

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084716.D
 Acq On : 1 Feb 2016 18:28
 Operator : SJ/IZ
 Sample : H1283-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0537

Quant Time: Feb 02 00:32:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

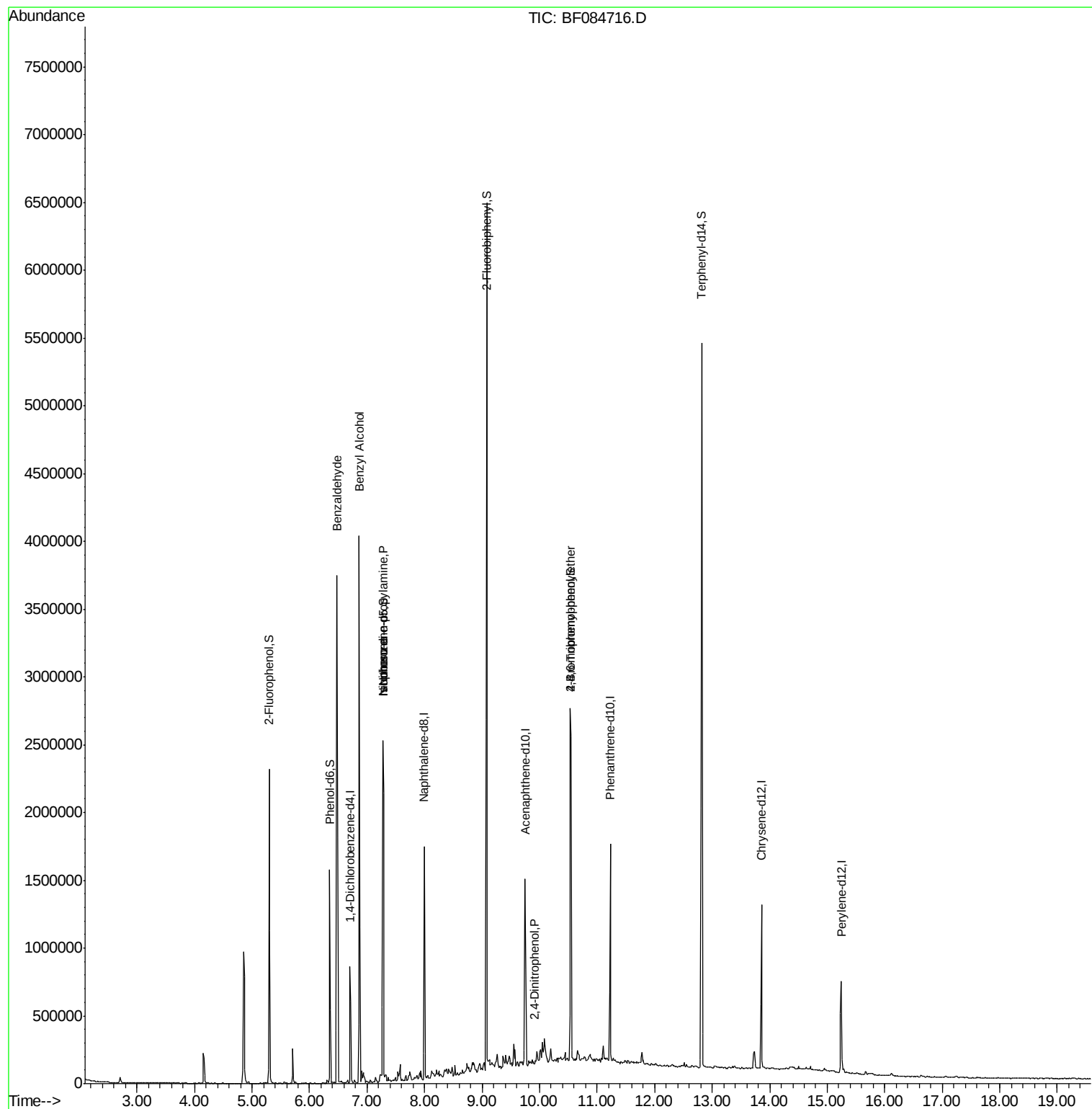
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	161062	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	685678	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	311390	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	601020	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	447811	20.00	ng	-0.01
86) Perylene-d12	15.24	264	321216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	711787	68.84	ng	-0.01
7) Phenol-d6	6.35	99	533197	41.59	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1181126	97.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	493718	152.00	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	2028387	138.99	ng	-0.01
78) Terphenyl-d14	12.82	244	1651090	83.55	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	26522	3.50	ng	# 73
15) Benzyl Alcohol	6.86	79	19990	2.26	ng	# 45
19) n-Nitroso-di-n-propylamine	7.28	70	162241	20.19	ng	# 72
25) Isophorone	7.28	82	1053952	44.53	ng	# 66
53) 2,4-Dinitrophenol	9.90	184	1243	6.28	ng	# 59
60) 4-Chlorophenyl-phenylether	10.38	204	242	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.54	248	31301	4.72	ng	# 1

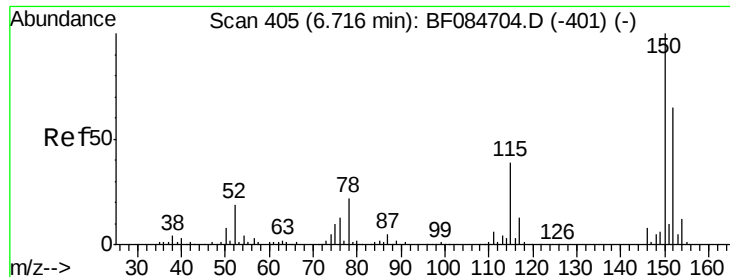
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Instrument :

BNA_F

ClientSampleId :

