

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
 Data File : BF082161.D
 Acq On : 9 Oct 2015 23:17
 Operator : UM/IZ
 Sample : G3928-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 00:13:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 22:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	88481	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	351222	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	149803	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	243566	20.00	ng	0.00
75) Chrysene-d12	14.02	240	206612	20.00	ng	-0.01
86) Perylene-d12	15.46	264	146288	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	614247	126.02	ng	0.02
7) Phenol-d6	6.49	99	786127	128.17	ng	0.00
23) Nitrobenzene-d5	7.42	82	377536	71.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	153286	101.04	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	736986	81.70	ng	0.00
78) Terphenyl-d14	12.97	244	601793	98.26	ng	0.00

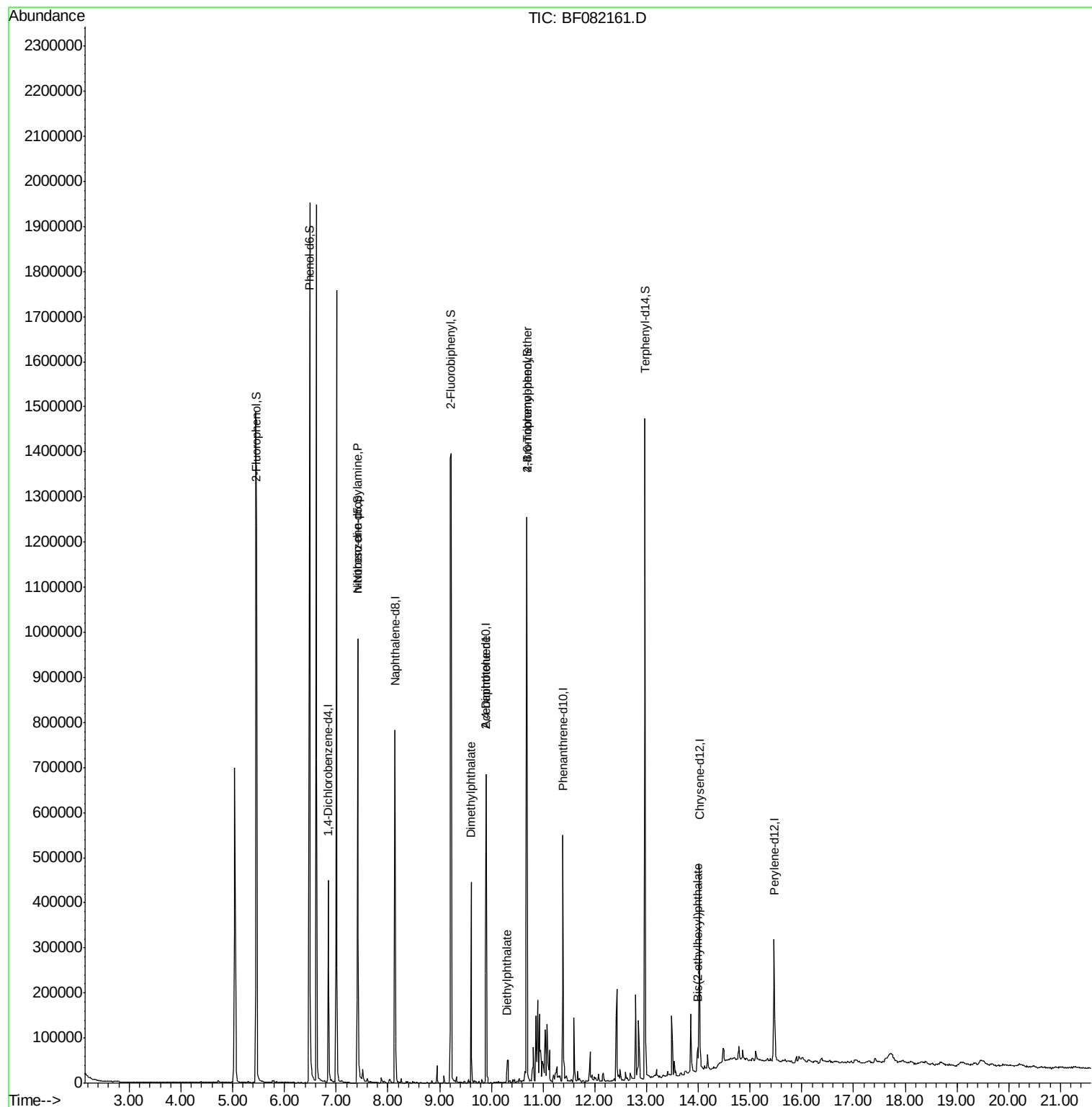
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	50728	13.61	ng	# 58
49) Dimethylphthalate	9.61	163	180185	17.43	ng	# 96
56) 2,4-Dinitrotoluene	9.90	165	18505	6.47	ng	# 33
57) Fluorene	10.45	166	3031	Below Cal		# 80
59) Diethylphthalate	10.31	149	21387	2.21	ng	# 96
66) 4-Bromophenyl-phenylether	10.69	248	10882	4.43	ng	# 1
70) Phenanthrene	11.41	178	11672	Below Cal		# 99
73) Di-n-butylphthalate	11.94	149	6524	Below Cal		# 99
83) Bis(2-ethylhexyl)phthalate	13.99	149	33923	5.82	ng	# 93

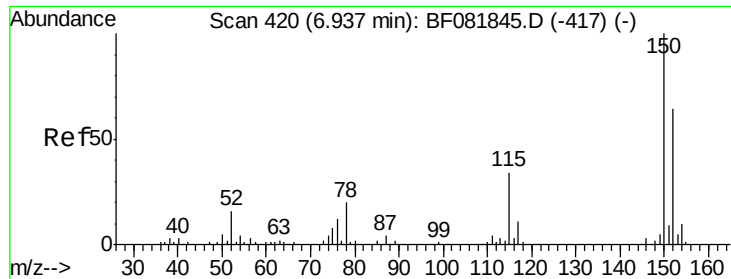
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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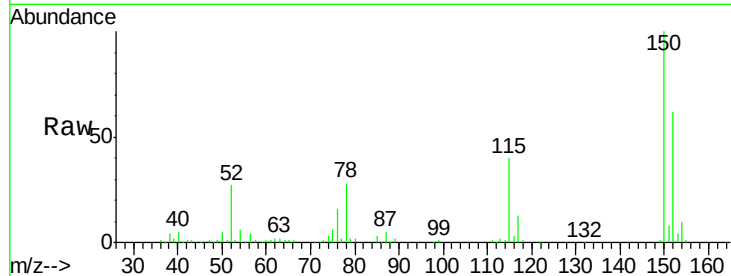


