

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081218.D
 Acq On : 26 Aug 2015 18:12
 Operator : UM/IZ
 Sample : PB85191BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 00:39:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

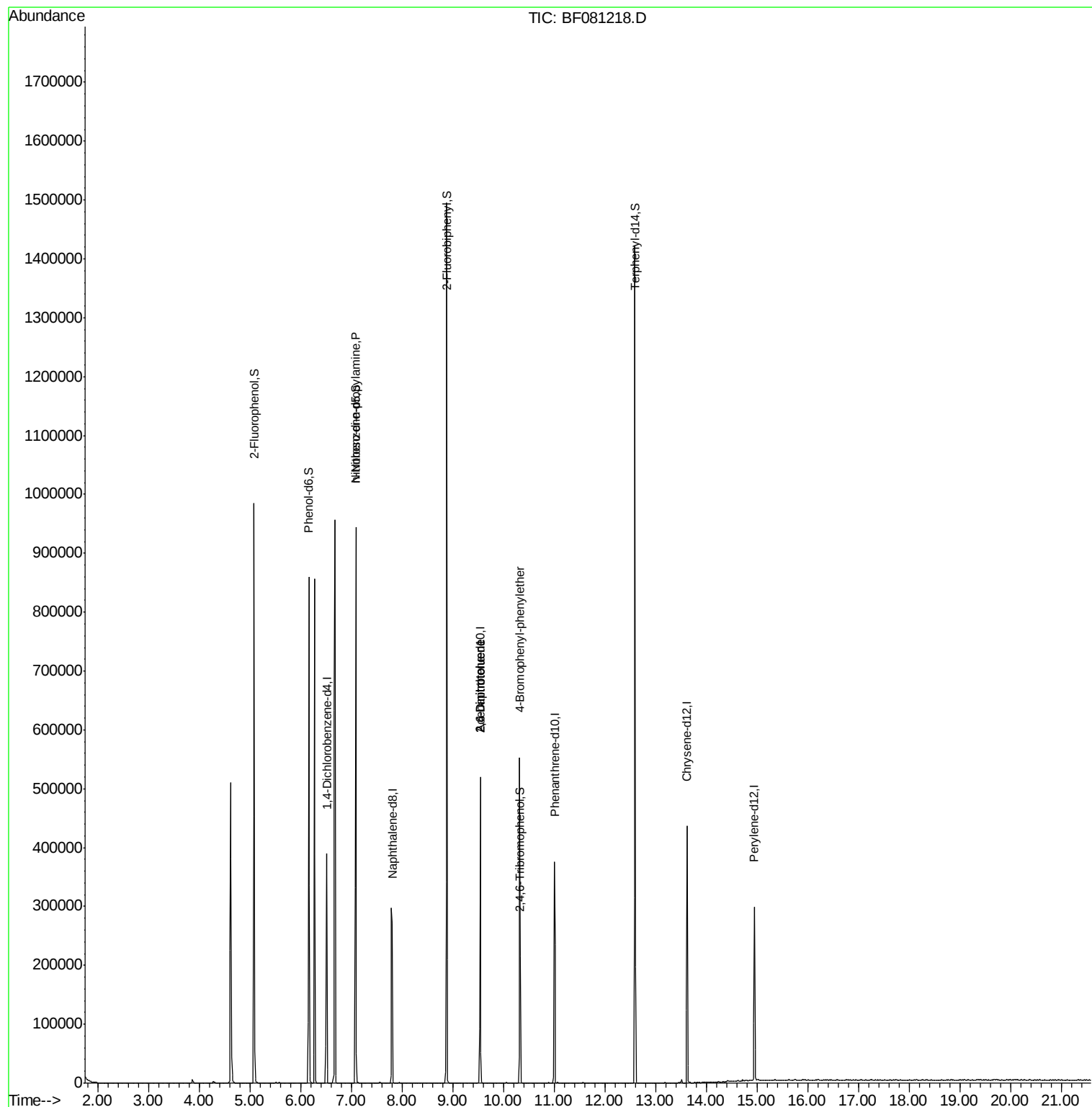
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	52127	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	194707	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	97573	20.00	ng	-0.04
63) Phenanthrene-d10	11.01	188	173669	20.00	ng	-0.04
75) Chrysene-d12	13.62	240	150694	20.00	ng	-0.04
86) Perylene-d12	14.95	264	115203	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	265971	76.74	ng	-0.01
7) Phenol-d6	6.16	99	313971	69.43	ng	-0.04
23) Nitrobenzene-d5	7.09	82	309593	72.64	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	55621	65.76	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	465924	62.57	ng	-0.02
78) Terphenyl-d14	12.60	244	416356	59.23	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.09	70	41824	13.35	ng	# 69
50) 2,6-Dinitrotoluene	9.54	165	12151	7.04	ng	# 20
56) 2,4-Dinitrotoluene	9.54	165	12151	5.31	ng	# 16
66) 4-Bromophenyl-phenylether	10.32	248	4015	2.35	ng	# 1

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

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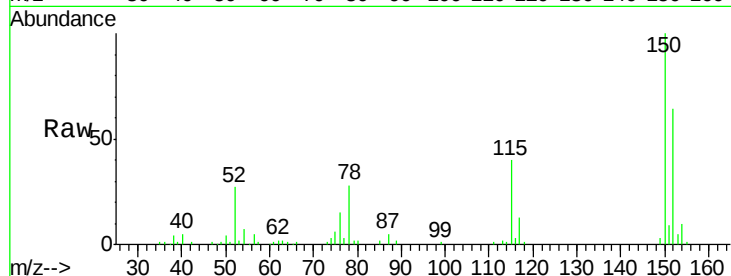


