

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
 Data File : BF082153.D
 Acq On : 9 Oct 2015 19:11
 Operator : UM/IZ
 Sample : G3970-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 22:52:32 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

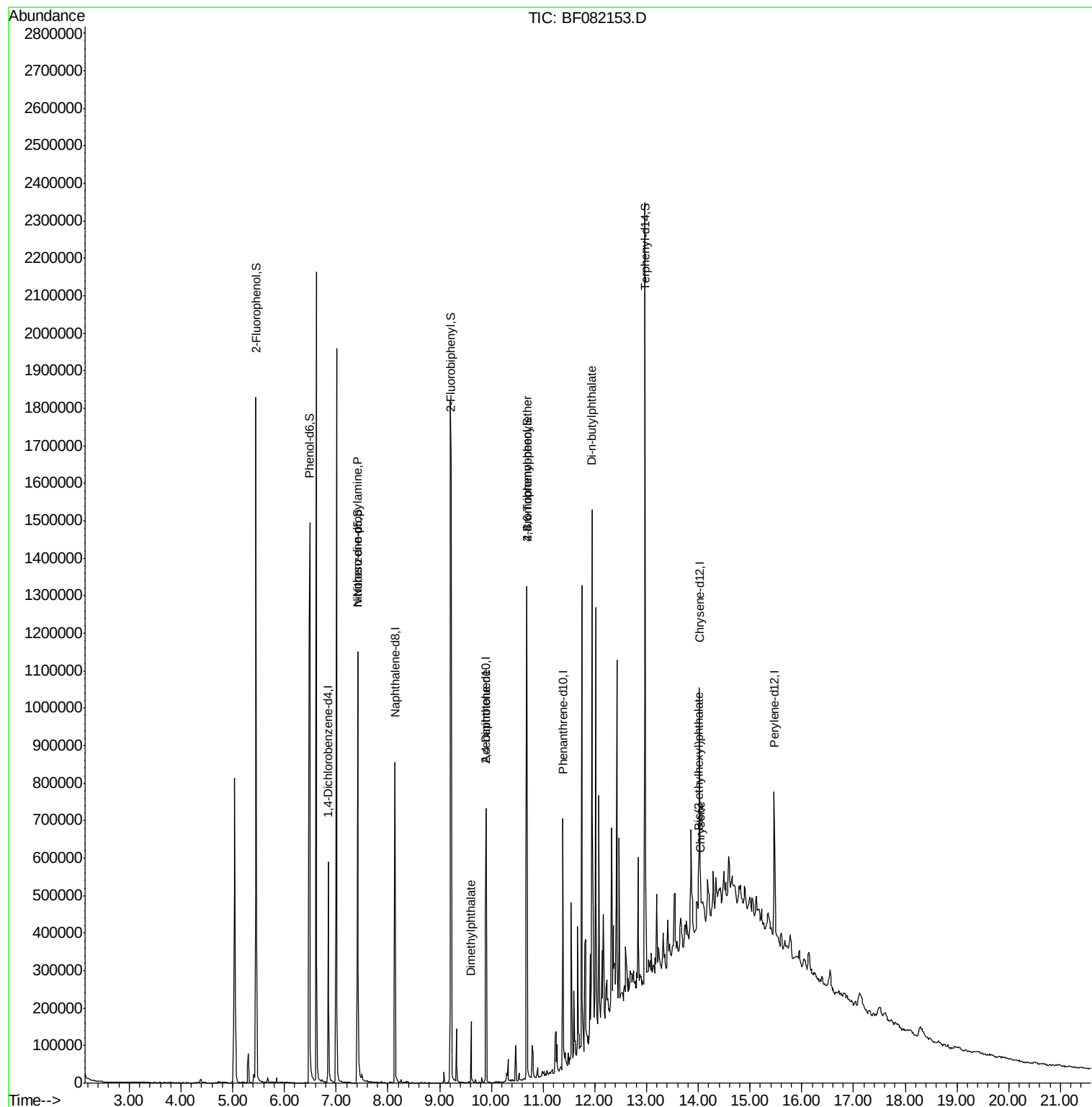
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105273	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	418701	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	189698	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	330200	20.00	ng	0.00
75) Chrysene-d12	14.02	240	251572	20.00	ng	-0.01
86) Perylene-d12	15.46	264	214654	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	562820	97.05	ng	0.01
7) Phenol-d6	6.49	99	794678	108.90	ng	0.00
23) Nitrobenzene-d5	7.42	82	461770	73.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	181151	94.29	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	944630	82.93	ng	0.00
78) Terphenyl-d14	12.97	244	742225	100.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	60685	13.68	ng	# 58
49) Dimethylphthalate	9.61	163	69397	5.30	ng	# 97
56) 2,4-Dinitrotoluene	9.90	165	23634	6.52	ng	# 33
57) Fluorene	10.69	166	8135	Below Cal	#	81
66) 4-Bromophenyl-phenylether	10.69	248	12610	3.79	ng	# 1
70) Phenanthrene	11.41	178	5222	Below Cal	#	97
73) Di-n-butylphthalate	11.94	149	965626	62.95	ng	# 97
82) Chrysene	14.05	228	22488	2.14	ng	# 91
83) Bis(2-ethylhexyl)phthalate	14.00	149	34485	4.86	ng	# 92

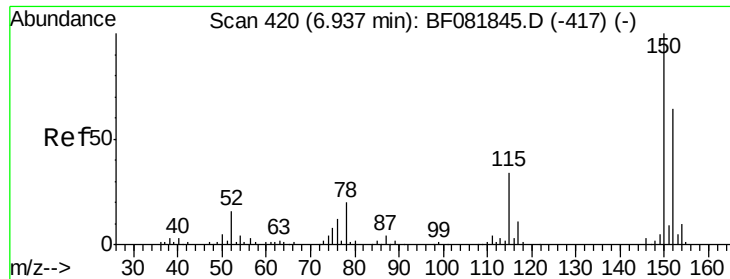
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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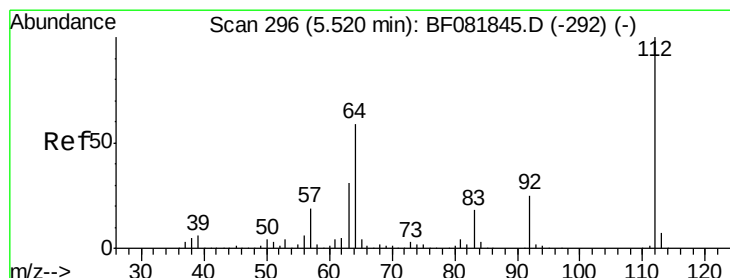
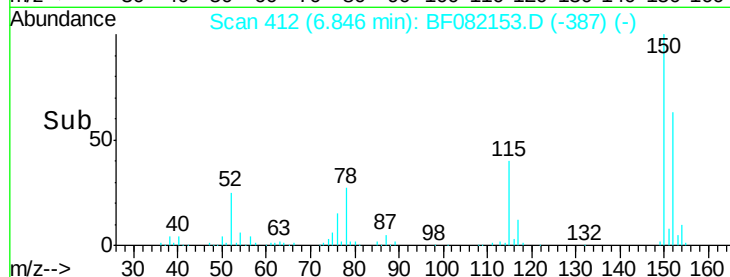
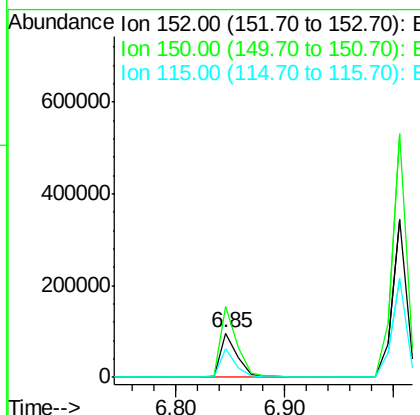
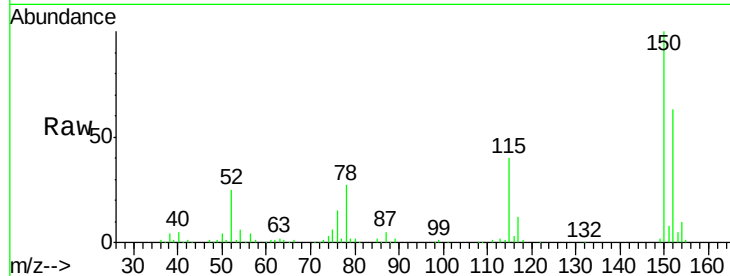


