

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082029.D
 Acq On : 3 Oct 2015 18:56
 Operator : UM/IZ
 Sample : G3867-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-6.5-7.0-092915

Quant Time: Oct 05 01:41:51 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

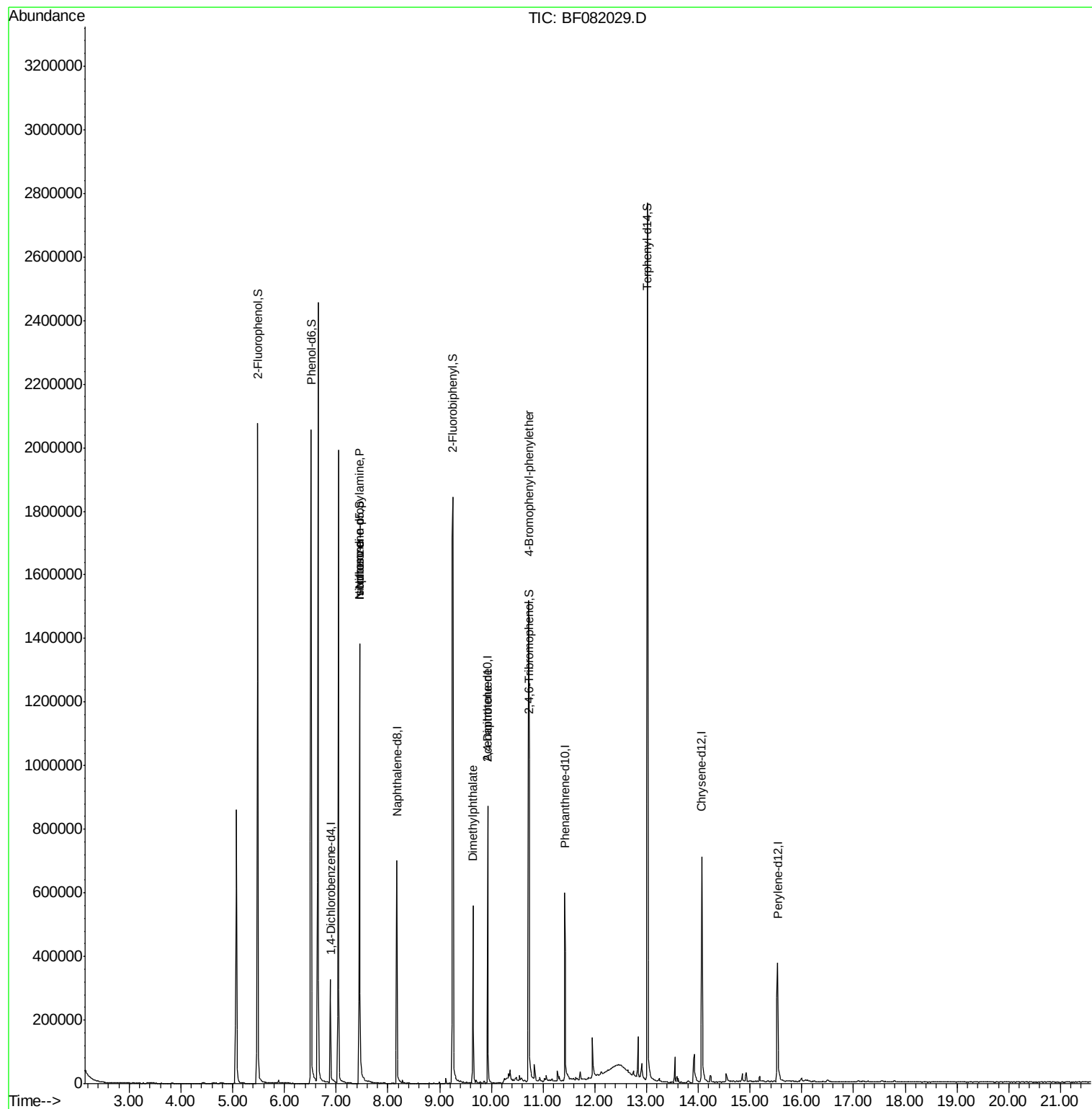
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	82697	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	345608	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	177205	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	339798	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	322681	20.00	ng	-0.05
86) Perylene-d12	15.53	264	237882	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	717474	157.50	ng	-0.03
7) Phenol-d6	6.51	99	839847	146.51	ng	-0.05
23) Nitrobenzene-d5	7.45	82	529608	102.15	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	277645	154.71	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1003173	97.49	ng	-0.05
78) Terphenyl-d14	13.02	244	994502	107.08	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	68437	19.64	ng	# 57
25) Isophorone	7.45	82	444180	43.22	ng	# 58
49) Dimethylphthalate	9.65	163	264100	21.59	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	22697	6.70	ng	# 33
57) Fluorene	10.48	166	2979	Below Cal	#	93
66) 4-Bromophenyl-phenylether	10.72	248	17553	5.12	ng	# 1
70) Phenanthrene	11.44	178	2298	Below Cal	#	62
73) Di-n-butylphthalate	11.99	149	3715	Below Cal	#	95

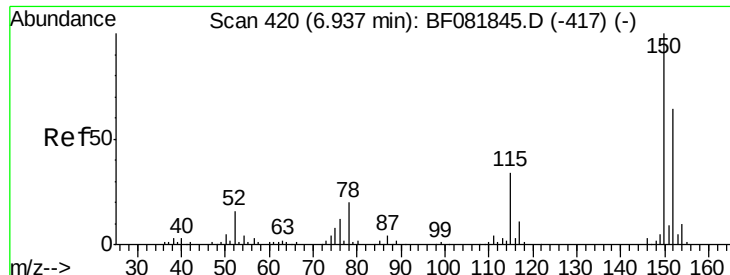
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 49 Sample Multiplier: 1

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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: BF082029.D

Acq: 3 Oct 2015 18:56

Instrument :

BNA_F

ClientSampleId :