S8-0537

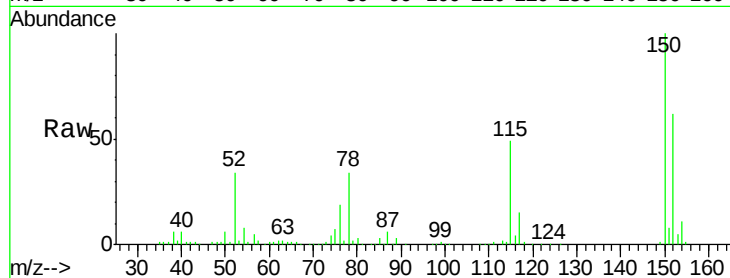
Tgt Ion:152 Resp: 161062

Ion Ratio Lower Upper

152 100

150 161.4 123.0 184.4

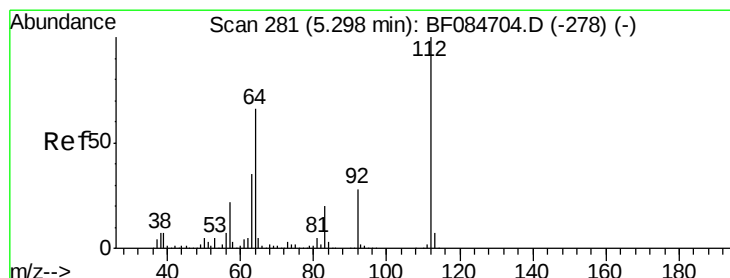
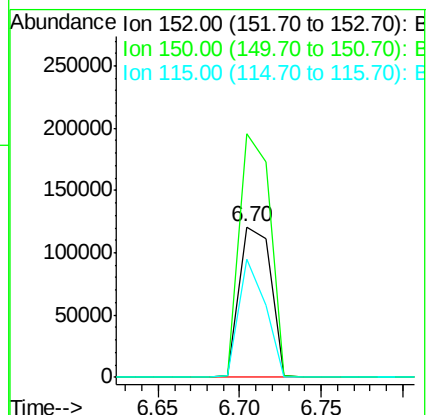
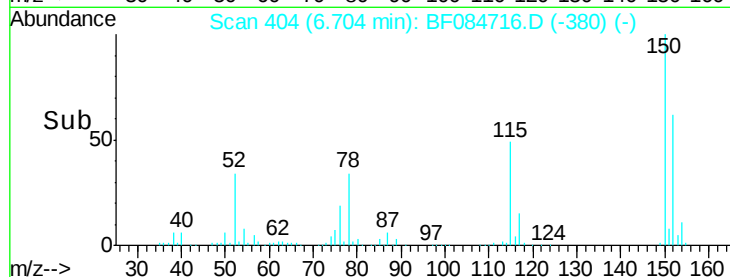
115 78.6 51.4 77.2#



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: 68.84 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

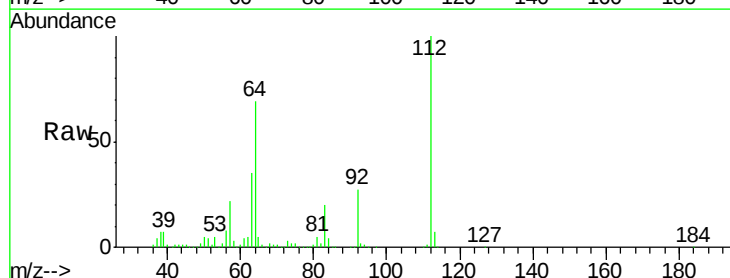
Tgt Ion:112 Resp: 711787

Ion Ratio Lower Upper

112 100

64 68.7 36.6 55.0#

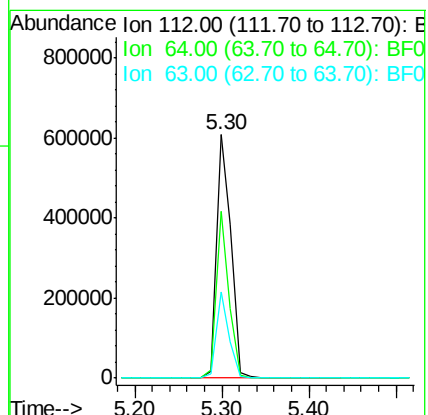
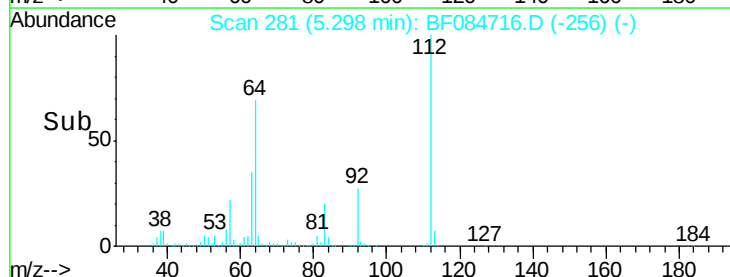
63 35.4 19.4 29.0#



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: 41.59 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Instrument :

BNA_F

ClientSampleId :

S8-0537

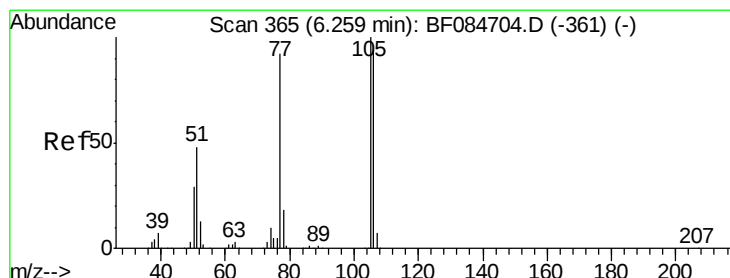
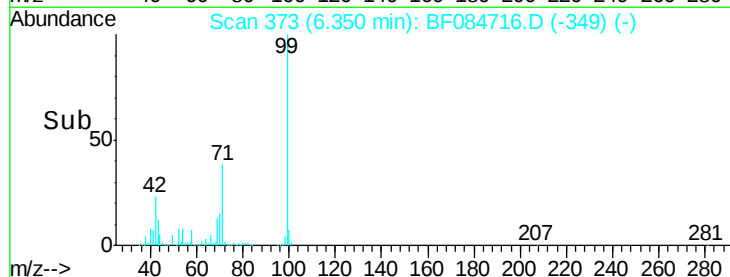
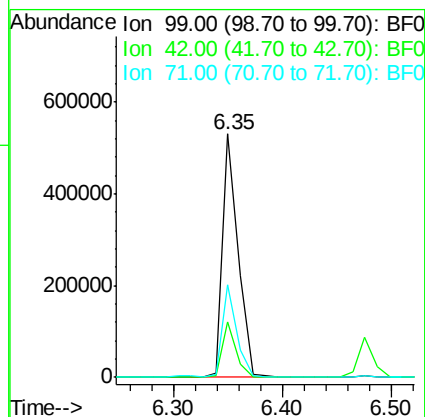
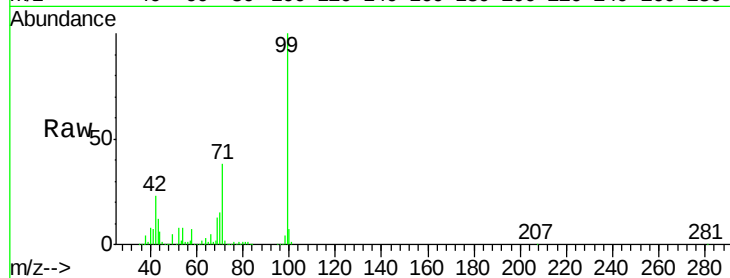
Tgt Ion: 99 Resp: 533197

Ion Ratio Lower Upper

99 100

42 23.0 12.8 19.2#

71 38.2 30.9 46.3



#9

Benzaldehyde

Concen: 3.50 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.21 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

