

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081152.D
 Acq On : 21 Aug 2015 18:42
 Operator : UM/IZ
 Sample : G3304-05RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:29:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

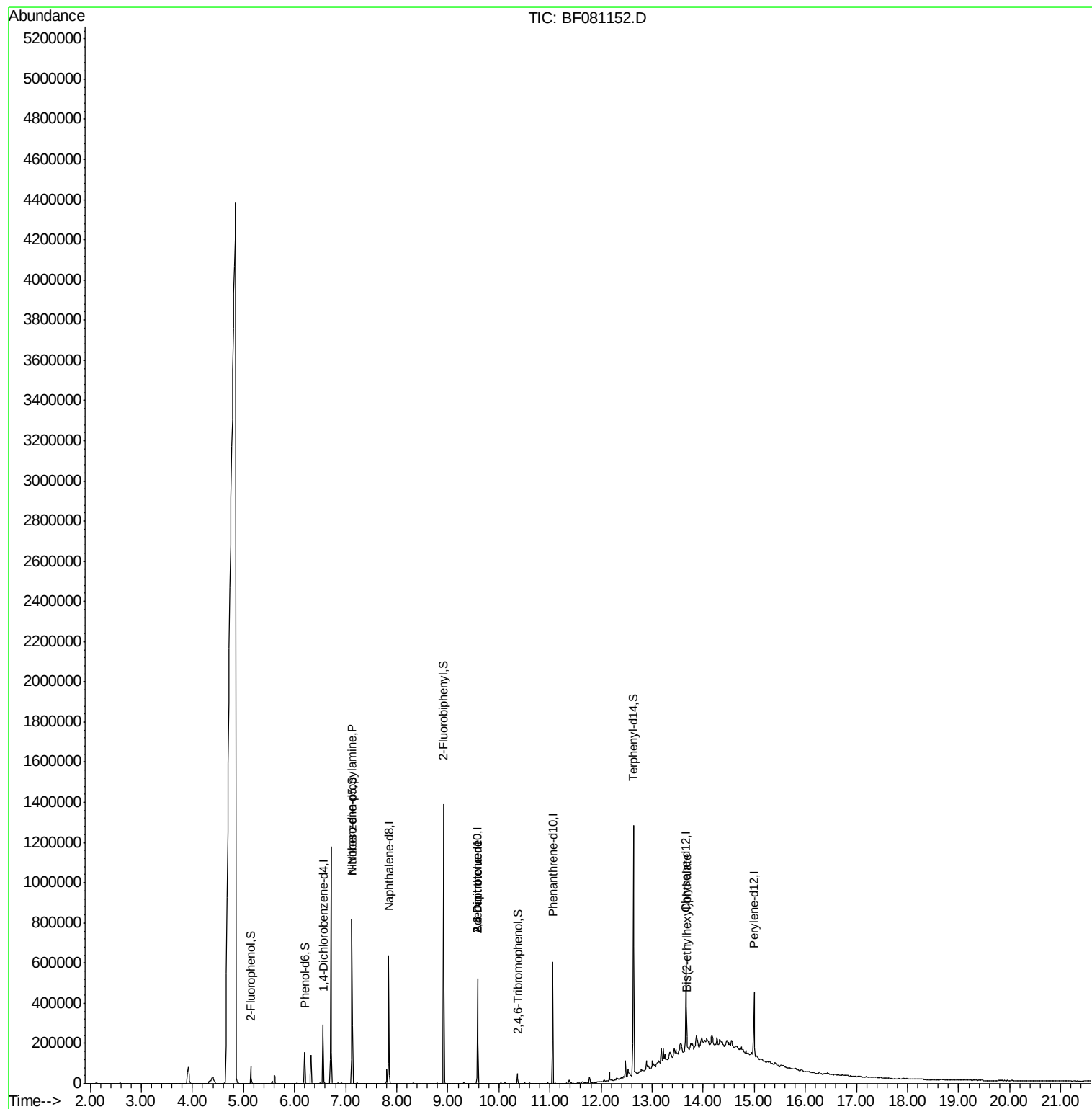
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	57006	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	251082	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	107788	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	233026	20.00	ng	0.00
75) Chrysene-d12	13.66	240	149333	20.00	ng	-0.01
86) Perylene-d12	15.00	264	120773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	22602	5.96	ng	0.03
7) Phenol-d6	6.20	99	47005	9.51	ng	-0.01
23) Nitrobenzene-d5	7.12	82	281601	51.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	5345	5.72	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	490553	59.63	ng	-0.01
78) Terphenyl-d14	12.63	244	444196	63.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	37703	11.01	ng	# 71
50) 2,6-Dinitrotoluene	9.58	165	13668	7.17	ng	# 20
56) 2,4-Dinitrotoluene	9.58	165	13668	5.41	ng	# 16
83) Bis(2-ethylhexyl)phthalate	13.68	149	16524	2.47	ng	96

