

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082060.D
 Acq On : 5 Oct 2015 23:00
 Operator : UM/IZ
 Sample : G3891-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-6(0-2)

Quant Time: Oct 06 01:26:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

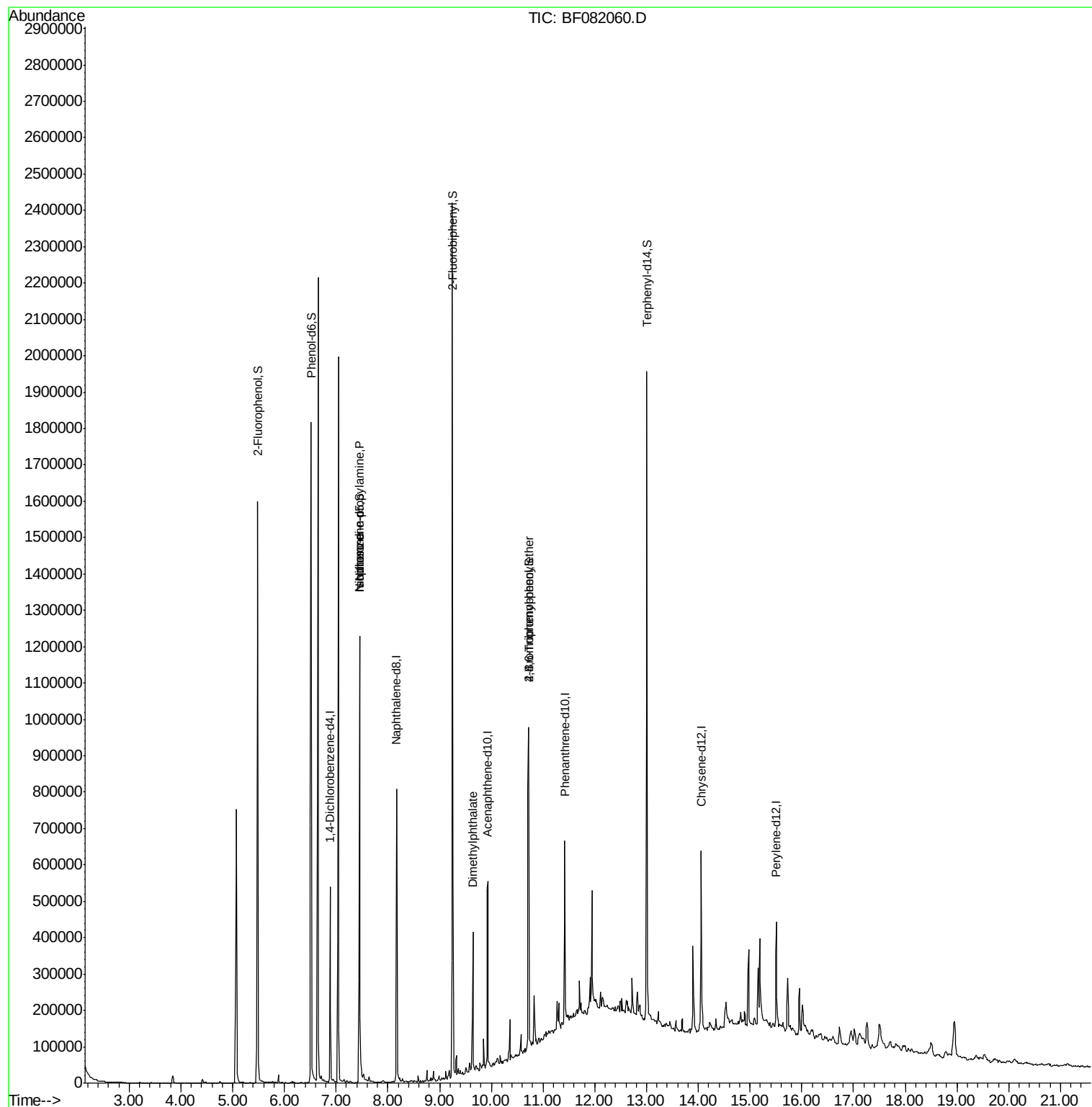
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	95009	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	376650	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	157454	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	259713	20.00	ng	0.00
75) Chrysene-d12	14.06	240	234102	20.00	ng	0.00
86) Perylene-d12	15.51	264	168116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	610838	116.71	ng	0.01
7) Phenol-d6	6.51	99	706785	107.32	ng	0.00
23) Nitrobenzene-d5	7.45	82	451906	79.98	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	164943	103.44	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	805615	85.77	ng	0.00
78) Terphenyl-d14	13.01	244	715281	105.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	59294	14.81	ng	# 58
25) Isophorone	7.45	82	379564	33.89	ng	# 58
49) Dimethylphthalate	9.65	163	172084	15.83	ng	# 97
57) Fluorene	10.47	166	1317	Below Cal		# 45
66) 4-Bromophenyl-phenylether	10.72	248	10710	4.09	ng	# 1
70) Phenanthrene	11.44	178	11178	Below Cal		# 85
73) Di-n-butylphthalate	11.98	149	4621	Below Cal		# 69