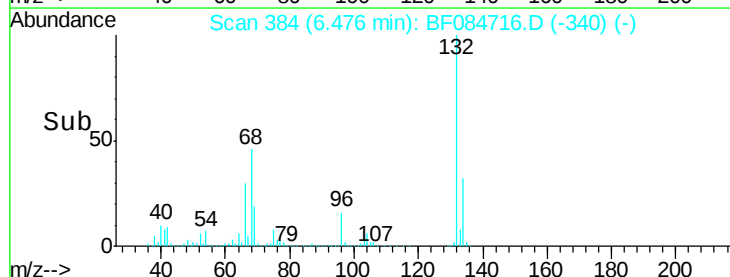
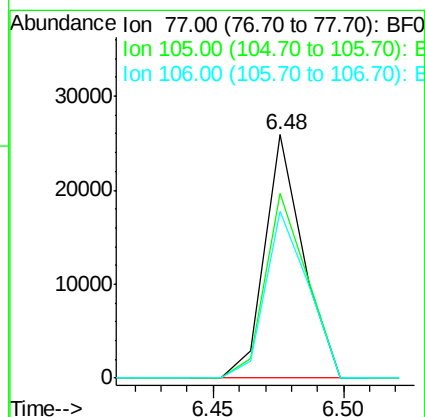
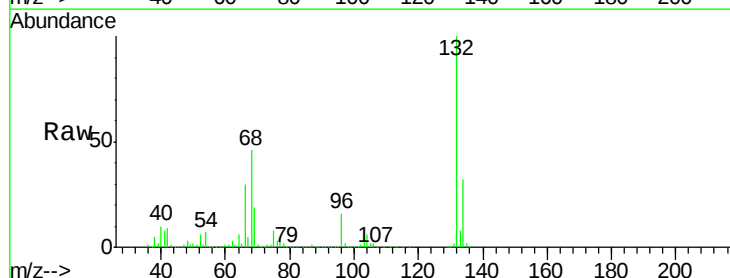
Tgt Ion: 77 Resp: 26522

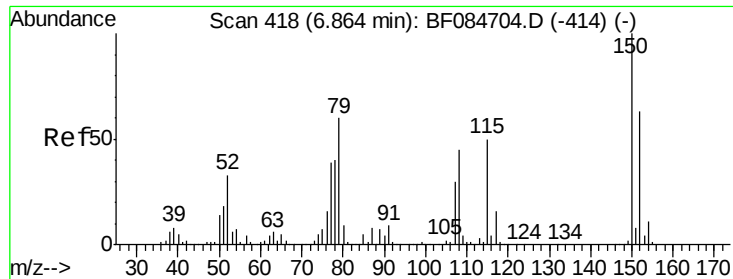
Ion Ratio Lower Upper

77 100

105 75.8 83.0 123.0#

106 68.6 74.6 114.6#





#15

Benzyl Alcohol

Concen: 2.26 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Instrument :

BNA_F

ClientSampled :

S8-0537

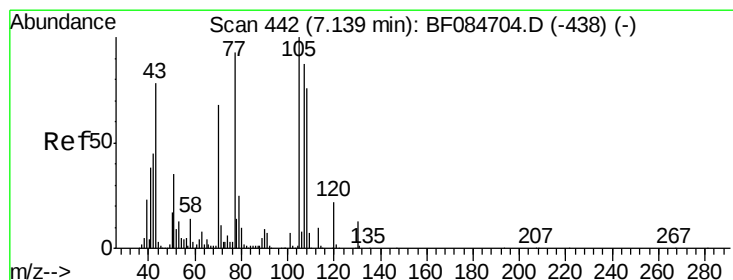
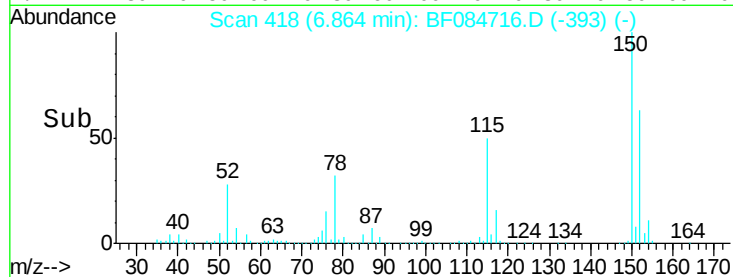
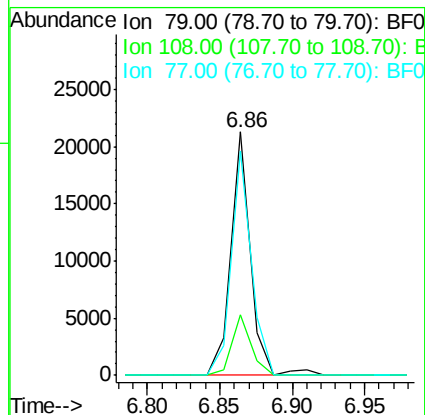
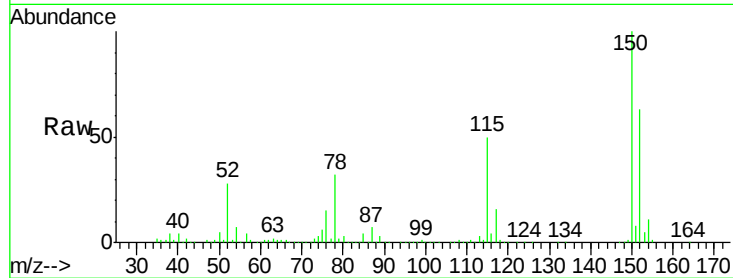
Tgt Ion: 79 Resp: 19990

Ion Ratio Lower Upper

79 100

108 25.1 69.0 103.4#

77 92.1 50.0 75.0#



#19

n-Nitroso-di-n-propylamine

Concen: 20.19 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Tgt Ion: 70 Resp: 162241

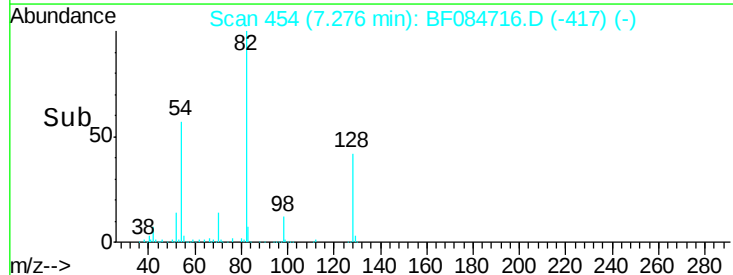
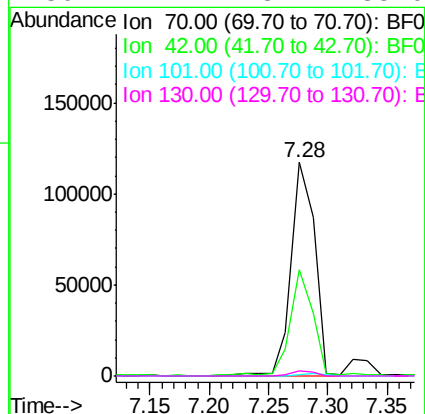
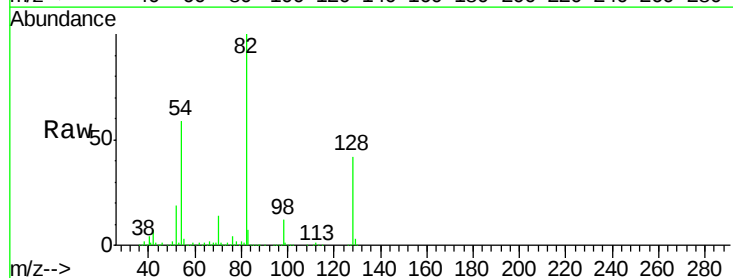
Ion Ratio Lower Upper

