

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
 Data File : BF084314.D
 Acq On : 7 Jan 2016 19:20
 Operator : SJ/UM
 Sample : H1028-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT002

Quant Time: Jan 08 00:11:38 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

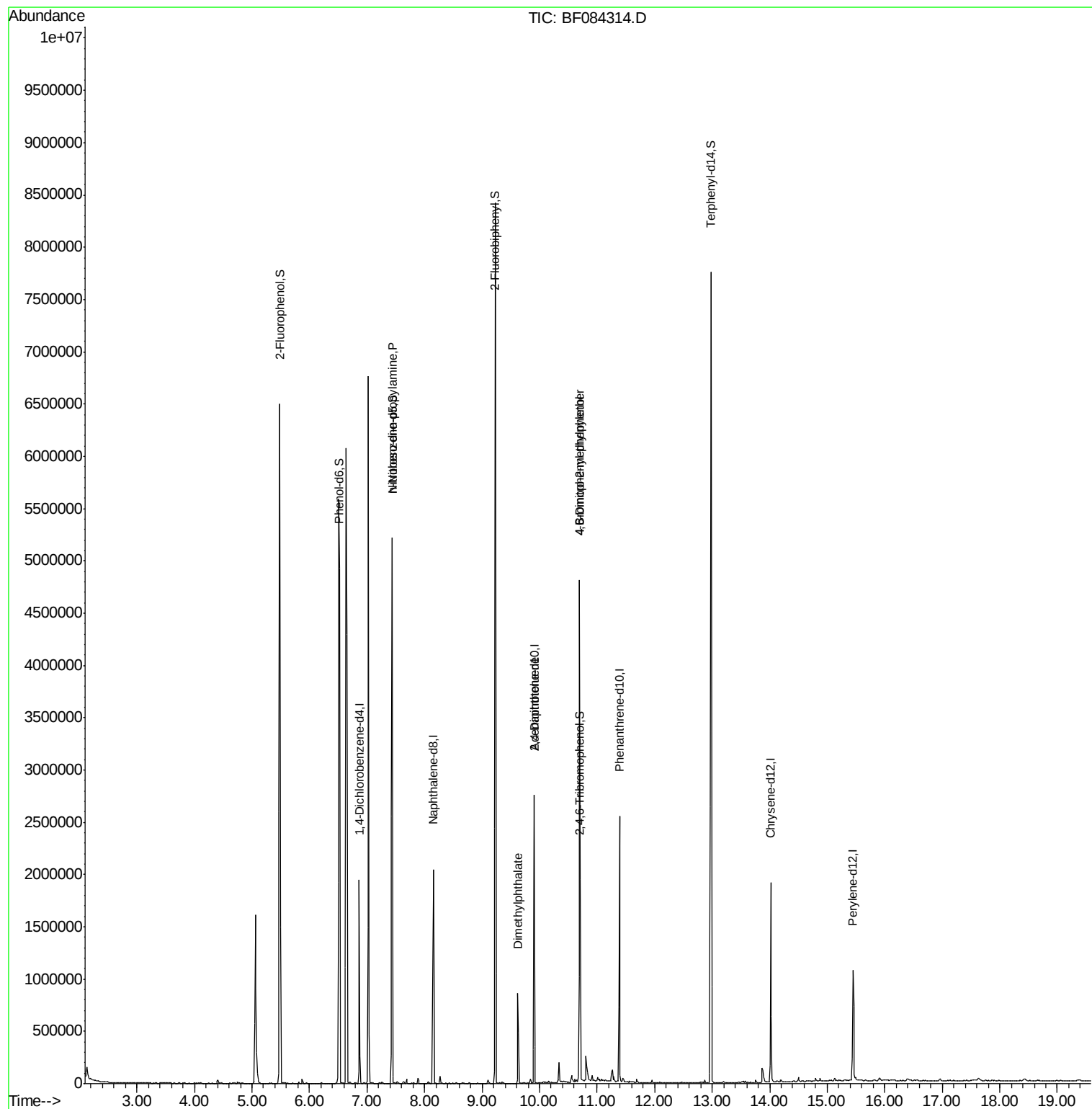
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	248978	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1053425	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	492183	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	902305	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	687239	20.00	ng	-0.05
86) Perylene-d12	15.45	264	526091	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2015461	130.93	ng	-0.01
7) Phenol-d6	6.52	99	2925915	151.35	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1821530	96.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	683697	137.59	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2542874	91.36	ng	-0.03
78) Terphenyl-d14	12.98	244	2397994	77.89	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	262185	20.03	ng	# 71
49) Dimethylphthalate	9.62	163	417261	11.86	ng	# 89
54) Dibenzofuran	10.11	168	376	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.90	165	65498	6.71	ng	# 21
57) Fluorene	10.69	166	24798	Below Cal	#	90
64) 4,6-Dinitro-2-methylphenol	10.69	198	1778	6.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	40953	4.22	ng	# 1
73) Di-n-butylphthalate	11.95	149	15057	Below Cal	#	96

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

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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: BF084314.D

Acq: 7 Jan 2016 19:20

Instrument :

BNA_F

ClientSampleId :

BT002

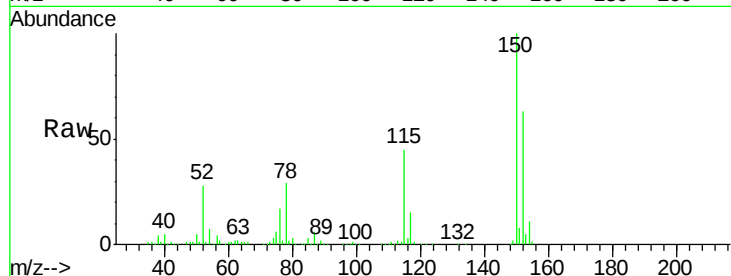
Tgt Ion:152 Resp: 248978

Ion Ratio Lower Upper

152 100

150 158.3 123.0 184.4

115 71.0 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

600000

500000

400000

300000

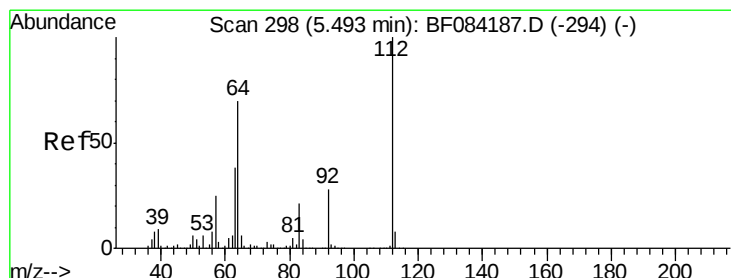
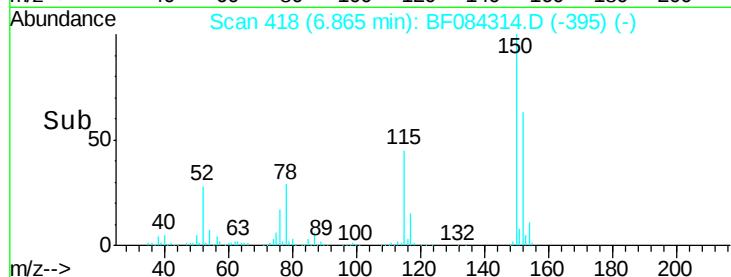
200000