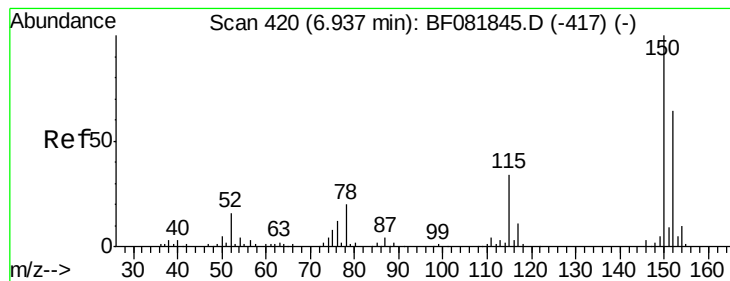
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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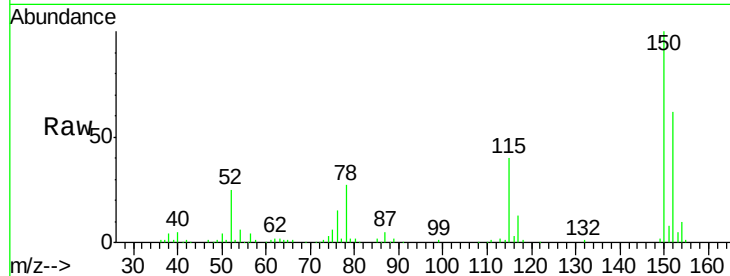




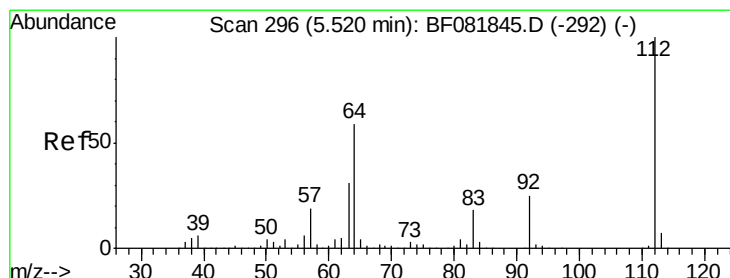
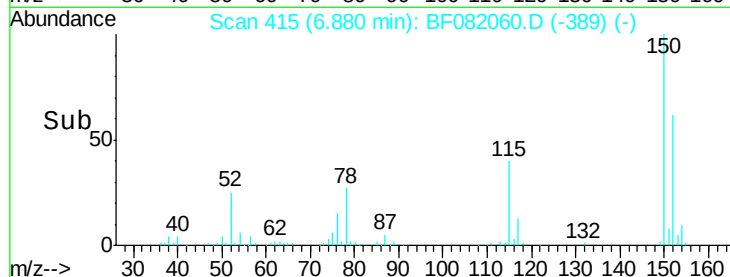
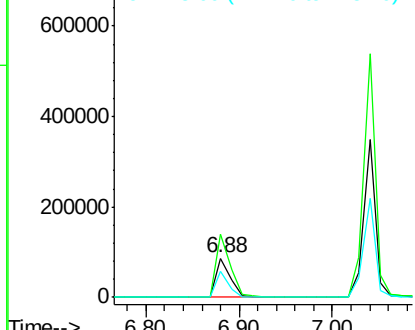
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF082060.D
 Acq: 5 Oct 2015 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SS-6(0-2)

