

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081857.D
 Acq On : 28 Sep 2015 22:17
 Operator : UM/IZ
 Sample : G3778-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S39-9002

Quant Time: Sep 29 02:21:47 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

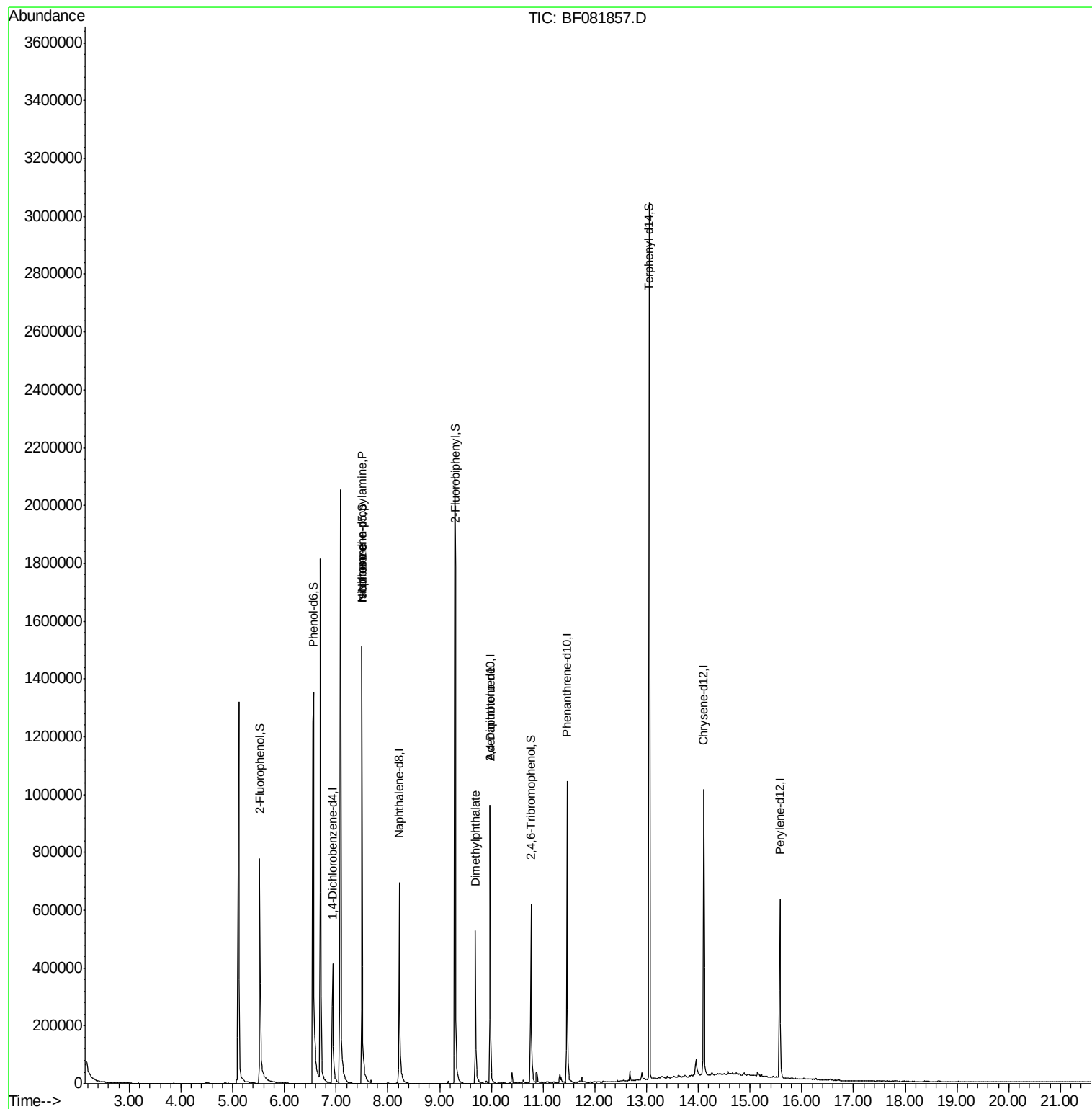
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	112540	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	452939	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	219459	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	421208	20.00	ng	0.00
75) Chrysene-d12	14.10	240	384412	20.00	ng	-0.01
86) Perylene-d12	15.58	264	318604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	351713	56.73	ng	0.00
7) Phenol-d6	6.56	99	929279	119.12	ng	0.00
23) Nitrobenzene-d5	7.50	82	615180	90.54	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	104630	47.08	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1088707	82.55	ng	0.00
78) Terphenyl-d14	13.05	244	963459	79.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	80597	17.00	ng	# 58
25) Isophorone	7.50	82	556256	41.30	ng	# 58
49) Dimethylphthalate	9.69	163	294466	19.44	ng	# 97
56) 2,4-Dinitrotoluene	9.98	165	27309	6.51	ng	# 32
57) Fluorene	10.53	166	691	Below	Cal	# 92
70) Phenanthrene	11.49	178	12914	Below	Cal	# 96
73) Di-n-butylphthalate	12.02	149	1678	Below	Cal	# 78

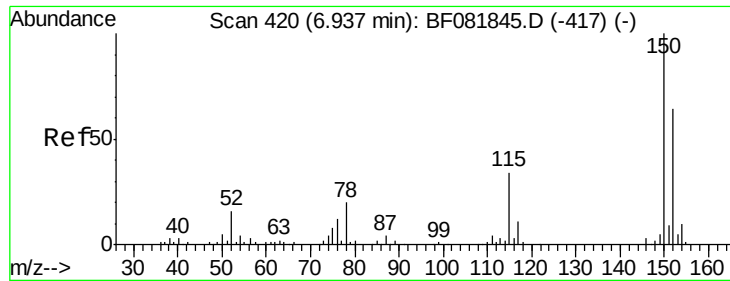
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081857.D

Acq: 28 Sep 2015 22:17

Instrument :

BNA_F

ClientSampleId :