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF082153.D
Acq: 9 Oct 2015 19:11

Instrument :
BNA_F
ClientSampleId :

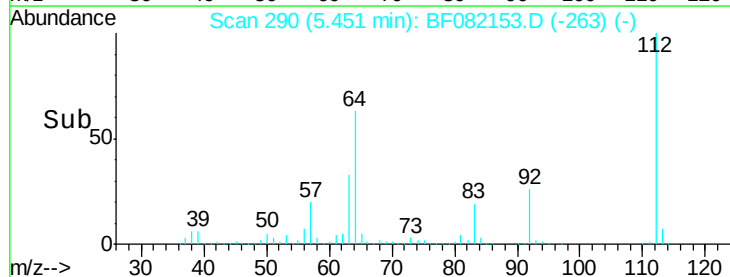
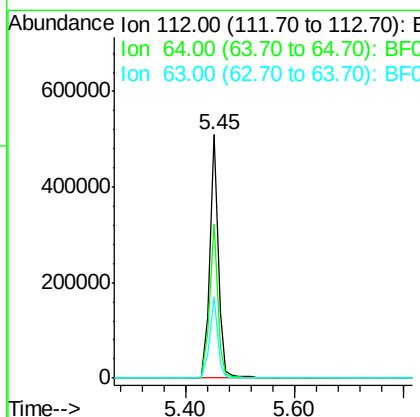
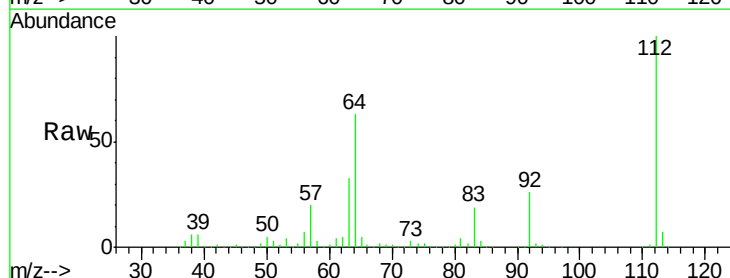
Tot Ion:152 Resp: 105273
Ion Ratio Lower Upper
152 100
150 158.5 124.7 187.1
115 63.4 39.0 58.4#

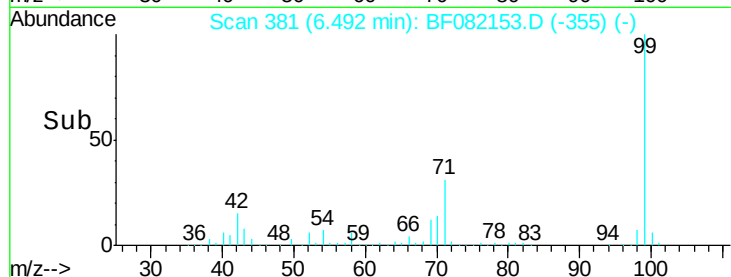
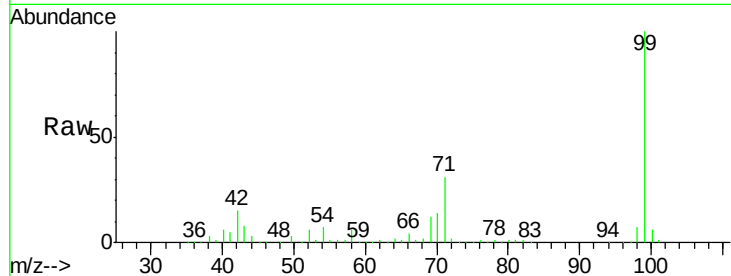
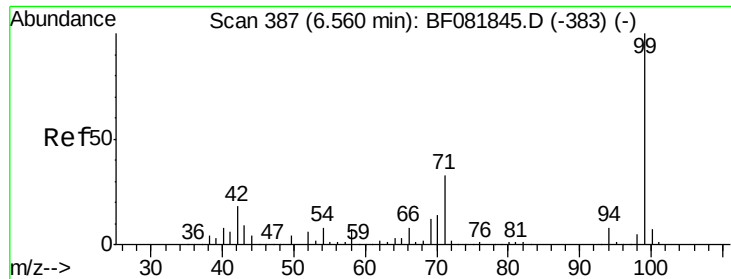


#5

2-Fluorophenol
Concen: 97.05 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF082153.D
Acq: 9 Oct 2015 19:11

Tgt Ion:112 Resp: 562820
Ion Ratio Lower Upper
112 100
64 63.1 39.7 59.5#
63 33.2 17.4 26.0#





#7

Phenol-d6

Concen: 108.90 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

Instrument :

BNA_F

ClientSampleId :

