

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081994.D
 Acq On : 2 Oct 2015 22:35
 Operator : UM/IZ
 Sample : G3886-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(51-53)

Quant Time: Oct 05 06:43:07 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

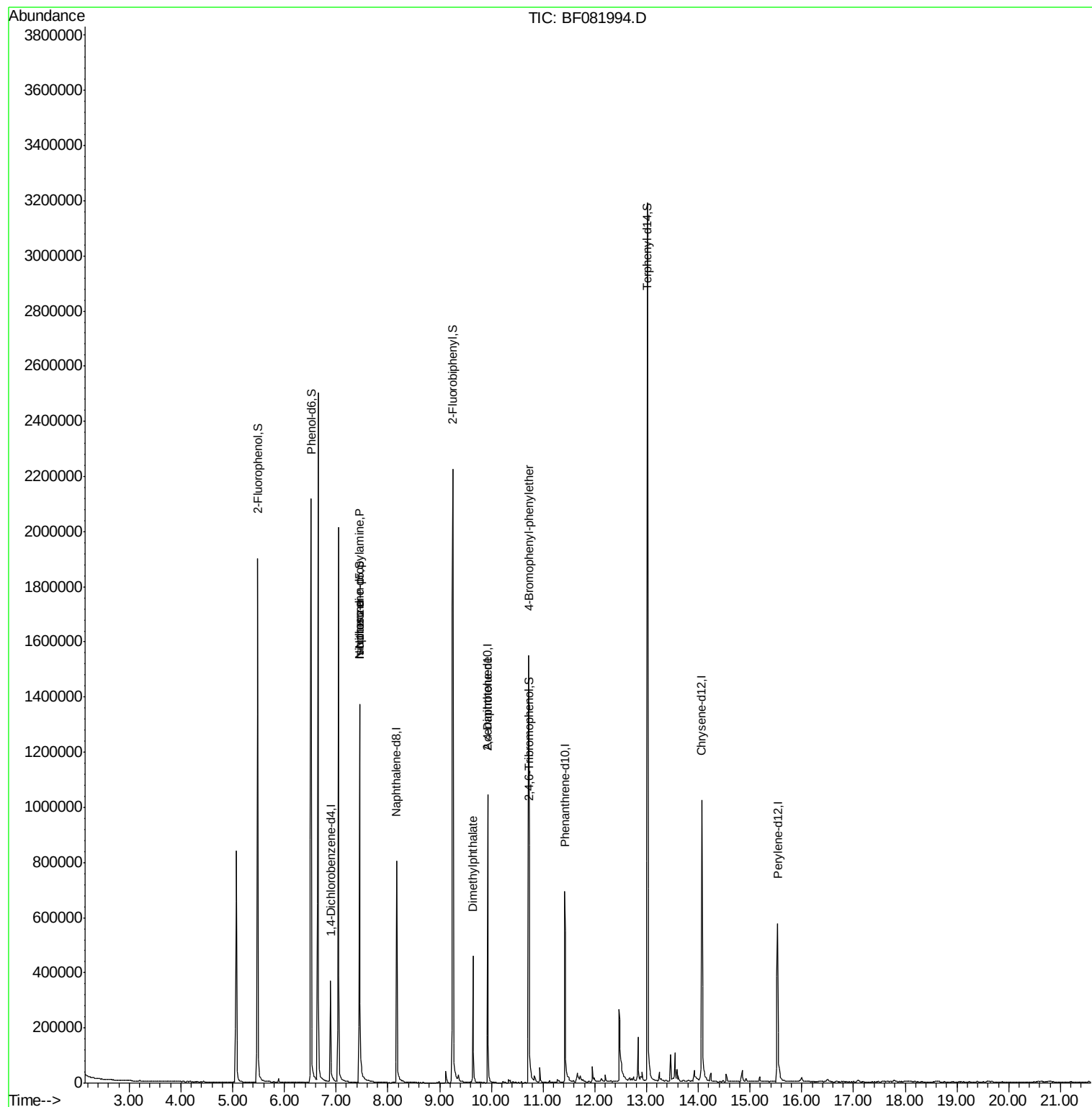
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	99005	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	420836	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	219639	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	440707	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	467843	20.00	ng	-0.05
86) Perylene-d12	15.53	264	370260	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	723254	132.61	ng	-0.03
7) Phenol-d6	6.51	99	877349	127.84	ng	-0.05
23) Nitrobenzene-d5	7.45	82	530534	84.04	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	267421	120.22	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1118117	85.23	ng	-0.05
78) Terphenyl-d14	13.02	244	1174061	79.65	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	67729	16.24	ng	# 58
25) Isophorone	7.45	82	480486	38.40	ng	# 58
49) Dimethylphthalate	9.65	163	211656	13.96	ng	# 98
56) 2,4-Dinitrotoluene	9.93	165	29056	6.92	ng	# 33
57) Fluorene	10.72	166	10447	Below	Cal	# 86
66) 4-Bromophenyl-phenylether	10.72	248	17025	3.83	ng	# 1
70) Phenanthrene	11.45	178	1685	Below	Cal	# 62
73) Di-n-butylphthalate	11.99	149	6838	Below	Cal	# 95

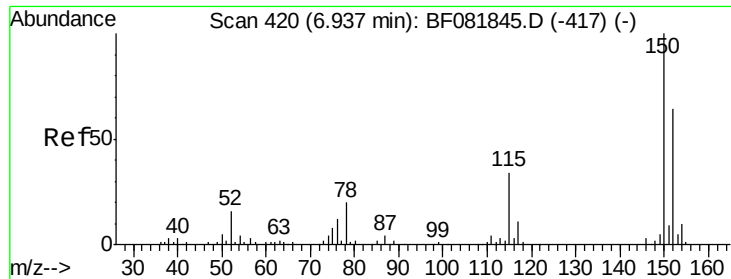
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081994.D

Acq: 2 Oct 2015 22:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(51-53)