S39-9002

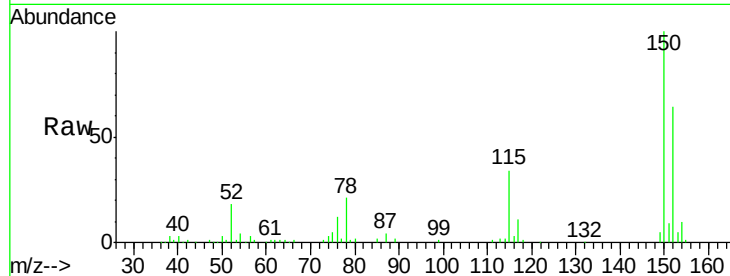
Tgt Ion:152 Resp: 112540

Ion Ratio Lower Upper

152 100

150 155.5 124.7 187.1

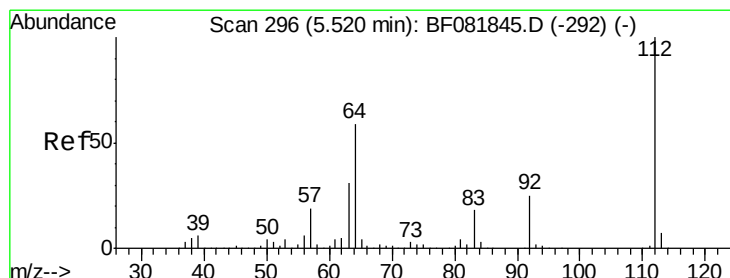
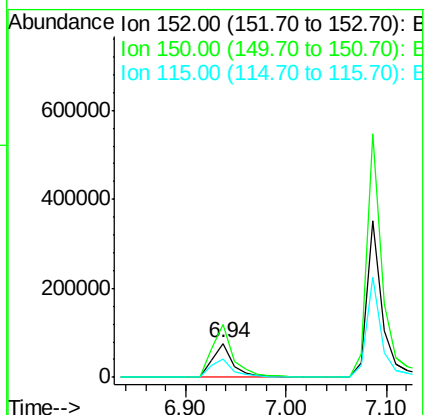
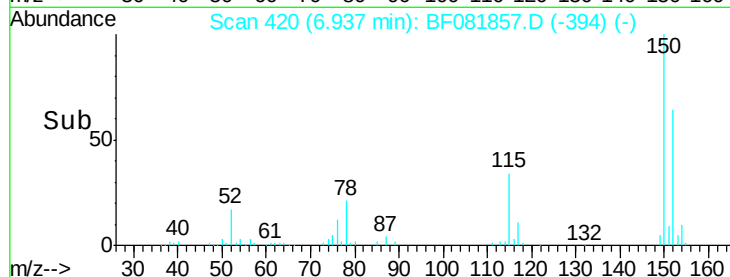
115 53.5 39.0 58.4



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: 56.73 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081857.D

Acq: 28 Sep 2015 22:17

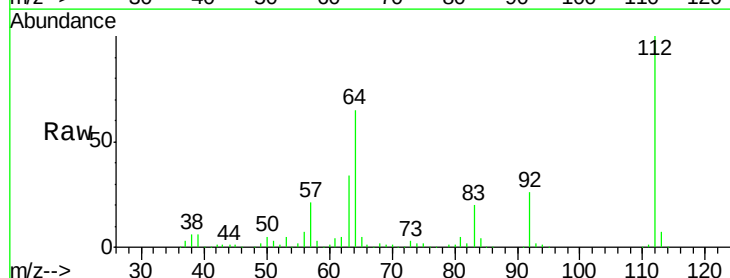
Tgt Ion:112 Resp: 351713

Ion Ratio Lower Upper

112 100

64 64.8 39.7 59.5#

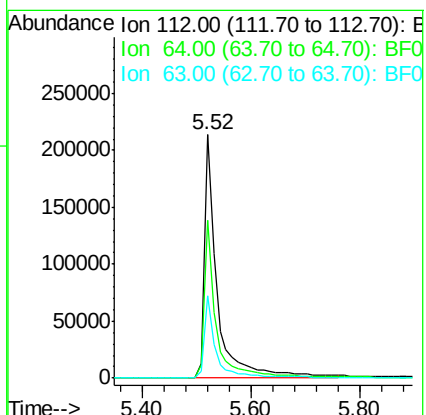
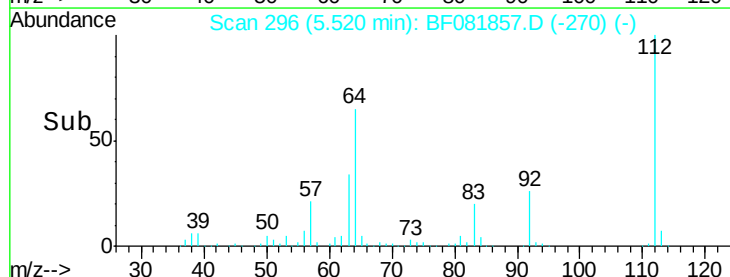
63 33.6 17.4 26.0#

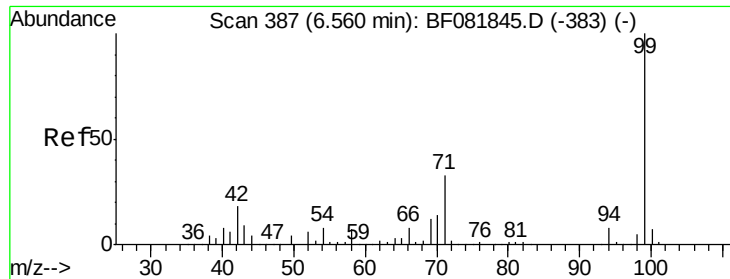


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.12 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081857.D

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Instrument :

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ClientSampleId :

