

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
 Data File : BF084319.D
 Acq On : 8 Jan 2016 1:06
 Operator : SJ/UM
 Sample : H1028-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT001

Quant Time: Jan 08 04:44:54 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

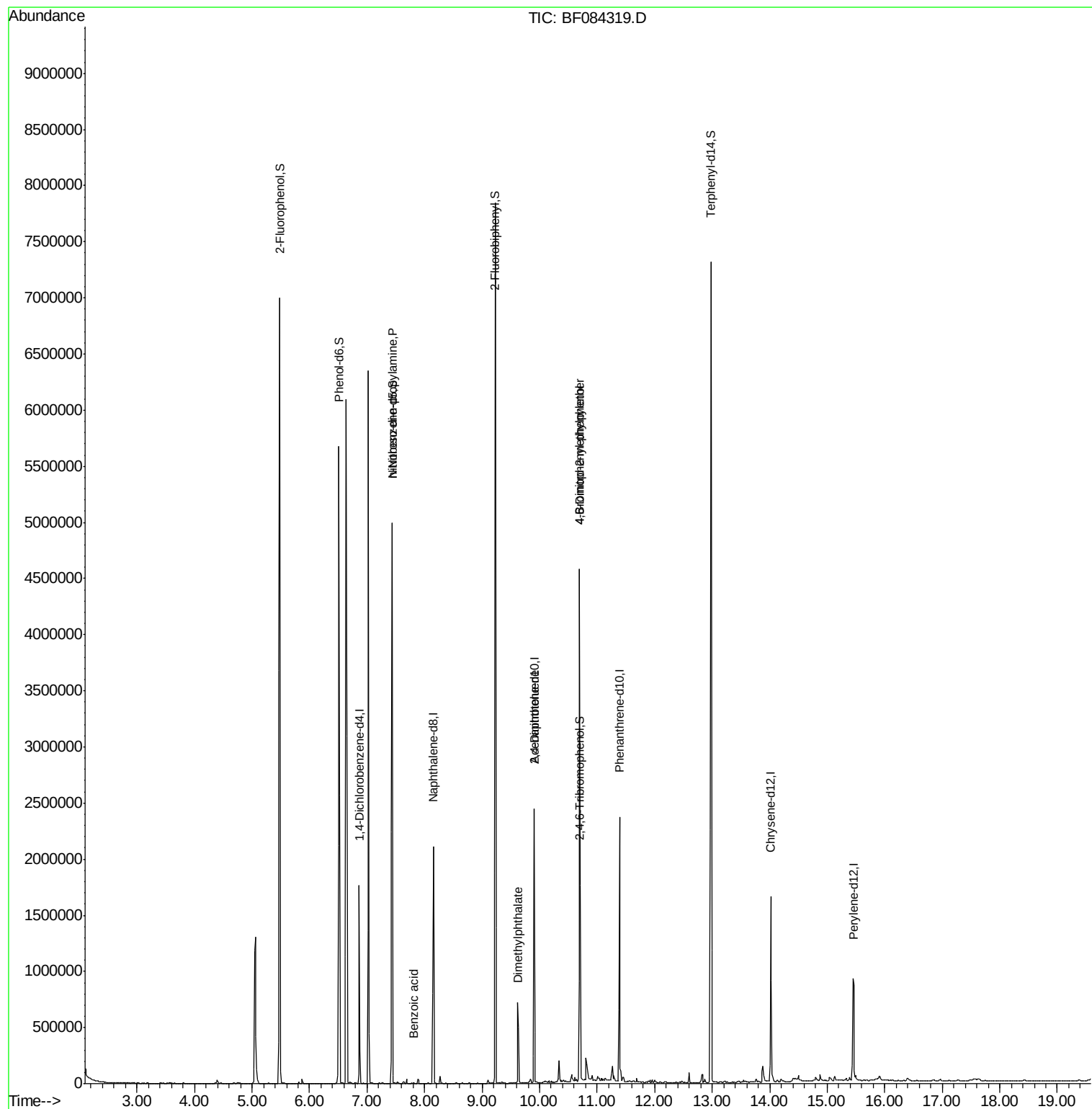
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	229610	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	999790	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	449530	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	819218	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	659072	20.00	ng	-0.05
86) Perylene-d12	15.46	264	521202	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1998322	140.77	ng	-0.01
7) Phenol-d6	6.51	99	2466168	138.33	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1681848	93.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	626129	137.96	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2392316	94.31	ng	-0.03
78) Terphenyl-d14	12.98	244	2303548	78.02	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	243773	20.20	ng	# 71
32) Benzoic acid	7.81	122	507	6.29	ng	# 1
49) Dimethylphthalate	9.63	163	369236	11.49	ng	# 91
54) Dibenzofuran	10.11	168	2461	Below Cal		91
56) 2,4-Dinitrotoluene	9.90	165	60651	6.80	ng	# 22
57) Fluorene	10.45	166	2088	Below Cal		84
64) 4,6-Dinitro-2-methylphenol	10.69	198	1306	6.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	37809	4.29	ng	# 1
73) Di-n-butylphthalate	11.95	149	13599	Below Cal		# 91

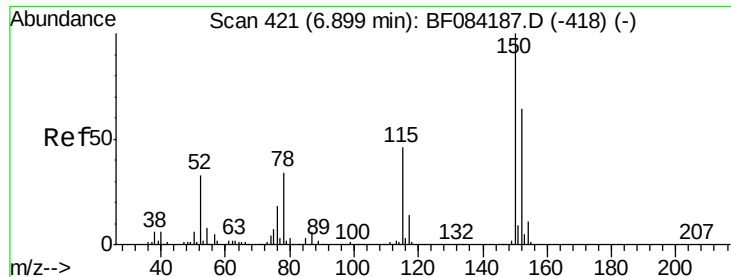
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084319.D

Acq: 8 Jan 2016 1:06

Instrument :

BNA_F

ClientSampleId :