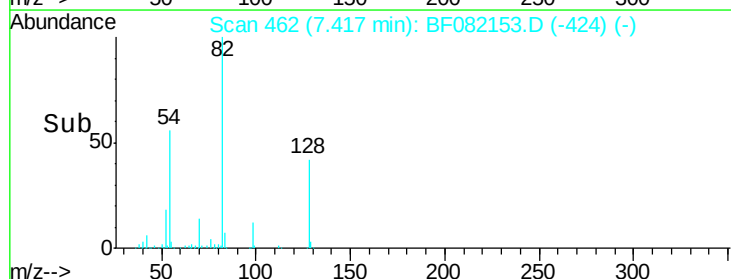
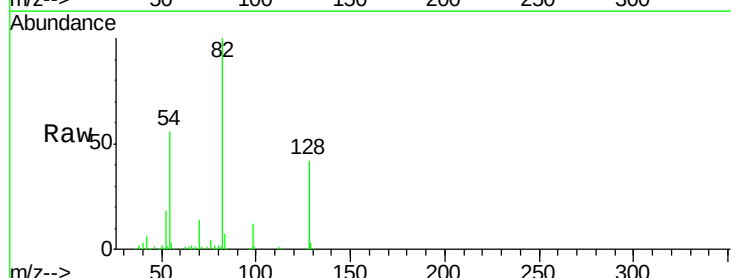
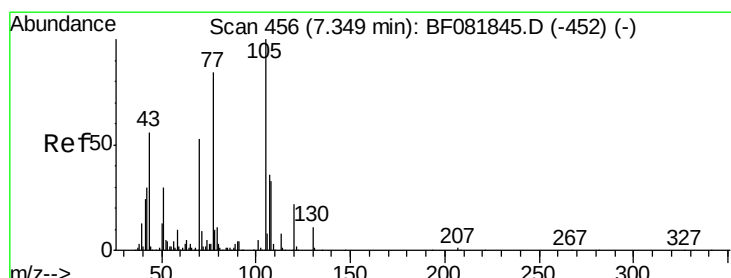
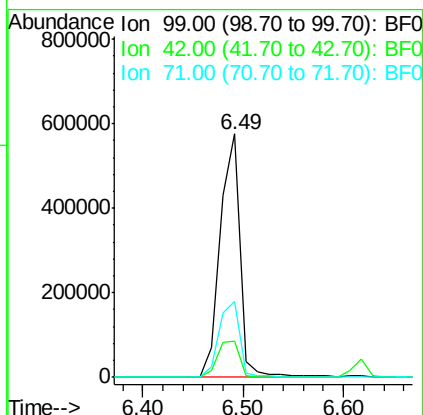
Tot Ion: 99 Resp: 794678

Ion Ratio Lower Upper

99 100

42 14.9 13.7 20.5

71 31.4 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 13.68 ng

RT: 7.42 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

Tgt Ion: 70 Resp: 60685

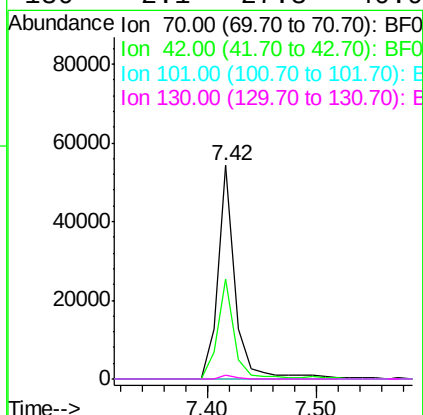
Ion Ratio Lower Upper

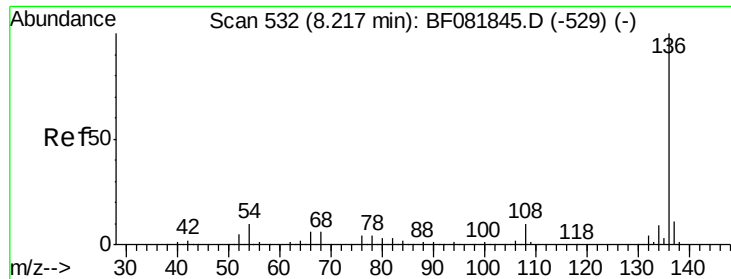
70 100

42 46.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

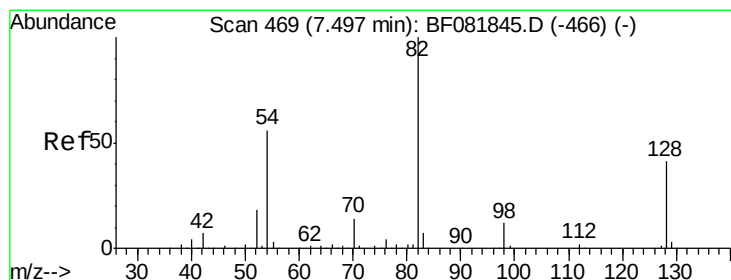
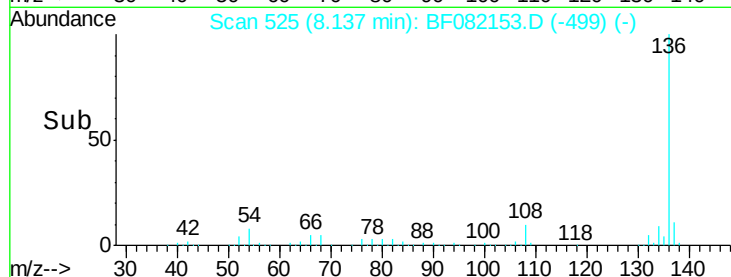
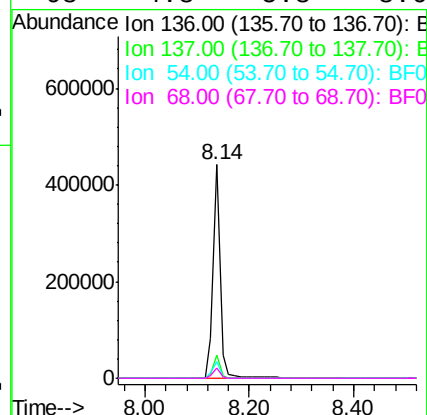
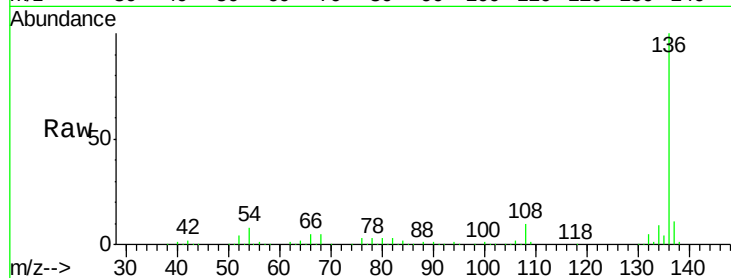




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082153.D
Acq: 9 Oct 2015 19:11

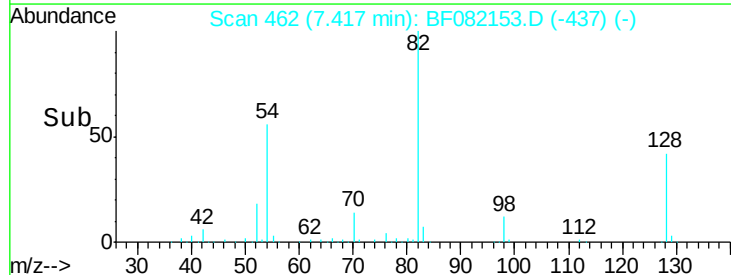
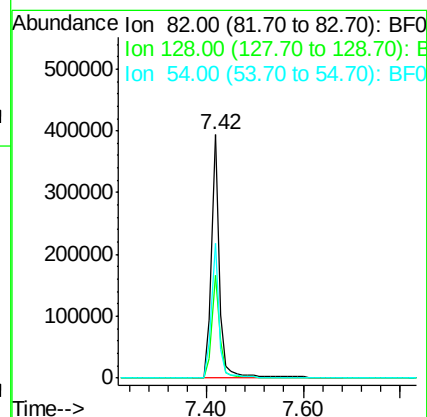
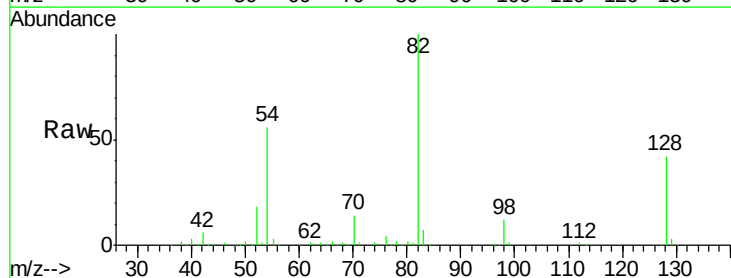
Instrument :
BNA_F
ClientSampleId :

