

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081068.D
 Acq On : 19 Aug 2015 5:53
 Operator : UM/IZ
 Sample : G3289-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 07:25:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

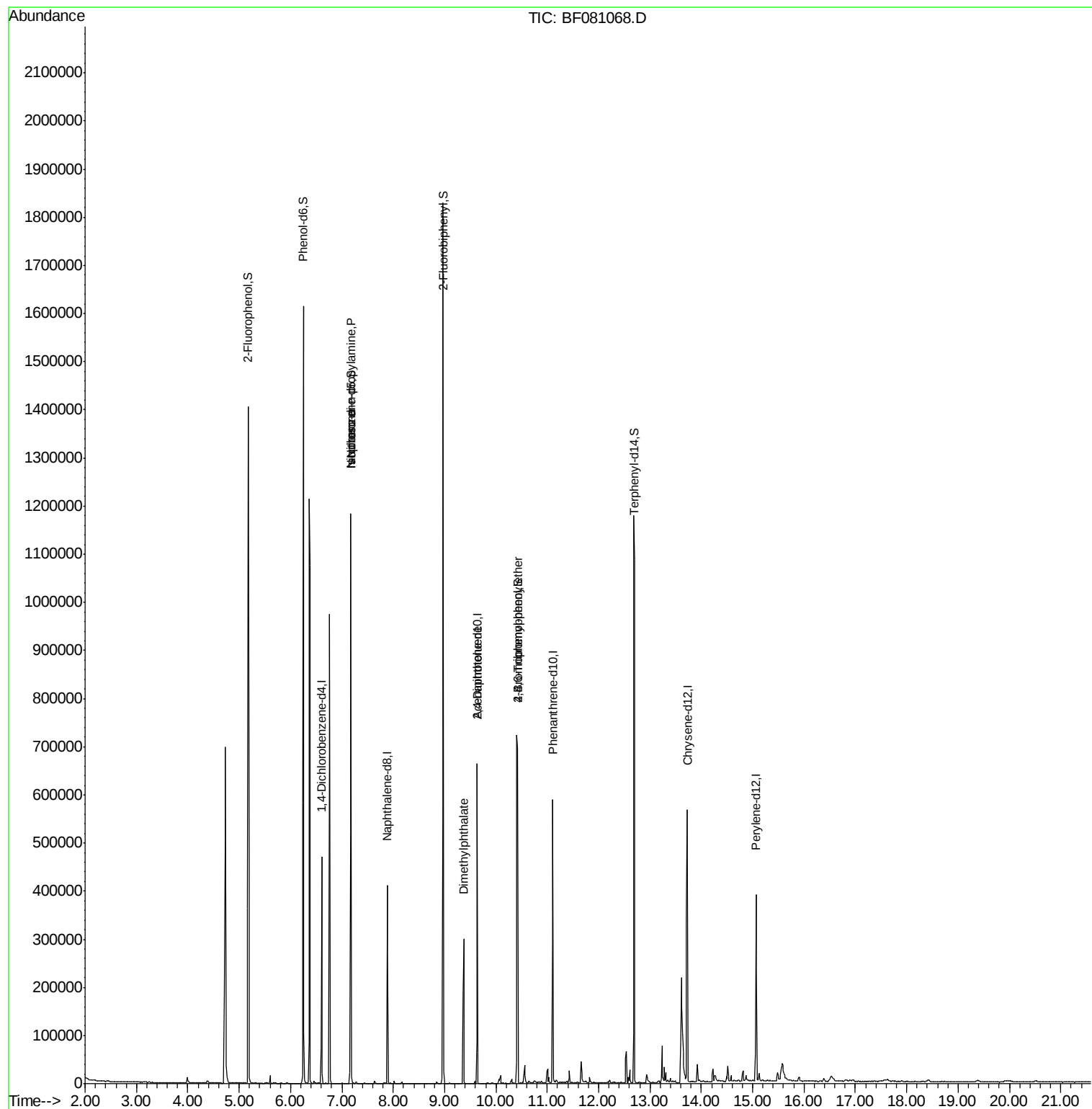
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	61233	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	226704	20.00	ng	-0.02
38) Acenaphthene-d10	9.63	164	115922	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	248028	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	230768	20.00	ng	-0.02
86) Perylene-d12	15.06	264	172840	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	392912	96.51	ng	-0.01
7) Phenol-d6	6.25	99	526673	99.15	ng	-0.01
23) Nitrobenzene-d5	7.18	82	402095	81.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	106520	106.01	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	547091	61.84	ng	-0.02
78) Terphenyl-d14	12.70	244	538729	50.05	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	53662	14.58	ng	# 68
25) Isophorone	7.18	82	396692	42.86	ng	# 71
49) Dimethylphthalate	9.37	163	151091	15.83	ng	99
56) 2,4-Dinitrotoluene	9.63	165	14911	5.49	ng	# 16
66) 4-Bromophenyl-phenylether	10.42	248	7570	3.11	ng	# 1

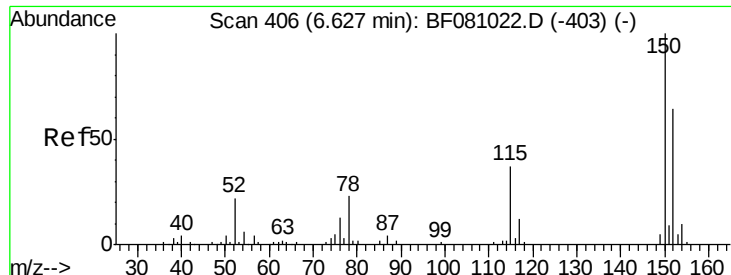
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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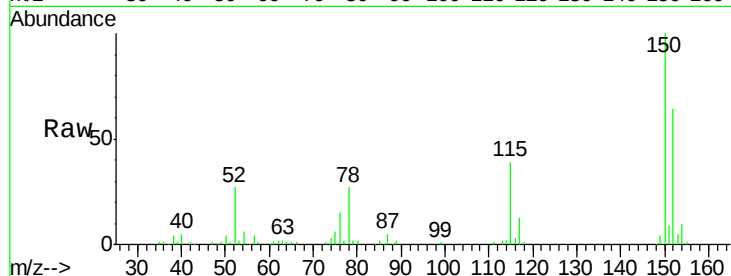