S39-9002

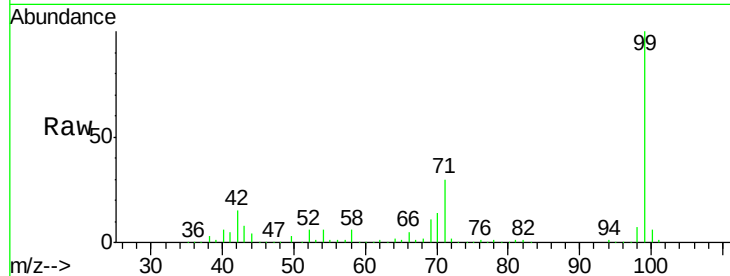
Tgt Ion: 99 Resp: 929279

Ion Ratio Lower Upper

99 100

42 14.9 13.7 20.5

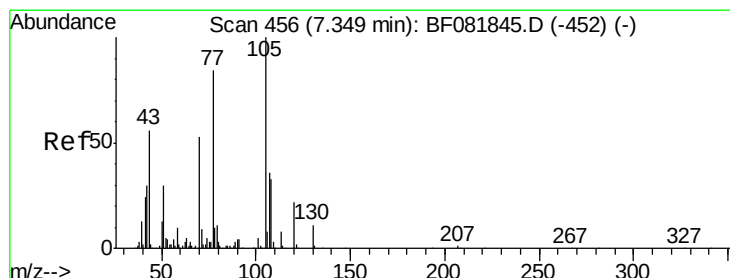
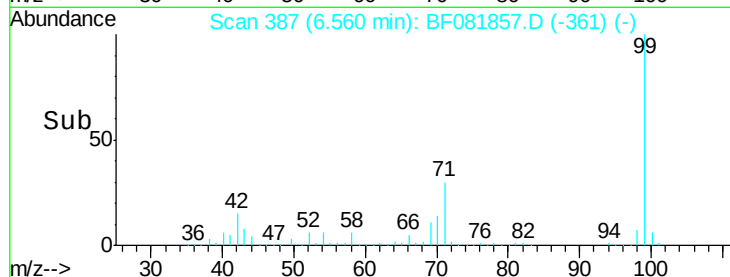
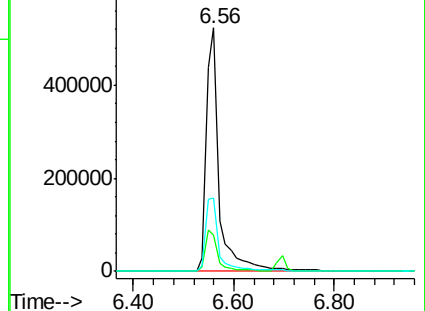
71 30.2 14.2 21.2#



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: 17.00 ng

RT: 7.50 min Scan# 469

Delta R.T. 0.15 min

Lab File: BF081857.D

Acq: 28 Sep 2015 22:17

Tgt Ion: 70 Resp: 80597

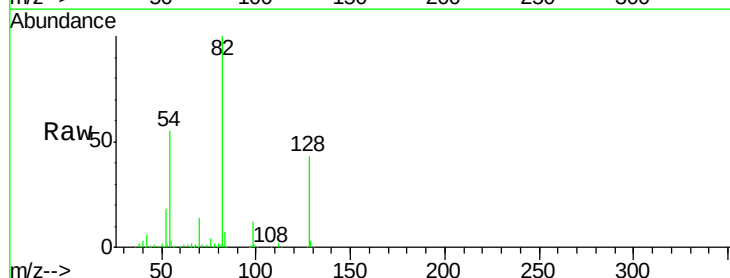
Ion Ratio Lower Upper

70 100

42 46.5 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

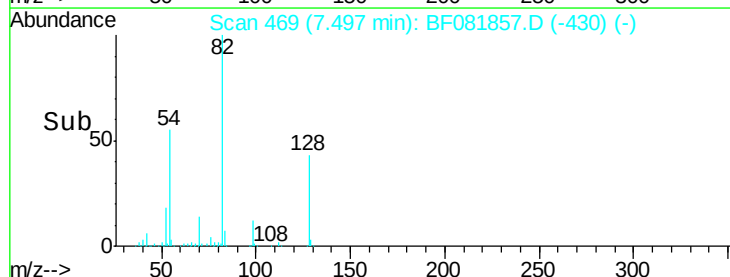
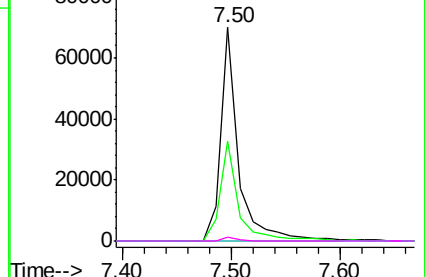


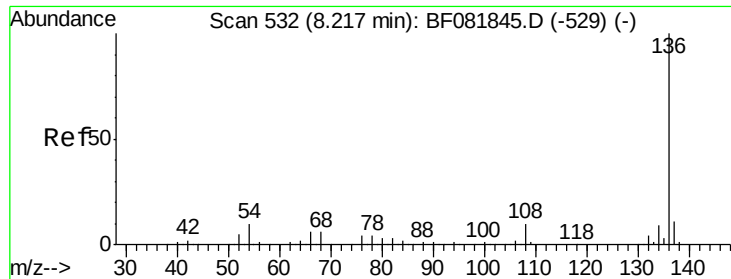
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

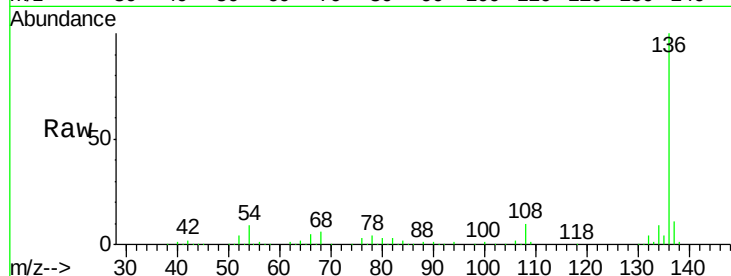




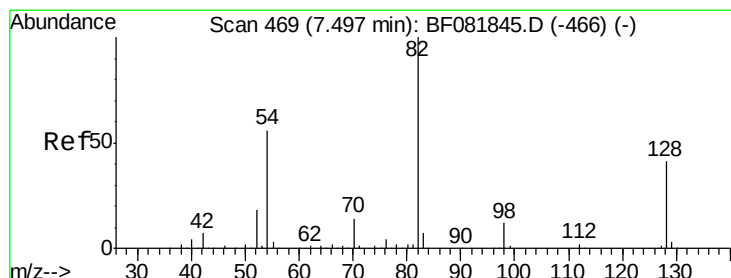
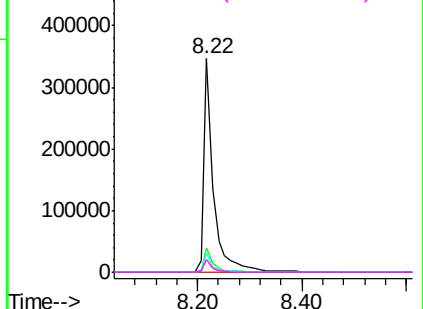
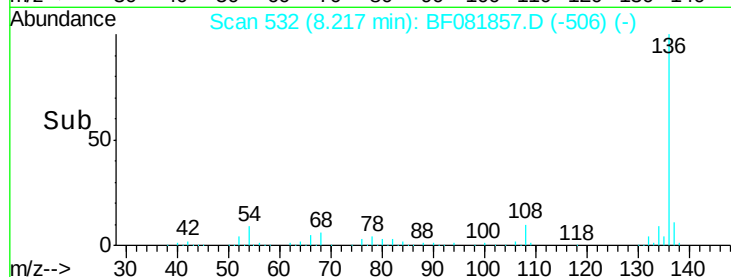
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081857.D
Acq: 28 Sep 2015 22:17

