

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081852.D
 Acq On : 28 Sep 2015 19:44
 Operator : UM/IZ
 Sample : PB85617BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BL

Quant Time: Sep 29 02:17:48 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

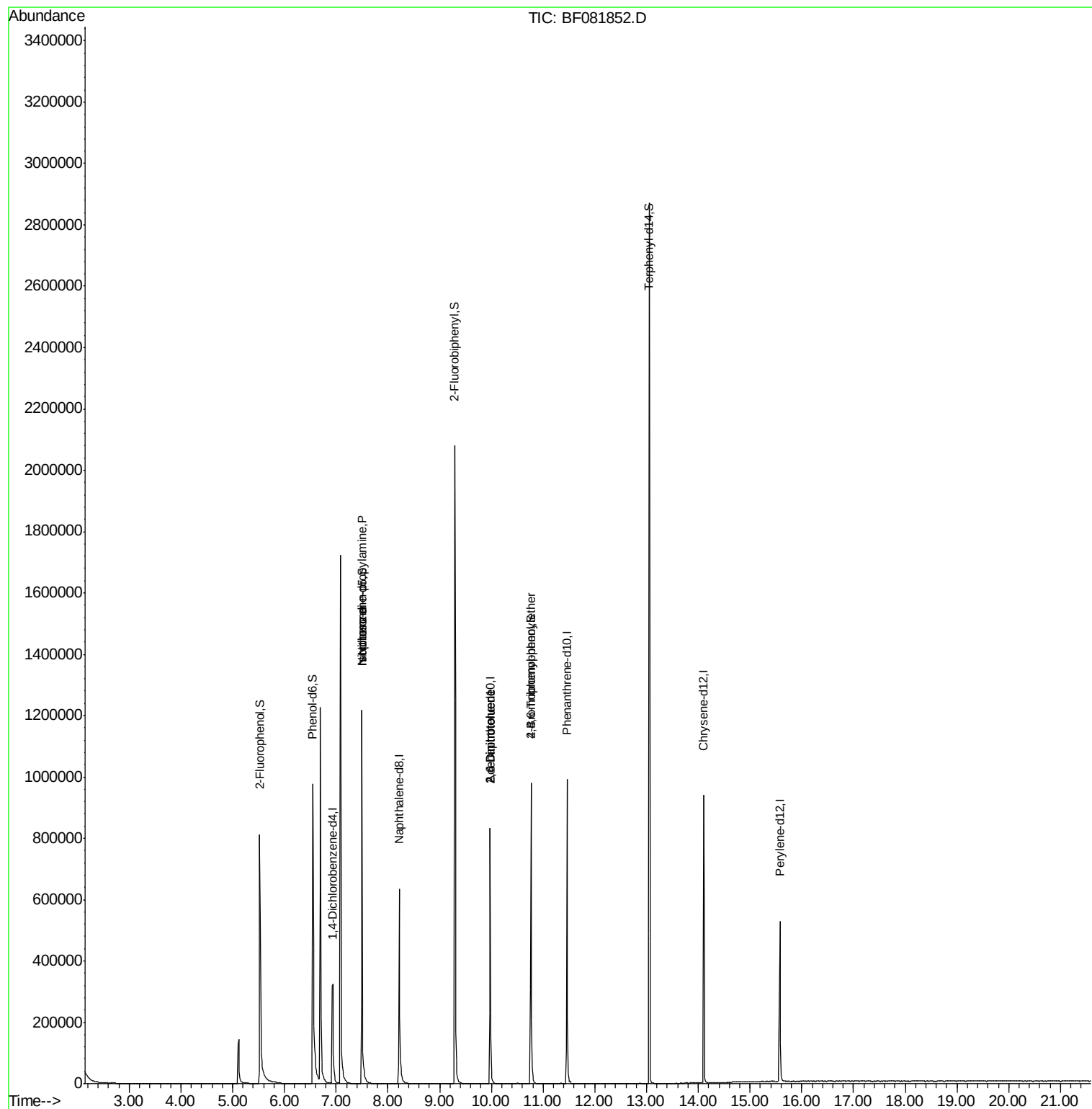
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	99987	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	409504	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	197626	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	392464	20.00	ng	0.00
75) Chrysene-d12	14.10	240	345547	20.00	ng	-0.01
86) Perylene-d12	15.58	264	275089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	419737	76.21	ng	0.00
7) Phenol-d6	6.55	99	557223	80.40	ng	-0.01
23) Nitrobenzene-d5	7.50	82	492253	80.13	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	149411	74.65	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	924939	76.87	ng	-0.01
78) Terphenyl-d14	13.05	244	892723	82.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	63705	15.12	ng	# 57
25) Isophorone	7.50	82	424223	34.84	ng	# 58
50) 2,6-Dinitrotoluene	9.98	165	24379	8.23	ng	# 37
56) 2,4-Dinitrotoluene	9.98	165	24592	6.51	ng	# 31
57) Fluorene	10.77	166	5945	Below	Cal	# 81
66) 4-Bromophenyl-phenylether	10.77	248	9198	2.32	ng	# 1
73) Di-n-butylphthalate	12.02	149	711	Below	Cal	# 78

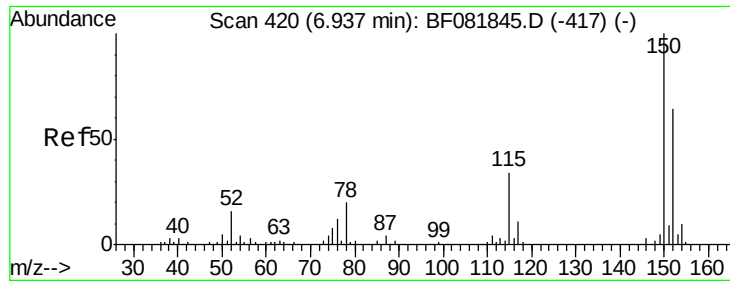
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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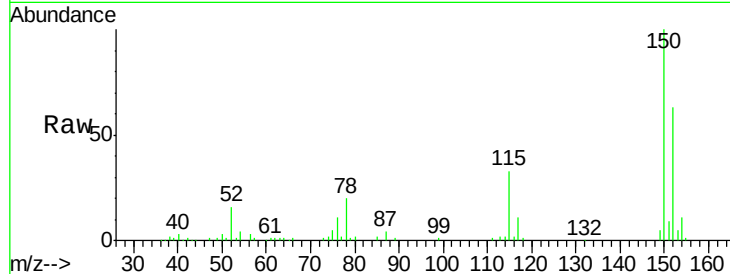