Tgt Ion:152 Resp: 95009
 Ion Ratio Lower Upper
 152 100
 150 162.0 124.7 187.1
 115 65.3 39.0 58.4#

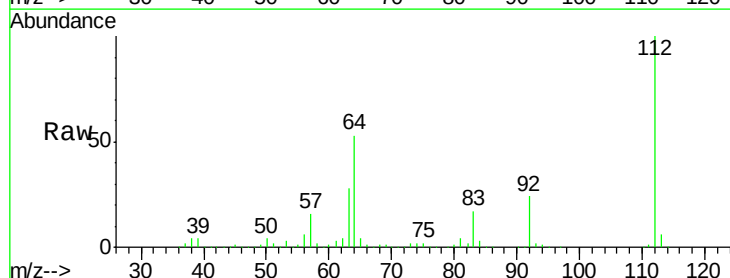


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

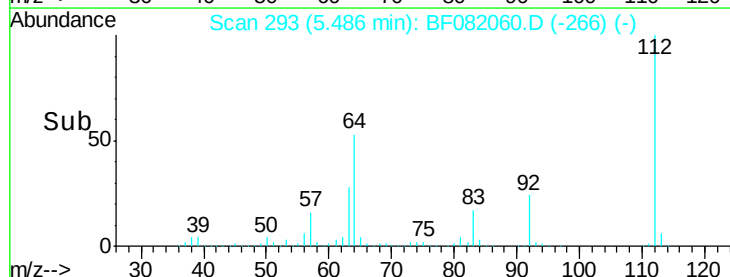
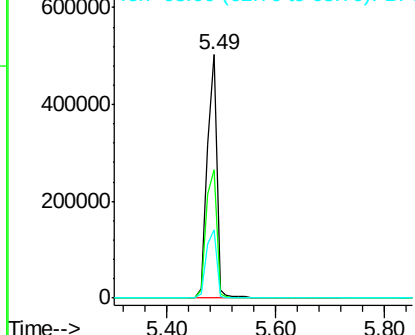


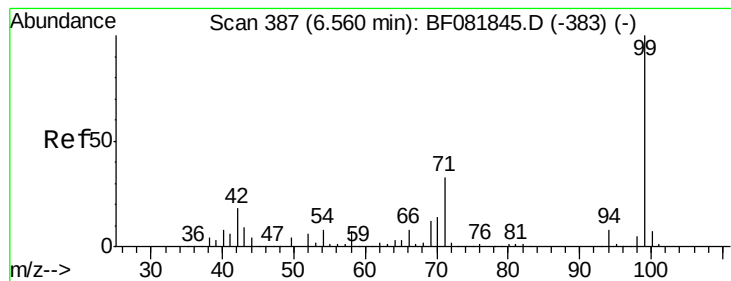
#5
 2-Fluorophenol
 Concen: 116.71 ng
 RT: 5.49 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BF082060.D
 Acq: 5 Oct 2015 23:00

Tgt Ion:112 Resp: 610838
 Ion Ratio Lower Upper
 112 100
 64 52.8 39.7 59.5
 63 27.9 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: 107.32 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082060.D

Acq: 5 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

SS-6(0-2)