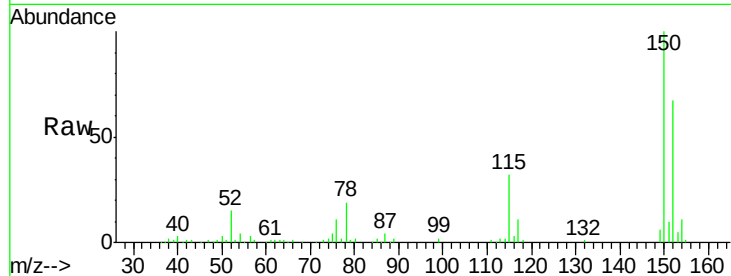
Tgt Ion:152 Resp: 99005

Ion Ratio Lower Upper

152 100

150 150.2 124.7 187.1

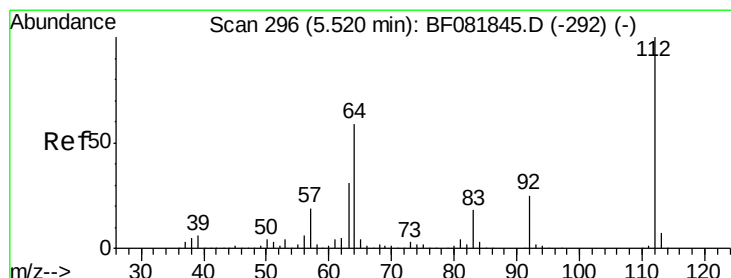
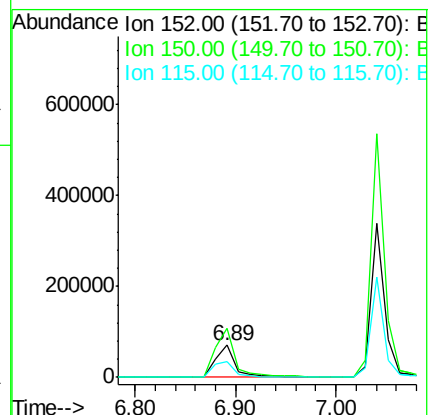
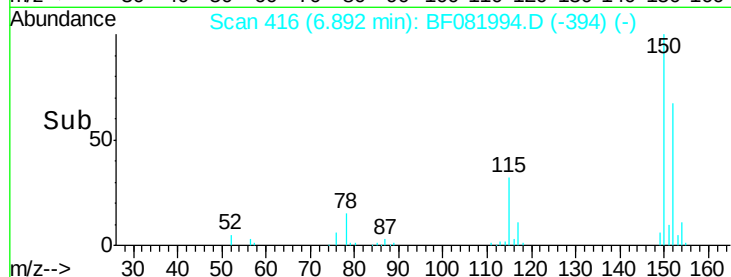
115 48.8 39.0 58.4



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: 132.61 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081994.D

Acq: 2 Oct 2015 22:35

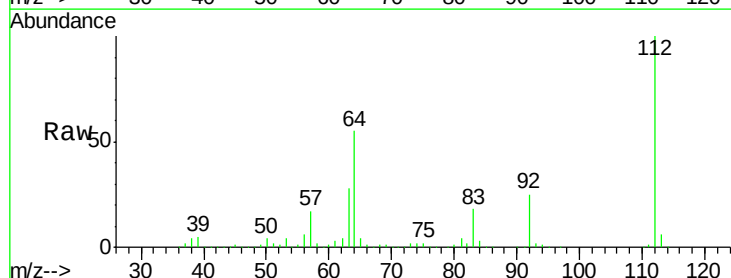
Tgt Ion:112 Resp: 723254

Ion Ratio Lower Upper

112 100

64 54.6 39.7 59.5

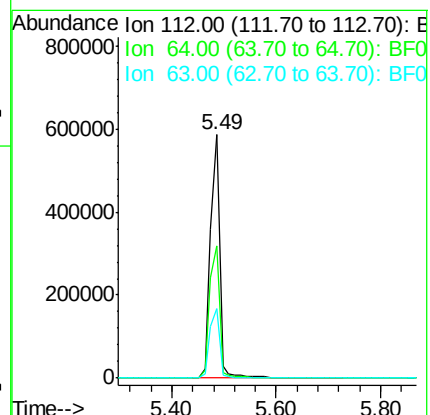
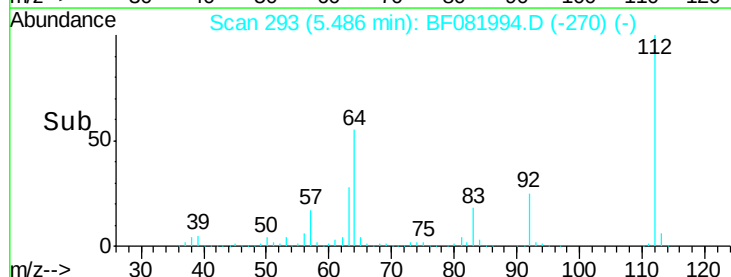
63 28.5 17.4 26.0#

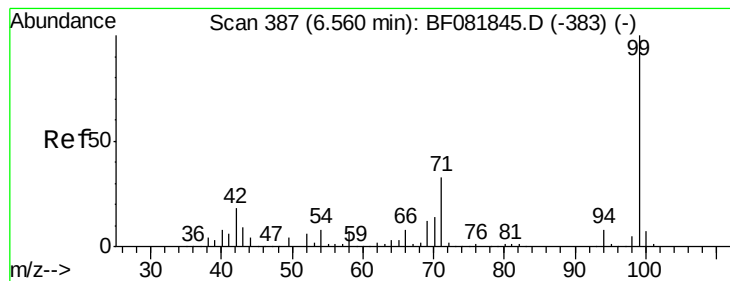


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.84 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081994.D

Acq: 2 Oct 2015 22:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(51-53)