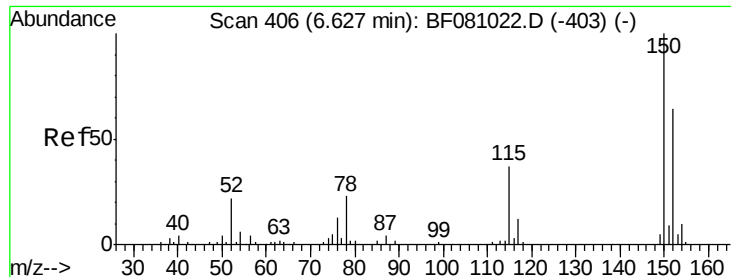
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 23:26:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF081152.D

Acq: 21 Aug 2015 18:42

Instrument :

BNA_F

ClientSampled :

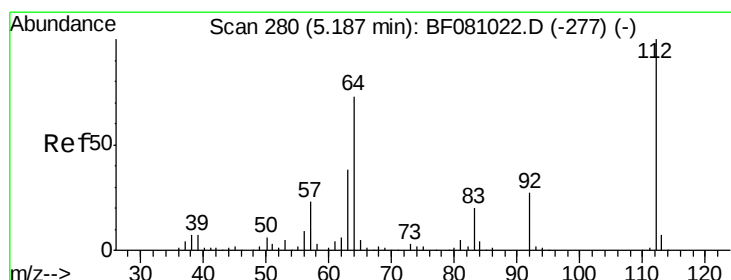
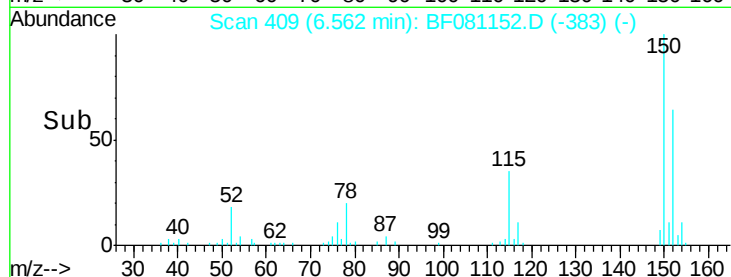
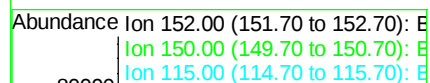
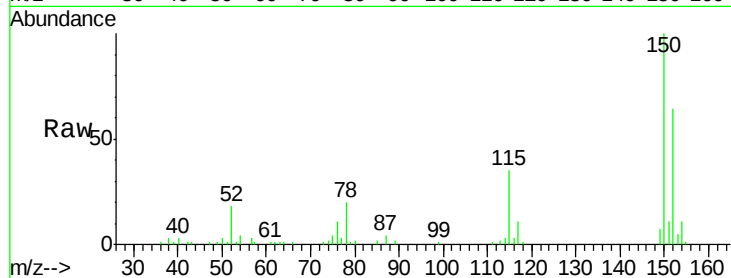
Tot Ion:152 Resp: 57006

Ion Ratio Lower Upper

152 100

150 156.0 123.8 185.6

115 54.7 52.1 78.1



#5

2-Fluorophenol

Concen: 5.96 ng

RT: 5.14 min Scan# 285

Delta R.T. 0.03 min

Lab File: BF081152.D

Acq: 21 Aug 2015 18:42

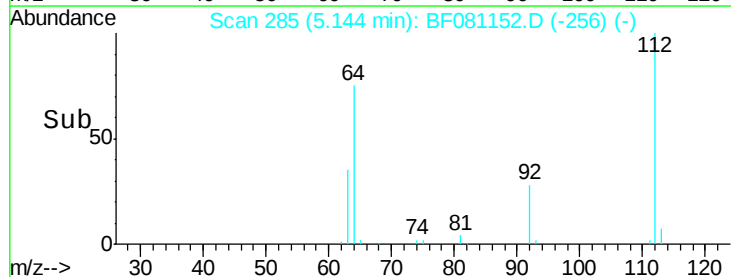
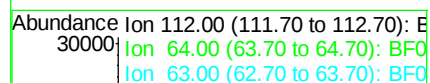
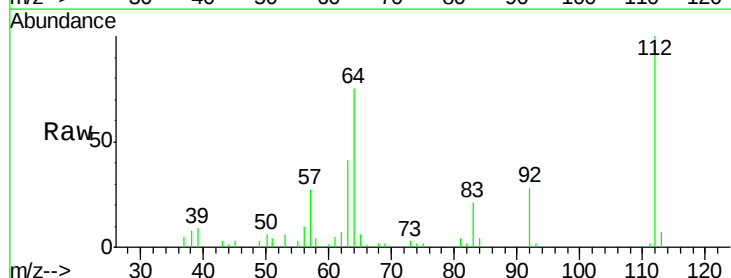
Tgt Ion:112 Resp: 22602

