

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082030.D
 Acq On : 3 Oct 2015 19:26
 Operator : UM/IZ
 Sample : G3867-04
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-10.0-092915

Quant Time: Oct 05 01:42:12 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

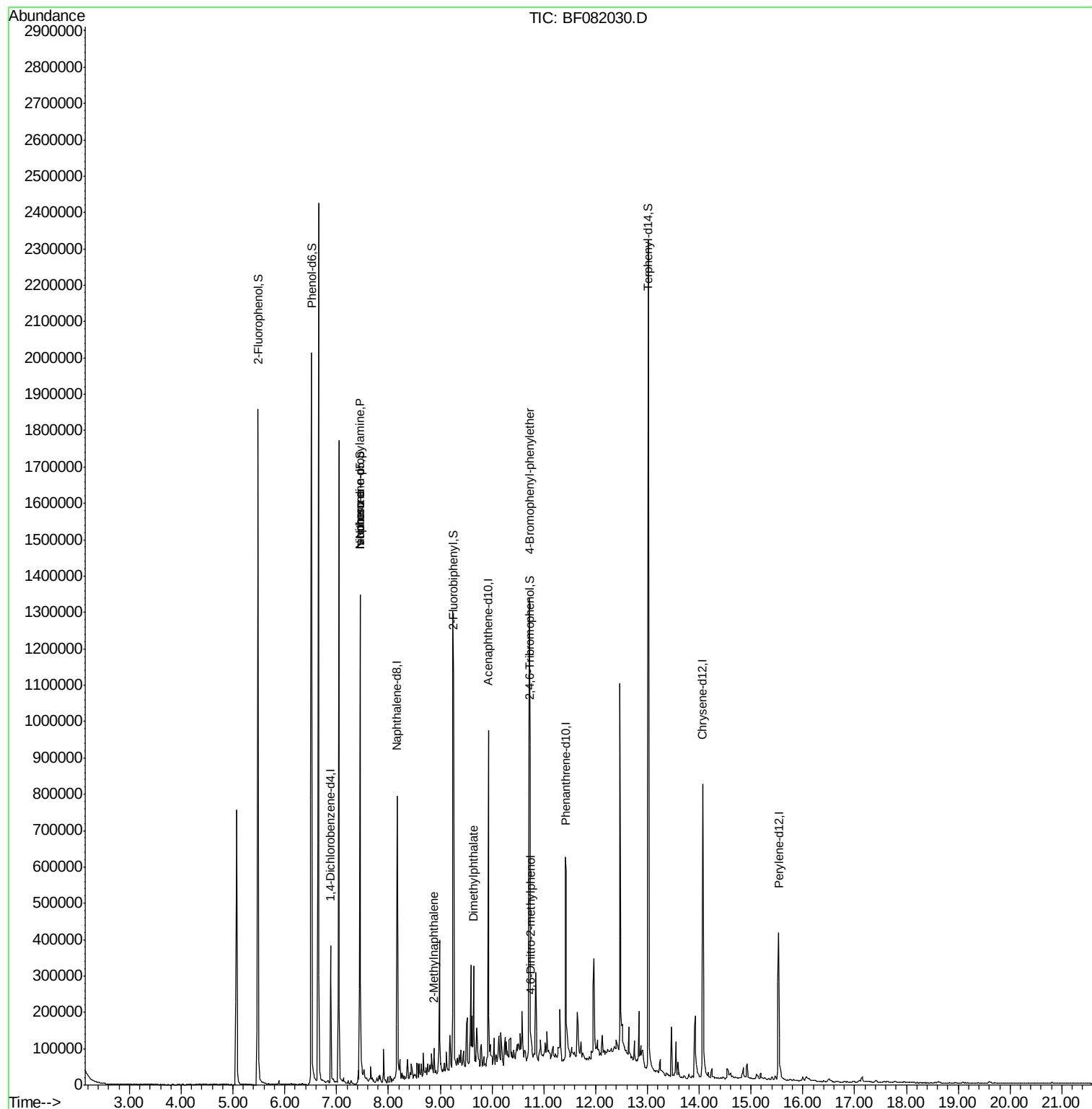
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	89906	20.00	ng	-0.06
21) Naphthalene-d8	8.17	136	369420	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	186992	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	356819	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	342959	20.00	ng	-0.05
86) Perylene-d12	15.53	264	251293	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	715673	144.50	ng	-0.03
7) Phenol-d6	6.51	99	818280	131.30	ng	-0.05
23) Nitrobenzene-d5	7.45	82	506177	91.34	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	230376	121.65	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	667041	55.82	ng	-0.05
78) Terphenyl-d14	13.02	244	812047	73.72	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	67168	17.73	ng	# 58
25) Isophorone	7.45	82	418937	38.14	ng	# 58
37) 2-Methylnaphthalene	8.88	142	34387	3.08	ng	# 87
49) Dimethylphthalate	9.65	163	70893	5.49	ng	# 97
53) 2,4-Dinitrophenol	10.23	184	227	Below Cal	#	33
57) Fluorene	10.48	166	10395	Below Cal	#	88
64) 4,6-Dinitro-2-methylphenol	10.75	198	1320	2.15	ng	# 37
66) 4-Bromophenyl-phenylether	10.72	248	13679	3.80	ng	# 1
73) Di-n-butylphthalate	11.99	149	14043	Below Cal	#	97

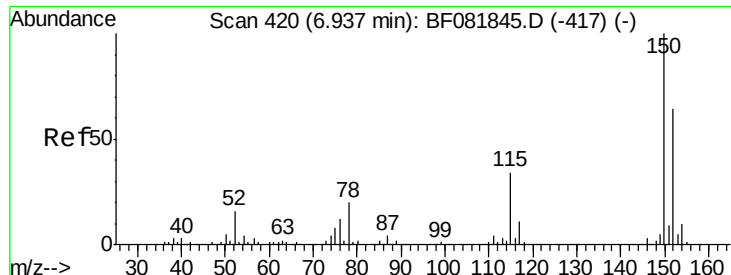
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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ALS Vial : 50 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: 6.88 min Scan# 415