#1

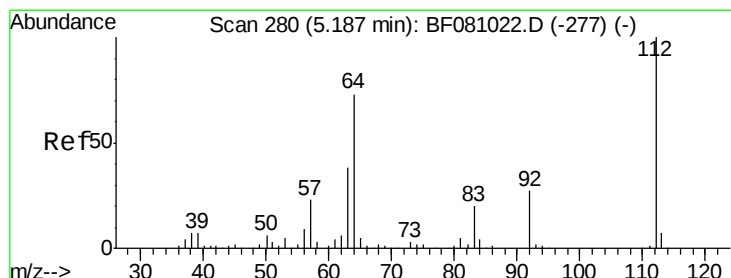
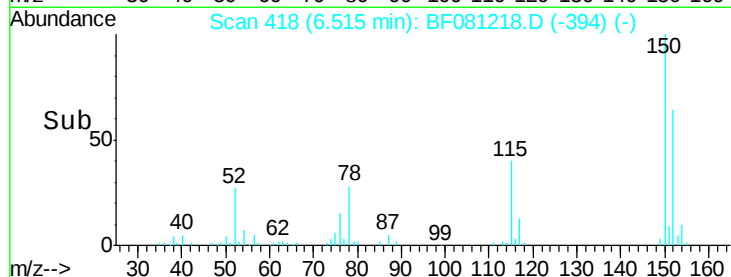
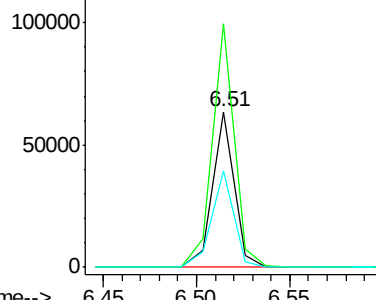
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081218.D
Acq: 26 Aug 2015 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 52127
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.6
115 61.8 52.1 78.1



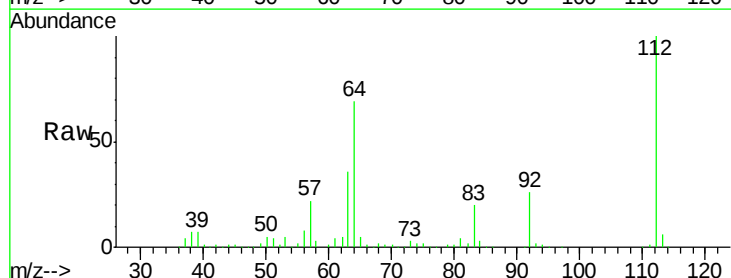
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



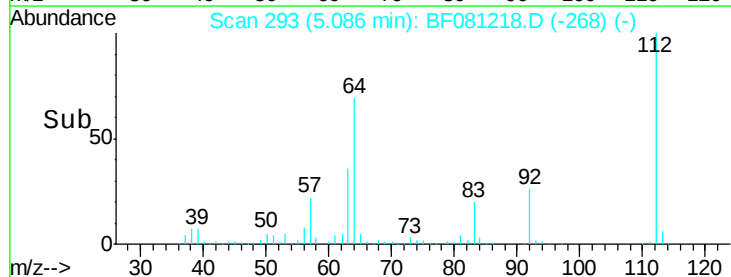
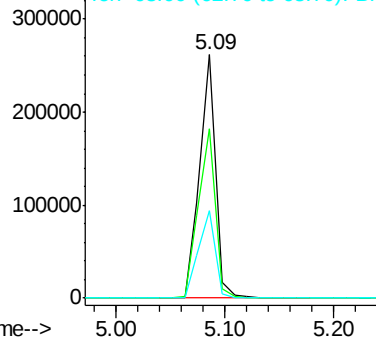
#5

2-Fluorophenol
Concen: 76.74 ng
RT: 5.09 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF081218.D
Acq: 26 Aug 2015 18:12

Tgt Ion:112 Resp: 265971
Ion Ratio Lower Upper
112 100
64 69.4 66.9 100.3
63 36.0 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: 69.43 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.04 min

Lab File: BF081218.D

Acq: 26 Aug 2015 18:12

Instrument :

BNA_F

ClientSampleId :

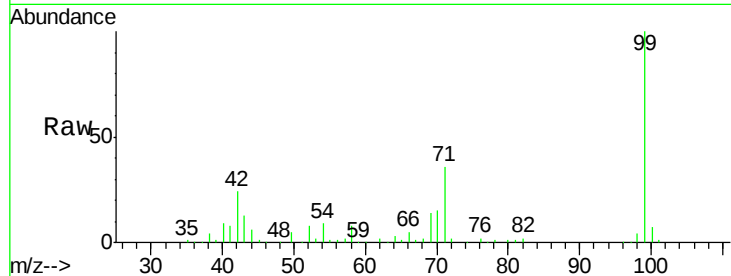
Tot Ion: 99 Resp: 313971

Ion Ratio Lower Upper

99 100

42 24.3 19.6 29.4

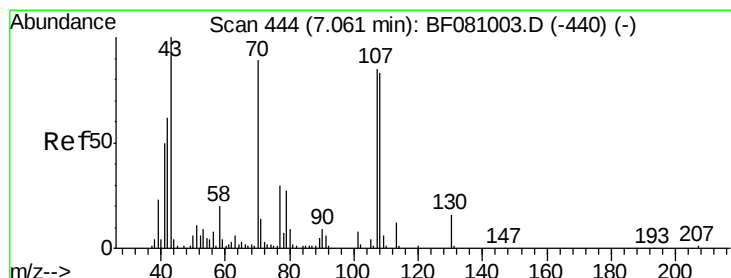
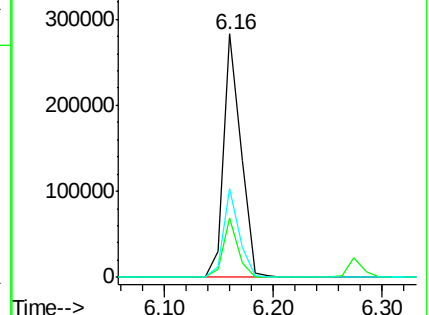
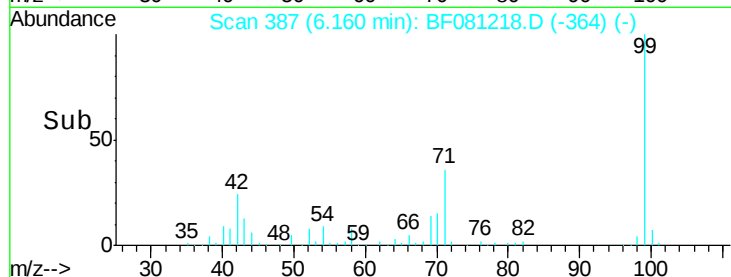
71 36.3 31.2 46.8