SB-03-6.5-7.0-092915

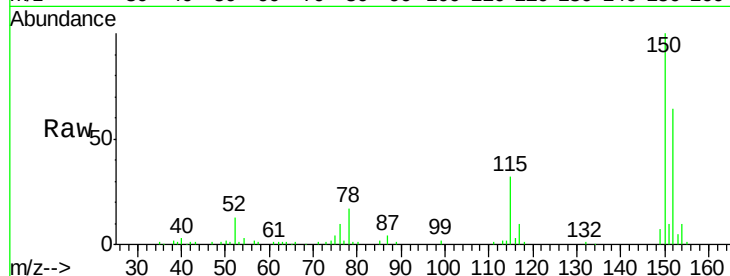
Tgt Ion:152 Resp: 82697

Ion Ratio Lower Upper

152 100

150 156.2 124.7 187.1

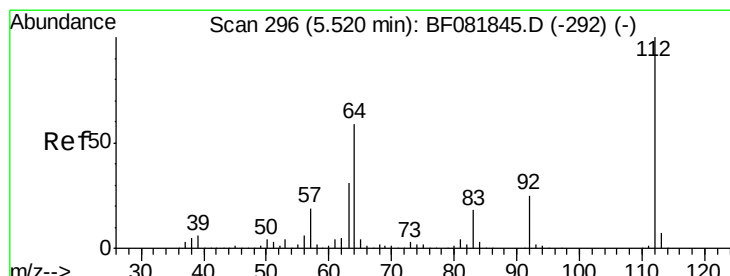
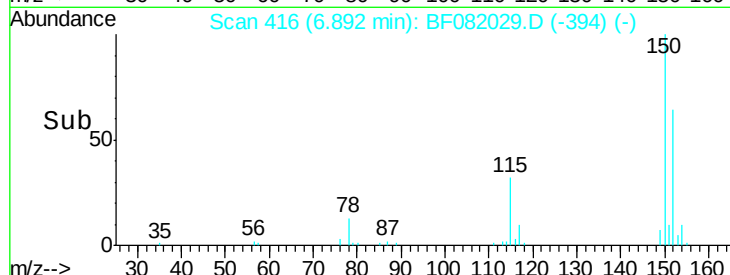
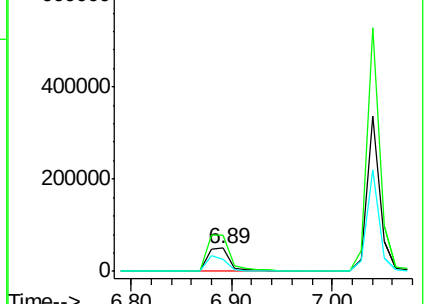
115 49.2 39.0 58.4



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: 157.50 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082029.D

Acq: 3 Oct 2015 18:56

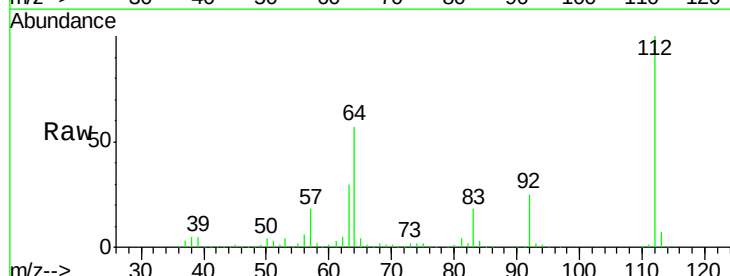
Tgt Ion:112 Resp: 717474

Ion Ratio Lower Upper

112 100

64 57.4 39.7 59.5

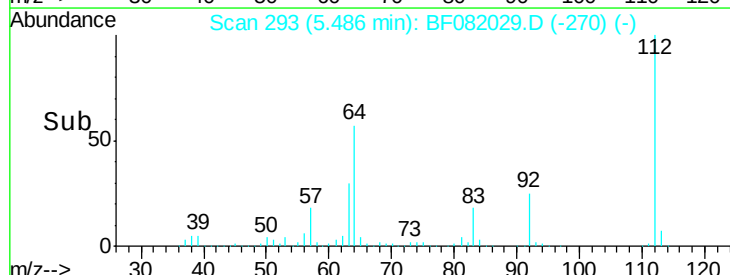
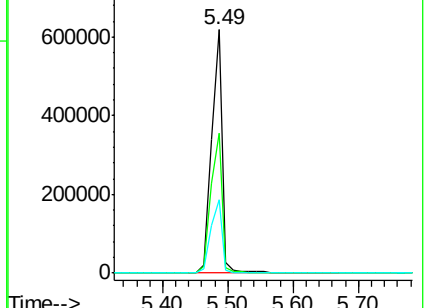
63 30.0 17.4 26.0#

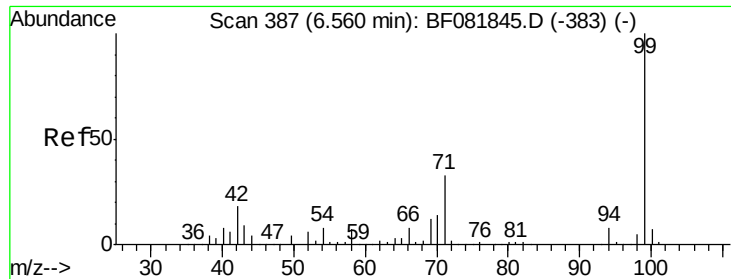


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.51 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082029.D

Acq: 3 Oct 2015 18:56

Instrument :

BNA_F

ClientSampleId :