#1

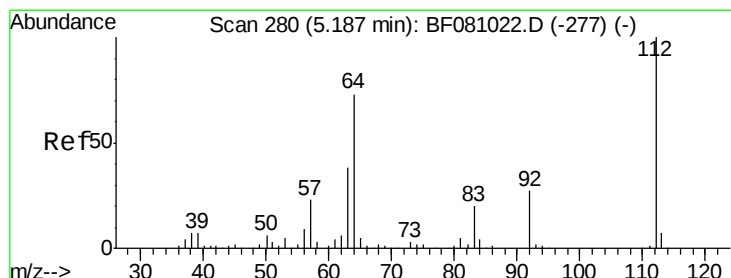
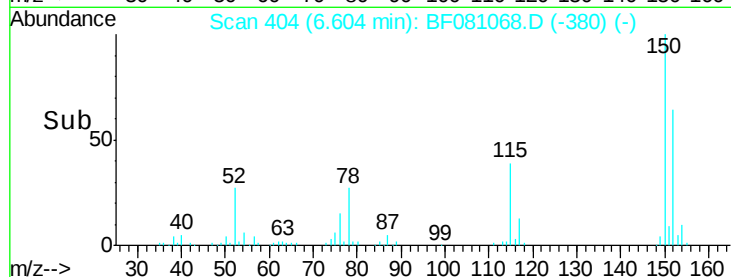
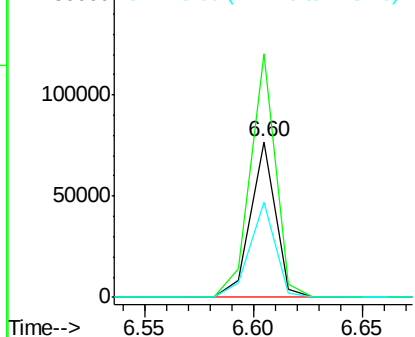
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081068.D
Acq: 19 Aug 2015 5:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61233
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 61.5 52.1 78.1



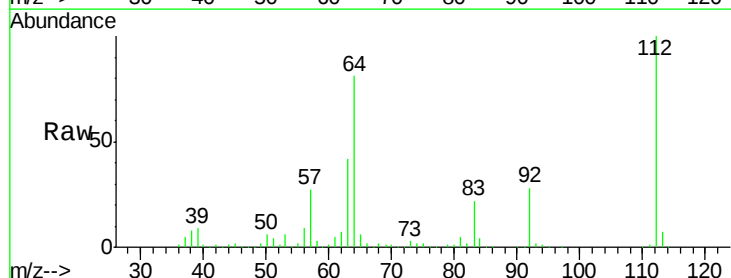
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



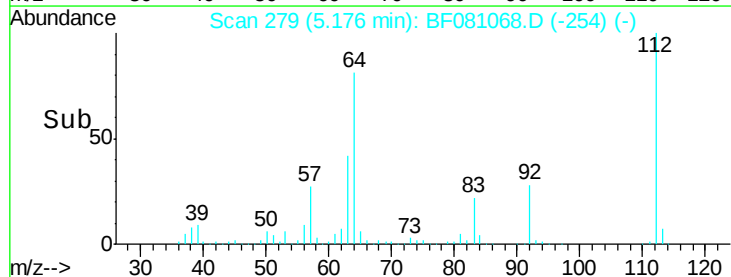
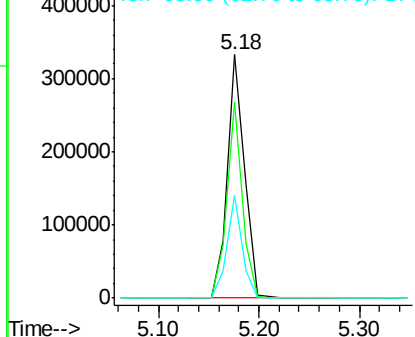
#5

2-Fluorophenol
Concen: 96.51 ng
RT: 5.18 min Scan# 279
Delta R.T. -0.01 min
Lab File: BF081068.D
Acq: 19 Aug 2015 5:53

Tgt Ion:112 Resp: 392912
Ion Ratio Lower Upper
112 100
64 80.7 66.9 100.3
63 42.2 38.1 57.1



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: 99.15 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081068.D

Acq: 19 Aug 2015 5:53

Instrument :

BNA_F

ClientSampleId :

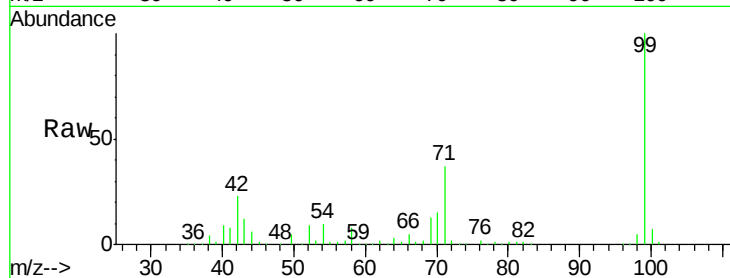
Tot Ion: 99 Resp: 526673

Ion Ratio Lower Upper

99 100

42 23.3 19.6 29.4

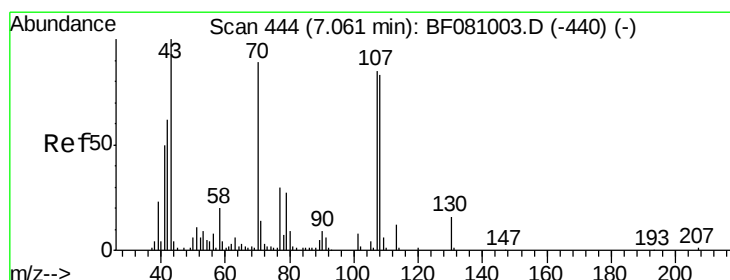
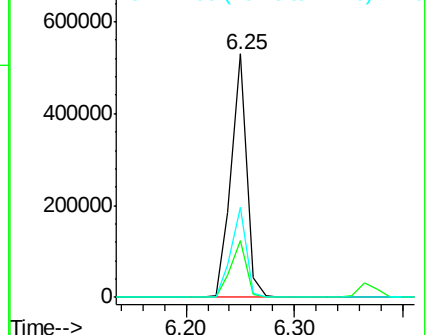
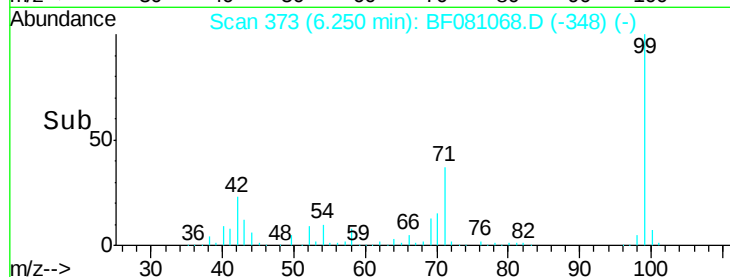
71 36.8 31.2 46.8