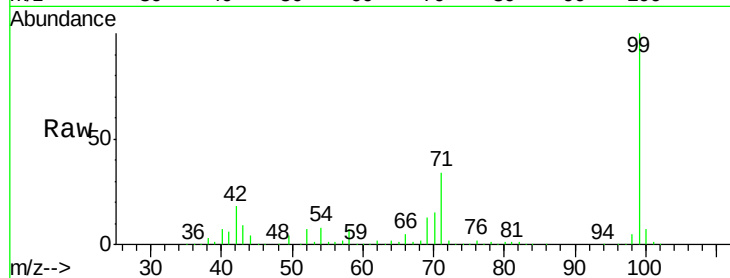
Tgt Ion: 99 Resp: 877349

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

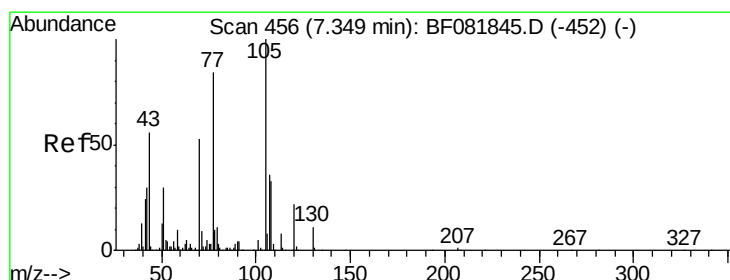
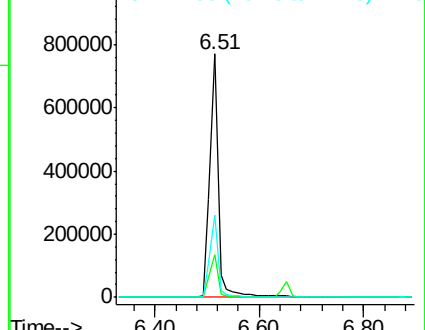
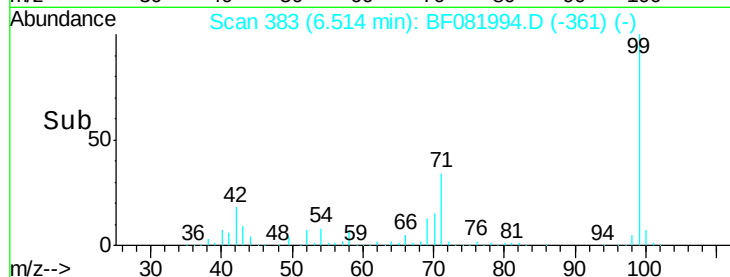
71 33.7 14.2 21.2#



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: 16.24 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF081994.D

Acq: 2 Oct 2015 22:35

Tgt Ion: 70 Resp: 67729

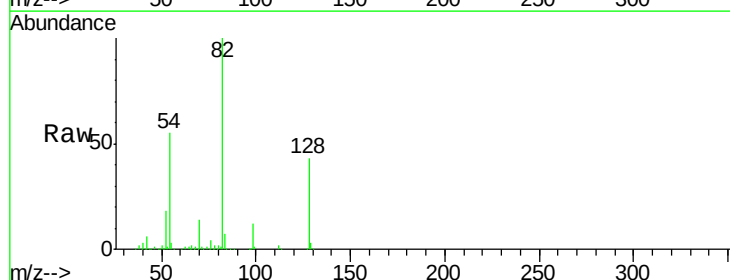
Ion Ratio Lower Upper

70 100

42 46.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

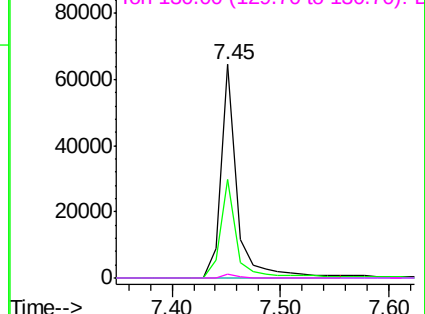
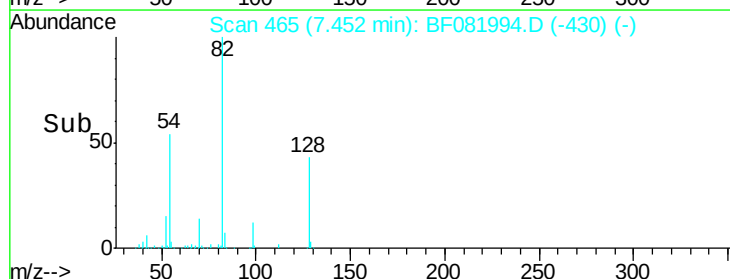


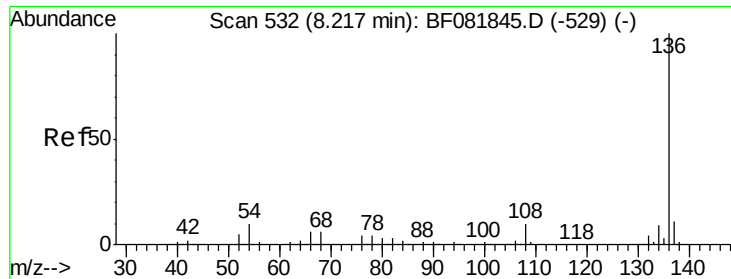
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

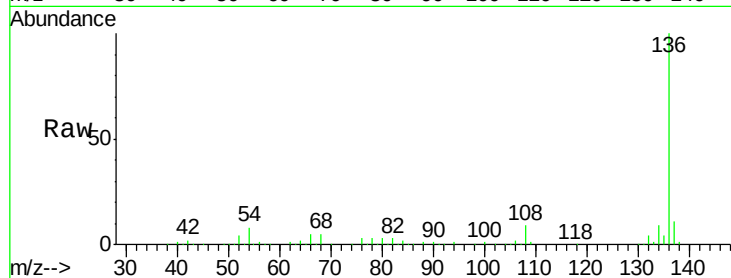




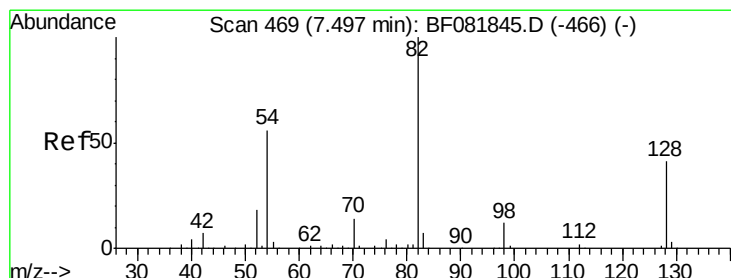
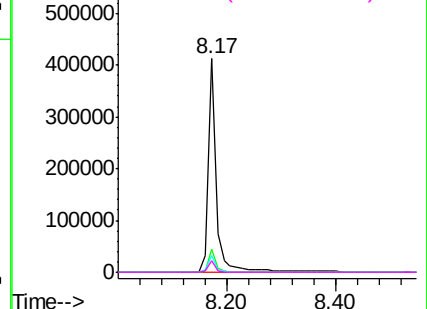
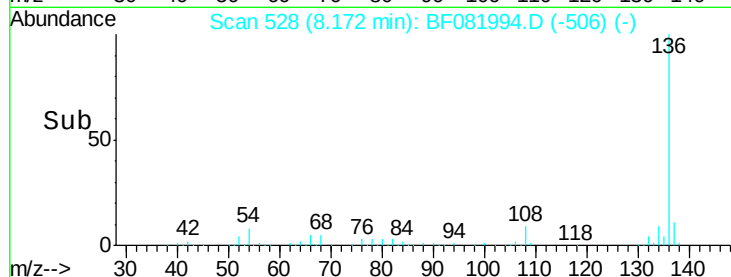
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081994.D
Acq: 2 Oct 2015 22:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(51-53)