#1

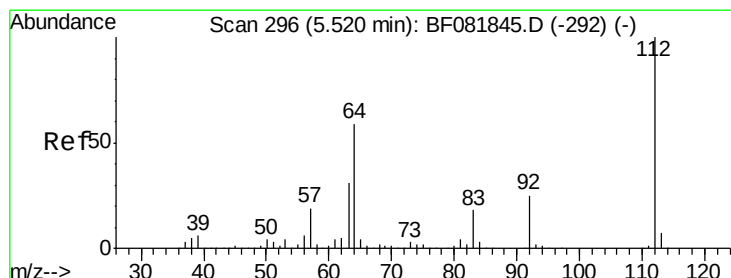
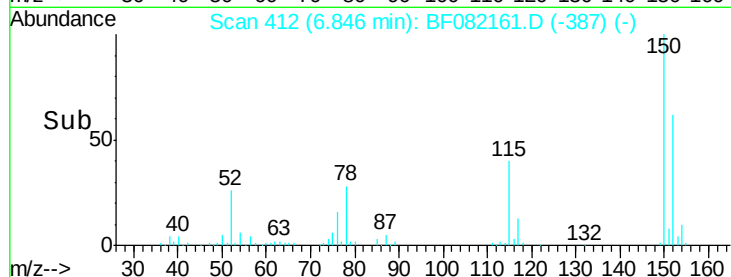
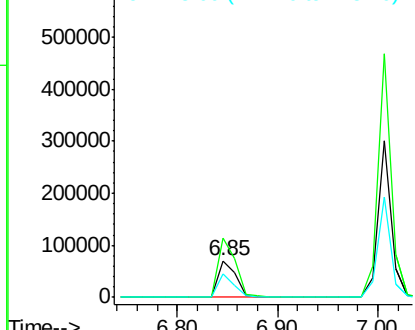
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF082161.D
Acq: 9 Oct 2015 23:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88481
Ion Ratio Lower Upper
152 100
150 162.3 124.7 187.1
115 65.3 39.0 58.4#



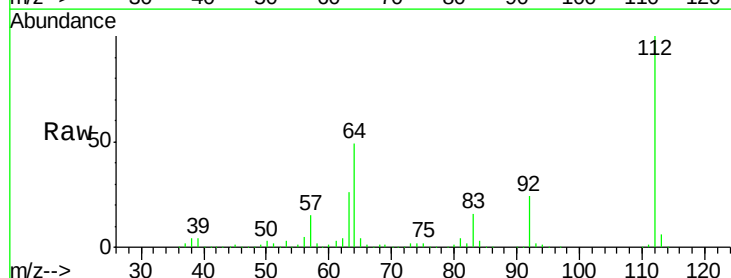
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



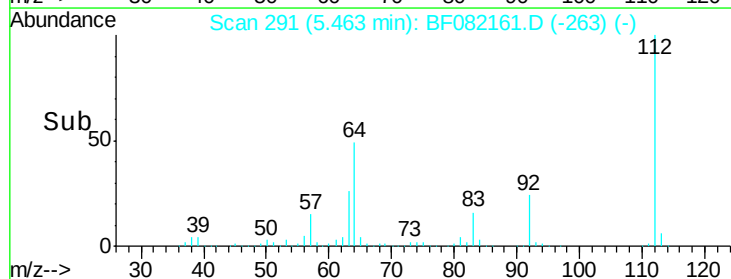
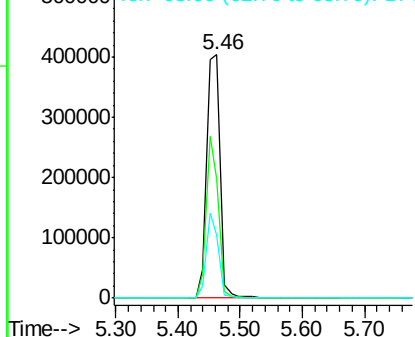
#5

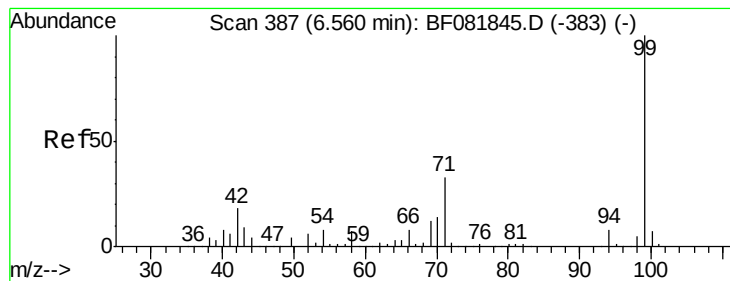
2-Fluorophenol
Concen: 126.02 ng
RT: 5.46 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF082161.D
Acq: 9 Oct 2015 23:17

Tgt Ion:112 Resp: 614247
Ion Ratio Lower Upper
112 100
64 49.1 39.7 59.5
63 25.8 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: 128.17 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082161.D

Acq: 9 Oct 2015 23:17

Instrument :

BNA_F

ClientSampled :

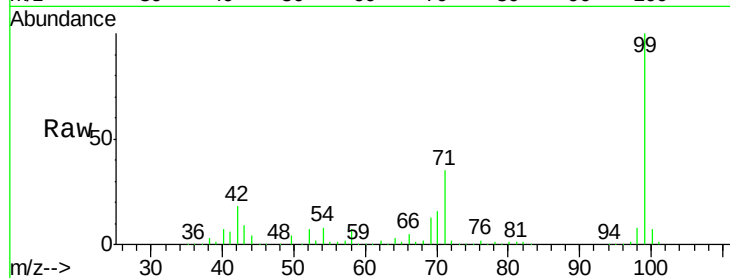
Tot Ion: 99 Resp: 786127

Ion Ratio Lower Upper

99 100

42 18.2 13.7 20.5

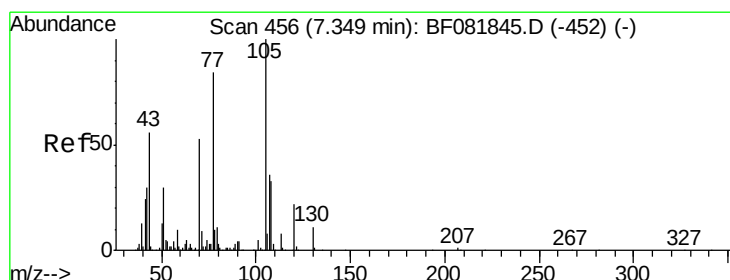
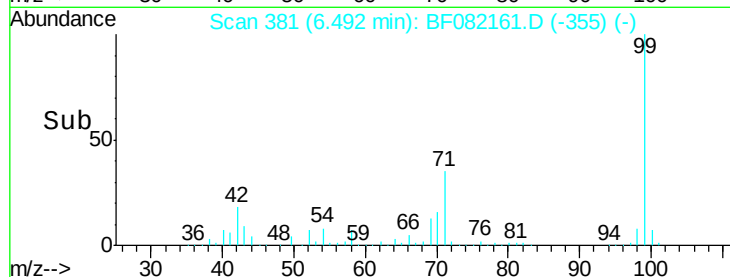
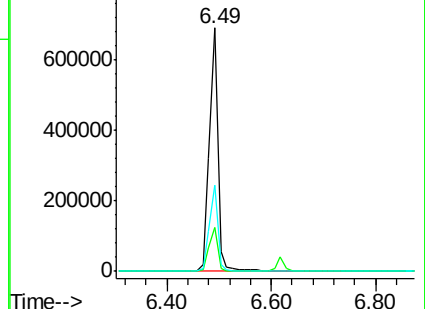
71 35.2 14.2 21.2#



