

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082012.D
 Acq On : 3 Oct 2015 9:01
 Operator : UM/IZ
 Sample : G3905-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

Quant Time: Oct 05 00:22:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

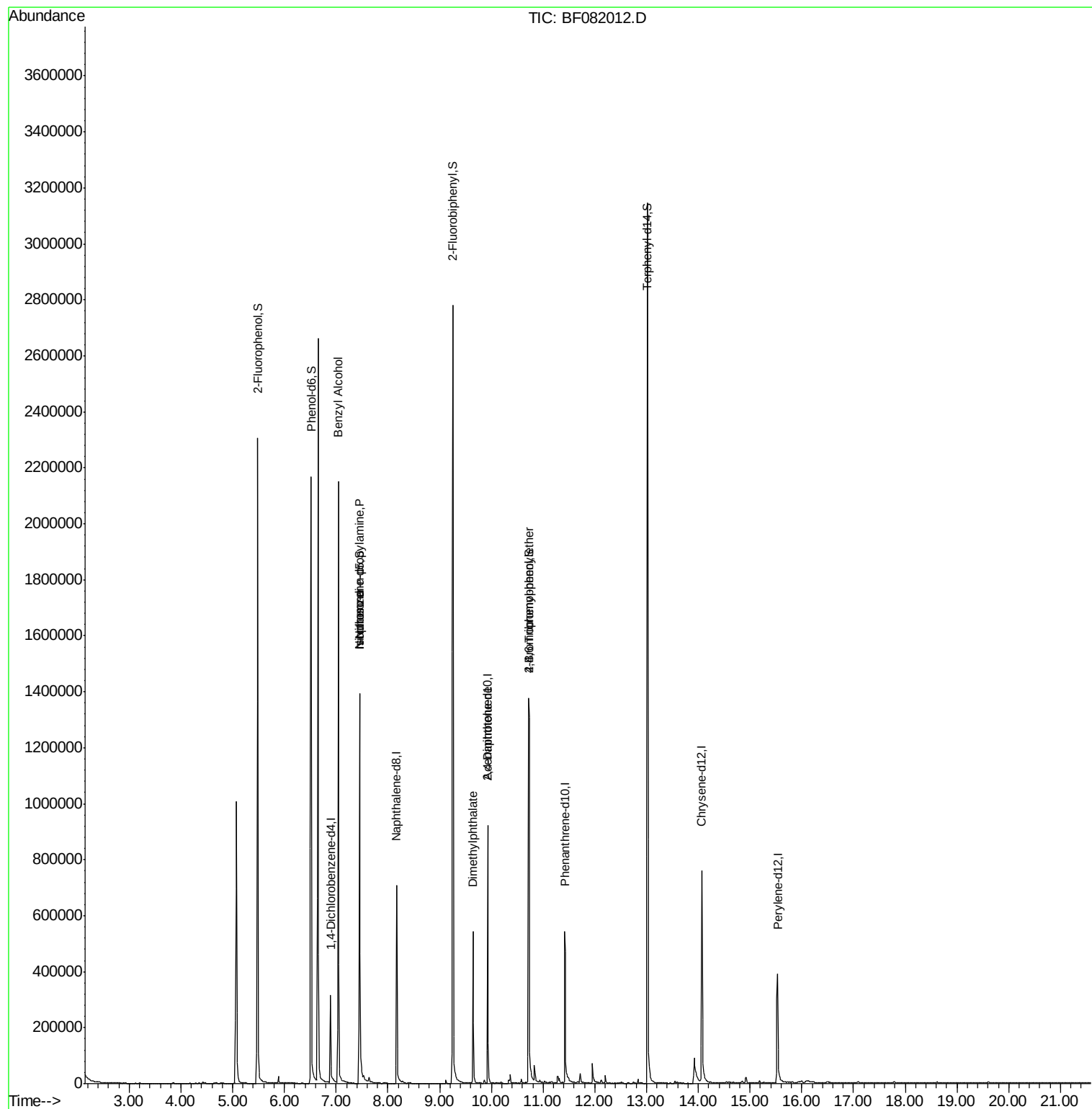
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	88871	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	375476	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	191917	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	366999	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	352701	20.00	ng	-0.05
86) Perylene-d12	15.53	264	270351	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	795264	162.44	ng	-0.03
7) Phenol-d6	6.51	99	931405	151.19	ng	-0.05
23) Nitrobenzene-d5	7.45	82	583869	103.66	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	306927	157.91	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1195831	110.66	ng	-0.05
78) Terphenyl-d14	13.02	244	1224184	131.07	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.04	79	9353	2.10	ng	# 32
19) n-Nitroso-di-n-propylamine	7.45	70	72838	19.45	ng	# 59
25) Isophorone	7.45	82	535120	47.93	ng	# 58
49) Dimethylphthalate	9.65	163	279276	21.08	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	24093	6.57	ng	# 32
57) Fluorene	10.72	166	11067	Below Cal	#	89
66) 4-Bromophenyl-phenylether	10.73	248	18517	5.00	ng	# 1
70) Phenanthrene	11.45	178	669	Below Cal	#	62
73) Di-n-butylphthalate	11.99	149	4040	Below Cal	#	96

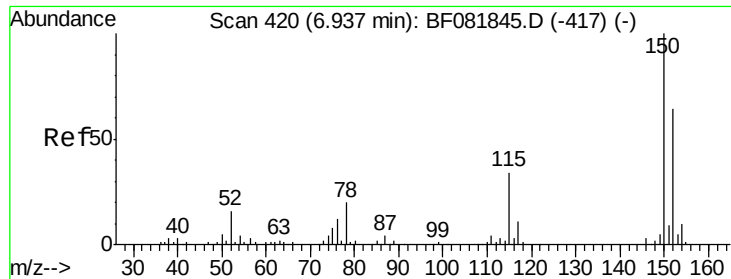
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

Instrument :

BNA_F

ClientSampleId :