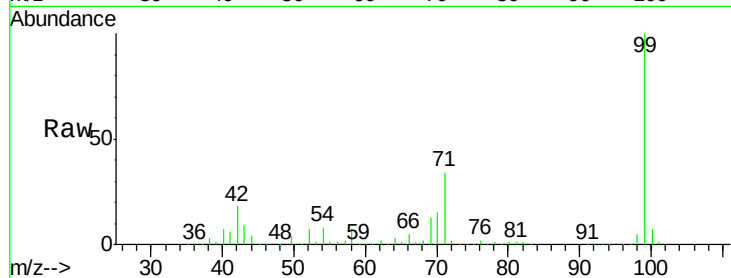
Tgt Ion: 99 Resp: 706785

Ion Ratio Lower Upper

99 100

42 18.0 13.7 20.5

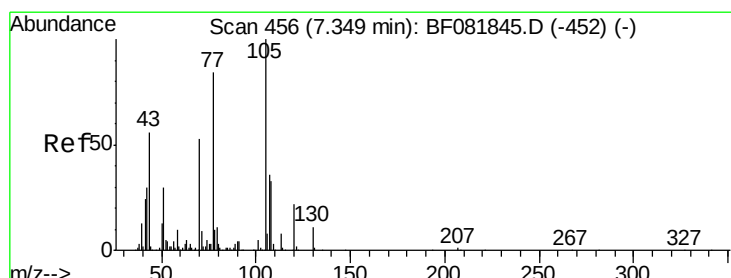
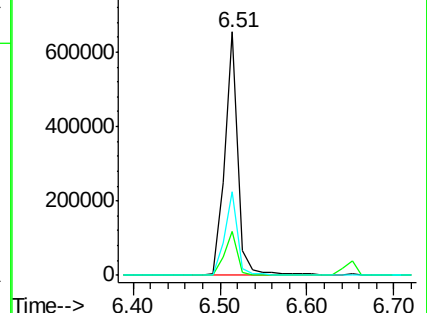
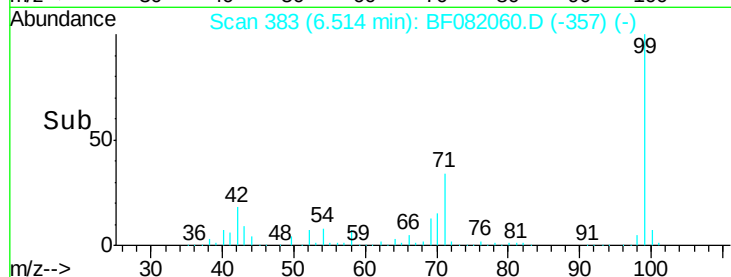
71 34.3 14.2 21.2#



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: 14.81 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.15 min