100000

0

6.80 6.85 6.90

Time-->



#5

2-Fluorophenol

Concen: 130.93 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084314.D

Acq: 7 Jan 2016 19:20

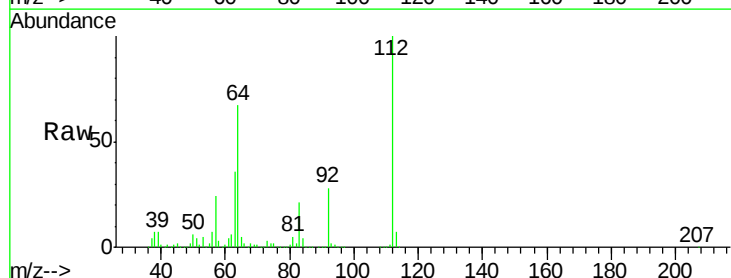
Tgt Ion:112 Resp: 2015461

Ion Ratio Lower Upper

112 100

64 66.8 36.6 55.0#

63 36.5 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

2000000

1500000

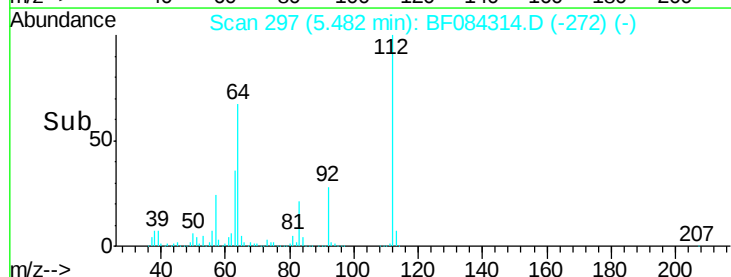
1000000

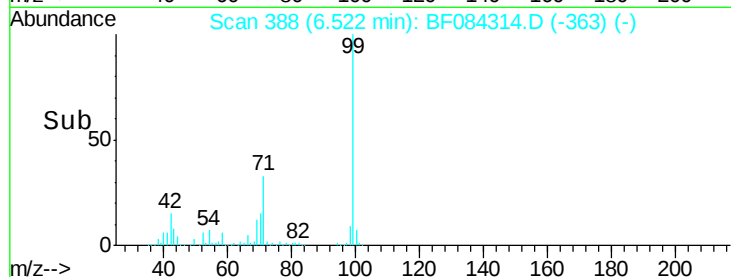
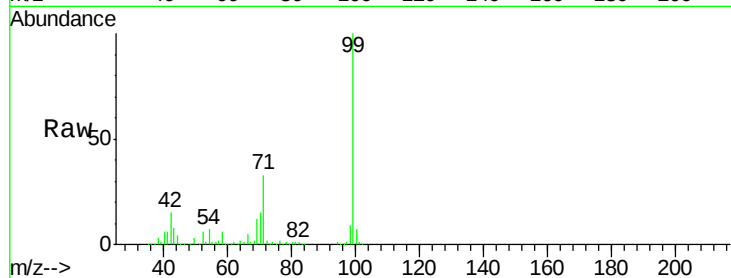
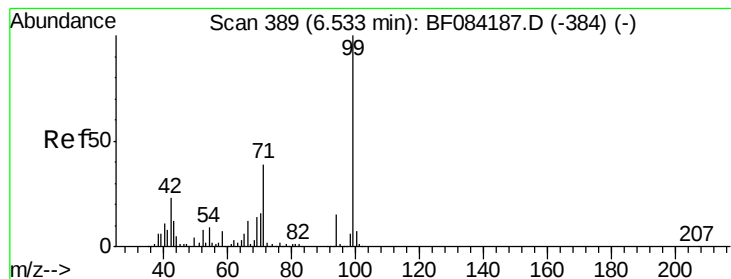
500000

0

5.40 5.50 5.60

Time-->





#7

Phenol-d6

Concen: 151.35 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084314.D

Acq: 7 Jan 2016 19:20

Instrument :

BNA_F

ClientSampleId :

BT002

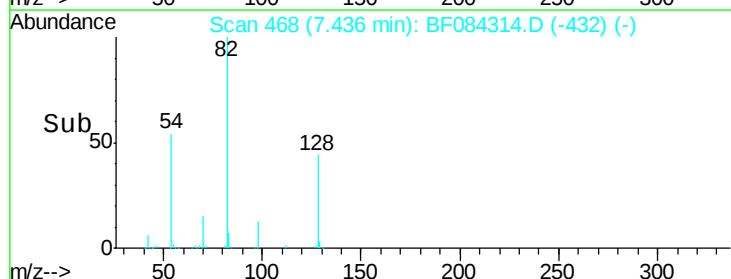
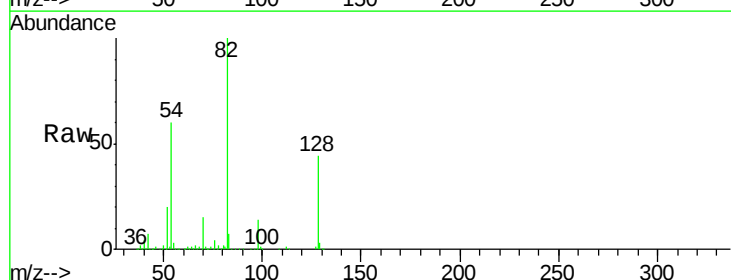
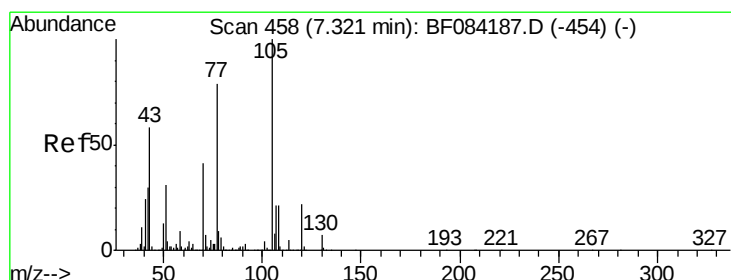
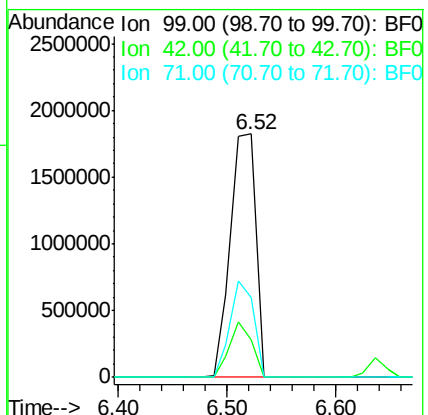
Tgt Ion: 99 Resp: 2925915