P001-BF003-01

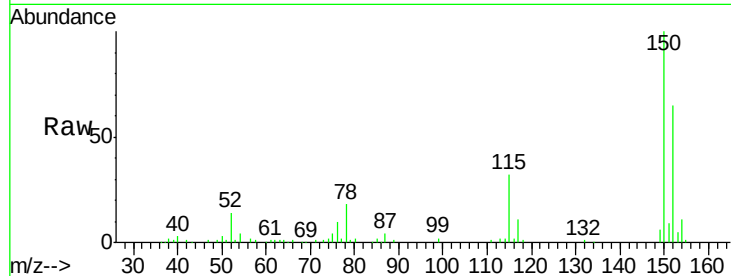
Tgt Ion:152 Resp: 88871

Ion Ratio Lower Upper

152 100

150 153.1 124.7 187.1

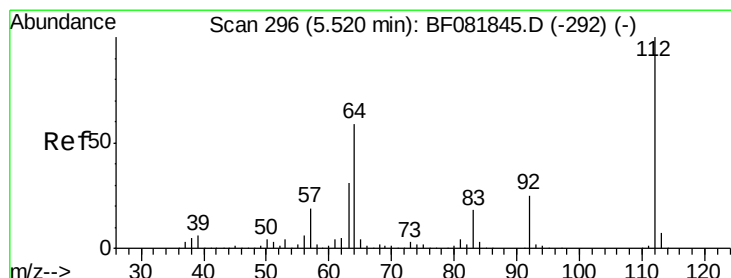
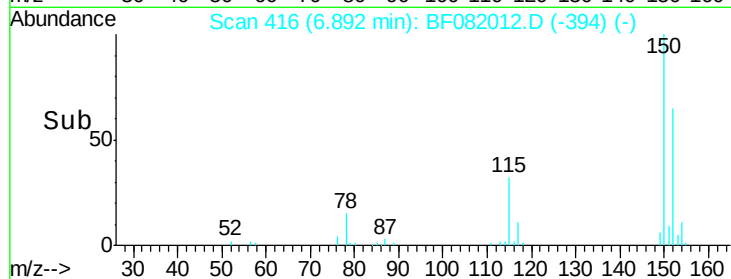
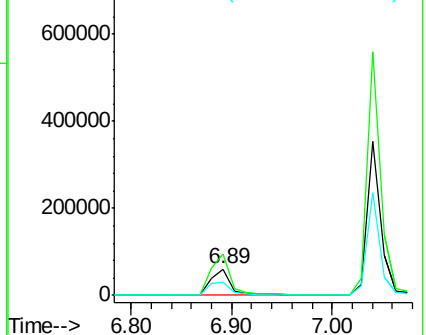
115 48.7 39.0 58.4



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: 162.44 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

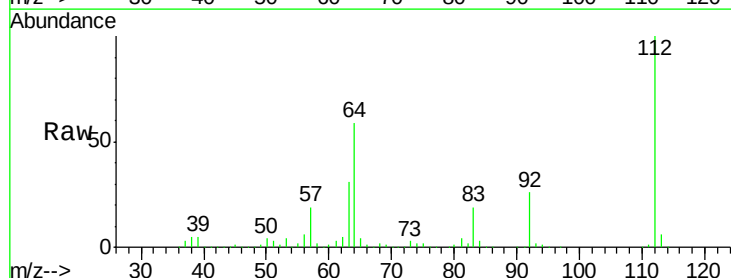
Tgt Ion:112 Resp: 795264

Ion Ratio Lower Upper

112 100

64 59.1 39.7 59.5

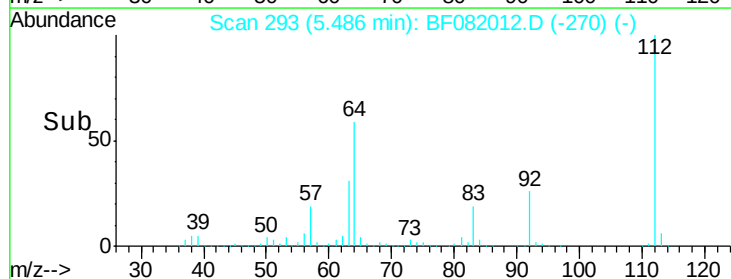
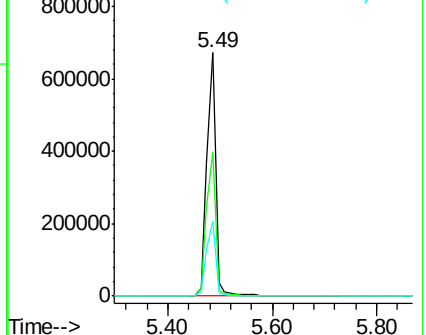
63 30.9 17.4 26.0#

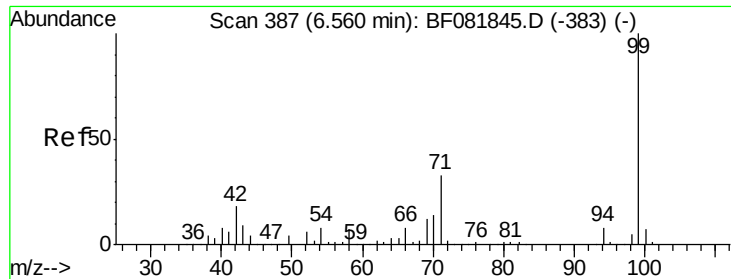


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.19 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

Instrument :

BNA_F

ClientSampleId :

P001-BF003-01

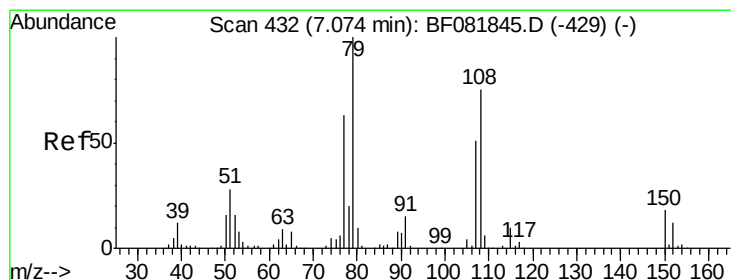
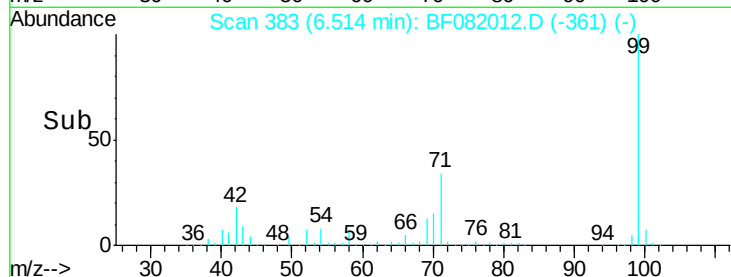
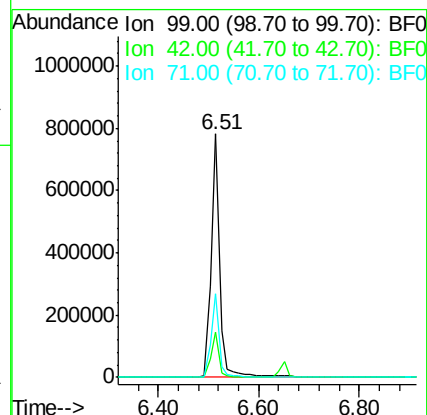
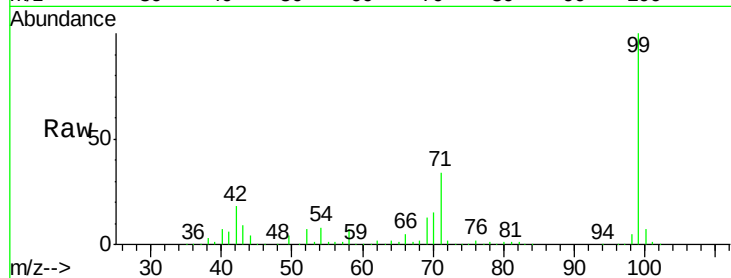
Tgt Ion: 99 Resp: 931405

