

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082086.D
 Acq On : 6 Oct 2015 16:07
 Operator : UM/IZ
 Sample : G3875-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A5-COMP

Quant Time: Oct 07 02:04:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

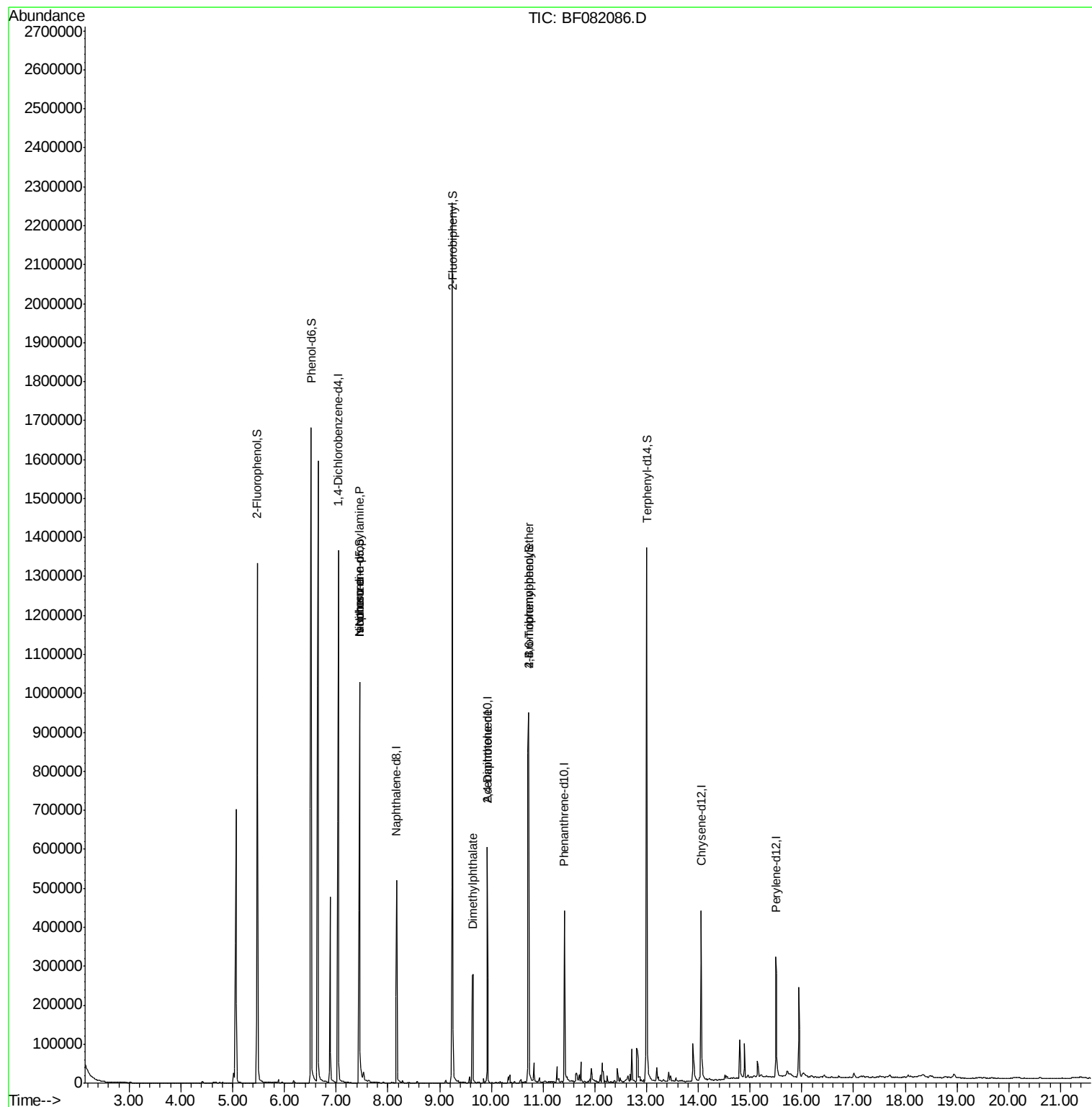
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.04	152	257234	20.00	ng	0.16
21) Naphthalene-d8	8.17	136	297370	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	140134	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	272785	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	242986	20.00	ng	-0.01
86) Perylene-d12	15.50	264	195386	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	486342	34.32	ng	0.00
7) Phenol-d6	6.51	99	673690	37.78	ng	0.00
23) Nitrobenzene-d5	7.45	82	417389	93.56	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	190555	134.27	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	732165	88.04	ng	0.00
78) Terphenyl-d14	13.01	244	728907	102.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	53652	4.95	ng	# 56
25) Isophorone	7.45	82	311218	35.20	ng	# 58
49) Dimethylphthalate	9.65	163	196186	20.28	ng	# 97
56) 2,4-Dinitrotoluene	9.92	165	17498	6.54	ng	# 31
57) Fluorene	10.71	166	7163	Below	Cal	# 74
66) 4-Bromophenyl-phenylether	10.72	248	11875	4.32	ng	# 1
70) Phenanthrene	11.44	178	3151	Below	Cal	# 98
73) Di-n-butylphthalate	11.98	149	2546	Below	Cal	# 78

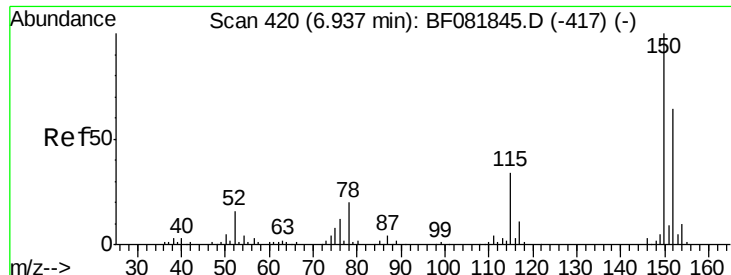
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.16 min

Lab File: BF082086.D

Acq: 6 Oct 2015 16:07

Instrument :

BNA_F

ClientSampled :