#1

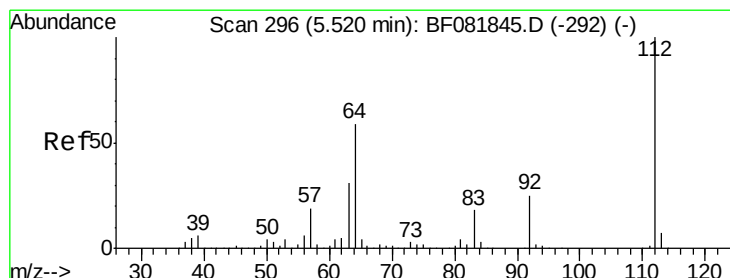
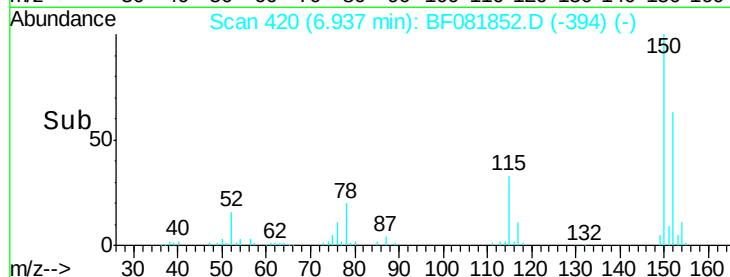
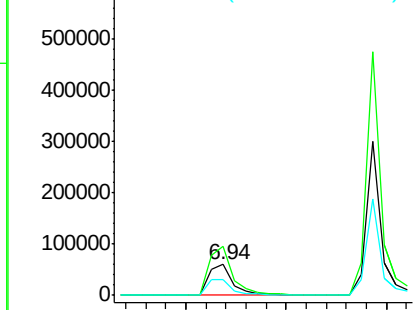
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081852.D
Acq: 28 Sep 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB85617BL

Tgt Ion:152 Resp: 99987
Ion Ratio Lower Upper
152 100
150 159.0 124.7 187.1
115 52.4 39.0 58.4



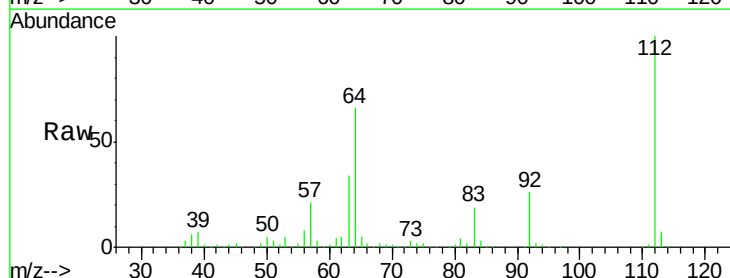
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



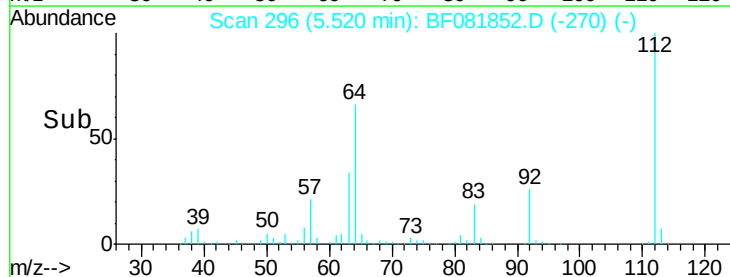
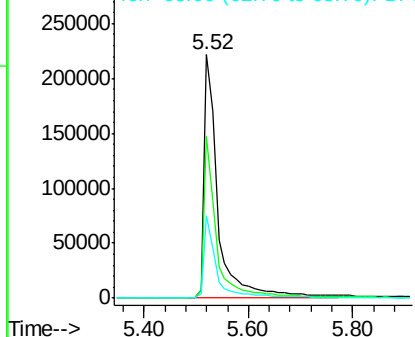
#5

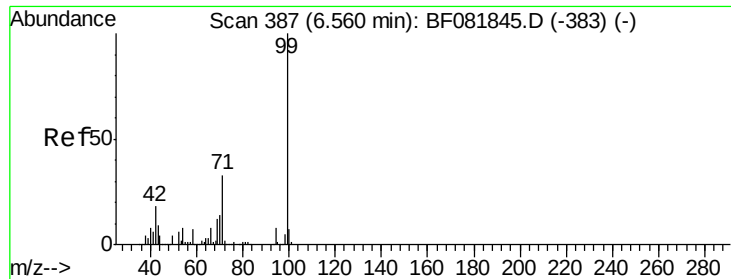
2-Fluorophenol
Concen: 76.21 ng
RT: 5.52 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF081852.D
Acq: 28 Sep 2015 19:44

Tgt Ion:112 Resp: 419737
Ion Ratio Lower Upper
112 100
64 66.3 39.7 59.5#
63 34.1 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: 80.40 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081852.D