Tgt Ion: 136 Resp: 420836
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.8 8.2 12.2#
68 5.3 5.8 8.6#

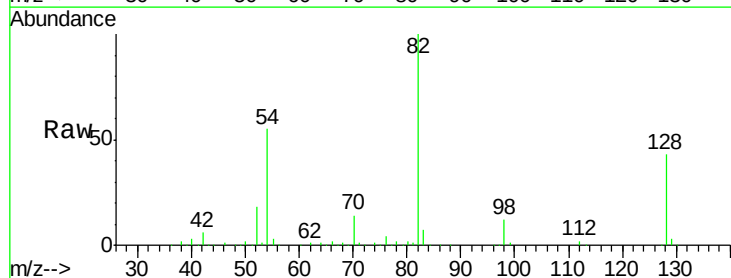


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

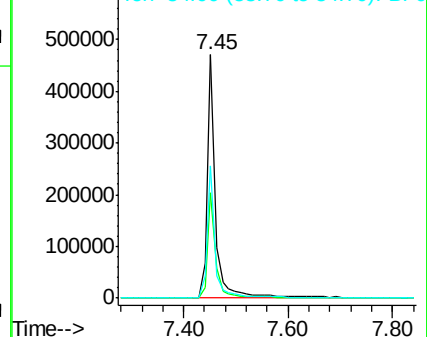
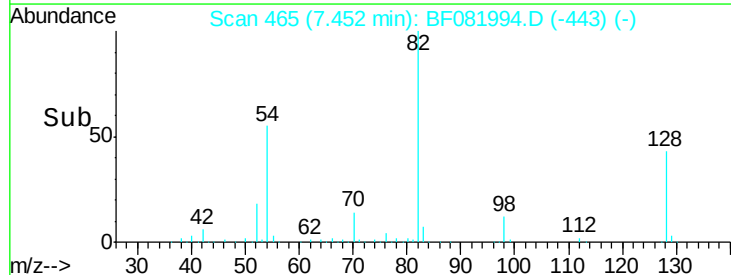


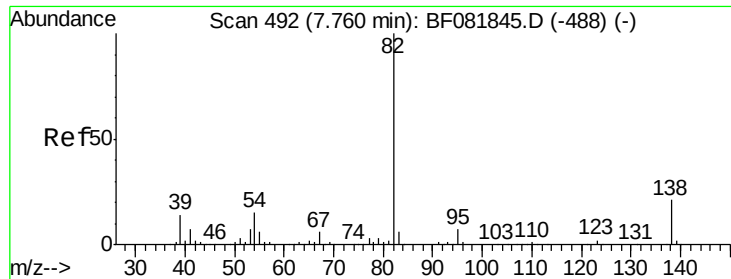
#23
Nitrobenzene-d5
Concen: 84.04 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF081994.D
Acq: 2 Oct 2015 22:35

Tgt Ion: 82 Resp: 530534
Ion Ratio Lower Upper
82 100
128 43.1 51.0 76.6#
54 54.6 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

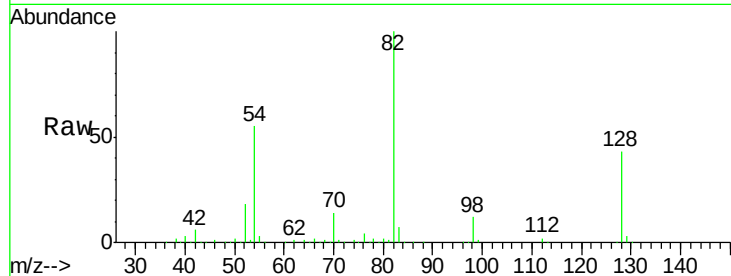




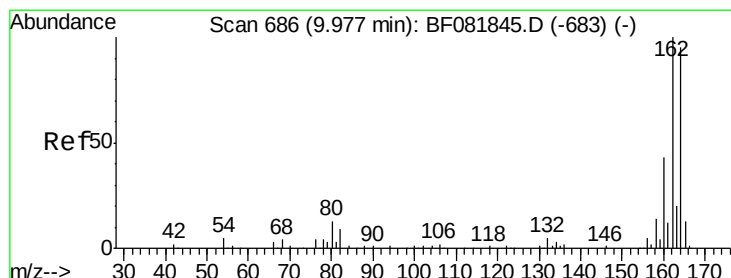
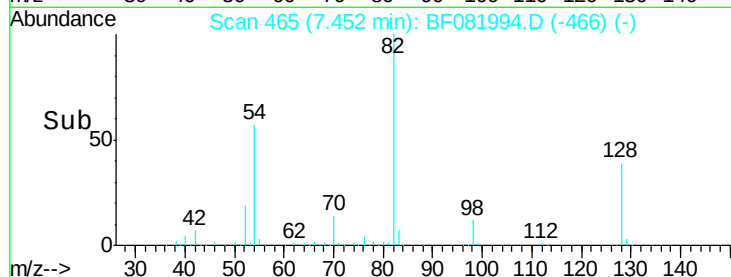
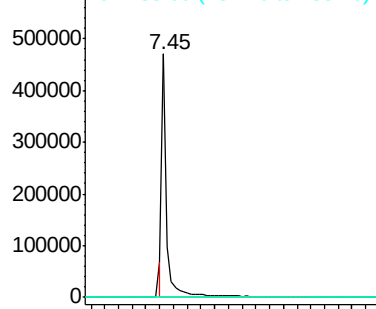
#25
Isophorone
Concen: 38.40 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.31 min
Lab File: BF081994.D
Acq: 2 Oct 2015 22:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(51-53)