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

71 34.4 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

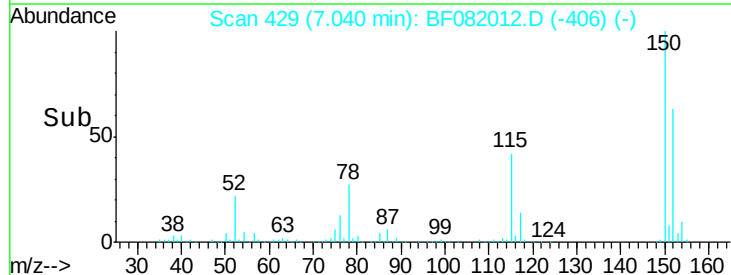
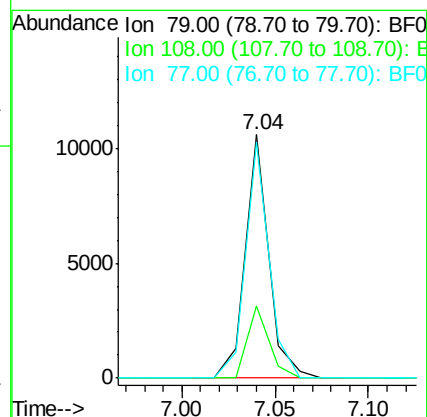
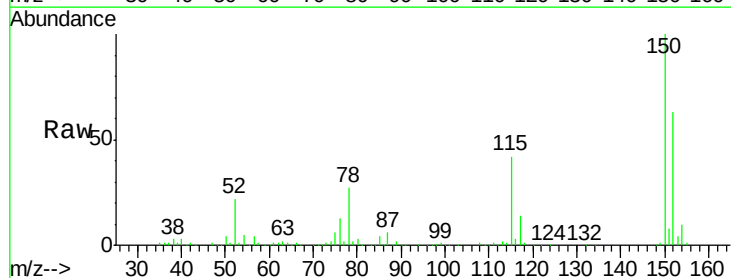
Tgt Ion: 79 Resp: 9353

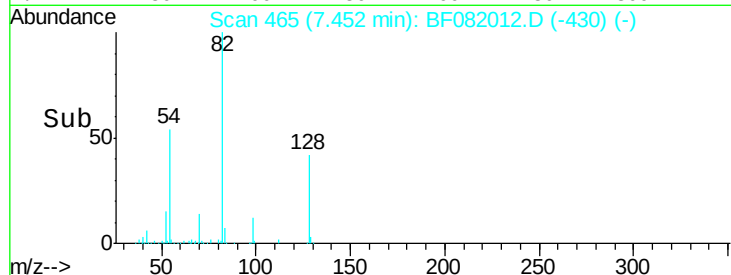
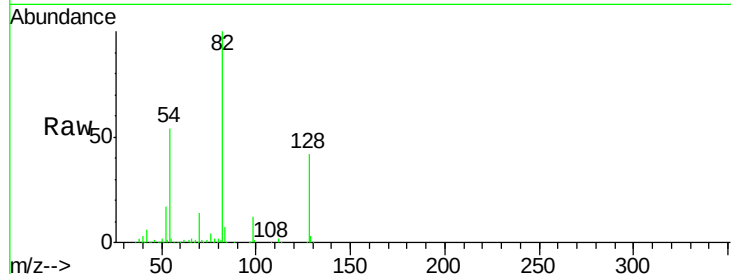
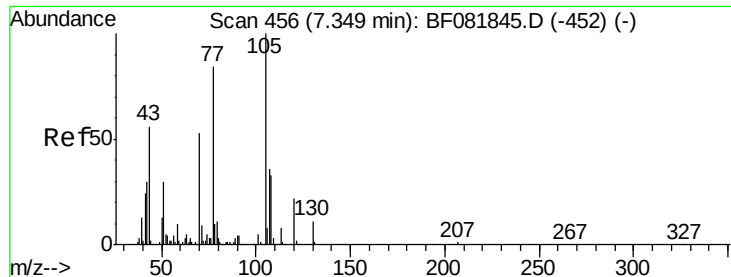
Ion Ratio Lower Upper

79 100

108 29.4 88.6 132.8#

77 97.1 47.0 70.4#

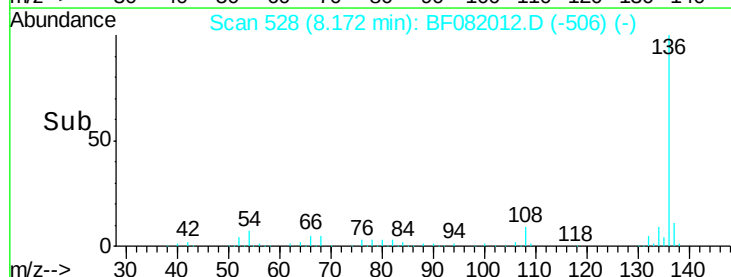
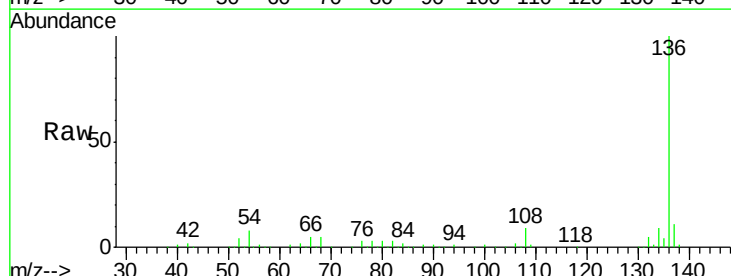
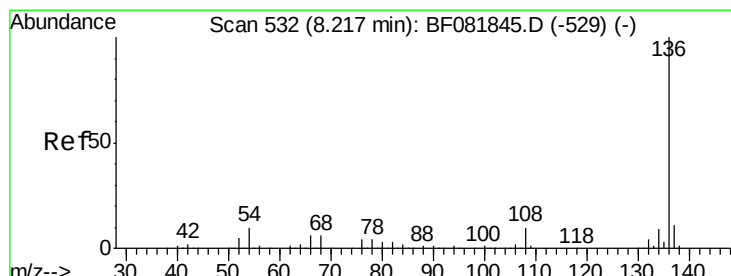
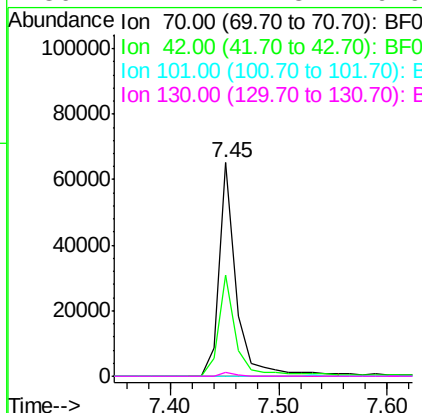