A5-COMP

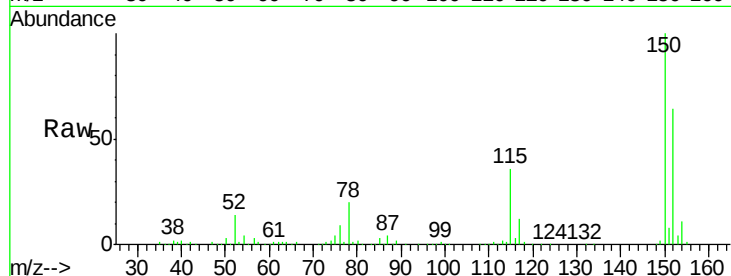
Tot Ion:152 Resp: 257234

Ion Ratio Lower Upper

152 100

150 156.0 124.7 187.1

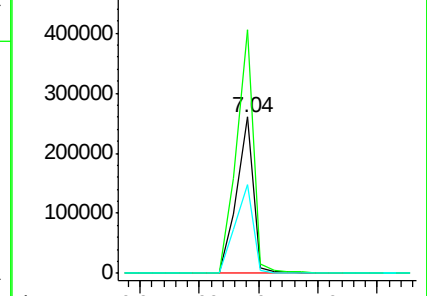
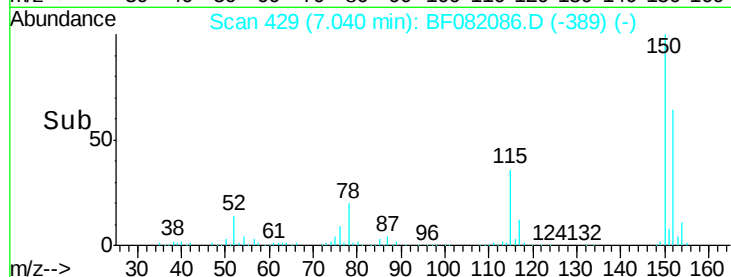
115 56.8 39.0 58.4



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: 34.32 ng

RT: 5.47 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF082086.D

Acq: 6 Oct 2015 16:07

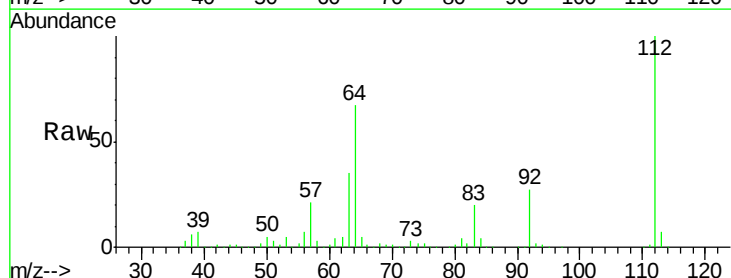
Tgt Ion:112 Resp: 486342

Ion Ratio Lower Upper

112 100

64 66.7 39.7 59.5#

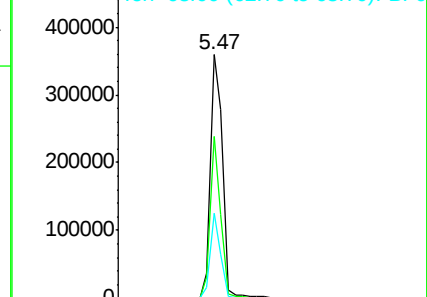
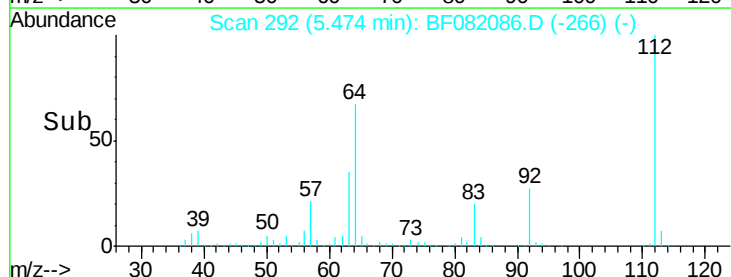
63 34.7 17.4 26.0#

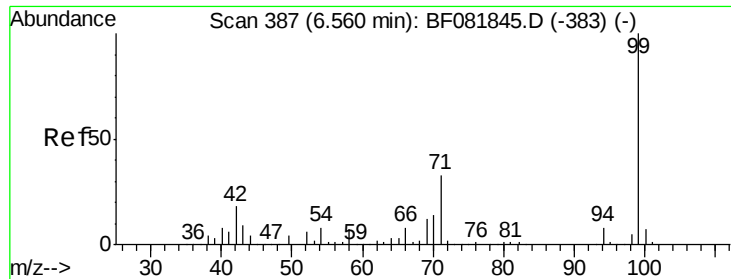


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.78 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082086.D

Acq: 6 Oct 2015 16:07

Instrument :

BNA_F

ClientSampleId :