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: 14.58 ng

RT: 7.18 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF081068.D

Acq: 19 Aug 2015 5:53

Tgt Ion: 70 Resp: 53662

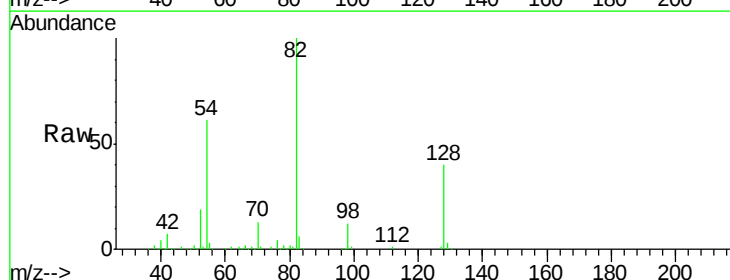
Ion Ratio Lower Upper

70 100

42 52.4 65.0 97.4#

101 0.0 7.4 11.2#

130 1.7 13.0 19.4#

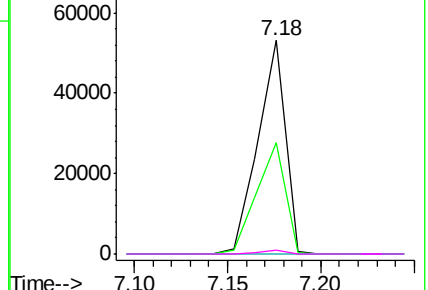
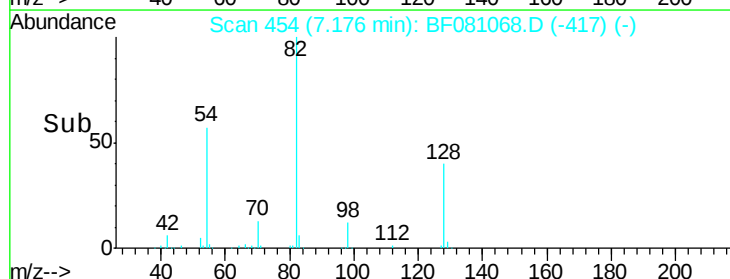


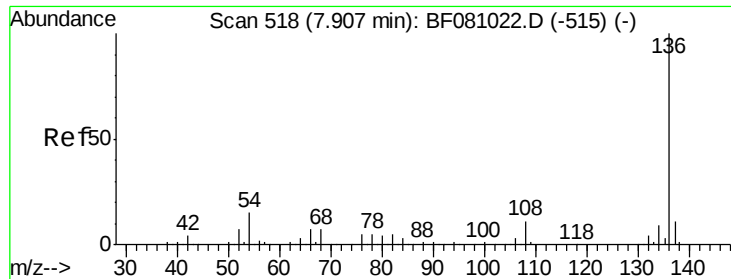
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

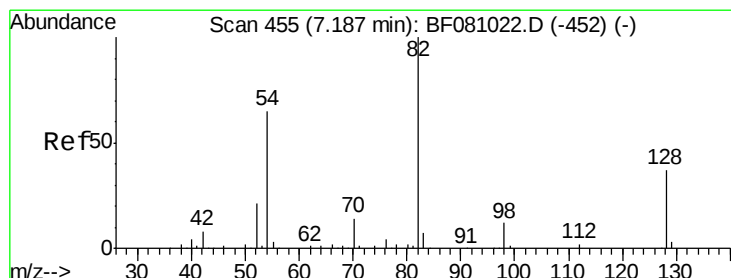
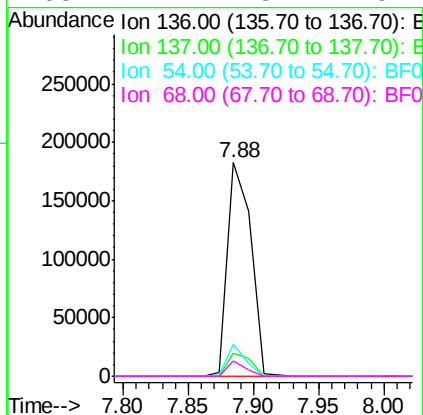
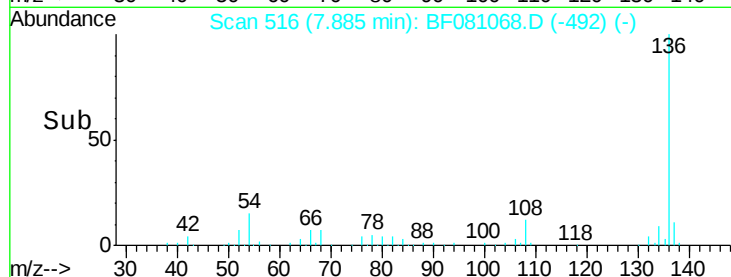
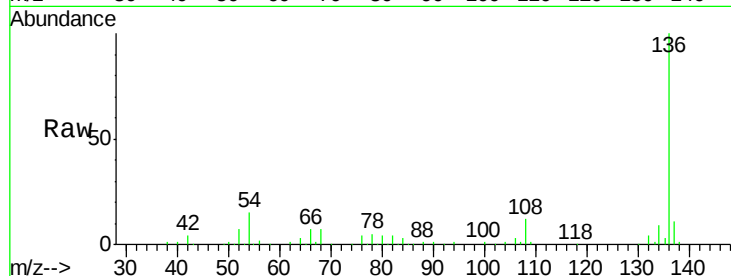




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF081068.D
Acq: 19 Aug 2015 5:53