Tgt Ion: 82 Resp: 480486
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#

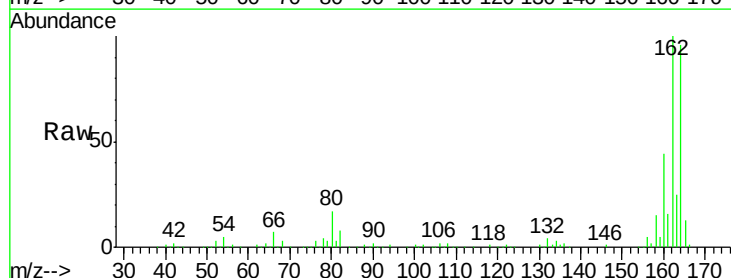


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

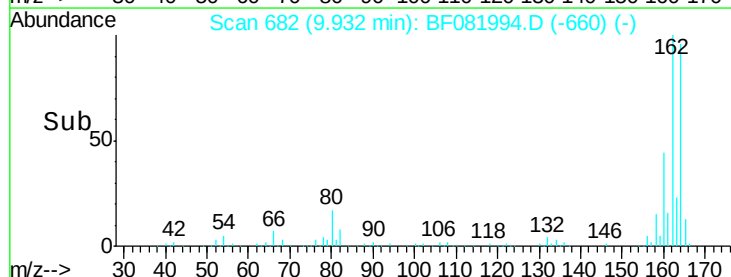
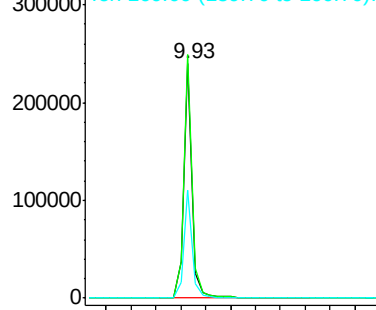


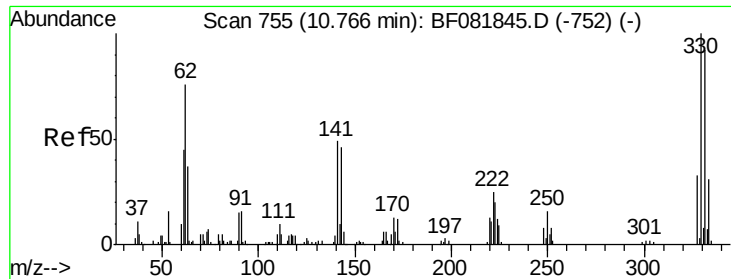
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081994.D
Acq: 2 Oct 2015 22:35

Tgt Ion: 164 Resp: 219639
Ion Ratio Lower Upper
164 100
162 103.9 75.2 112.8
160 46.0 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

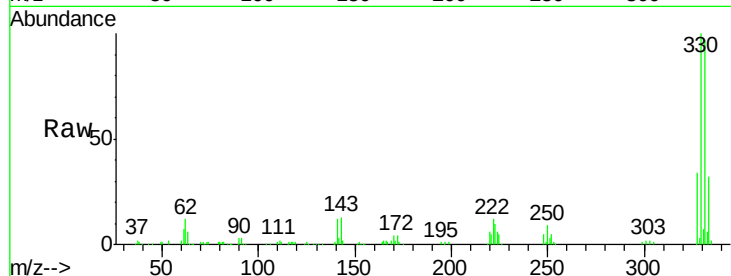




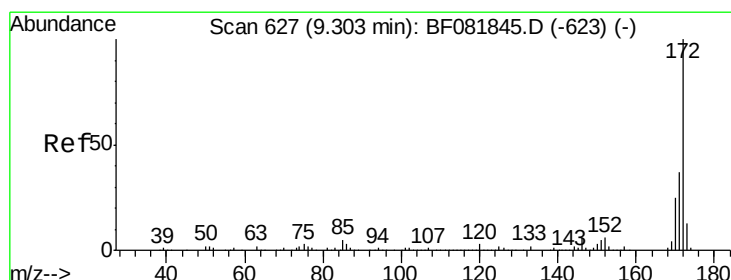
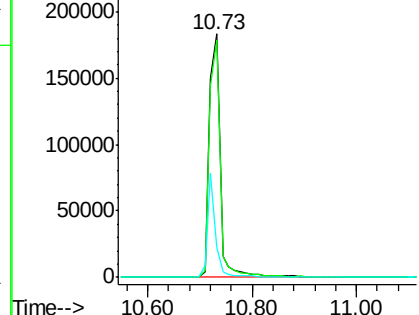
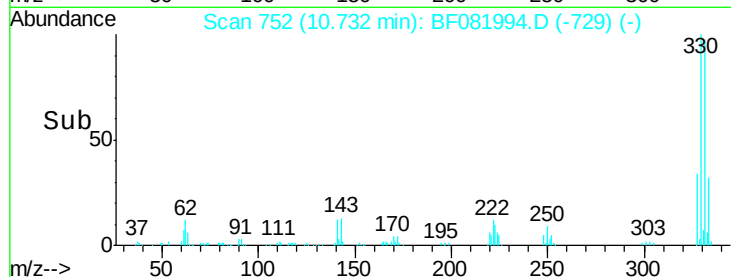
#41
 2,4,6-Tribromophenol
 Concen: 120.22 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081994.D
 Acq: 2 Oct 2015 22:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(51-53)

Tgt Ion: 330 Resp: 267421
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 31.9 29.7 44.5

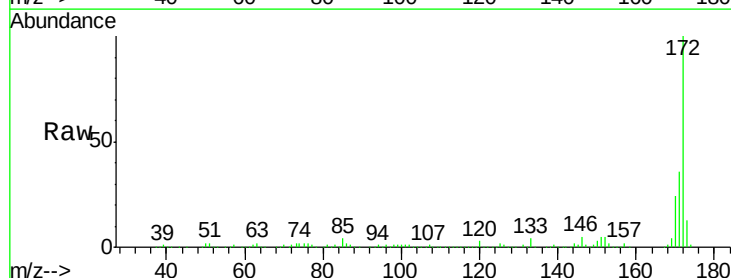


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

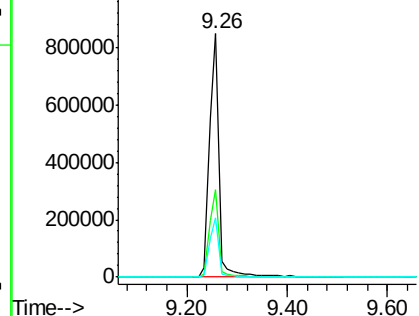
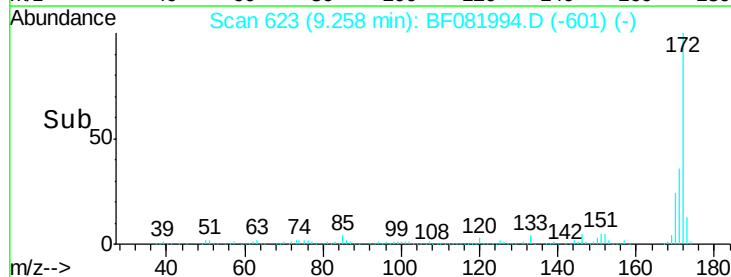


