

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084356.D
 Acq On : 10 Jan 2016 11:09
 Operator : SJ/UM
 Sample : H1043-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:16:05 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

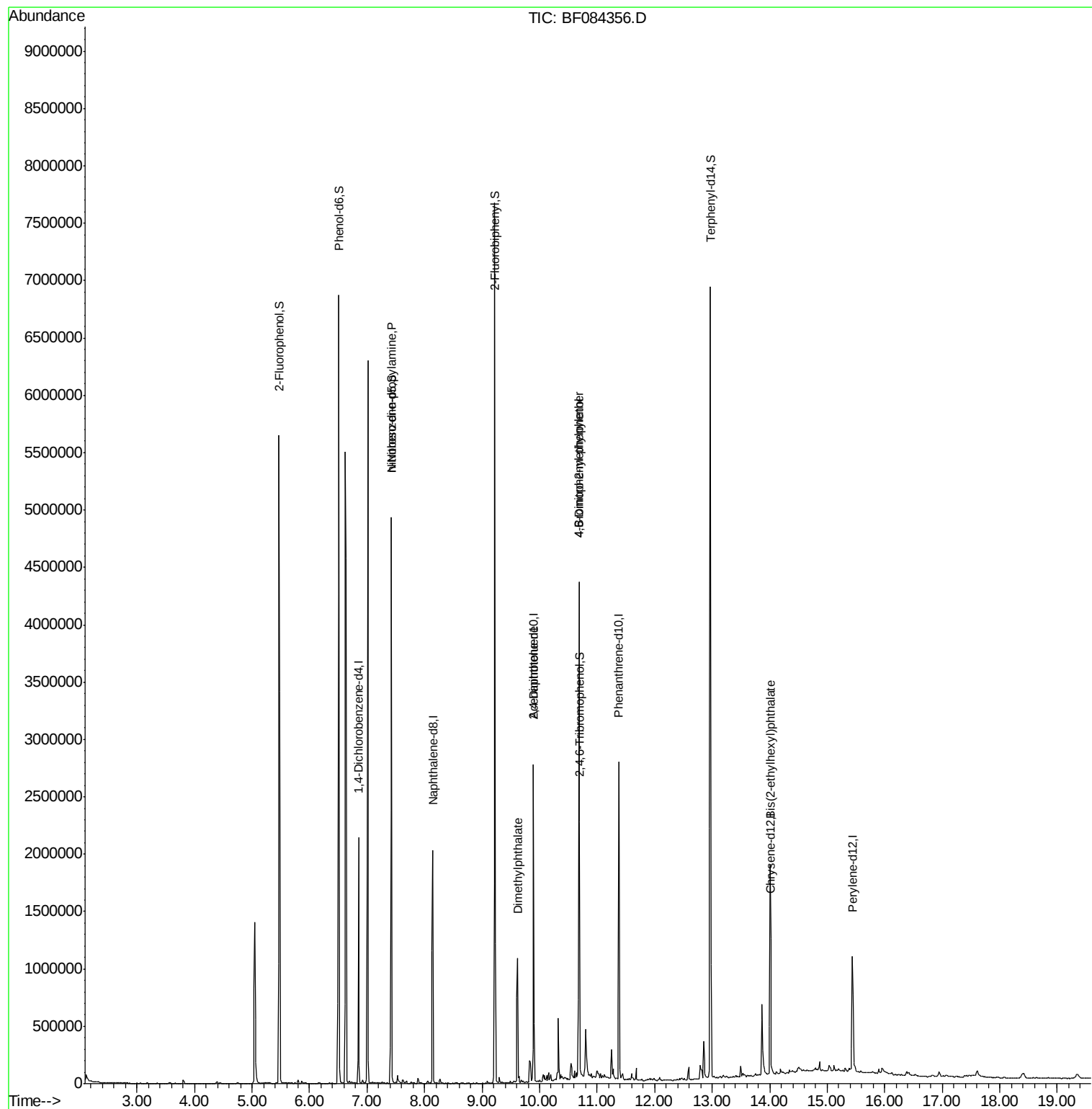
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	268068	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1098187	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	510387	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	951763	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	692293	20.00	ng	-0.05
86) Perylene-d12	15.44	264	504430	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1944670	117.34	ng	-0.02
7) Phenol-d6	6.51	99	2652362	127.43	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1730964	87.72	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	659323	127.95	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2299893	78.81	ng	-0.05
78) Terphenyl-d14	12.97	244	2158702	69.60	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	249089	17.68	ng	# 72
49) Dimethylphthalate	9.62	163	581358	15.93	ng	# 91
54) Dibenzofuran	10.10	168	1358	Below Cal	#	86
56) 2,4-Dinitrotoluene	9.89	165	66900	6.61	ng	# 21
57) Fluorene	10.44	166	1400	Below Cal	#	94
64) 4,6-Dinitro-2-methylphenol	10.68	198	1547	6.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	38540	3.76	ng	# 1
73) Di-n-butylphthalate	11.95	149	7193	Below Cal	#	91
83) Bis(2-ethylhexyl)phthalate	14.01	149	144555	4.87	ng	# 93

(#) = 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



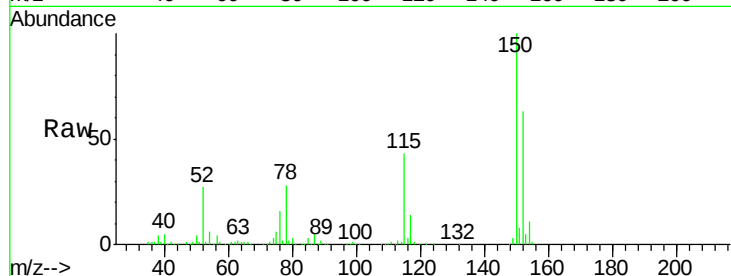


#1

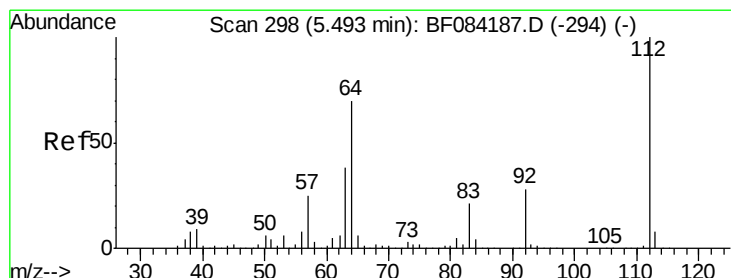
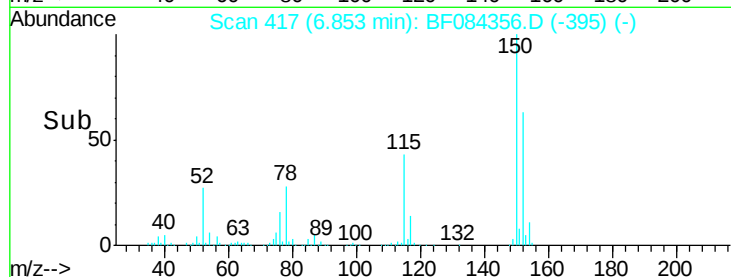
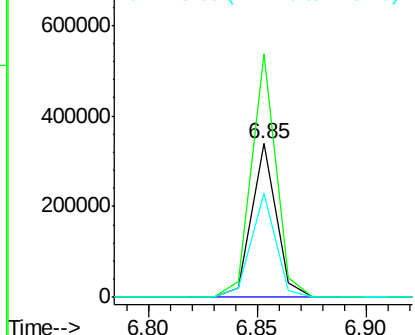
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084356.D
Acq: 10 Jan 2016 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 268068
Ion Ratio Lower Upper
152 100
150 158.7 123.0 184.4
115 67.9 51.4 77.2



