

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081715\
 Data File : BF081011.D
 Acq On : 17 Aug 2015 19:14
 Operator : UM/IZ
 Sample : G3282-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB06-1.0-2.0-081215

Quant Time: Aug 18 00:43:15 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

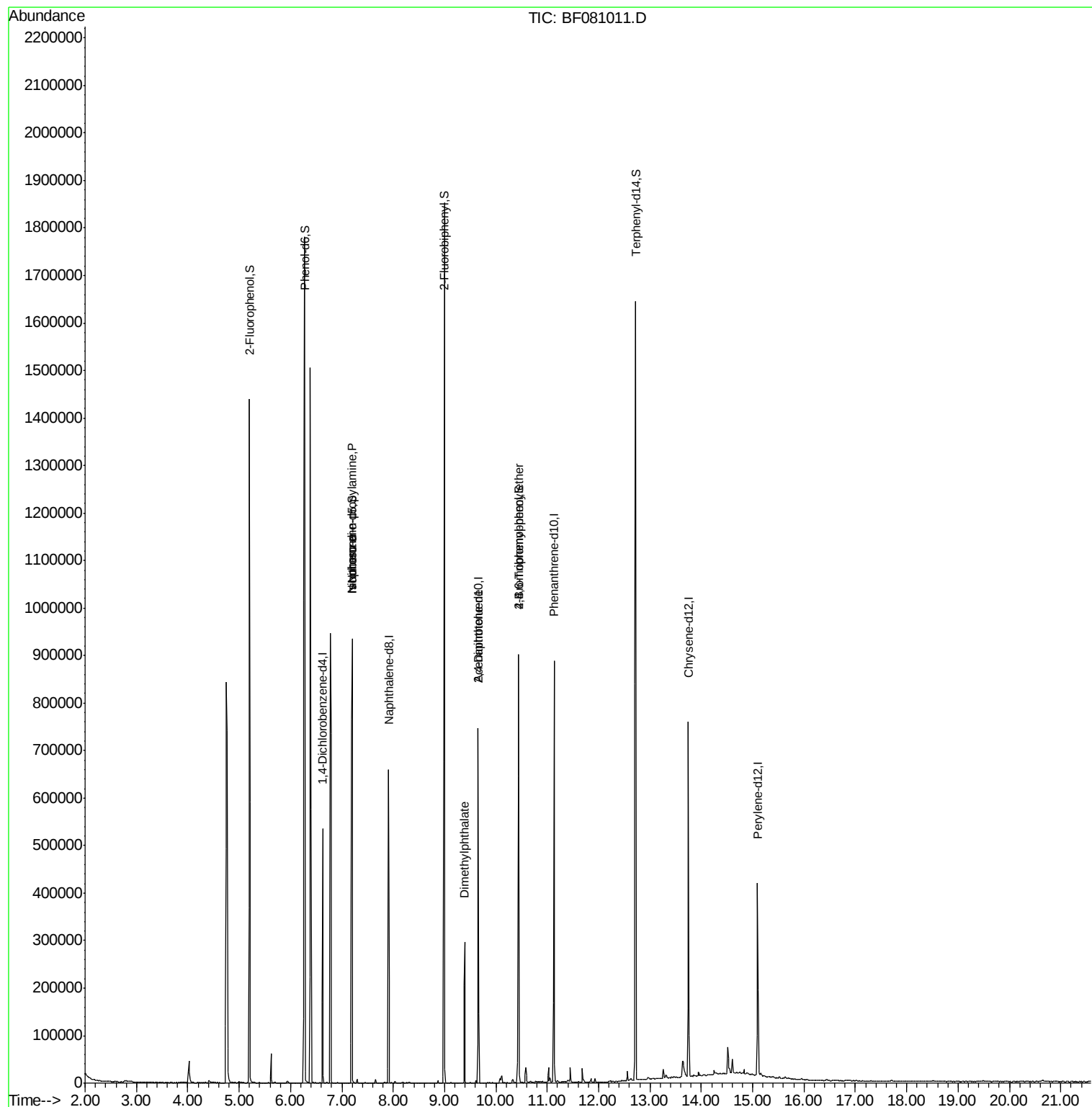
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	77950	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	292360	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	135722	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	296995	20.00	ng	0.00
75) Chrysene-d12	13.75	240	233351	20.00	ng	0.00
86) Perylene-d12	15.10	264	169017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	423693	81.75	ng	0.01
7) Phenol-d6	6.27	99	675063	99.83	ng	0.01
23) Nitrobenzene-d5	7.20	82	410718	64.17	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	111500	94.77	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	570594	55.09	ng	0.00
78) Terphenyl-d14	12.72	244	554642	50.96	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	53278	11.37	ng	# 64
25) Isophorone	7.20	82	392781	32.91	ng	# 71
49) Dimethylphthalate	9.39	163	152274	13.62	ng	99
56) 2,4-Dinitrotoluene	9.66	165	17327	5.45	ng	# 18
66) 4-Bromophenyl-phenylether	10.44	248	8451	2.90	ng	# 1

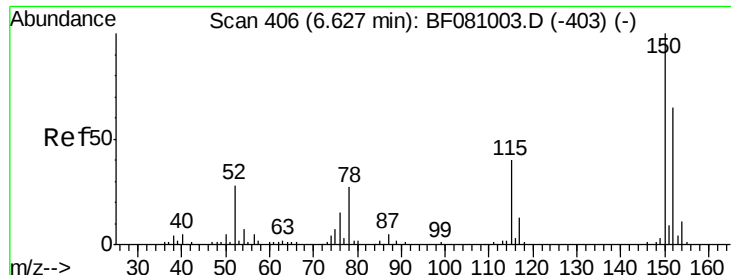
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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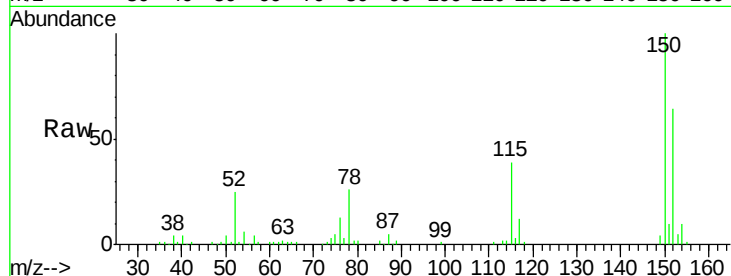