A5-COMP

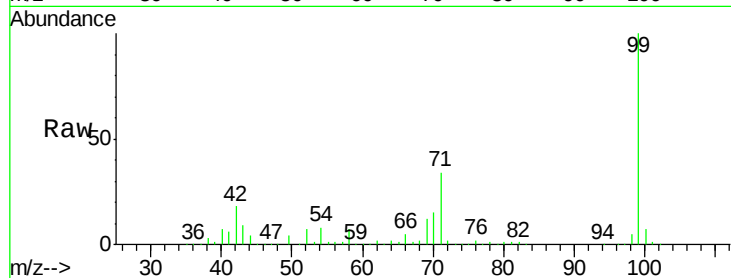
Tot Ion: 99 Resp: 673690

Ion Ratio Lower Upper

99 100

42 17.6 13.7 20.5

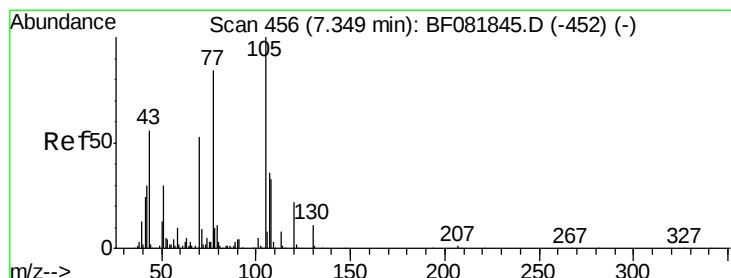
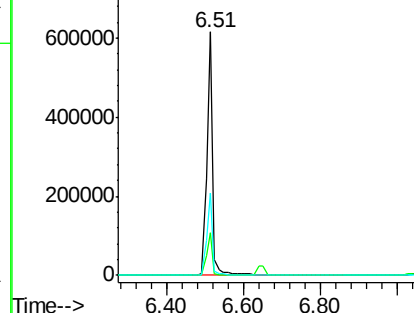
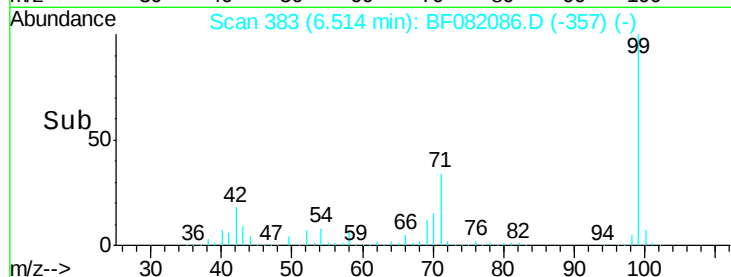
71 33.8 14.2 21.2#



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: 4.95 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.15 min

Lab File: BF082086.D

Acq: 6 Oct 2015 16:07

Tgt Ion: 70 Resp: 53652

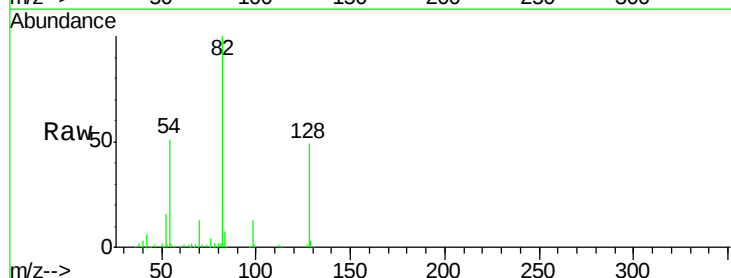
Ion Ratio Lower Upper

70 100

42 43.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

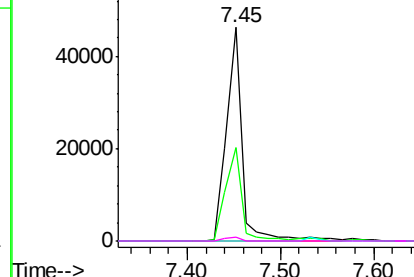
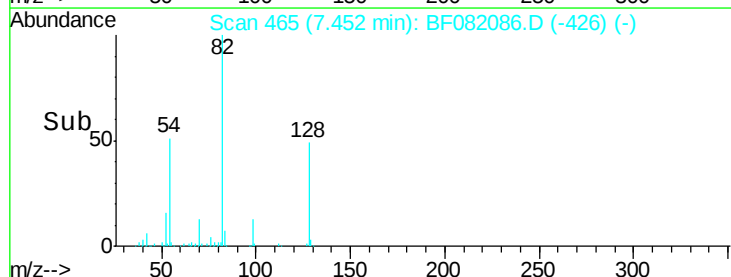


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

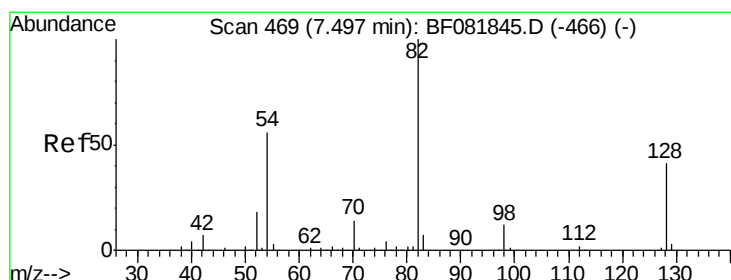
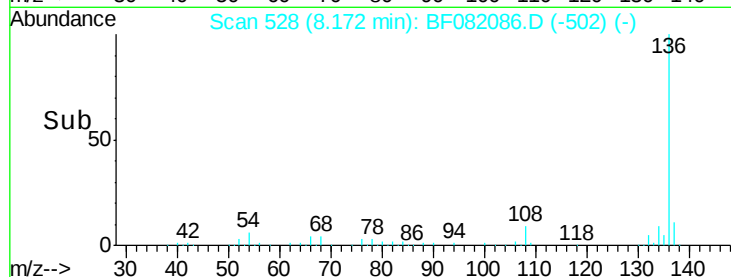
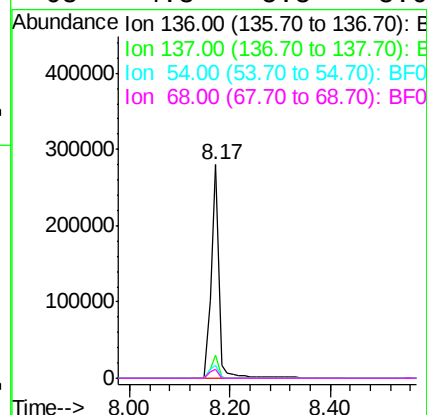
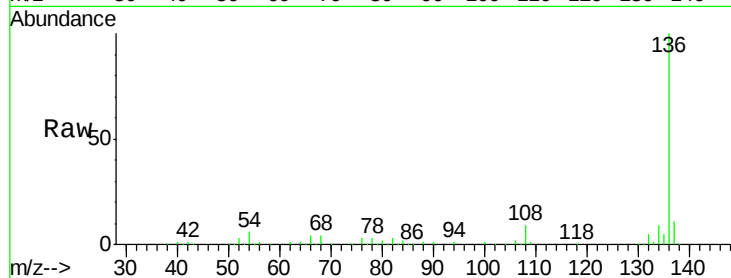




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082086.D
Acq: 6 Oct 2015 16:07