BT001

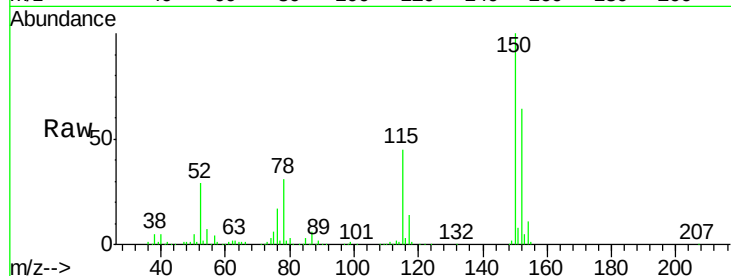
Tgt Ion:152 Resp: 229610

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

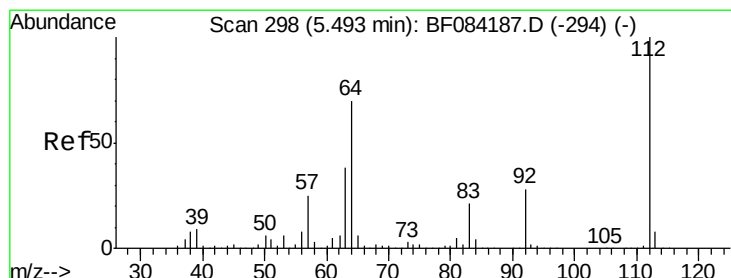
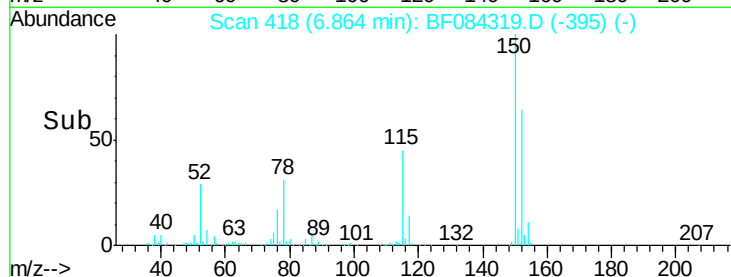
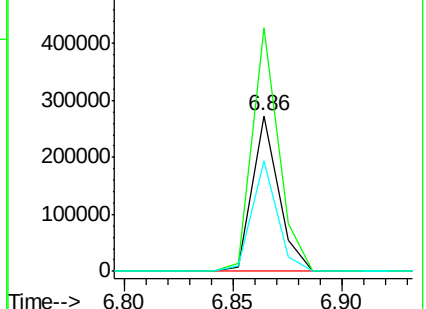
115 71.1 51.4 77.2



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: 140.77 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084319.D

Acq: 8 Jan 2016 1:06

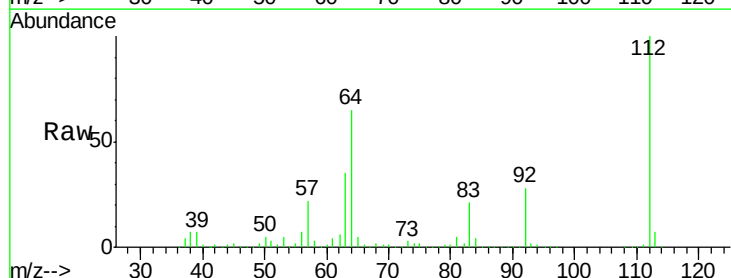
Tgt Ion:112 Resp: 1998322

Ion Ratio Lower Upper

112 100

64 65.5 36.6 55.0#

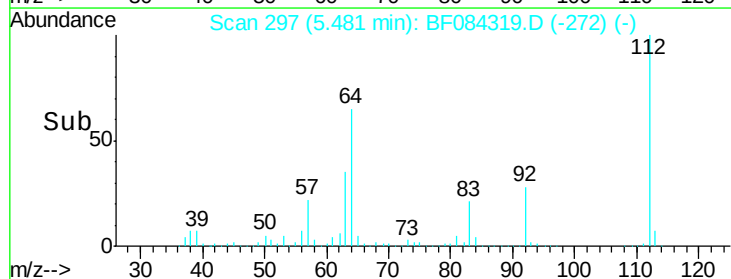
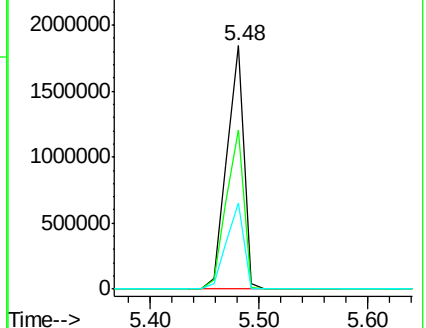
63 35.2 19.4 29.0#

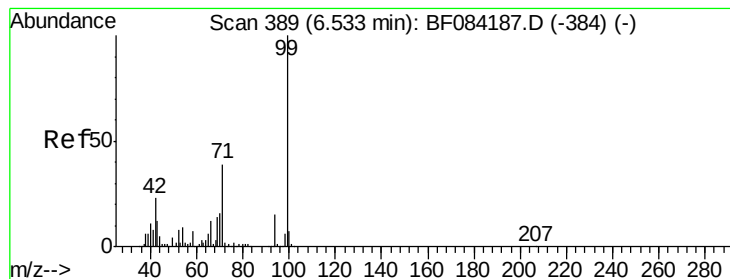


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.33 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084319.D

Acq: 8 Jan 2016 1:06

Instrument :

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ClientSampleId :

BT001

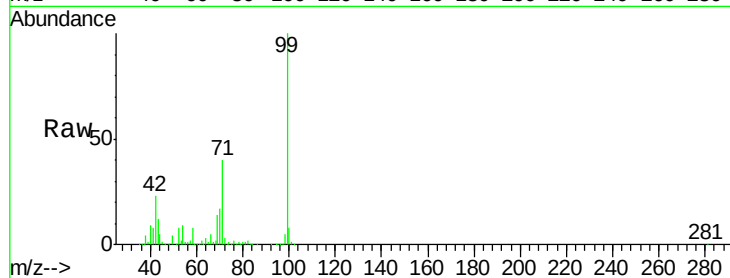
Tgt Ion: 99 Resp: 2466168

Ion Ratio Lower Upper

99 100

42 23.1 12.8 19.2#

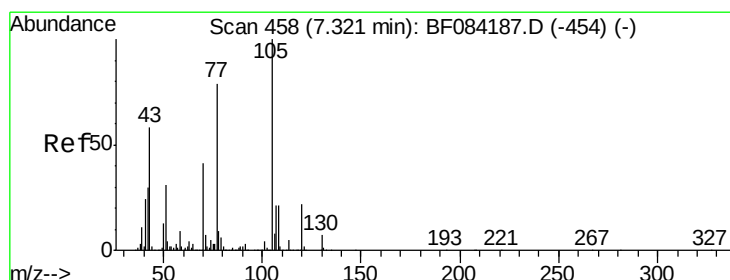
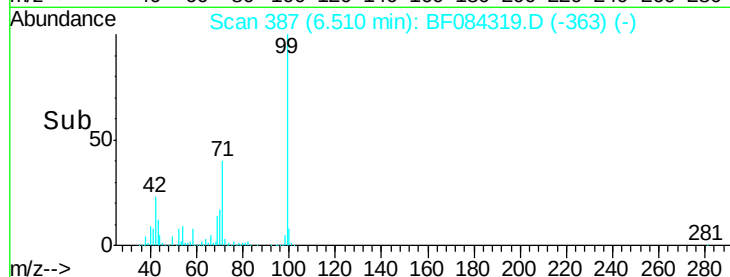
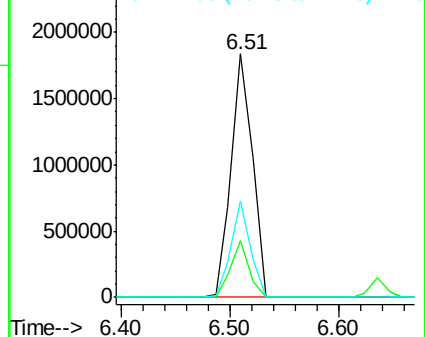
71 39.7 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 20.20 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.11 min