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: 13.35 ng

RT: 7.09 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081218.D

Acq: 26 Aug 2015 18:12

Tgt Ion: 70 Resp: 41824

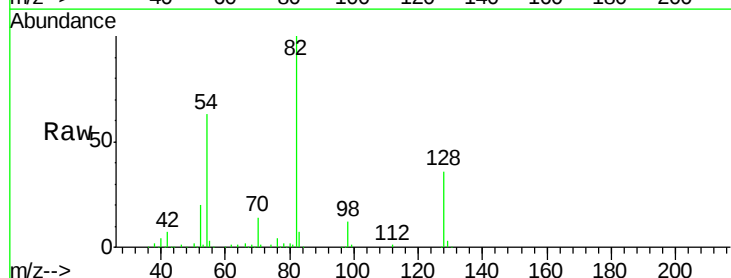
Ion Ratio Lower Upper

70 100

42 53.2 65.0 97.4#

101 0.0 7.4 11.2#

130 1.9 13.0 19.4#

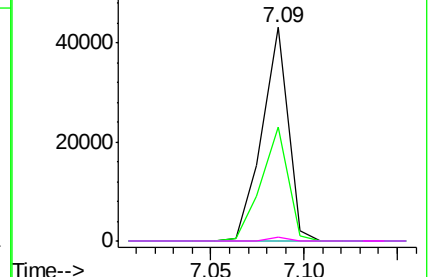
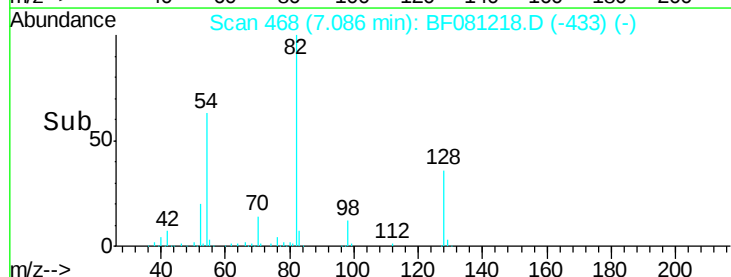


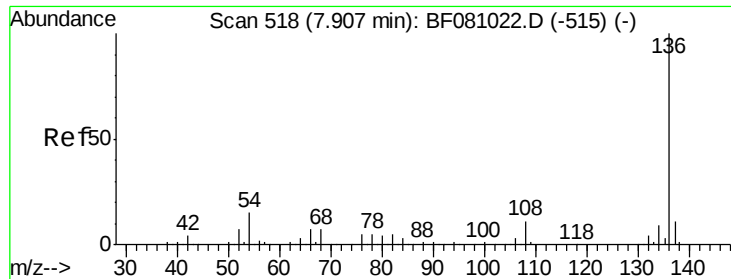
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

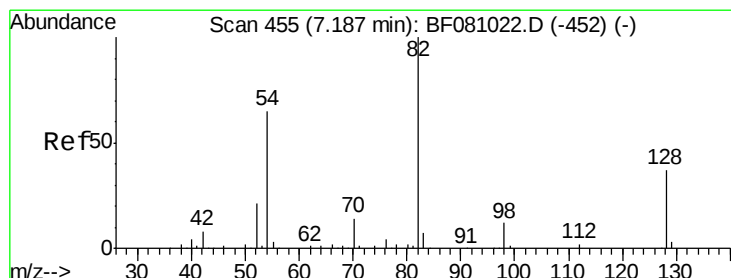
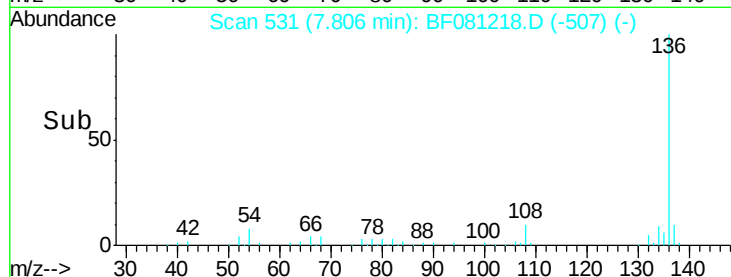
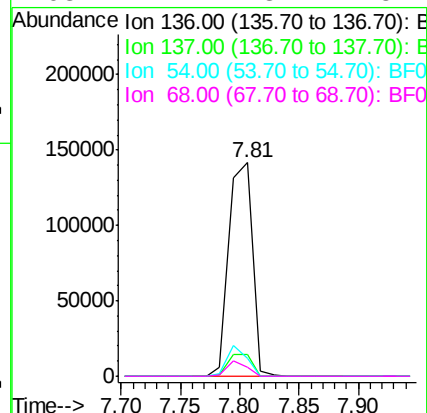
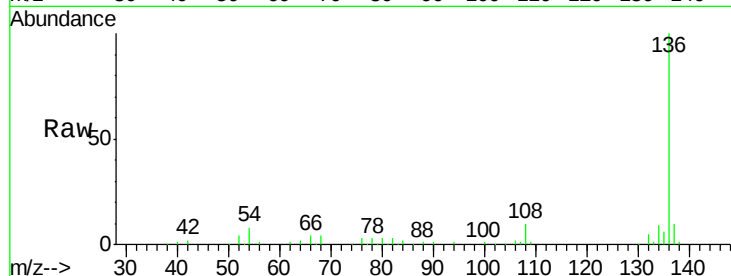