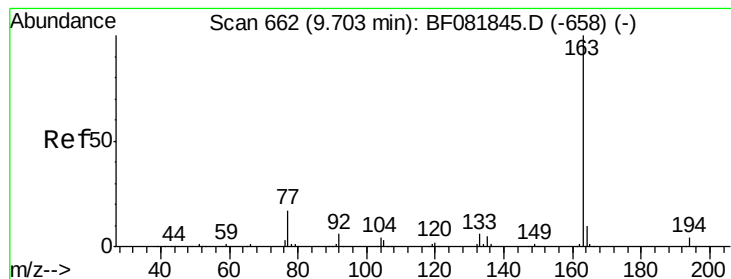
#44
 2-Fluorobiphenyl
 Concen: 85.23 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081994.D
 Acq: 2 Oct 2015 22:35

Tgt Ion: 172 Resp: 1118117
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.5 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: 13.96 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF081994.D

Acq: 2 Oct 2015 22:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(51-53)

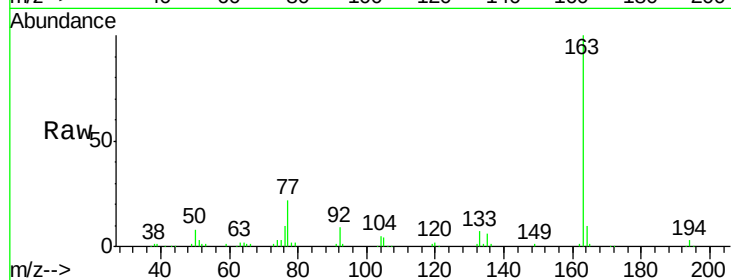
Tgt Ion:163 Resp: 211656

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

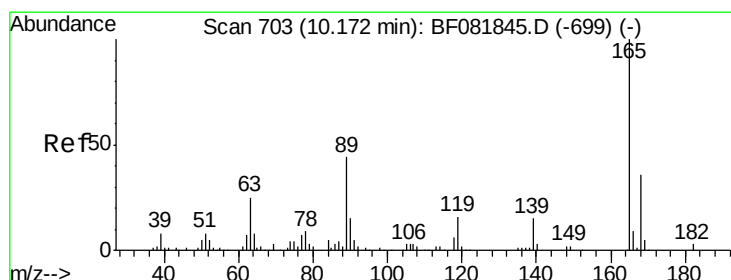
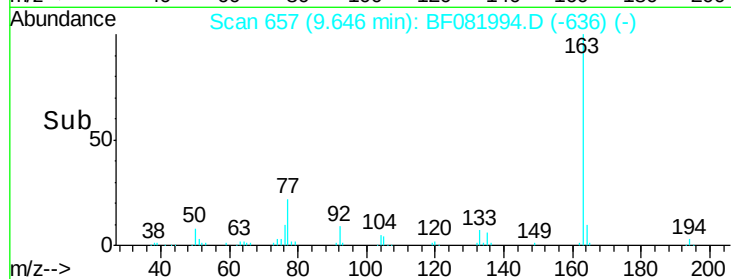
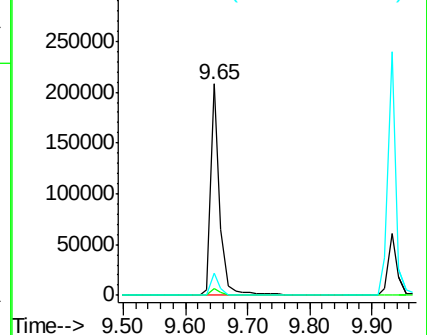
164 10.4 8.3 12.5



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: 6.92 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081994.D

Acq: 2 Oct 2015 22:35

Tgt Ion:165 Resp: 29056

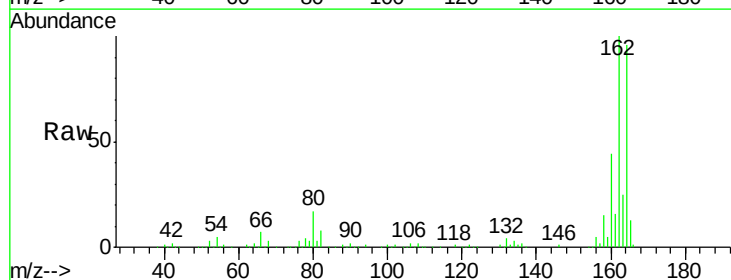
Ion Ratio Lower Upper

165 100

63 1.0 29.8 44.6#

89 1.2 44.5 66.7#

182 0.0 3.0 4.4#

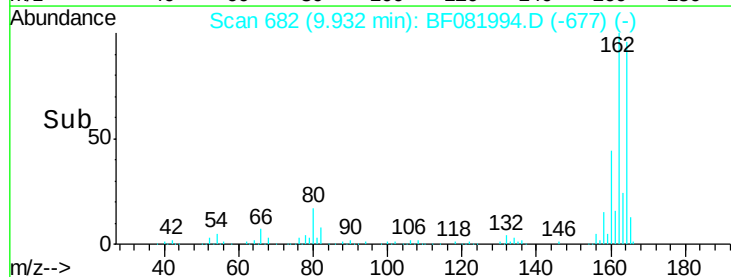
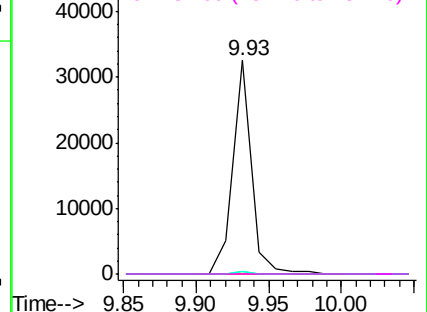


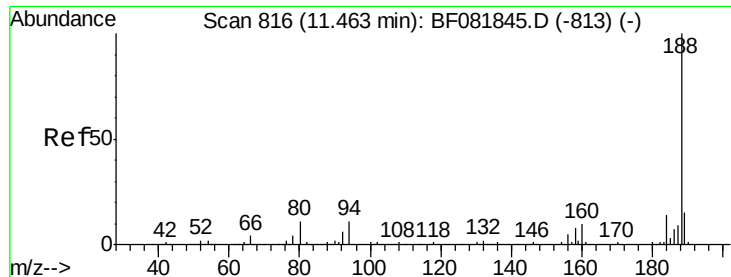
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