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: 13.61 ng

RT: 7.42 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF082161.D

Acq: 9 Oct 2015 23:17

Tgt Ion: 70 Resp: 50728

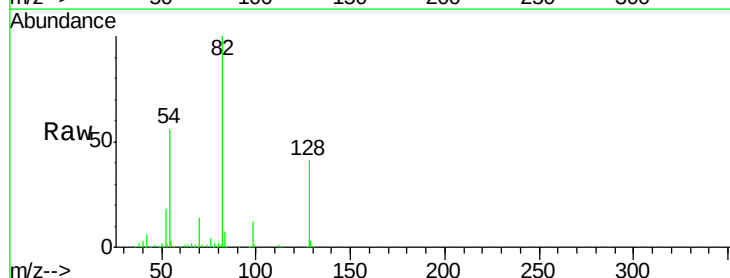
Ion Ratio Lower Upper

70 100

42 46.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

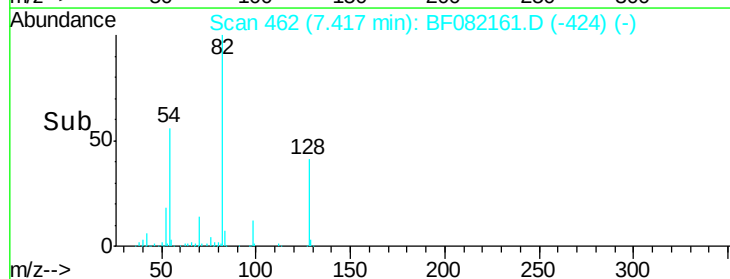
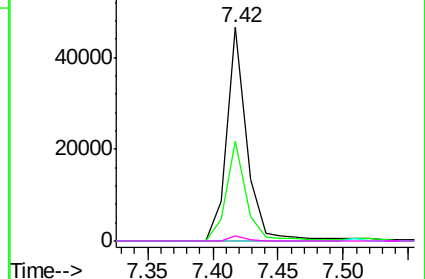


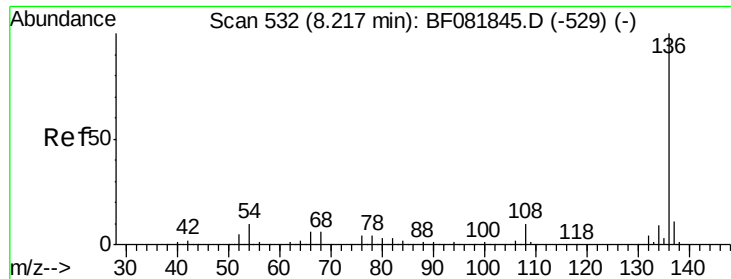
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

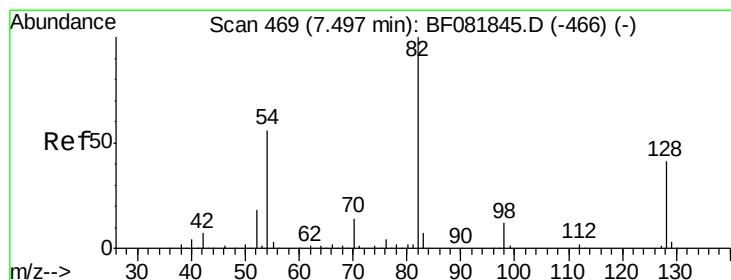
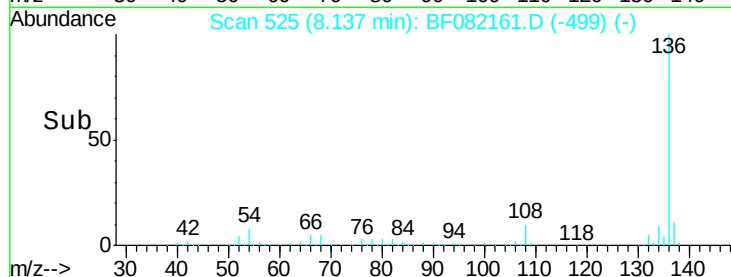
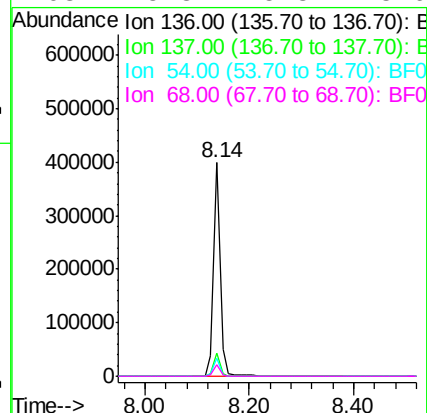
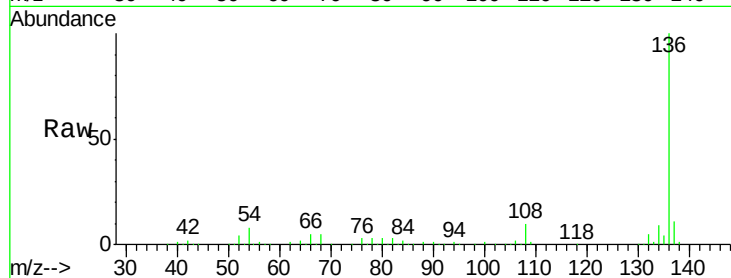




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082161.D
Acq: 9 Oct 2015 23:17