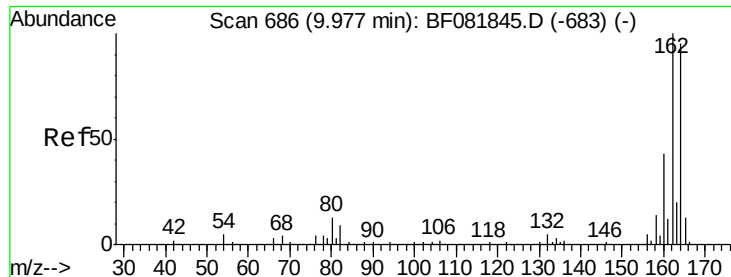
Tot Ion:136	Resp:	418701
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	7.6	8.2 12.2#
68	4.8	5.8 8.6#



#23
Nitrobenzene-d5
Concen: 73.52 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF082153.D
Acq: 9 Oct 2015 19:11

Tgt Ion: 82	Resp:	461770
Ion Ratio	Lower	Upper
82	100	
128	42.3	51.0 76.6#
54	55.5	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: BF082153.D

Acq: 9 Oct 2015 19:11

Instrument :

BNA_F

ClientSampleId :

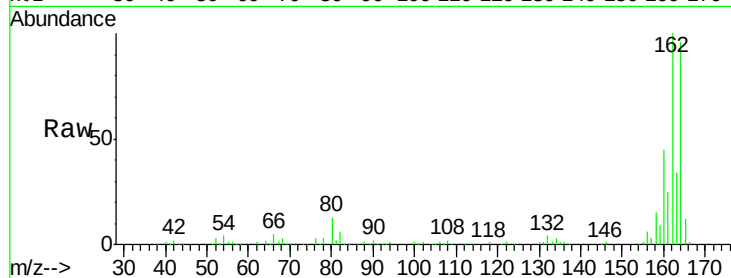
Tot Ion:164 Resp: 189698

Ion Ratio Lower Upper

164 100

162 104.4 75.2 112.8

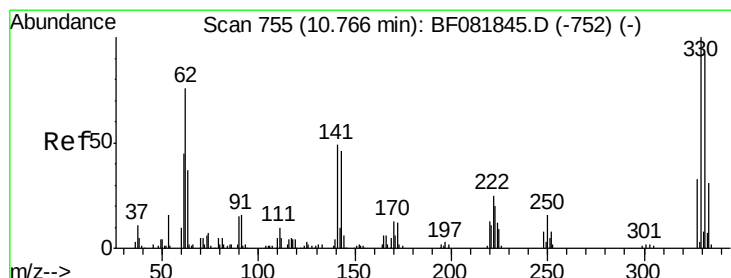
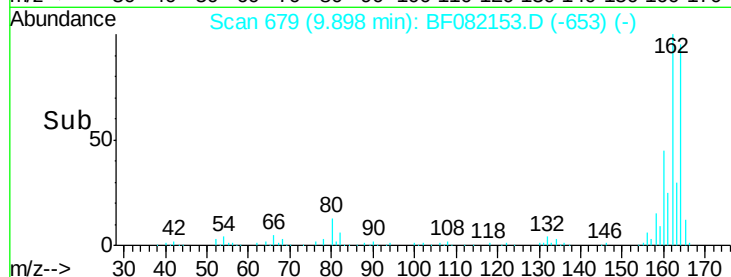
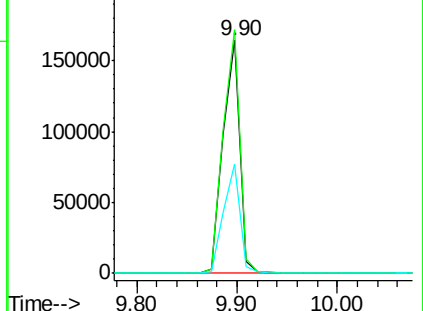
160 47.0 31.5 47.3



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: 94.29 ng

RT: 10.69 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

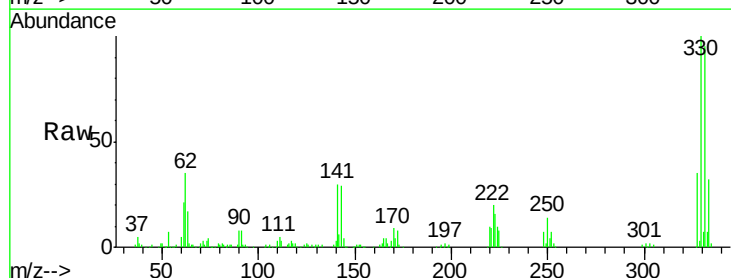
Tgt Ion:330 Resp: 181151

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

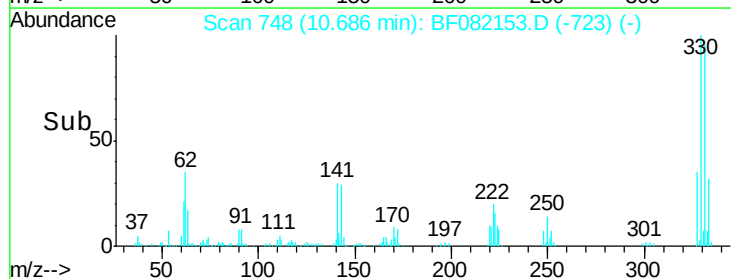
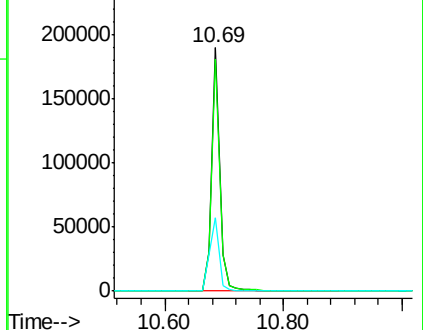
141 35.5 29.7 44.5