Lab File: BF084319.D

Acq: 8 Jan 2016 1:06

Tgt Ion: 70 Resp: 243773

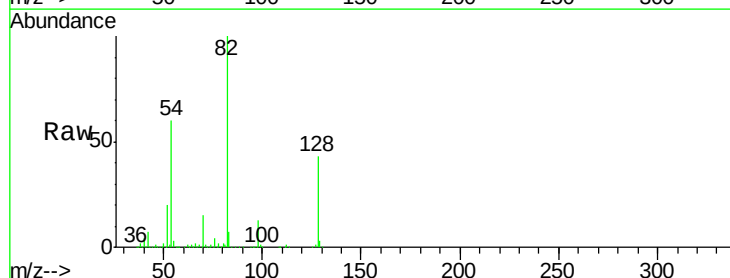
Ion Ratio Lower Upper

70 100

42 50.6 33.3 49.9#

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

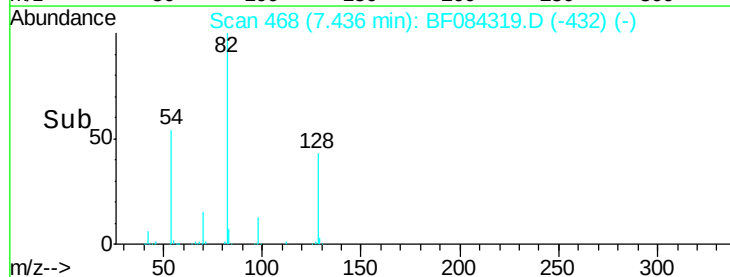
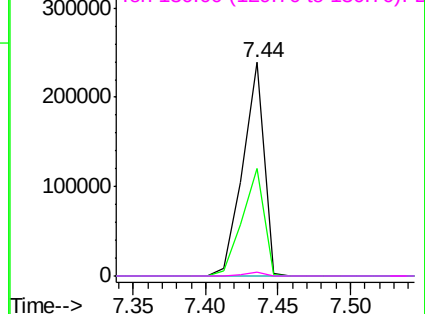


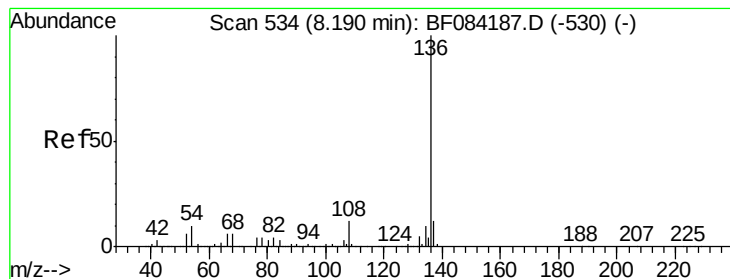
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084319.D

Acq: 8 Jan 2016 1:06

Instrument :

BNA_F

ClientSampleId :

BT001

Tgt Ion:136 Resp: 999790

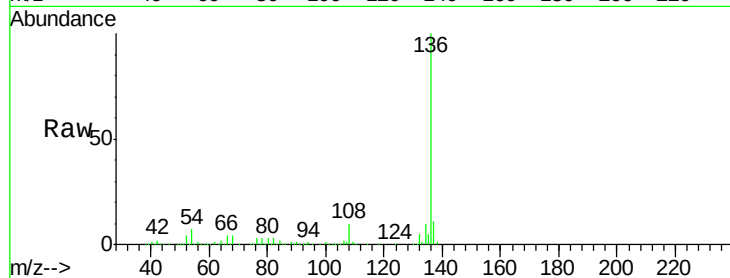
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.3 5.8 8.8

68 4.4 4.2 6.2

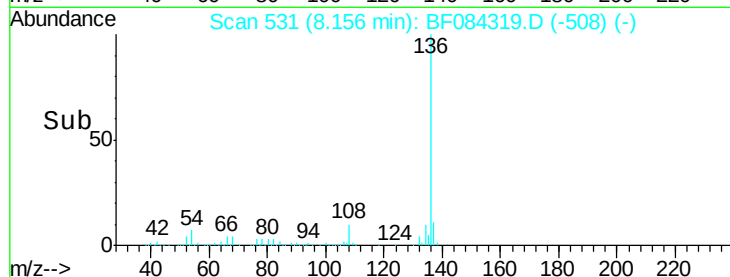


Abundance Ion 136.00 (135.70 to 136.70): E

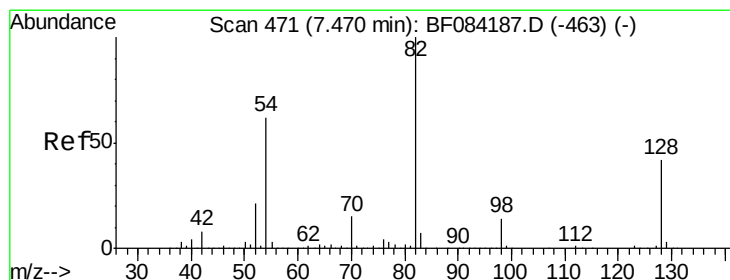
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 93.62 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084319.D

Acq: 8 Jan 2016 1:06

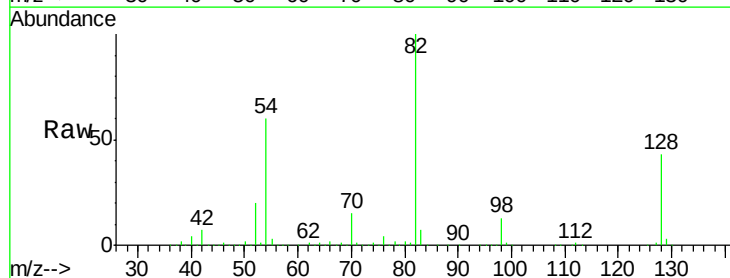
Tgt Ion: 82 Resp: 1681848

Ion Ratio Lower Upper

82 100

128 43.4 34.6 51.8

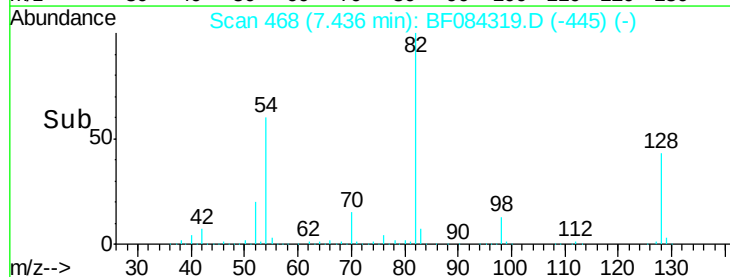
54 60.2 38.4 57.6#



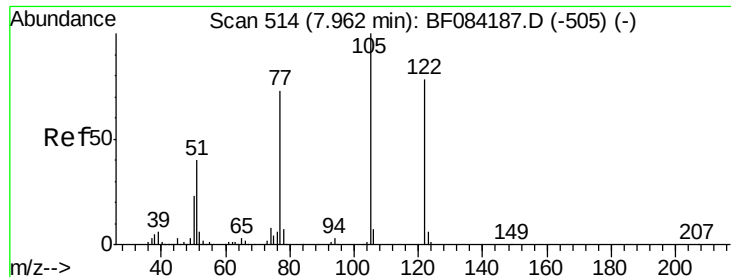
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