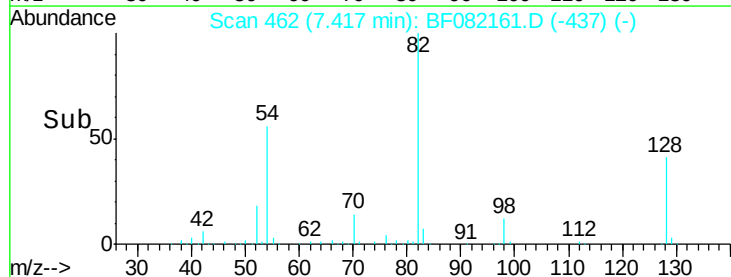
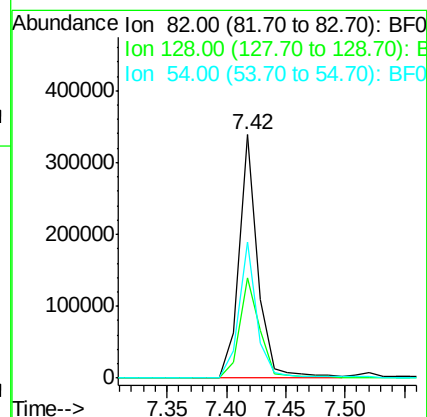
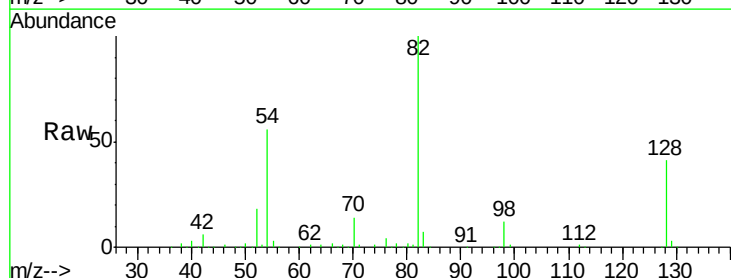
Instrument :
BNA_F
ClientSampleId :

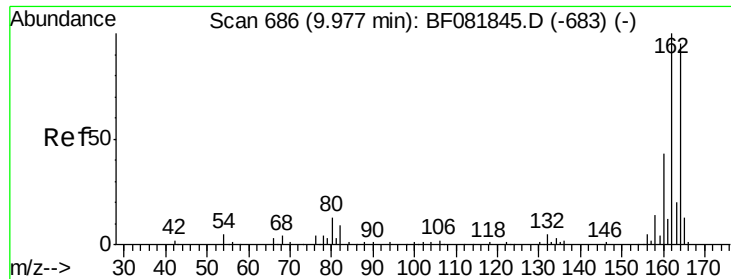
Tot Ion:136	Resp:	351222
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	8.1	8.2 12.2#
68	5.3	5.8 8.6#



#23
Nitrobenzene-d5
Concen: 71.65 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF082161.D
Acq: 9 Oct 2015 23:17

Tgt Ion: 82	Resp:	377536
Ion Ratio	Lower	Upper
82	100	
128	41.0	51.0 76.6#
54	55.9	47.5 71.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF082161.D

Acq: 9 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

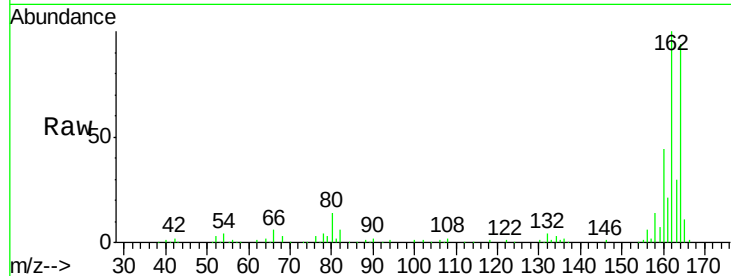
Tot Ion:164 Resp: 149803

Ion Ratio Lower Upper

164 100

162 106.0 75.2 112.8

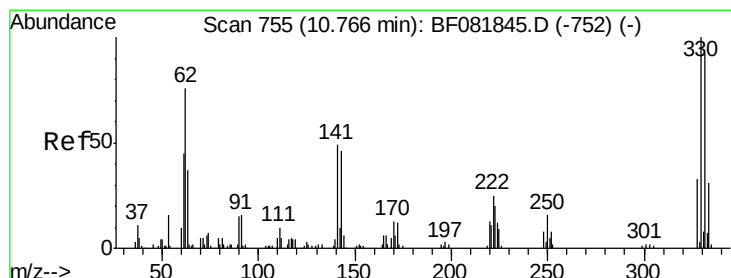
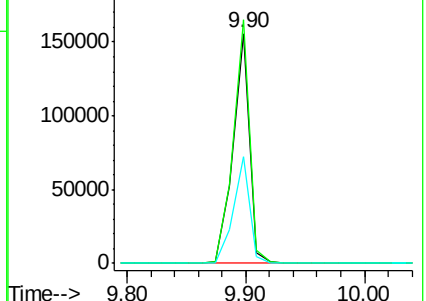
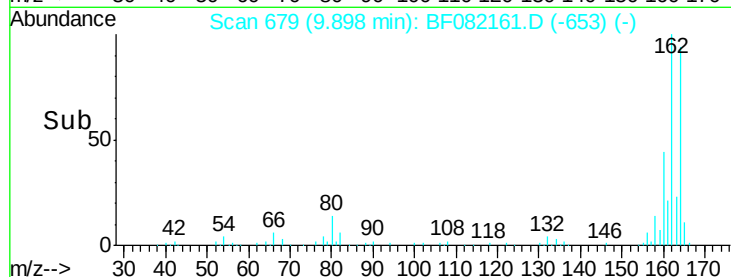
160 46.7 31.5 47.3



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: 101.04 ng

RT: 10.69 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF082161.D

Acq: 9 Oct 2015 23:17

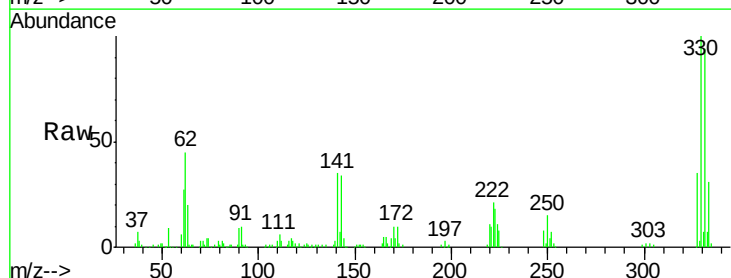
Tgt Ion:330 Resp: 153286

Ion Ratio Lower Upper

330 100

332 94.5 76.6 114.8

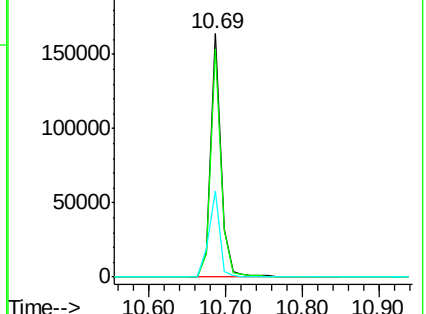
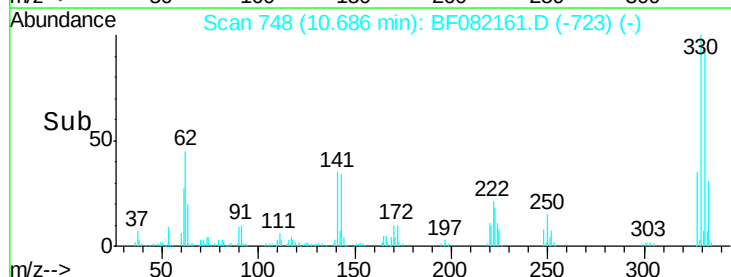
141 36.9 29.7 44.5