SB-03-6.5-7.0-092915

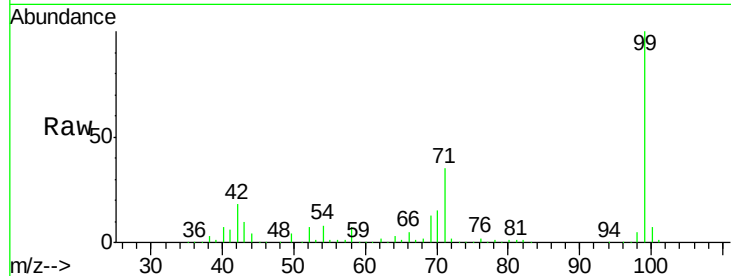
Tgt Ion: 99 Resp: 839847

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

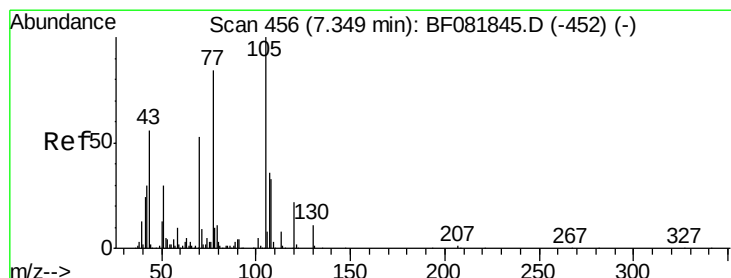
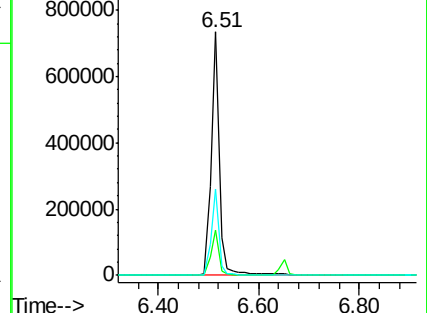
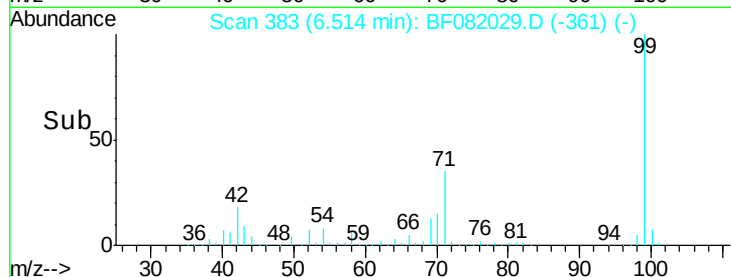
71 35.1 14.2 21.2#



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: 19.64 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF082029.D

Acq: 3 Oct 2015 18:56

Tgt Ion: 70 Resp: 68437

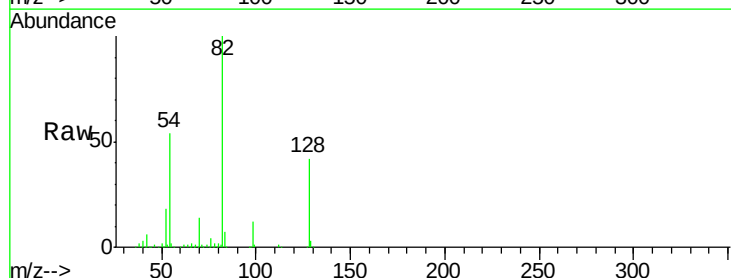
Ion Ratio Lower Upper

70 100

42 45.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

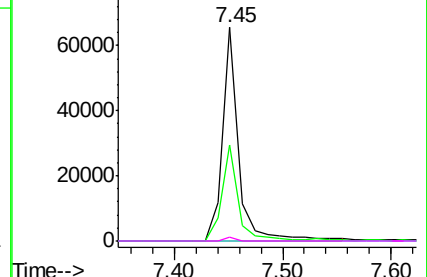
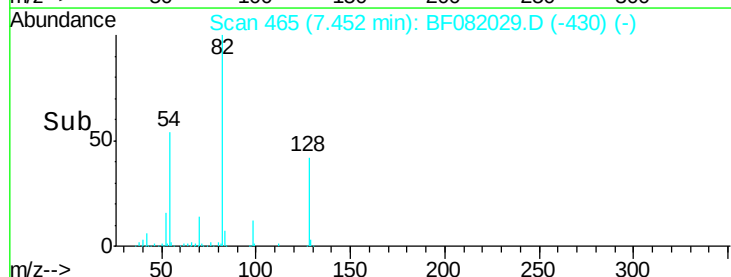


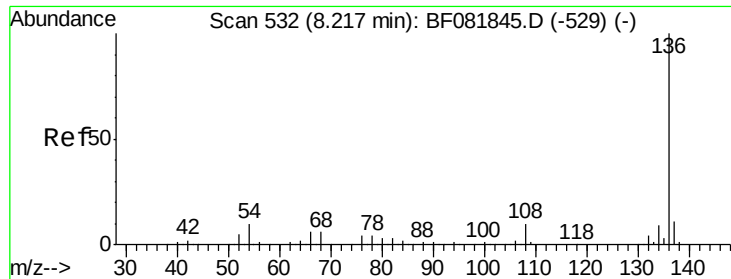
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

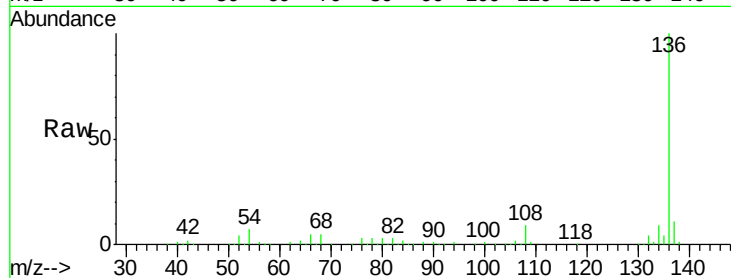




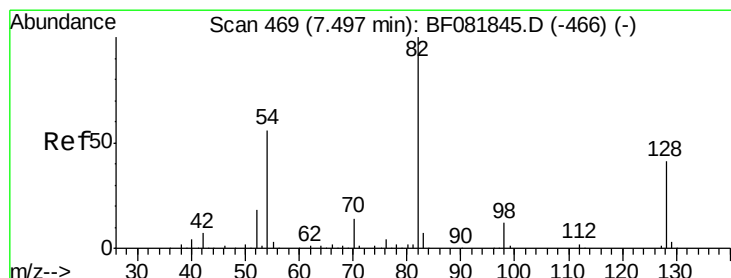
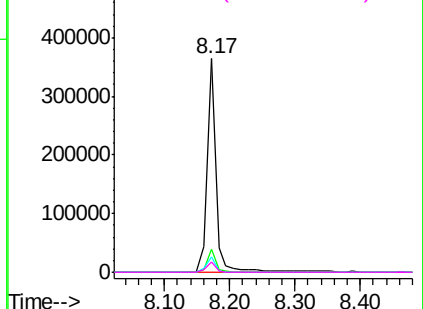
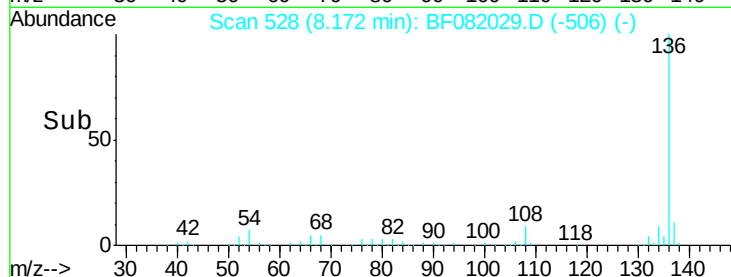
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082029.D
Acq: 3 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB-03-6.5-7.0-092915