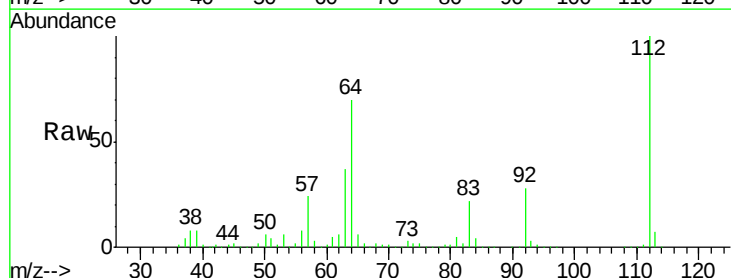
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



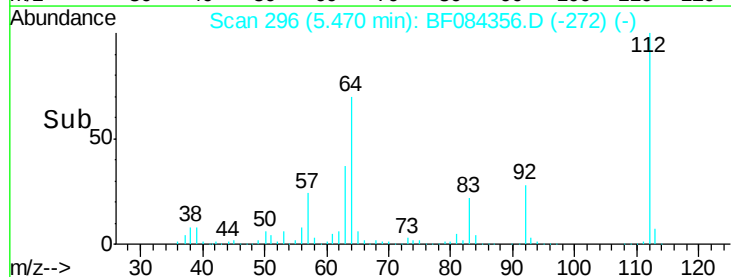
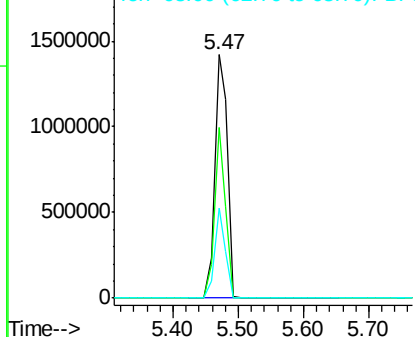
#5

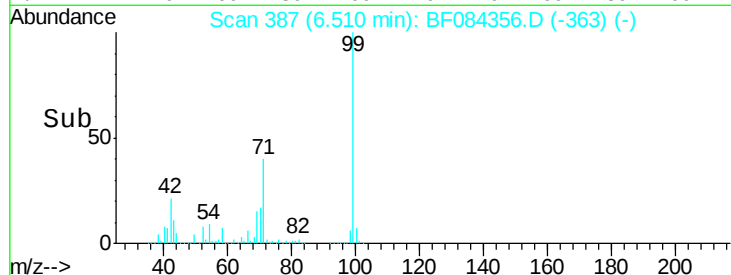
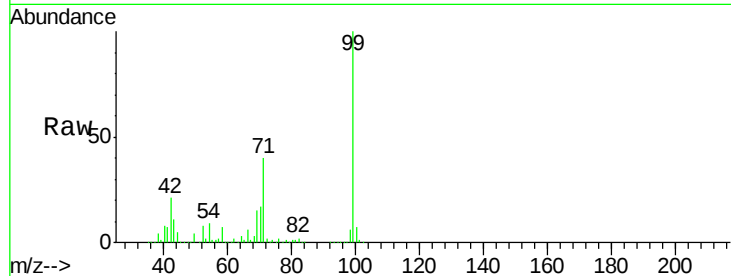
2-Fluorophenol
Concen: 117.34 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084356.D
Acq: 10 Jan 2016 11:09

Tgt Ion:112 Resp: 1944670
Ion Ratio Lower Upper
112 100
64 70.2 36.6 55.0#
63 37.2 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: 127.43 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Instrument :

BNA_F

ClientSampled :

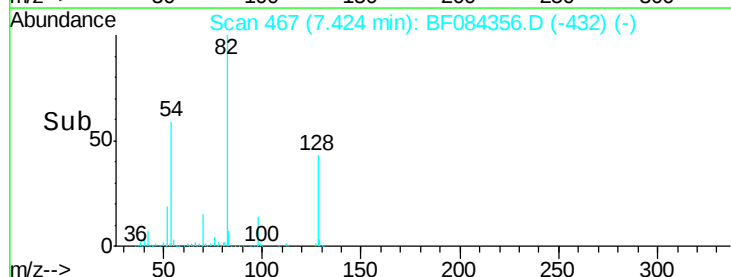
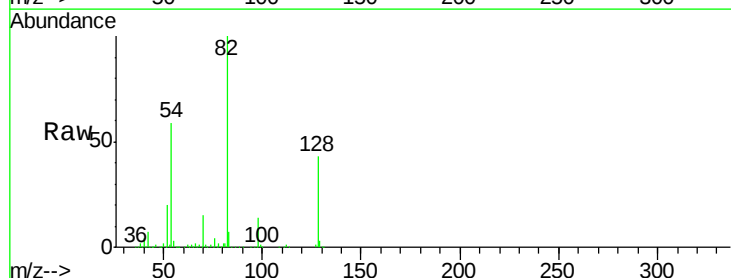
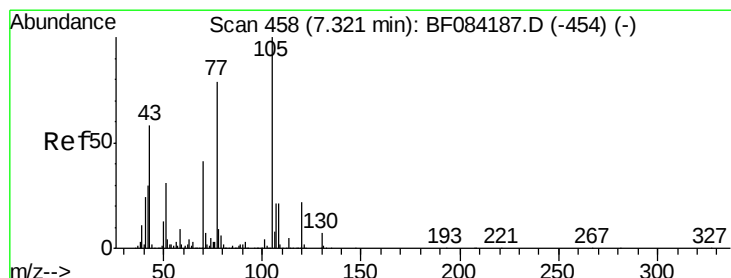
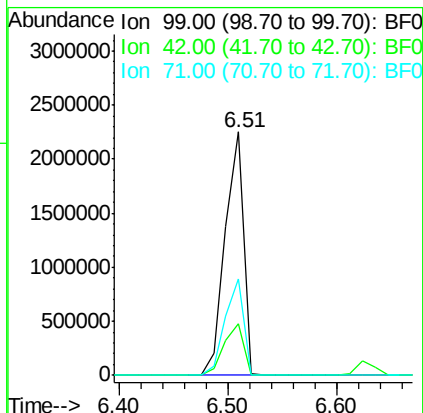
Tot Ion: 99 Resp: 2652362

Ion Ratio Lower Upper

99 100

42 21.3 12.8 19.2#

71 39.6 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.68 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Tgt Ion: 70 Resp: 249089