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081218.D
Acq: 26 Aug 2015 18:12

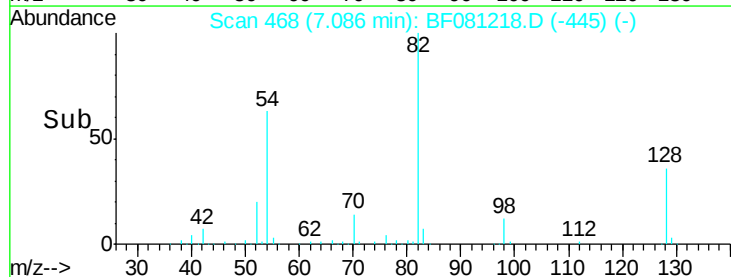
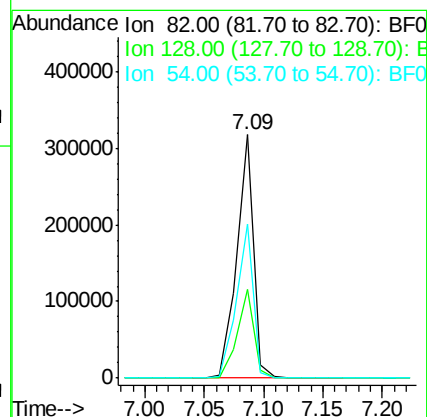
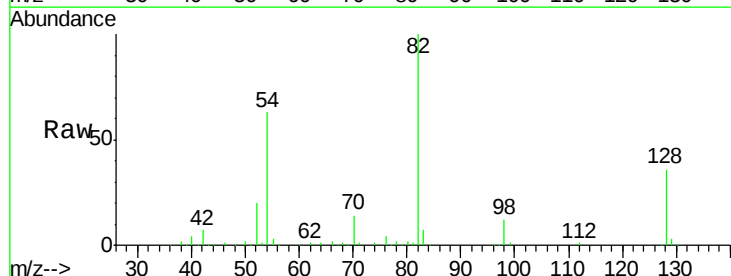
Instrument :
BNA_F
ClientSampleId :

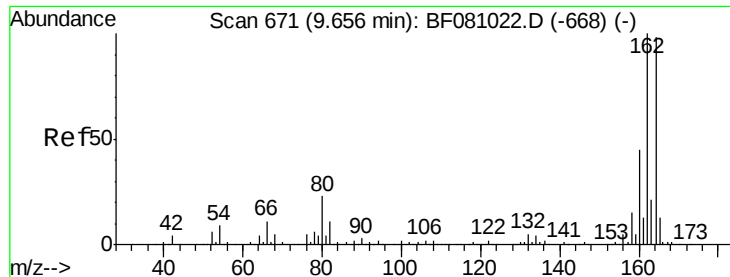
Tot Ion:	136	Resp:	194707
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.2
54	8.4	7.7	11.5
68	4.2	3.4	5.2



#23
Nitrobenzene-d5
Concen: 72.64 ng
RT: 7.09 min Scan# 468
Delta R.T. -0.04 min
Lab File: BF081218.D
Acq: 26 Aug 2015 18:12

Tgt Ion:	82	Resp:	309593
Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.6	42.8
54	63.3	55.1	82.7

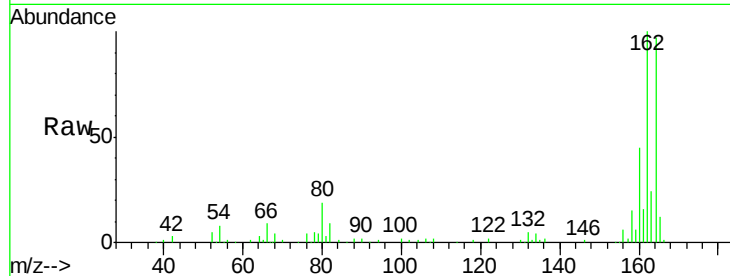




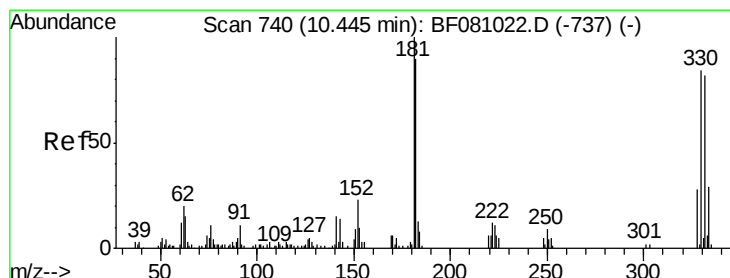
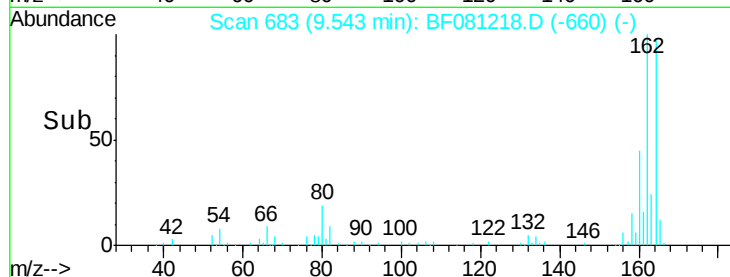
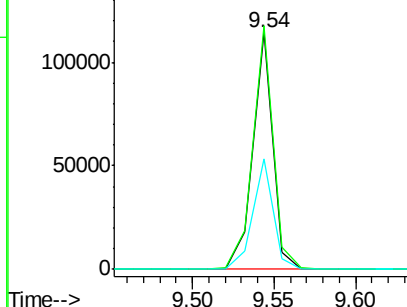
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 683
Delta R.T. -0.04 min
Lab File: BF081218.D
Acq: 26 Aug 2015 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 97573
Ion Ratio Lower Upper
164 100
162 102.8 83.8 125.8
160 46.5 39.8 59.8