Ion Ratio Lower Upper

99 100

42 15.4 12.8 19.2

71 33.0 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 20.03 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.11 min

Lab File: BF084314.D

Acq: 7 Jan 2016 19:20

Tgt Ion: 70 Resp: 262185

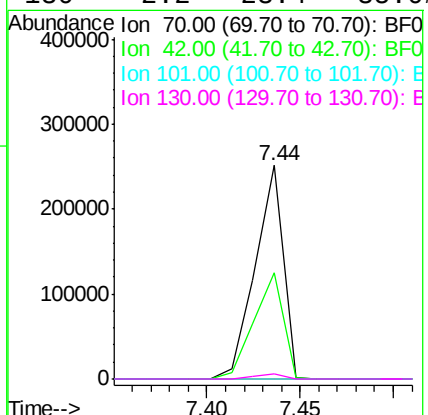
Ion Ratio Lower Upper

70 100

42 49.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 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: BF084314.D

Acq: 7 Jan 2016 19:20

Instrument :

BNA_F

ClientSampleId :

BT002

Tgt Ion:136 Resp: 1053425

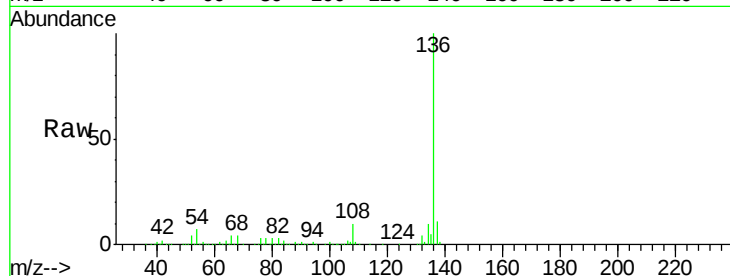
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.1 5.8 8.8

68 4.1 4.2 6.2#

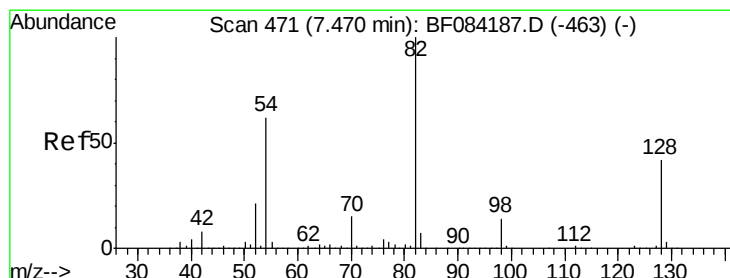
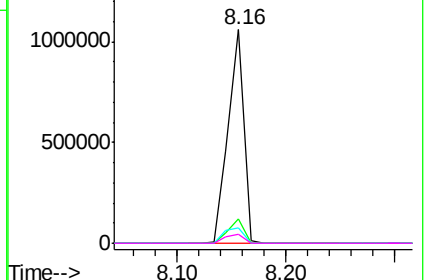
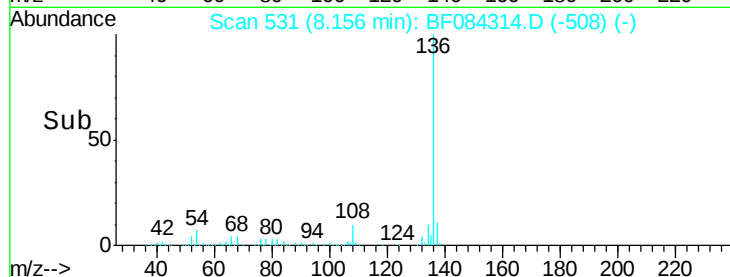


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.24 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084314.D

Acq: 7 Jan 2016 19:20

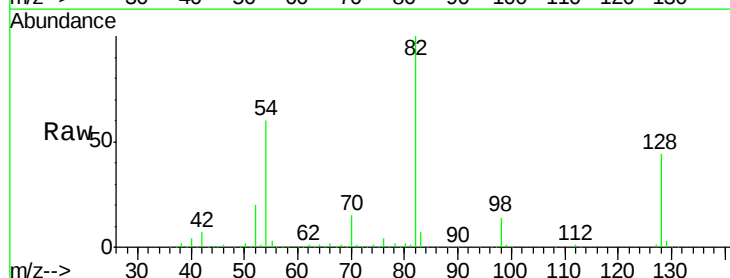
Tgt Ion: 82 Resp: 1821530

Ion Ratio Lower Upper

82 100

128 43.6 34.6 51.8

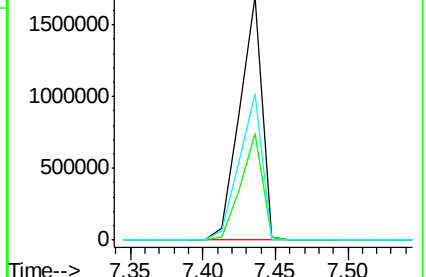
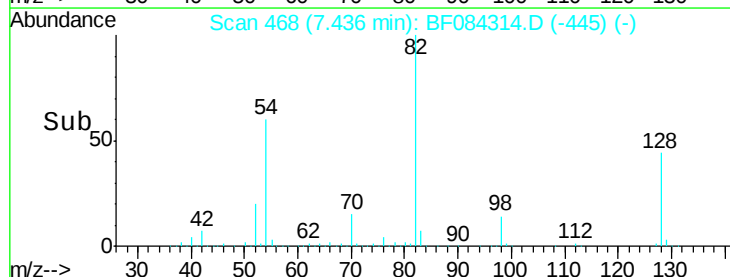
54 60.0 38.4 57.6#