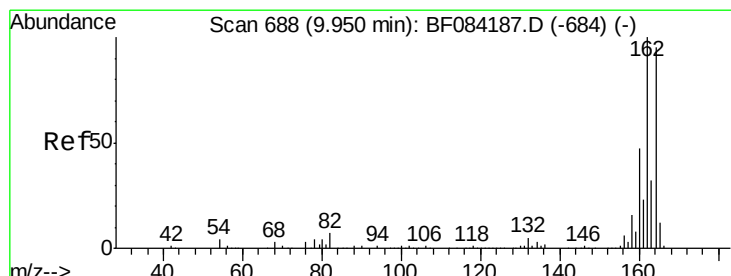
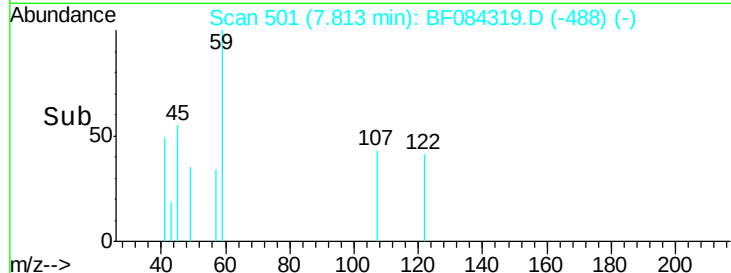
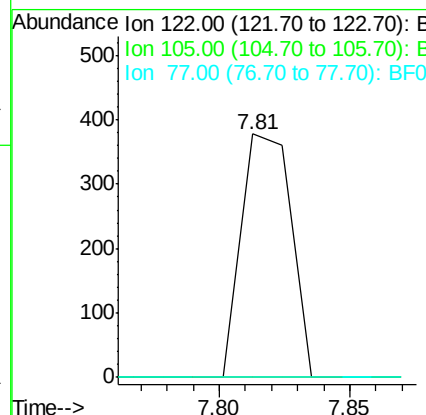
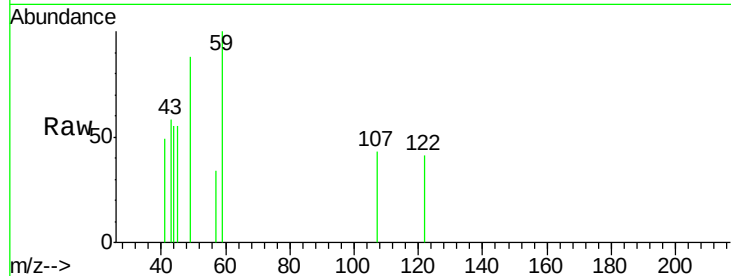
Time-->



#32
Benzoic acid
Concen: 6.29 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.15 min
Lab File: BF084319.D
Acq: 8 Jan 2016 1:06

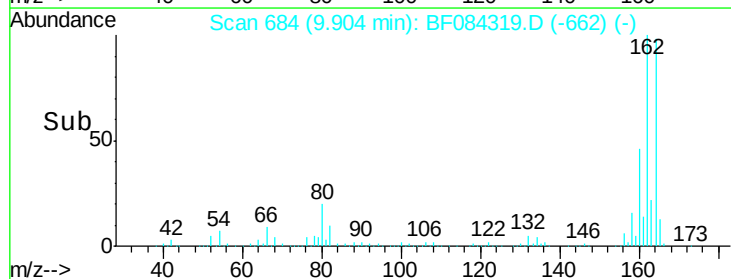
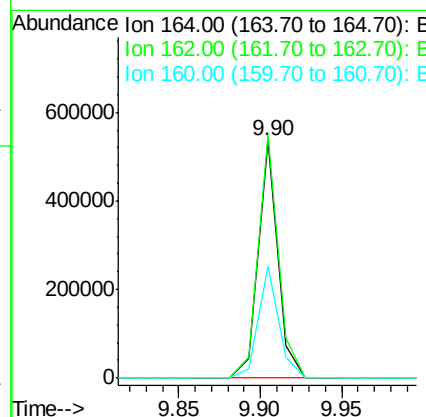
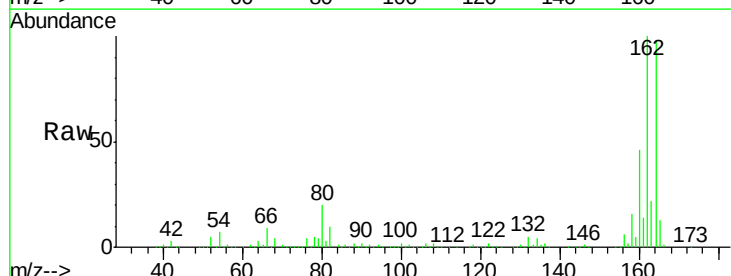
Instrument :
BNA_F
ClientSampleId :
BT001

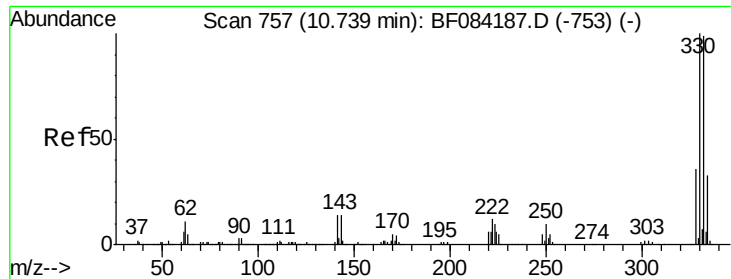
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	100.3	140.3#
77	0.0	63.5	103.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084319.D
Acq: 8 Jan 2016 1:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	85.1	127.7
160	47.3	37.5	56.3

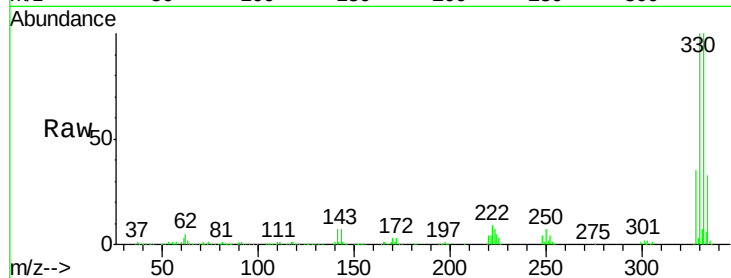




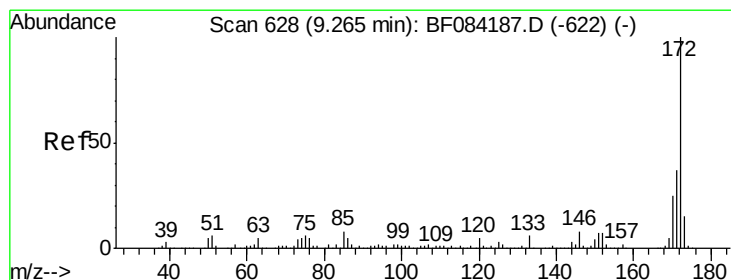
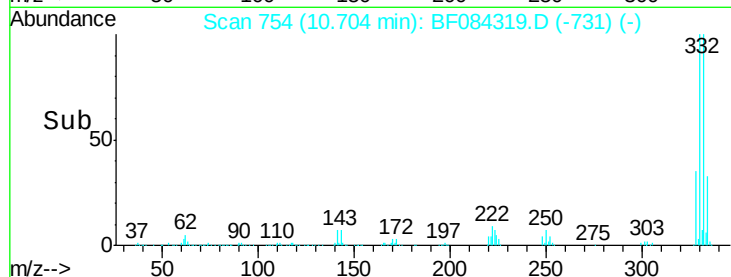
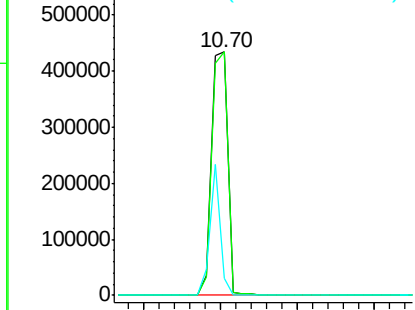
#41
 2,4,6-Tribromophenol
 Concen: 137.96 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084319.D
 Acq: 8 Jan 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 BT001