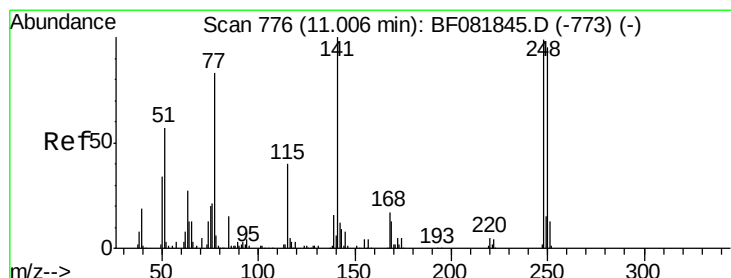
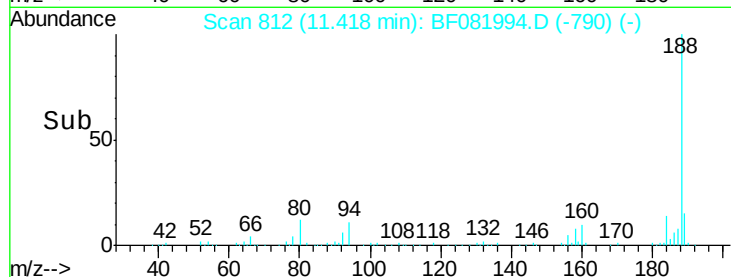
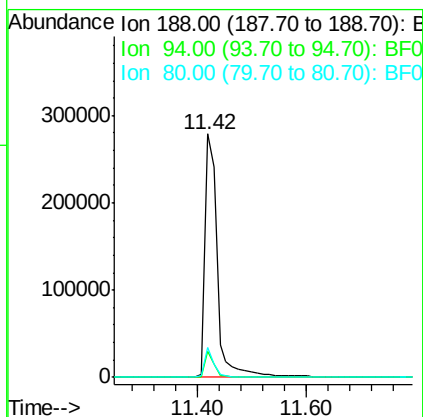
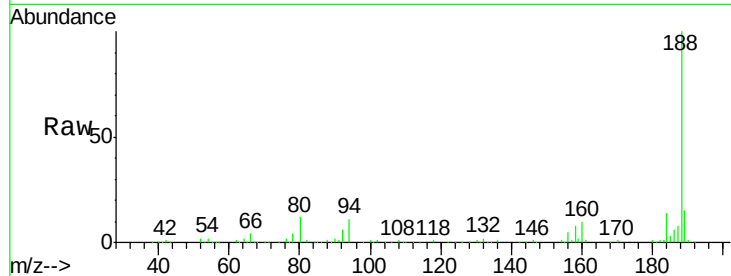




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081994.D
Acq: 2 Oct 2015 22:35

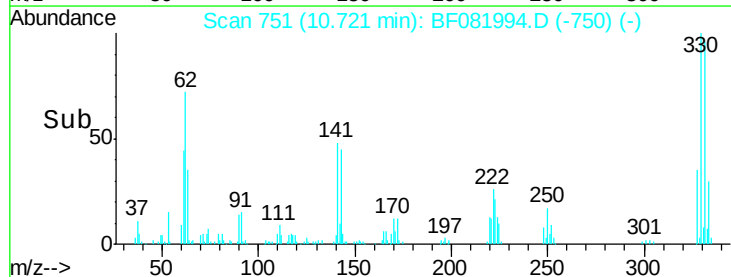
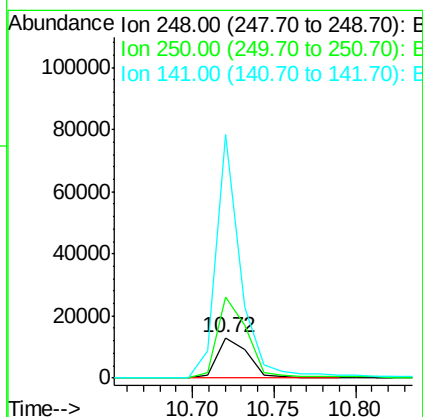
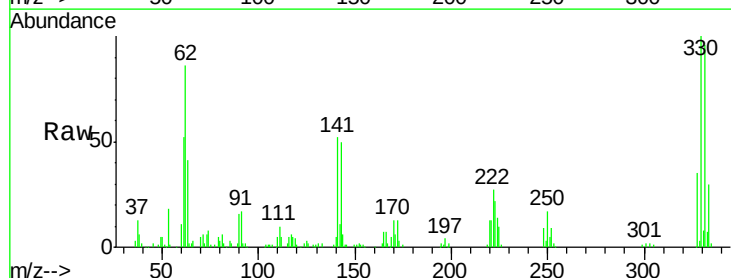
Instrument :
BNA_F
ClientSampleId :
OS-SB-24(51-53)

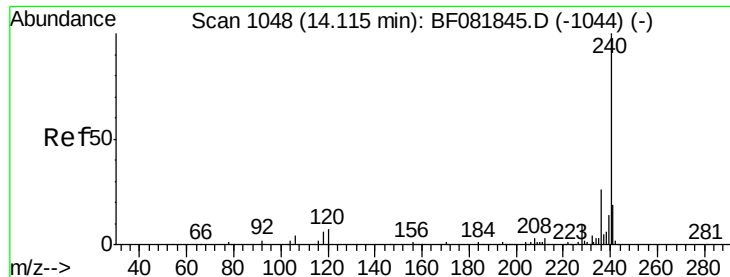
Tgt Ion:188 Resp: 440707
Ion Ratio Lower Upper
188 100
94 10.9 11.1 16.7#
80 12.0 11.0 16.4



#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF081994.D
Acq: 2 Oct 2015 22:35

Tgt Ion:248 Resp: 17025
Ion Ratio Lower Upper
248 100
250 199.9 78.5 117.7#
141 601.3 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: BF081994.D

Acq: 2 Oct 2015 22:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(51-53)