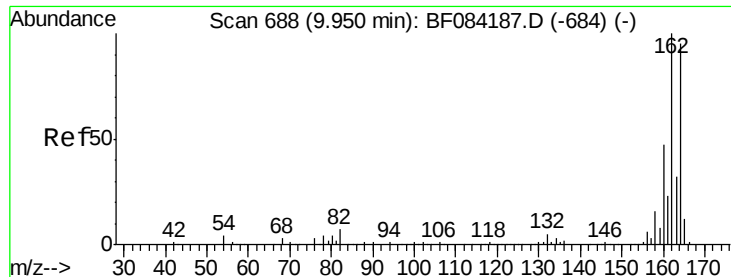


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084314.D

Acq: 7 Jan 2016 19:20

Instrument :

BNA_F

ClientSampleId :

BT002

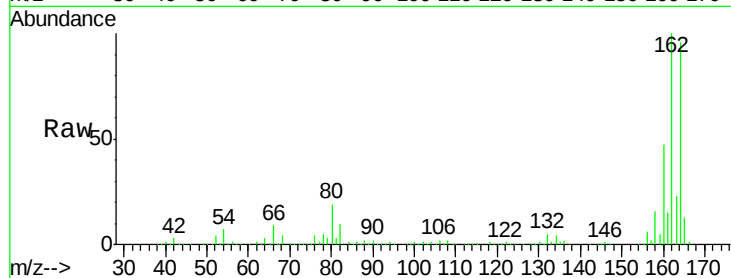
Tgt Ion:164 Resp: 492183

Ion Ratio Lower Upper

164 100

162 104.3 85.1 127.7

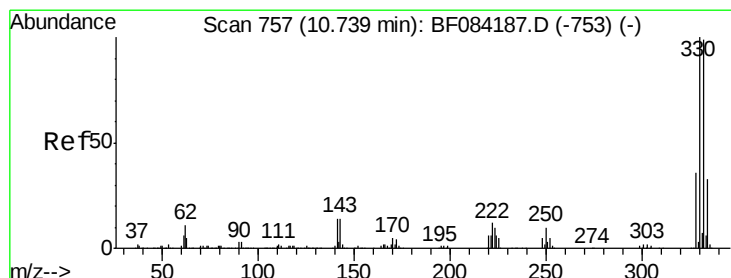
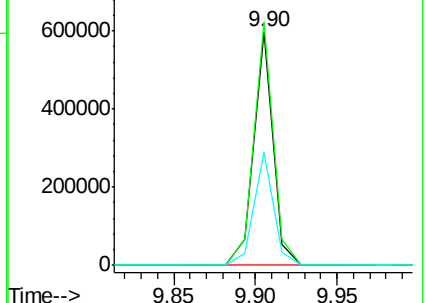
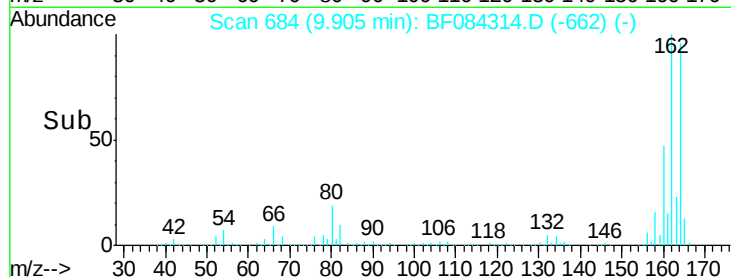
160 48.6 37.5 56.3



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: 137.59 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF084314.D

Acq: 7 Jan 2016 19:20

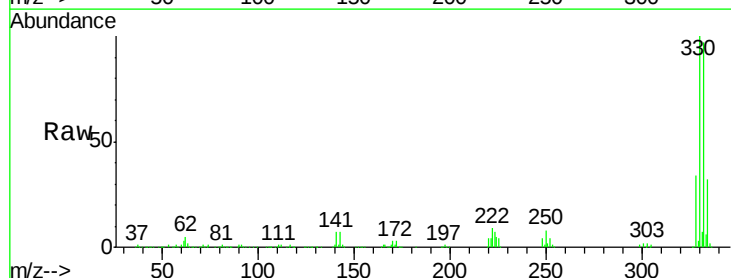
Tgt Ion:330 Resp: 683697

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

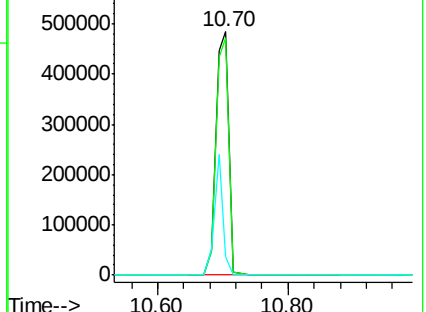
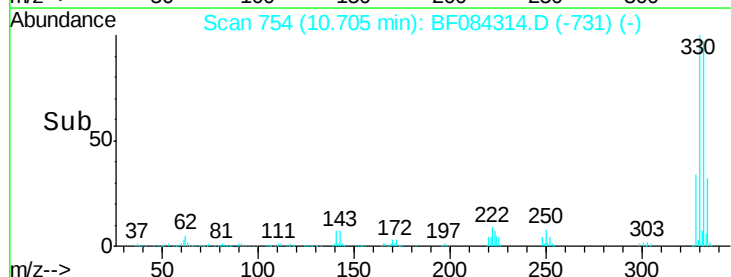
141 33.9 27.8 41.6