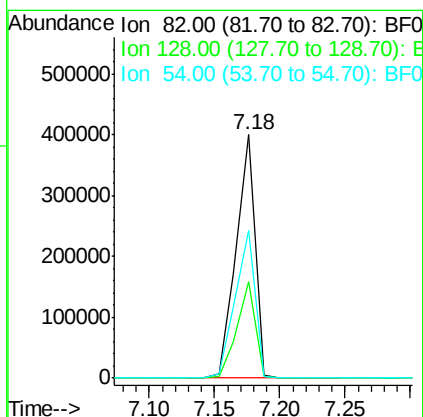
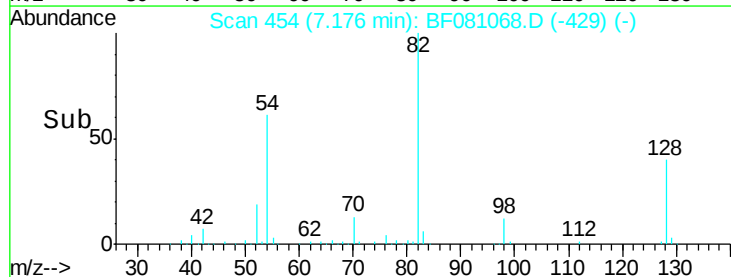
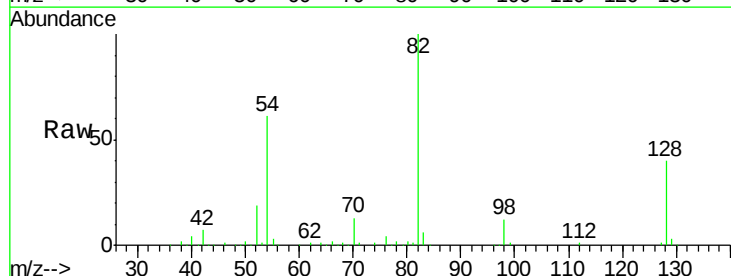
Instrument :
BNA_F
ClientSampleId :

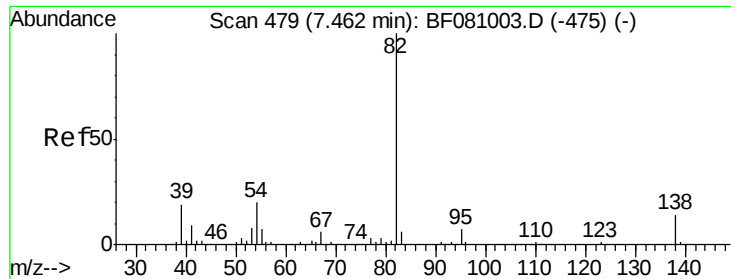
Tot Ion:	136	Resp:	226704
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	15.2	7.7	11.5#
68	7.1	3.4	5.2#



#23
Nitrobenzene-d5
Concen: 81.02 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081068.D
Acq: 19 Aug 2015 5:53

Tgt Ion:	82	Resp:	402095
Ion	Ratio	Lower	Upper
82	100		
128	39.8	28.6	42.8
54	60.5	55.1	82.7





#25

Isophorone

Concen: 42.86 ng

RT: 7.18 min Scan# 454

Delta R.T. -0.27 min

Lab File: BF081068.D

Acq: 19 Aug 2015 5:53

Instrument :

BNA_F

ClientSampleId :

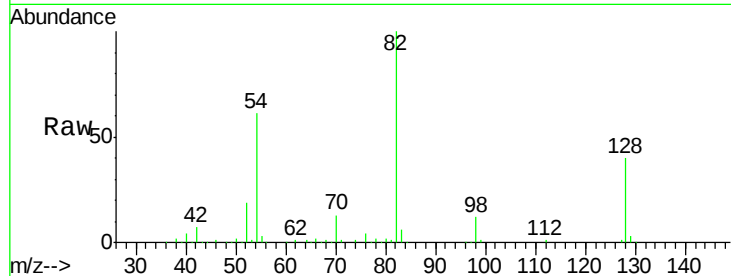
Tot Ion: 82 Resp: 396692

Ion Ratio Lower Upper

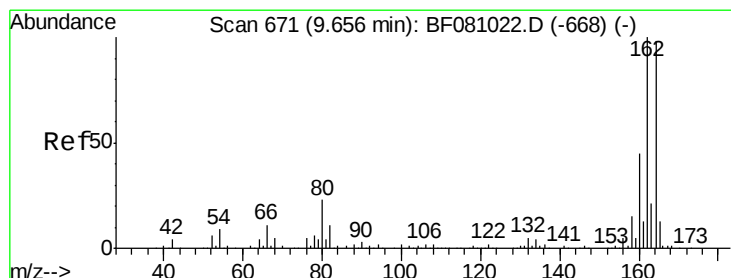
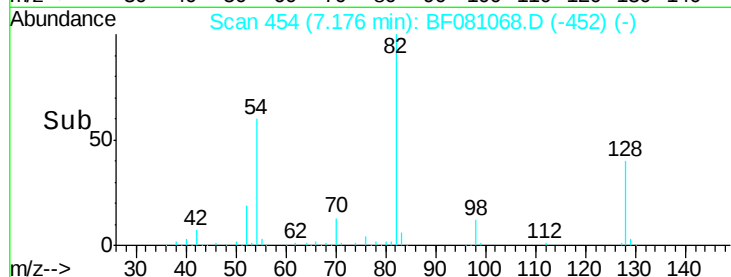
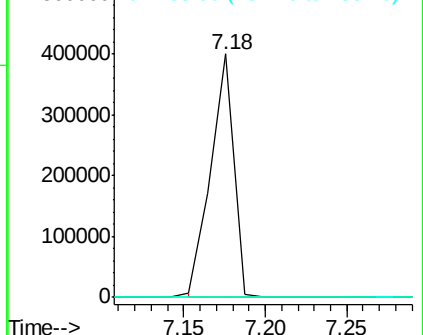
82 100