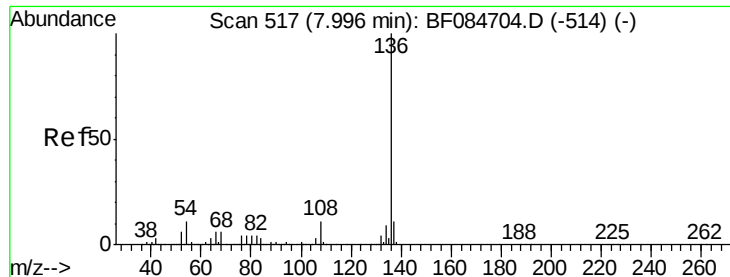
70 100

42 49.7 33.3 49.9

101 0.5 9.3 13.9#

130 2.2 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Instrument :

BNA_F

ClientSampleId :

S8-0537

Tgt Ion:136 Resp: 685678

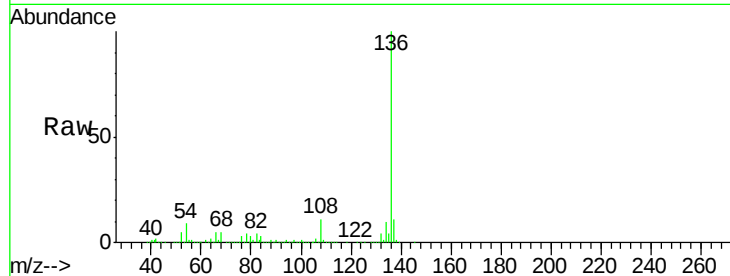
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 9.3 5.8 8.8#

68 5.0 4.2 6.2

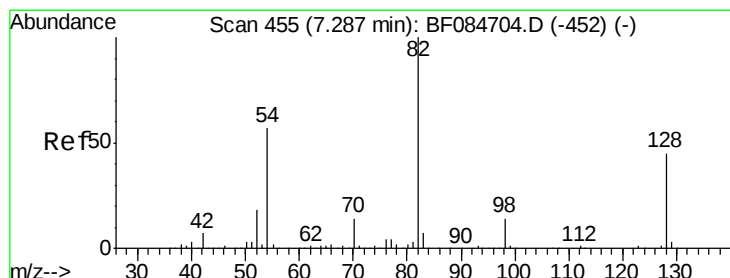
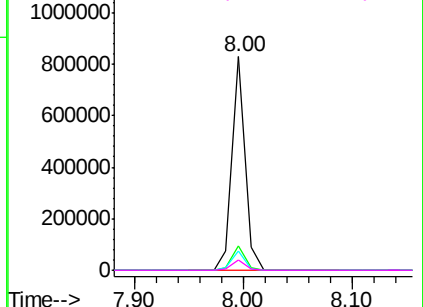
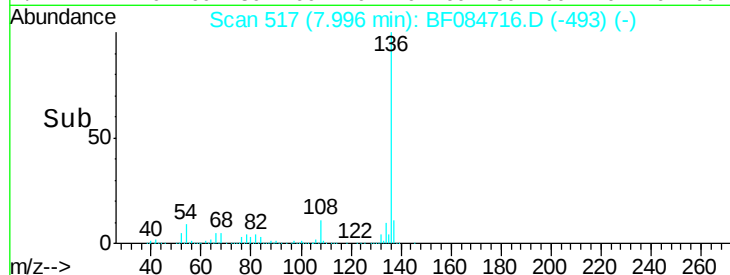


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.04 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

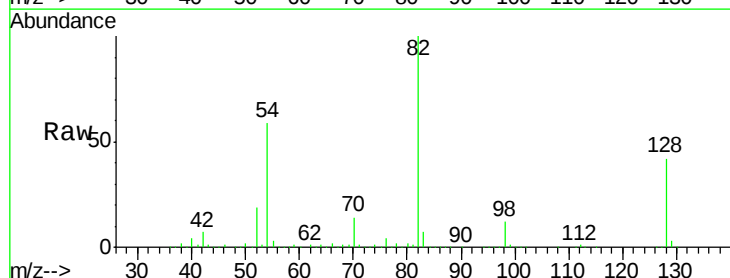
Tgt Ion: 82 Resp: 1181126

Ion Ratio Lower Upper

82 100

128 42.1 34.6 51.8

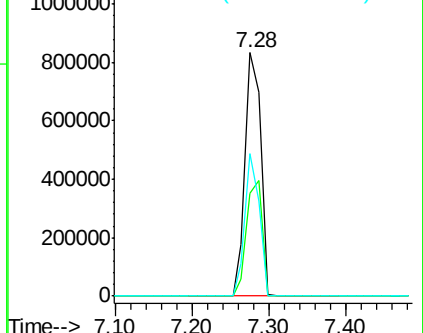
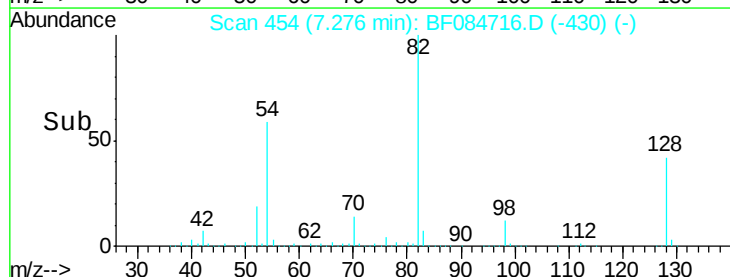
54 58.6 38.4 57.6#

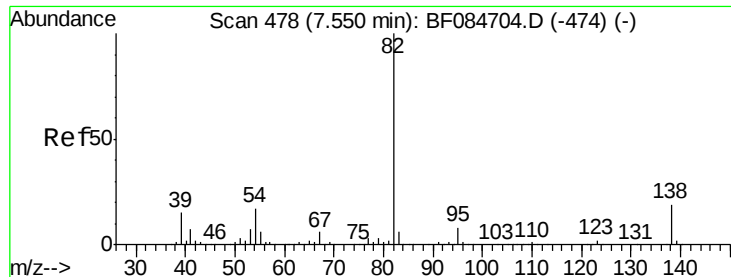


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 44.53 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.29 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Instrument :

BNA_F

ClientSampleId :