Delta R.T. -0.06 min

Lab File: BF082030.D

Acq: 3 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

SB-04-9.5-10.0-092915

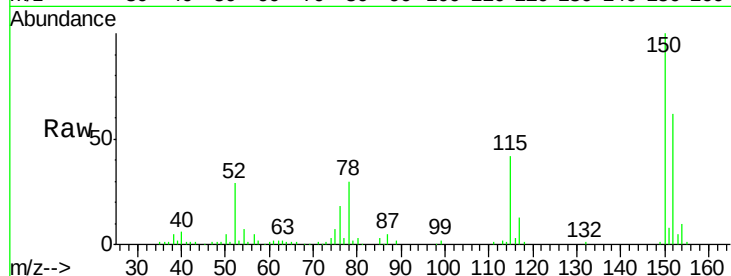
Tgt Ion:152 Resp: 89906

Ion Ratio Lower Upper

152 100

150 160.9 124.7 187.1

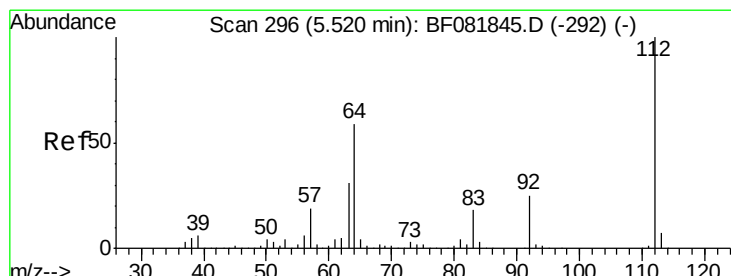
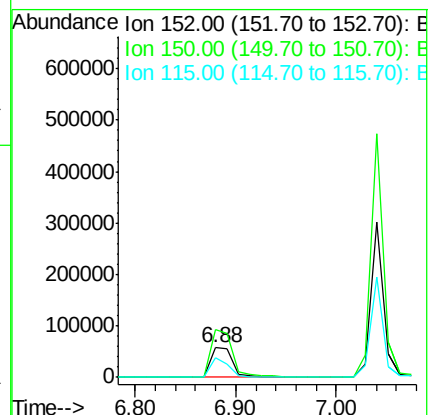
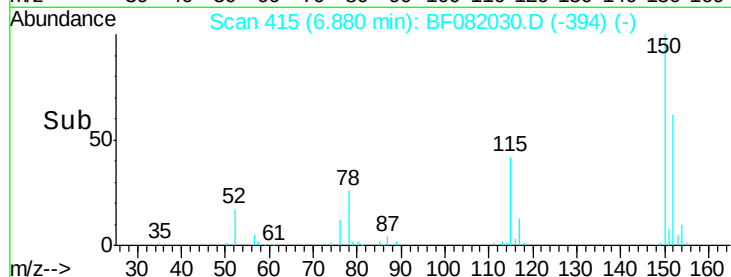
115 68.0 39.0 58.4#



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: 144.50 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082030.D

Acq: 3 Oct 2015 19:26

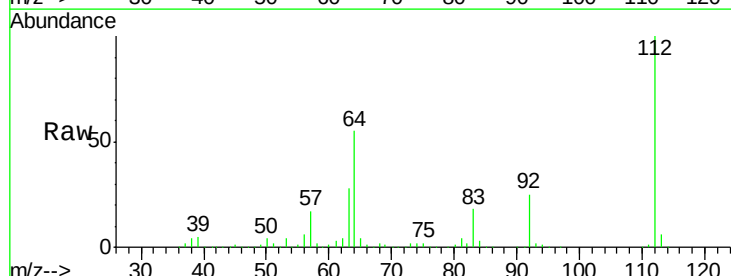
Tgt Ion:112 Resp: 715673

Ion Ratio Lower Upper

112 100

64 54.6 39.7 59.5

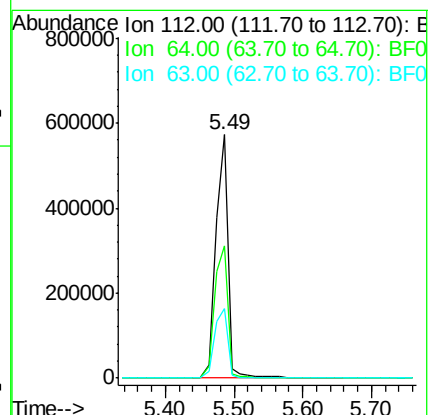
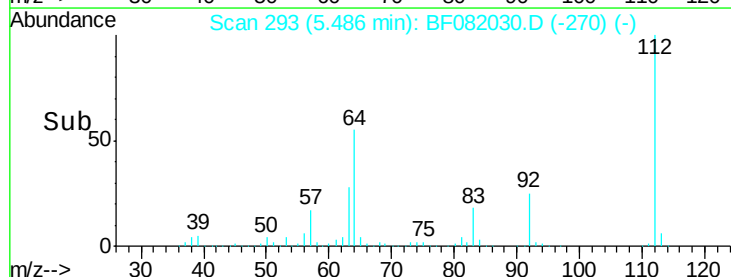
63 28.5 17.4 26.0#

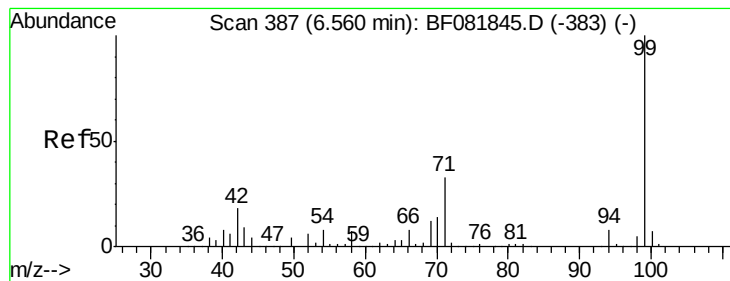


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.30 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082030.D

Acq: 3 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

SB-04-9.5-10.0-092915

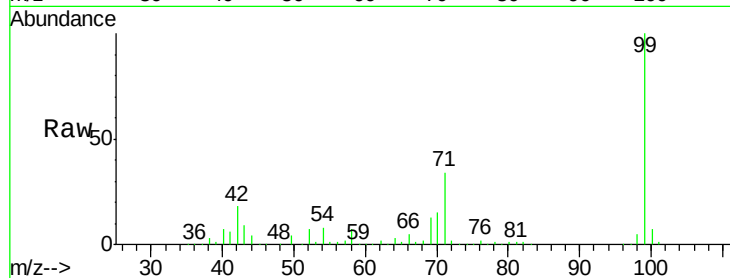
Tgt Ion: 99 Resp: 818280

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

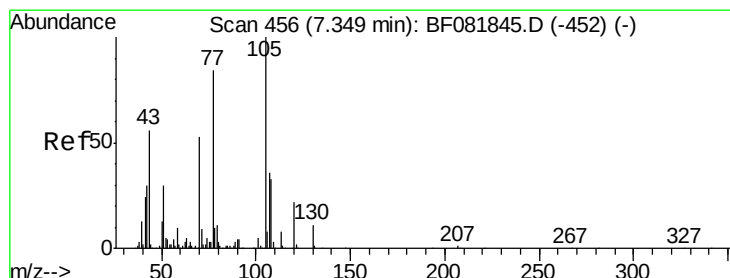
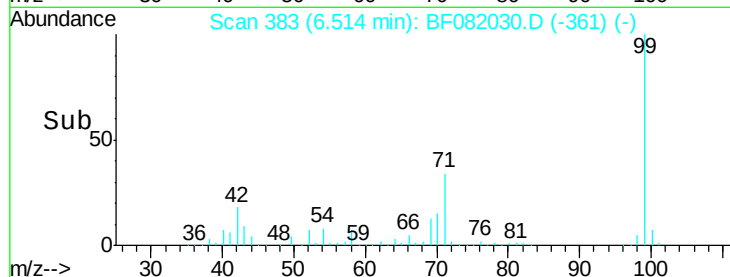
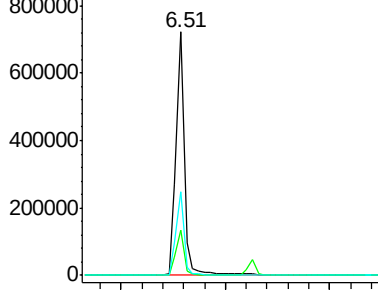
71 34.5 14.2 21.2#