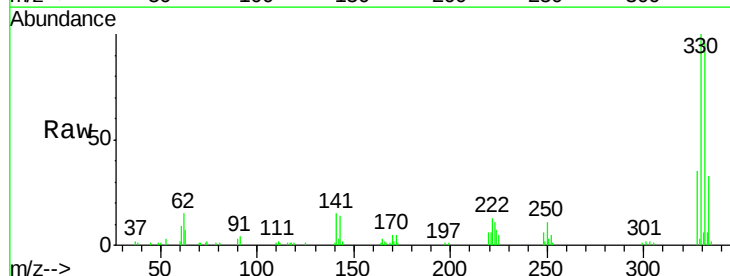


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

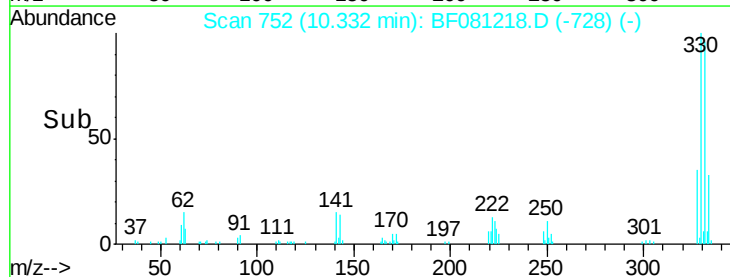
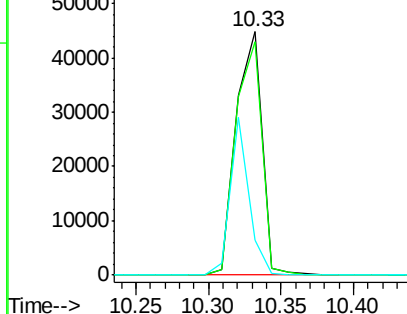


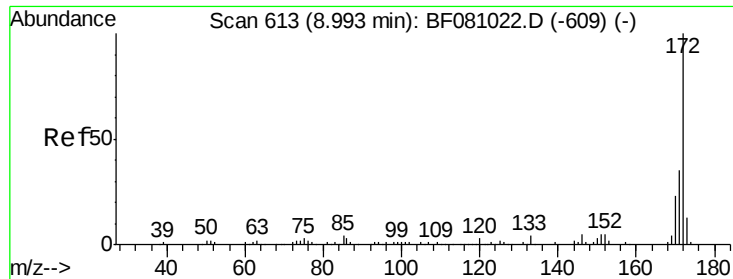
#41
2,4,6-Tribromophenol
Concen: 65.76 ng
RT: 10.33 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF081218.D
Acq: 26 Aug 2015 18:12

Tgt Ion:330 Resp: 55621
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 47.1 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

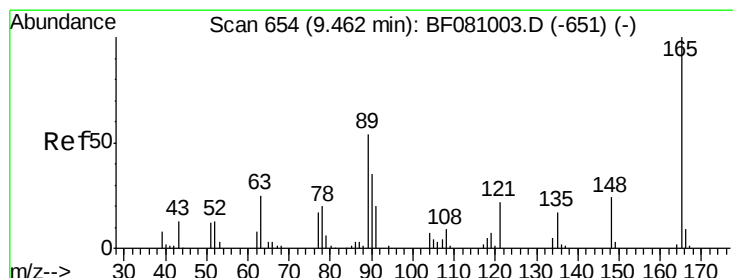
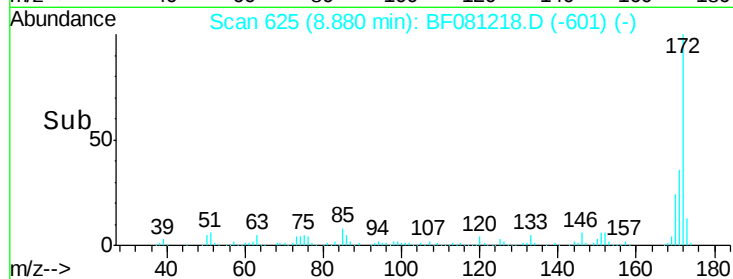
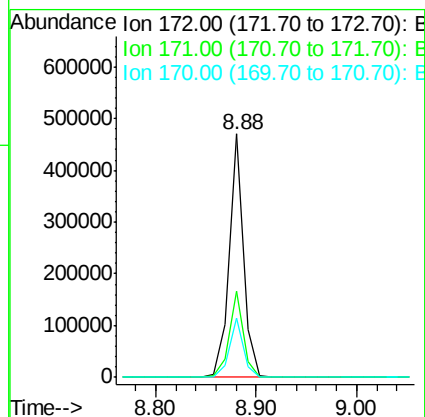
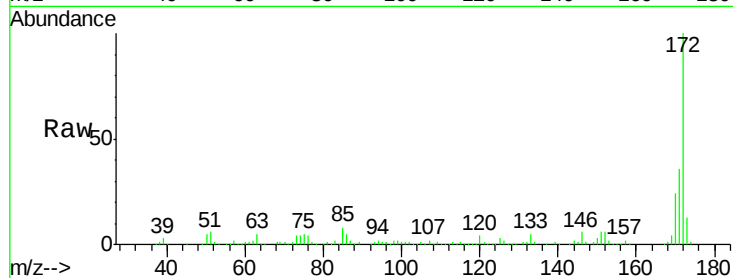




#44
 2-Fluorobiphenyl
 Concen: 62.57 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081218.D
 Acq: 26 Aug 2015 18:12