Tgt Ion:330 Resp: 626129
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 34.8 27.8 41.6

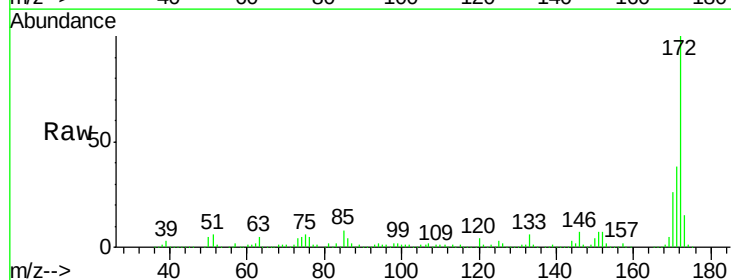


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

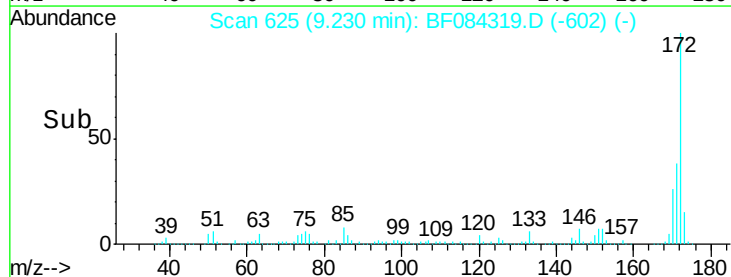
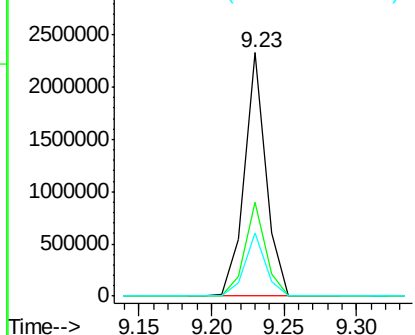


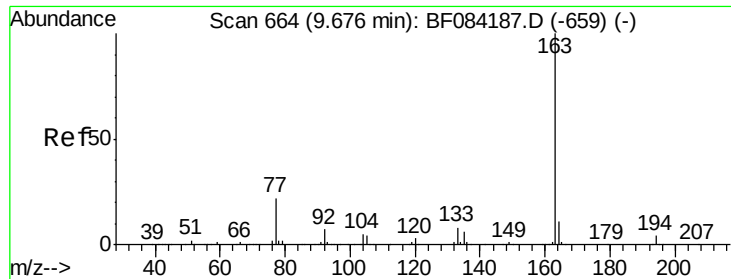
#44
 2-Fluorobiphenyl
 Concen: 94.31 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084319.D
 Acq: 8 Jan 2016 1:06

Tgt Ion:172 Resp: 2392316
 Ion Ratio Lower Upper
 172 100
 171 38.3 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: 11.49 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF084319.D

Acq: 8 Jan 2016 1:06

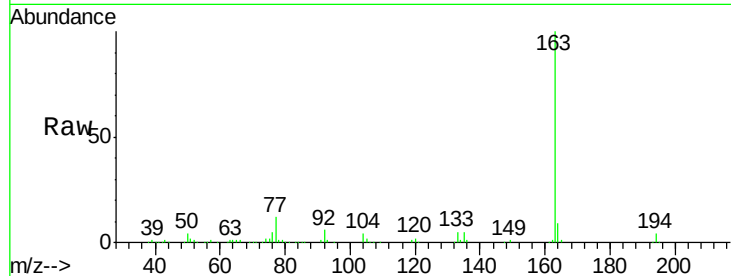
Instrument :

BNA_F

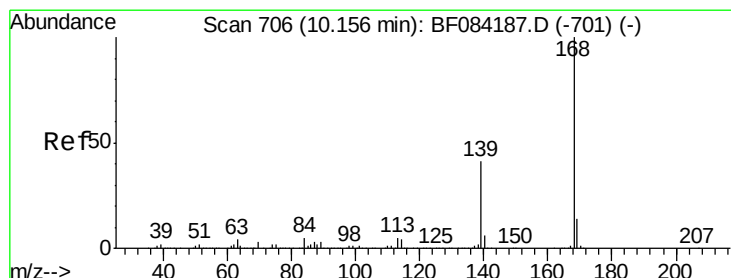
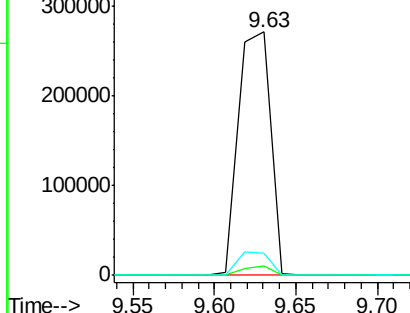
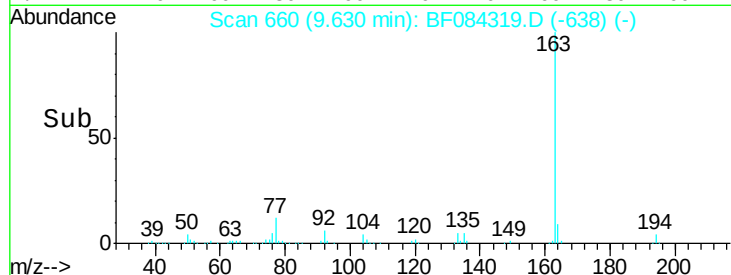
ClientSampleId :

BT001

Tgt Ion:	163	Resp:	369236
Ion	Ratio	Lower	Upper
163	100		
194	4.0	8.0	12.0#
164	9.2	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

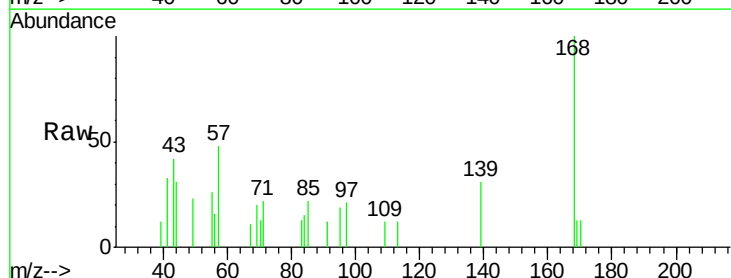
RT: 10.11 min Scan# 702

Delta R.T. -0.05 min

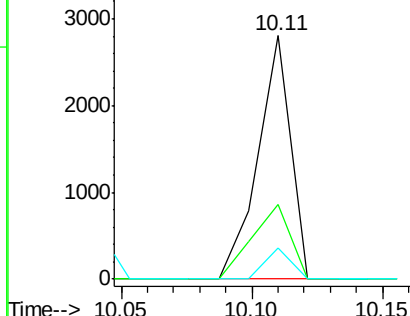
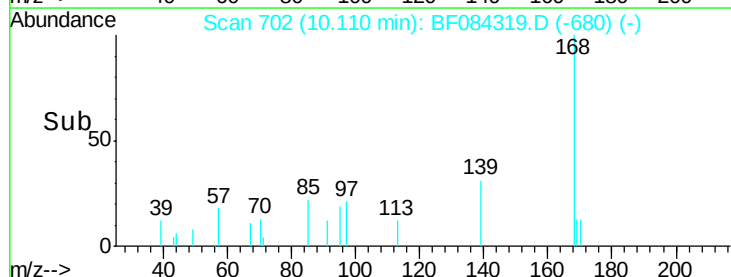
Lab File: BF084319.D