#1

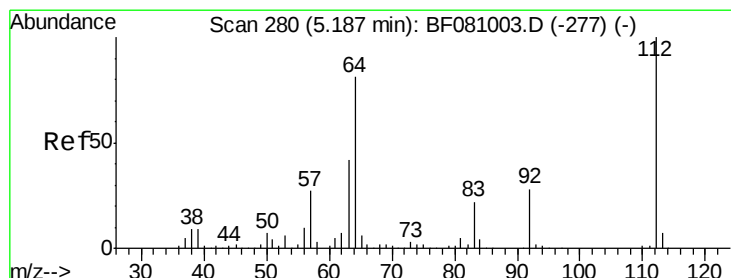
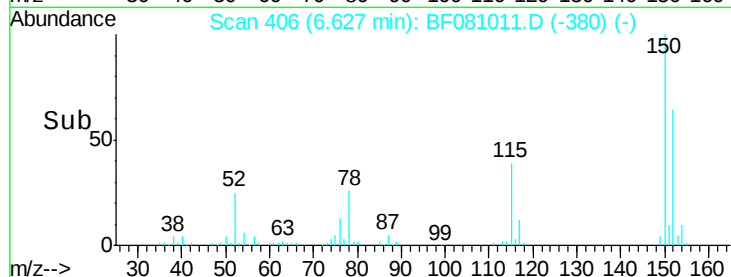
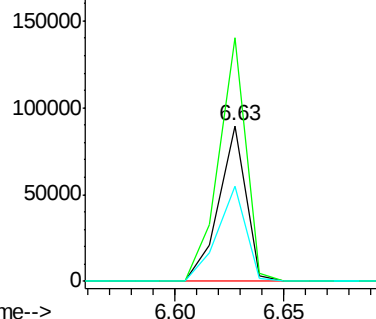
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081011.D
Acq: 17 Aug 2015 19:14

Instrument :
BNA_F
ClientSampleId :
SB06-1.0-2.0-081215

Tot Ion:152 Resp: 77950
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.6
115 61.2 52.1 78.1



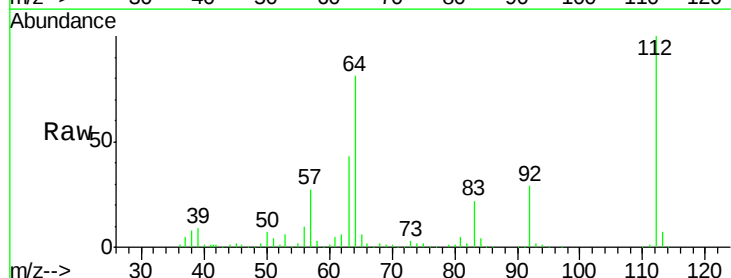
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



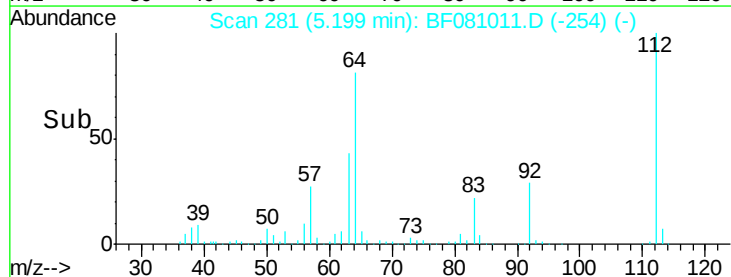
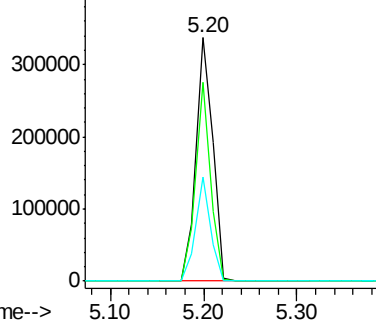
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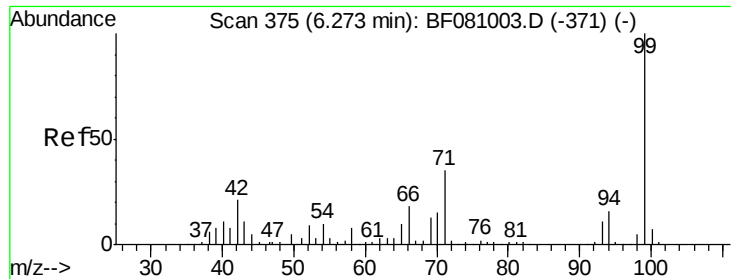
2-Fluorophenol
Concen: 81.75 ng
RT: 5.20 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF081011.D
Acq: 17 Aug 2015 19:14

Tgt Ion:112 Resp: 423693
Ion Ratio Lower Upper
112 100
64 81.4 66.9 100.3
63 42.8 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: 99.83 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081011.D