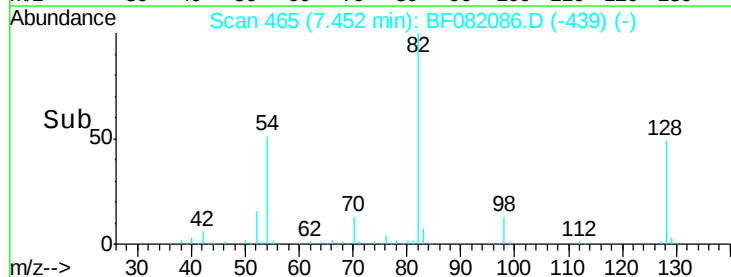
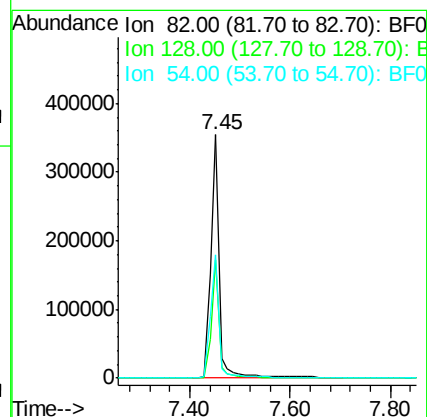
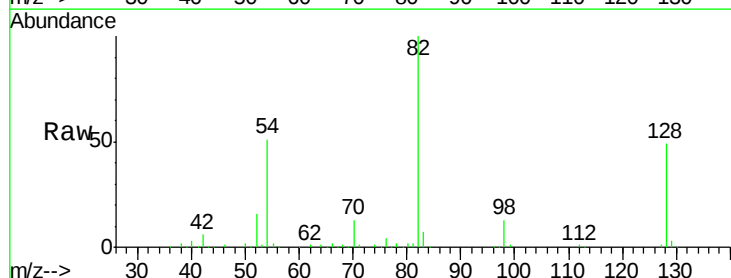
Instrument :
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ClientSampleId :
A5-COMP

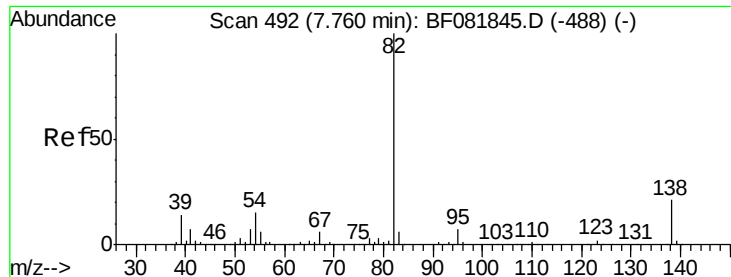
Tot Ion:136	Resp:	297370
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	6.2	8.2 12.2#
68	4.3	5.8 8.6#



#23
Nitrobenzene-d5
Concen: 93.56 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082086.D
Acq: 6 Oct 2015 16:07

Tgt Ion: 82	Resp:	417389
Ion Ratio	Lower	Upper
82	100	
128	48.6	51.0 76.6#
54	50.8	47.5 71.3





#25

Isophorone

Concen: 35.20 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF082086.D

Acq: 6 Oct 2015 16:07

Instrument :

BNA_F

ClientSampleId :

A5-COMP

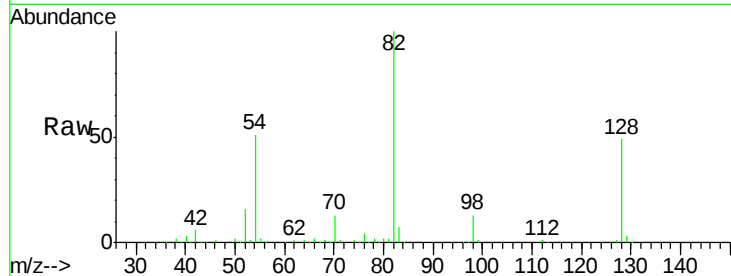
Tot Ion: 82 Resp: 311218

Ion Ratio Lower Upper

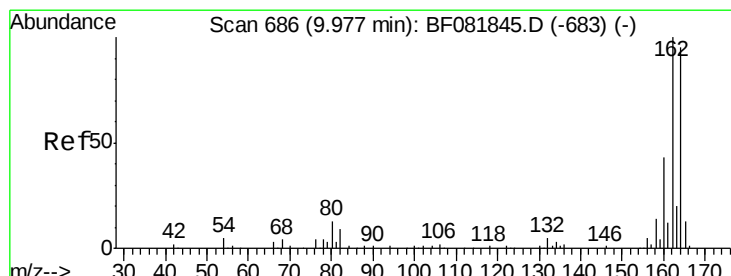
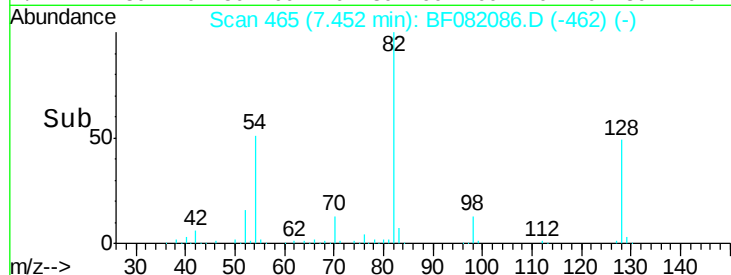
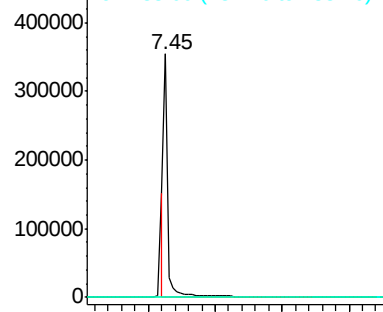
82 100

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: 9.92 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF082086.D