Tgt Ion:	136	Resp:	345608
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.1	8.2	12.2#
68	4.9	5.8	8.6#

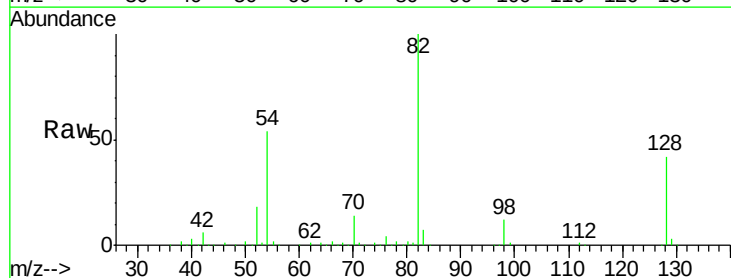


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

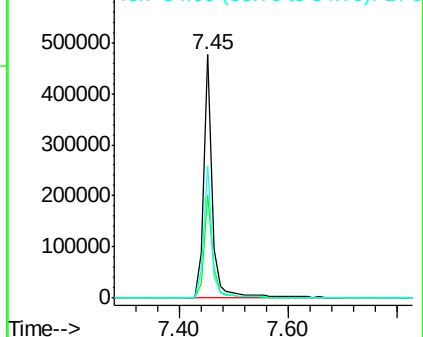
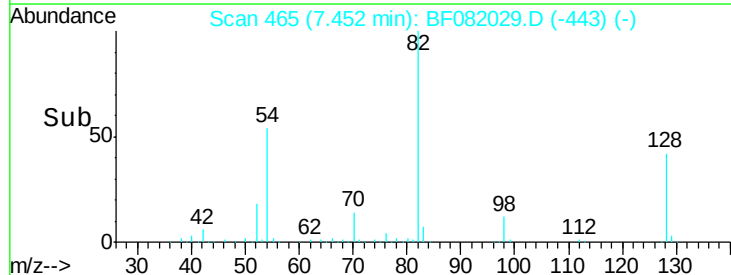


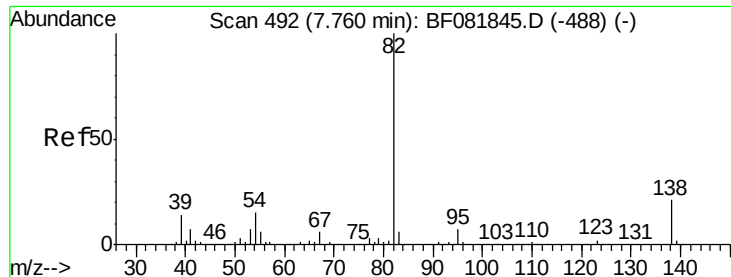
#23
Nitrobenzene-d5
Concen: 102.15 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082029.D
Acq: 3 Oct 2015 18:56

Tgt Ion:	82	Resp:	529608
Ion	Ratio	Lower	Upper
82	100		
128	42.1	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): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 43.22 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF082029.D

Acq: 3 Oct 2015 18:56

Instrument :

BNA_F

ClientSampleId :

SB-03-6.5-7.0-092915

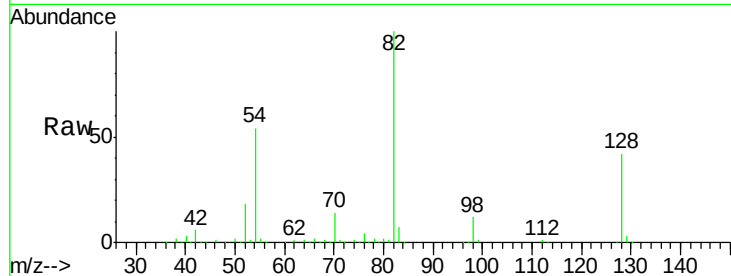
Tgt Ion: 82 Resp: 444180

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

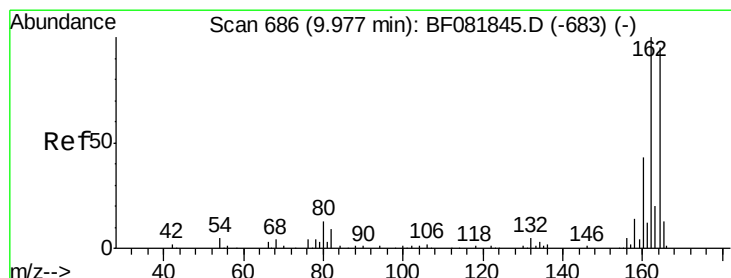
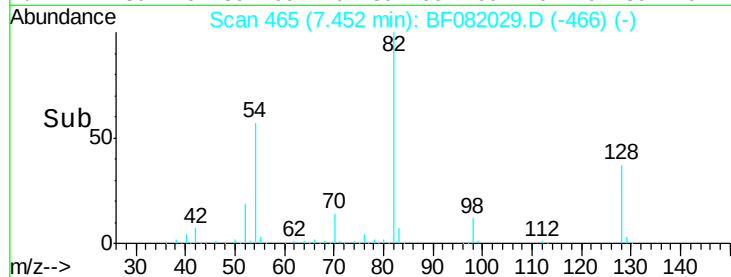
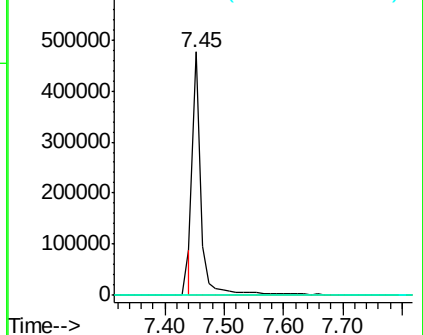
138 0.0 18.3 27.5#