Acq: 17 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

SB06-1.0-2.0-081215

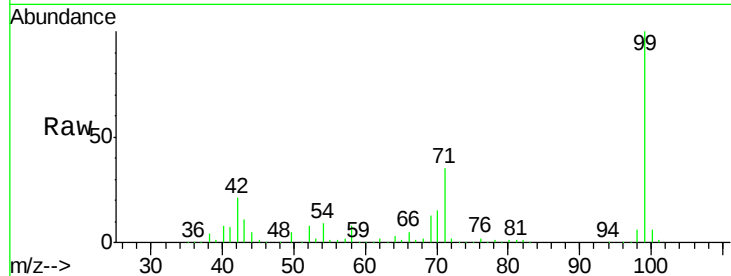
Tot Ion: 99 Resp: 675063

Ion Ratio Lower Upper

99 100

42 21.2 19.6 29.4

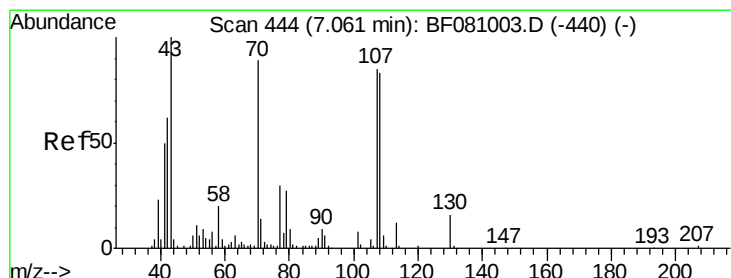
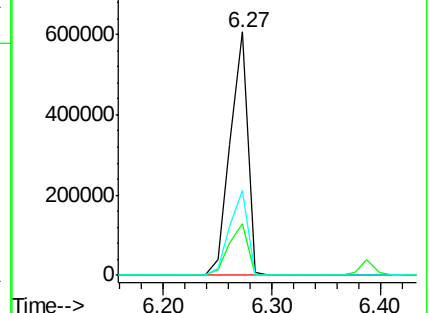
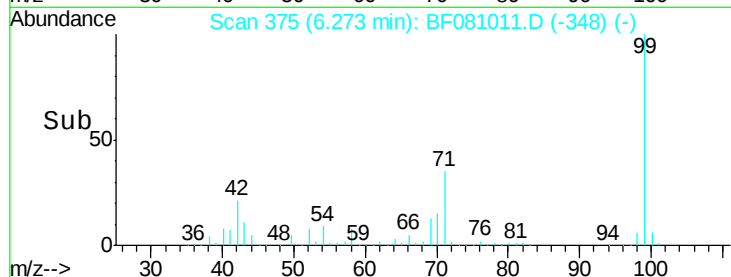
71 34.9 31.2 46.8



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: 11.37 ng

RT: 7.20 min Scan# 456

Delta R.T. 0.15 min

Lab File: BF081011.D

Acq: 17 Aug 2015 19:14

Tgt Ion: 70 Resp: 53278

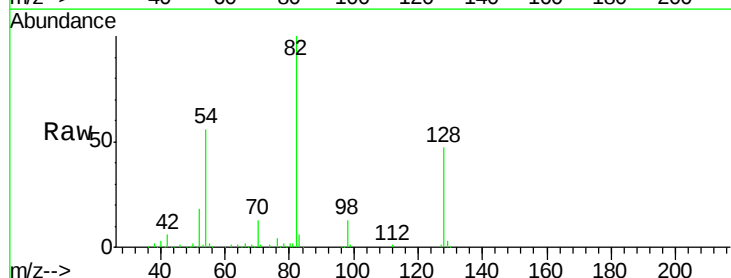
Ion Ratio Lower Upper

70 100

42 47.3 65.0 97.4#

101 0.0 7.4 11.2#

130 2.4 13.0 19.4#

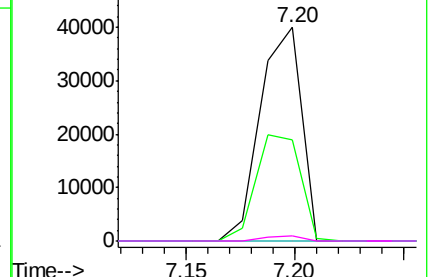
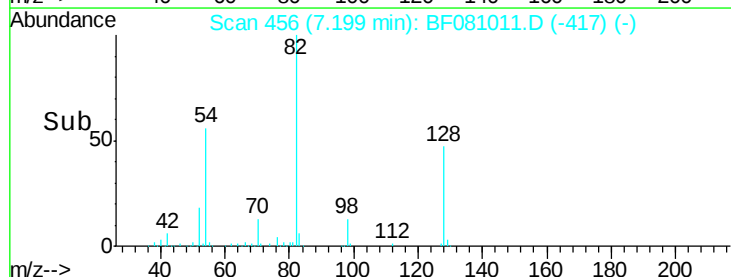


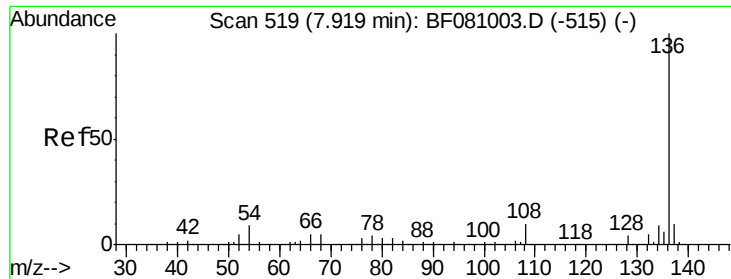
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

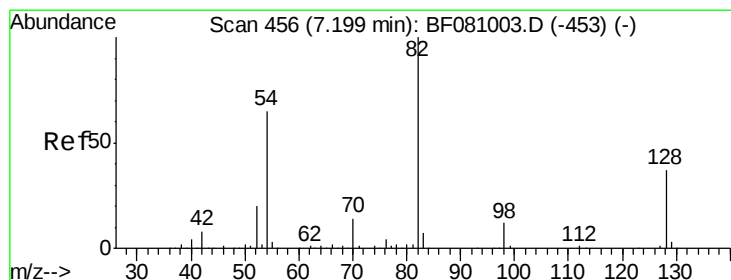
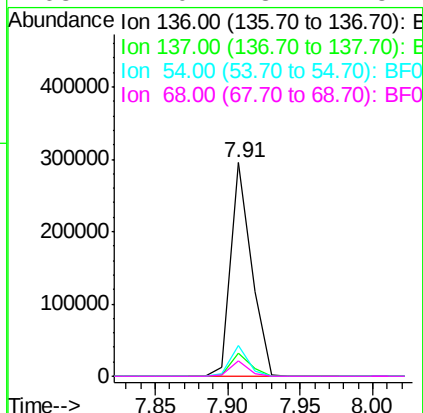
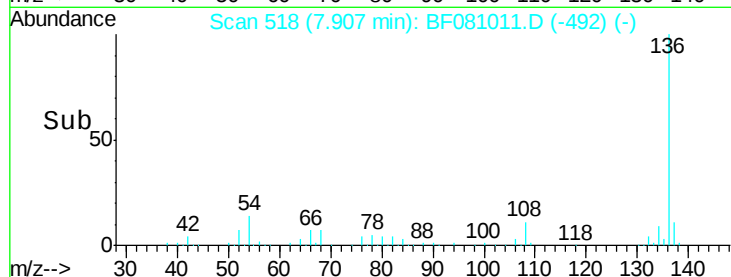
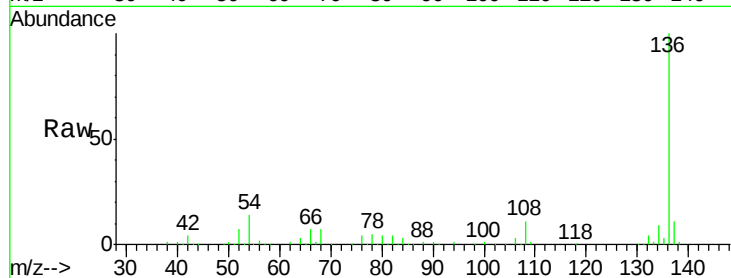