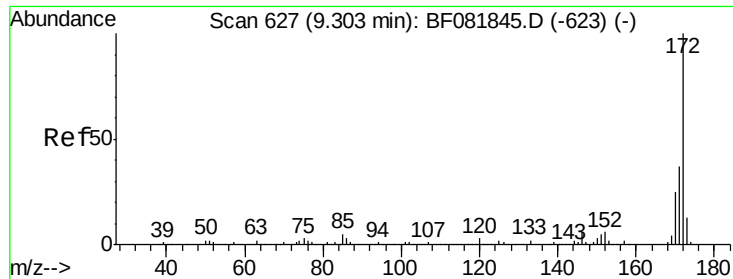


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

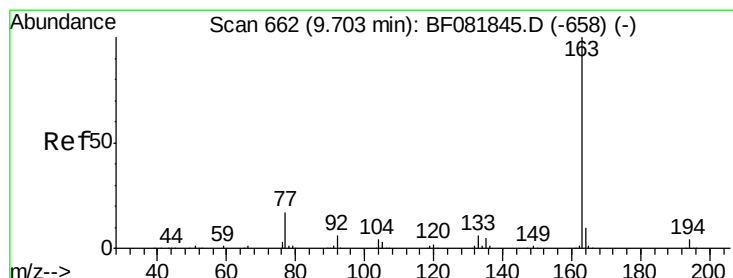
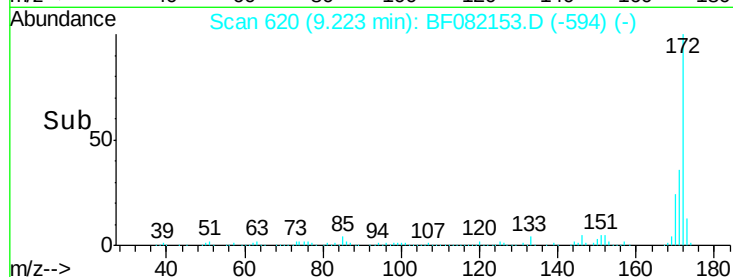
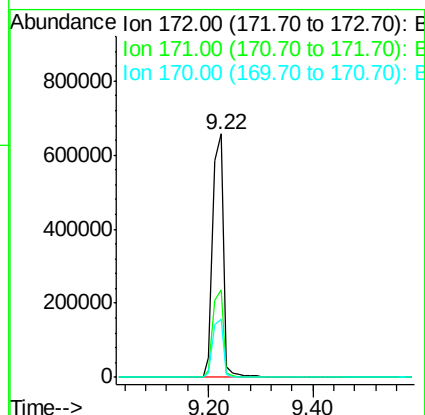
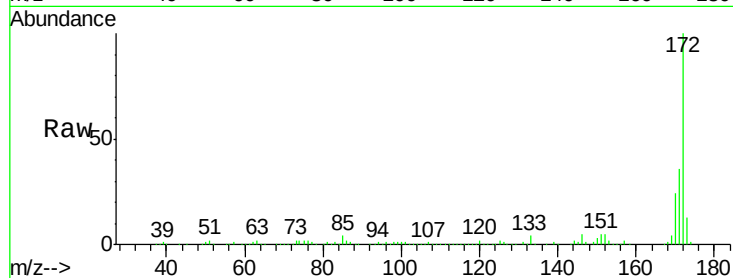




#44
 2-Fluorobiphenyl
 Concen: 82.93 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF082153.D
 Acq: 9 Oct 2015 19:11

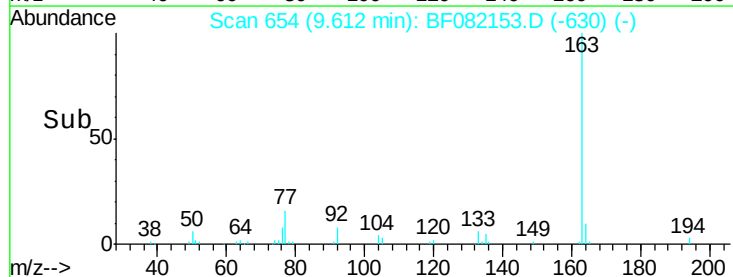
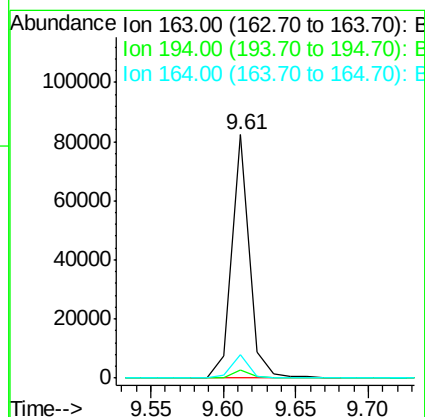
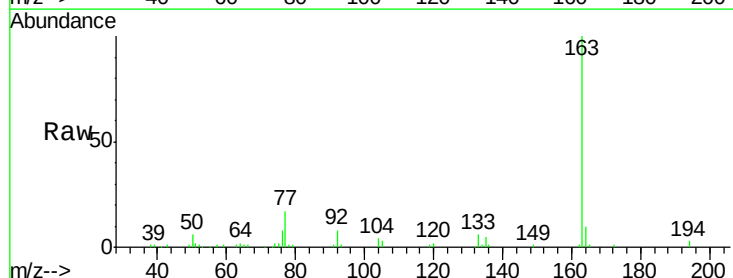
Instrument :
 BNA_F
 ClientSampleId :

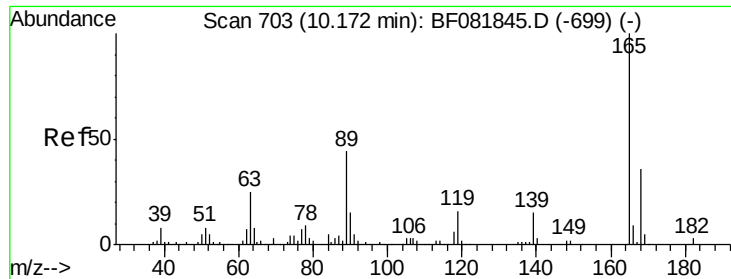
Tot Ion:172 Resp: 944630
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 23.8 17.4 26.2



#49
 Dimethylphthalate
 Concen: 5.30 ng
 RT: 9.61 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF082153.D
 Acq: 9 Oct 2015 19:11

Tgt Ion:163 Resp: 69397
 Ion Ratio Lower Upper
 163 100
 194 3.4 4.4 6.6#
 164 9.8 8.3 12.5