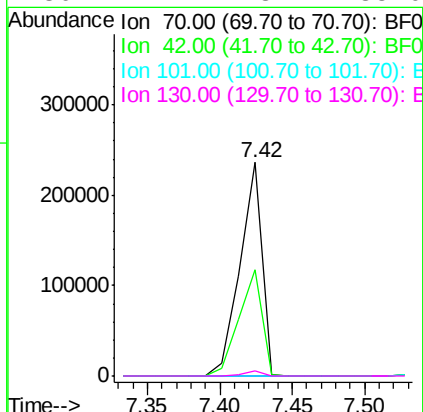
Ion Ratio Lower Upper

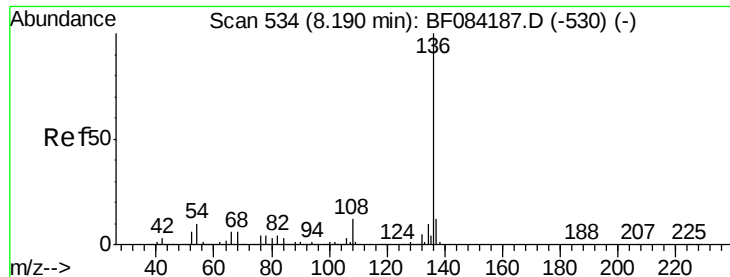
70 100

42 49.5 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1098187

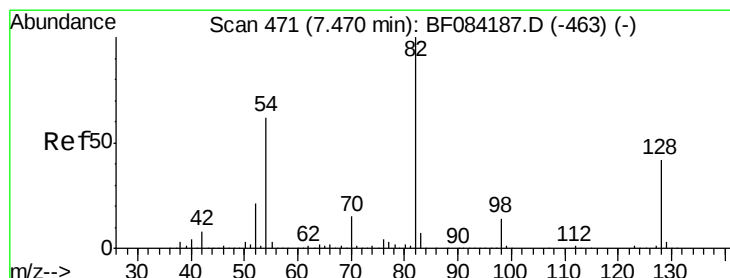
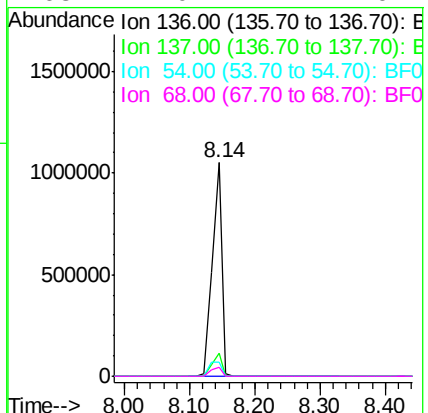
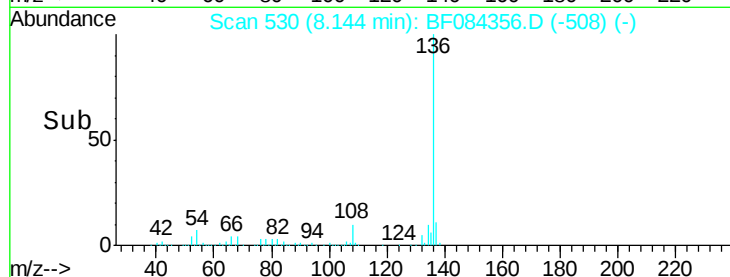
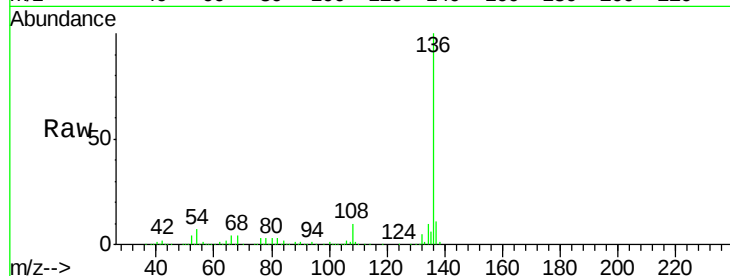
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.7	5.8	8.8
68	4.0	4.2	6.2

136 100

137 10.7 8.7 13.1

54 6.7 5.8 8.8

68 4.0 4.2 6.2



#23

Nitrobenzene-d5

Concen: 87.72 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

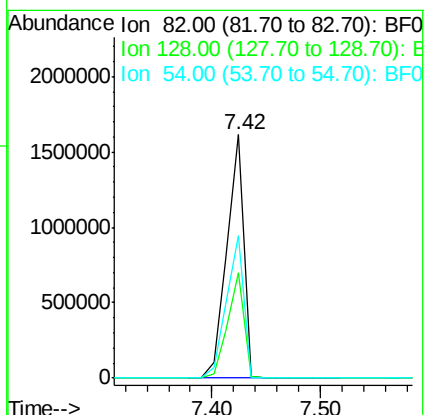
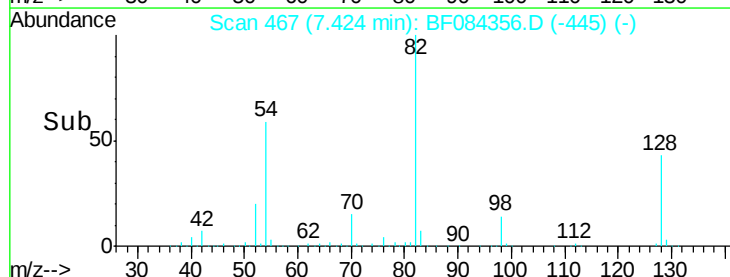
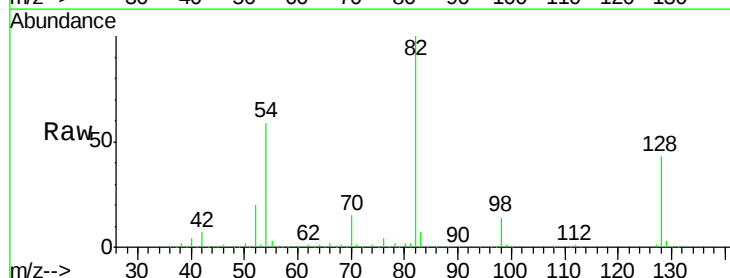
Tgt Ion: 82 Resp: 1730964

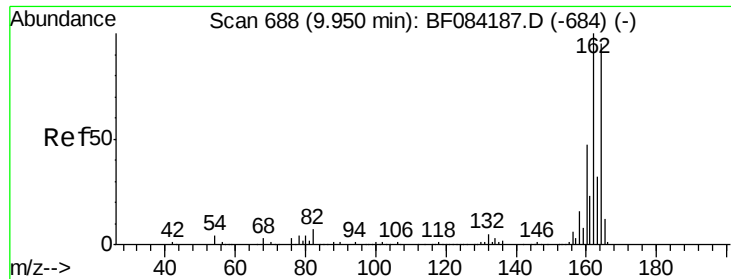
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	58.6	38.4	57.6

82 100

128 43.4 34.6 51.8

54 58.6 38.4 57.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

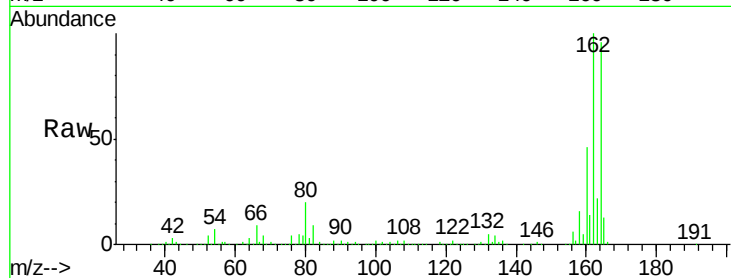
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 510387