Acq: 6 Oct 2015 16:07

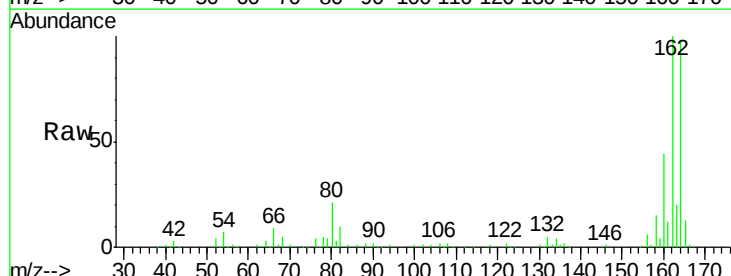
Tgt Ion:164 Resp: 140134

Ion Ratio Lower Upper

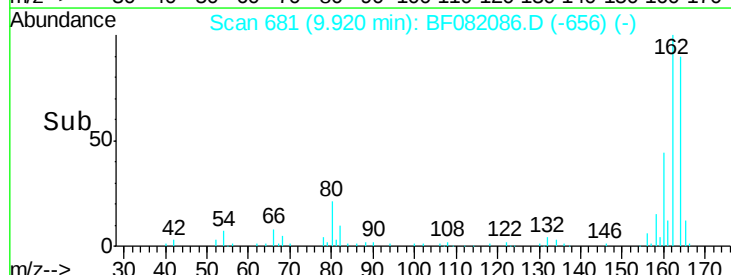
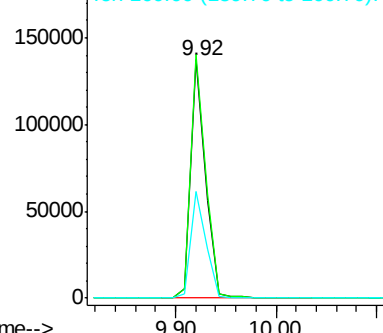
164 100

162 102.1 75.2 112.8

160 44.8 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

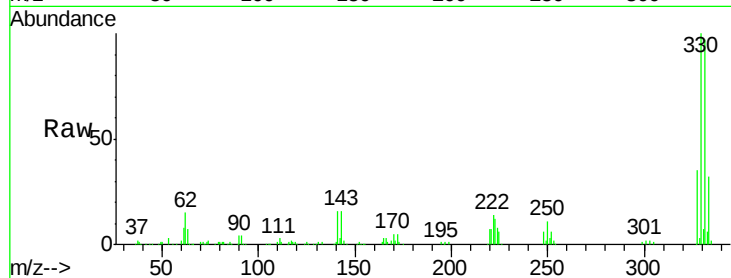




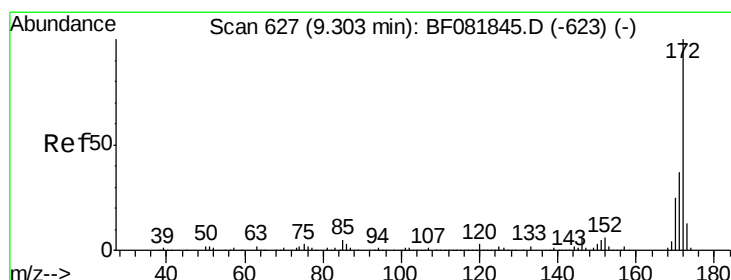
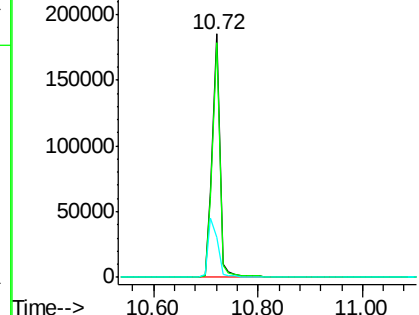
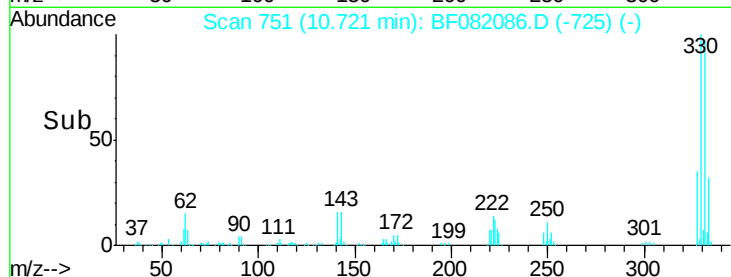
#41
 2,4,6-Tribromophenol
 Concen: 134.27 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082086.D
 Acq: 6 Oct 2015 16:07

Instrument :
 BNA_F
 ClientSampleId :
 A5-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	30.5	29.7	44.5

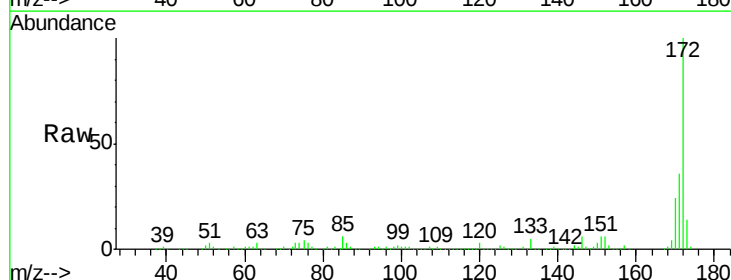


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

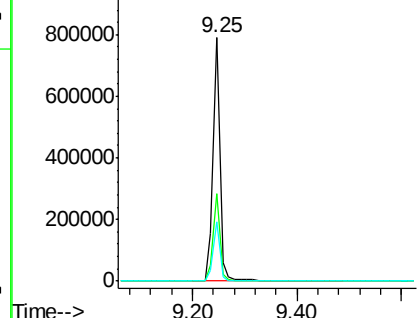
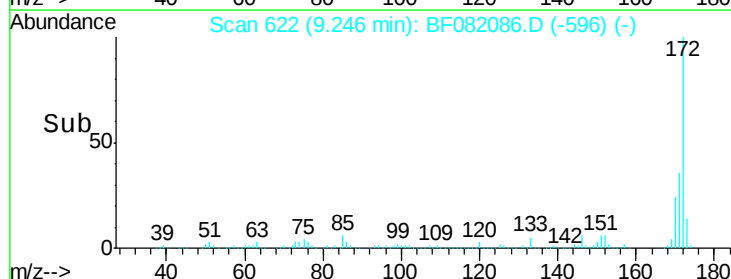


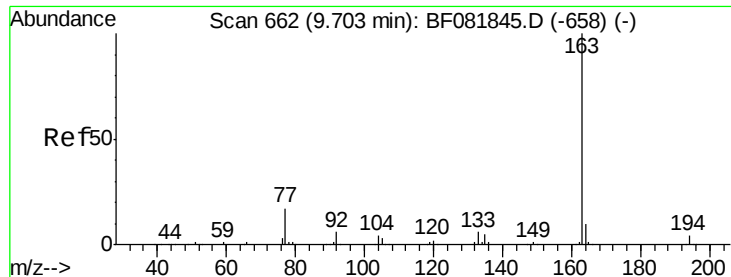
#44
 2-Fluorobiphenyl
 Concen: 88.04 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082086.D
 Acq: 6 Oct 2015 16:07