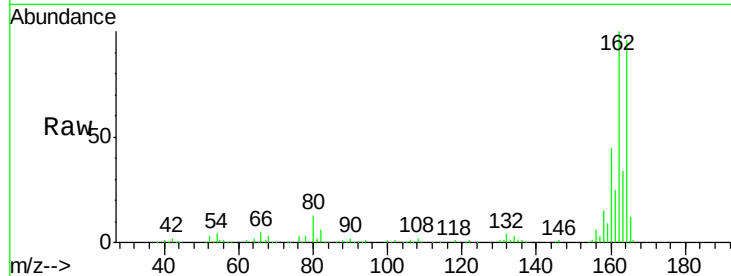




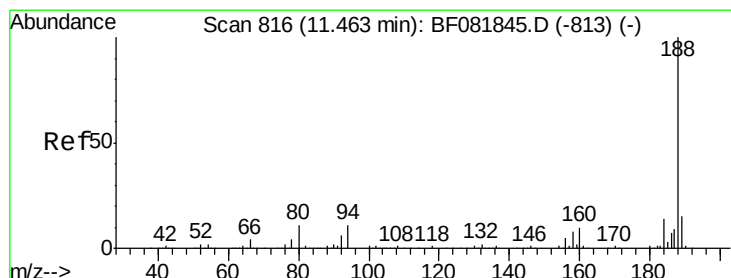
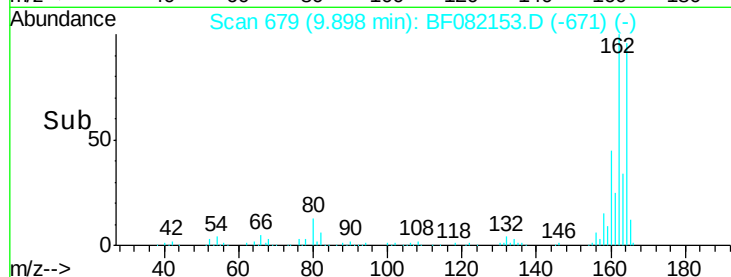
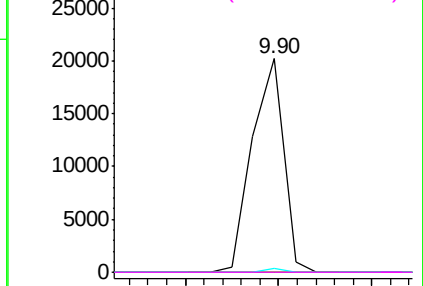
#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 9.90 min Scan# 679
 Delta R.T. -0.21 min
 Lab File: BF082153.D
 Acq: 9 Oct 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	23634
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#

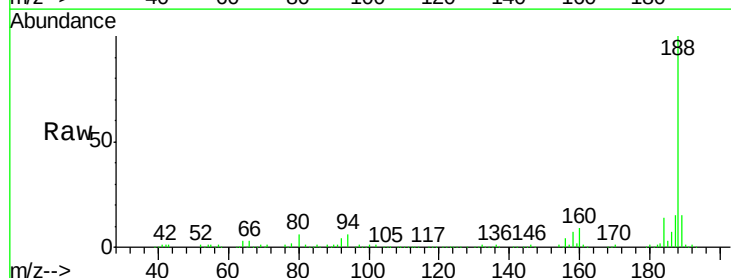


Abundance Ion 165.00 (164.70 to 165.70): E

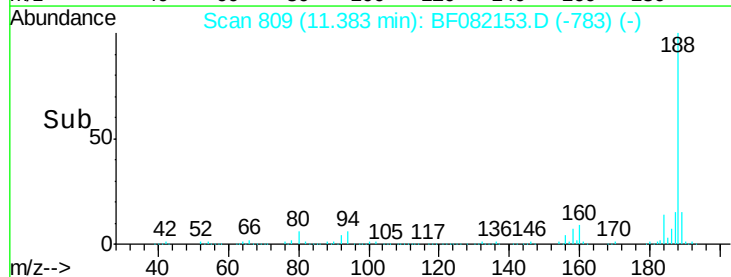
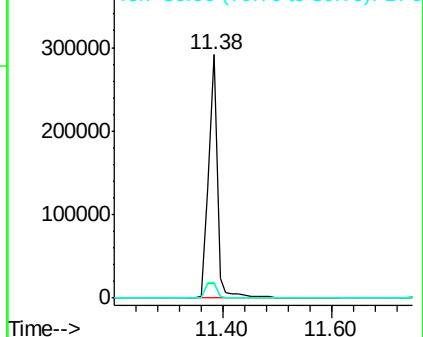


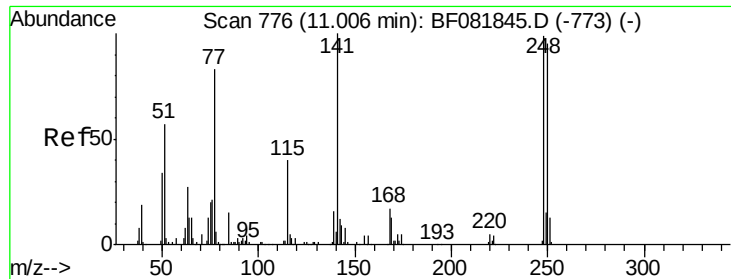
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF082153.D
 Acq: 9 Oct 2015 19:11

Tgt Ion:188	Resp:	330200
Ion Ratio	Lower	Upper
188	100	
94	6.1	11.1 16.7#
80	6.3	11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

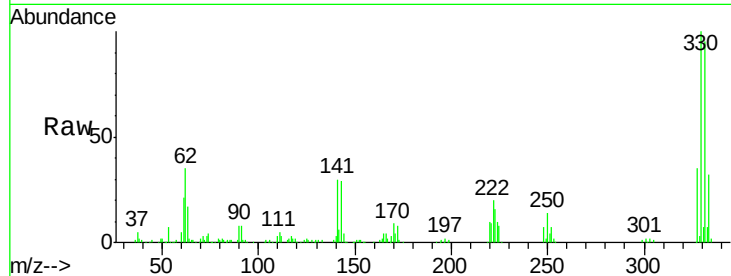




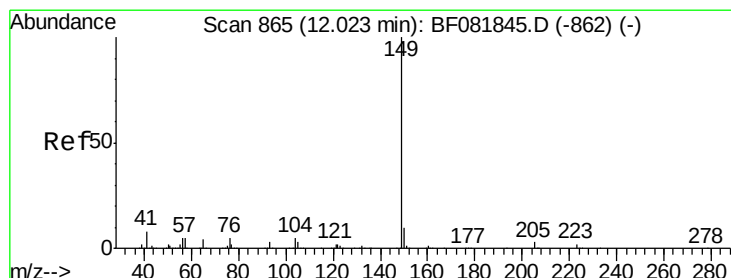
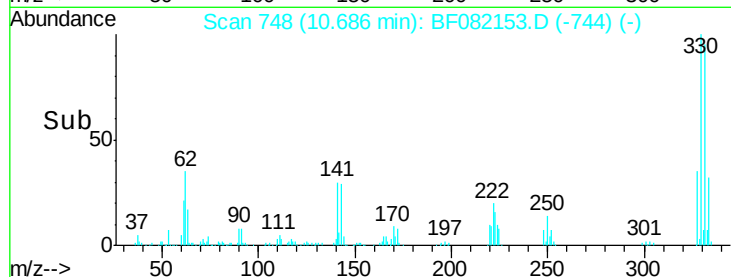
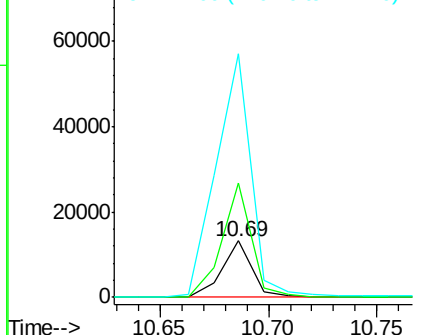
#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF082153.D
Acq: 9 Oct 2015 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12610
Ion Ratio Lower Upper
248 100
250 201.0 78.5 117.7#
141 429.8 59.0 88.6#