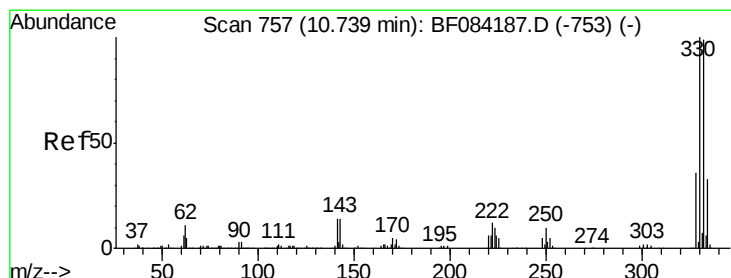
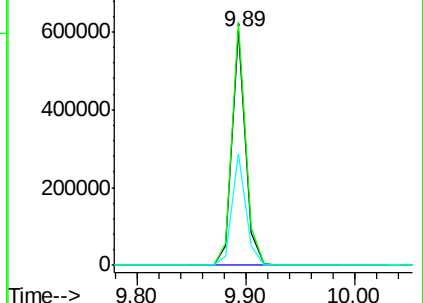
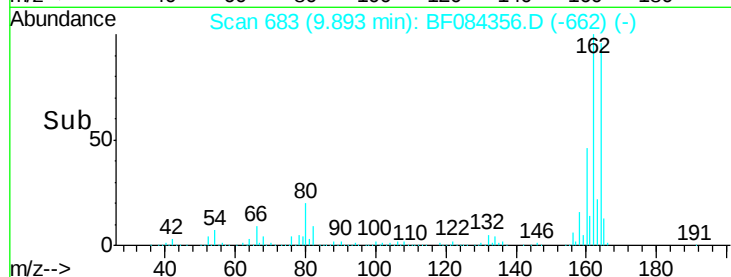
Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	47.4	37.5	56.3



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: 127.95 ng

RT: 10.69 min Scan# 753

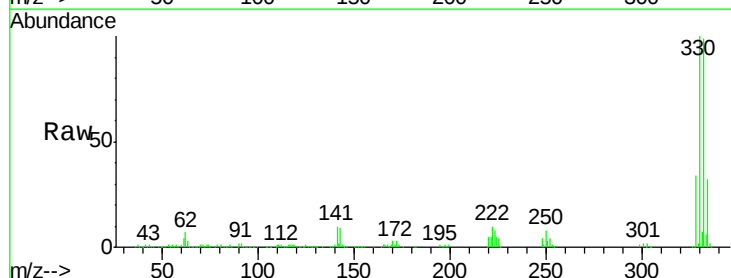
Delta R.T. -0.05 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Tgt Ion:330 Resp: 659323

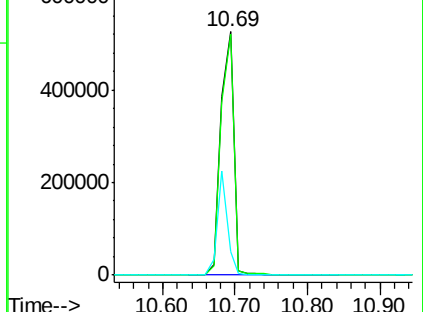
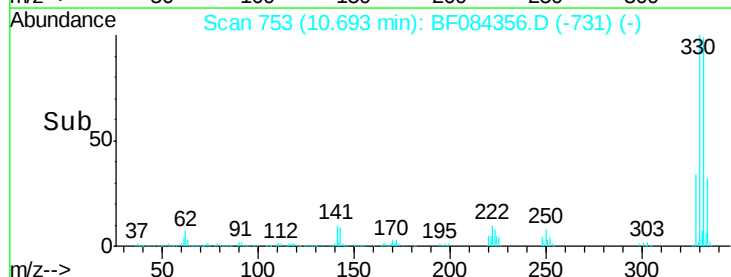
Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	33.4	27.8	41.6

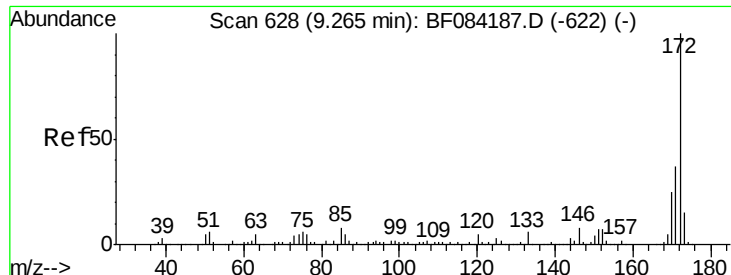


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

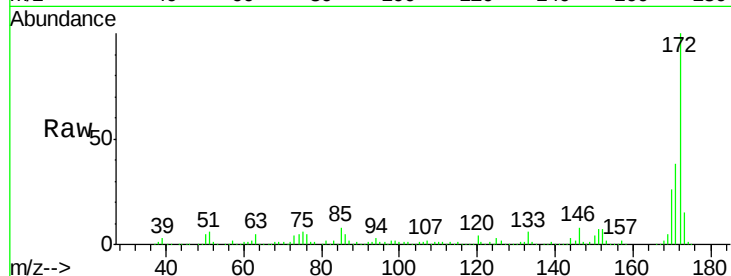




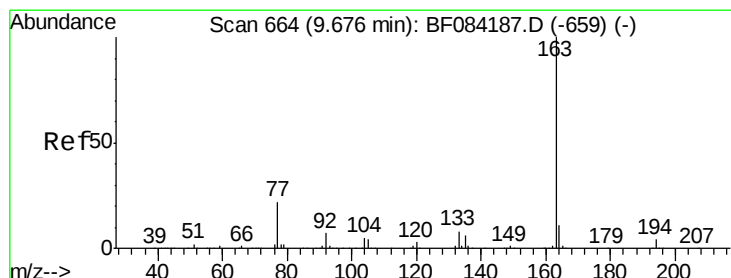
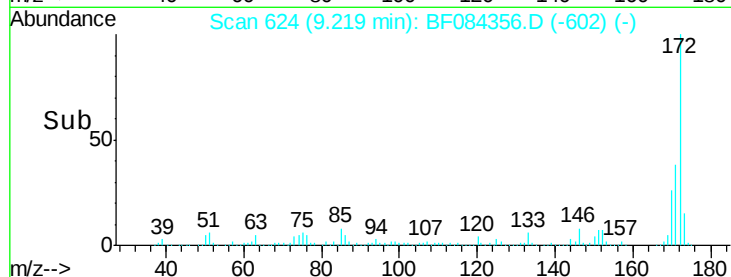
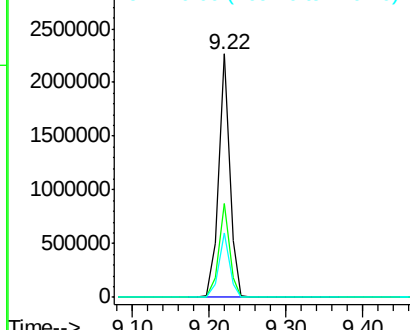
#44
2-Fluorobiphenyl
Concen: 78.81 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF084356.D
Acq: 10 Jan 2016 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2299893
Ion Ratio Lower Upper
172 100
171 38.3 28.9 43.3
170 26.4 18.6 27.8