#19
n-Nitroso-di-n-propylamine
Concen: 19.45 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.10 min
Lab File: BF082012.D
Acq: 3 Oct 2015 9:01

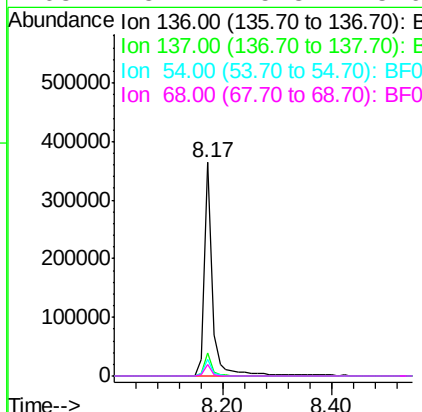
Instrument :
BNA_F
ClientSampleId :
P001-BF003-01

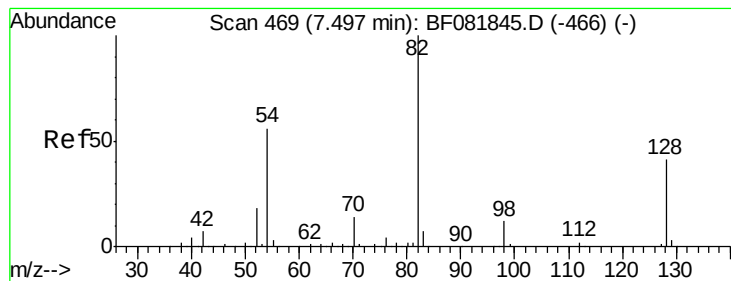
Tgt Ion: 70 Resp: 72838
Ion Ratio Lower Upper
70 100
42 47.1 63.8 95.6#
101 0.0 9.2 13.8#
130 2.1 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082012.D
Acq: 3 Oct 2015 9:01

Tgt Ion: 136 Resp: 375476
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.5 8.2 12.2#
68 5.1 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 103.66 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.05 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

Instrument :

BNA_F

ClientSampleId :

P001-BF003-01

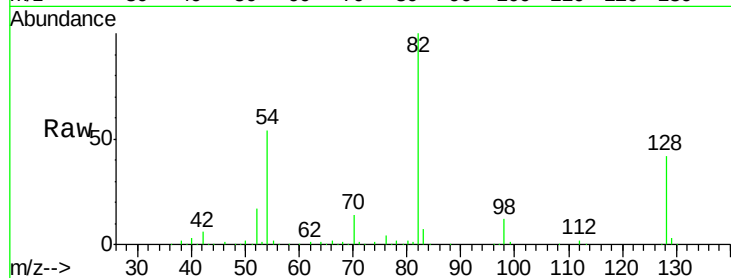
Tgt Ion: 82 Resp: 583869

Ion Ratio Lower Upper

82 100

128 41.6 51.0 76.6#

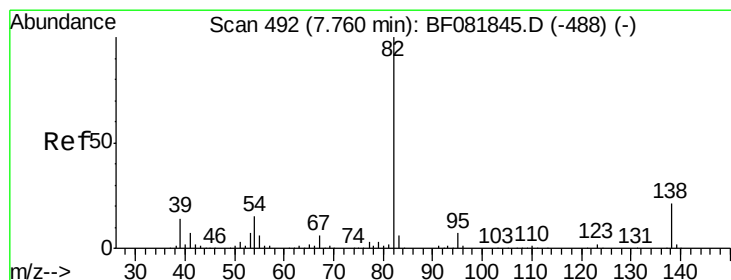
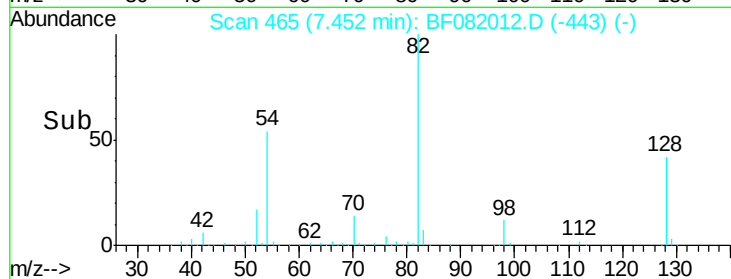
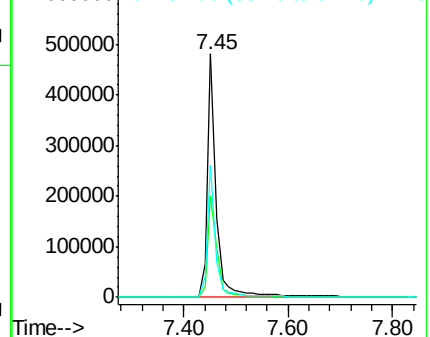
54 54.5 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 47.93 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

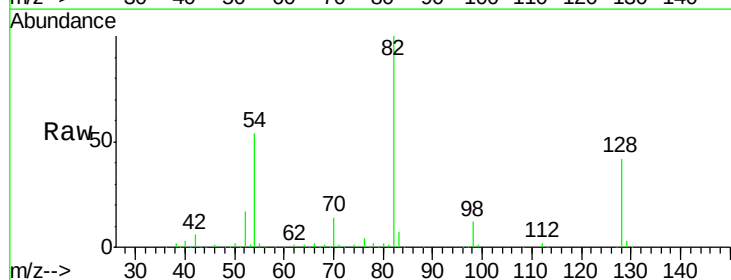
Tgt Ion: 82 Resp: 535120

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

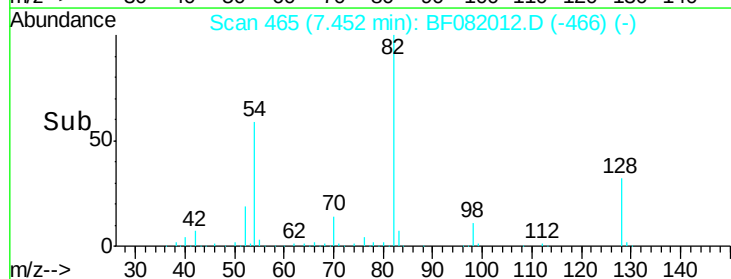
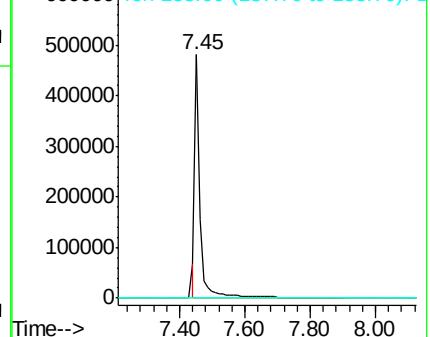
138 0.0 18.3 27.5#