95 0.0 6.2 9.2#

138 0.0 10.5 15.7#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF081068.D

Acq: 19 Aug 2015 5:53

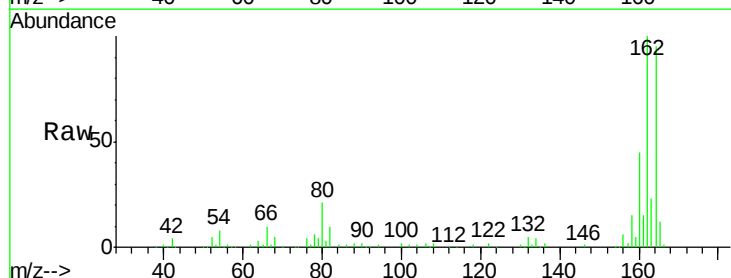
Tgt Ion: 164 Resp: 115922

Ion Ratio Lower Upper

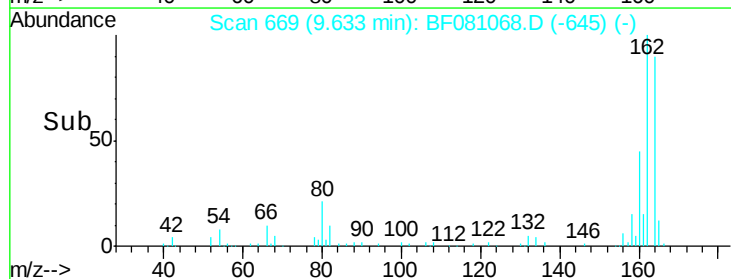
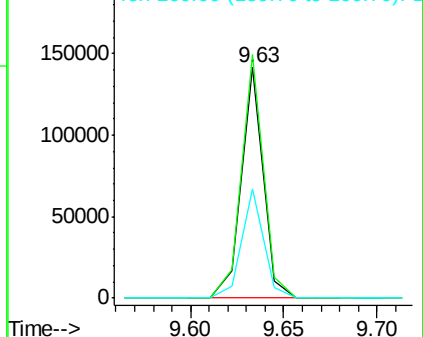
164 100

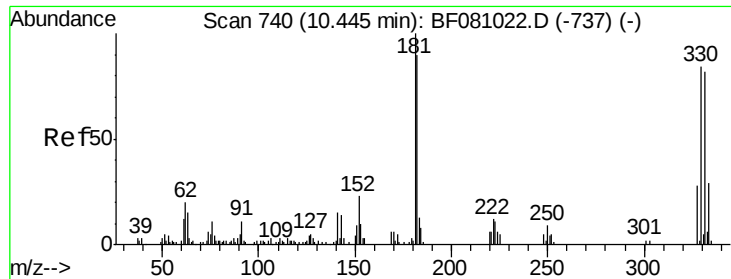
162 105.6 83.8 125.8

160 47.3 39.8 59.8



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

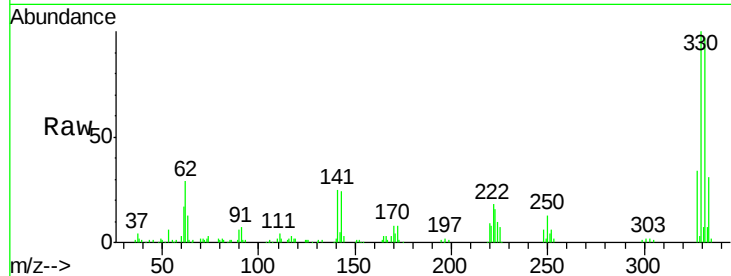




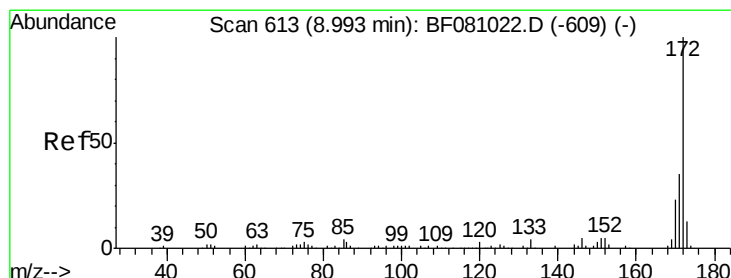
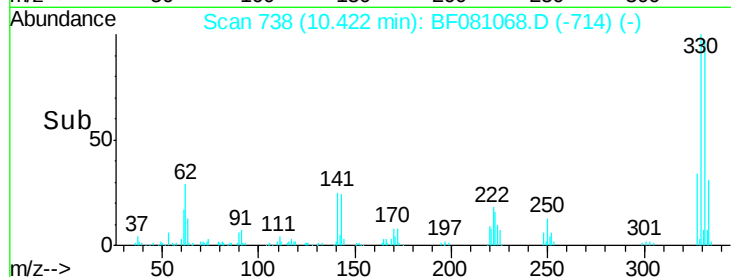
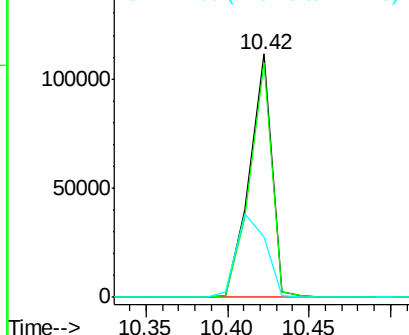
#41
 2,4,6-Tribromophenol
 Concen: 106.01 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081068.D
 Acq: 19 Aug 2015 5:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	44.5	44.9	67.3#

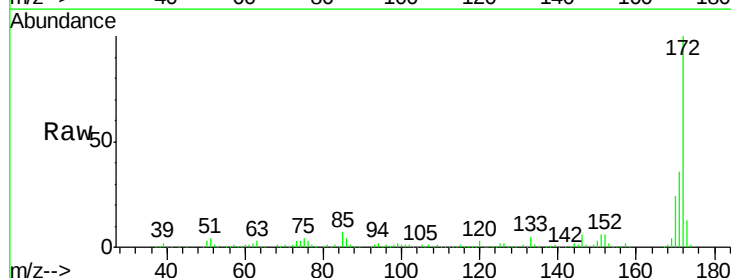


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

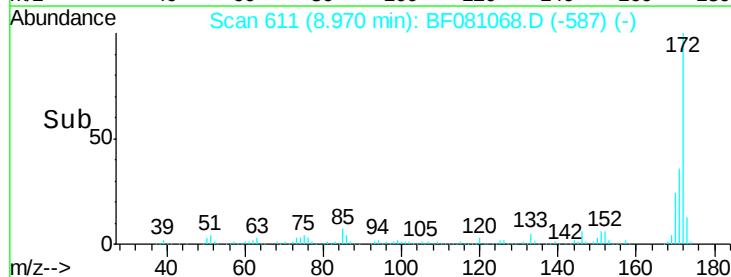
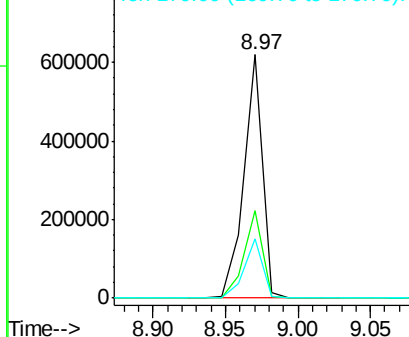