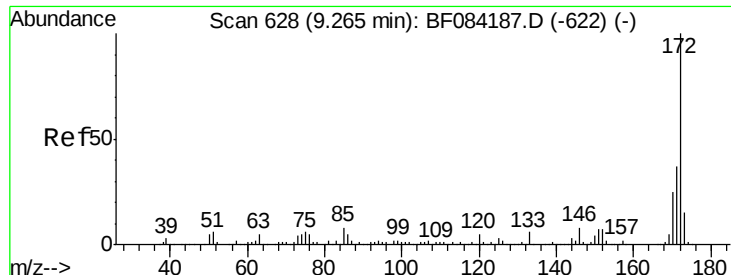


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

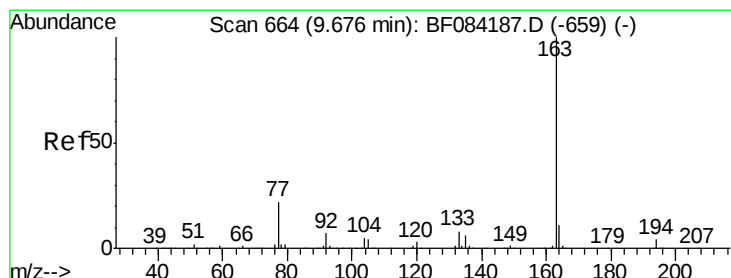
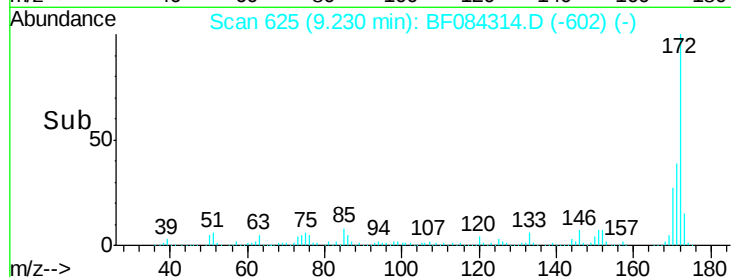
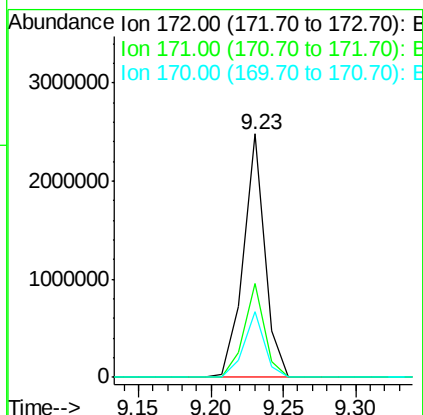
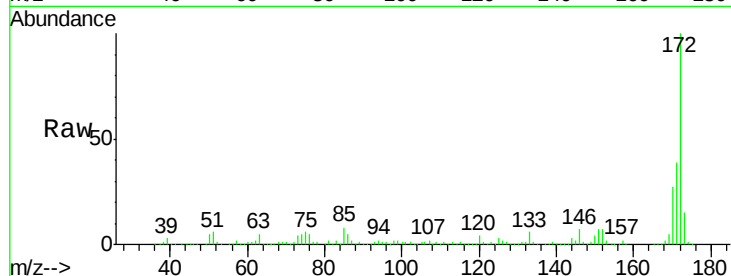




#44
 2-Fluorobiphenyl
 Concen: 91.36 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084314.D
 Acq: 7 Jan 2016 19:20

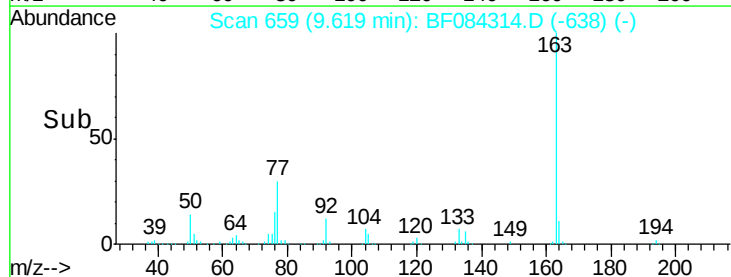
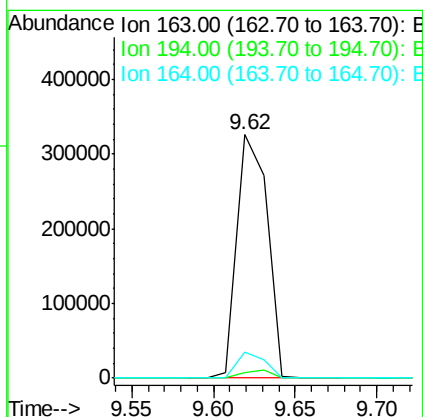
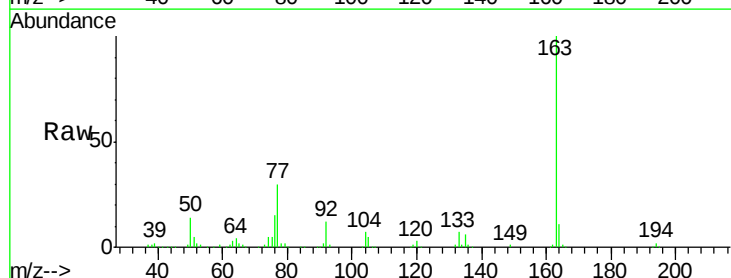
Instrument :
 BNA_F
 ClientSampleId :
 BT002

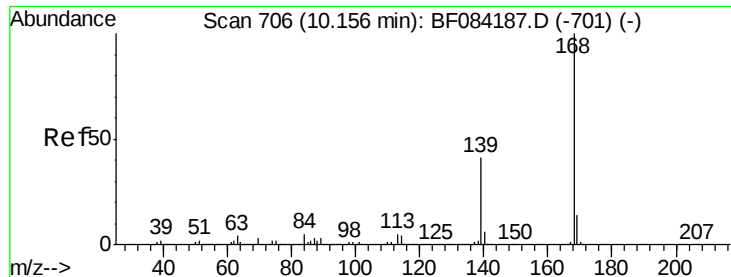
Tgt Ion:172 Resp: 2542874
 Ion Ratio Lower Upper
 172 100
 171 38.6 28.9 43.3
 170 26.8 18.6 27.8



#49
 Dimethylphthalate
 Concen: 11.86 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.06 min
 Lab File: BF084314.D
 Acq: 7 Jan 2016 19:20

Tgt Ion:163 Resp: 417261
 Ion Ratio Lower Upper
 163 100
 194 2.4 8.0 12.0#
 164 10.8 8.0 12.0