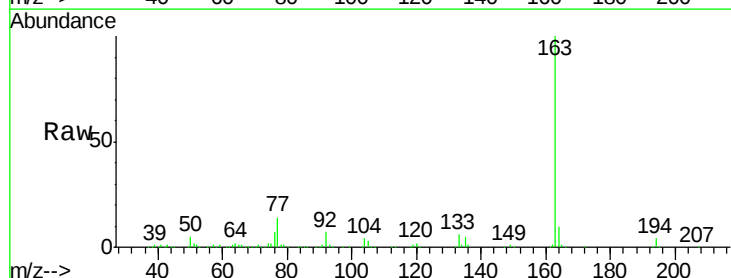


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

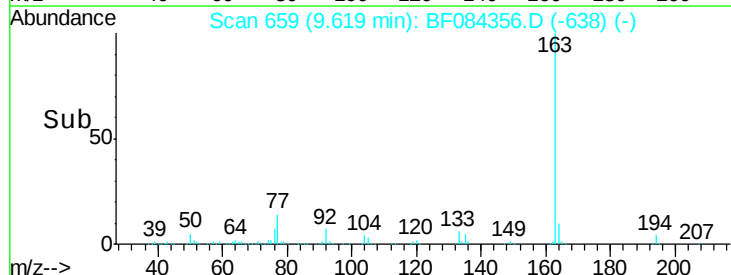
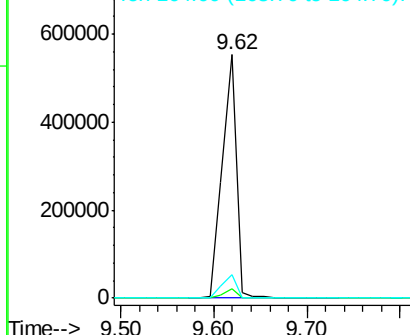


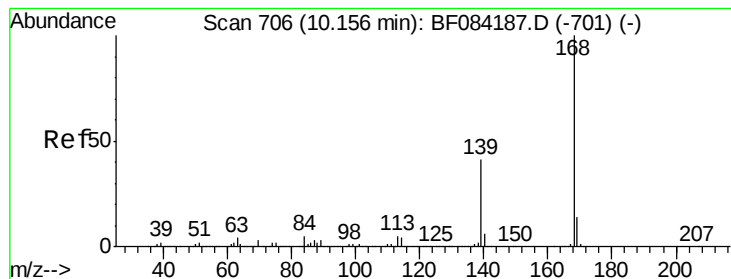
#49
Dimethylphthalate
Concen: 15.93 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084356.D
Acq: 10 Jan 2016 11:09

Tgt Ion:163 Resp: 581358
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 9.5 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





#54

Dibenzofuran

Concen: Below Cal

RT: 10.10 min Scan# 701

Delta R.T. -0.06 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Instrument :

BNA_F

ClientSampled :

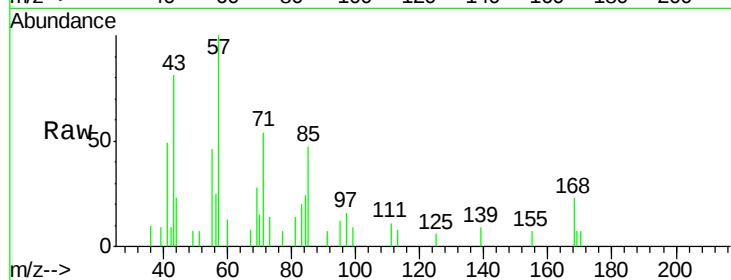
Tot Ion:168 Resp: 1358

Ion Ratio Lower Upper

168 100

139 39.4 30.5 45.7

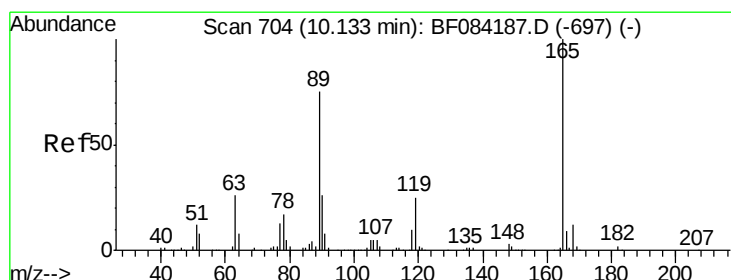
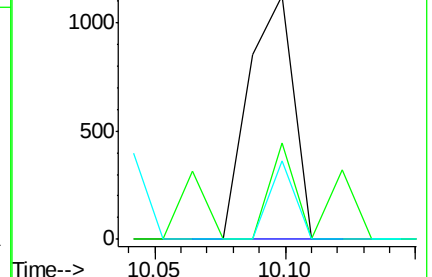
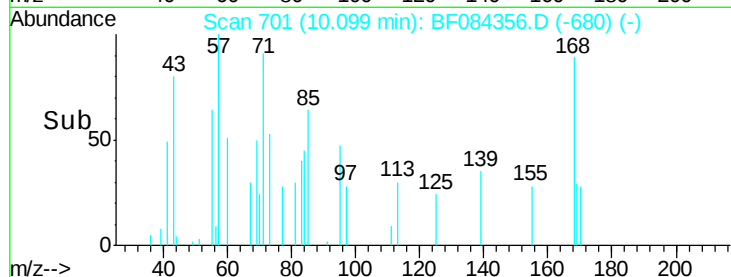
169 32.2 10.4 15.6#



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: 6.61 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.24 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Tgt Ion:165 Resp: 66900

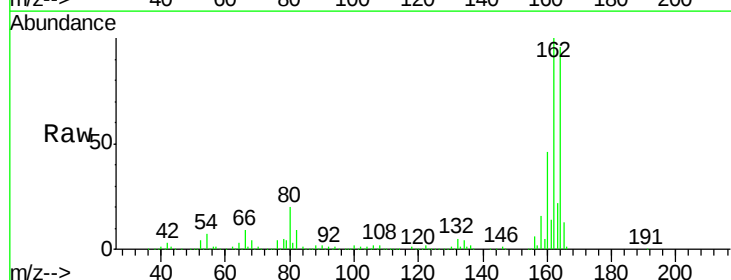
Ion Ratio Lower Upper

165 100

63 1.2 36.7 55.1#

89 1.8 61.9 92.9#

182 0.0 2.0 3.0#

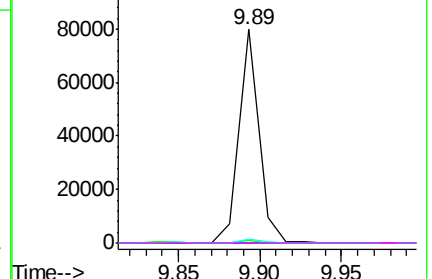
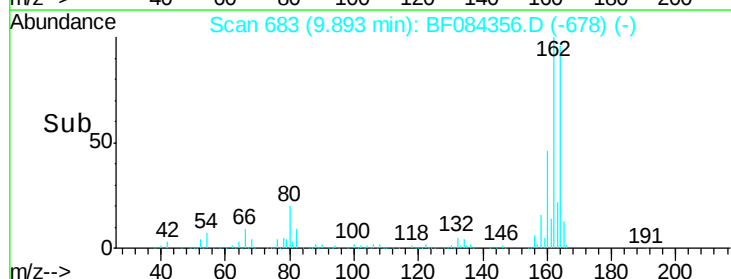