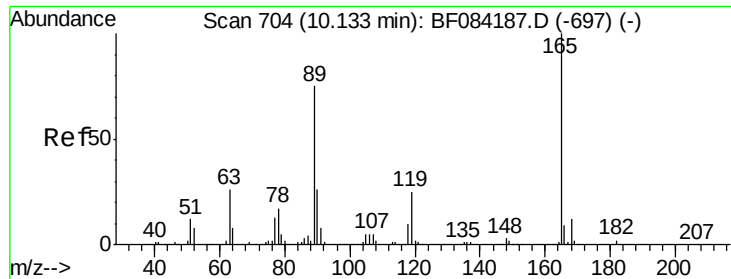
Acq: 8 Jan 2016 1:06

Tgt Ion:	168	Resp:	2461
Ion	Ratio	Lower	Upper
168	100		
139	30.7	30.5	45.7
169	12.8	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

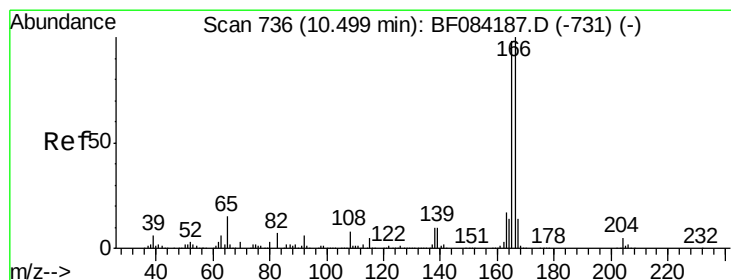
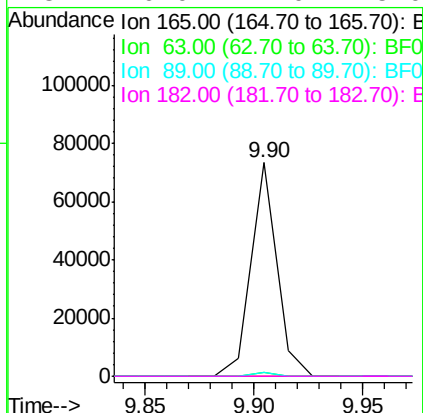
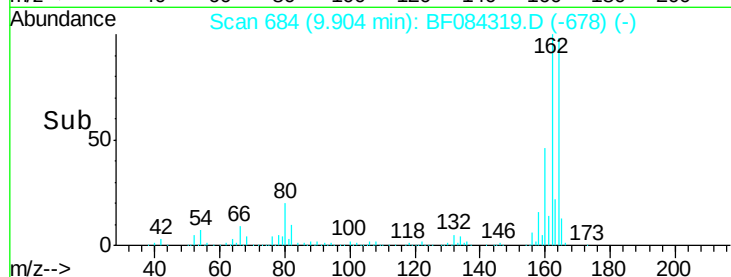
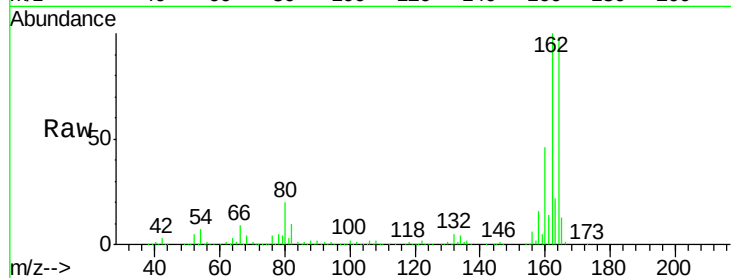




#56
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084319.D
Acq: 8 Jan 2016 1:06

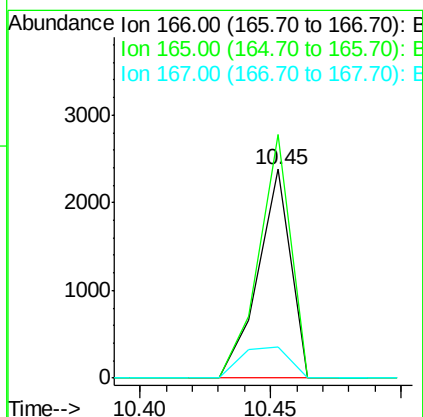
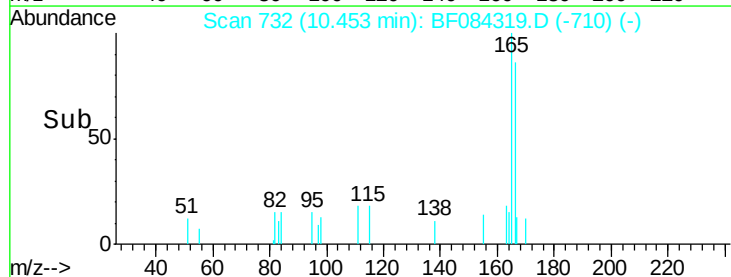
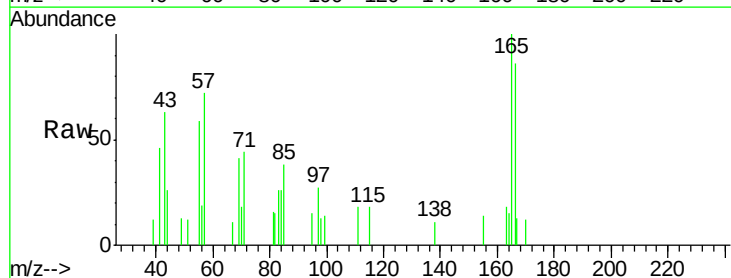
Instrument :
BNA_F
ClientSampleId :
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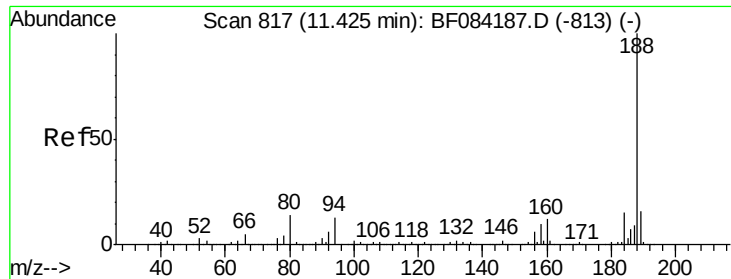
Tgt Ion:165 Resp: 60651
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.6 61.9 92.9#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.45 min Scan# 732
Delta R.T. -0.05 min
Lab File: BF084319.D
Acq: 8 Jan 2016 1:06

Tgt Ion:166 Resp: 2088
Ion Ratio Lower Upper
166 100
165 116.8 79.1 118.7
167 15.0 10.4 15.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084319.D