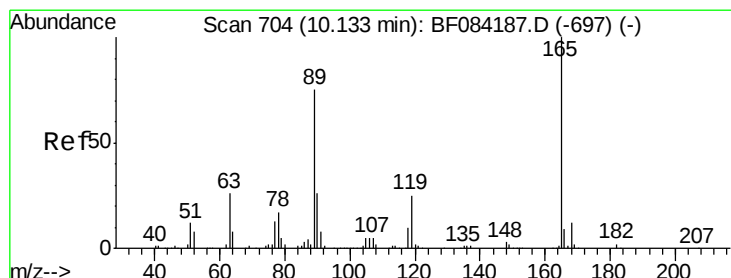
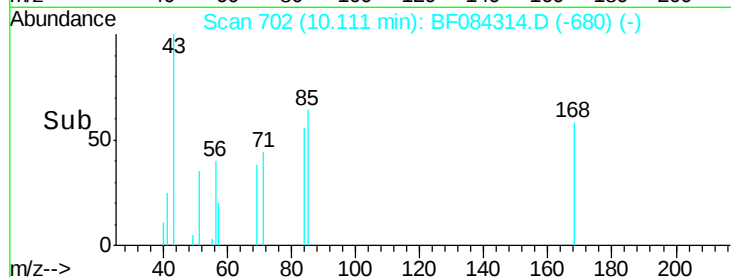
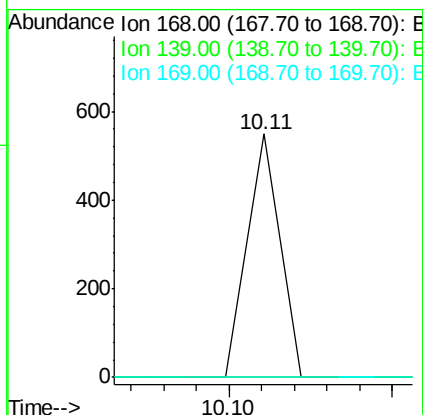
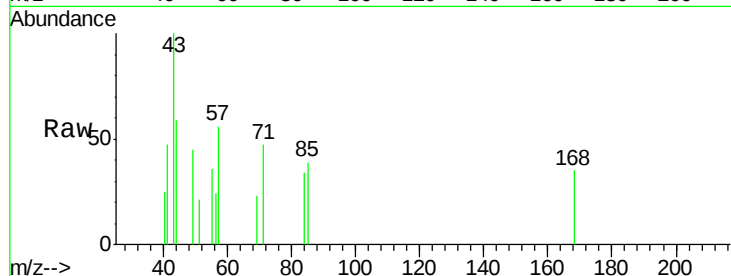




#54
Dibenzofuran
Concen: Below Cal
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084314.D
Acq: 7 Jan 2016 19:20

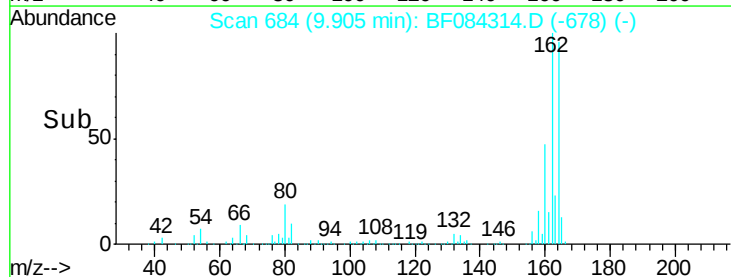
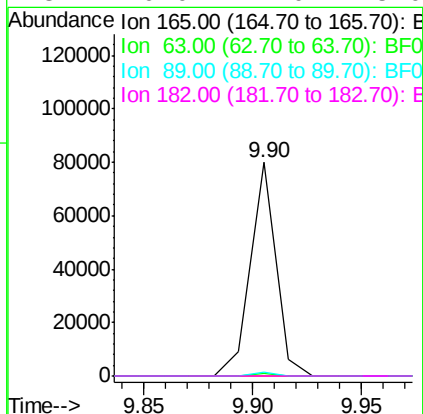
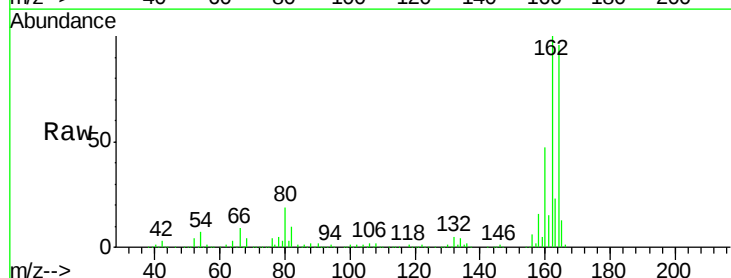
Instrument :
BNA_F
ClientSampled :
BT002

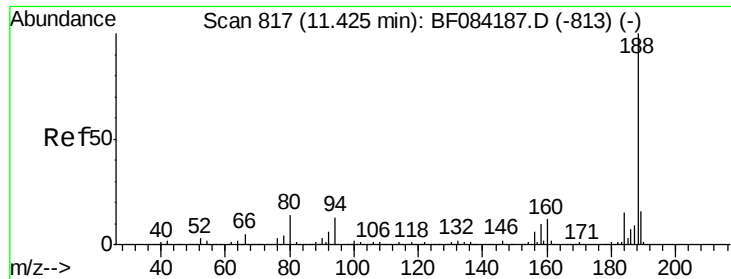
Tgt Ion:168 Resp: 376
Ion Ratio Lower Upper
168 100
139 0.0 30.5 45.7#
169 0.0 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084314.D
Acq: 7 Jan 2016 19:20

Tgt Ion:165 Resp: 65498
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#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084314.D

Acq: 7 Jan 2016 19:20

Instrument :

BNA_F

ClientSampled :

BT002

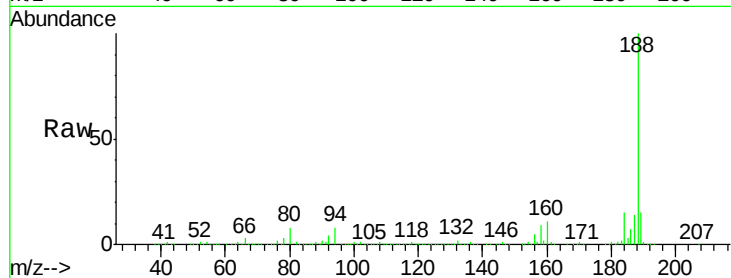
Tgt Ion:188 Resp: 902305

Ion Ratio Lower Upper

188 100

94 7.7 9.0 13.4#

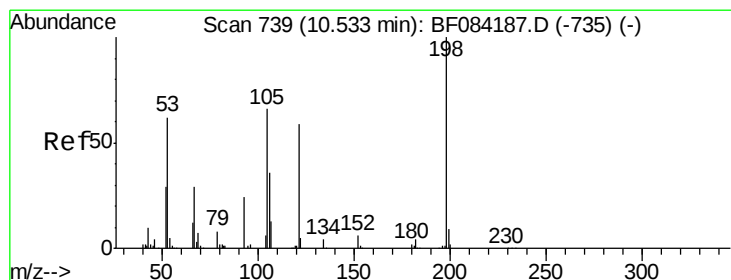
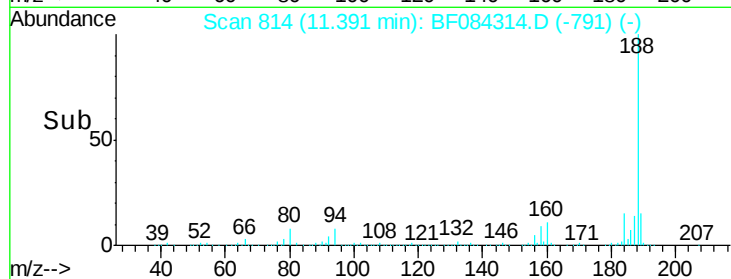
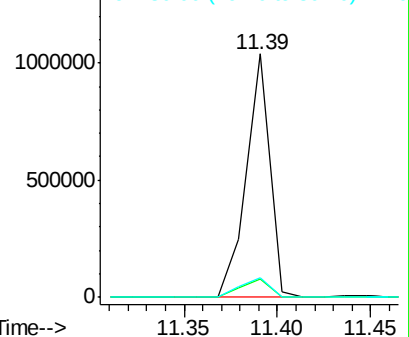
80 7.9 9.6 14.4#