Lab File: BF082060.D

Acq: 5 Oct 2015 23:00

Tgt Ion: 70 Resp: 59294

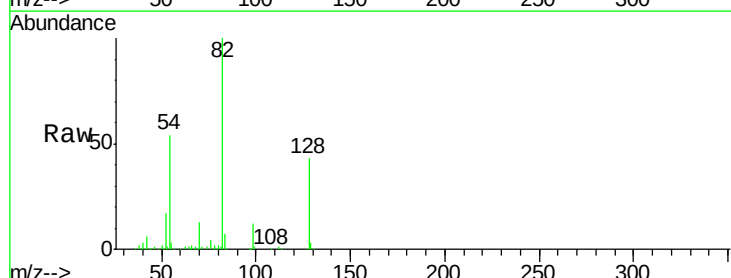
Ion Ratio Lower Upper

70 100

42 46.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

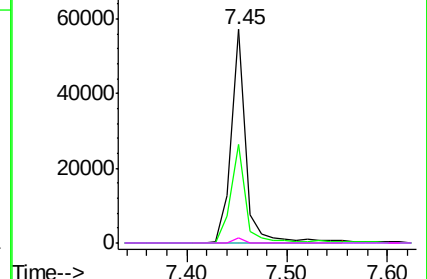
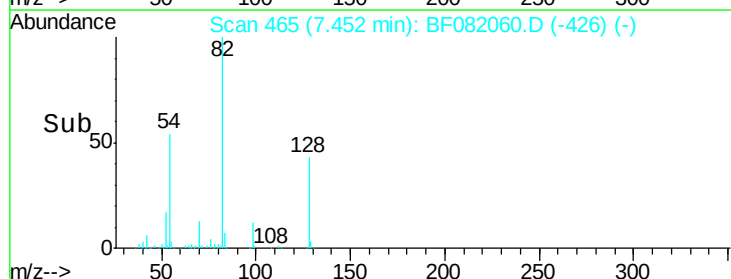


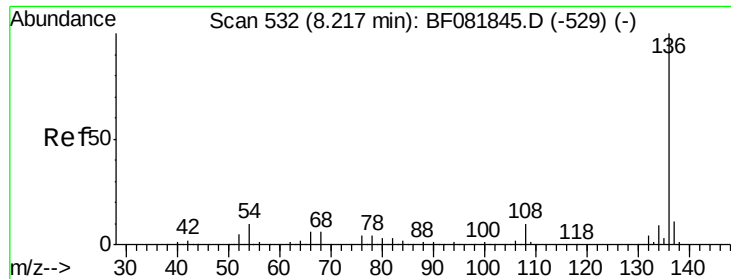
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

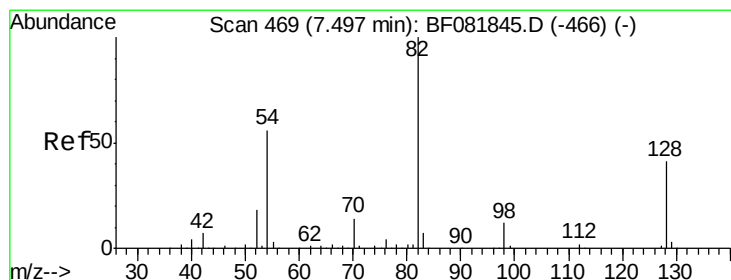
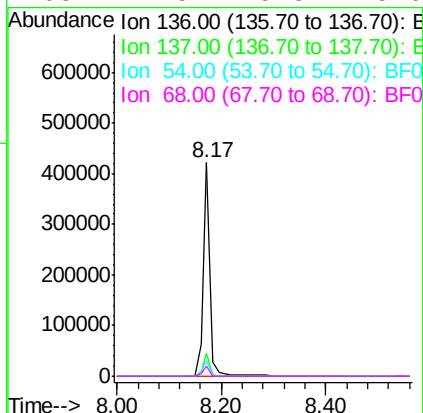
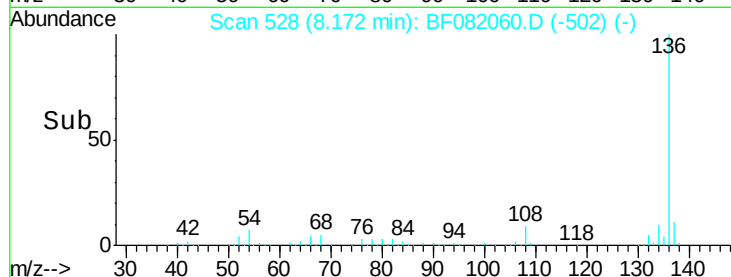
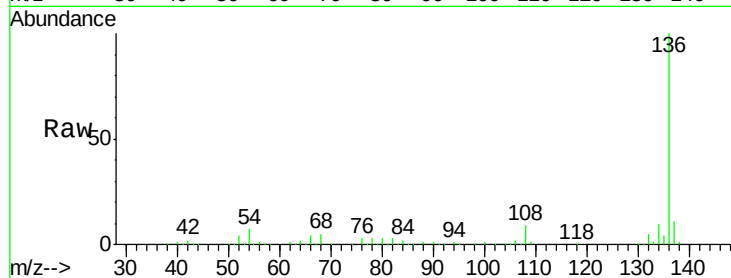




