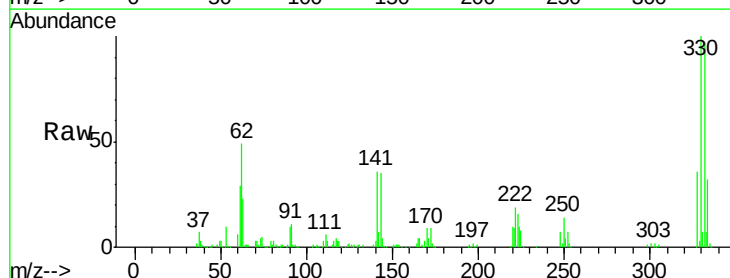
Tgt Ion:248 Resp: 30284

Ion Ratio Lower Upper

248 100

250 204.2 78.4 117.6#

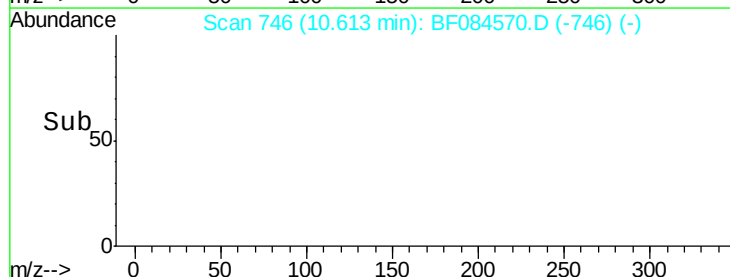
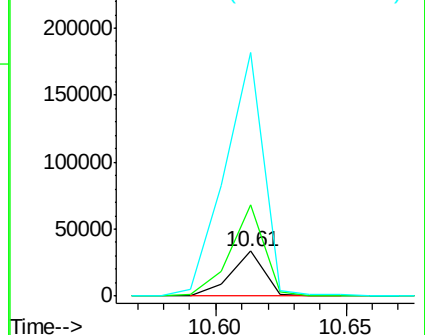
141 545.0 44.0 66.0#