Acq: 28 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85617BL

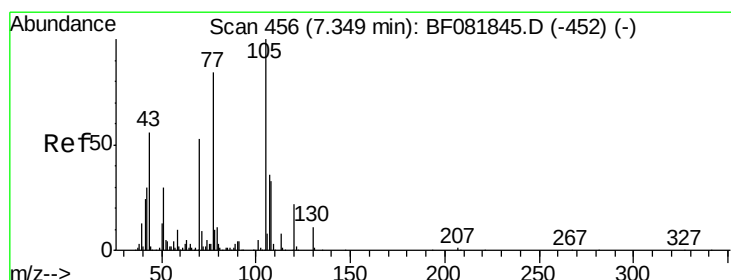
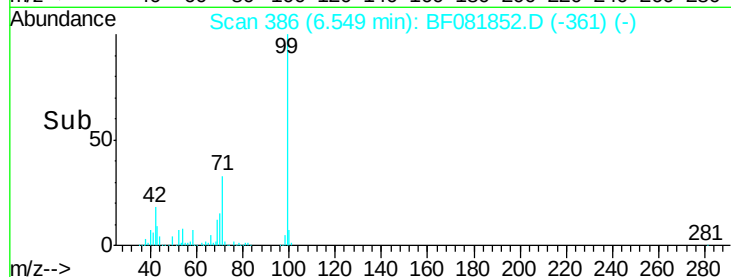
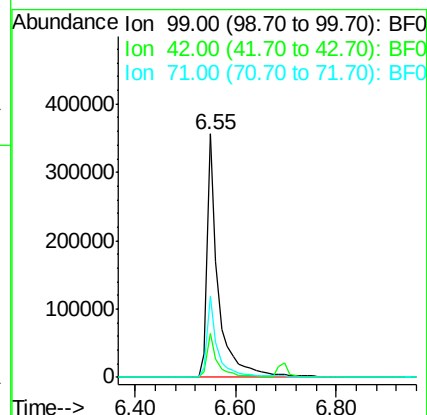
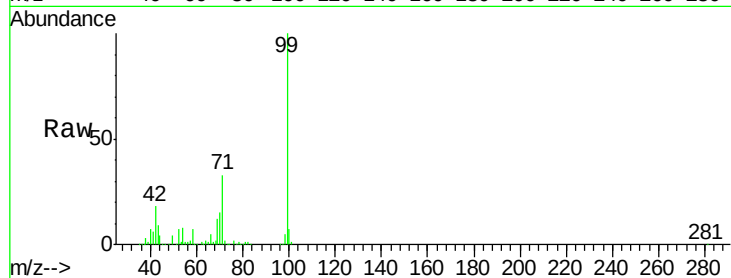
Tgt Ion: 99 Resp: 557223

Ion Ratio Lower Upper

99 100

42 18.1 13.7 20.5

71 33.3 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.12 ng

RT: 7.50 min Scan# 469

Delta R.T. 0.15 min

Lab File: BF081852.D

Acq: 28 Sep 2015 19:44

Tgt Ion: 70 Resp: 63705

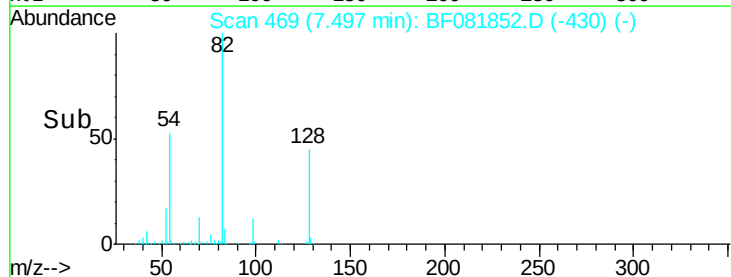
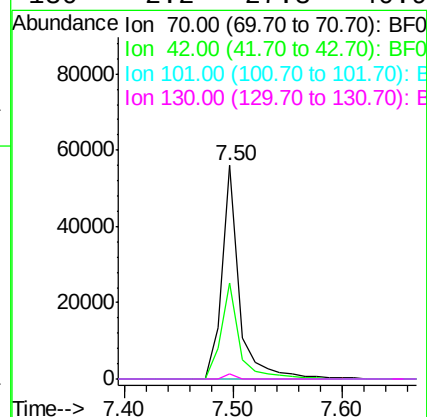
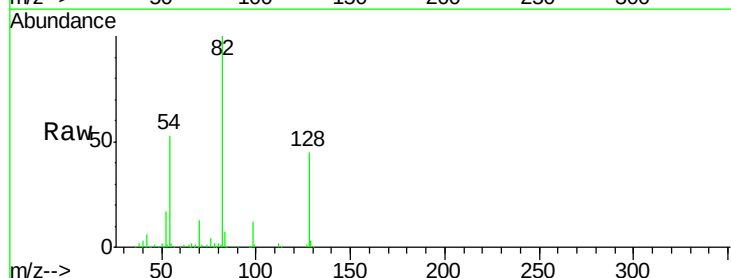
Ion Ratio Lower Upper

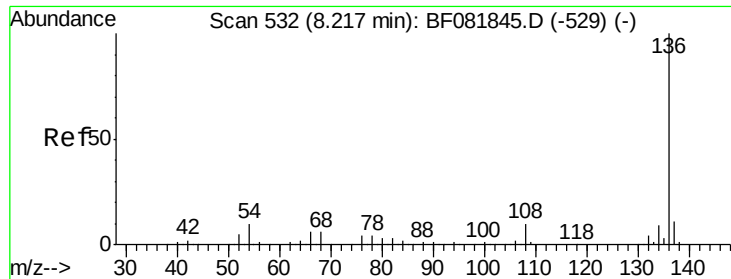
70 100

42 45.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

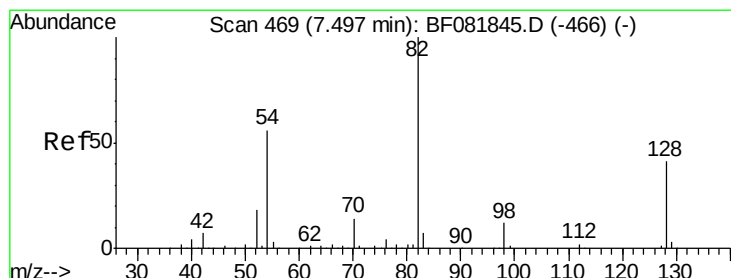
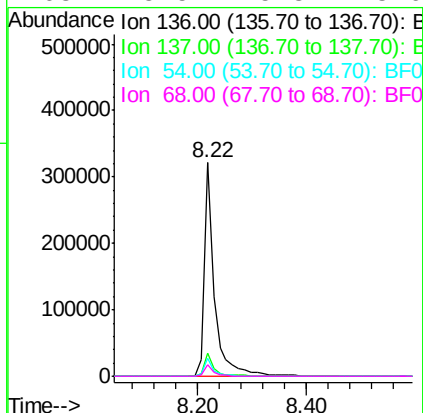
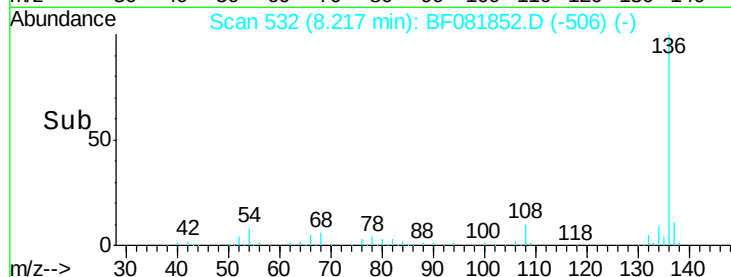
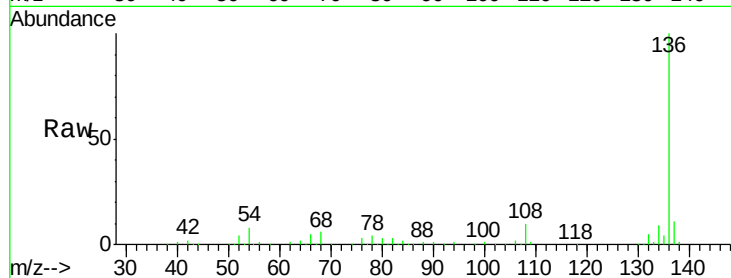