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF081011.D
Acq: 17 Aug 2015 19:14

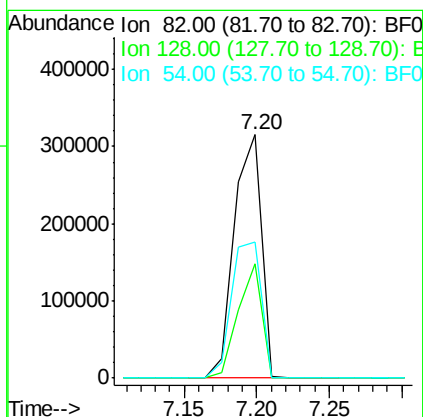
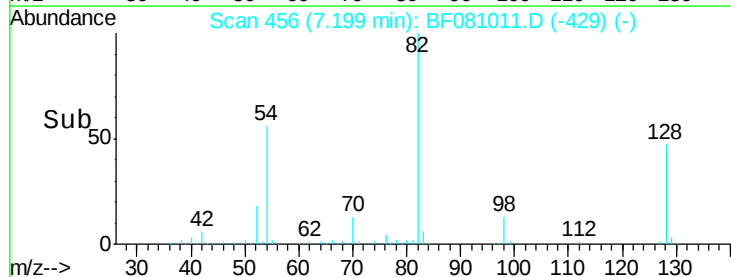
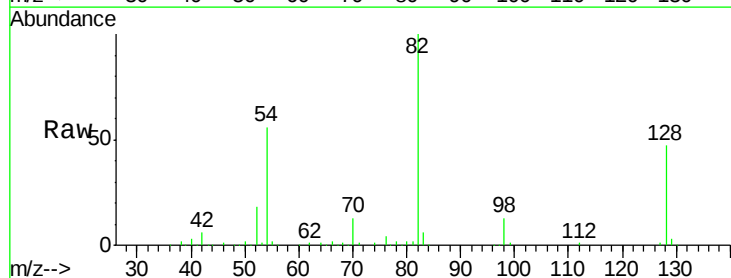
Instrument :
BNA_F
ClientSampleId :
SB06-1.0-2.0-081215

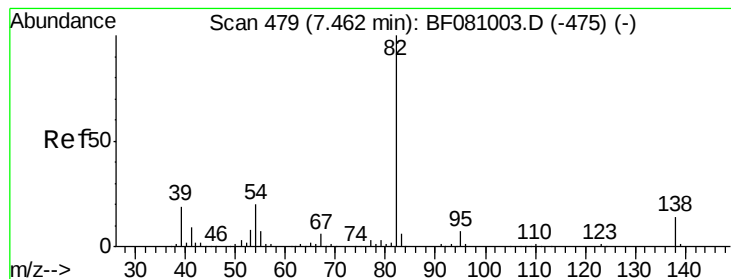
Tot Ion:136	Resp:	292360
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.2 12.2
54	14.2	7.7 11.5#
68	7.0	3.4 5.2#



#23
Nitrobenzene-d5
Concen: 64.17 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF081011.D
Acq: 17 Aug 2015 19:14

Tgt Ion: 82	Resp:	410718
Ion Ratio	Lower	Upper
82	100	
128	46.9	28.6 42.8#
54	56.0	55.1 82.7





#25

Isophorone

Concen: 32.91 ng

RT: 7.20 min Scan# 456

Delta R.T. -0.25 min

Lab File: BF081011.D

Acq: 17 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

SB06-1.0-2.0-081215

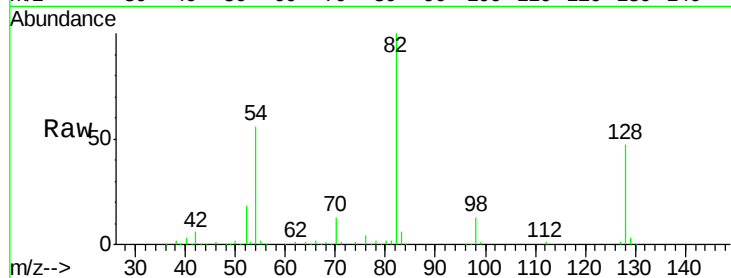
Tot Ion: 82 Resp: 392781

Ion Ratio Lower Upper

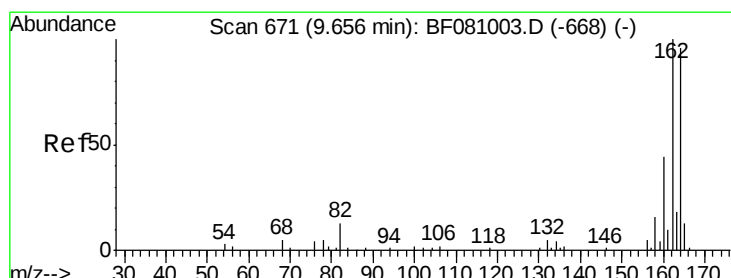
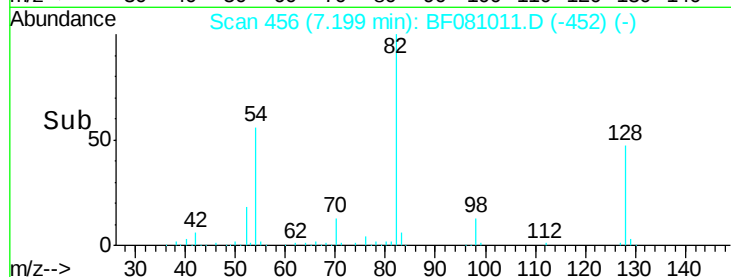
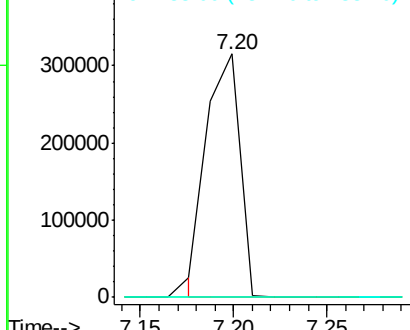
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081011.D