S8-0537

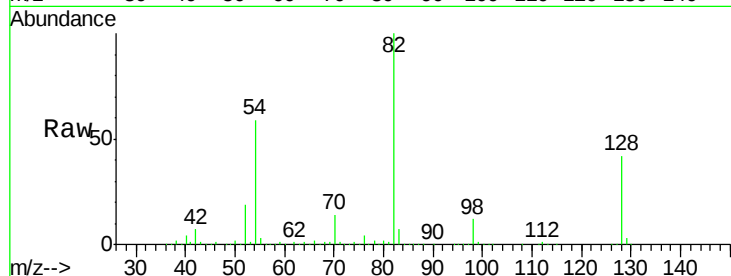
Tgt Ion: 82 Resp: 1053952

Ion Ratio Lower Upper

82 100

95 0.1 6.6 10.0#

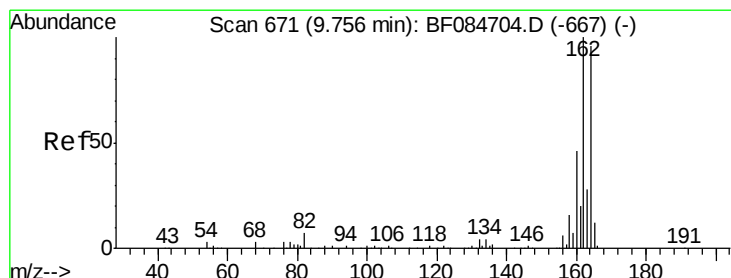
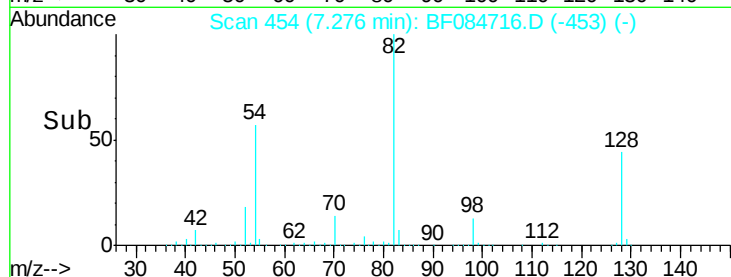
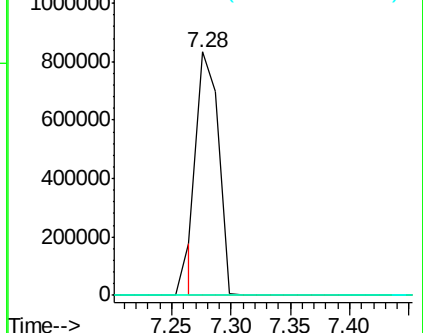
138 0.0 13.6 20.4#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

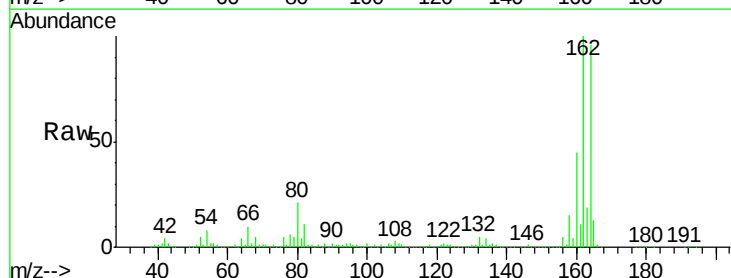
Tgt Ion: 164 Resp: 311390

Ion Ratio Lower Upper

164 100

162 104.0 85.1 127.7

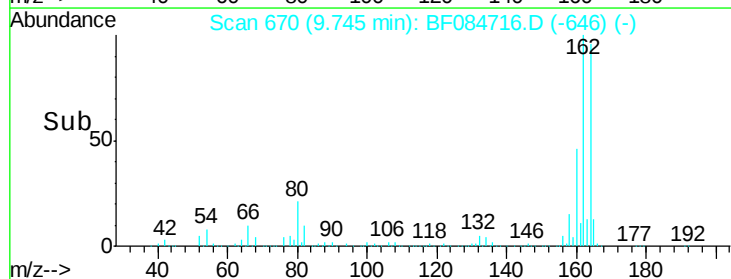
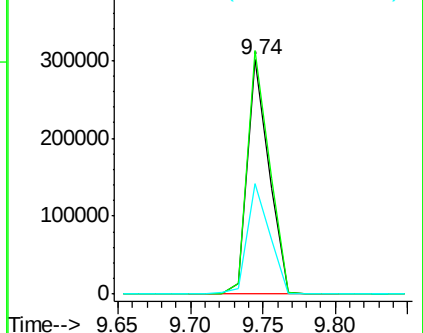
160 47.3 37.5 56.3

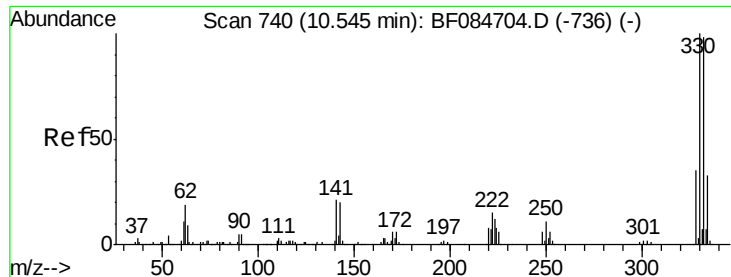


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

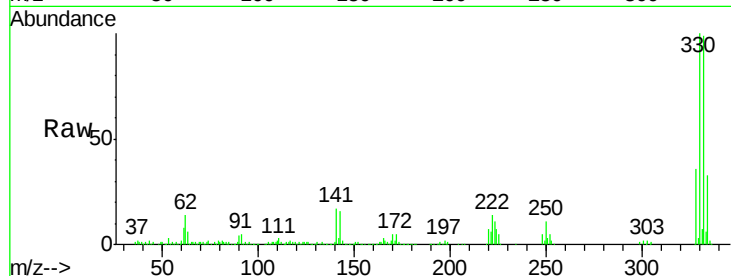




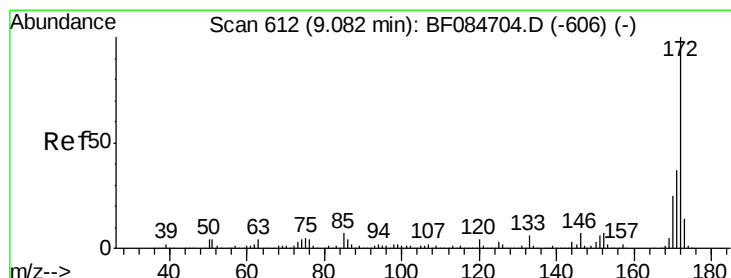
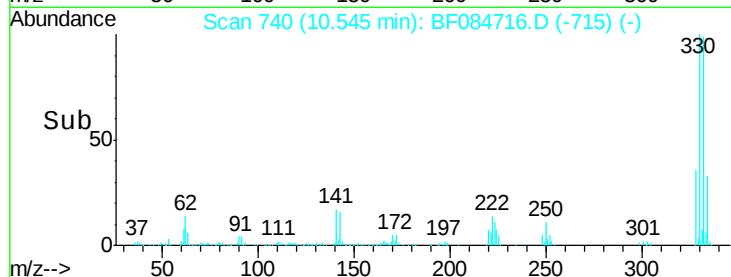
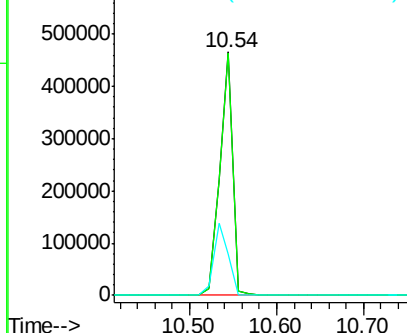
#41
 2,4,6-Tribromophenol
 Concen: 152.00 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084716.D
 Acq: 1 Feb 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 S8-0537