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081852.D
Acq: 28 Sep 2015 19:44

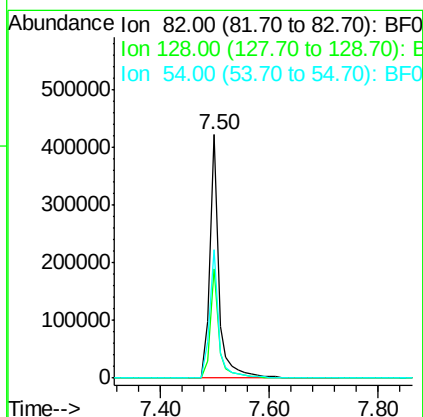
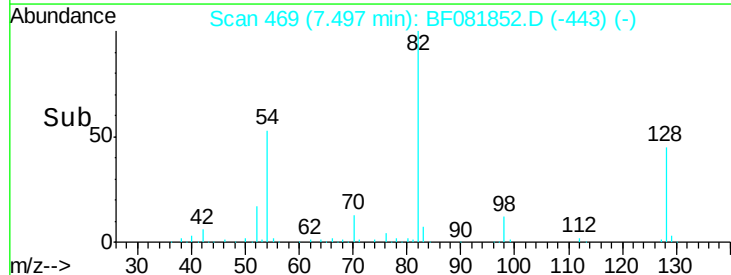
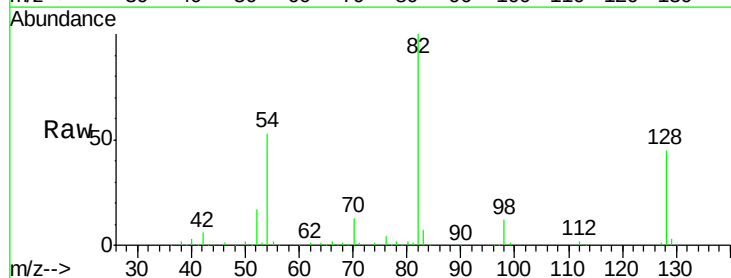
Instrument :
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PB85617BL

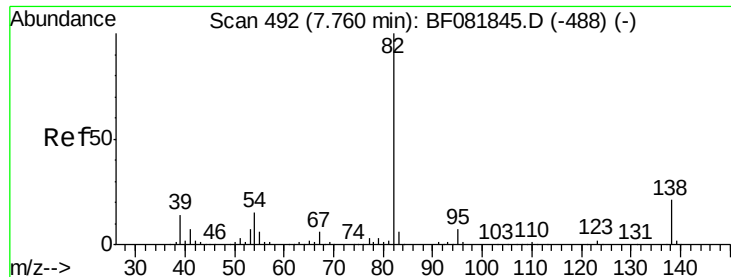
Tgt Ion:	136	Resp:	409504
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.3	8.2	12.2
68	5.5	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 80.13 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF081852.D
Acq: 28 Sep 2015 19:44

Tgt Ion:	82	Resp:	492253
Ion	Ratio	Lower	Upper
82	100		
128	44.8	51.0	76.6#
54	52.9	47.5	71.3





#25

Isophorone

Concen: 34.84 ng

RT: 7.50 min Scan# 469

Delta R.T. -0.26 min

Lab File: BF081852.D

Acq: 28 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85617BL

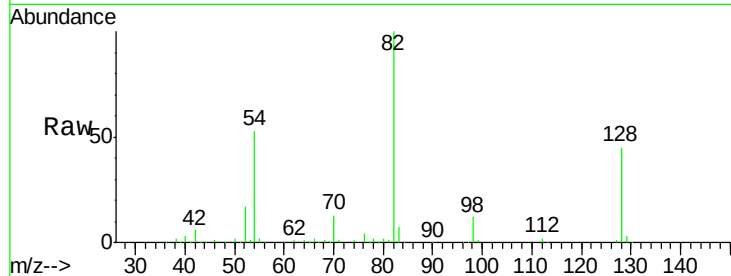
Tgt Ion: 82 Resp: 424223

Ion Ratio Lower Upper

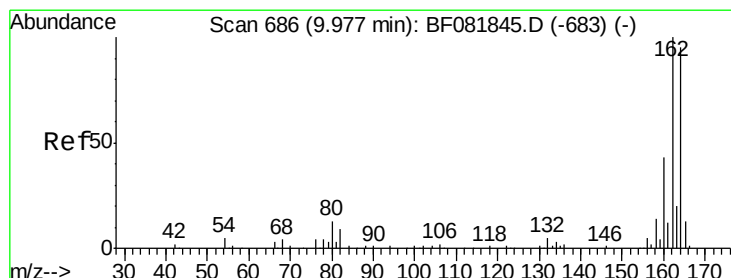
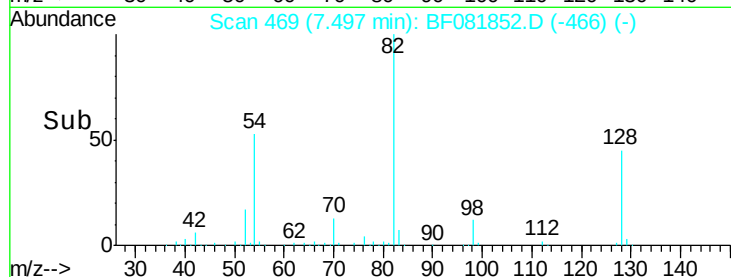
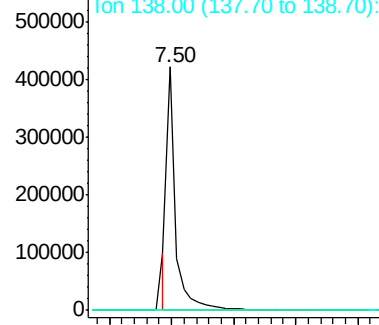
82 100