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: 17.73 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF082030.D

Acq: 3 Oct 2015 19:26

Tgt Ion: 70 Resp: 67168

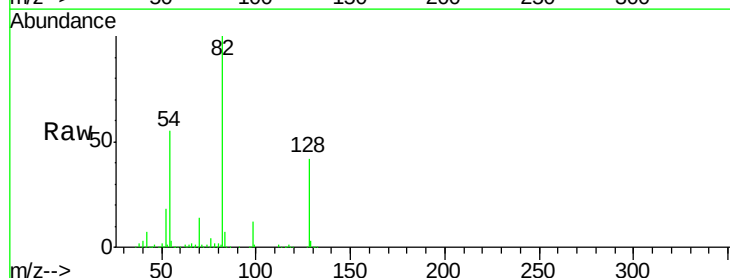
Ion Ratio Lower Upper

70 100

42 47.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

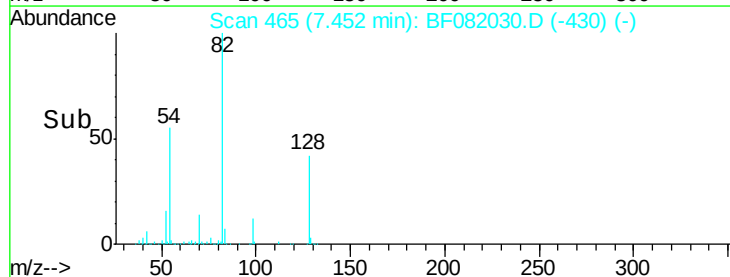
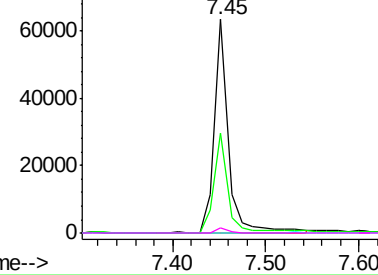


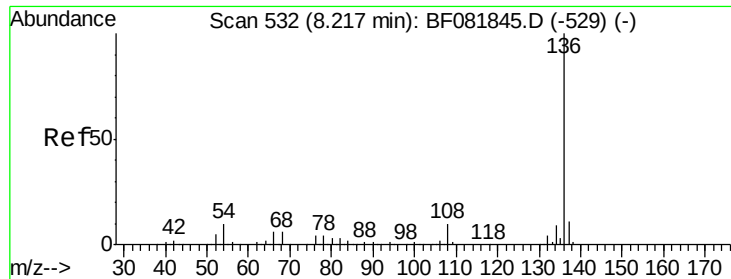
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

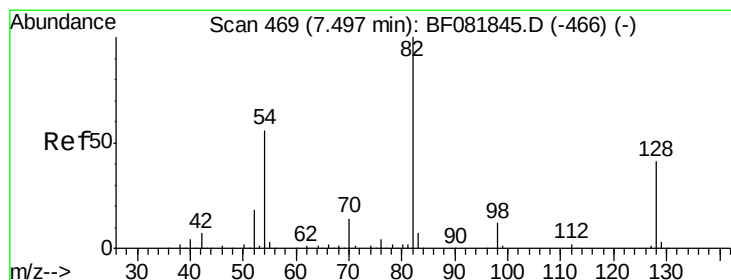
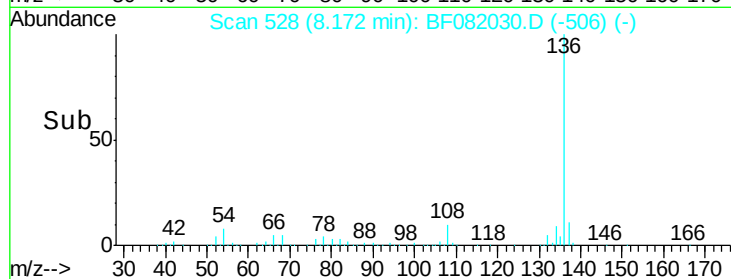
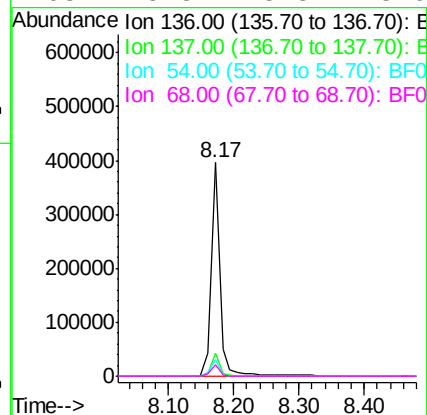
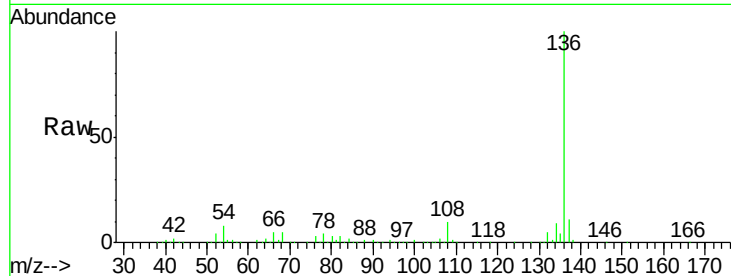




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082030.D
Acq: 3 Oct 2015 19:26