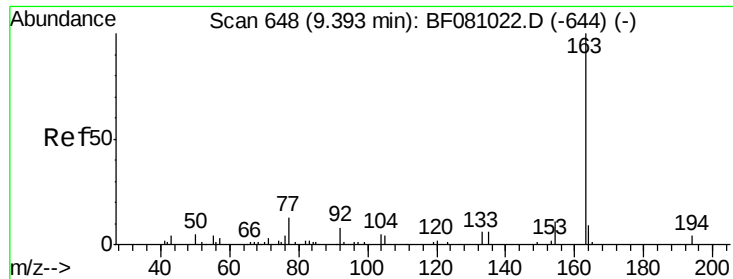
#44
 2-Fluorobiphenyl
 Concen: 61.84 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081068.D
 Acq: 19 Aug 2015 5:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.3	19.4	29.2



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

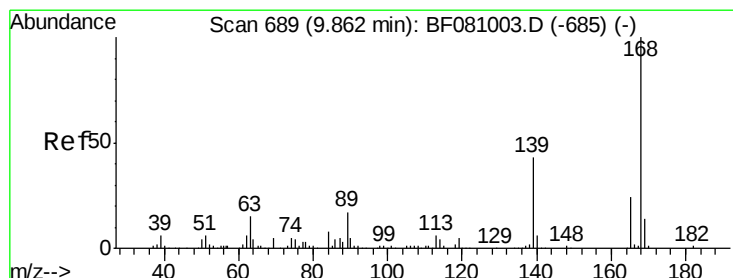
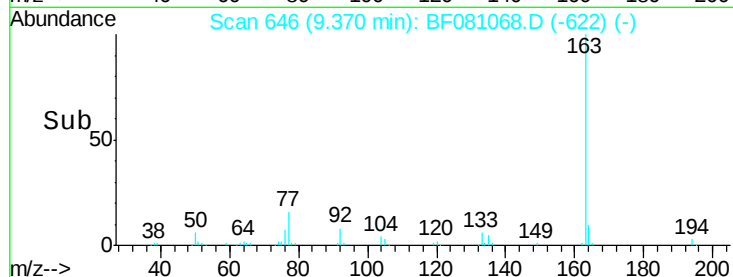
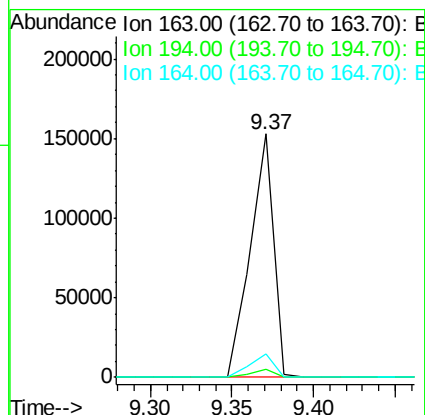
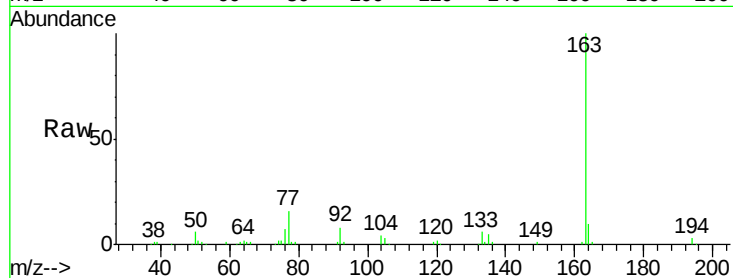




#49
Dimethylphthalate
Concen: 15.83 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF081068.D
Acq: 19 Aug 2015 5:53

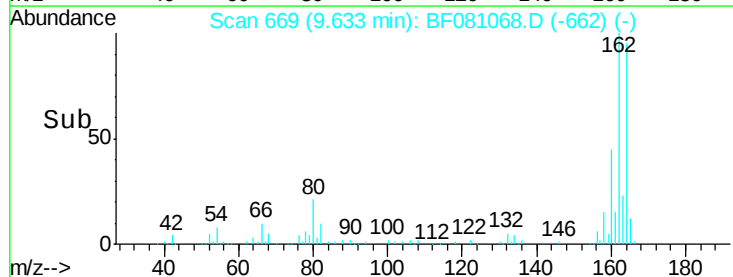
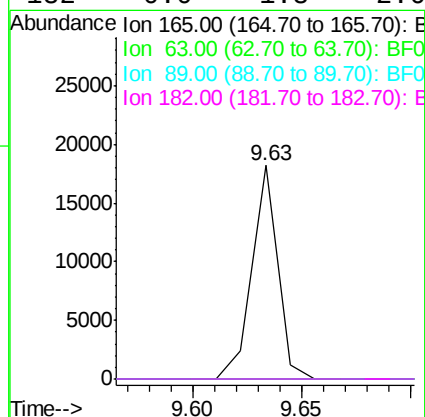
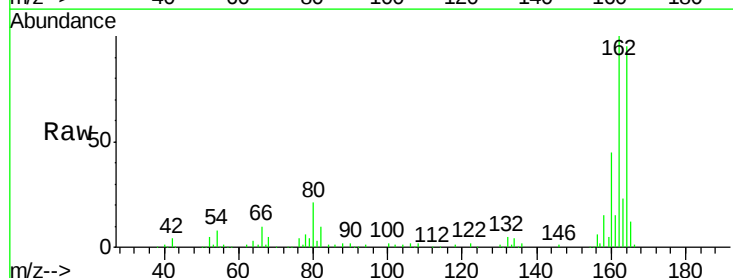
Instrument :
BNA_F
ClientSampleId :