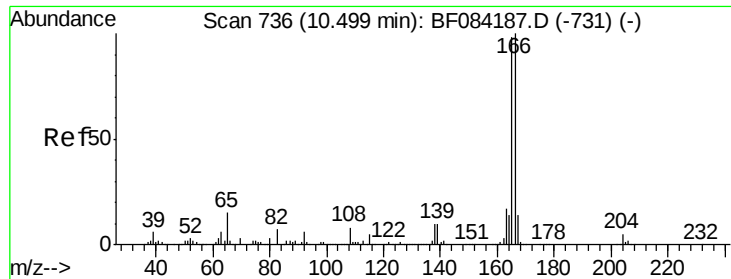
Abundance Ion 165.00 (164.70 to 165.70): E

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

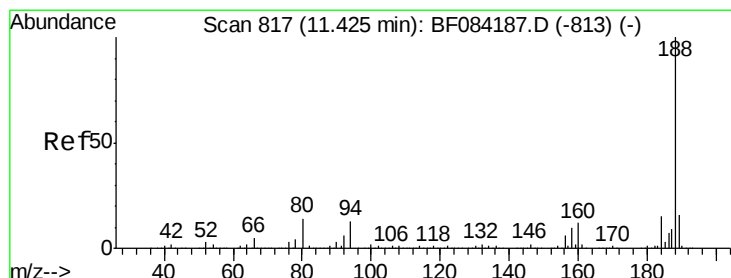
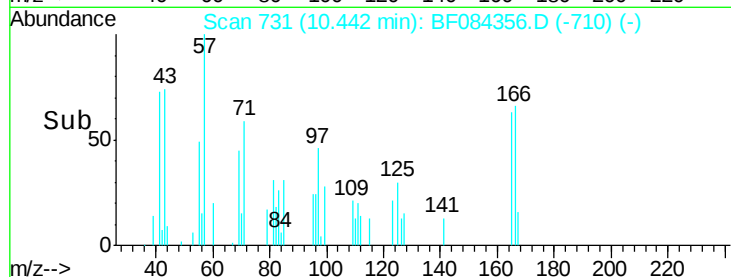
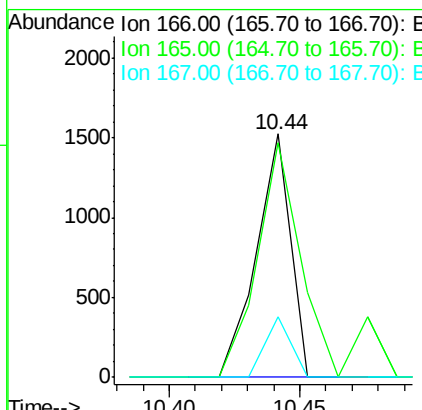
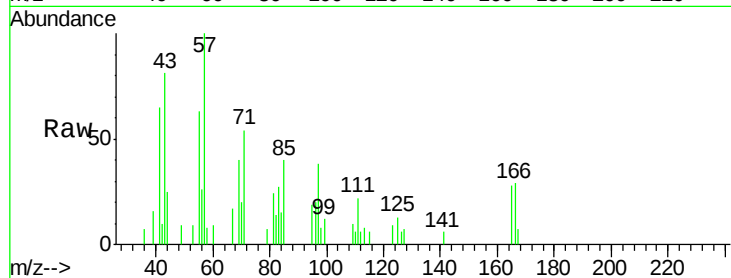




#57
 Fluorene
 Concen: Below Cal
 RT: 10.44 min Scan# 731
 Delta R.T. -0.06 min
 Lab File: BF084356.D
 Acq: 10 Jan 2016 11:09

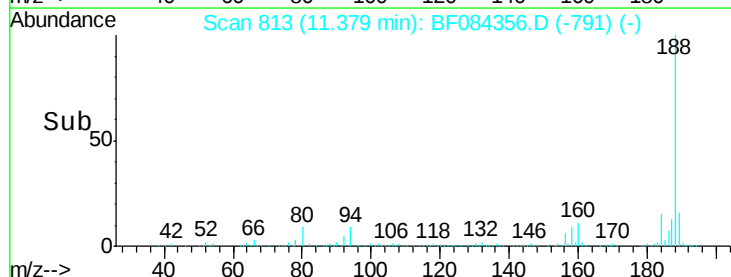
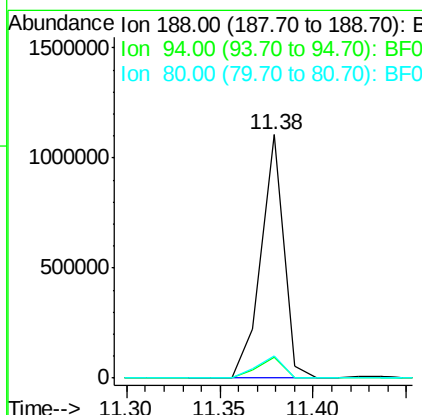
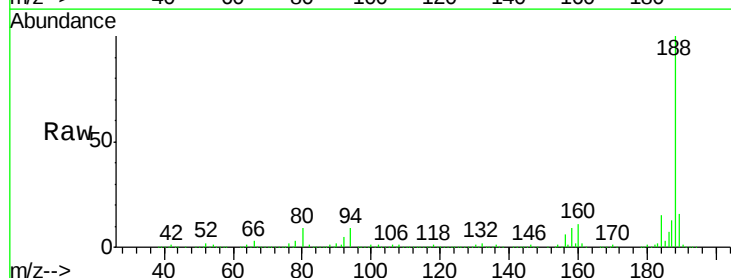
Instrument :
 BNA_F
 ClientSampleId :

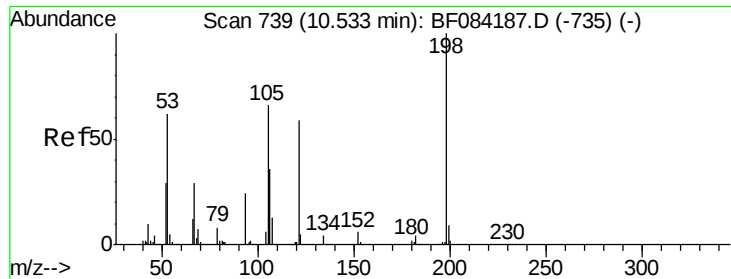
Tot Ion:166 Resp: 1400
 Ion Ratio Lower Upper
 166 100
 165 96.5 79.1 118.7
 167 25.0 10.4 15.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084356.D
 Acq: 10 Jan 2016 11:09