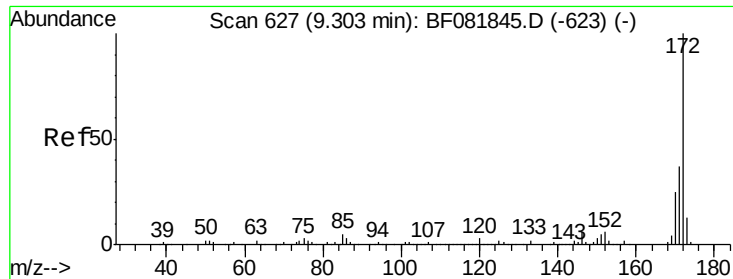


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

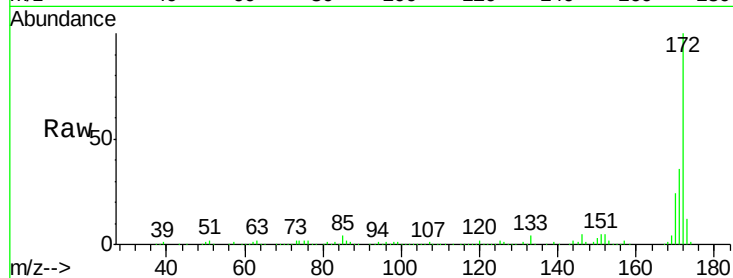




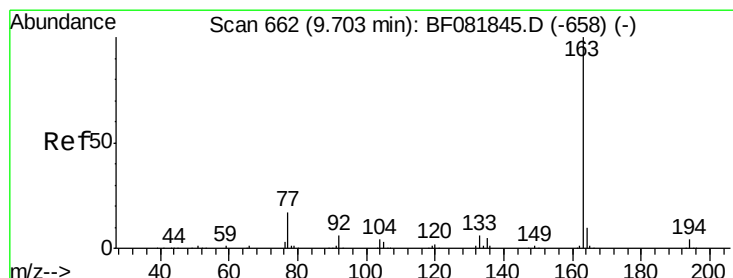
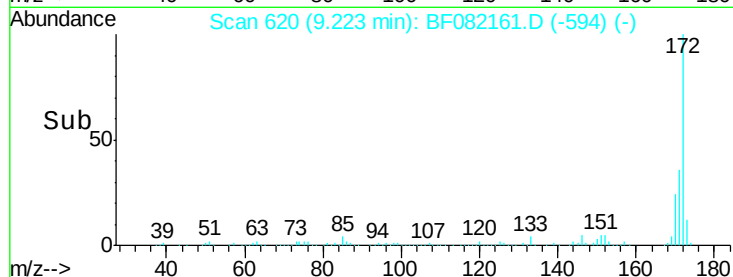
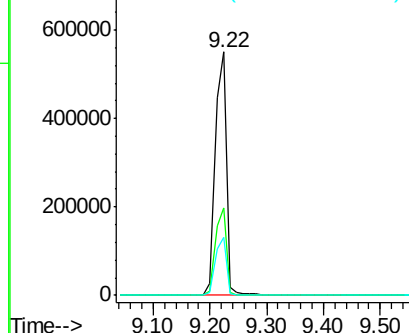
#44
2-Fluorobiphenyl
Concen: 81.70 ng
RT: 9.22 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF082161.D
Acq: 9 Oct 2015 23:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 736986
Ion Ratio Lower Upper
172 100
171 35.7 26.1 39.1
170 23.8 17.4 26.2

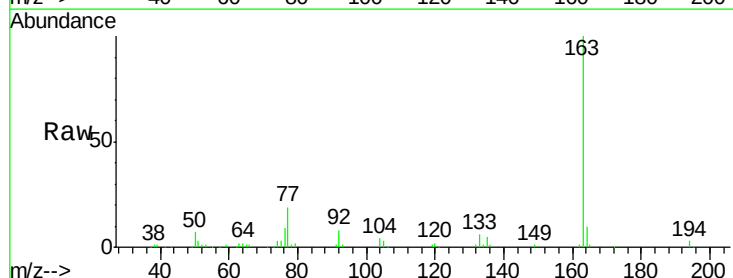


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

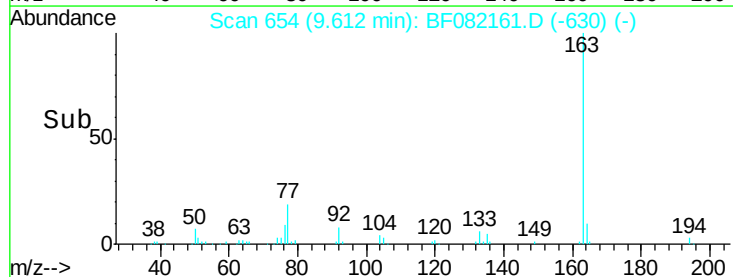
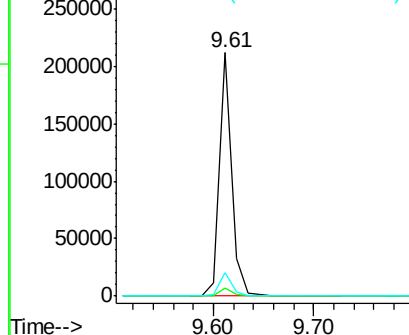


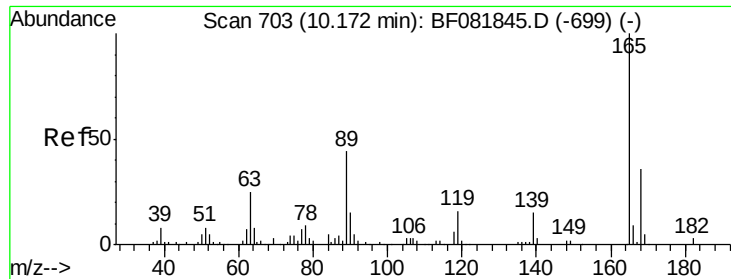
#49
Dimethylphthalate
Concen: 17.43 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF082161.D
Acq: 9 Oct 2015 23:17

Tgt Ion:163 Resp: 180185
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 9.7 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