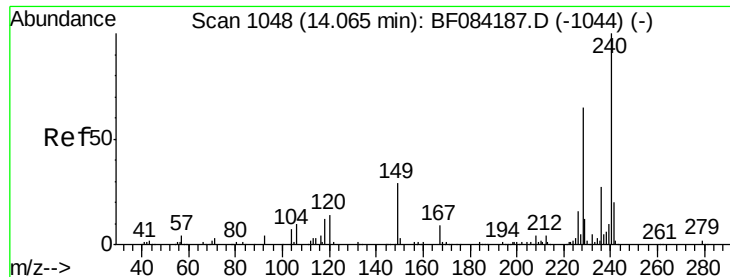


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB87882TB

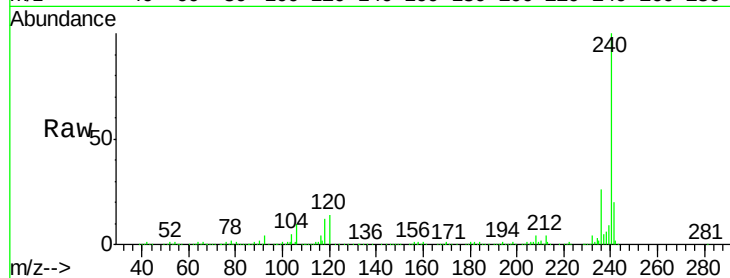
Tgt Ion:240 Resp: 640007

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

236 25.7 20.6 31.0

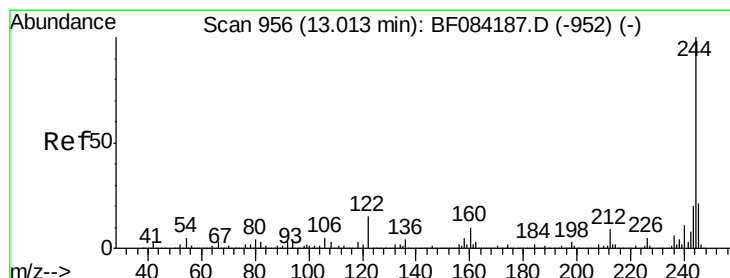
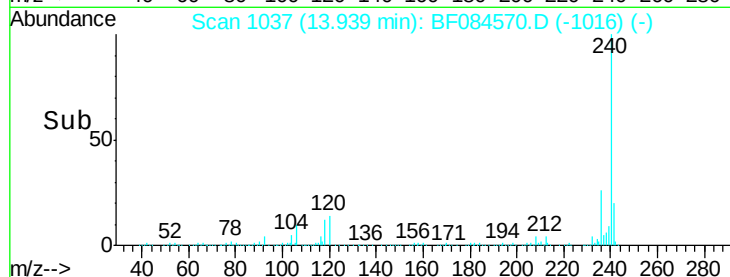
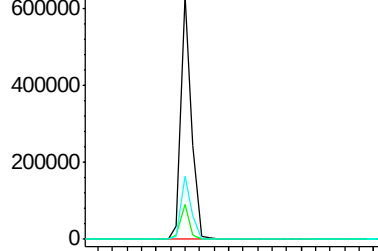


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.94



#78

Terphenyl-d14

Concen: 67.86 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

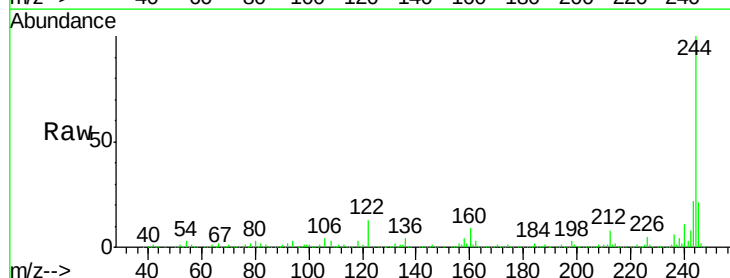
Tgt Ion:244 Resp: 1945685

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

122 13.2 7.4 11.0#

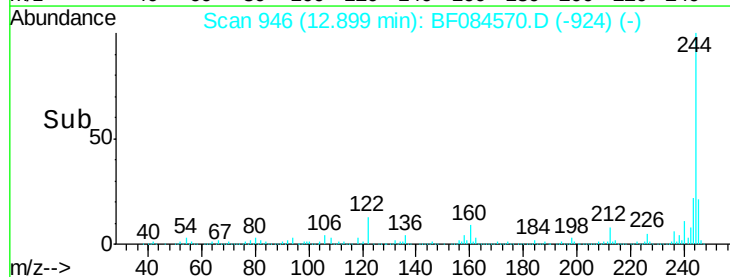
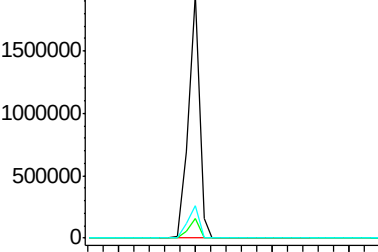


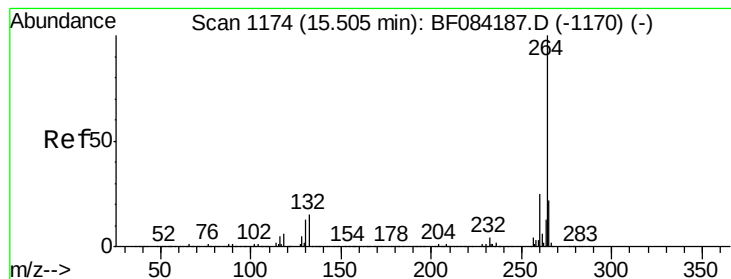
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.90





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.06 min

Lab File: BF084570.D

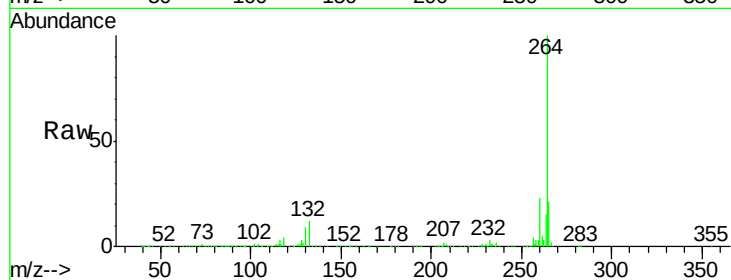
Acq: 20 Jan 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB87882TB



Tgt Ion: 264 Resp: 492709

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 20.8 17.8 26.6