Tgt Ion:188 Resp: 951763
 Ion Ratio Lower Upper
 188 100
 94 8.6 9.0 13.4#
 80 8.9 9.6 14.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.62 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Instrument :

BNA_F

ClientSampled :

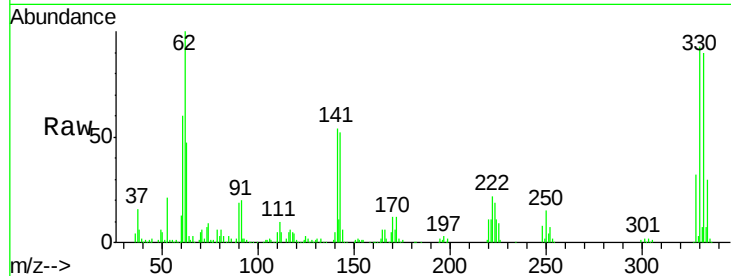
Tot Ion:198 Resp: 1547

Ion Ratio Lower Upper

198 100

51 231.1 18.9 58.9#

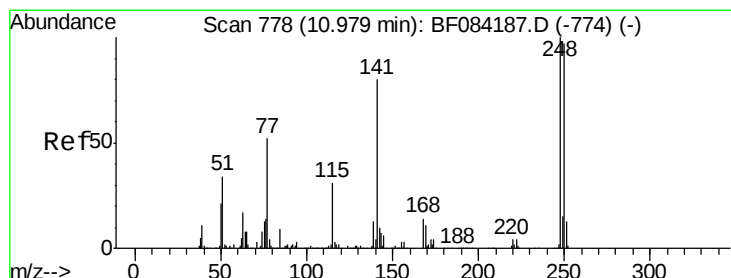
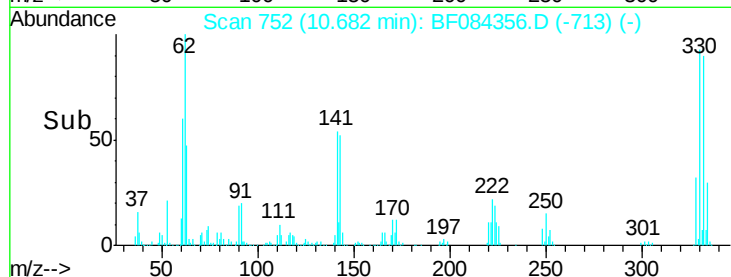
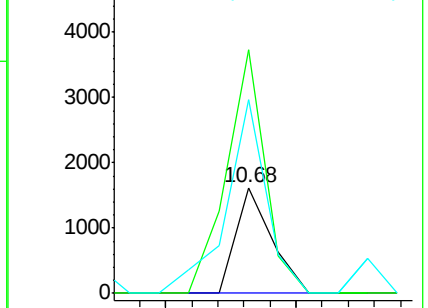
105 183.9 26.4 66.4#



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: 3.76 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

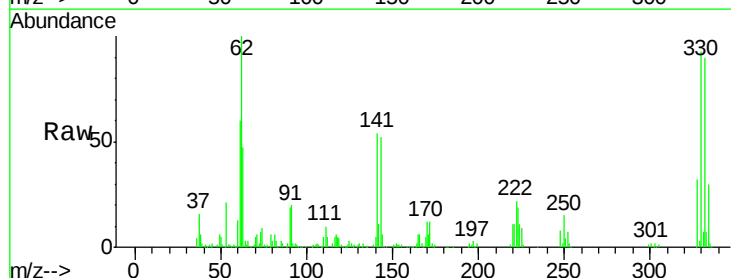
Tgt Ion:248 Resp: 38540

Ion Ratio Lower Upper

248 100

250 193.4 78.4 117.6#

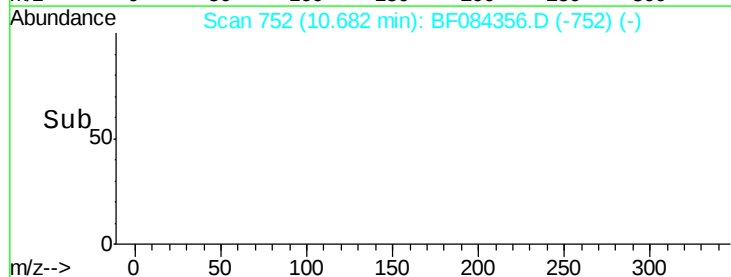
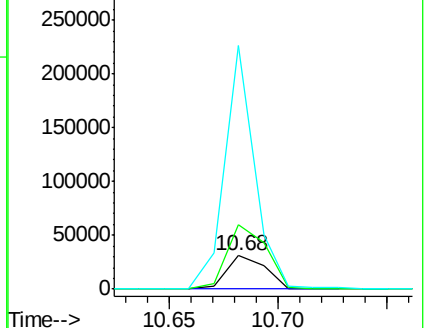
141 723.8 44.0 66.0#

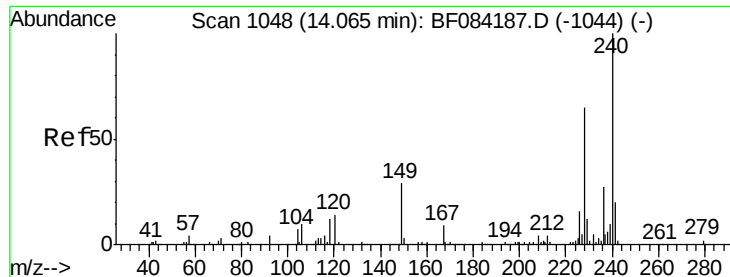


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084356.D

Acq: 10 Jan 2016 11:09

Instrument :

BNA_F

ClientSampleId :

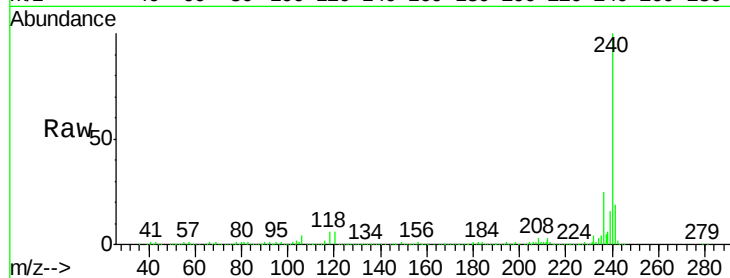
Tot Ion:240 Resp: 692293

Ion Ratio Lower Upper

240 100

120 5.7 9.5 14.3#

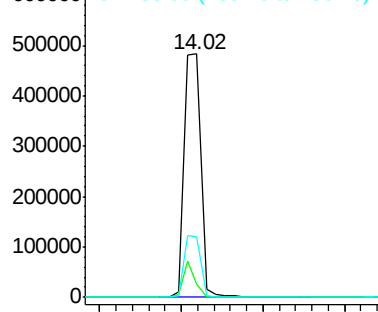
236 25.1 20.6 31.0



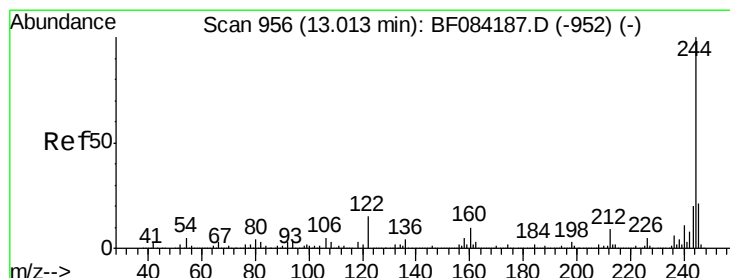
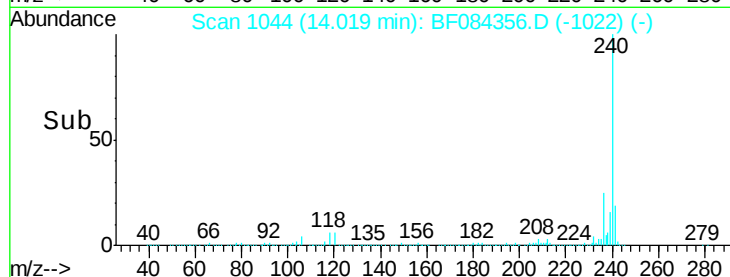
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10 14.20