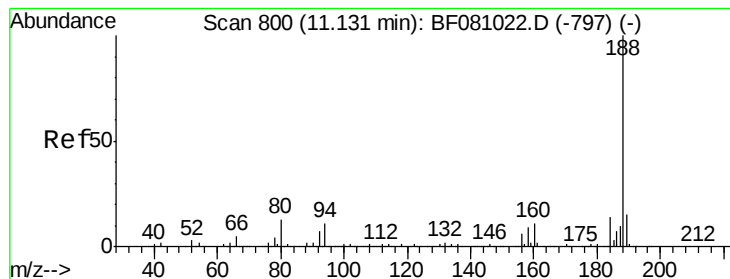
Tot Ion:163 Resp: 151091
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 9.9 8.1 12.1



#56
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.22 min
Lab File: BF081068.D
Acq: 19 Aug 2015 5:53

Tgt Ion:165 Resp: 14911
Ion Ratio Lower Upper
165 100
63 0.0 52.2 78.4#
89 0.0 60.1 90.1#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF081068.D

Acq: 19 Aug 2015 5:53

Instrument :

BNA_F

ClientSampleId :

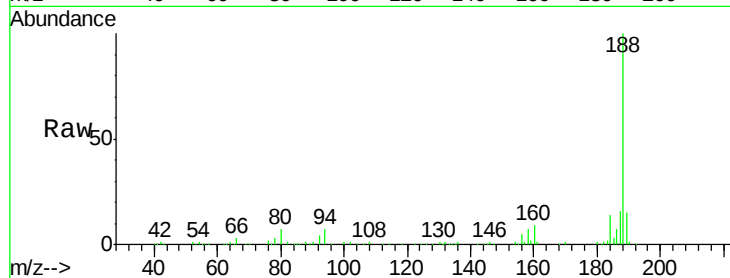
Tot Ion:188 Resp: 248028

Ion Ratio Lower Upper

188 100

94 6.8 8.2 12.2#

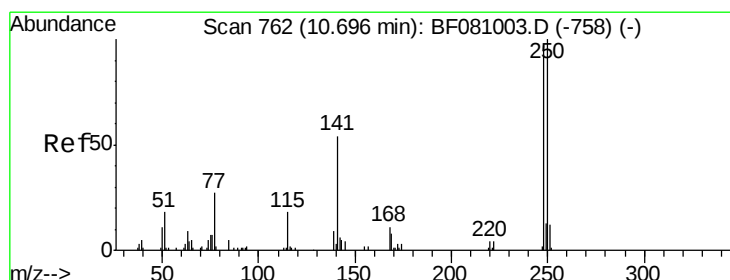
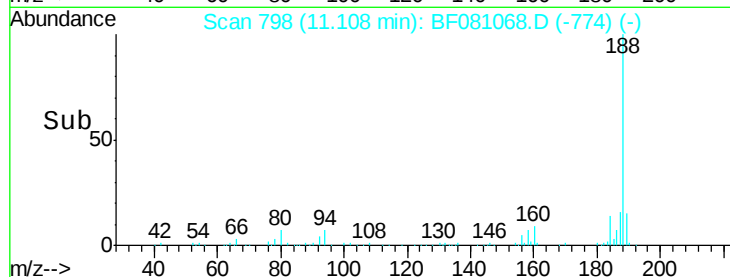
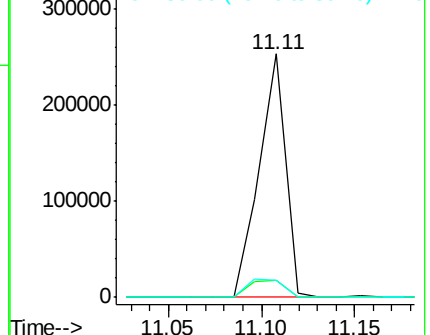
80 6.8 9.5 14.3#



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: 3.11 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF081068.D

Acq: 19 Aug 2015 5:53

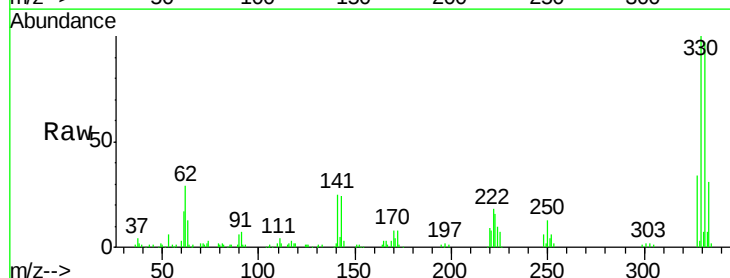
Tgt Ion:248 Resp: 7570

Ion Ratio Lower Upper

248 100

250 208.6 77.8 116.6#

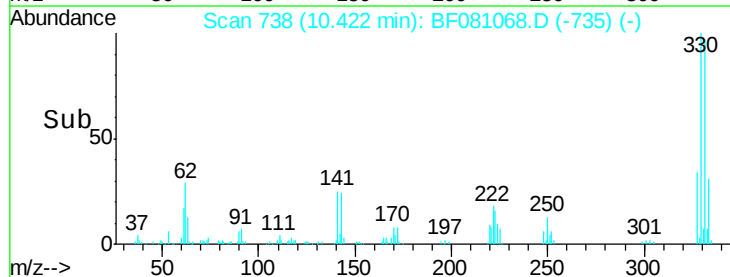
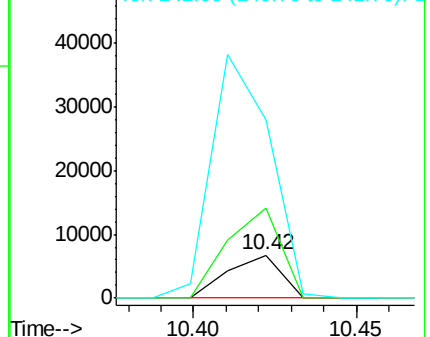
141 415.1 39.8 59.6#

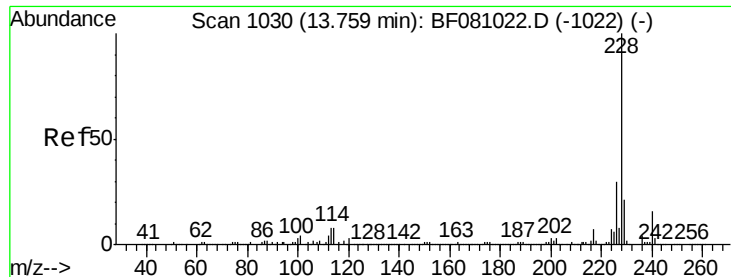


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081068.D

Acq: 19 Aug 2015 5:53

Instrument :