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: BF082029.D

Acq: 3 Oct 2015 18:56

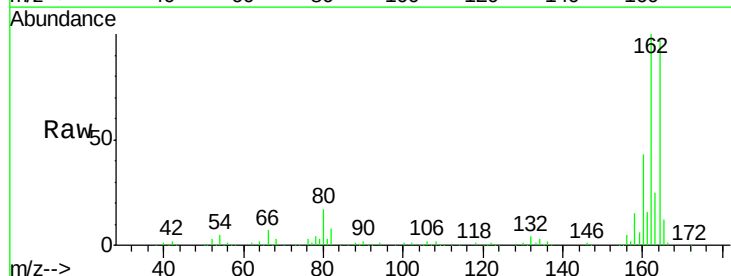
Tgt Ion: 164 Resp: 177205

Ion Ratio Lower Upper

164 100

162 103.6 75.2 112.8

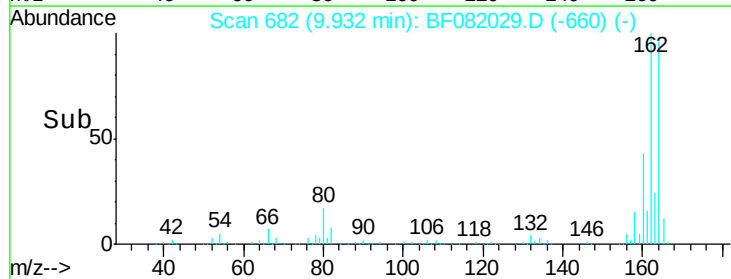
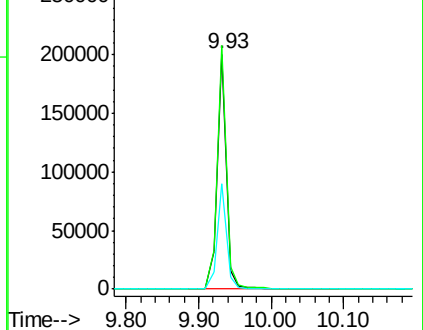
160 45.0 31.5 47.3

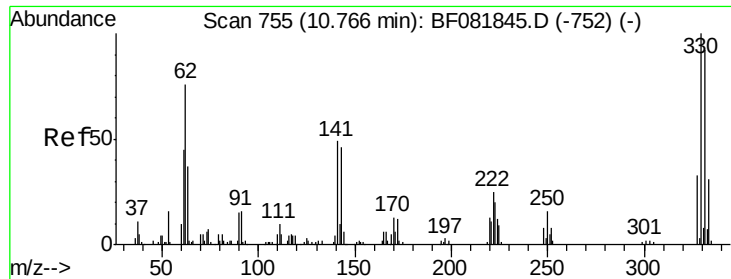


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

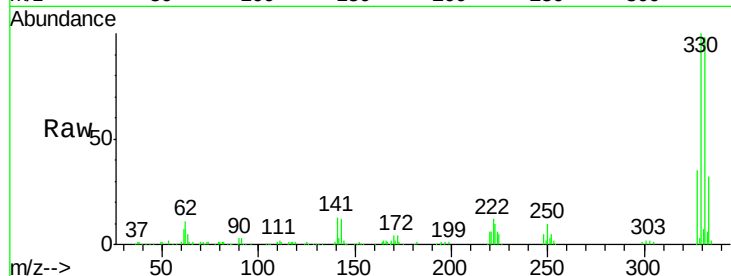




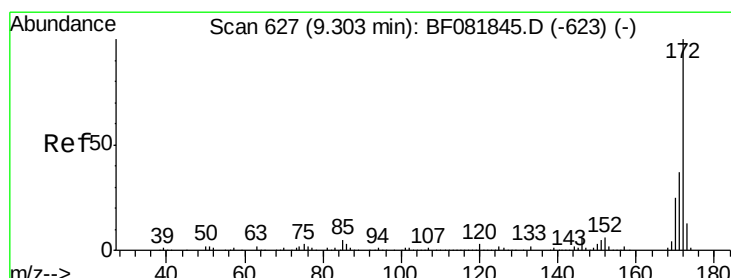
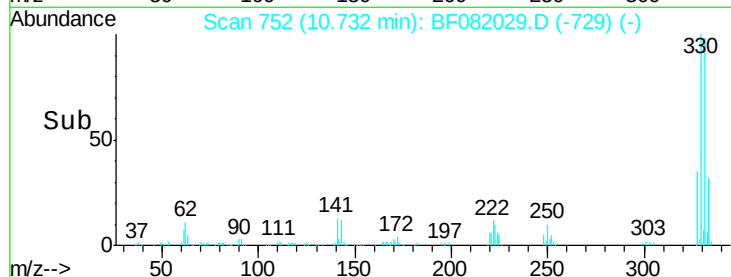
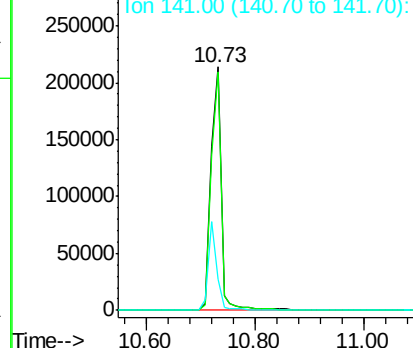
#41
 2,4,6-Tribromophenol
 Concen: 154.71 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082029.D
 Acq: 3 Oct 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-6.5-7.0-092915

Tgt Ion:330 Resp: 277645
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 31.2 29.7 44.5

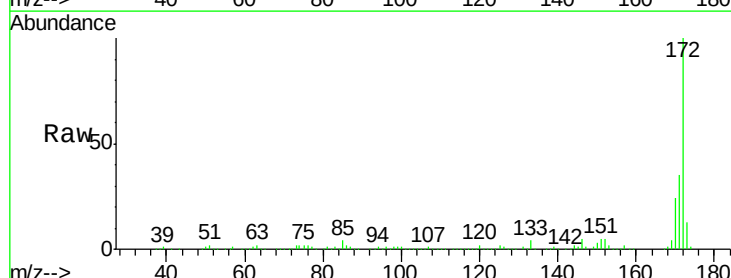


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

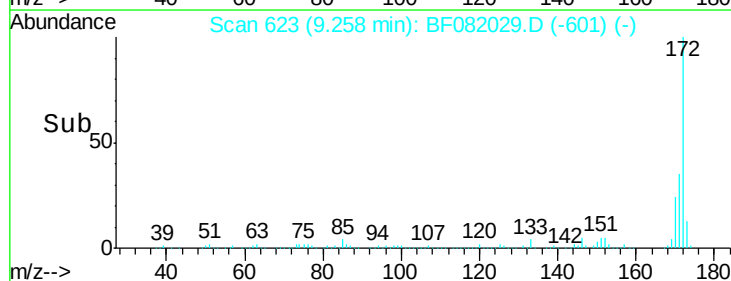
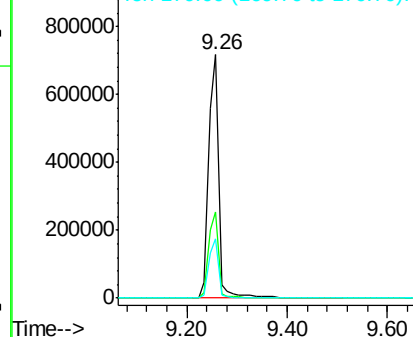