Instrument :
BNA_F
ClientSampleId :
S39-9002

Tgt Ion:	136	Resp:	452939
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.9	8.2	12.2
68	5.8	5.8	8.6

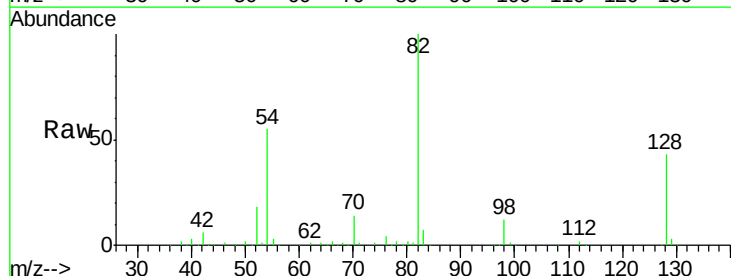


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

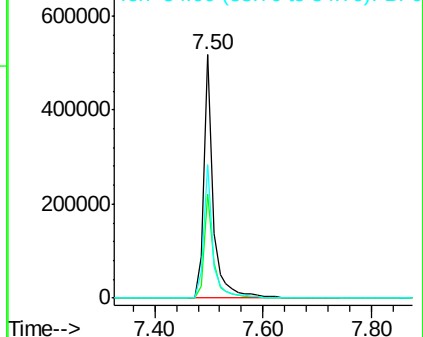
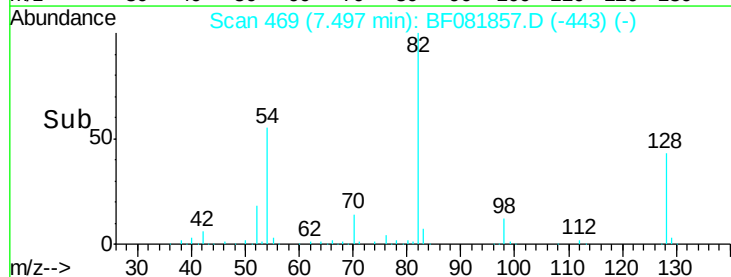


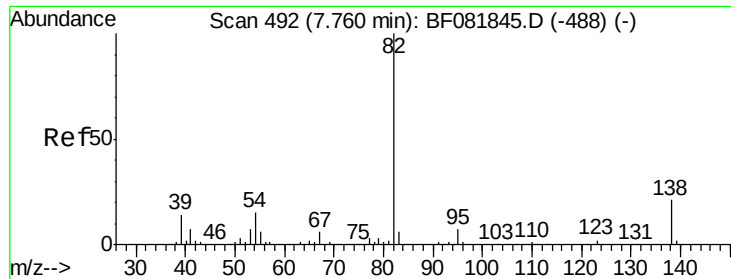
#23
Nitrobenzene-d5
Concen: 90.54 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF081857.D
Acq: 28 Sep 2015 22:17

Tgt Ion:	82	Resp:	615180
Ion	Ratio	Lower	Upper
82	100		
128	42.8	51.0	76.6#
54	54.9	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: 41.30 ng

RT: 7.50 min Scan# 469

Delta R.T. -0.26 min

Lab File: BF081857.D

Acq: 28 Sep 2015 22:17

Instrument :

BNA_F

ClientSampleId :

S39-9002

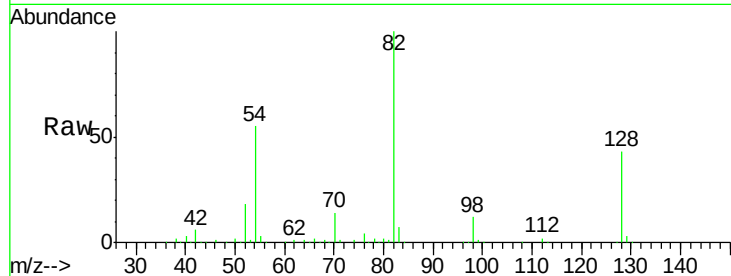
Tgt Ion: 82 Resp: 556256

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

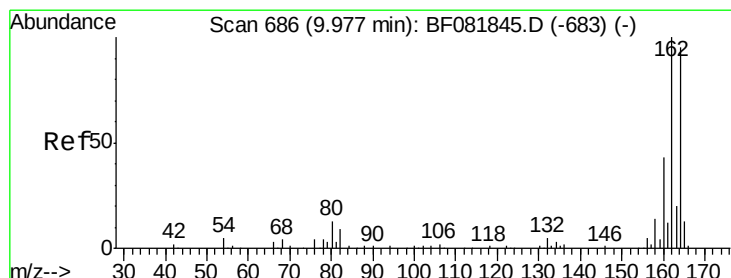
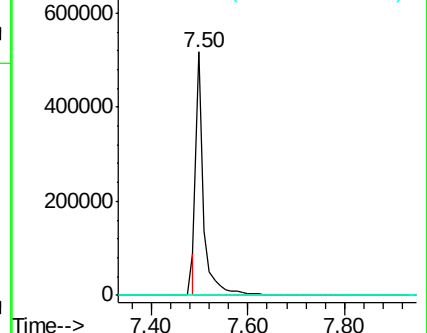
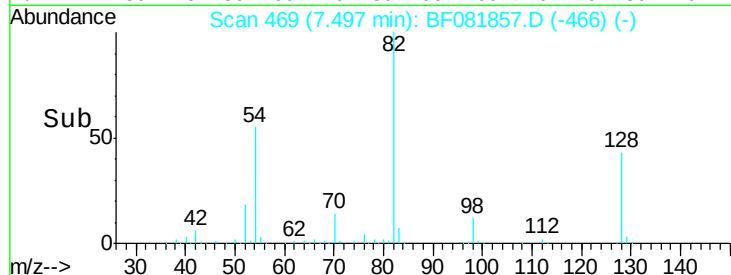
138 0.0 18.3 27.5#



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: 9.98 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081857.D