Acq: 17 Aug 2015 19:14

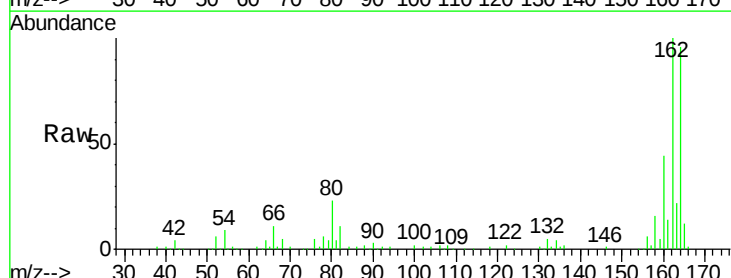
Tgt Ion:164 Resp: 135722

Ion Ratio Lower Upper

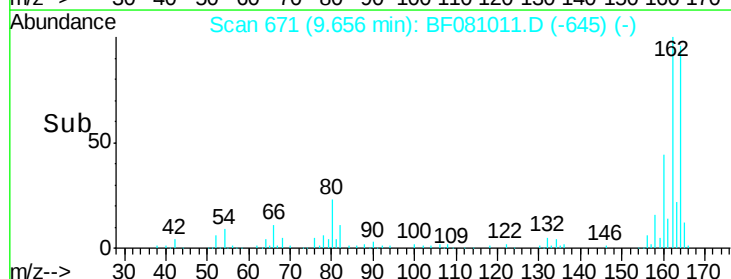
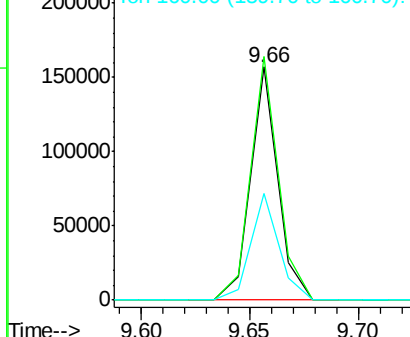
164 100

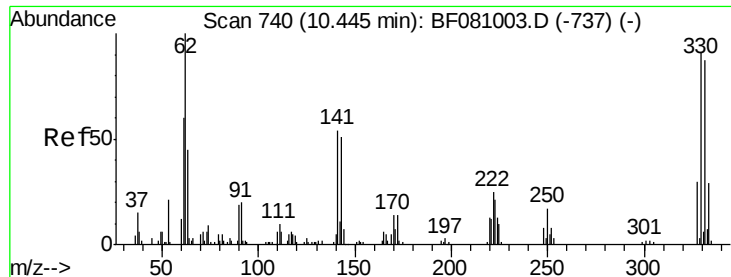
162 104.5 83.8 125.8

160 45.9 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

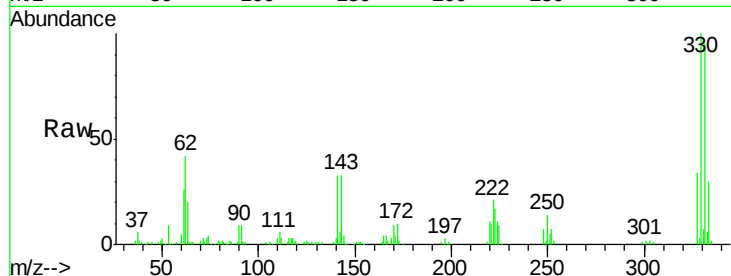




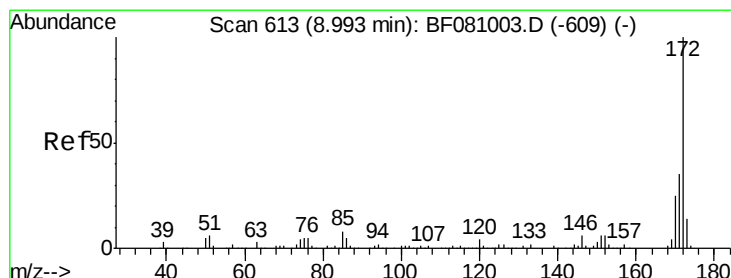
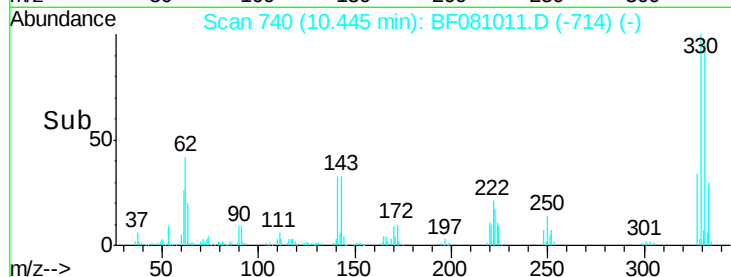
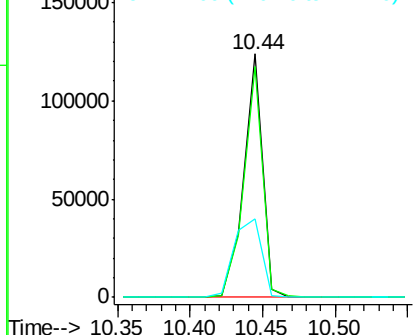
#41
 2,4,6-Tribromophenol
 Concen: 94.77 ng
 RT: 10.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081011.D
 Acq: 17 Aug 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 SB06-1.0-2.0-081215

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	47.4	44.9	67.3

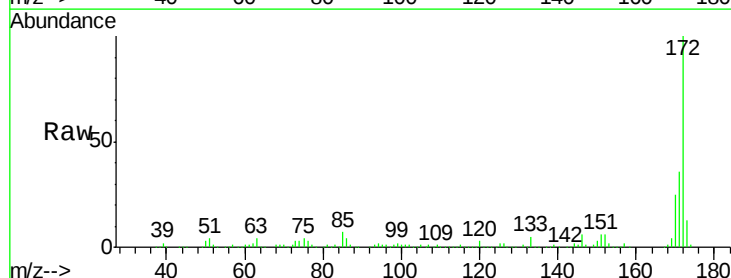


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

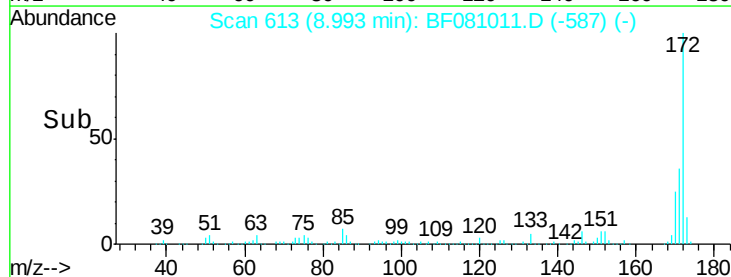
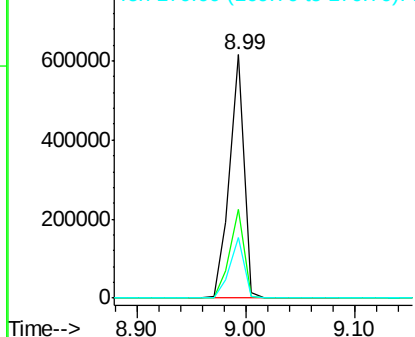