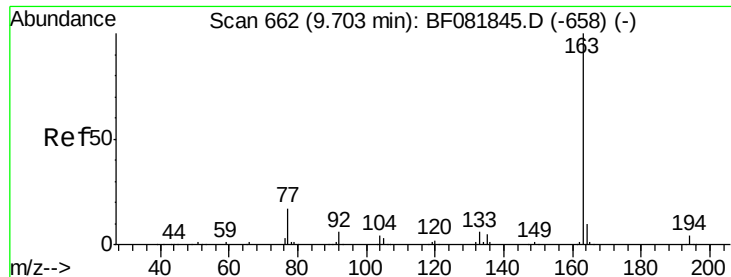
#44
 2-Fluorobiphenyl
 Concen: 97.49 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082029.D
 Acq: 3 Oct 2015 18:56

Tgt Ion:172 Resp: 1003173
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 24.2 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

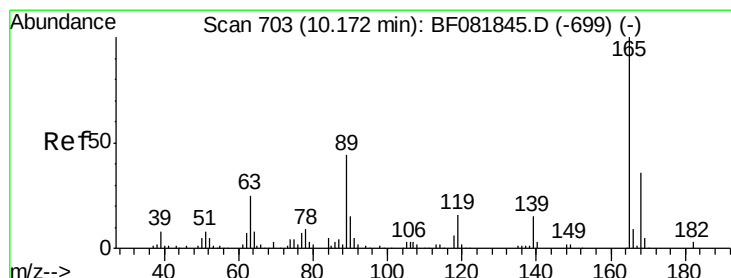
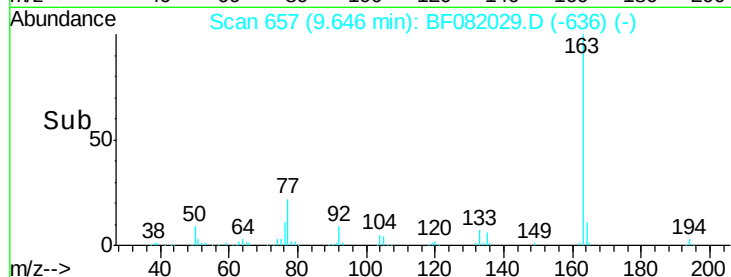
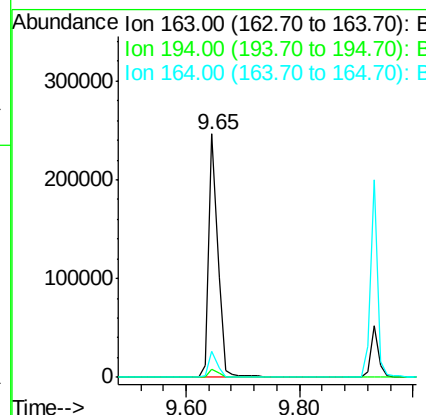
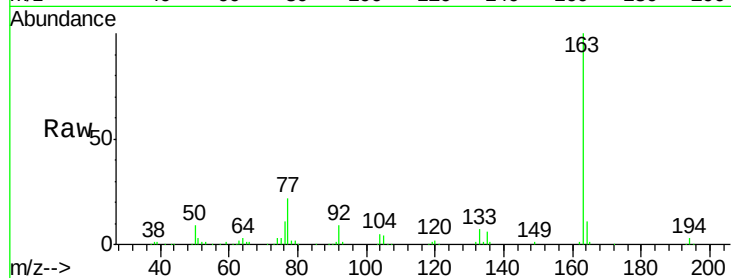




#49
Dimethylphthalate
Concen: 21.59 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF082029.D
Acq: 3 Oct 2015 18:56

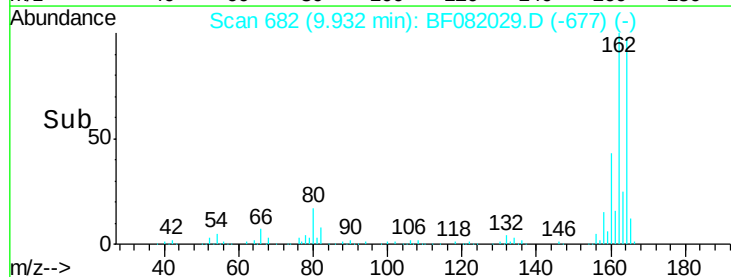
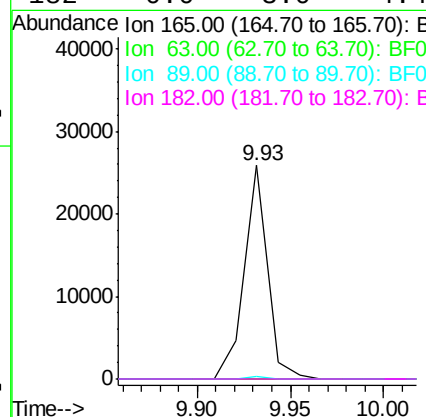
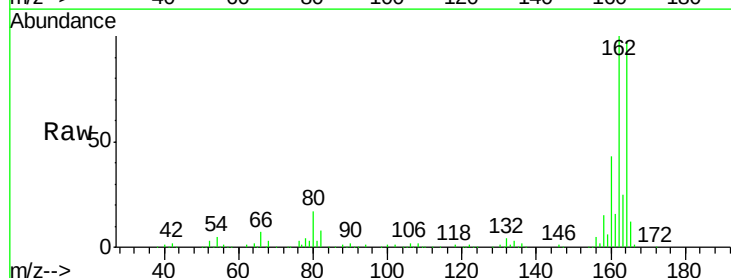
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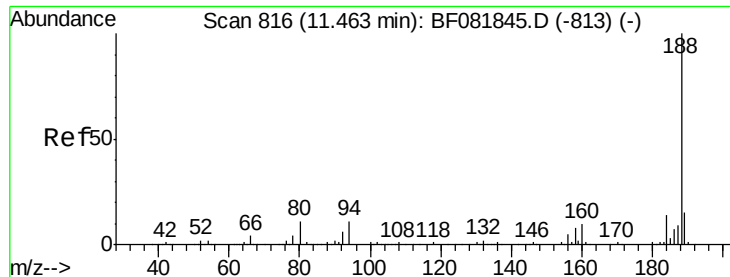
Tgt Ion:163 Resp: 264100
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 10.6 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.70 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF082029.D
Acq: 3 Oct 2015 18:56