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: 6.66 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF084314.D

Acq: 7 Jan 2016 19:20

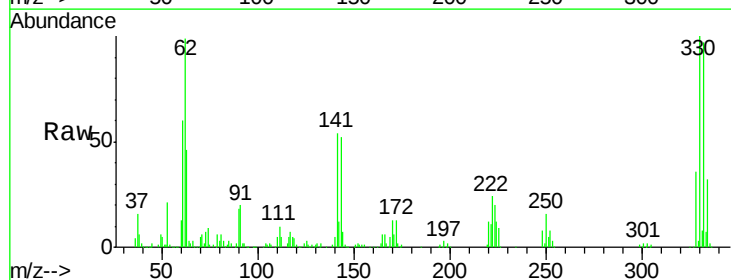
Tgt Ion:198 Resp: 1778

Ion Ratio Lower Upper

198 100

51 183.3 18.9 58.9#

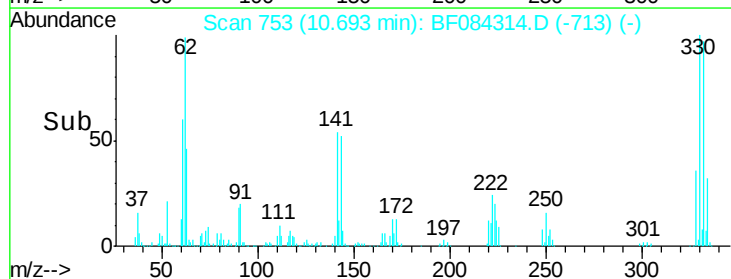
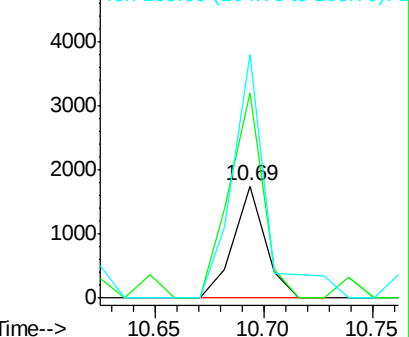
105 217.8 26.4 66.4#

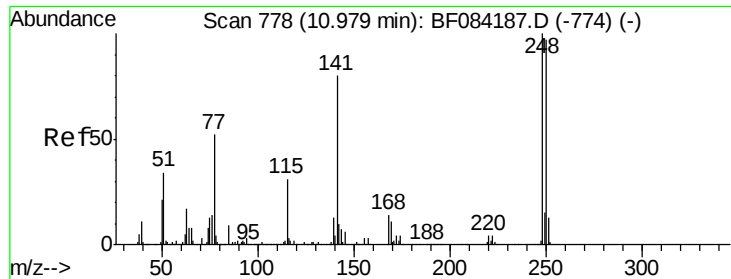


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

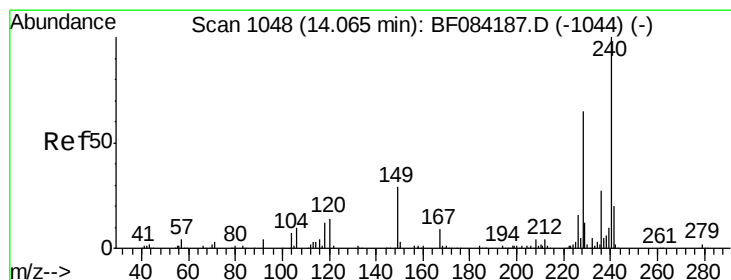
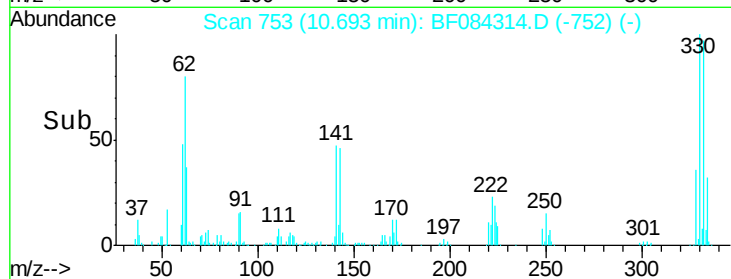
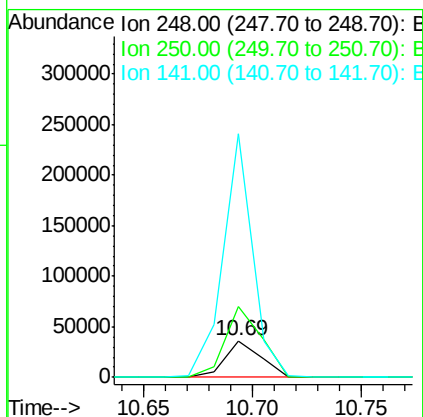
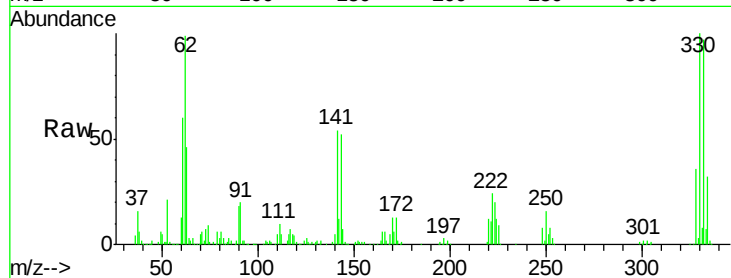




#66
 4-Bromophenyl-phenylether
 Concen: 4.22 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.29 min
 Lab File: BF084314.D
 Acq: 7 Jan 2016 19:20