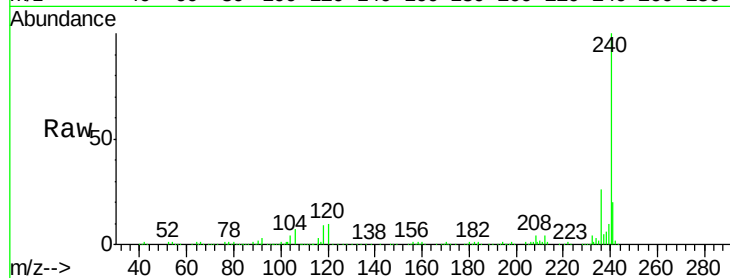
Tgt Ion:240 Resp: 467843

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

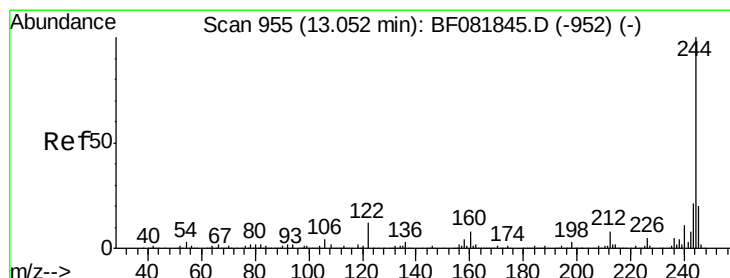
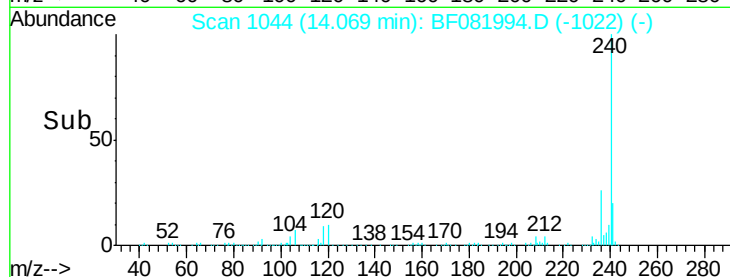
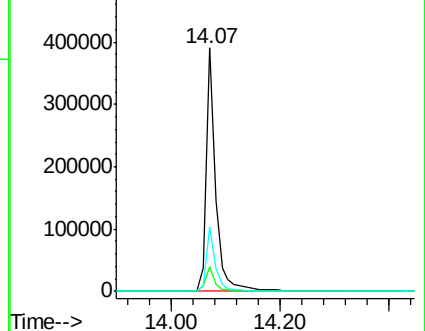
236 26.3 18.4 27.6



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: 79.65 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF081994.D

Acq: 2 Oct 2015 22:35

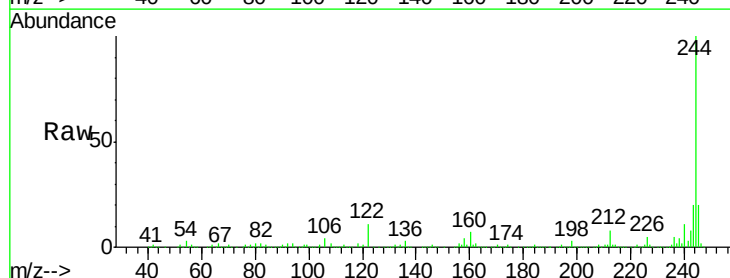
Tgt Ion:244 Resp: 1174061

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

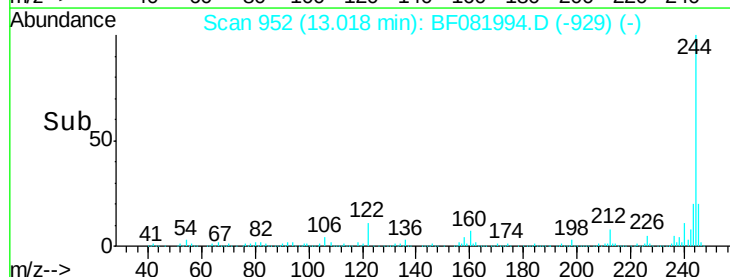
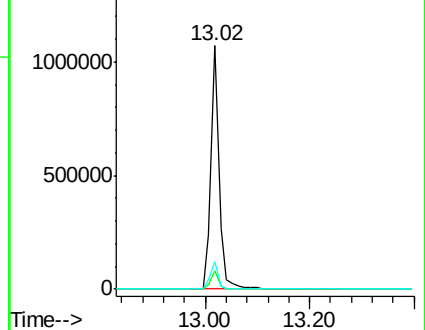
122 11.3 17.4 26.2#

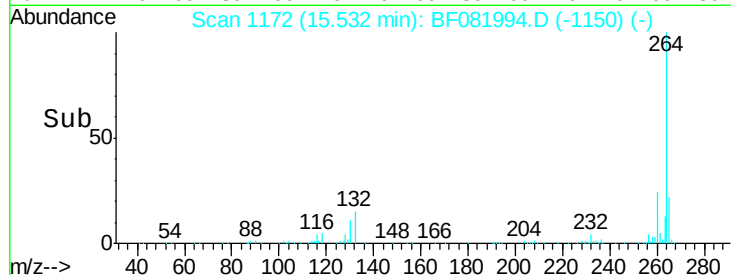
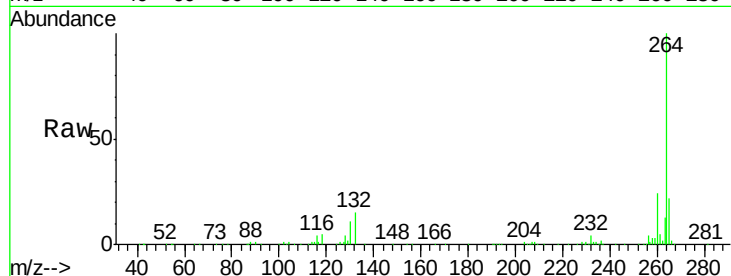
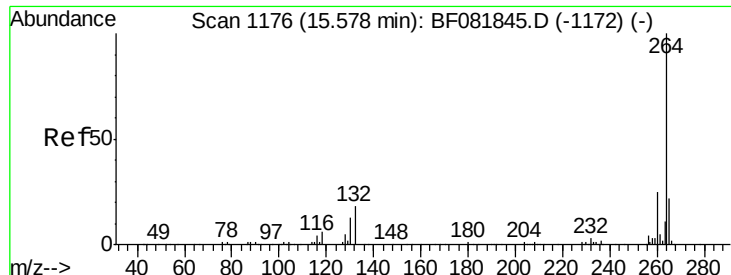


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081994.D
Acq: 2 Oct 2015 22:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(51-53)

Tgt Ion:	264	Resp:	370260
Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.9	17.2	25.8