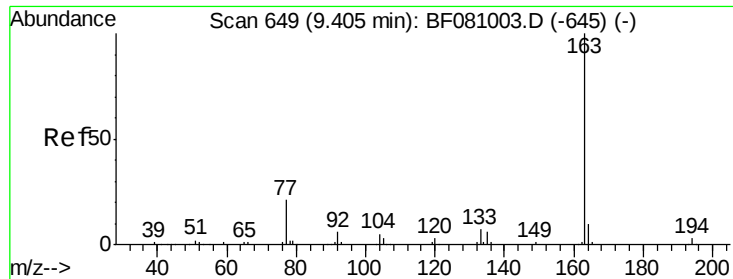
#44
 2-Fluorobiphenyl
 Concen: 55.09 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081011.D
 Acq: 17 Aug 2015 19:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	25.0	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

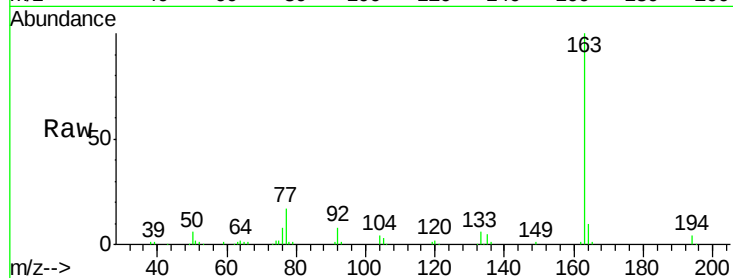




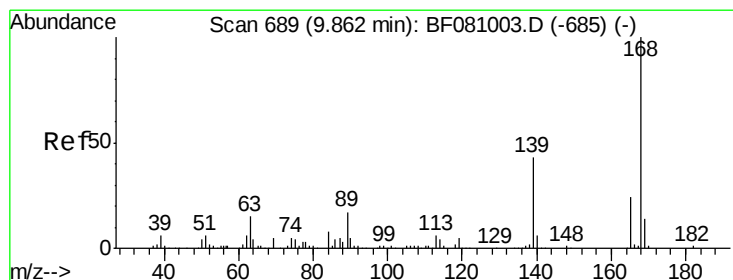
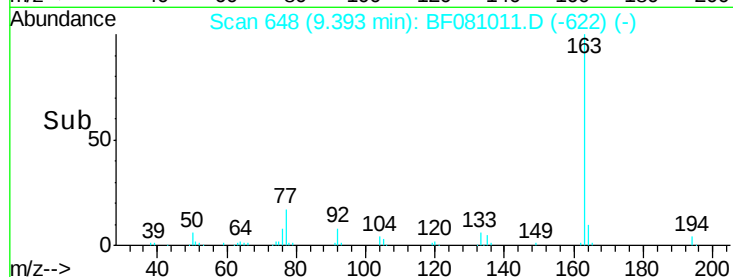
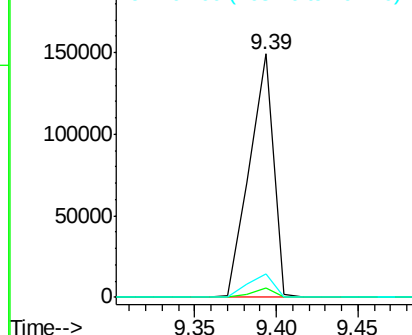
#49
Dimethylphthalate
Concen: 13.62 ng
RT: 9.39 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF081011.D
Acq: 17 Aug 2015 19:14

Instrument :
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ClientSampleId :
SB06-1.0-2.0-081215

Tot Ion:163 Resp: 152274
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7
164 9.6 8.1 12.1

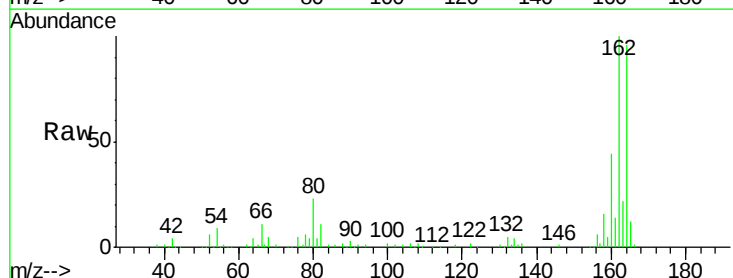


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

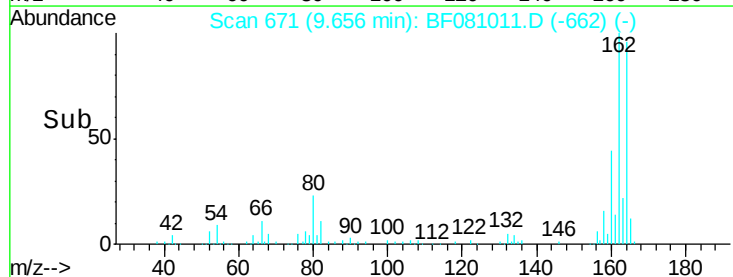
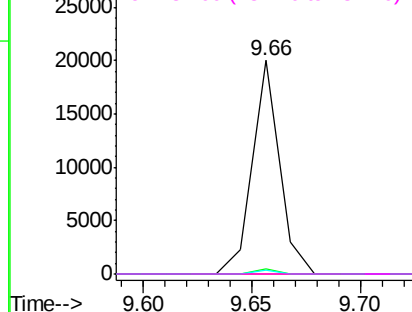


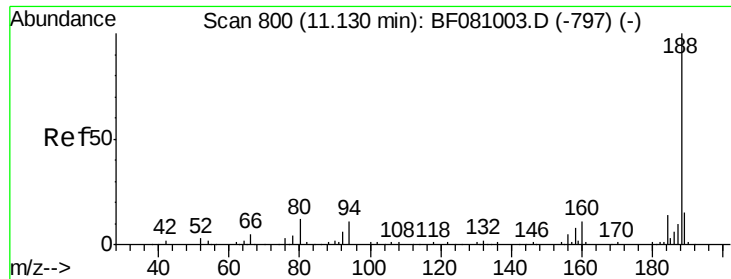
#56
2,4-Dinitrotoluene
Concen: 5.45 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.19 min
Lab File: BF081011.D
Acq: 17 Aug 2015 19:14