Tgt Ion:330 Resp: 493718
 Ion Ratio Lower Upper
 330 100
 332 99.4 76.6 114.8
 141 33.1 27.8 41.6

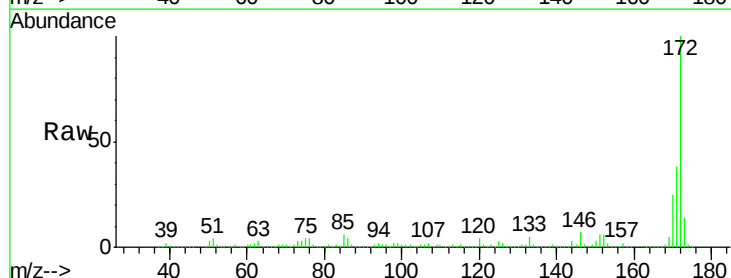


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

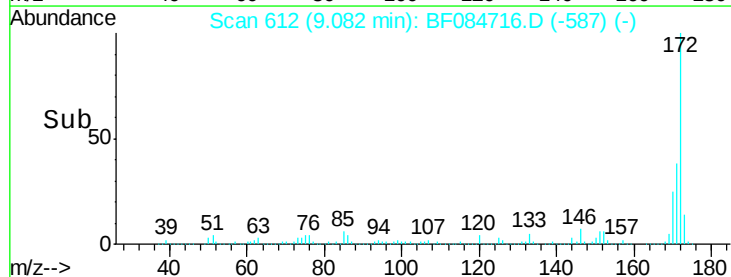
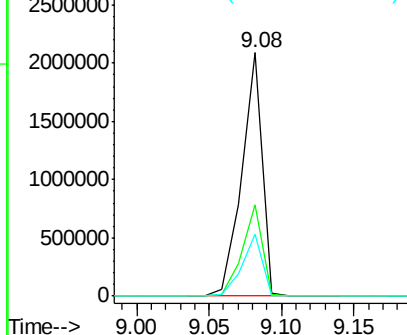


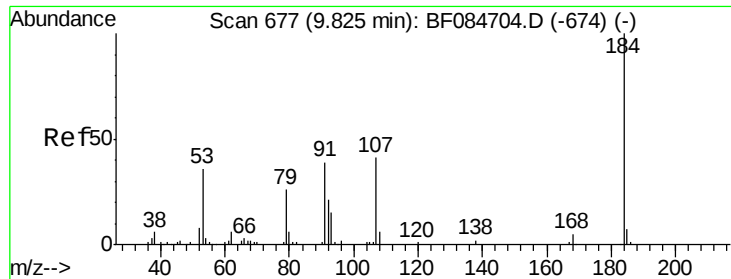
#44
 2-Fluorobiphenyl
 Concen: 138.99 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084716.D
 Acq: 1 Feb 2016 18:28

Tgt Ion:172 Resp: 2028387
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 25.2 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

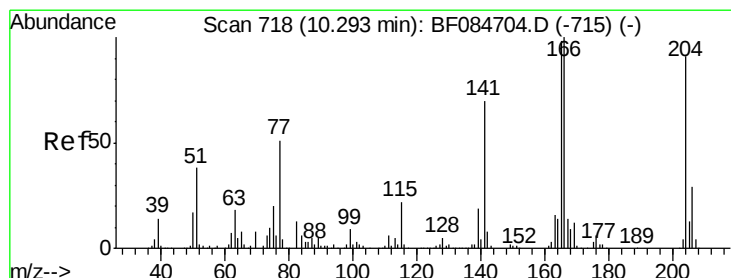
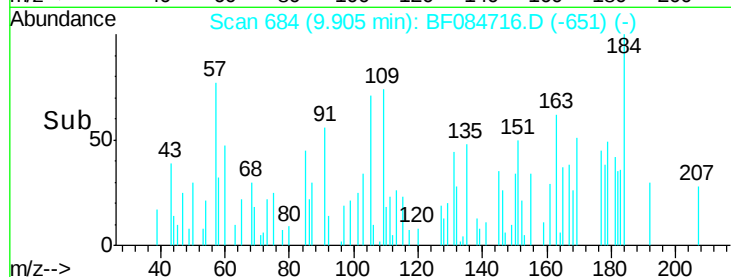
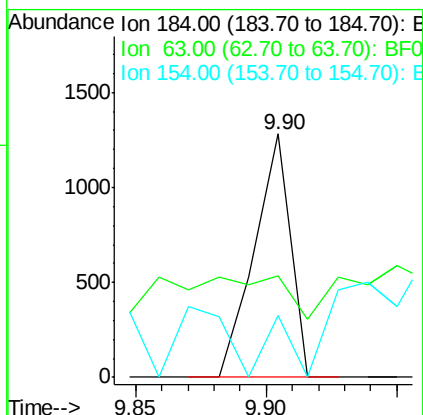
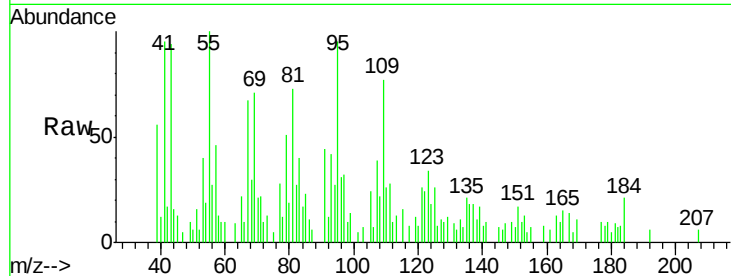




#53
2,4-Dinitrophenol
Concen: 6.28 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.08 min
Lab File: BF084716.D
Acq: 1 Feb 2016 18:28