Acq: 8 Jan 2016 1:06

Instrument :

BNA_F

ClientSampleId :

BT001

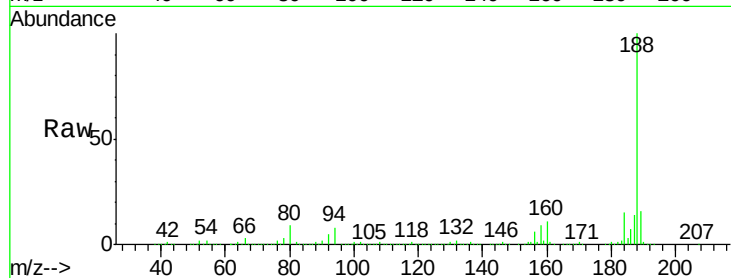
Tgt Ion:188 Resp: 819218

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.4#

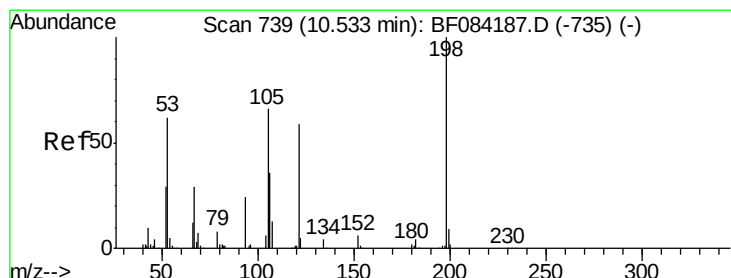
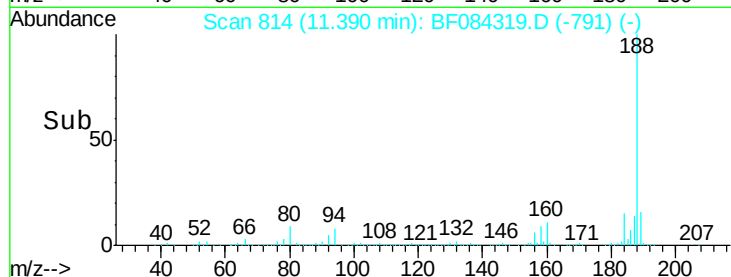
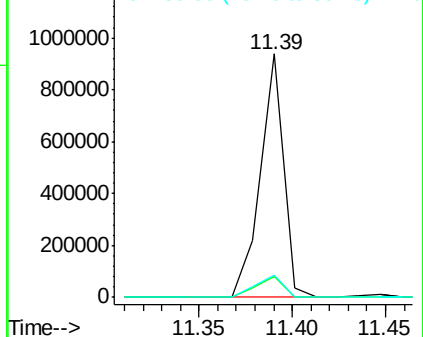
80 9.3 9.6 14.4#



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: 6.62 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF084319.D

Acq: 8 Jan 2016 1:06

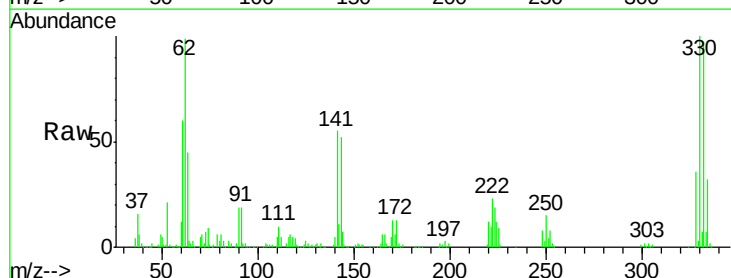
Tgt Ion:198 Resp: 1306

Ion Ratio Lower Upper

198 100

51 201.4 18.9 58.9#

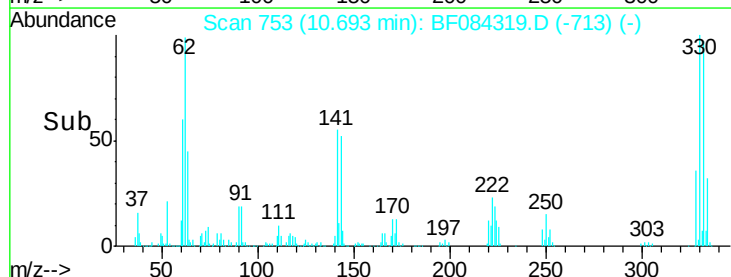
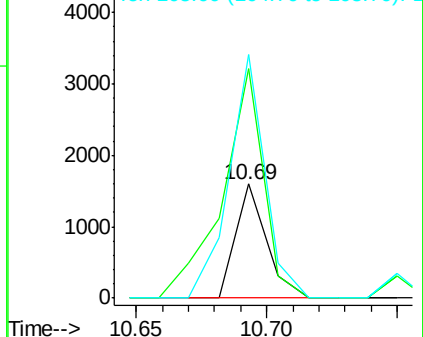
105 213.5 26.4 66.4#

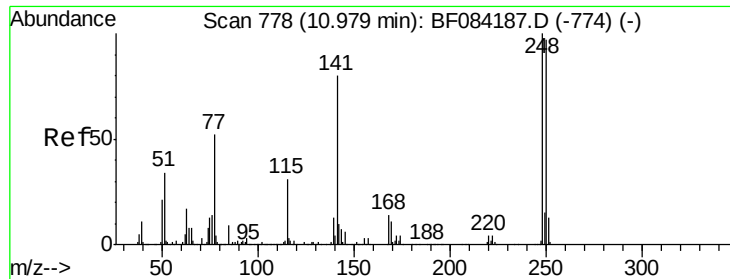


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

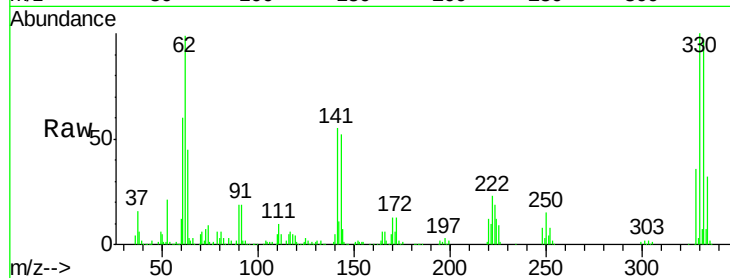




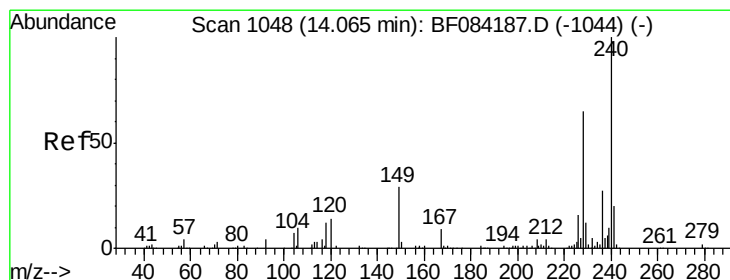
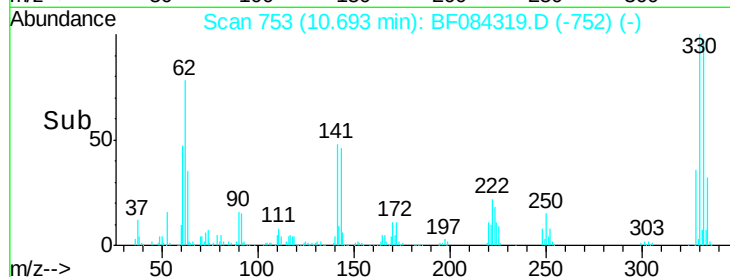
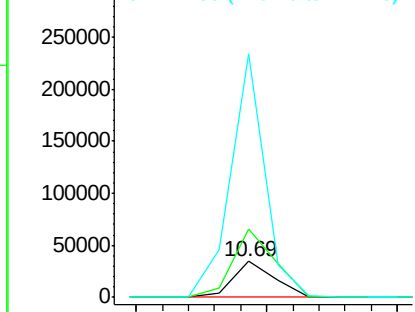
#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084319.D
Acq: 8 Jan 2016 1:06