Acq: 28 Sep 2015 22:17

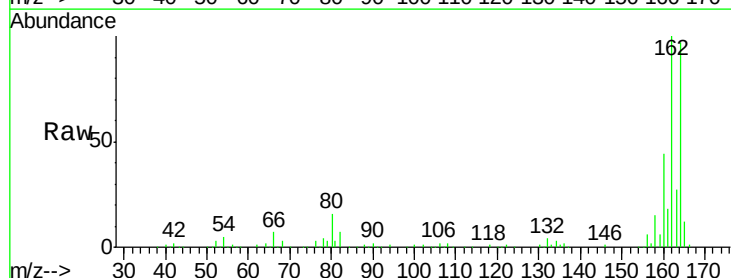
Tgt Ion: 164 Resp: 219459

Ion Ratio Lower Upper

164 100

162 103.1 75.2 112.8

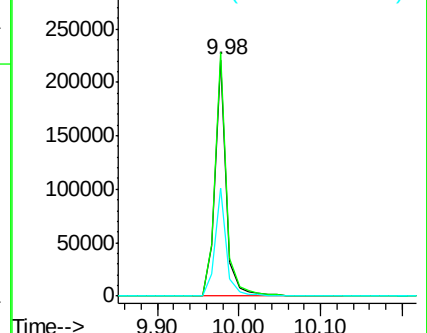
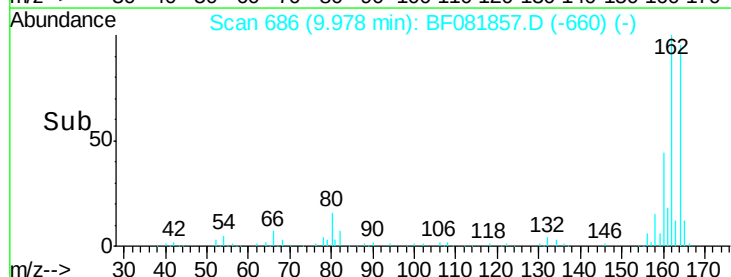
160 45.9 31.5 47.3

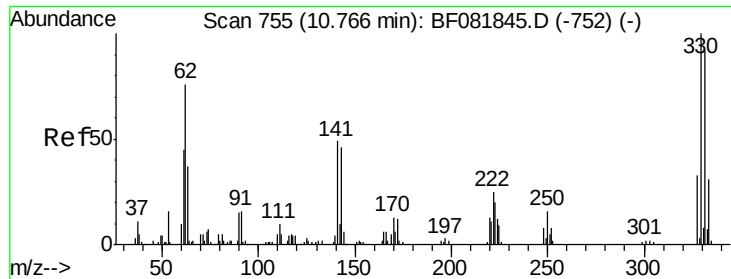


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

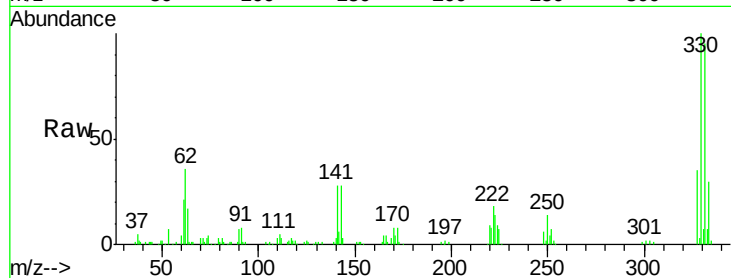




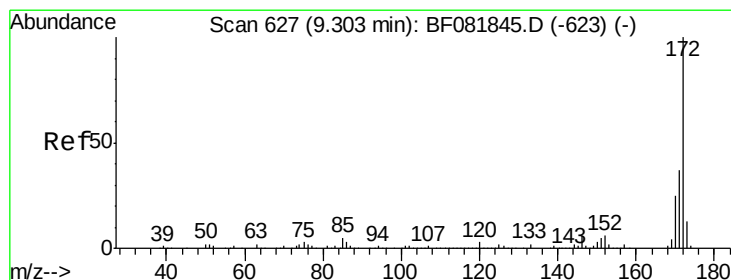
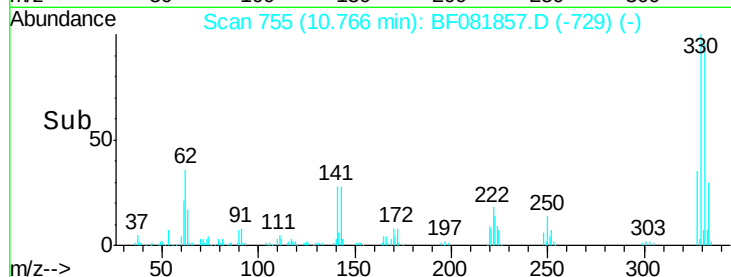
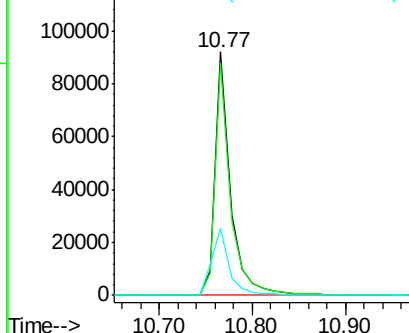
#41
 2,4,6-Tribromophenol
 Concen: 47.08 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081857.D
 Acq: 28 Sep 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 S39-9002

Tgt Ion:330 Resp: 104630
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 32.1 29.7 44.5

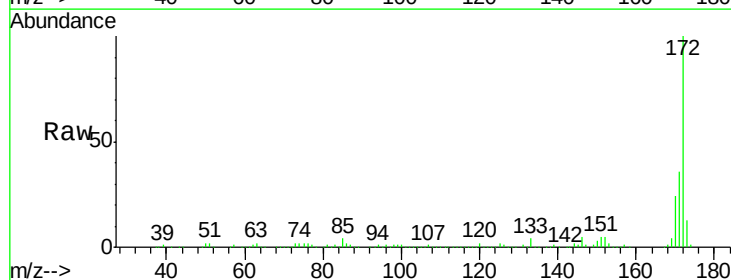


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

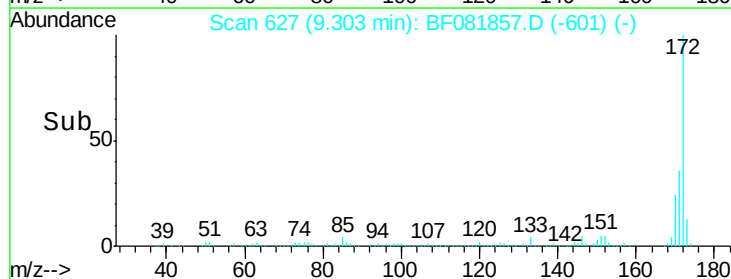
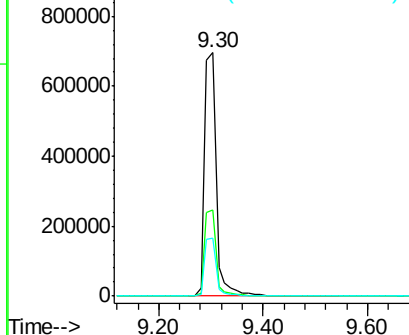