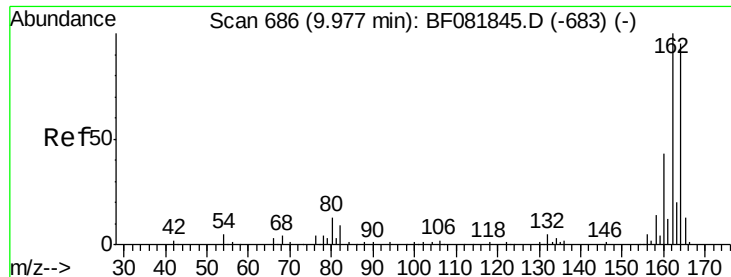


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

Instrument :

BNA_F

ClientSampleId :

P001-BF003-01

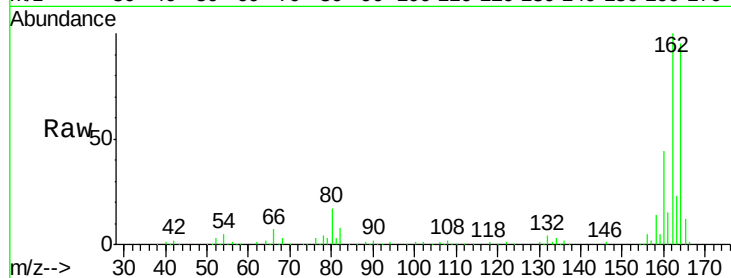
Tgt Ion:164 Resp: 191917

Ion Ratio Lower Upper

164 100

162 105.3 75.2 112.8

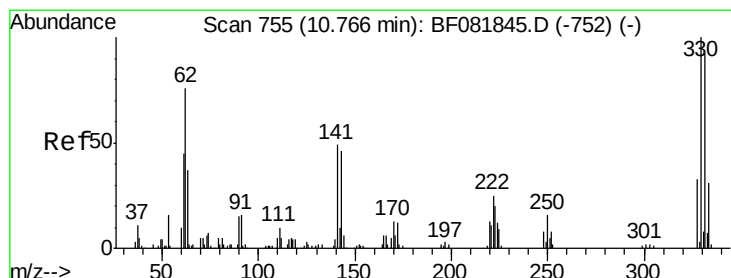
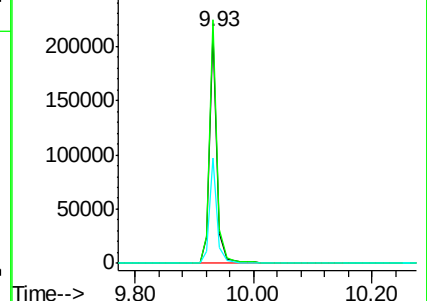
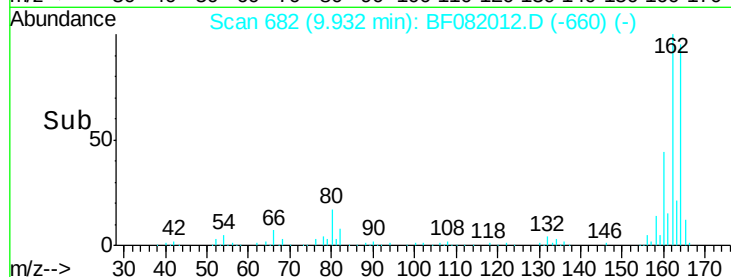
160 45.8 31.5 47.3



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: 157.91 ng

RT: 10.73 min Scan# 752

Delta R.T. -0.03 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

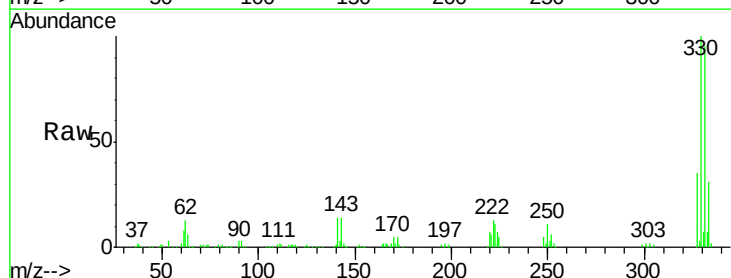
Tgt Ion:330 Resp: 306927

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

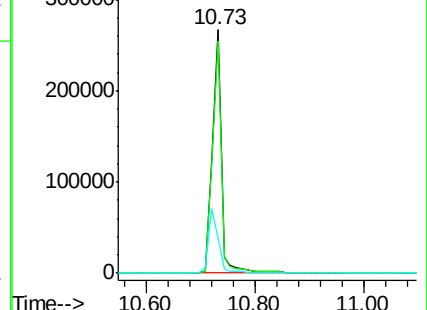
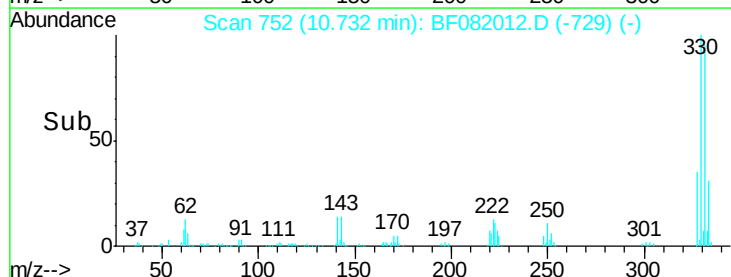
141 29.2 29.7 44.5#