#78

Terphenyl-d14

Concen: 69.60 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

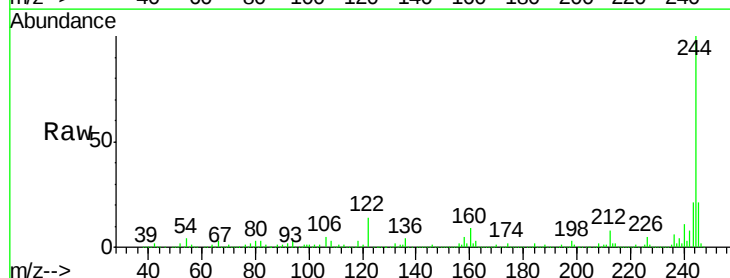
Tgt Ion:244 Resp: 2158702

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

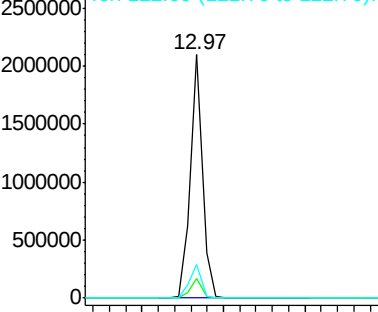
122 13.7 7.4 11.0#



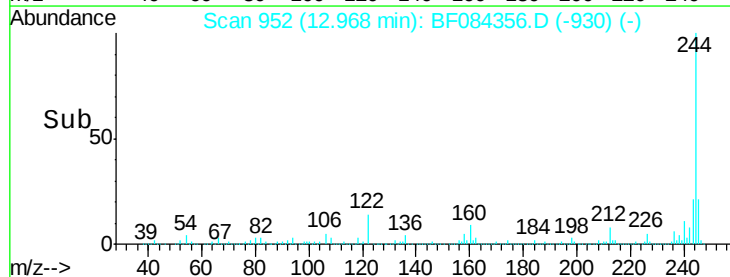
Abundance Ion 244.00 (243.70 to 244.70): E

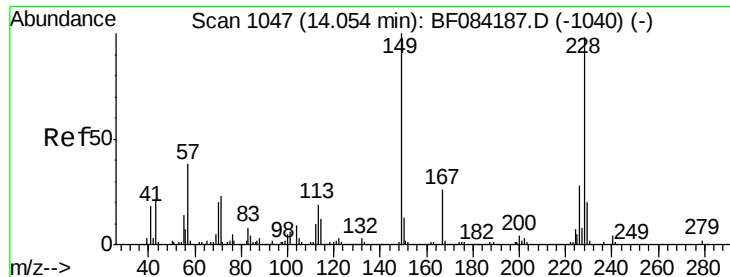
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 13.00 13.10





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.87 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Instrument :

BNA_F

ClientSampleId :

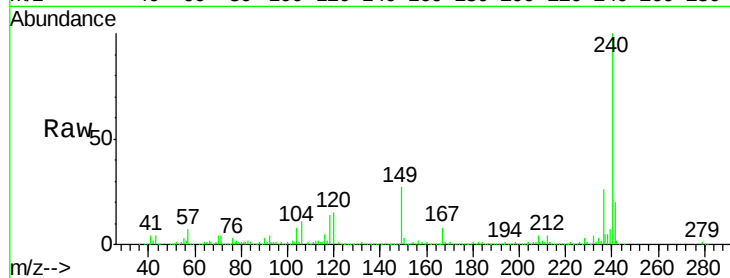
Tot Ion:149 Resp: 144555

Ion Ratio Lower Upper

149 100

167 28.0 19.7 29.5

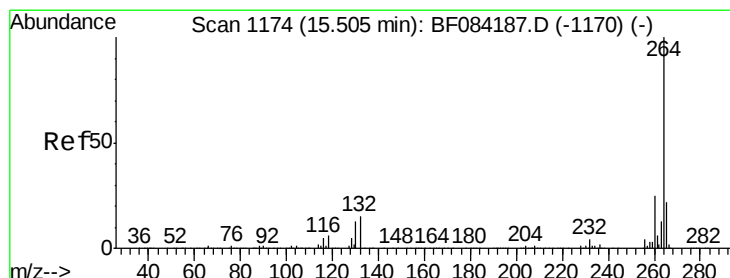
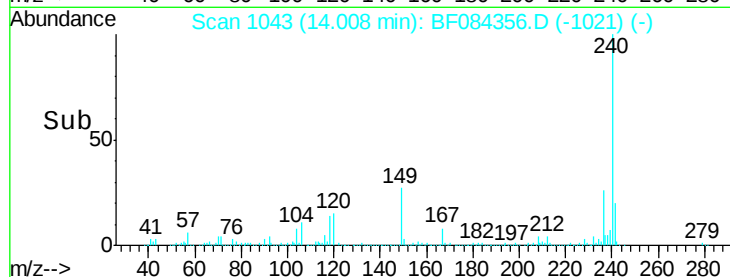
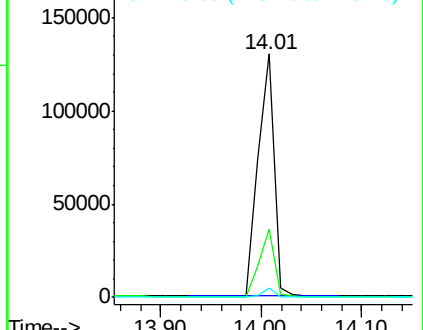
279 4.0 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

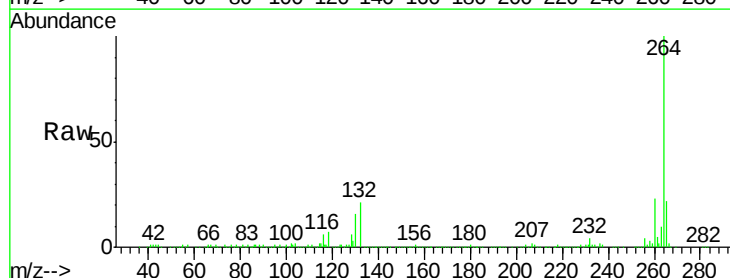
Tgt Ion:264 Resp: 504430

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 22.1 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