BNA_F

ClientSampled :

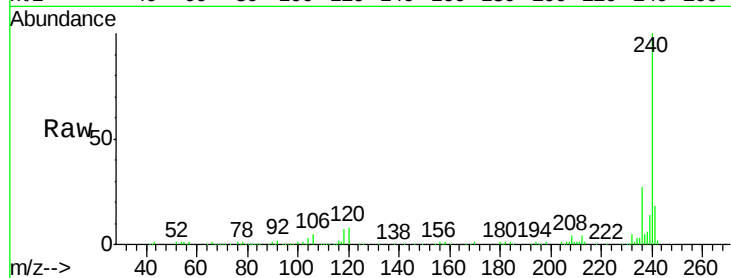
Tot Ion:240 Resp: 230768

Ion Ratio Lower Upper

240 100

120 7.8 5.6 8.4

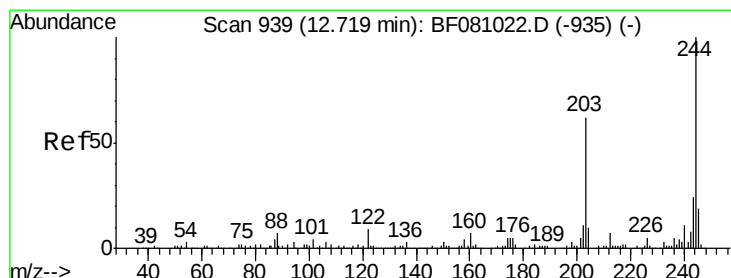
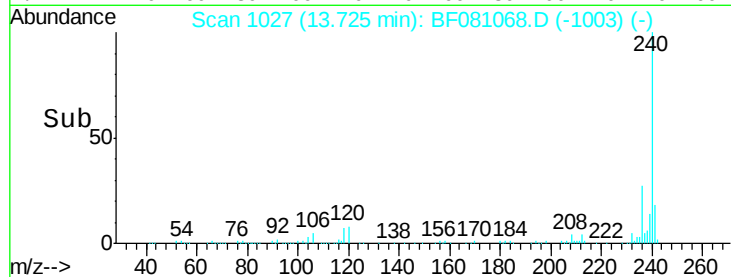
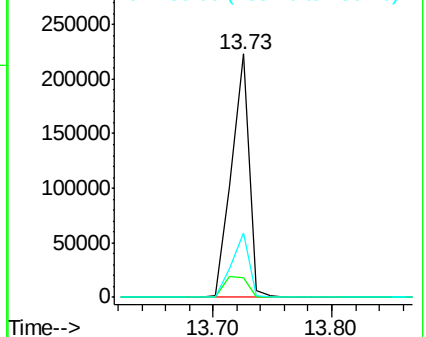
236 26.6 20.6 30.8



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: 50.05 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081068.D

Acq: 19 Aug 2015 5:53

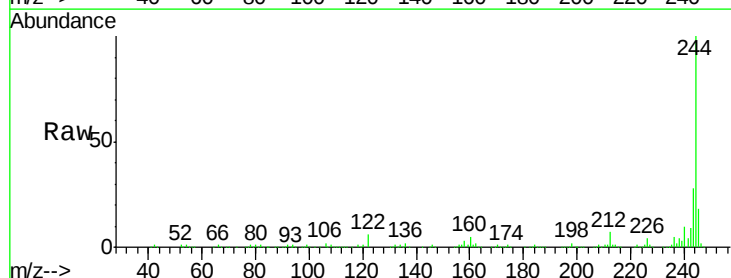
Tgt Ion:244 Resp: 538729

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

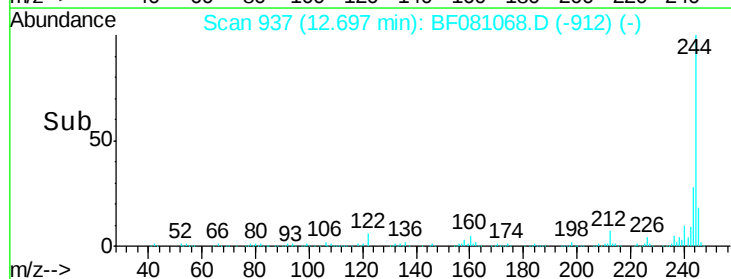
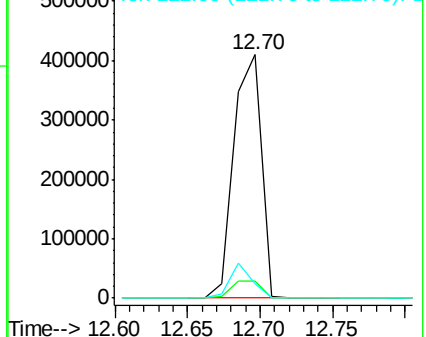
122 5.8 8.2 12.4#

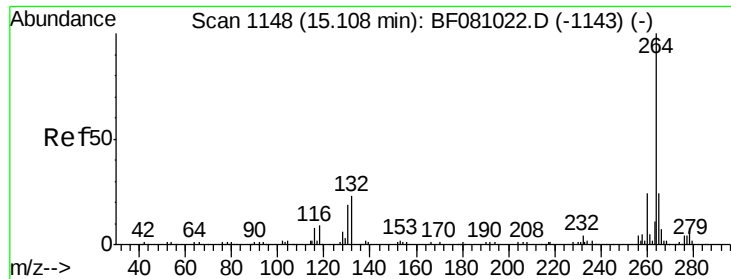


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

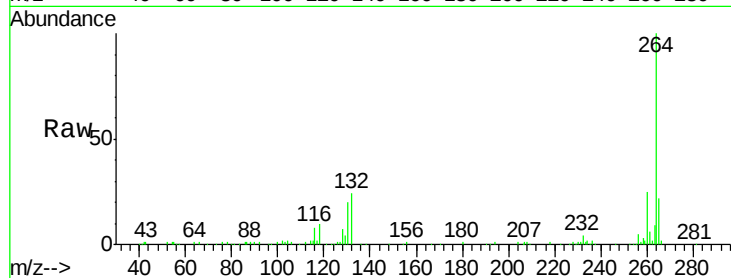




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BF081068.D
 Acq: 19 Aug 2015 5:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.0	17.5	26.3



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