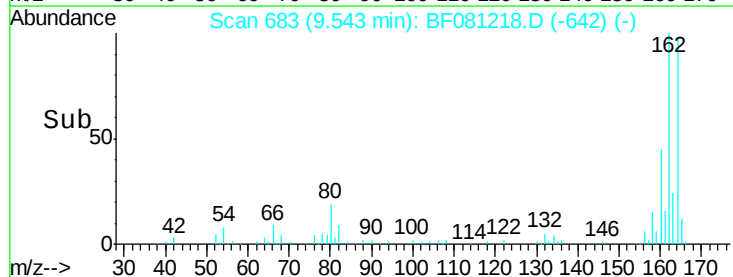
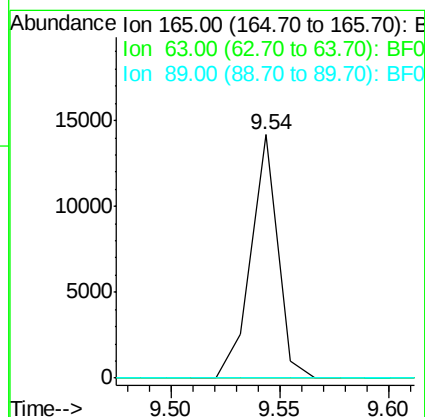
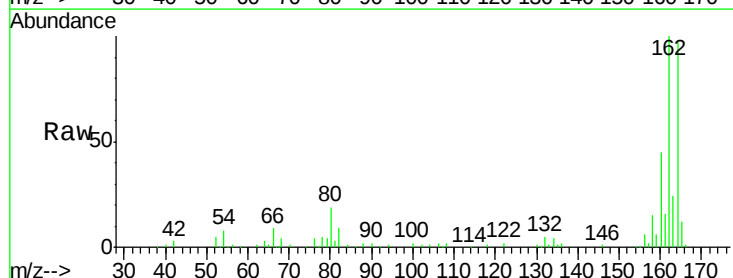
Instrument :
 BNA_F
 ClientSampleId :

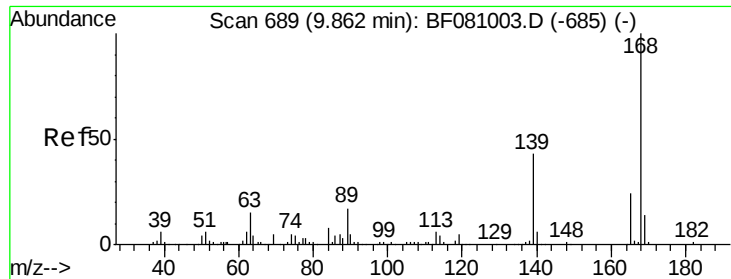
Tot Ion:172 Resp: 465924
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 24.1 19.4 29.2



#50
 2,6-Dinitrotoluene
 Concen: 7.04 ng
 RT: 9.54 min Scan# 683
 Delta R.T. 0.17 min
 Lab File: BF081218.D
 Acq: 26 Aug 2015 18:12

Tgt Ion:165 Resp: 12151
 Ion Ratio Lower Upper
 165 100
 63 0.0 49.5 74.3#
 89 0.0 47.6 71.4#

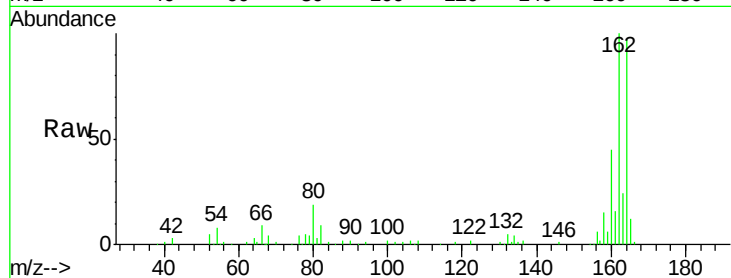




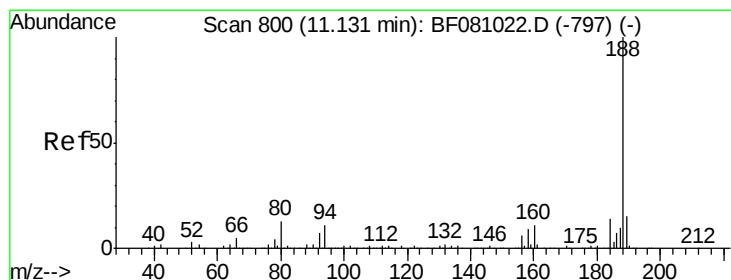
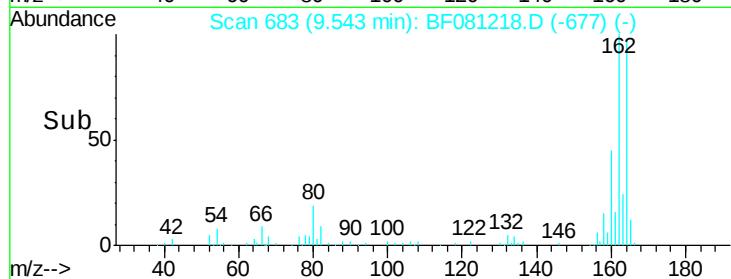
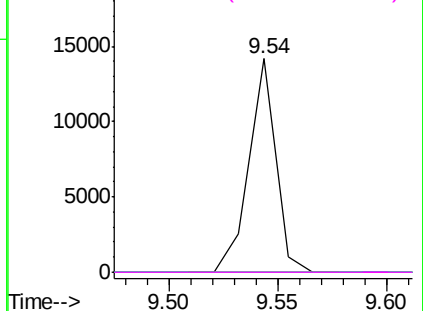
#56
 2,4-Dinitrotoluene
 Concen: 5.31 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.23 min
 Lab File: BF081218.D
 Acq: 26 Aug 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 12151
 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#