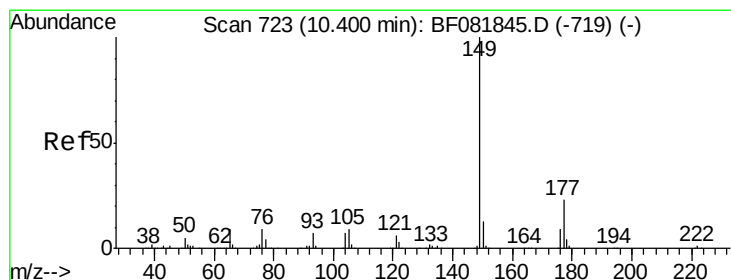
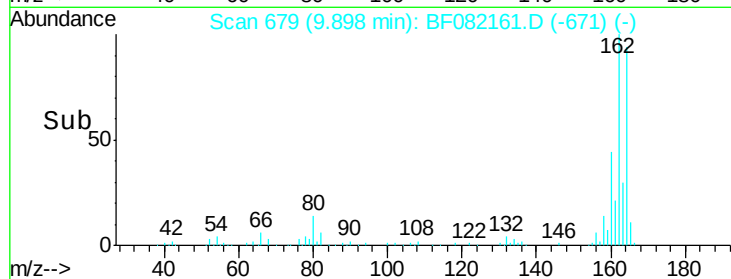
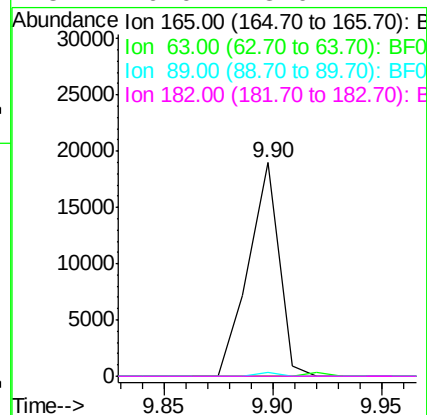
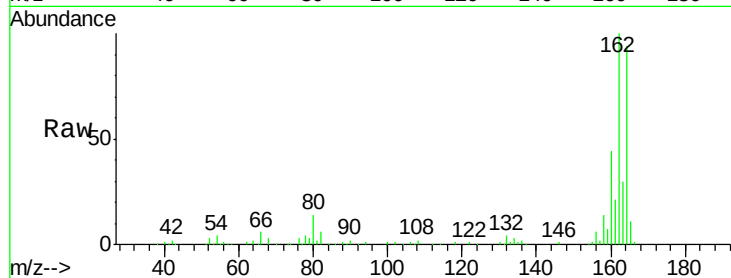




#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.21 min
Lab File: BF082161.D
Acq: 9 Oct 2015 23:17

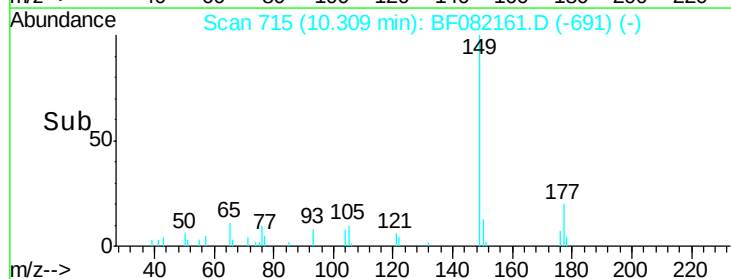
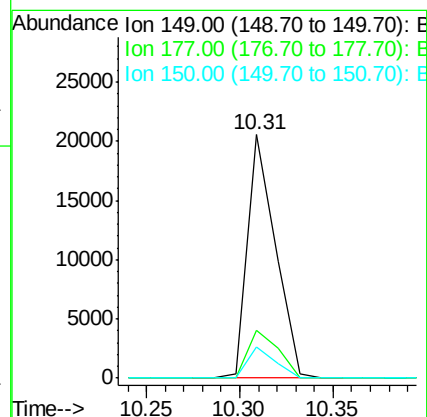
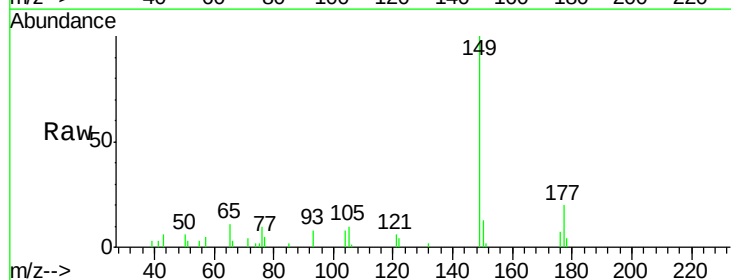
Instrument :
BNA_F
ClientSampleId :

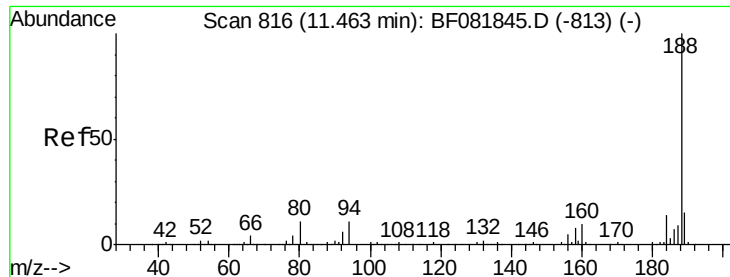
Tot Ion:165	Resp:	18505
Ion Ratio	Lower	Upper
165	100	
63	0.0	29.8 44.6#
89	1.6	44.5 66.7#
182	0.0	3.0 4.4#



#59
Diethylphthalate
Concen: 2.21 ng
RT: 10.31 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF082161.D
Acq: 9 Oct 2015 23:17

Tgt Ion:149	Resp:	21387
Ion Ratio	Lower	Upper
149	100	
177	19.7	17.5 26.3
150	13.0	9.4 14.2