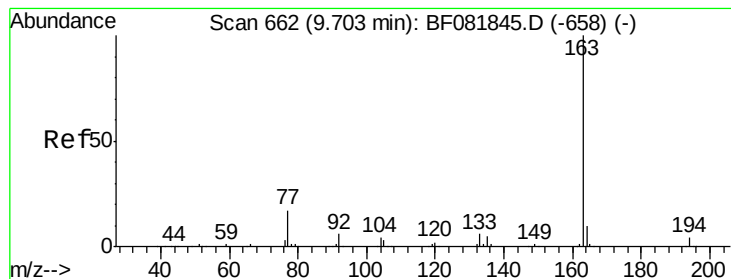
#44
 2-Fluorobiphenyl
 Concen: 82.55 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081857.D
 Acq: 28 Sep 2015 22:17

Tgt Ion:172 Resp: 1088707
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.0 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: 19.44 ng

RT: 9.69 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF081857.D

Acq: 28 Sep 2015 22:17

Instrument :

BNA_F

ClientSampleId :

S39-9002

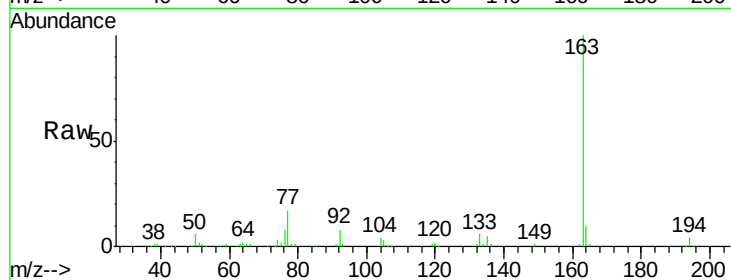
Tgt Ion:163 Resp: 294466

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

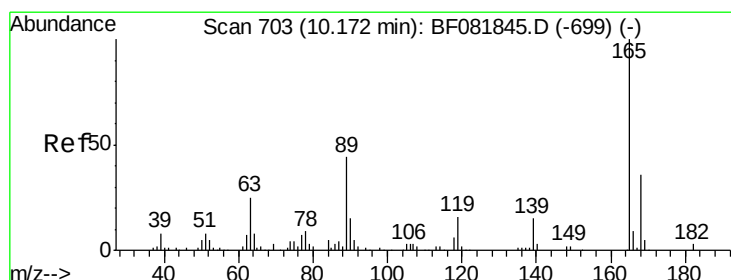
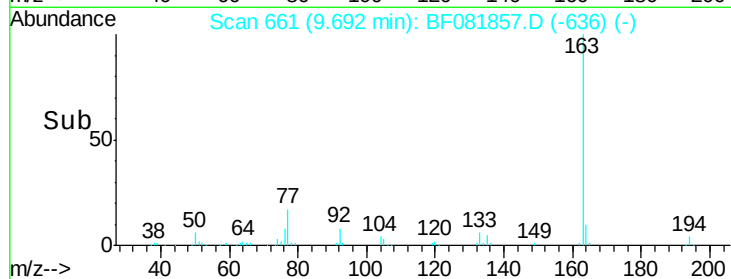
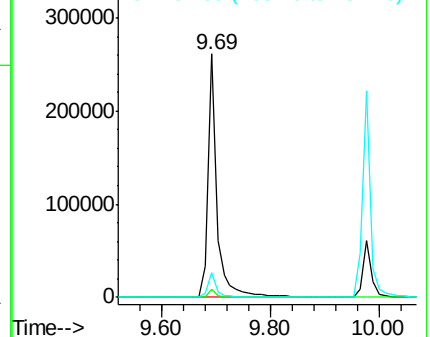
164 10.0 8.3 12.5



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: 6.51 ng

RT: 9.98 min Scan# 686

Delta R.T. -0.19 min

Lab File: BF081857.D

Acq: 28 Sep 2015 22:17

Tgt Ion:165 Resp: 27309

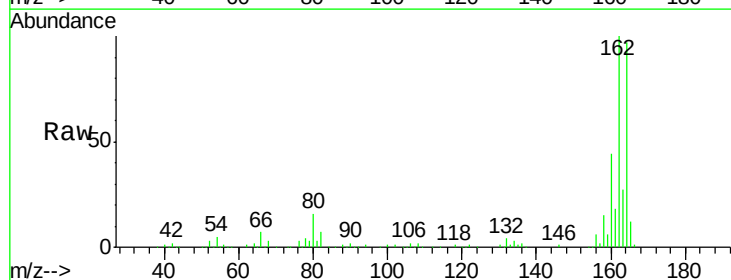
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 1.1 44.5 66.7#

182 0.0 3.0 4.4#

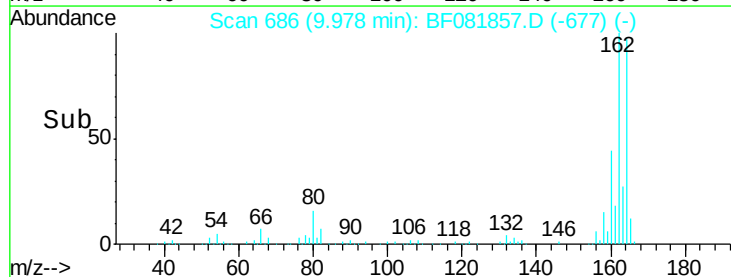
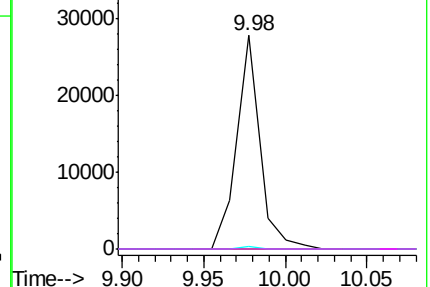