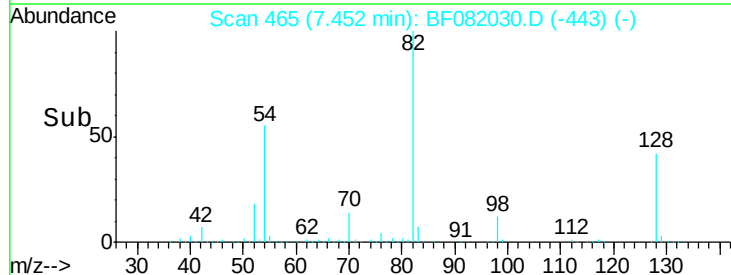
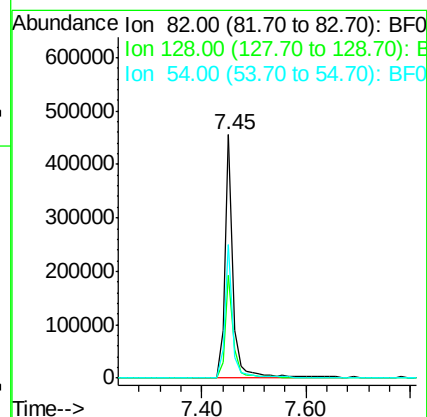
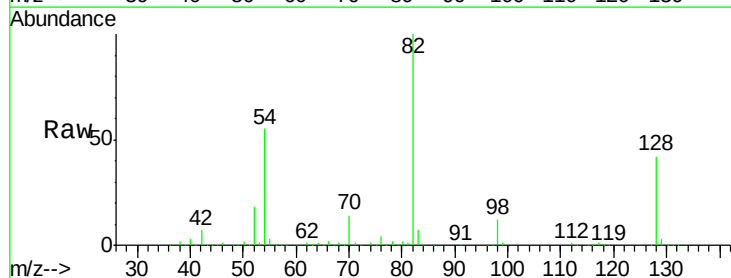
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SB-04-9.5-10.0-092915

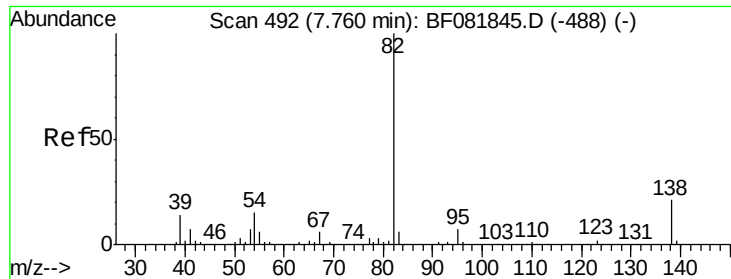
Tgt Ion:	136	Resp:	369420
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.9	8.2	12.2#
68	5.3	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 91.34 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082030.D
Acq: 3 Oct 2015 19:26

Tgt Ion:	82	Resp:	506177
Ion	Ratio	Lower	Upper
82	100		
128	42.4	51.0	76.6#
54	55.1	47.5	71.3





#25

Isophorone

Concen: 38.14 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF082030.D

Acq: 3 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

SB-04-9.5-10.0-092915

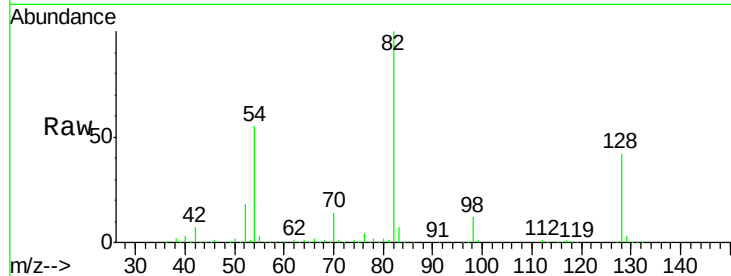
Tgt Ion: 82 Resp: 418937

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

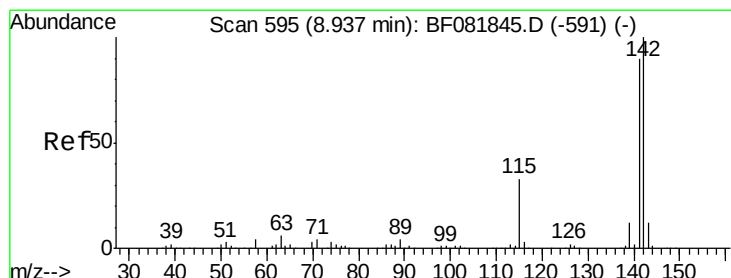
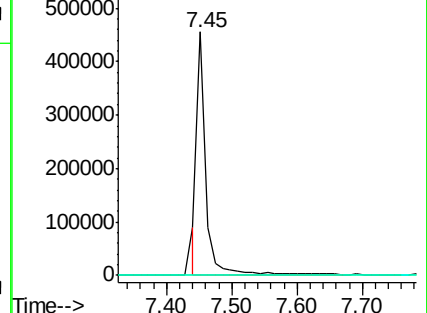
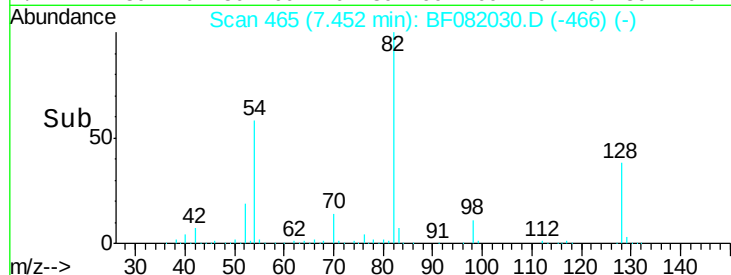
138 0.0 18.3 27.5#



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



#37

2-Methylnaphthalene

Concen: 3.08 ng

RT: 8.88 min Scan# 590

Delta R.T. -0.06 min

Lab File: BF082030.D

Acq: 3 Oct 2015 19:26

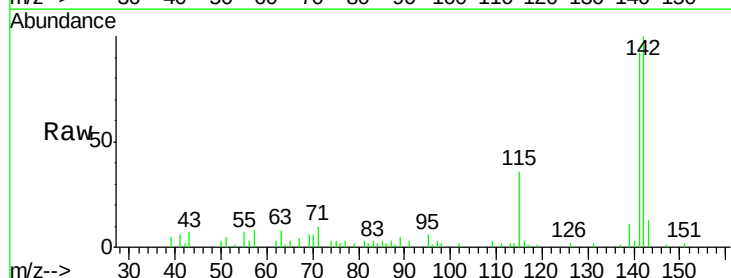
Tgt Ion: 142 Resp: 34387

Ion Ratio Lower Upper

142 100

141 92.3 67.5 101.3

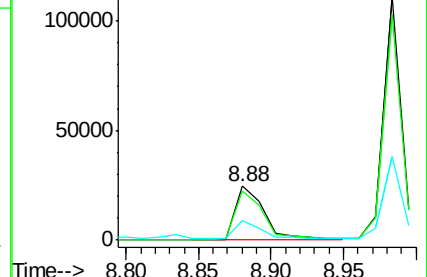
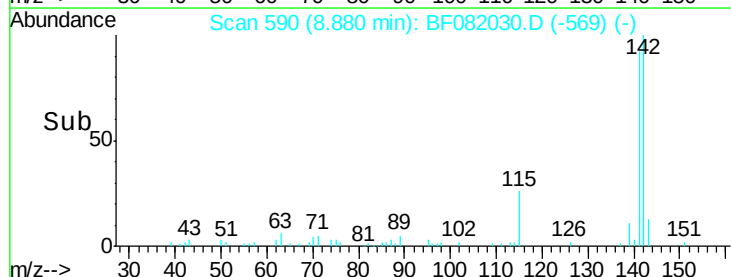
115 36.0 18.2 27.2#