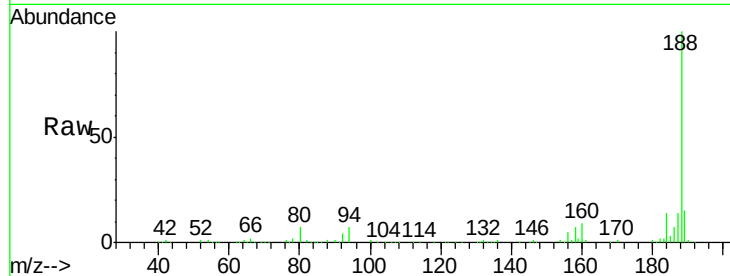




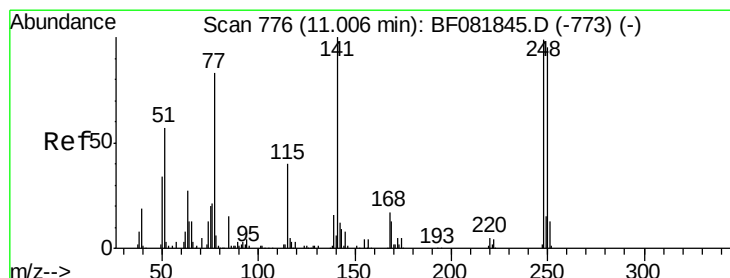
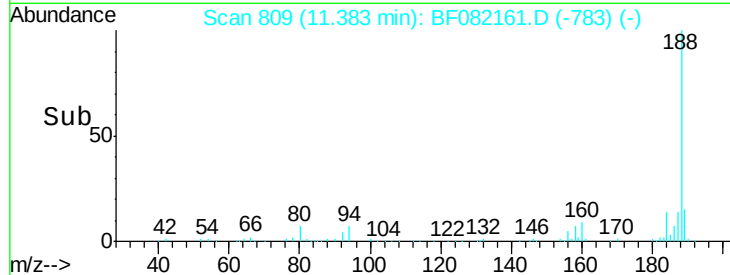
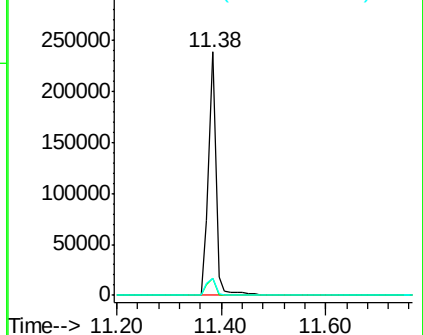
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF082161.D
 Acq: 9 Oct 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 243566
 Ion Ratio Lower Upper
 188 100
 94 6.8 11.1 16.7#
 80 6.8 11.0 16.4#

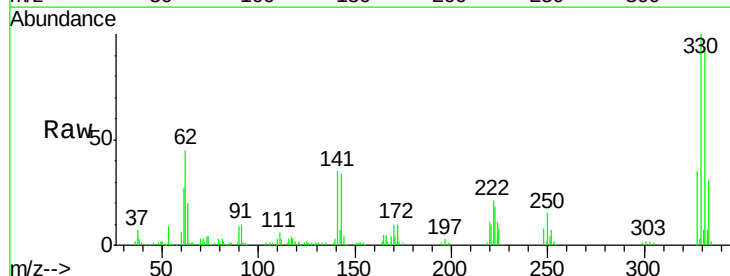


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

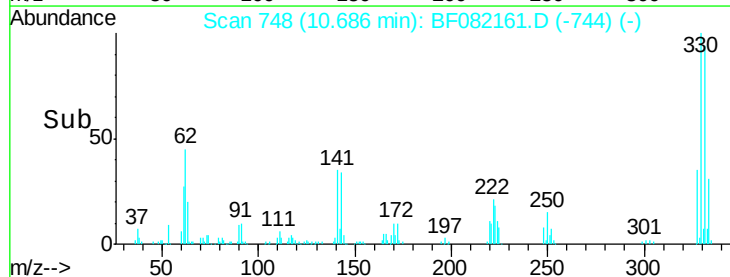
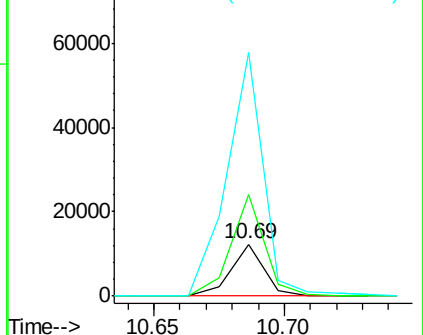


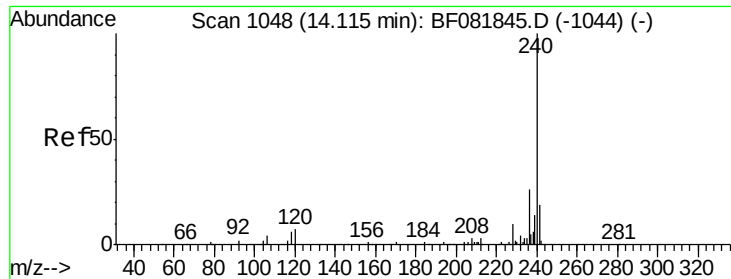
#66
 4-Bromophenyl-phenylether
 Concen: 4.43 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.25 min
 Lab File: BF082161.D
 Acq: 9 Oct 2015 23:17

Tgt Ion:248 Resp: 10882
 Ion Ratio Lower Upper
 248 100
 250 195.6 78.5 117.7#
 141 467.7 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF082161.D

Acq: 9 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

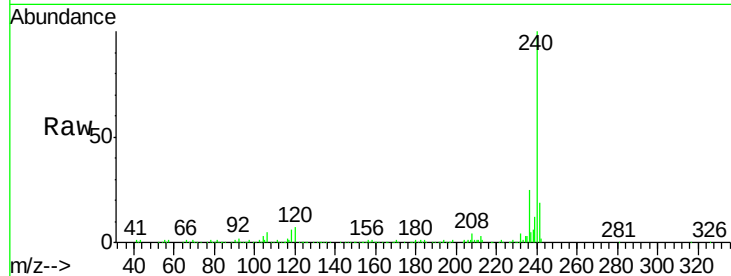
Tot Ion:240 Resp: 206612

Ion Ratio Lower Upper

240 100

120 6.9 16.2 24.2#

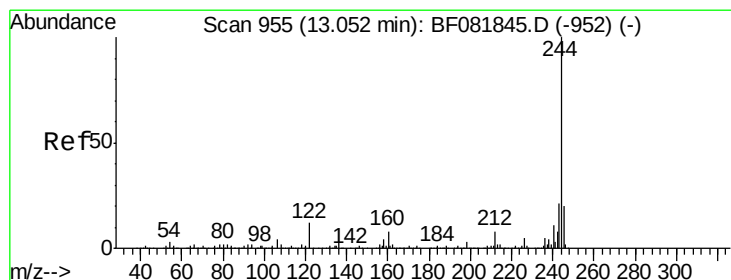
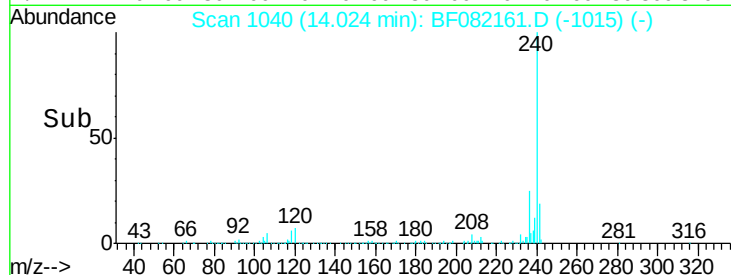
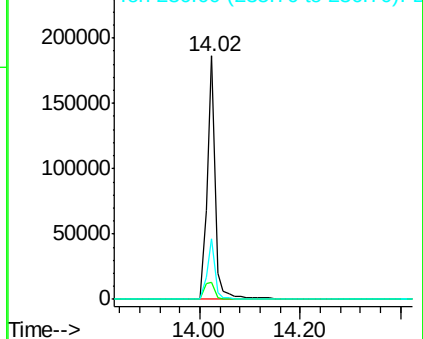
236 25.1 18.4 27.6