Tgt 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

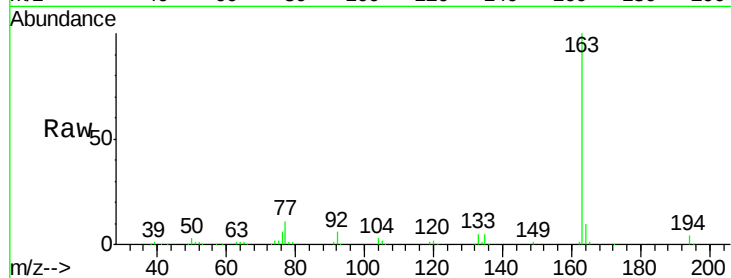




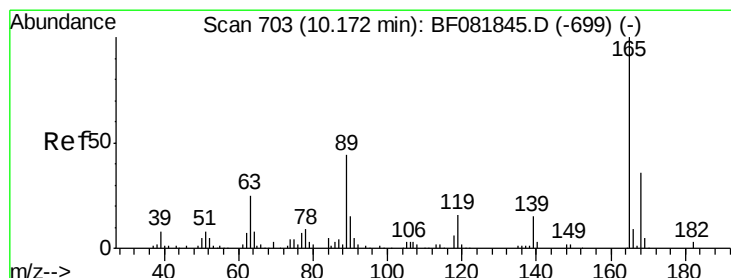
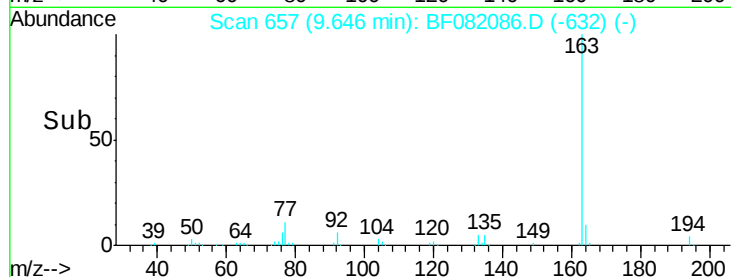
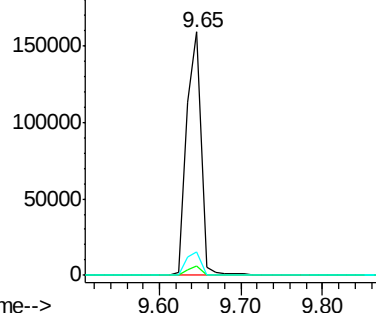
#49
Dimethylphthalate
Concen: 20.28 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082086.D
Acq: 6 Oct 2015 16:07

Instrument :
BNA_F
ClientSampleId :
A5-COMP

Tot Ion:163 Resp: 196186
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 9.6 8.3 12.5

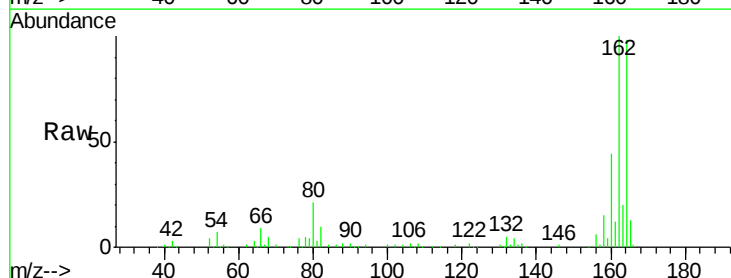


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

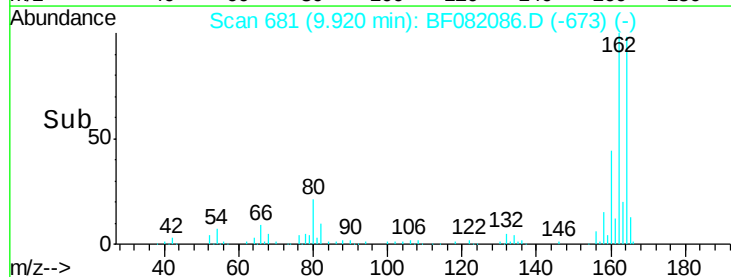
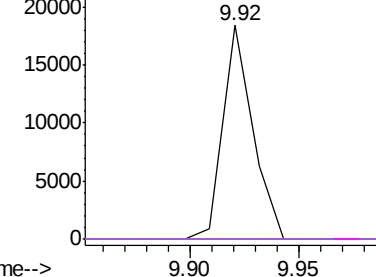


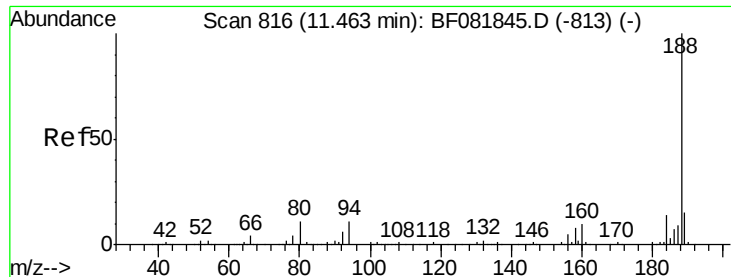
#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.21 min
Lab File: BF082086.D
Acq: 6 Oct 2015 16:07