Instrument :
BNA_F
ClientSampleId :
BT001

Tgt Ion:248 Resp: 37809
Ion Ratio Lower Upper
248 100
250 189.7 78.4 117.6#
141 675.8 44.0 66.0#

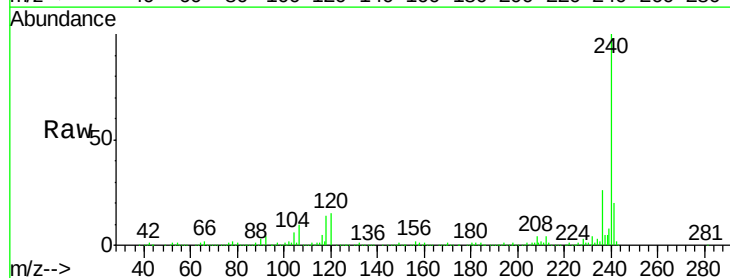


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

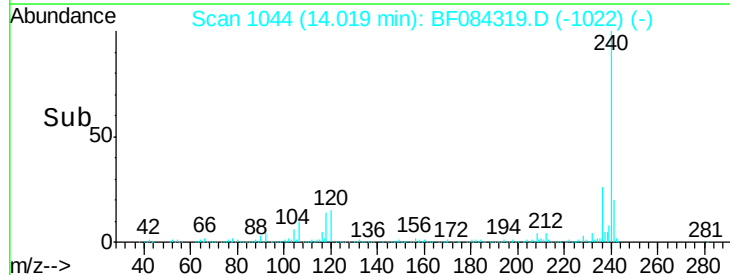
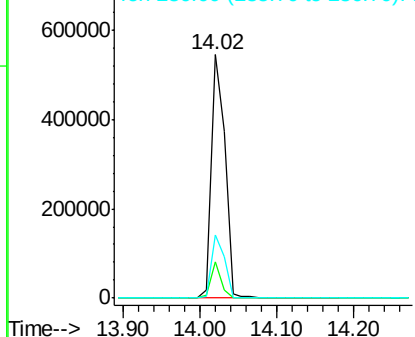


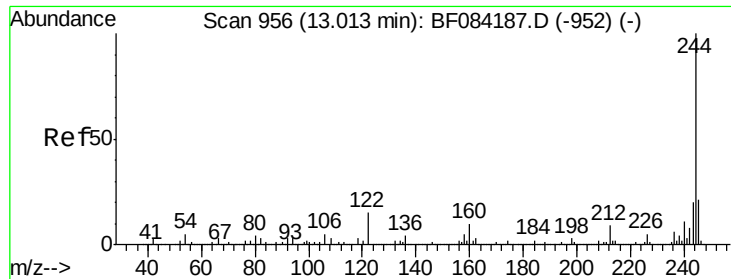
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084319.D
Acq: 8 Jan 2016 1:06

Tgt Ion:240 Resp: 659072
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.8 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: 78.02 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084319.D

Acq: 8 Jan 2016 1:06

Instrument :

BNA_F

ClientSampleId :

BT001

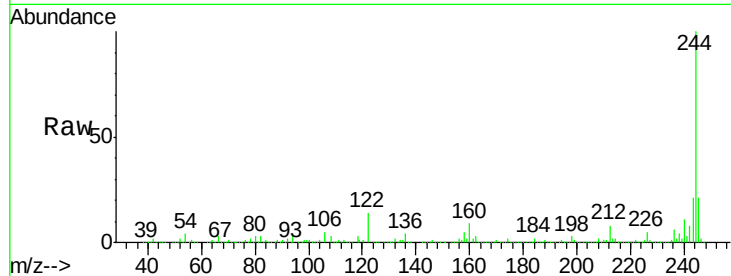
Tgt Ion:244 Resp: 2303548

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

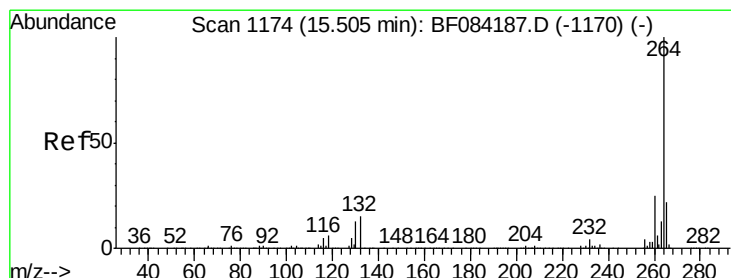
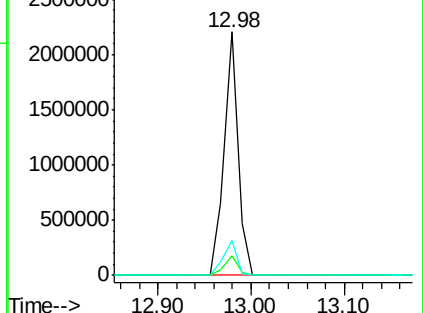
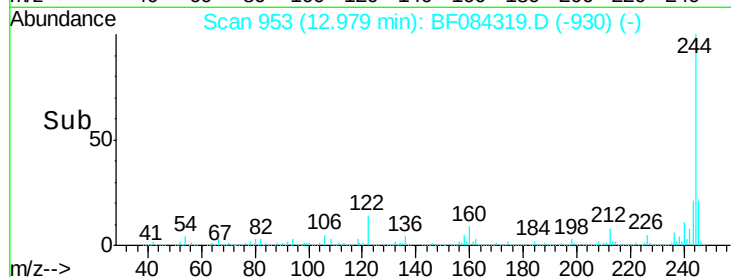
122 14.4 7.4 11.0#



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: 15.46 min Scan# 1170

Delta R.T. -0.05 min

Lab File: BF084319.D

Acq: 8 Jan 2016 1:06

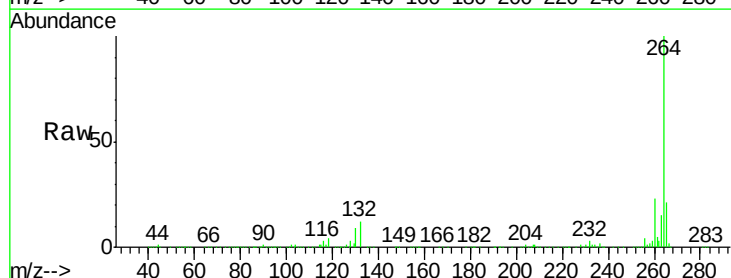
Tgt Ion:264 Resp: 521202

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.4 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