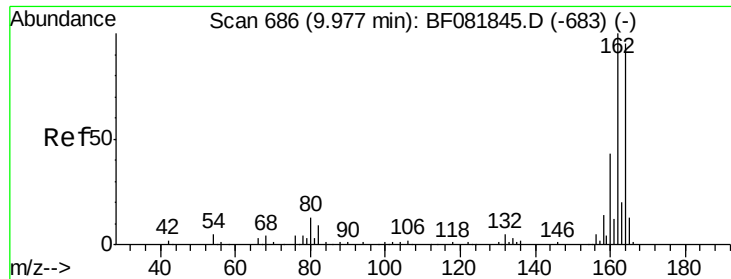


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

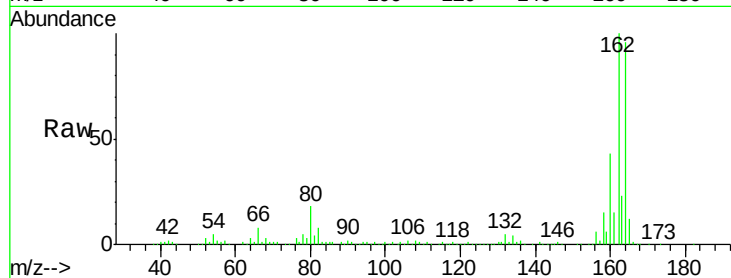




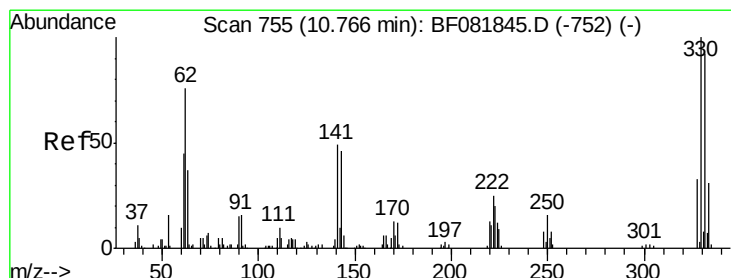
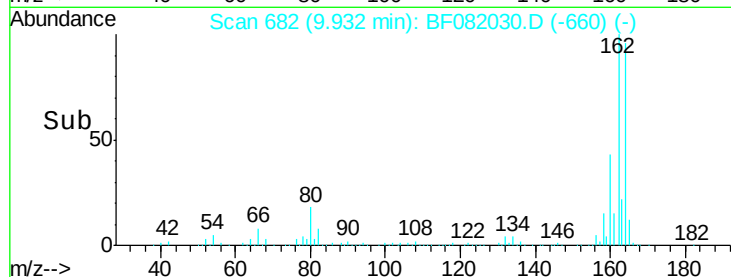
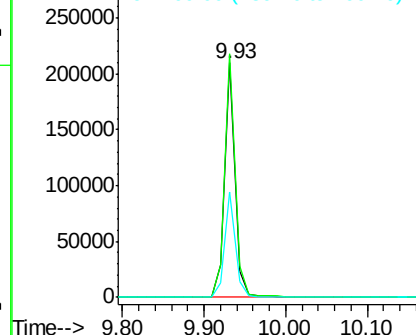
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF082030.D
 Acq: 3 Oct 2015 19:26

Instrument :
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 SB-04-9.5-10.0-092915

Tgt Ion:164 Resp: 186992
 Ion Ratio Lower Upper
 164 100
 162 104.0 75.2 112.8
 160 44.9 31.5 47.3

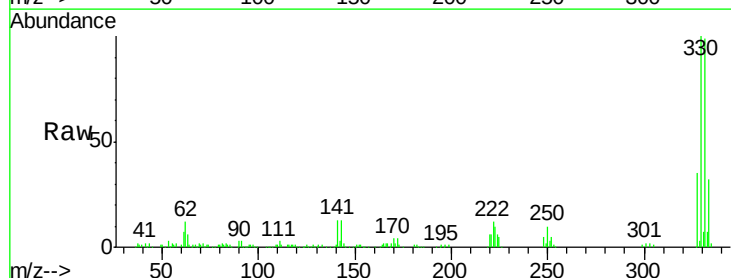


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

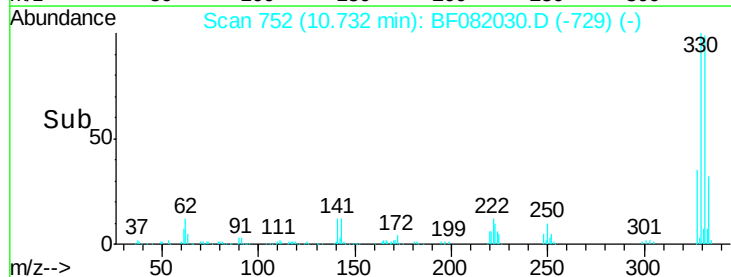
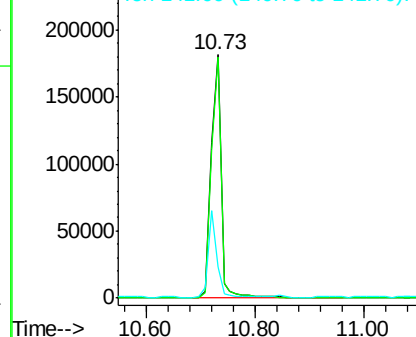


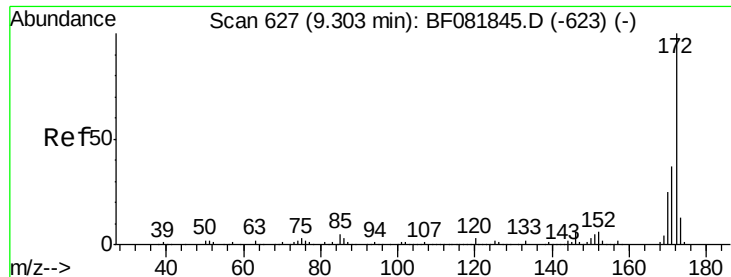
#41
 2,4,6-Tribromophenol
 Concen: 121.65 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082030.D
 Acq: 3 Oct 2015 19:26

Tgt Ion:330 Resp: 230376
 Ion Ratio Lower Upper
 330 100
 332 97.7 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