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: BF081852.D

Acq: 28 Sep 2015 19:44

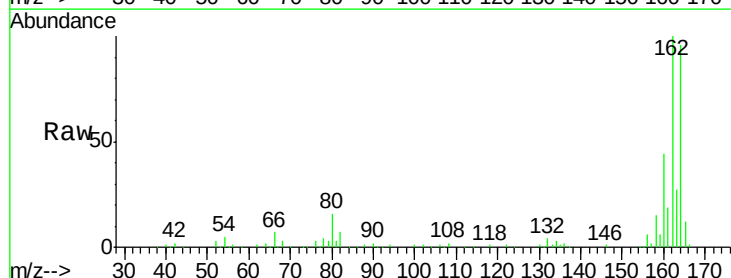
Tgt Ion: 164 Resp: 197626

Ion Ratio Lower Upper

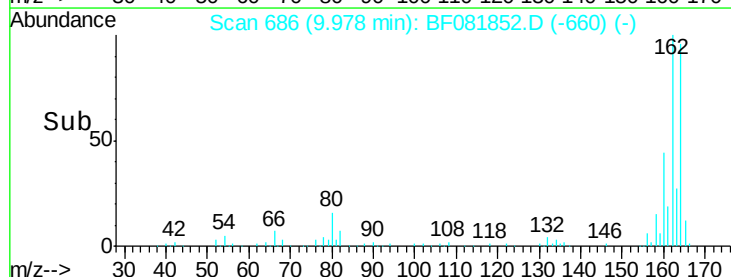
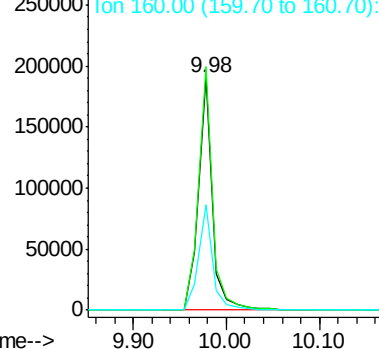
164 100

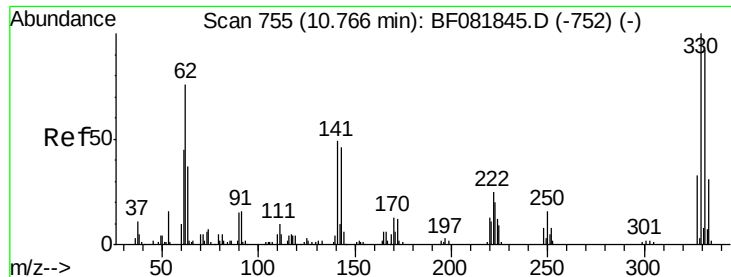
162 104.5 75.2 112.8

160 45.5 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

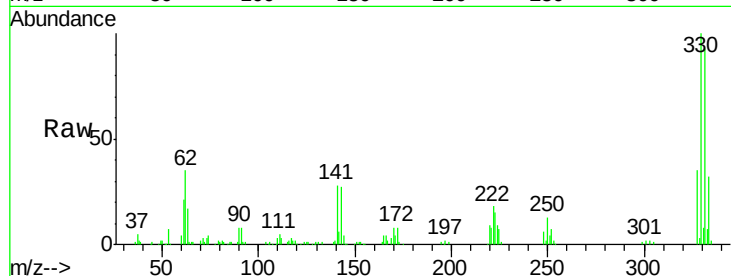




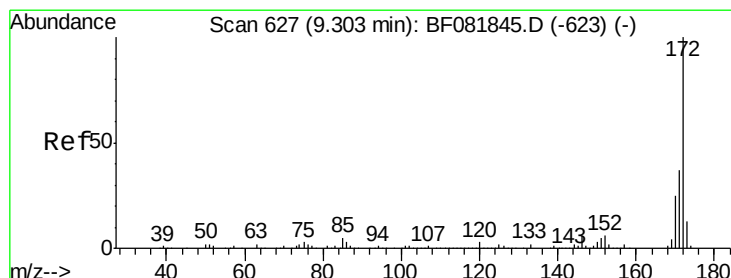
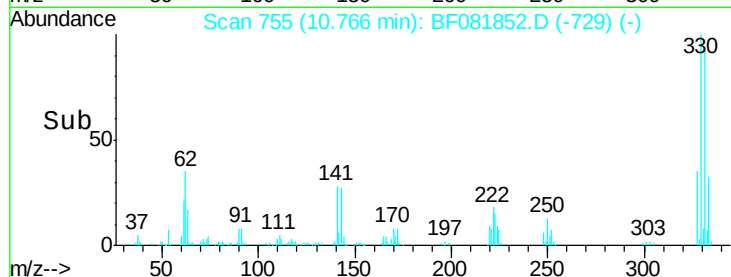
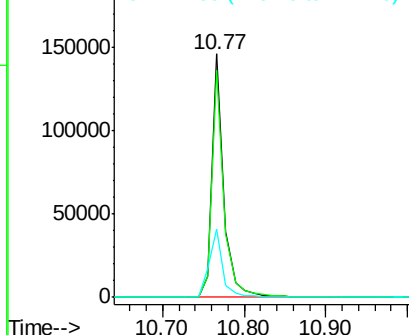
#41
 2,4,6-Tribromophenol
 Concen: 74.65 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	114.8
141	32.0	29.7	44.5