Tgt Ion:165 Resp: 17498
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#



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

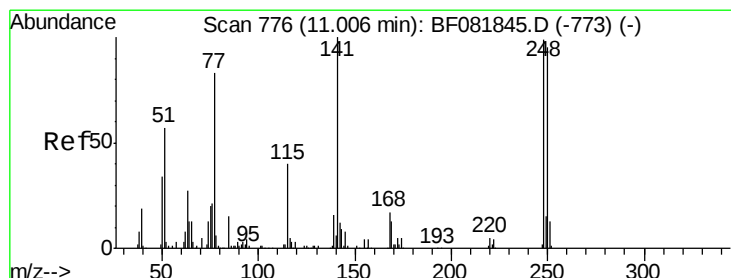
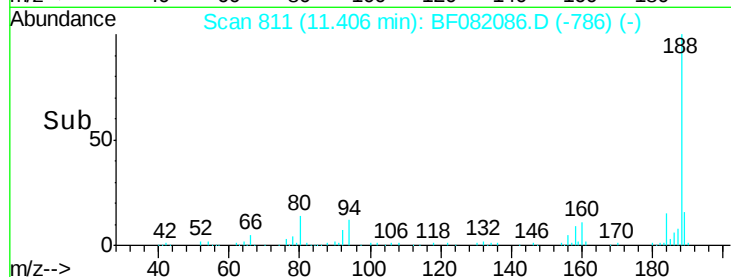
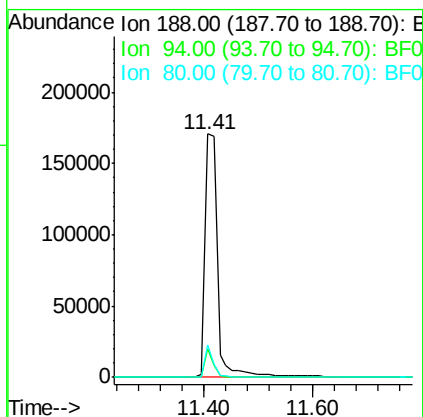
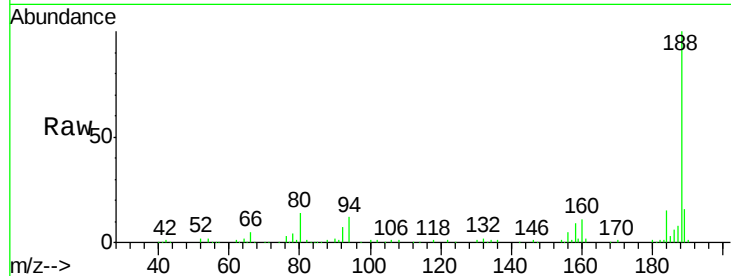




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF082086.D
Acq: 6 Oct 2015 16:07

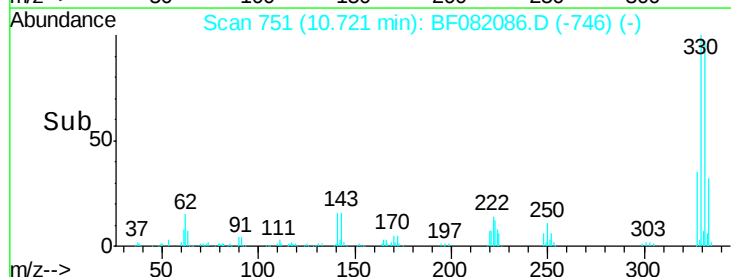
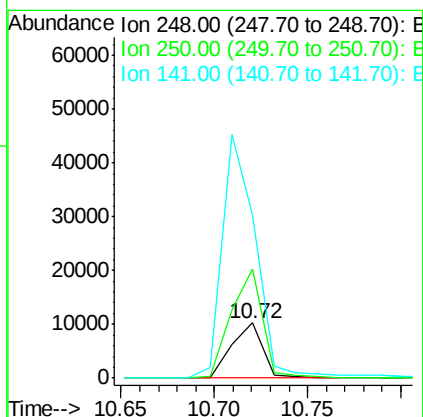
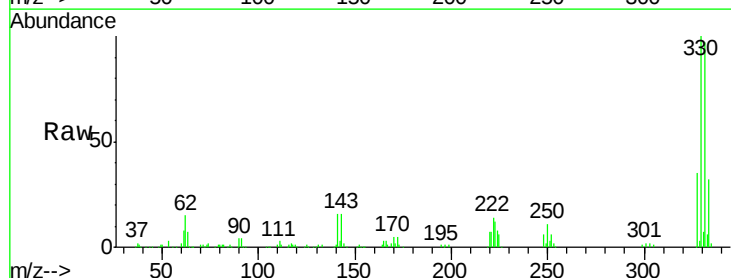
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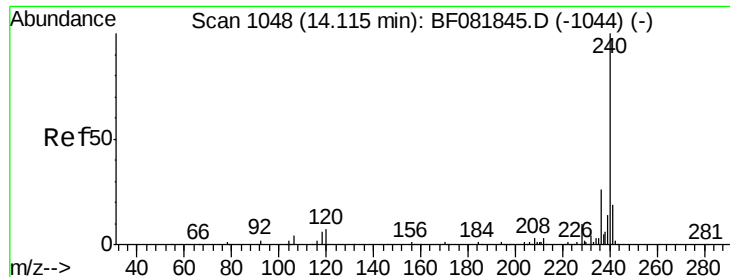
Tot Ion:188 Resp: 272785
Ion Ratio Lower Upper
188 100
94 11.9 11.1 16.7
80 13.6 11.0 16.4



#66
4-Bromophenyl-phenylether
Concen: 4.32 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF082086.D
Acq: 6 Oct 2015 16:07

Tgt Ion:248 Resp: 11875
Ion Ratio Lower Upper
248 100
250 198.8 78.5 117.7#
141 295.4 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082086.D

Acq: 6 Oct 2015 16:07

Instrument :

BNA_F

ClientSampleId :