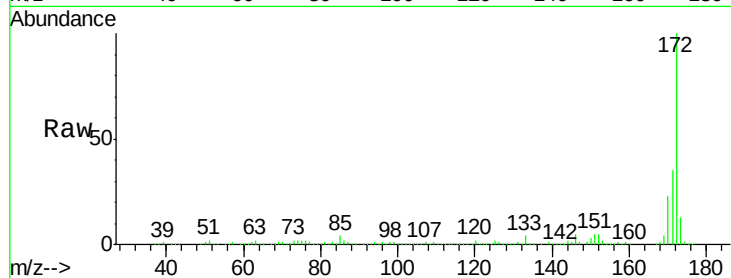




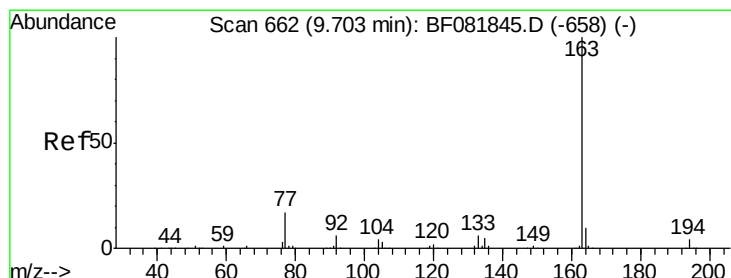
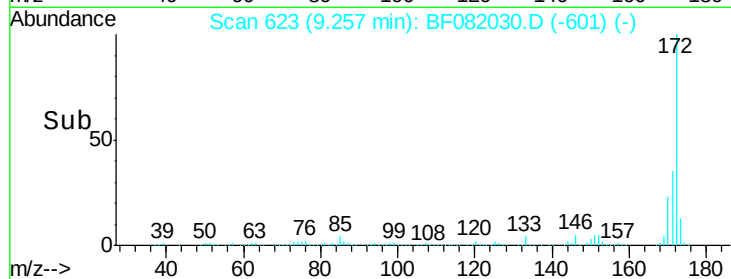
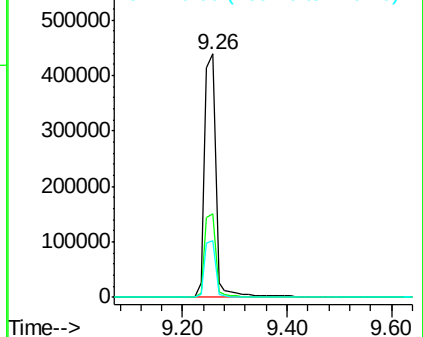
#44
 2-Fluorobiphenyl
 Concen: 55.82 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082030.D
 Acq: 3 Oct 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-10.0-092915

Tgt Ion:172 Resp: 667041
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.1 39.1
 170 23.2 17.4 26.2

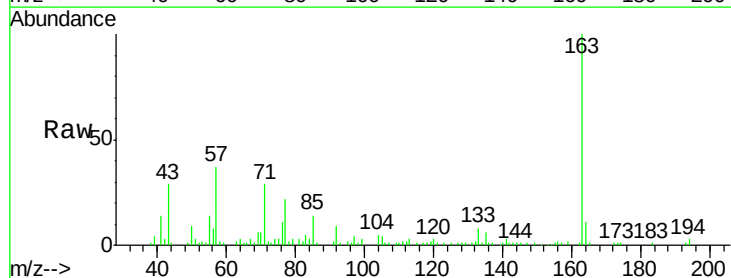


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

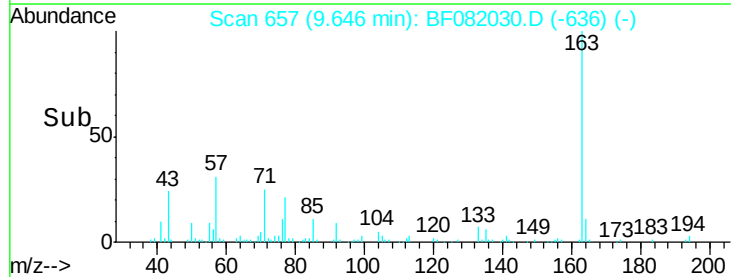
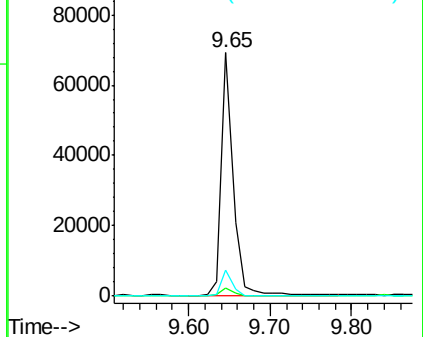


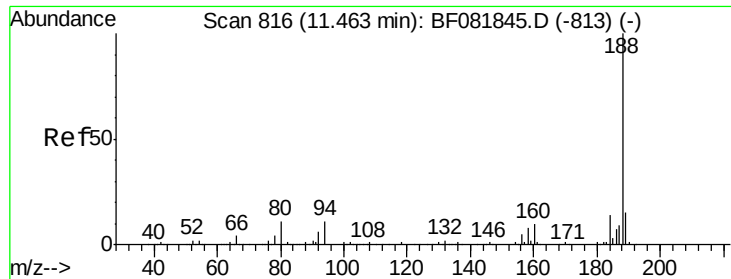
#49
 Dimethylphthalate
 Concen: 5.49 ng
 RT: 9.65 min Scan# 657
 Delta R.T. -0.06 min
 Lab File: BF082030.D
 Acq: 3 Oct 2015 19:26

Tgt Ion:163 Resp: 70893
 Ion Ratio Lower Upper
 163 100
 194 3.4 4.4 6.6#
 164 10.6 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082030.D