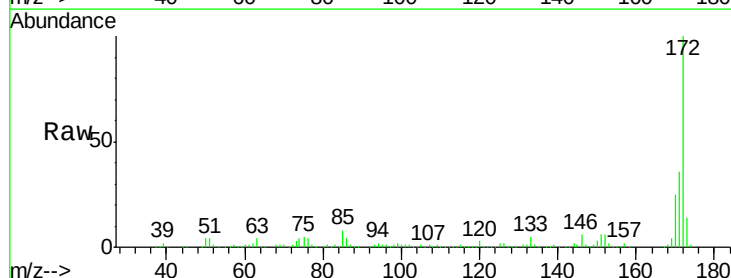


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

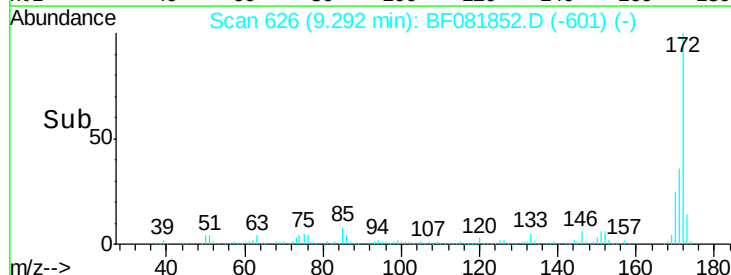
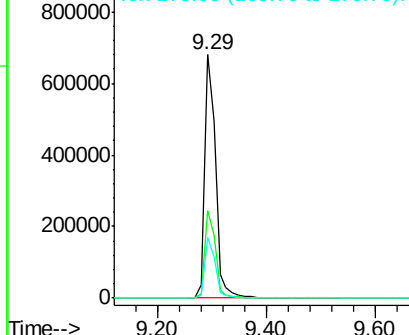


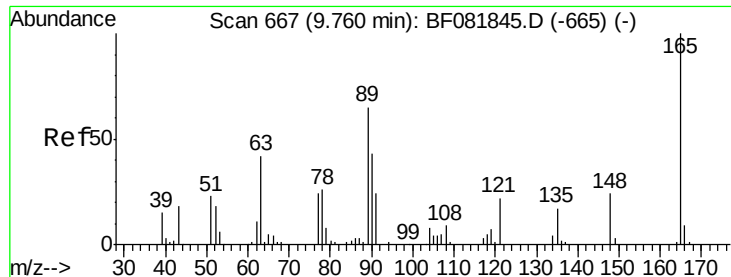
#44
 2-Fluorobiphenyl
 Concen: 76.87 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	24.7	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

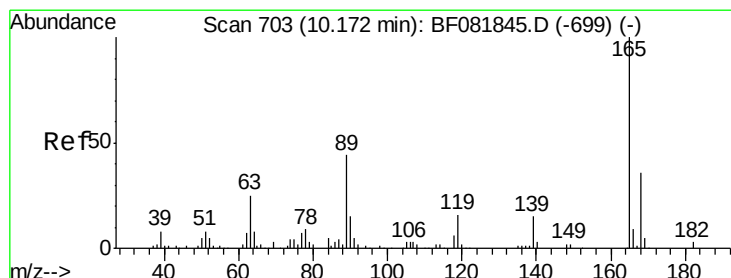
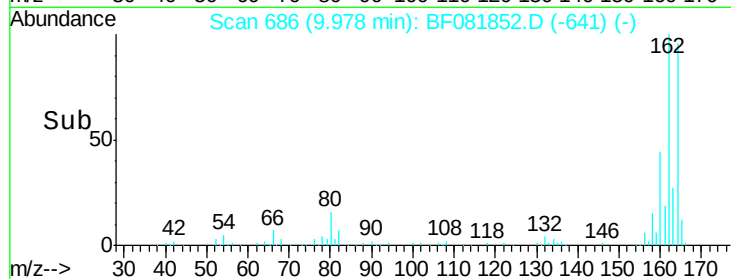
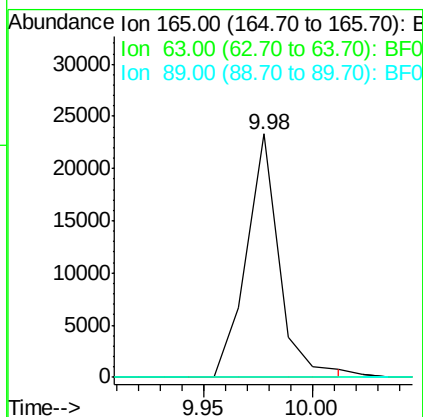
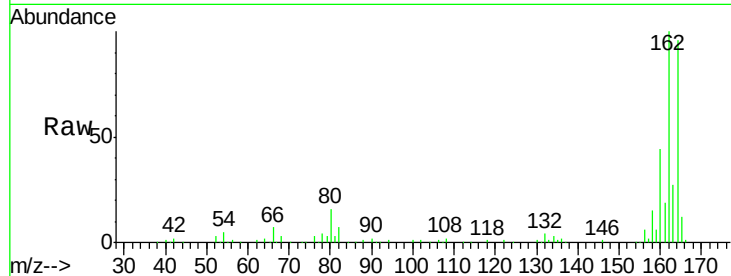




#50
 2,6-Dinitrotoluene
 Concen: 8.23 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.22 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

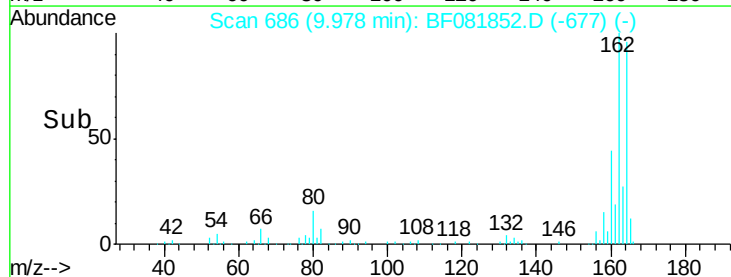
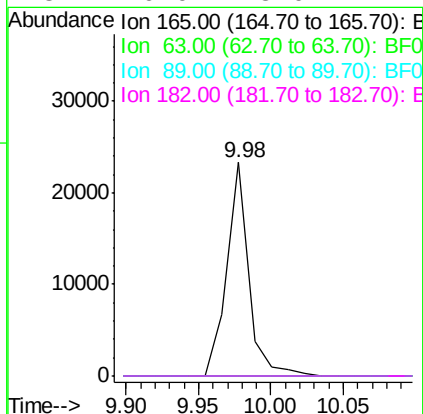
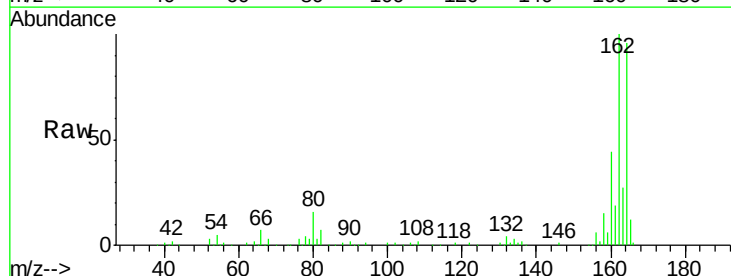
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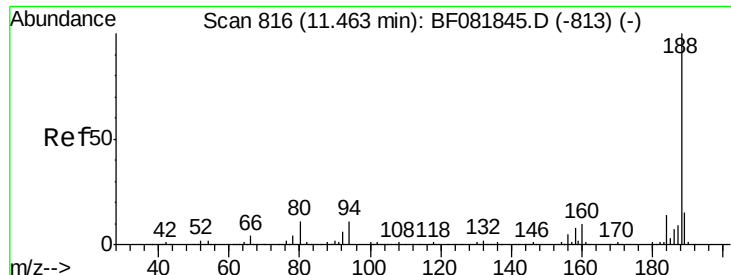
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.19 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