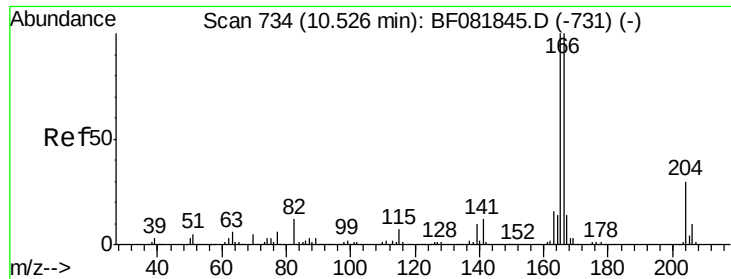
Abundance Ion 165.00 (164.70 to 165.70): E

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

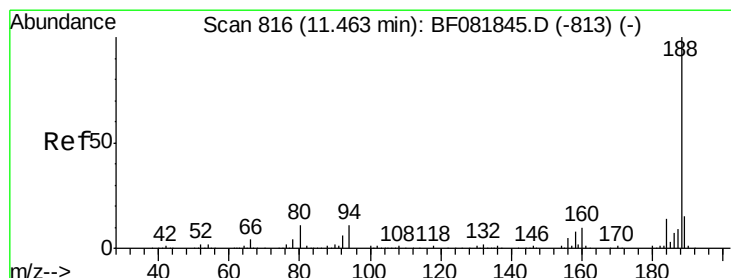
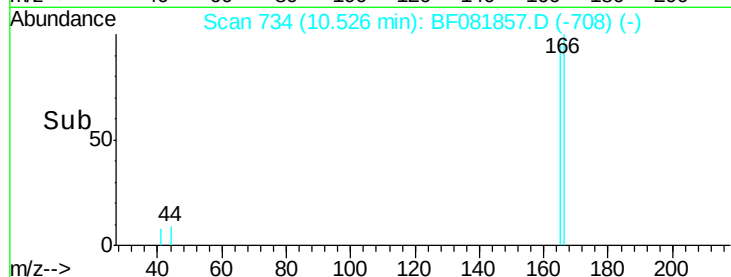
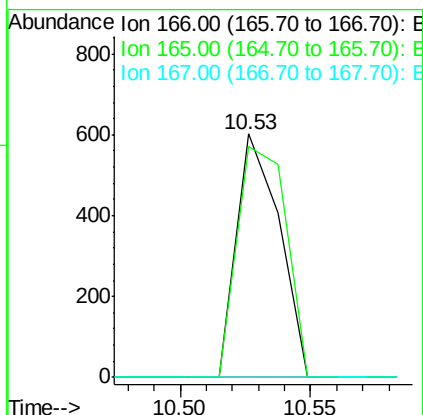
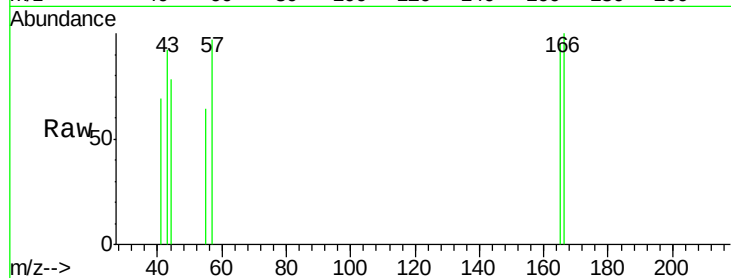




#57
 Fluorene
 Concen: Below Cal
 RT: 10.53 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF081857.D
 Acq: 28 Sep 2015 22:17

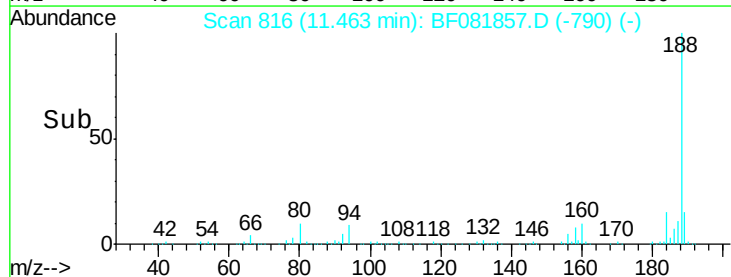
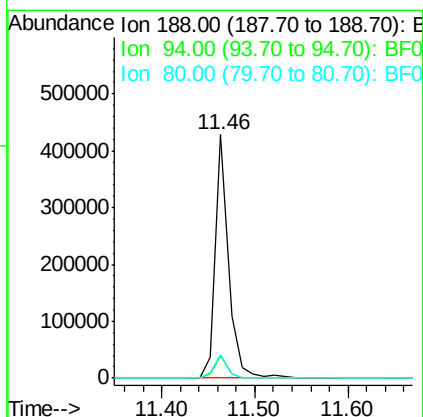
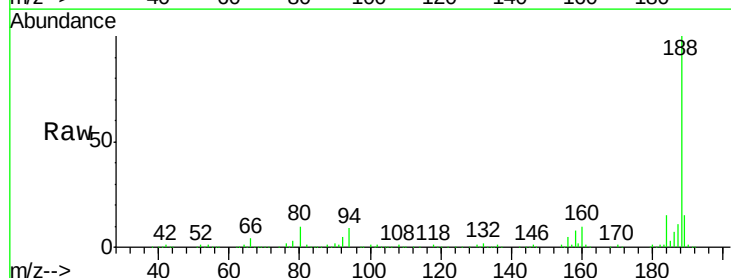
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 ClientSampleId :
 S39-9002

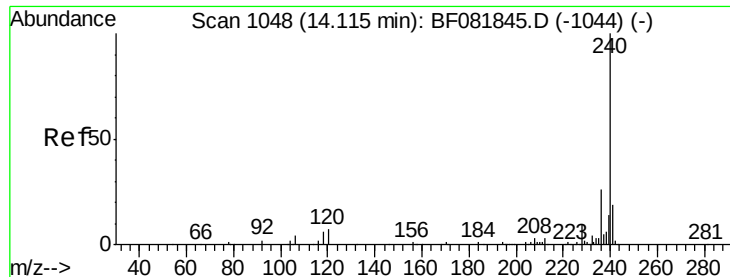
Tgt Ion:166 Resp: 691
 Ion Ratio Lower Upper
 166 100
 165 94.7 72.6 109.0
 167 0.0 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081857.D
 Acq: 28 Sep 2015 22:17

Tgt Ion:188 Resp: 421208
 Ion Ratio Lower Upper
 188 100
 94 9.1 11.1 16.7#
 80 9.8 11.0 16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081857.D