Acq: 3 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

SB-04-9.5-10.0-092915

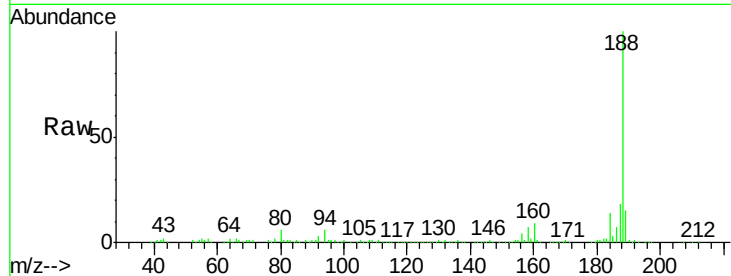
Tgt Ion:188 Resp: 356819

Ion Ratio Lower Upper

188 100

94 5.8 11.1 16.7#

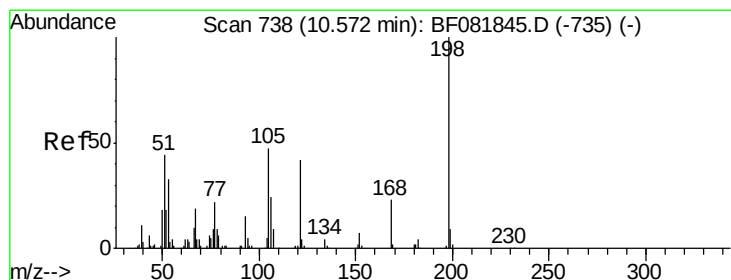
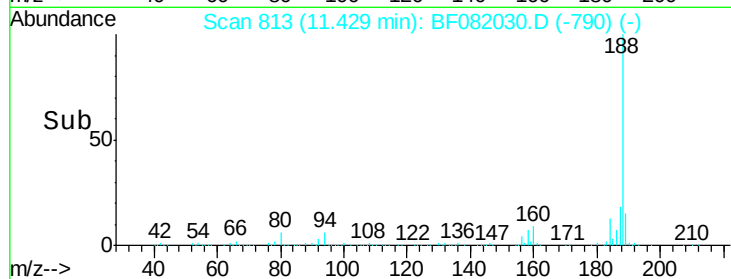
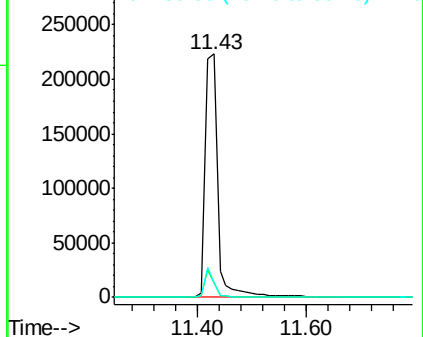
80 6.0 11.0 16.4#



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: 2.15 ng

RT: 10.75 min Scan# 754

Delta R.T. 0.18 min

Lab File: BF082030.D

Acq: 3 Oct 2015 19:26

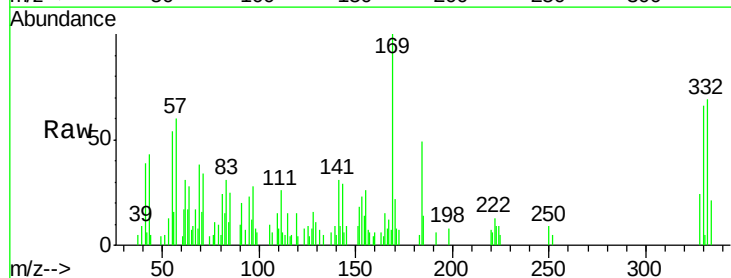
Tgt Ion:198 Resp: 1320

Ion Ratio Lower Upper

198 100

51 67.6 39.6 79.6

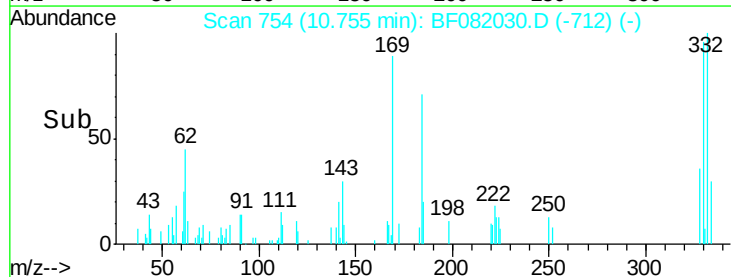
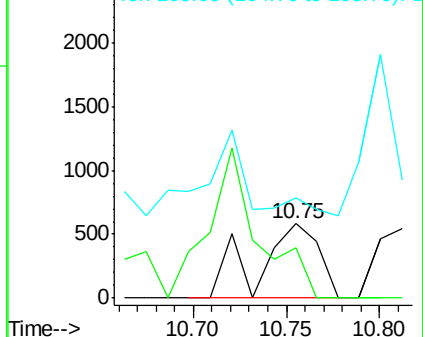
105 135.6 28.5 68.5#

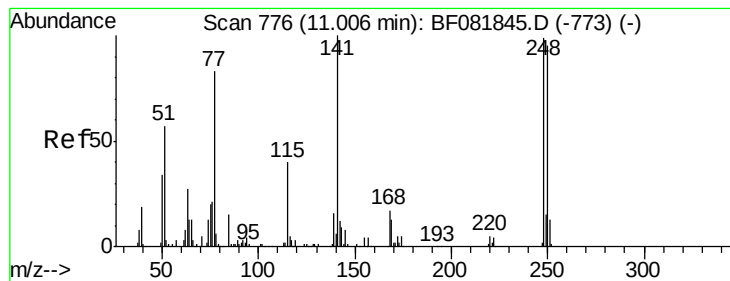


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.80 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.29 min

Lab File: BF082030.D

Acq: 3 Oct 2015 19:26

Instrument :

BNA_F

ClientSampleId :

SB-04-9.5-10.0-092915

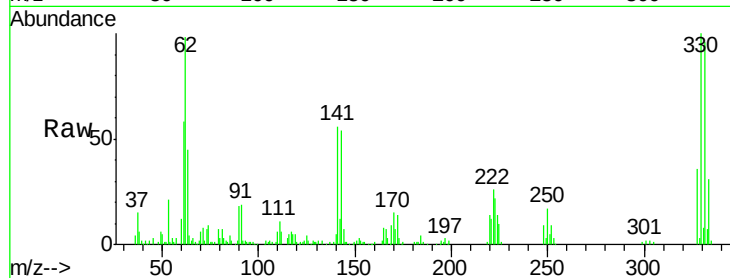
Tgt Ion:248 Resp: 13679

Ion Ratio Lower Upper

248 100

250 196.5 78.5 117.7#

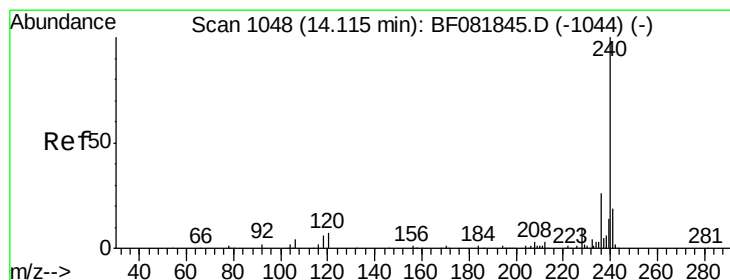
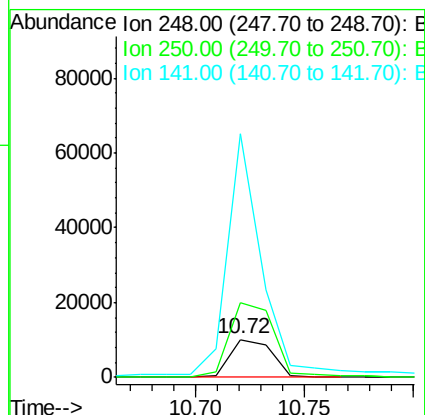
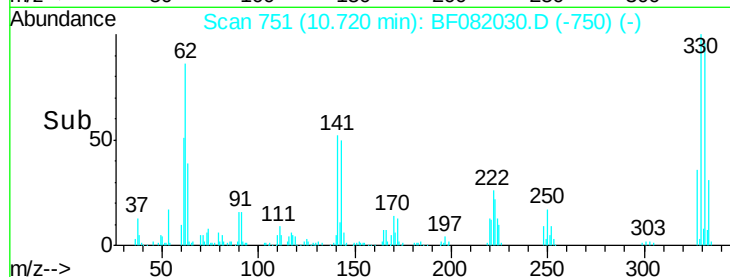
141 646.4 59.0 88.6#