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

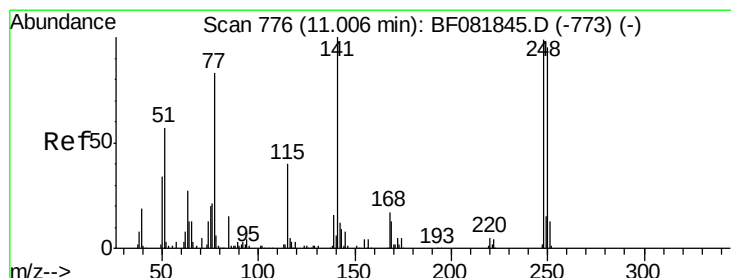
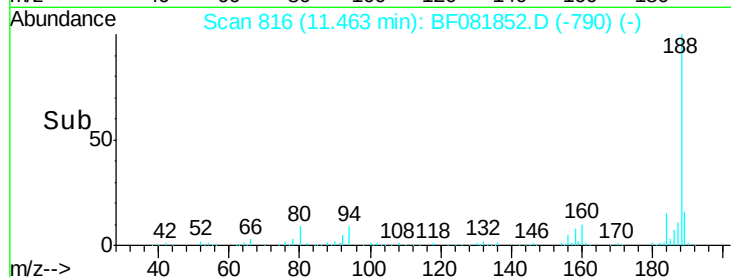
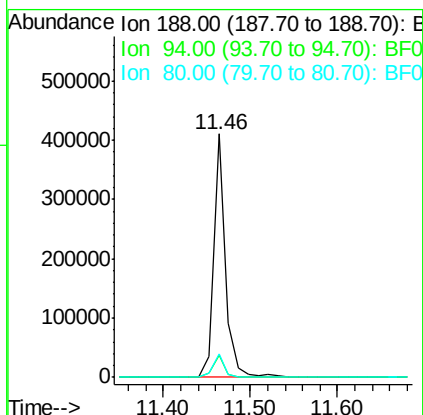
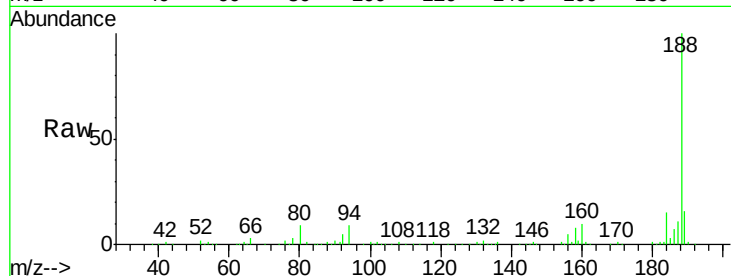




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

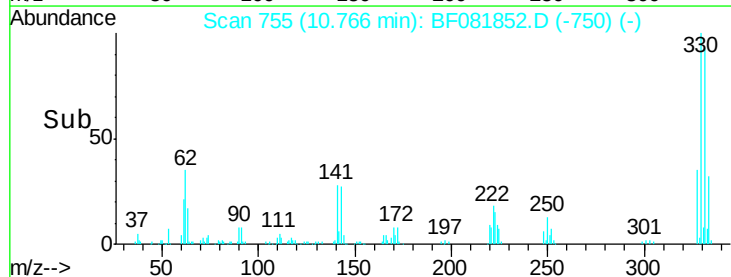
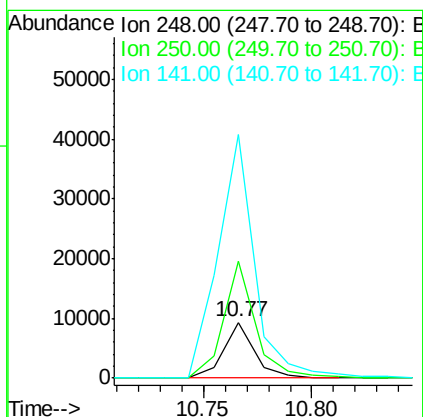
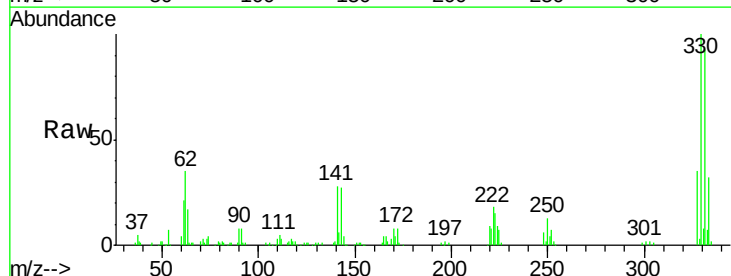
Instrument :
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 PB85617BL

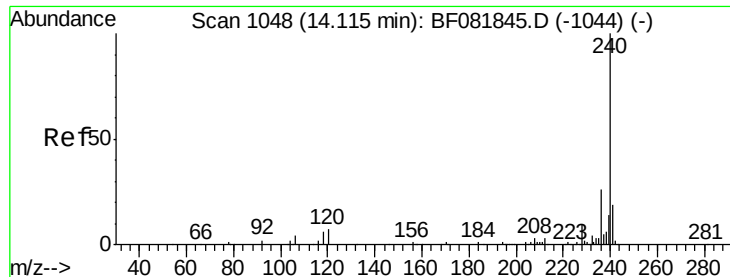
Tgt Ion:188 Resp: 392464
 Ion Ratio Lower Upper
 188 100
 94 9.1 11.1 16.7#
 80 9.5 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 2.32 ng
 RT: 10.77 min Scan# 755
 Delta R.T. -0.24 min
 Lab File: BF081852.D
 Acq: 28 Sep 2015 19:44