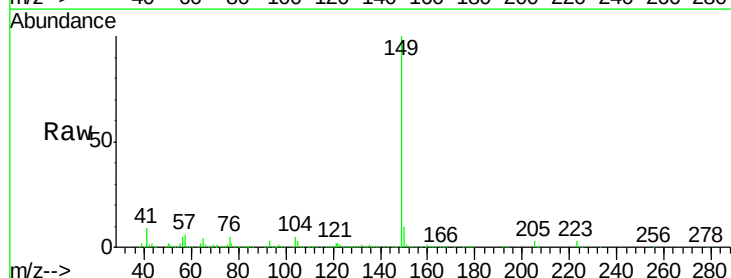


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

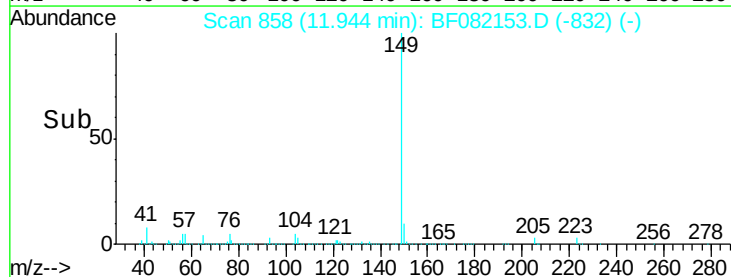
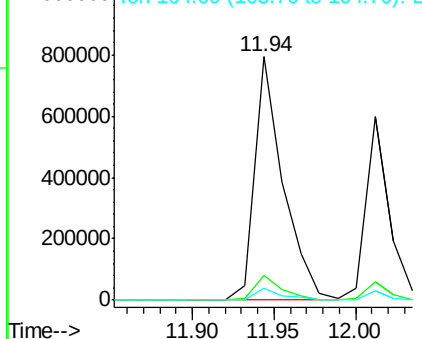


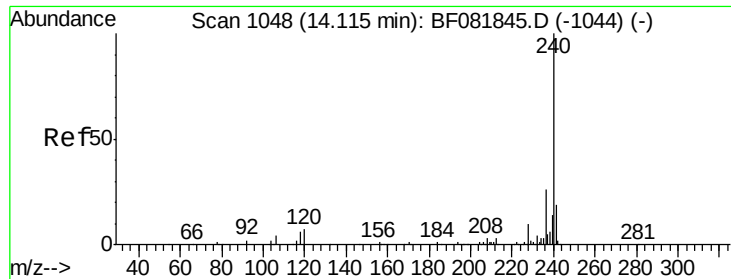
#73
Di-n-butylphthalate
Concen: 62.95 ng
RT: 11.94 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF082153.D
Acq: 9 Oct 2015 19:11

Tgt Ion:149 Resp: 965626
Ion Ratio Lower Upper
149 100
150 10.0 7.4 11.2
104 5.1 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

Instrument :

BNA_F

ClientSampleId :

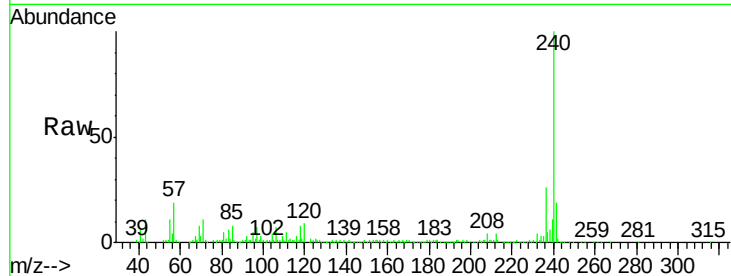
Tot Ion:240 Resp: 251572

Ion Ratio Lower Upper

240 100

120 9.4 16.2 24.2#

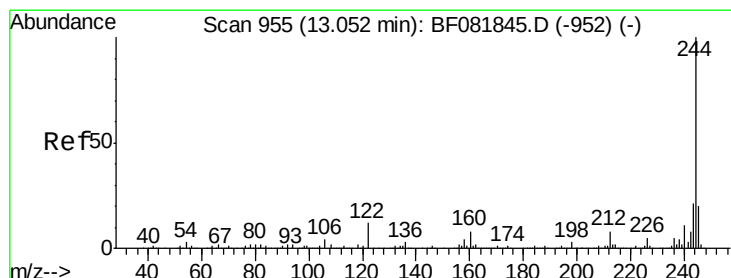
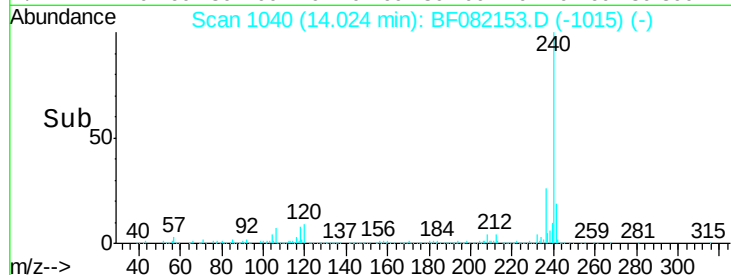
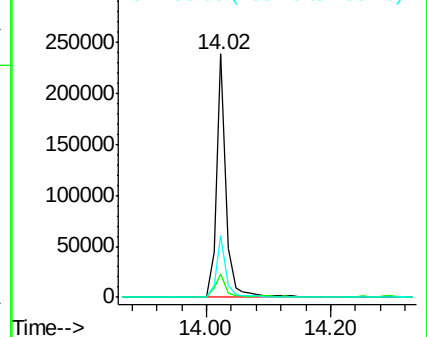
236 25.6 18.4 27.6



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: 100.16 ng

RT: 12.97 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

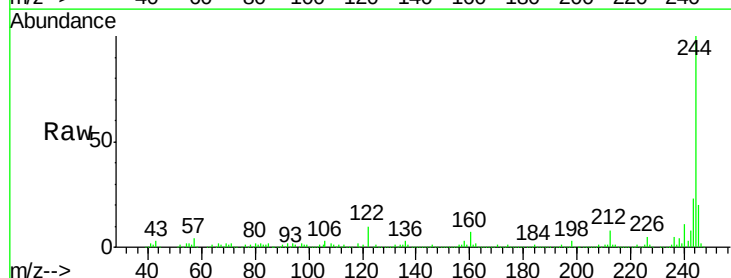
Tgt Ion:244 Resp: 742225

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

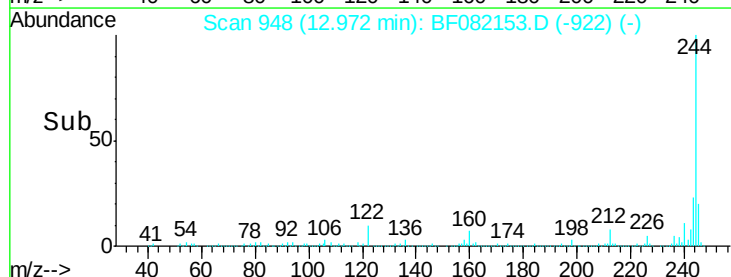
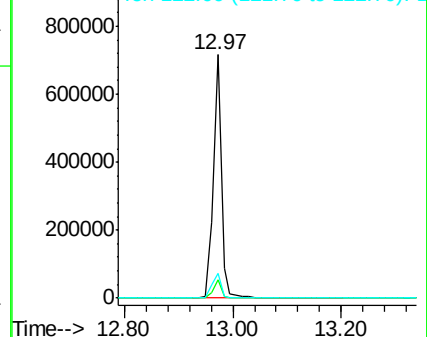
122 9.9 17.4 26.2#