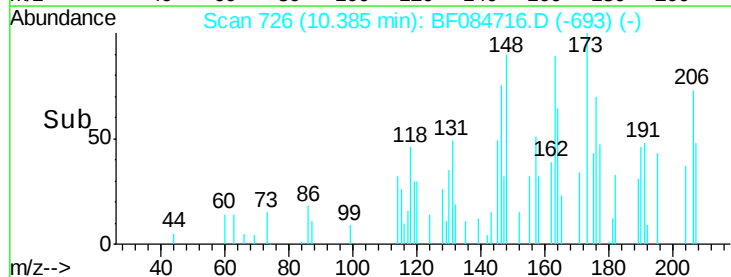
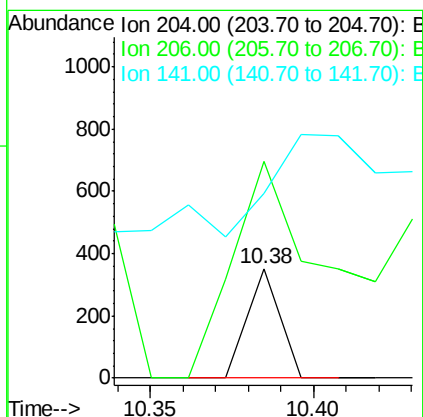
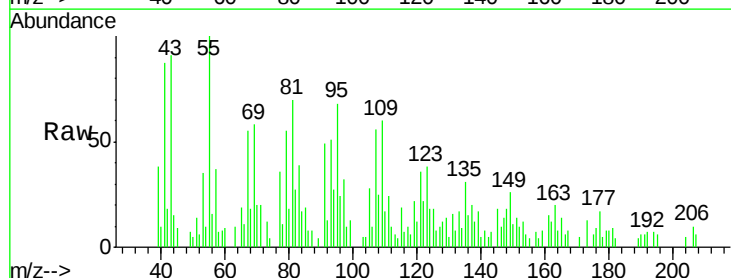
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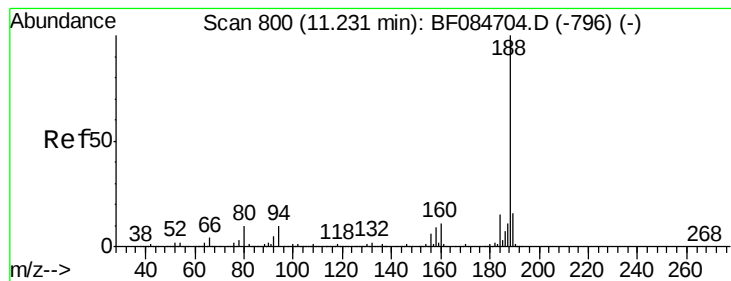
Tgt Ion:184 Resp: 1243
Ion Ratio Lower Upper
184 100
63 41.6 43.1 64.7#
154 25.6 60.5 90.7#



#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.38 min Scan# 726
Delta R.T. 0.08 min
Lab File: BF084716.D
Acq: 1 Feb 2016 18:28

Tgt Ion:204 Resp: 242
Ion Ratio Lower Upper
204 100
206 197.2 25.7 38.5#
141 168.6 55.1 82.7#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Instrument :

BNA_F

ClientSampleId :

S8-0537

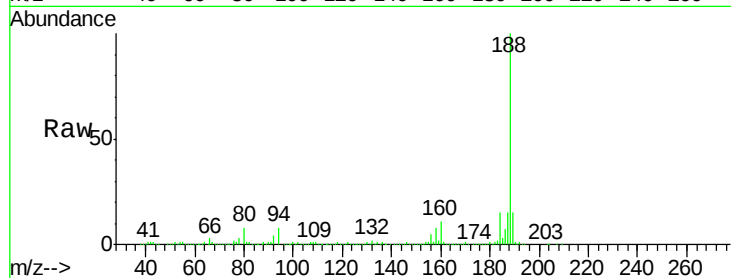
Tgt Ion:188 Resp: 601020

Ion Ratio Lower Upper

188 100

94 7.5 9.0 13.4#

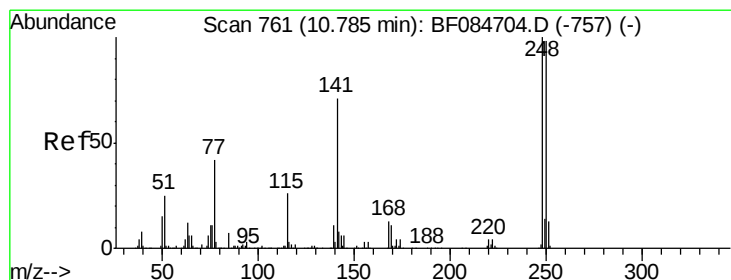
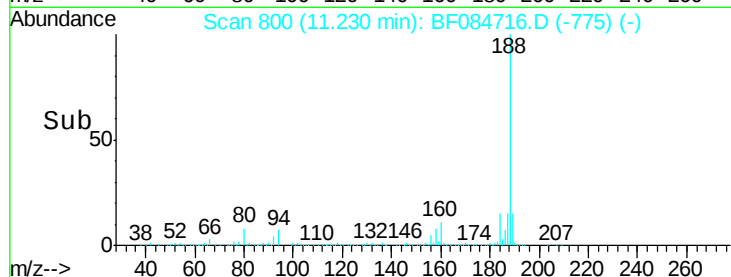
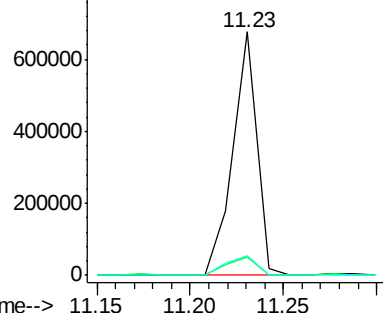
80 8.0 9.6 14.4#



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



#66

4-Bromophenyl-phenylether

Concen: 4.72 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

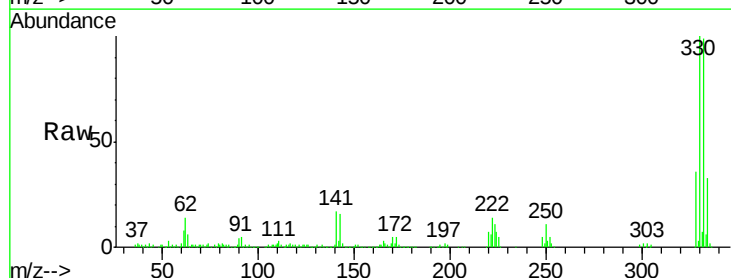
Tgt Ion:248 Resp: 31301

Ion Ratio Lower Upper

248 100

250 203.4 78.4 117.6#

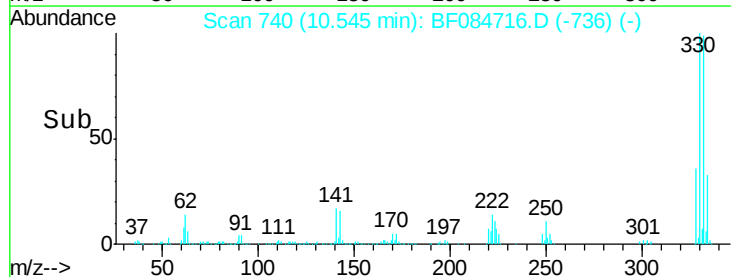
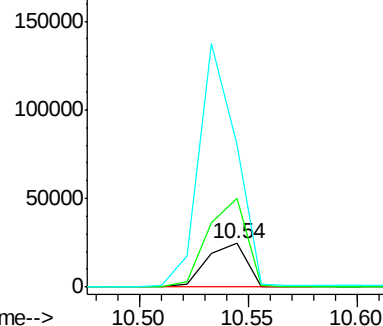
141 326.6 44.0 66.0#