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: BF082030.D

Acq: 3 Oct 2015 19:26

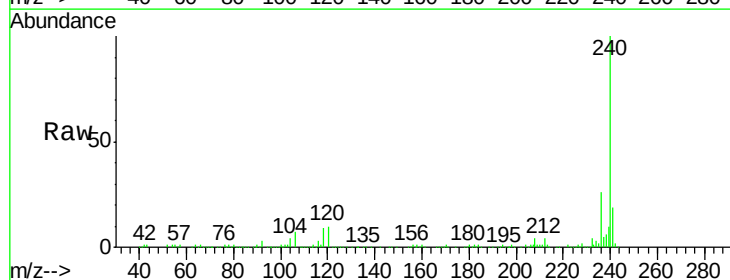
Tgt Ion:240 Resp: 342959

Ion Ratio Lower Upper

240 100

120 10.0 16.2 24.2#

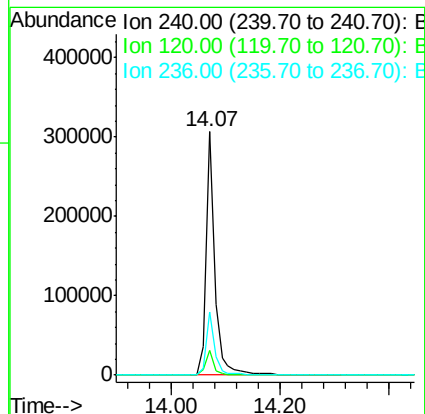
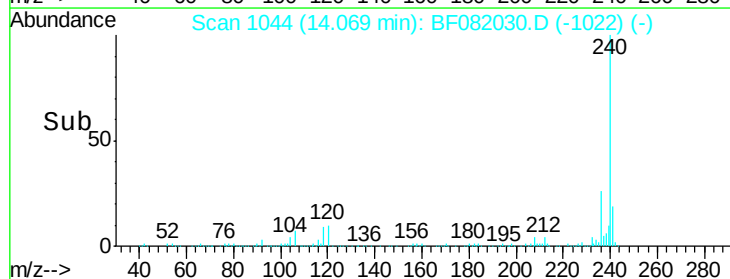
236 26.2 18.4 27.6

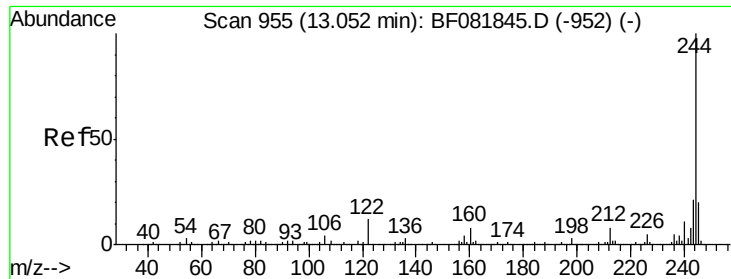


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

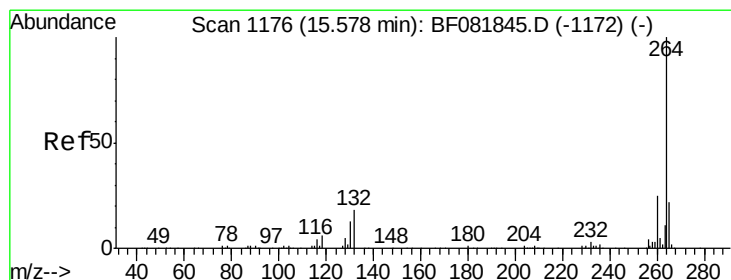
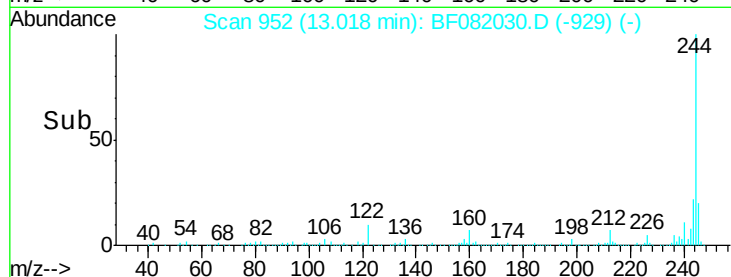
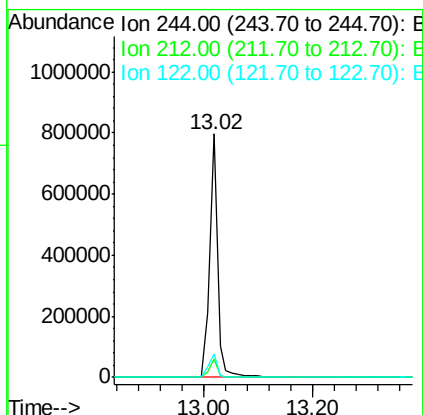
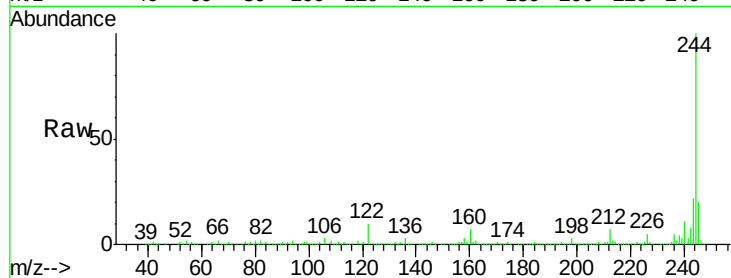




#78
 Terphenyl-d14
 Concen: 73.72 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082030.D
 Acq: 3 Oct 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9.5-10.0-092915

Tgt Ion:244 Resp: 812047
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 9.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF082030.D
 Acq: 3 Oct 2015 19:26

Tgt Ion:264 Resp: 251293
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 20.5 17.2 25.8