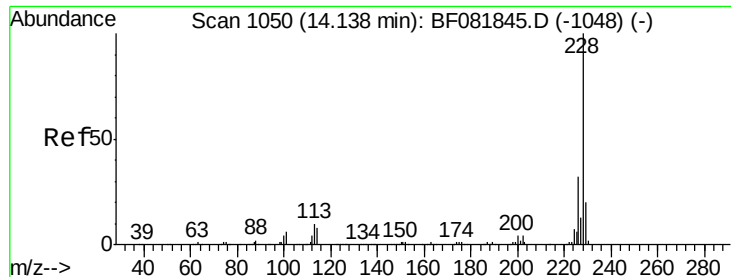


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.14 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

Instrument :

BNA_F

ClientSampleId :

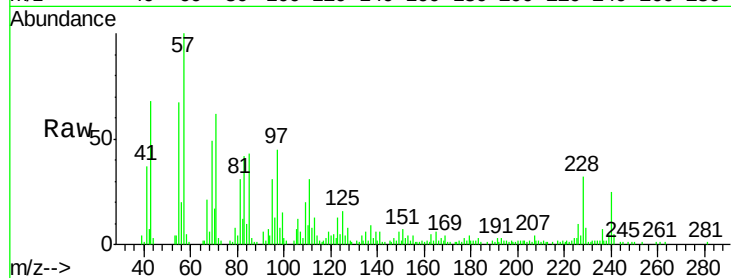
Tot Ion:228 Resp: 22488

Ion Ratio Lower Upper

228 100

226 31.2 21.0 31.4

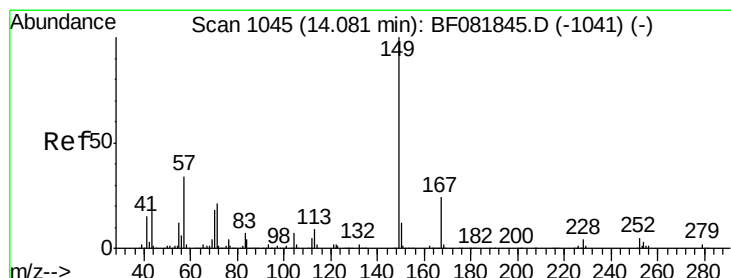
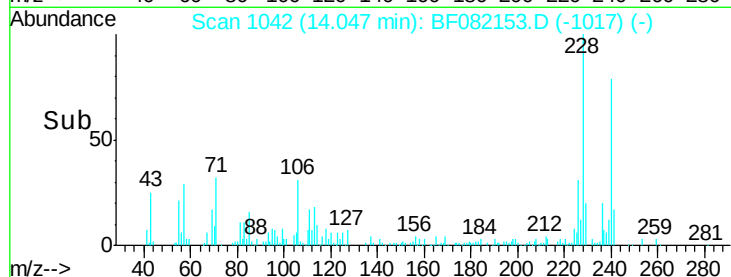
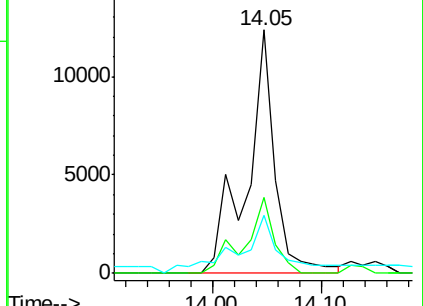
229 23.6 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.86 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082153.D

Acq: 9 Oct 2015 19:11

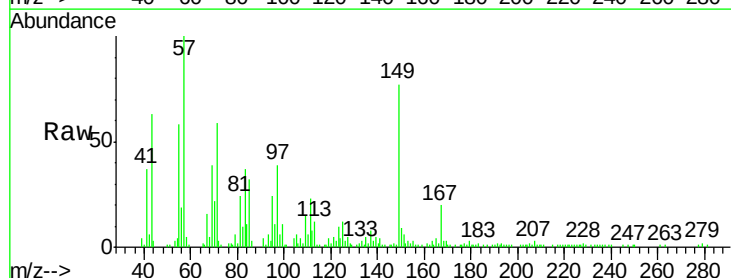
Tgt Ion:149 Resp: 34485

Ion Ratio Lower Upper

149 100

167 25.6 24.2 36.2

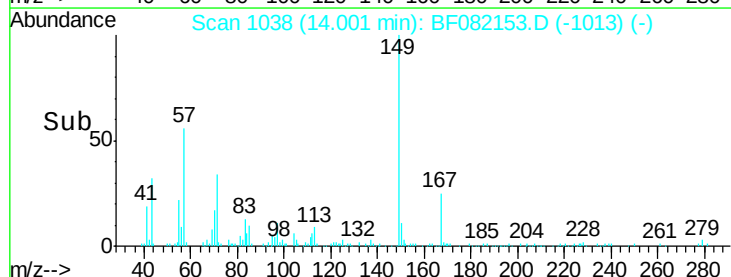
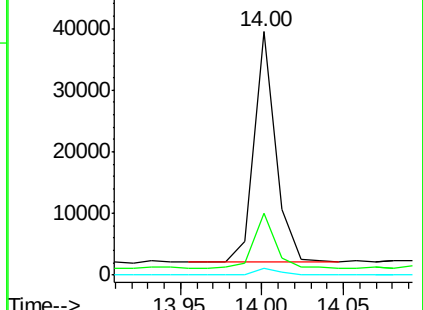
279 2.8 3.8 5.6#

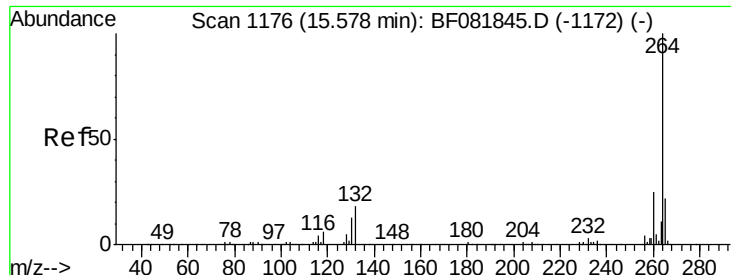


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

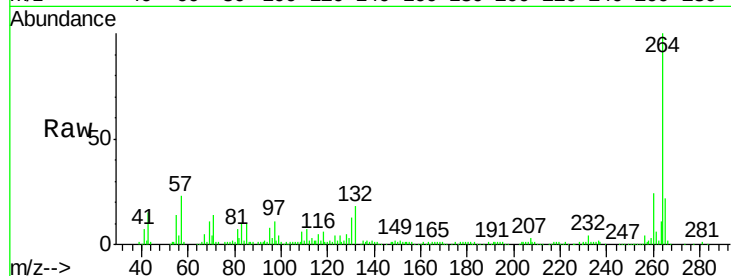




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF082153.D
Acq: 9 Oct 2015 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.6	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