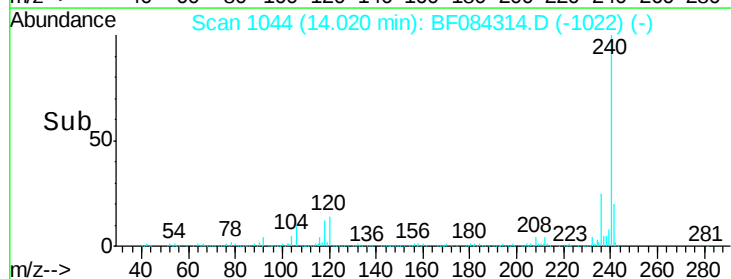
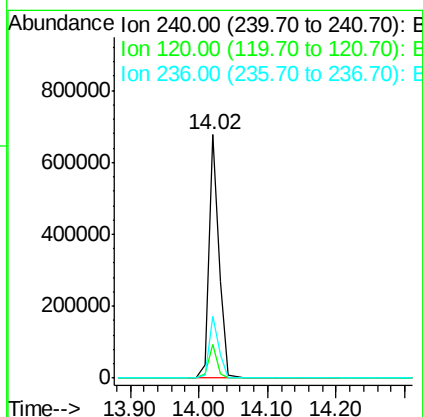
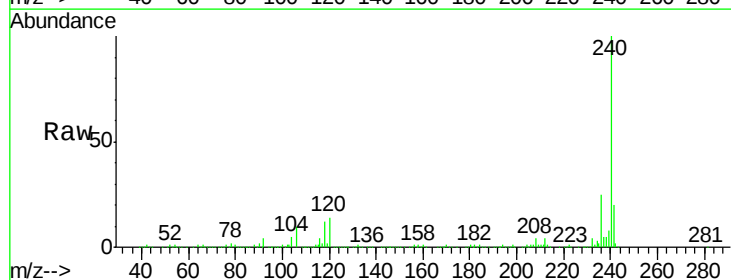
Instrument :
 BNA_F
 ClientSampleId :
 BT002

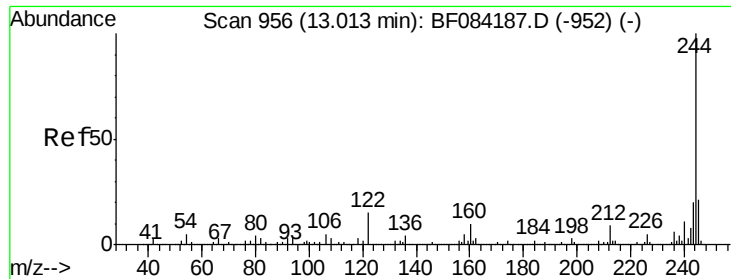
Tgt Ion:248 Resp: 40953
 Ion Ratio Lower Upper
 248 100
 250 193.0 78.4 117.6#
 141 664.0 44.0 66.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.05 min
 Lab File: BF084314.D
 Acq: 7 Jan 2016 19:20

Tgt Ion:240 Resp: 687239
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 25.2 20.6 31.0

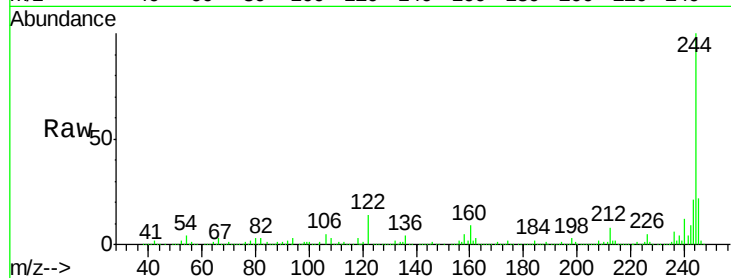




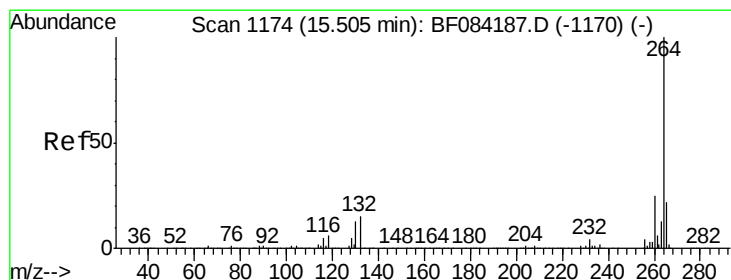
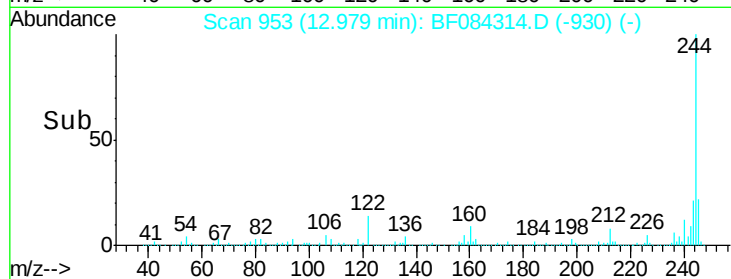
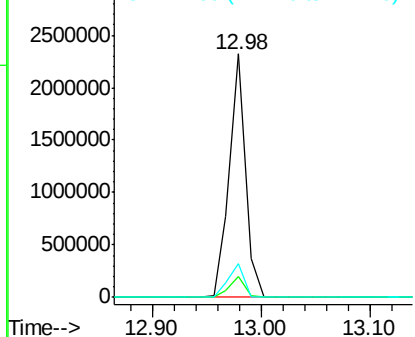
#78
 Terphenyl-d14
 Concen: 77.89 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084314.D
 Acq: 7 Jan 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :
 BT002

Tgt Ion:244 Resp: 2397994
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.7 8.5
 122 14.0 7.4 11.0#

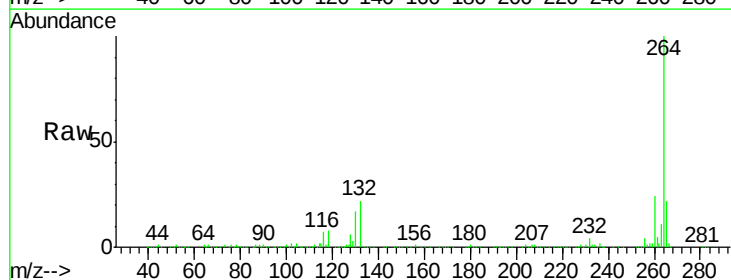


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084314.D
 Acq: 7 Jan 2016 19:20

Tgt Ion:264 Resp: 526091
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.8 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