Tgt Ion:248 Resp: 9198
 Ion Ratio Lower Upper
 248 100
 250 209.1 78.5 117.7#
 141 436.4 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081852.D

Acq: 28 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85617BL

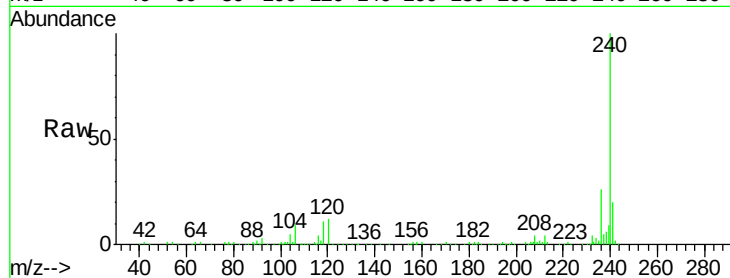
Tgt Ion:240 Resp: 345547

Ion Ratio Lower Upper

240 100

120 12.5 16.2 24.2#

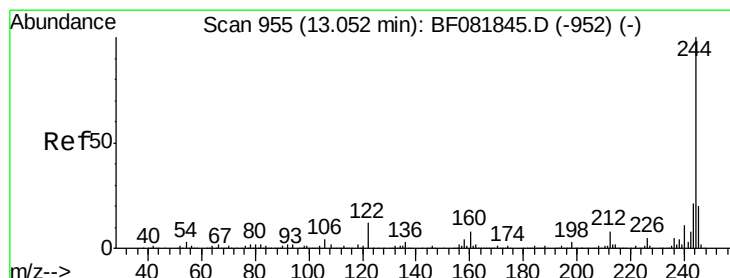
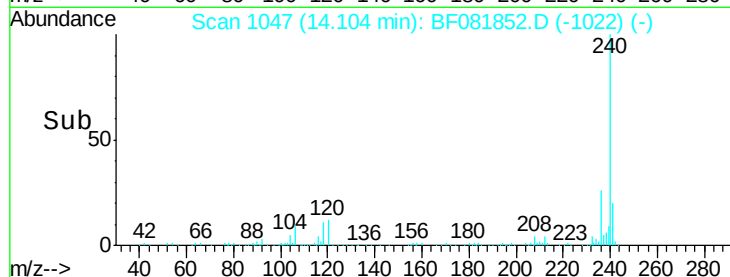
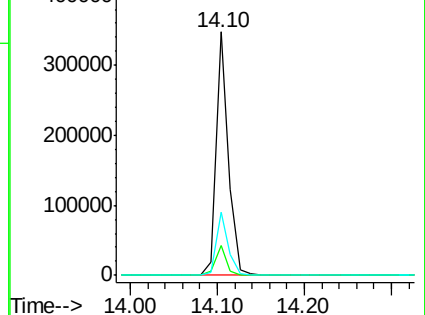
236 25.8 18.4 27.6



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: 82.86 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081852.D

Acq: 28 Sep 2015 19:44

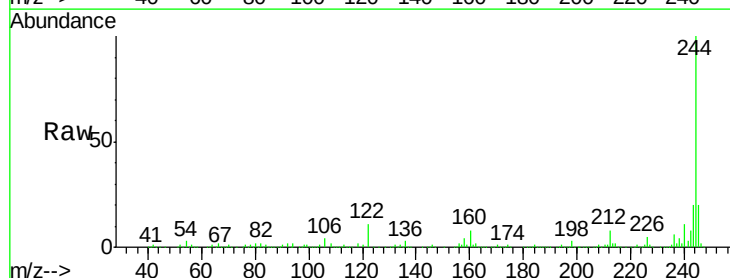
Tgt Ion:244 Resp: 892723

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

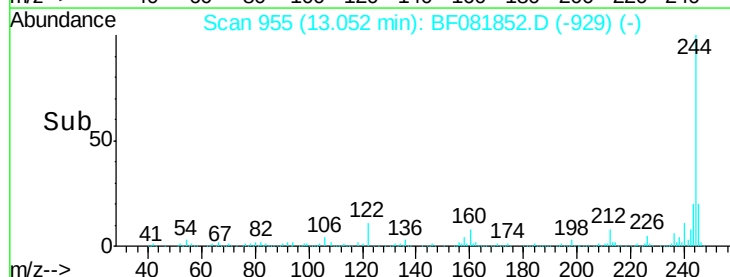
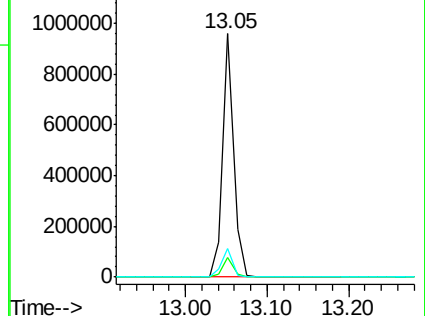
122 11.5 17.4 26.2#

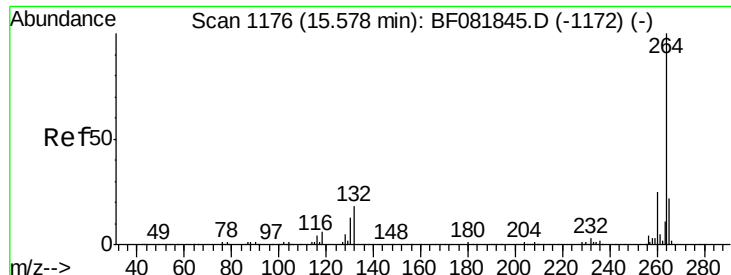


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



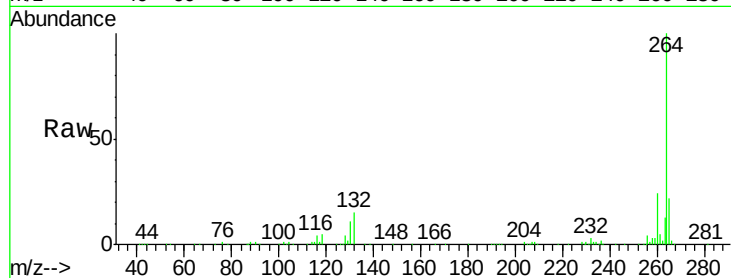


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081852.D
Acq: 28 Sep 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB85617BL

Tgt Ion: 264 Resp: 275089

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	22.0	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