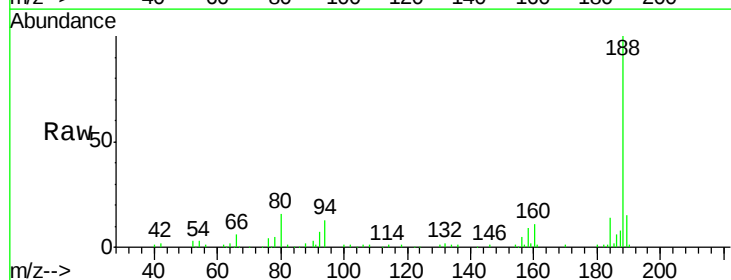


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

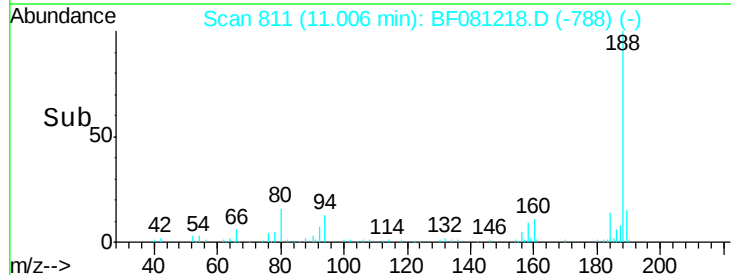
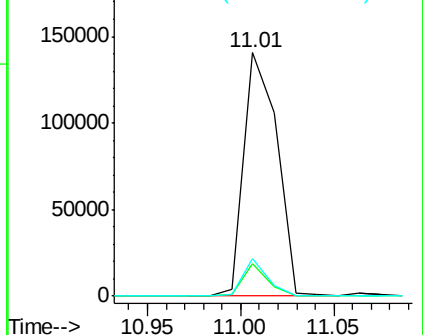


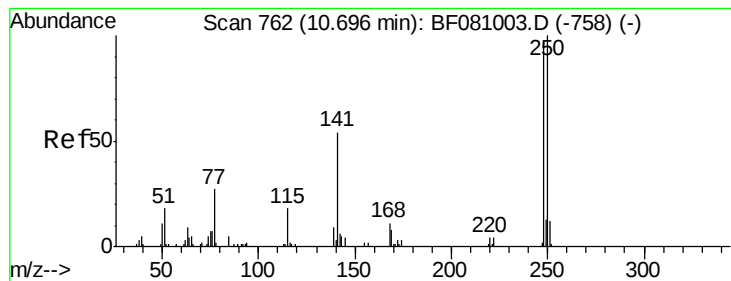
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.04 min
 Lab File: BF081218.D
 Acq: 26 Aug 2015 18:12

Tgt Ion:188 Resp: 173669
 Ion Ratio Lower Upper
 188 100
 94 13.4 8.2 12.2#
 80 15.6 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: 2.35 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.28 min

Lab File: BF081218.D

Acq: 26 Aug 2015 18:12

Instrument :

BNA_F

ClientSampled :

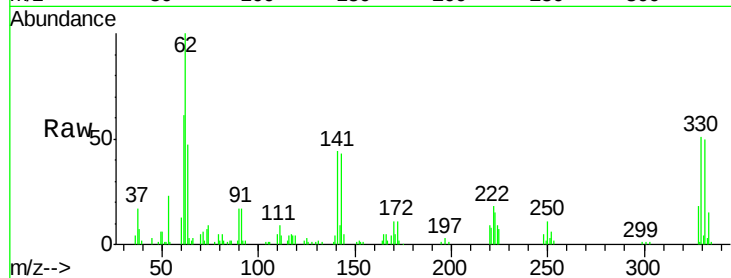
Tot Ion:248 Resp: 4015

Ion Ratio Lower Upper

248 100

250 208.9 77.8 116.6#

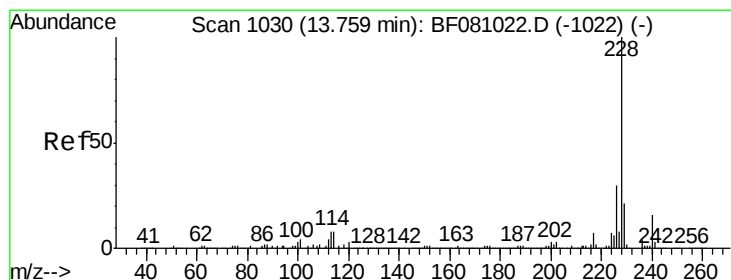
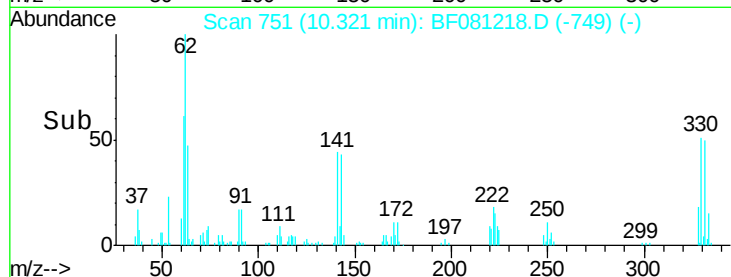
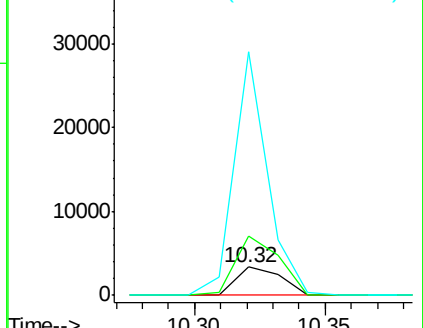
141 859.0 39.8 59.6#