Tgt Ion:165 Resp: 17327
Ion Ratio Lower Upper
165 100
63 2.2 52.2 78.4#
89 1.9 60.1 90.1#
182 0.0 1.8 2.6#



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

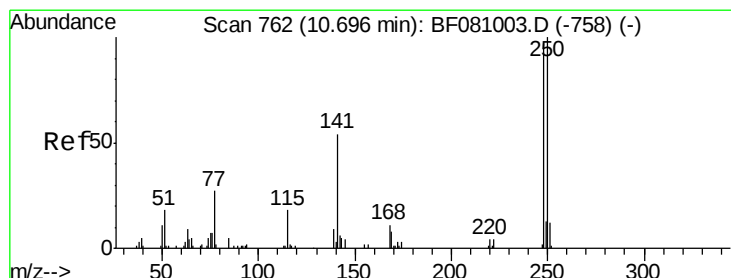
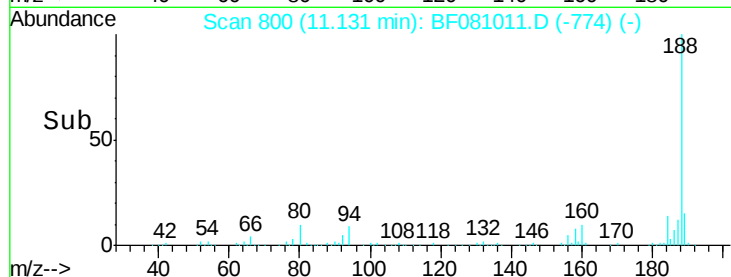
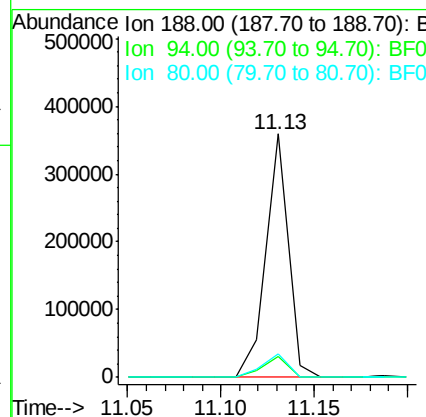
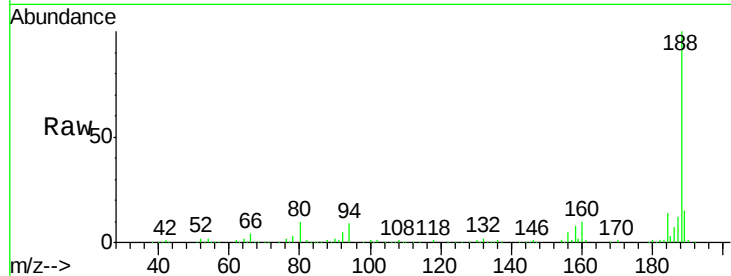




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081011.D
 Acq: 17 Aug 2015 19:14

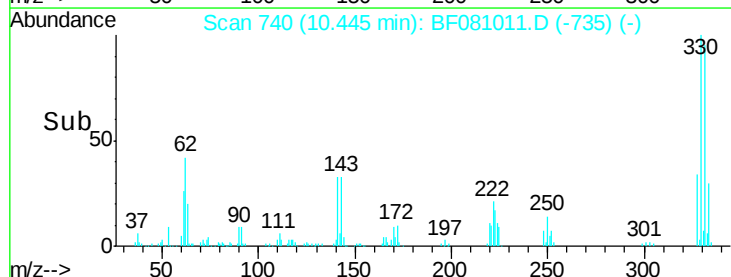
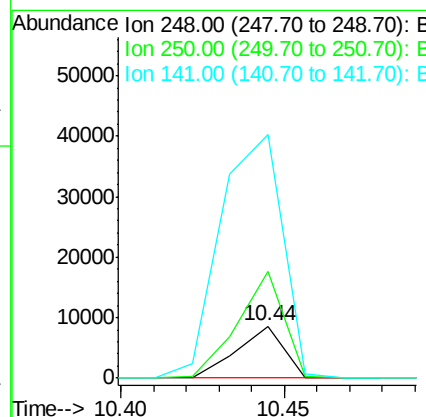
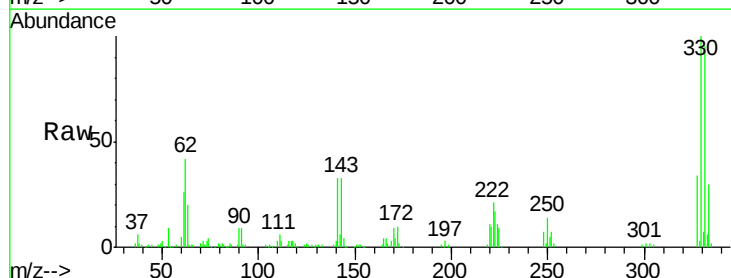
Instrument :
 BNA_F
 ClientSampleId :
 SB06-1.0-2.0-081215

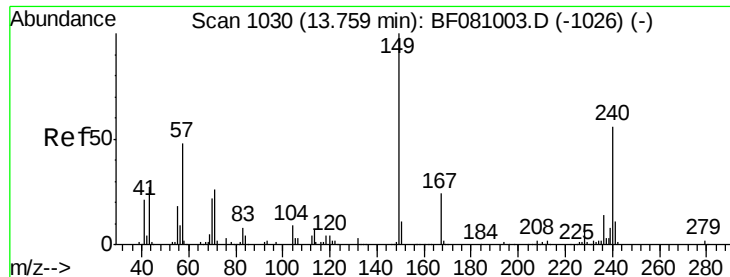
Tot Ion:188	Resp:	296995
Ion Ratio	Lower	Upper
188 100		
94 8.7	8.2	12.2
80 9.6	9.5	14.3



#66
 4-Bromophenyl-phenylether
 Concen: 2.90 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.24 min
 Lab File: BF081011.D
 Acq: 17 Aug 2015 19:14

Tgt Ion:248	Resp:	8451
Ion Ratio	Lower	Upper
248 100		
250 205.9	77.8	116.6#
141 467.8	39.8	59.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF081011.D