Acq: 28 Sep 2015 22:17

Instrument :

BNA_F

ClientSampled :

S39-9002

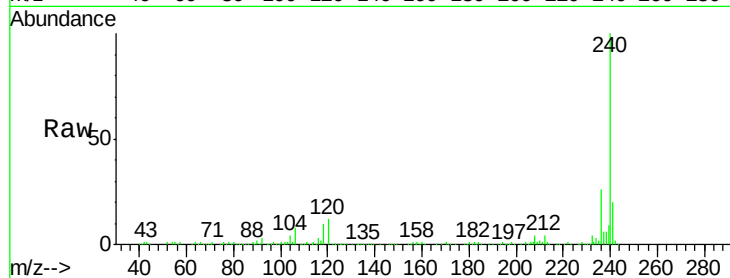
Tgt Ion:240 Resp: 384412

Ion Ratio Lower Upper

240 100

120 12.0 16.2 24.2#

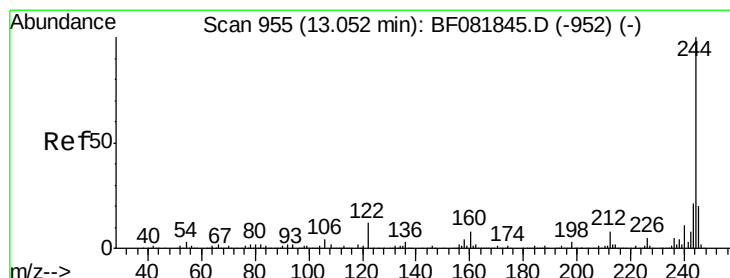
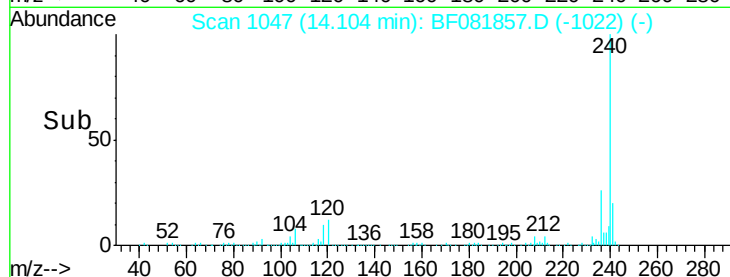
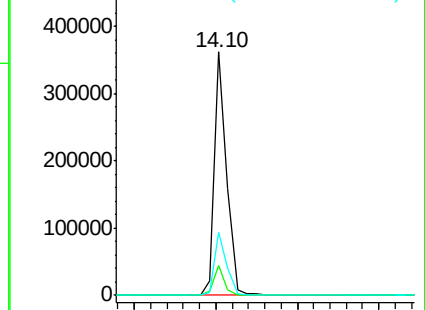
236 26.0 18.4 27.6



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: 79.52 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081857.D

Acq: 28 Sep 2015 22:17

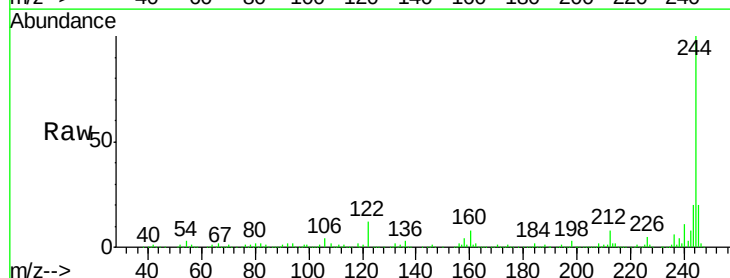
Tgt Ion:244 Resp: 963459

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

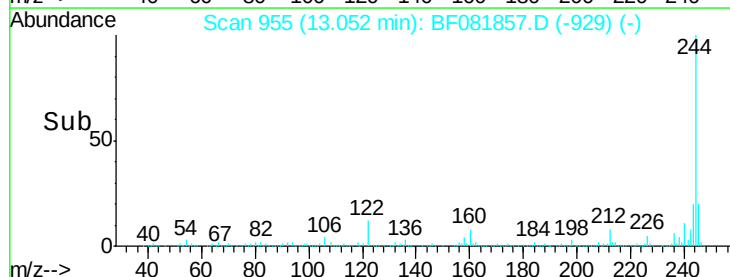
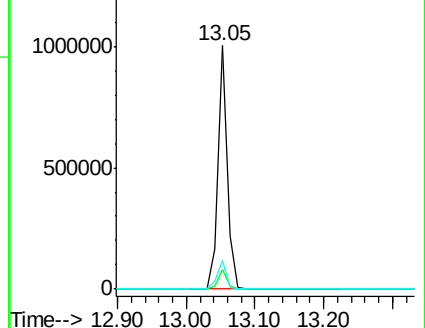
122 11.5 17.4 26.2#

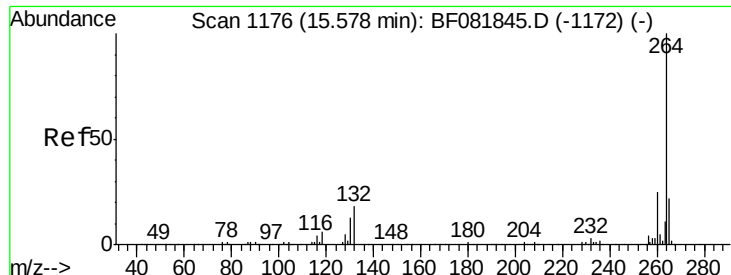


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

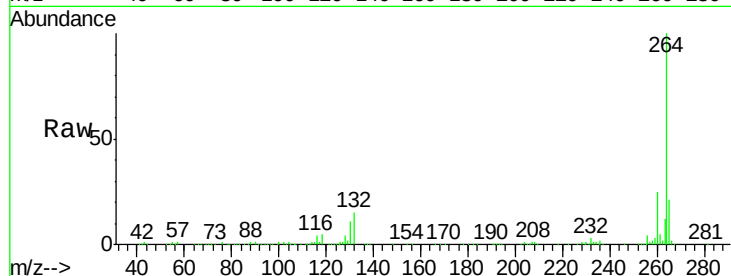




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081857.D
Acq: 28 Sep 2015 22:17

Instrument :
BNA_F
ClientSampleId :
S39-9002

Tgt Ion:264 Resp: 318604
Ion Ratio Lower Upper
264 100
260 24.6 16.7 25.1
265 21.2 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