Tgt Ion:165 Resp: 22697
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 1.5 44.5 66.7#
182 0.0 3.0 4.4#

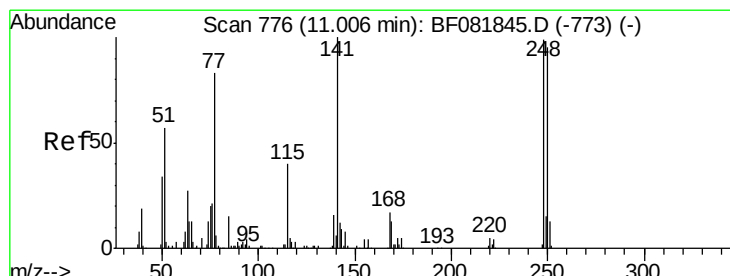
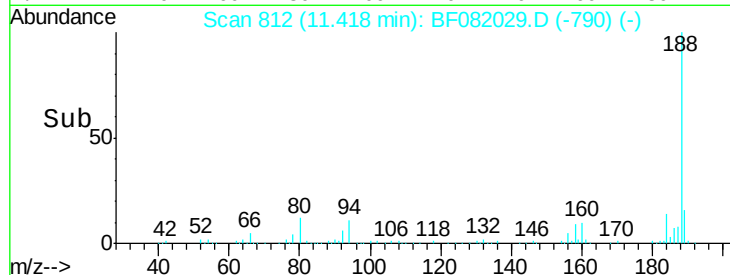
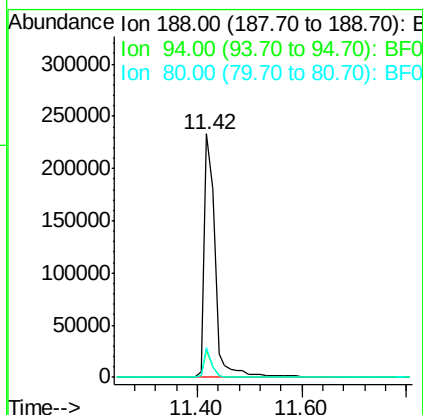
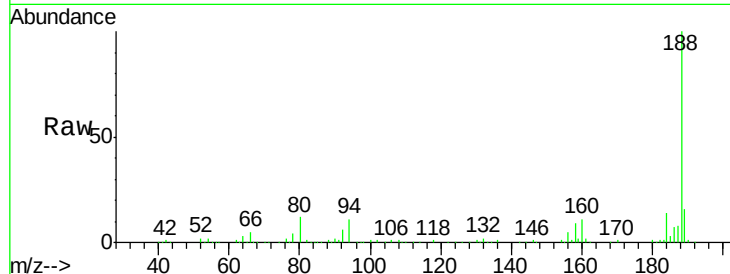




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF082029.D
 Acq: 3 Oct 2015 18:56

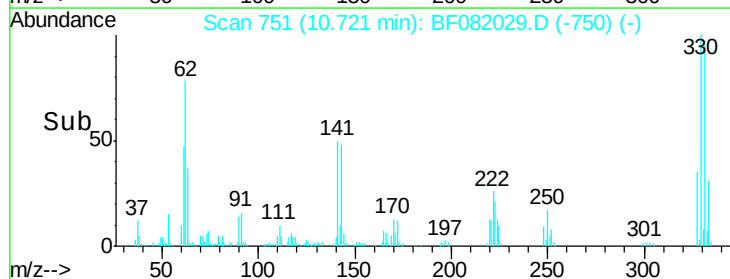
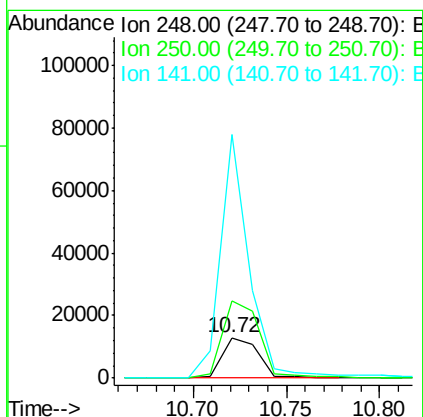
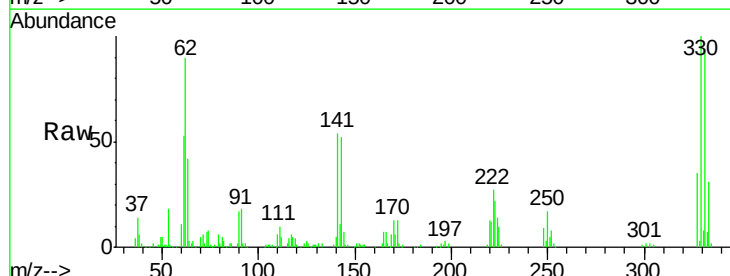
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-6.5-7.0-092915

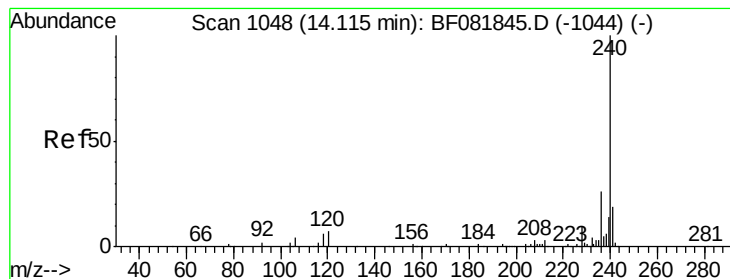
Tgt Ion:188 Resp: 339798
 Ion Ratio Lower Upper
 188 100
 94 11.2 11.1 16.7
 80 12.4 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 5.12 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF082029.D
 Acq: 3 Oct 2015 18:56