A5-COMP

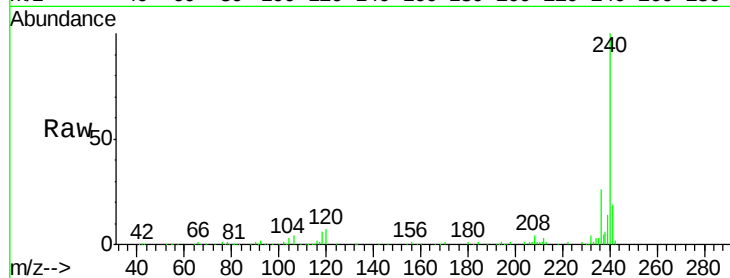
Tot Ion:240 Resp: 242986

Ion Ratio Lower Upper

240 100

120 6.9 16.2 24.2#

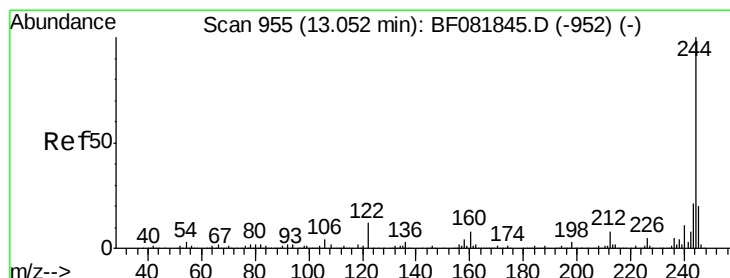
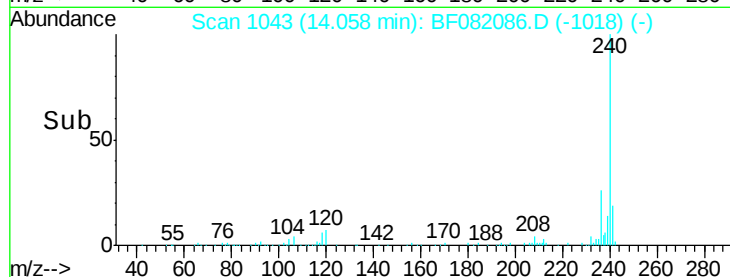
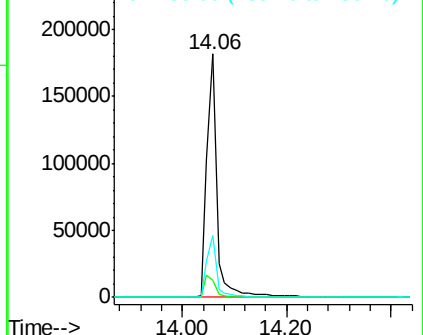
236 25.5 18.4 27.6



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: 102.71 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF082086.D

Acq: 6 Oct 2015 16:07

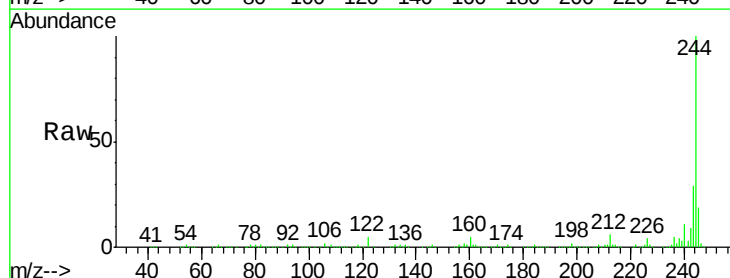
Tgt Ion:244 Resp: 728907

Ion Ratio Lower Upper

244 100

212 6.3 4.3 6.5

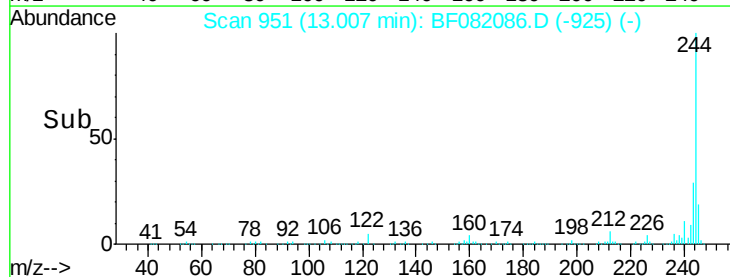
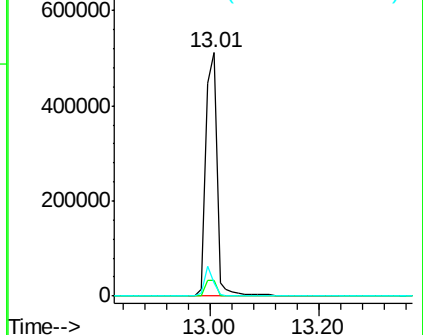
122 5.3 17.4 26.2#

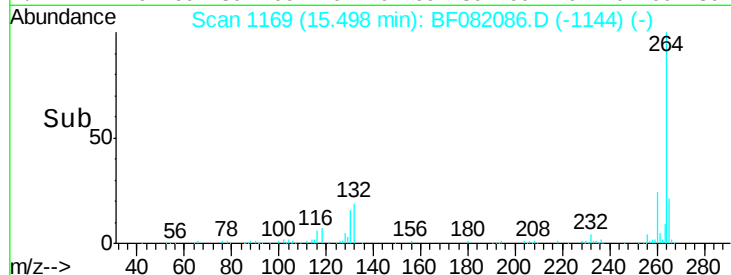
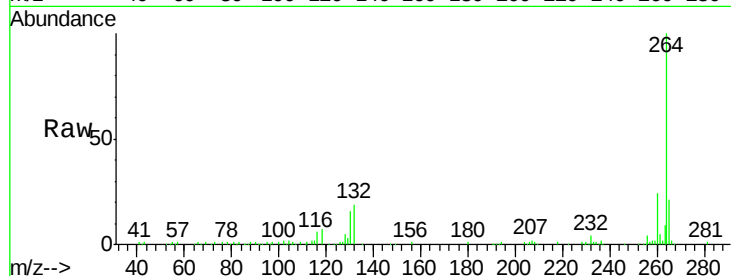
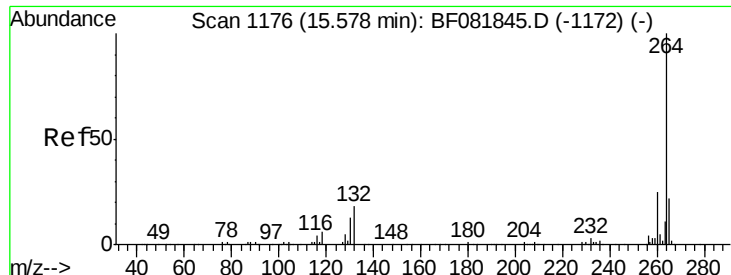


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF082086.D
 Acq: 6 Oct 2015 16:07

Instrument :
 BNA_F
 ClientSampleId :
 A5-COMP

Tot Ion:264	Resp:	195386
Ion Ratio	Lower	Upper
264	100	
260	23.6	16.7 25.1
265	21.4	17.2 25.8