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: 13.62 min Scan# 1040

Delta R.T. -0.04 min

Lab File: BF081218.D

Acq: 26 Aug 2015 18:12

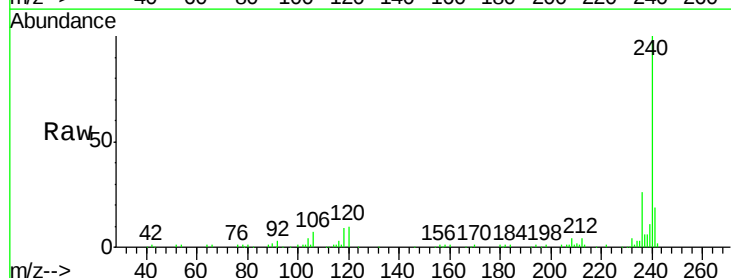
Tgt Ion:240 Resp: 150694

Ion Ratio Lower Upper

240 100

120 10.5 5.6 8.4#

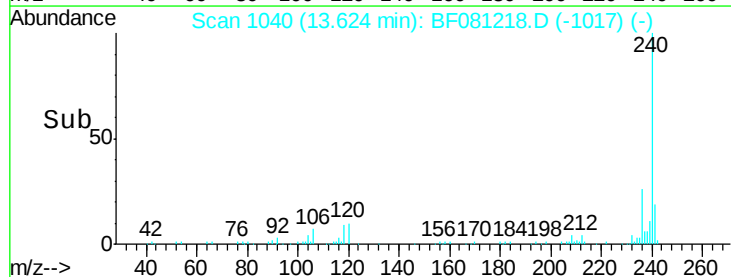
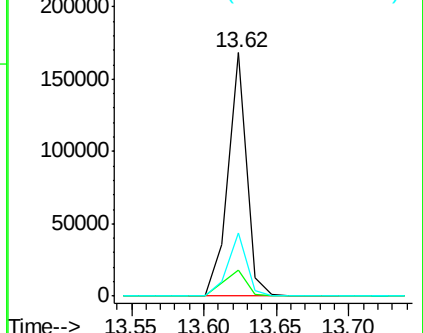
236 25.9 20.6 30.8

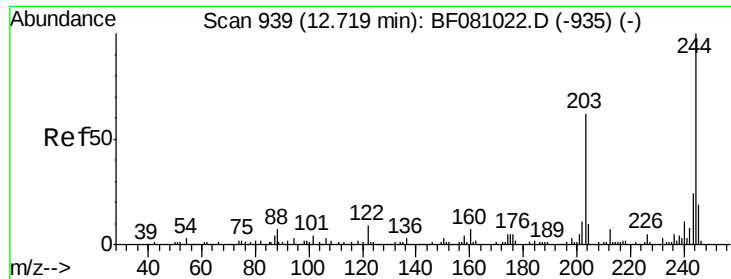


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 59.23 ng

RT: 12.60 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF081218.D

Acq: 26 Aug 2015 18:12

Instrument :

BNA_F

ClientSampled :

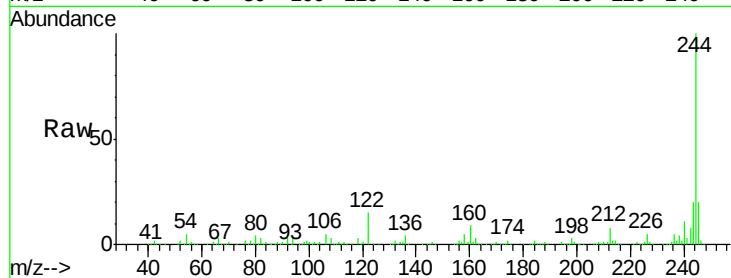
Tot Ion:244 Resp: 416356

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

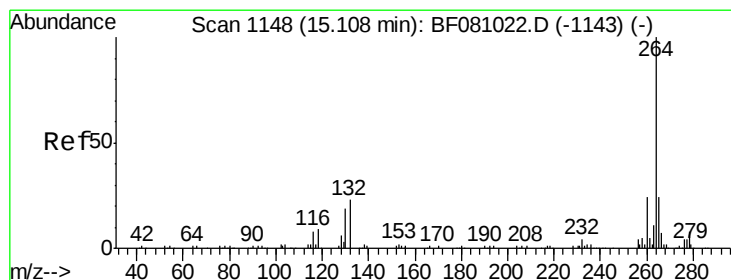
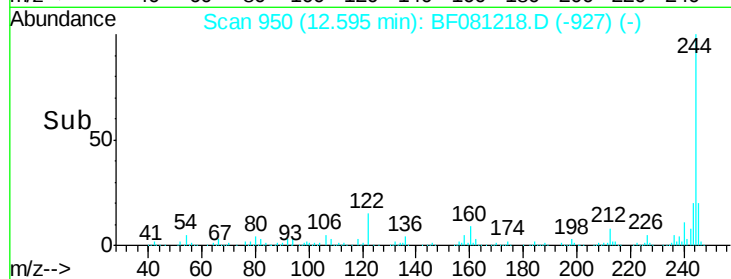
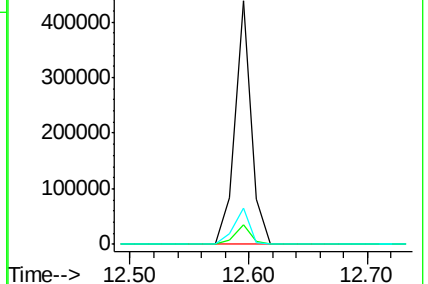
122 14.9 8.2 12.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 14.95 min Scan# 1156

Delta R.T. -0.04 min

Lab File: BF081218.D

Acq: 26 Aug 2015 18:12

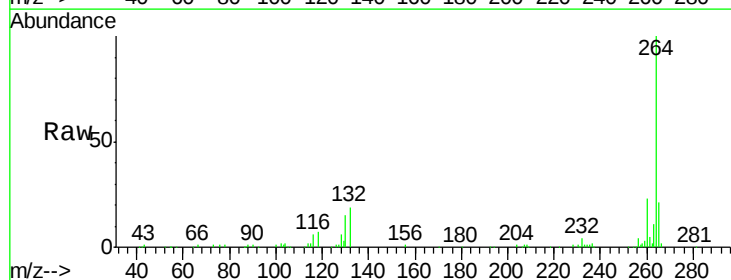
Tgt Ion:264 Resp: 115203

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 21.2 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