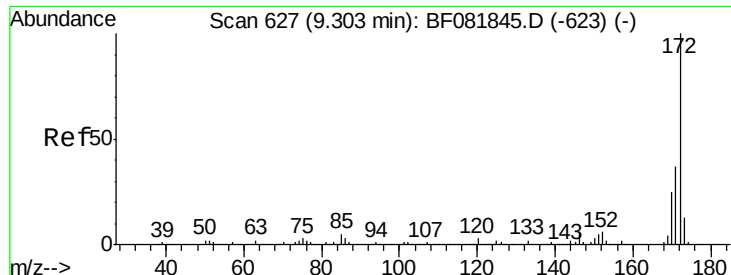


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

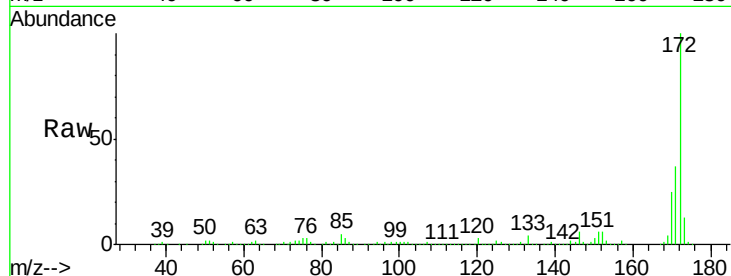




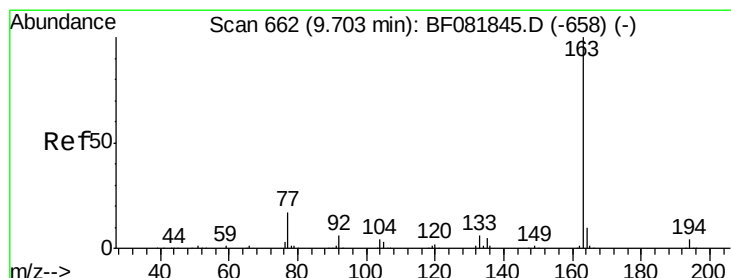
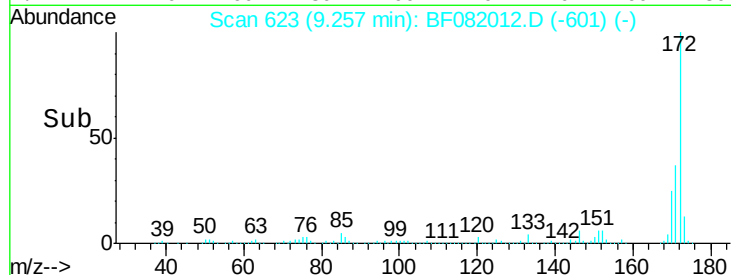
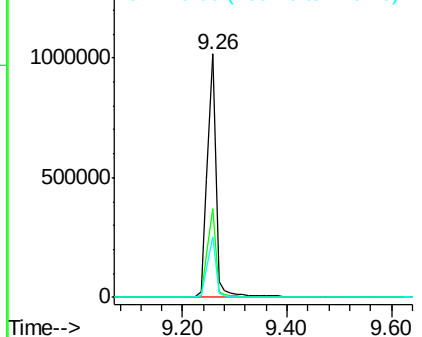
#44
 2-Fluorobiphenyl
 Concen: 110.66 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082012.D
 Acq: 3 Oct 2015 9:01

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

Tgt Ion:172 Resp: 1195831
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 24.7 17.4 26.2

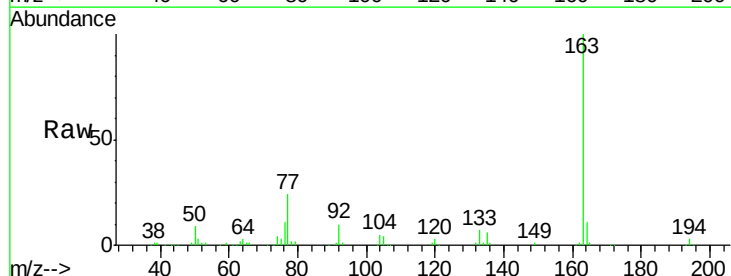


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

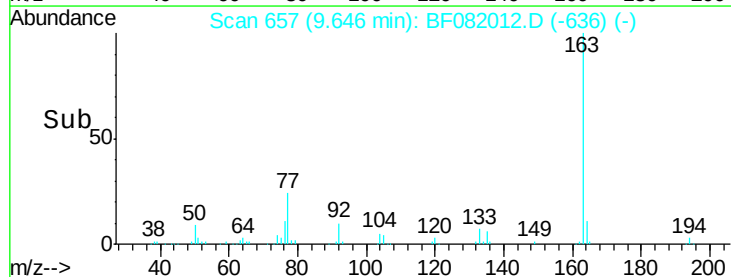
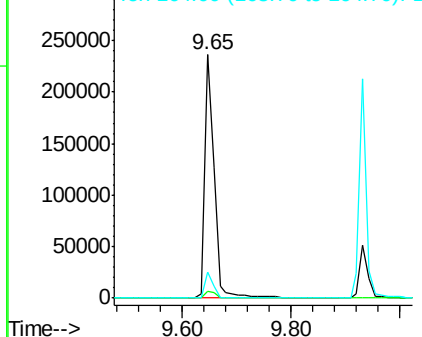


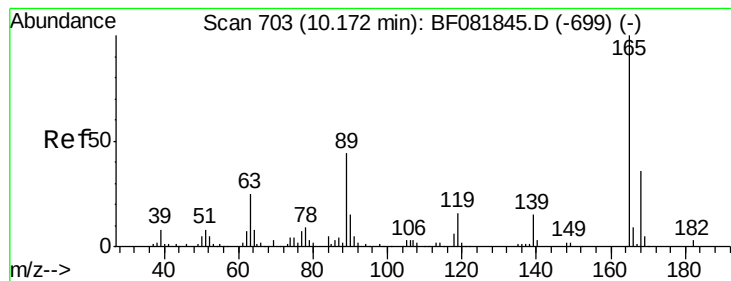
#49
 Dimethylphthalate
 Concen: 21.08 ng
 RT: 9.65 min Scan# 657
 Delta R.T. -0.06 min
 Lab File: BF082012.D
 Acq: 3 Oct 2015 9:01

Tgt Ion:163 Resp: 279276
 Ion Ratio Lower Upper
 163 100
 194 3.1 4.4 6.6#
 164 10.7 8.3 12.5