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082060.D
Acq: 5 Oct 2015 23:00

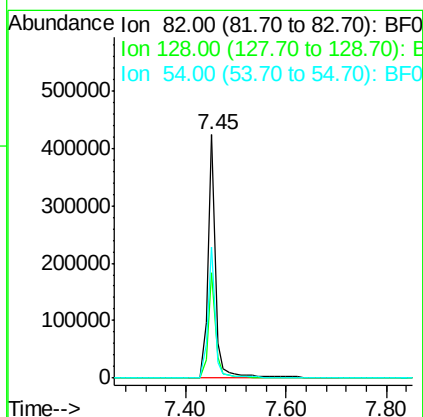
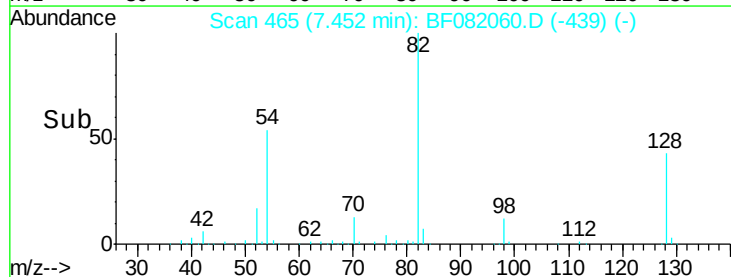
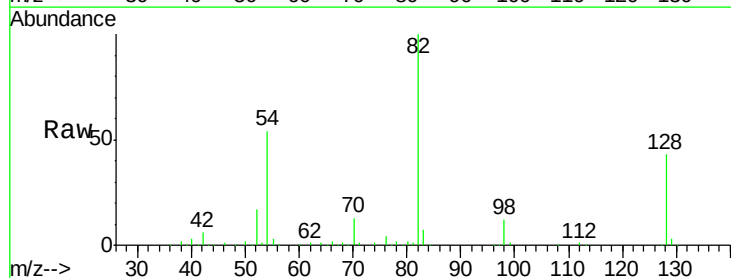
Instrument :
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SS-6(0-2)

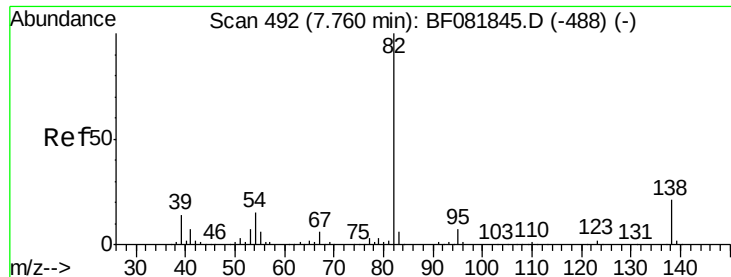
Tgt Ion: 136 Resp: 376650
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.0 8.2 12.2#
68 4.5 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 79.98 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082060.D
Acq: 5 Oct 2015 23:00

Tgt Ion: 82 Resp: 451906
Ion Ratio Lower Upper
82 100
128 43.4 51.0 76.6#
54 53.9 47.5 71.3





#25

Isophorone

Concen: 33.89 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF082060.D

Acq: 5 Oct 2015 23:00

Instrument :

BNA_F

ClientSampleId :

SS-6(0-2)