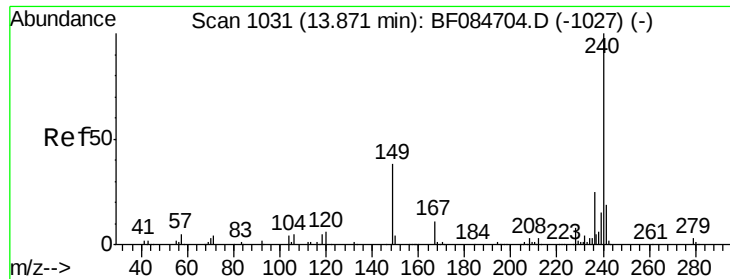


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Instrument :

BNA_F

ClientSampleId :

S8-0537

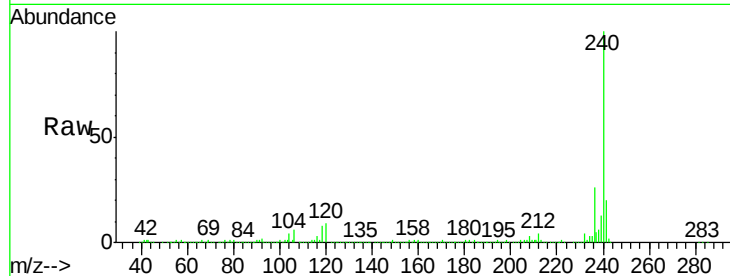
Tgt Ion:240 Resp: 447811

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

236 25.5 20.6 31.0

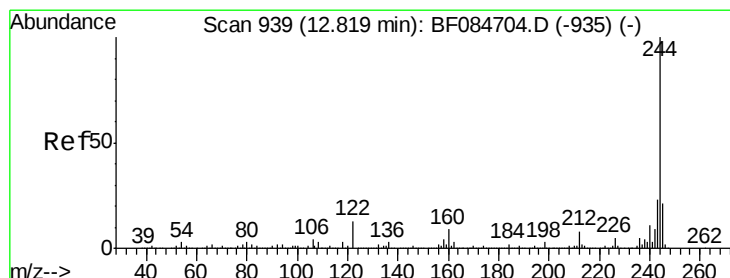
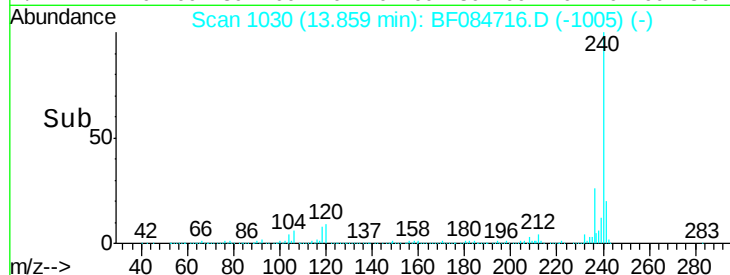
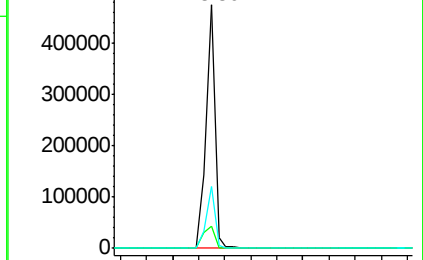


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.86



#78

Terphenyl-d14

Concen: 83.55 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

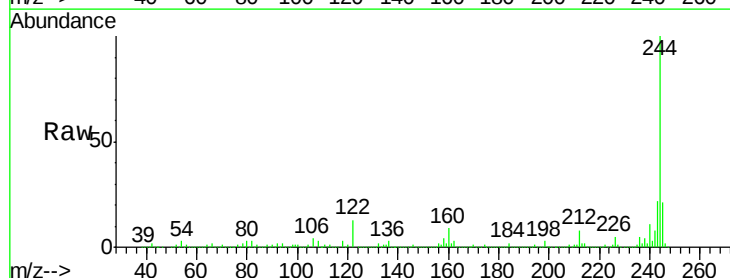
Tgt Ion:244 Resp: 1651090

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

122 12.8 7.4 11.0#

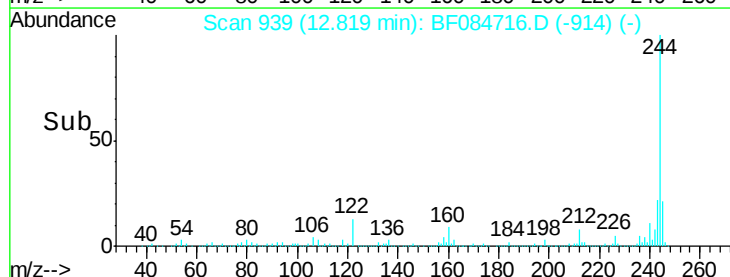
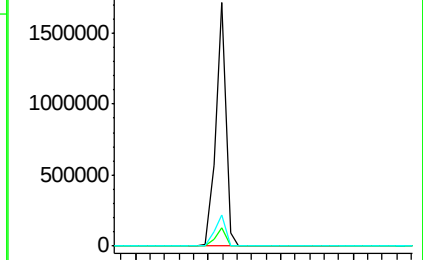


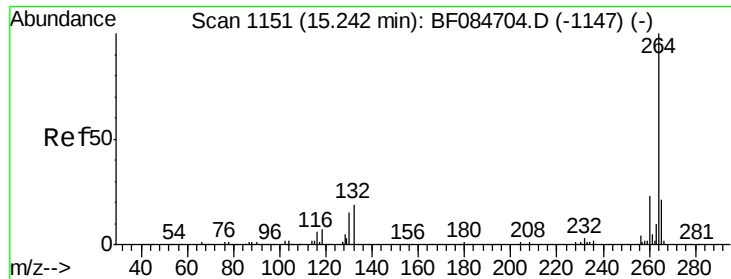
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.82

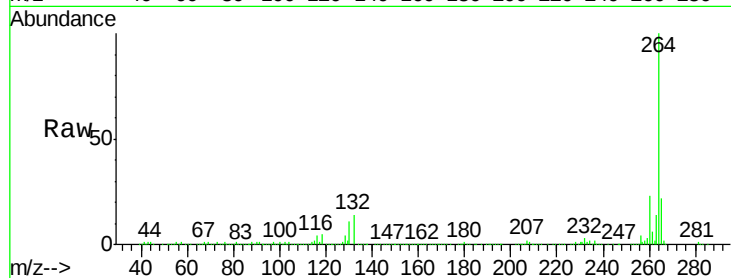




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084716.D
Acq: 1 Feb 2016 18:28

Instrument :
BNA_F
ClientSampleId :
S8-0537

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	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