Acq: 17 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

SB06-1.0-2.0-081215

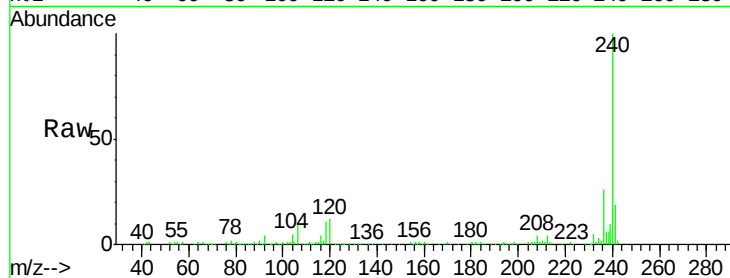
Tot Ion:240 Resp: 233351

Ion Ratio Lower Upper

240 100

120 12.2 5.6 8.4#

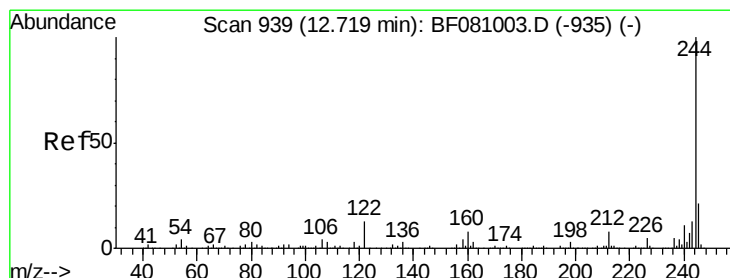
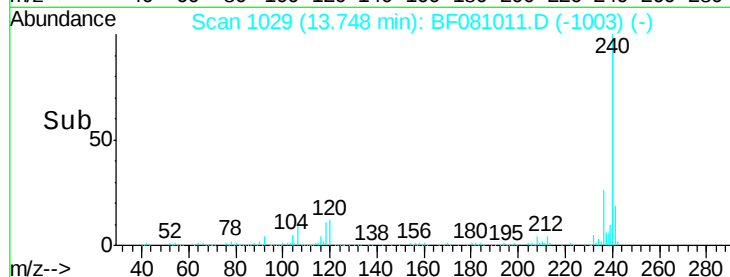
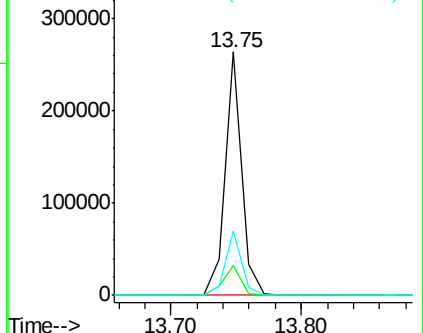
236 26.5 20.6 30.8



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: 50.96 ng

RT: 12.72 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF081011.D

Acq: 17 Aug 2015 19:14

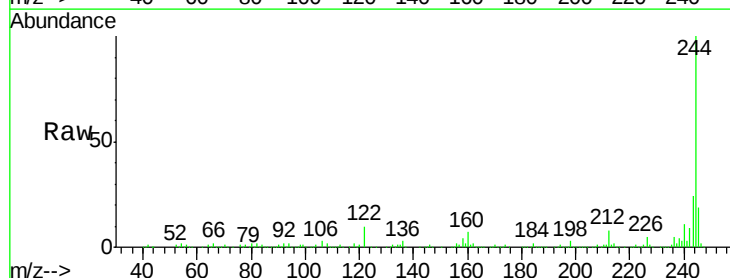
Tgt Ion:244 Resp: 554642

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

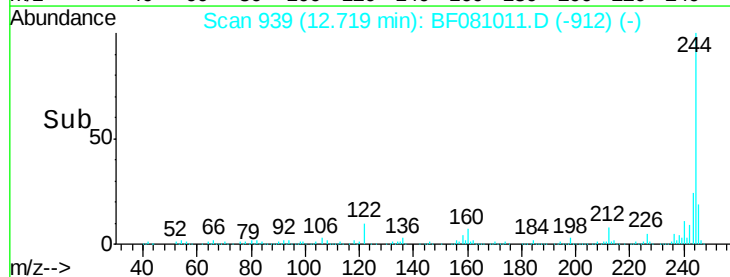
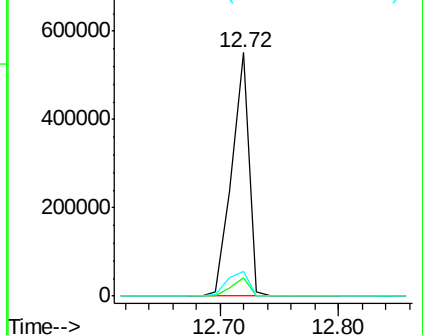
122 10.1 8.2 12.4

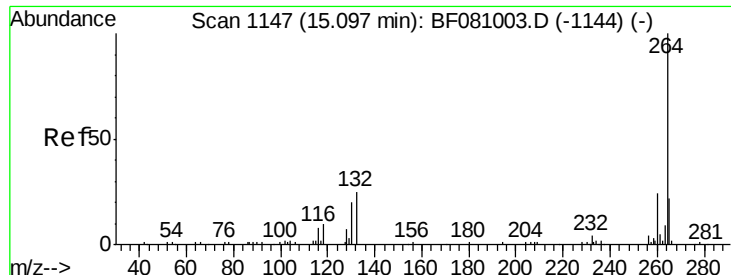


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

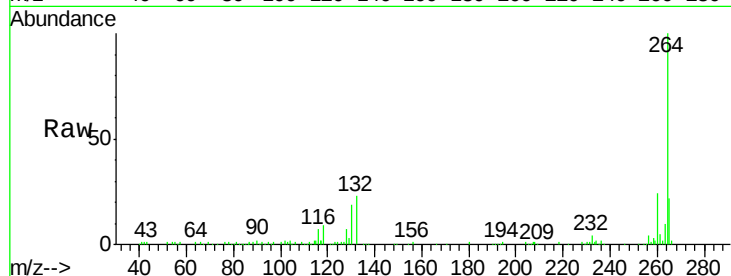




#86
Pervlène-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF081011.D
Acq: 17 Aug 2015 19:14

Instrument :
BNA_F
ClientSampleId :
SB06-1.0-2.0-081215

Tot Ion:264	Resp:	169017
Ion	Ratio	Lower Upper
264	100	
260	23.8	19.6 29.4
265	22.2	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