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

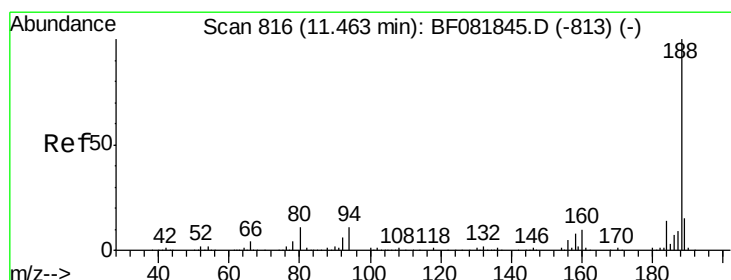
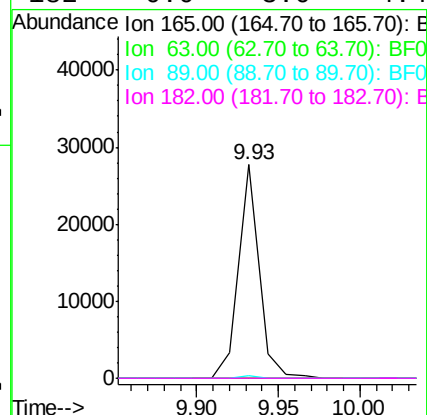
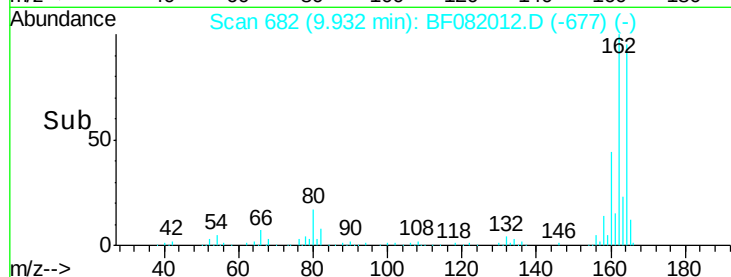
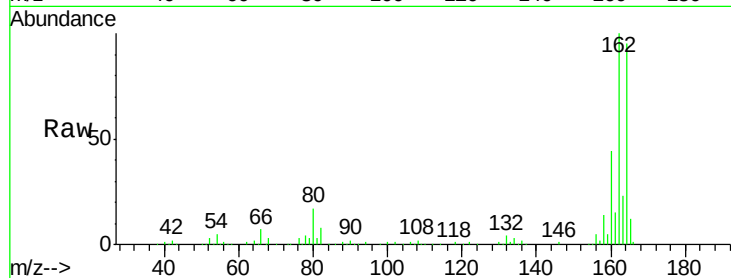




#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF082012.D
 Acq: 3 Oct 2015 9:01

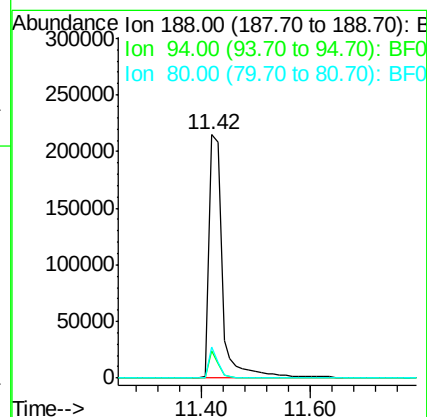
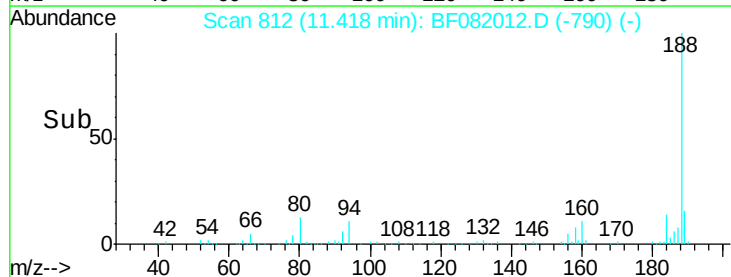
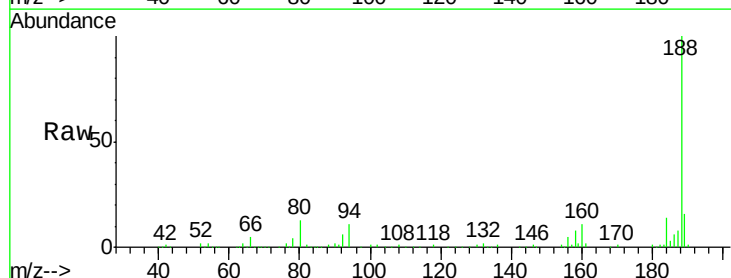
Instrument :
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 P001-BF003-01

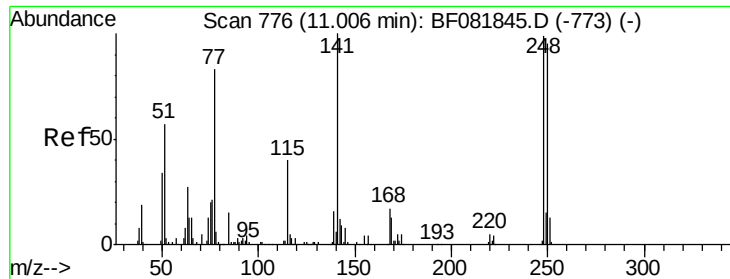
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF082012.D
 Acq: 3 Oct 2015 9:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	11.1	16.7
80	13.0	11.0	16.4

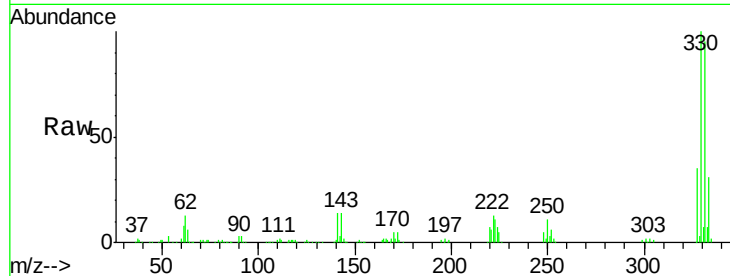




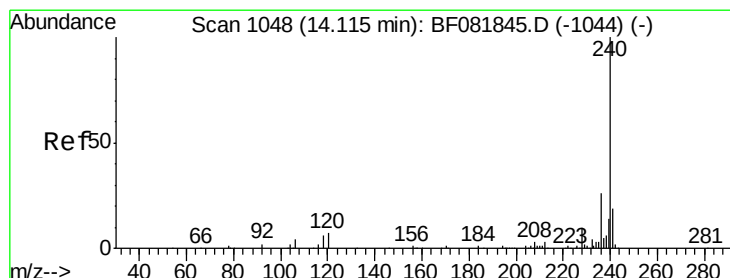
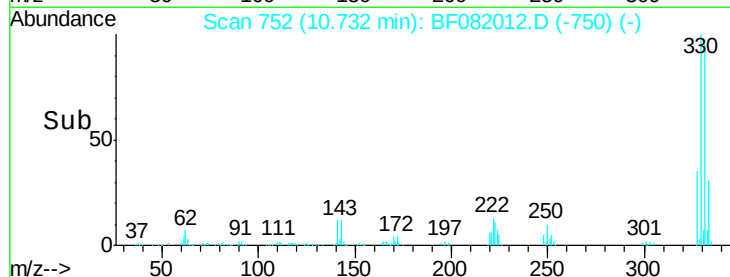
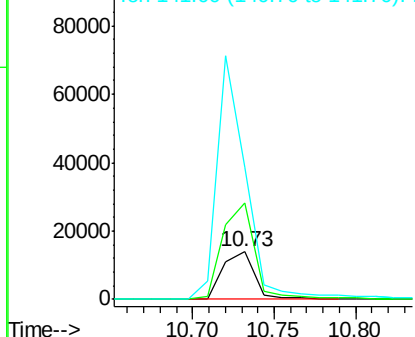
#66
4-Bromophenyl-phenylether
Concen: 5.00 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.27 min
Lab File: BF082012.D
Acq: 3 Oct 2015 9:01