Tgt Ion:248 Resp: 17553
 Ion Ratio Lower Upper
 248 100
 250 192.3 78.5 117.7#
 141 604.6 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF082029.D

Acq: 3 Oct 2015 18:56

Instrument :

BNA_F

ClientSampleId :

SB-03-6.5-7.0-092915

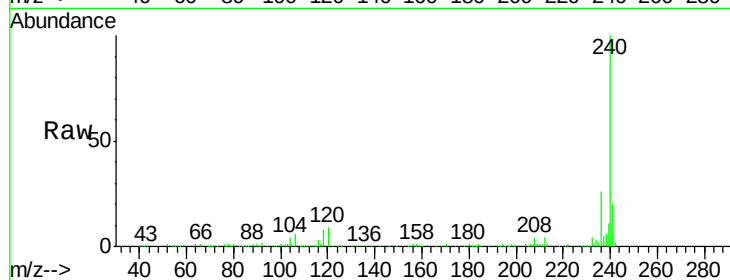
Tgt Ion:240 Resp: 322681

Ion Ratio Lower Upper

240 100

120 9.0 16.2 24.2#

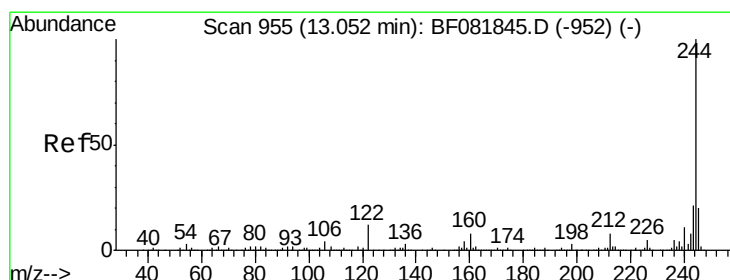
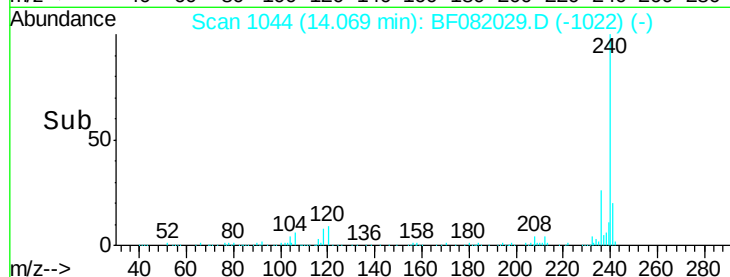
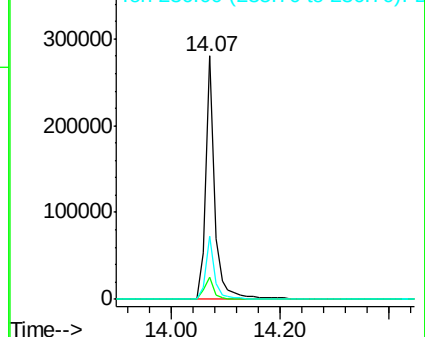
236 25.7 18.4 27.6



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: 107.08 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082029.D

Acq: 3 Oct 2015 18:56

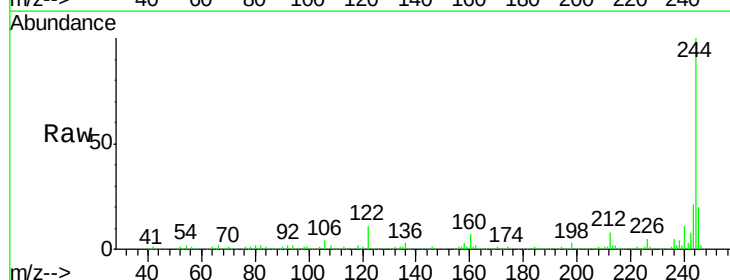
Tgt Ion:244 Resp: 994502

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

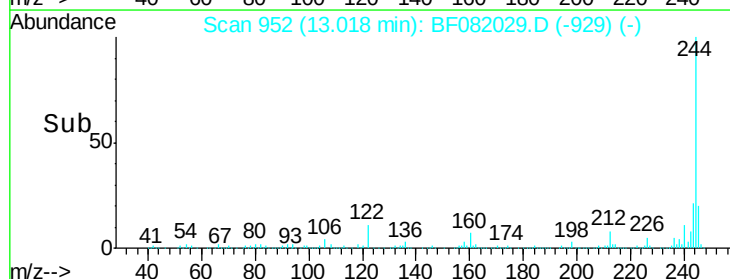
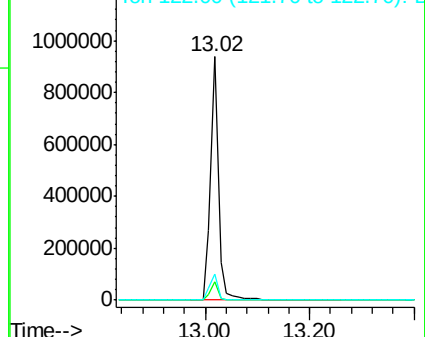
122 10.8 17.4 26.2#

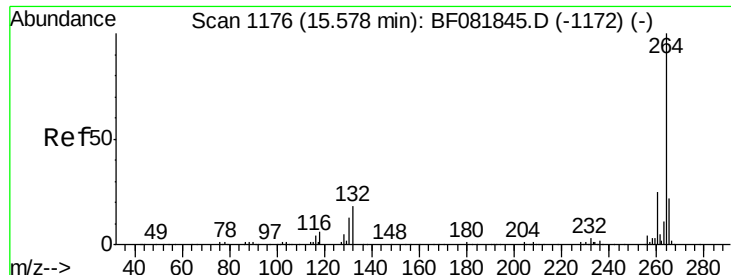


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF082029.D
Acq: 3 Oct 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB-03-6.5-7.0-092915

Tgt Ion: 264 Resp: 237882
Ion Ratio Lower Upper
264 100
260 23.5 16.7 25.1
265 21.0 17.2 25.8