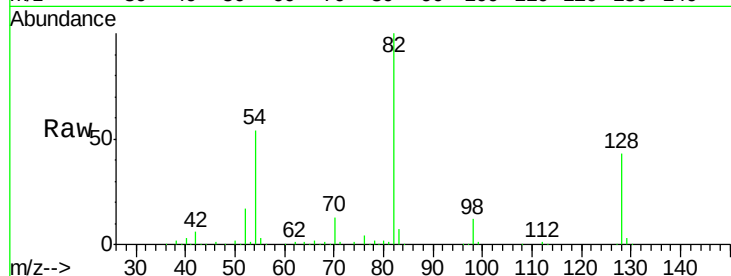
Tgt Ion: 82 Resp: 379564

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

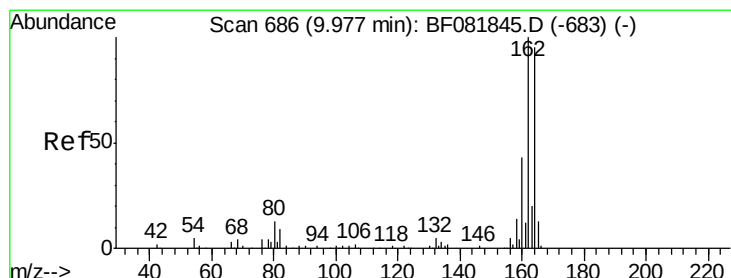
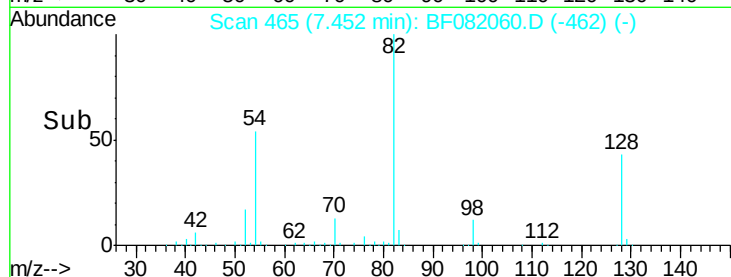
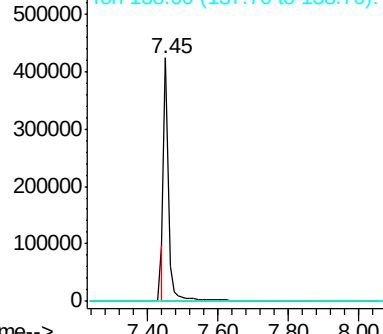
138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF082060.D

Acq: 5 Oct 2015 23:00

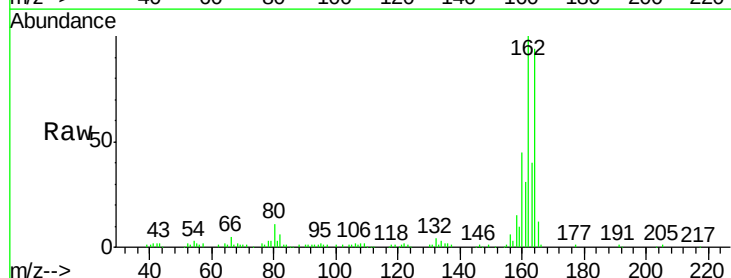
Tgt Ion: 164 Resp: 157454

Ion Ratio Lower Upper

164 100

162 106.2 75.2 112.8

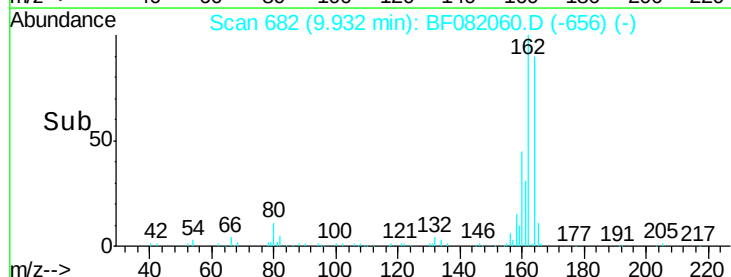
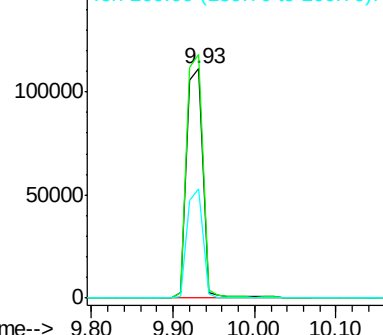
160 47.5 31.5 47.3#