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: 98.26 ng

RT: 12.97 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF082161.D

Acq: 9 Oct 2015 23:17

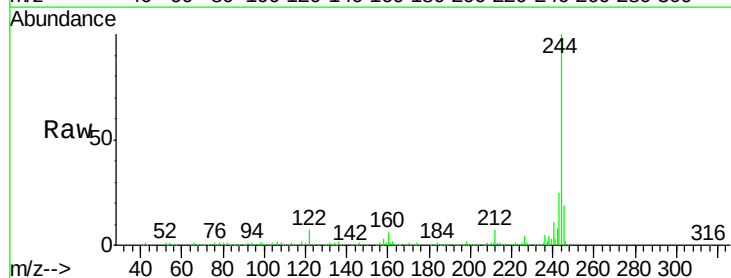
Tgt Ion:244 Resp: 601793

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

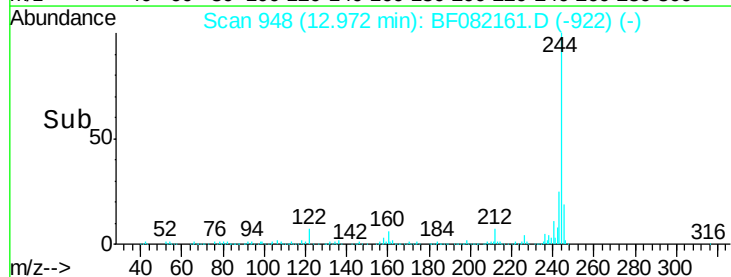
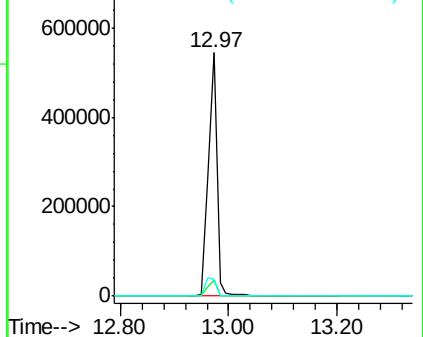
122 7.2 17.4 26.2#

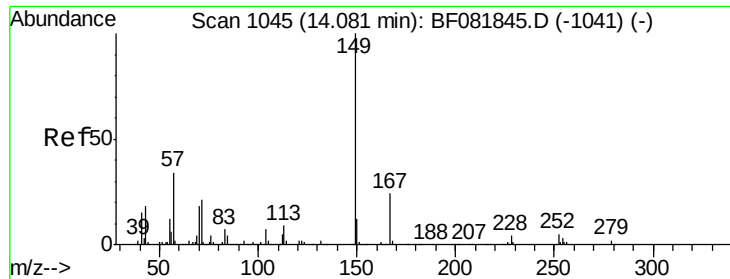


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

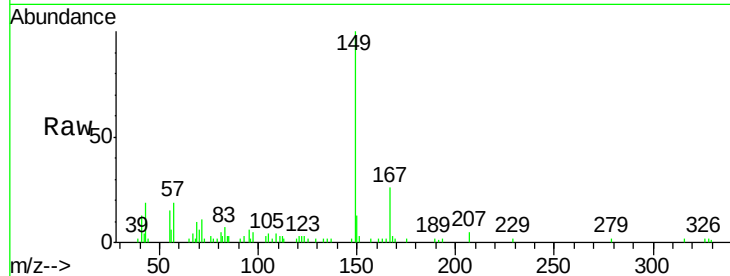




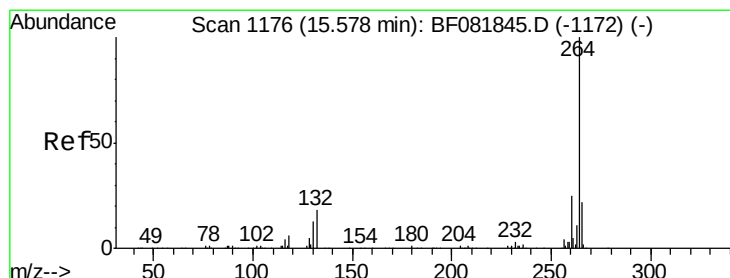
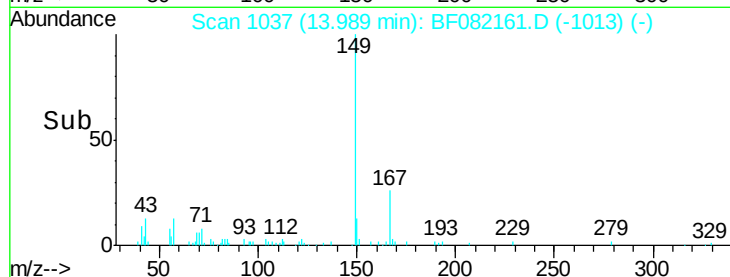
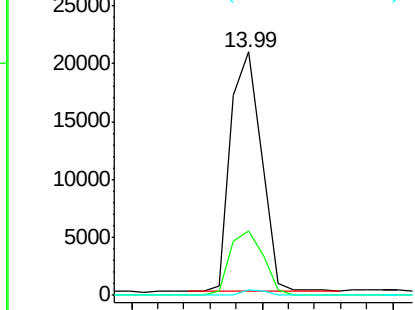
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.82 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082161.D
 Acq: 9 Oct 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 33923
 Ion Ratio Lower Upper
 149 100
 167 26.4 24.2 36.2
 279 2.2 3.8 5.6#

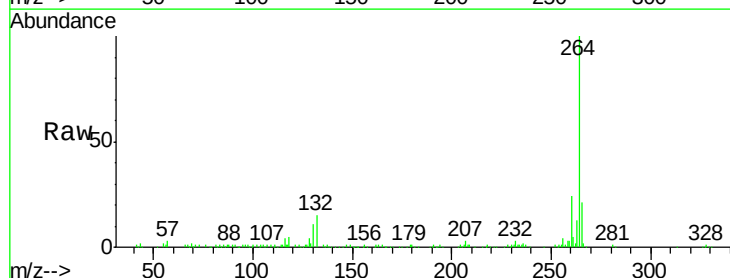


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF082161.D
 Acq: 9 Oct 2015 23:17

Tgt Ion:264 Resp: 146288
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 21.0 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