Instrument :
BNA_F
ClientSampleId :
P001-BF003-01

Tgt Ion: 248 Resp: 18517
Ion Ratio Lower Upper
248 100
250 201.4 78.5 117.7#
141 276.1 59.0 88.6#

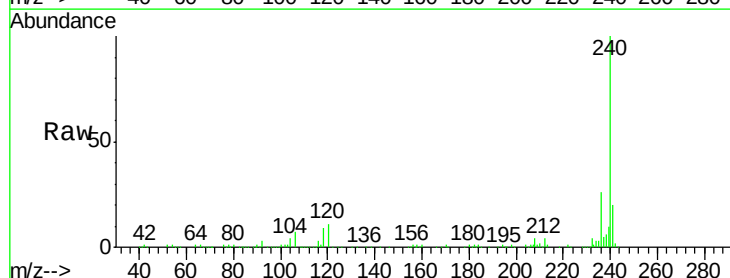


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

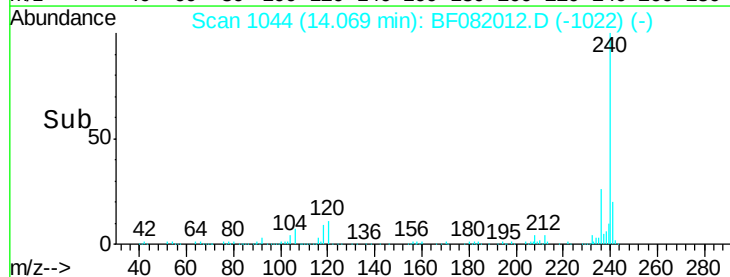
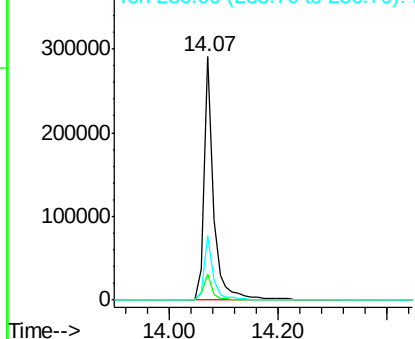


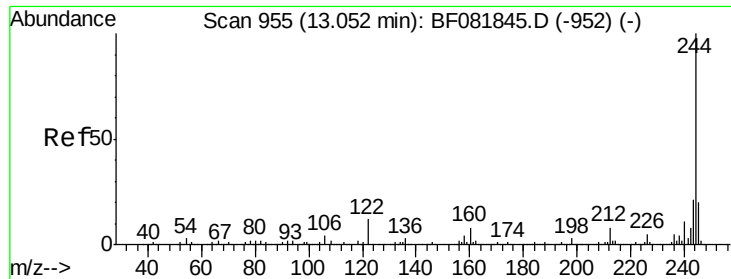
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF082012.D
Acq: 3 Oct 2015 9:01

Tgt Ion: 240 Resp: 352701
Ion Ratio Lower Upper
240 100
120 10.7 16.2 24.2#
236 26.2 18.4 27.6



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: 131.07 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

Instrument :

BNA_F

ClientSampleId :

P001-BF003-01

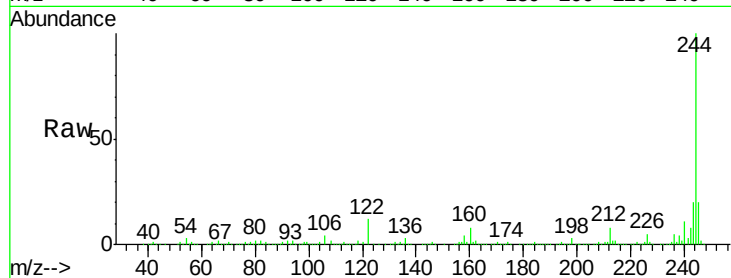
Tgt Ion:244 Resp: 1224184

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

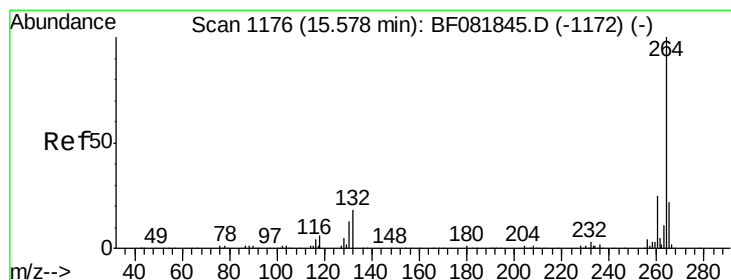
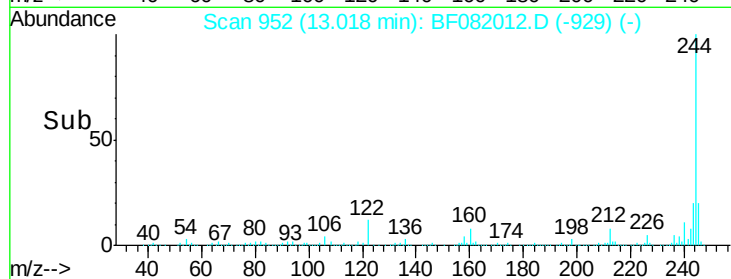
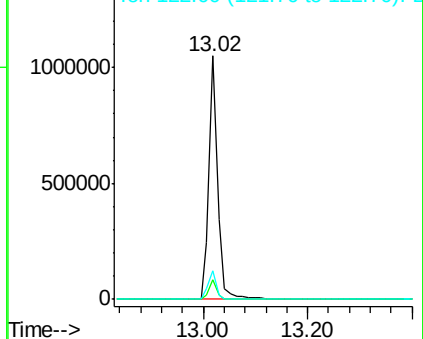
122 11.6 17.4 26.2#



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: 15.53 min Scan# 1172

Delta R.T. -0.05 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

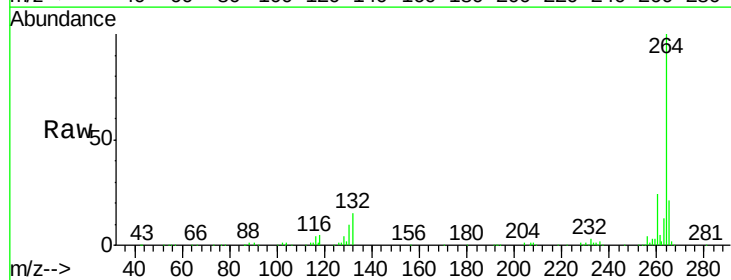
Tgt Ion:264 Resp: 270351

Ion Ratio Lower Upper

264 100

260 23.9 16.7 25.1

265 21.3 17.2 25.8



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