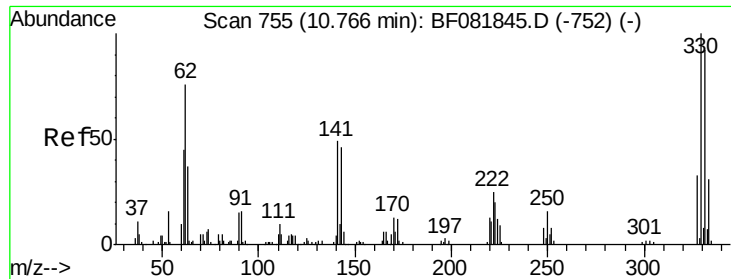


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

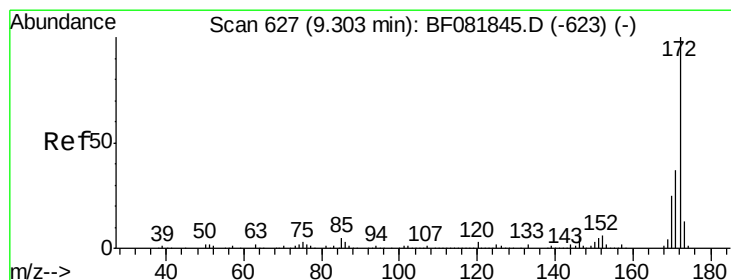
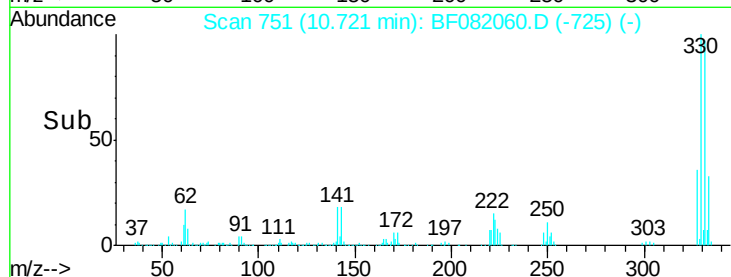
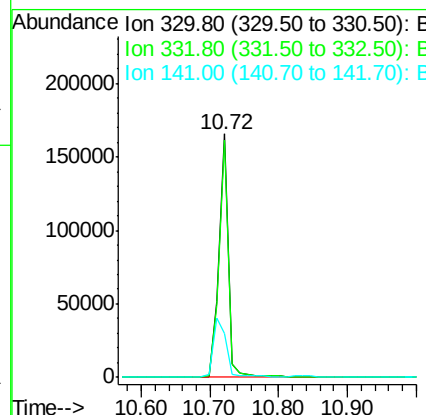
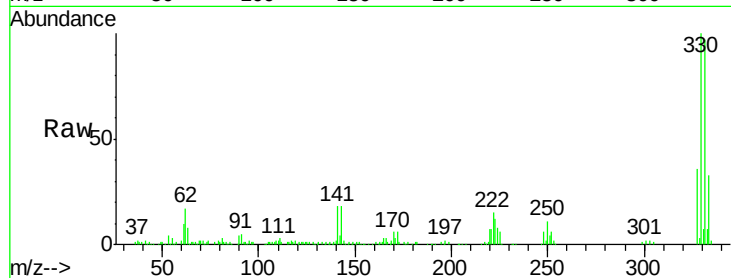




#41
 2,4,6-Tribromophenol
 Concen: 103.44 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082060.D
 Acq: 5 Oct 2015 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SS-6(0-2)

Tgt Ion:330 Resp: 164943
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 31.7 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 85.77 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082060.D
 Acq: 5 Oct 2015 23:00

Tgt Ion:172 Resp: 805615
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.9 17.4 26.2