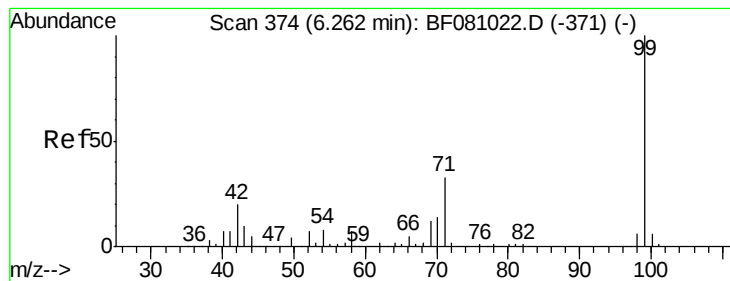
Ion Ratio Lower Upper

112 100

64 74.8 66.9 100.3

63 40.6 38.1 57.1





#7

Phenol-d6

Concen: 9.51 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF081152.D

Acq: 21 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

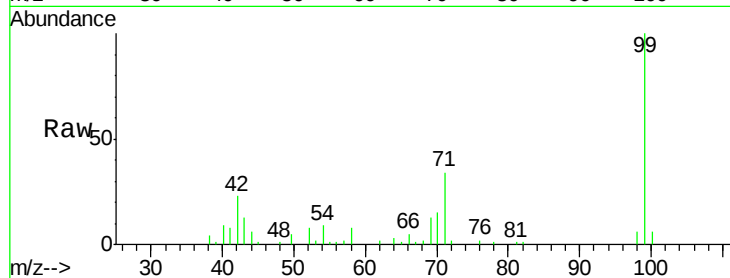
Tot Ion: 99 Resp: 47005

Ion Ratio Lower Upper

99 100

42 22.5 19.6 29.4

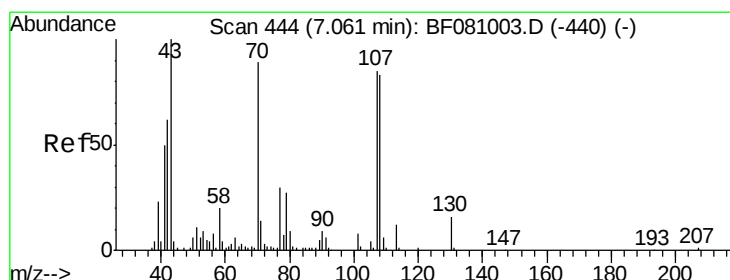
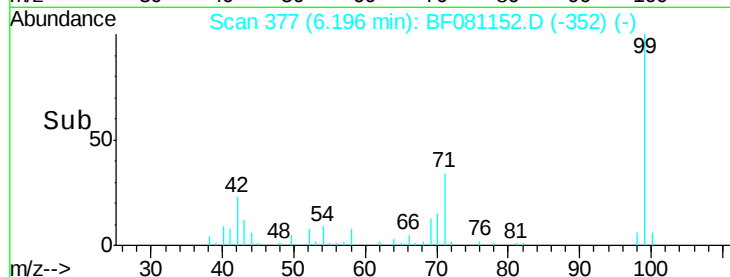
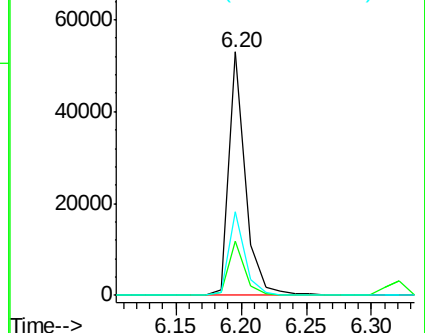
71 34.3 31.2 46.8



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: 11.01 ng

RT: 7.12 min Scan# 458

Delta R.T. 0.13 min

Lab File: BF081152.D

Acq: 21 Aug 2015 18:42

Tgt Ion: 70 Resp: 37703

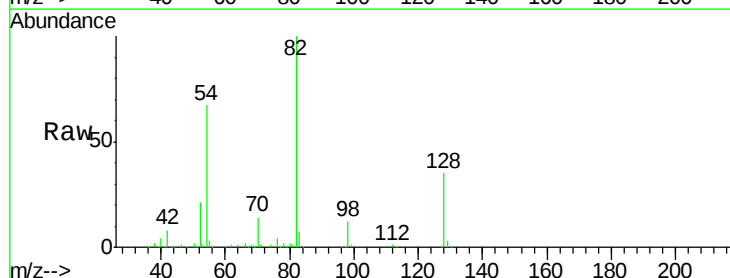
Ion Ratio Lower Upper

70 100

42 55.5 65.0 97.4#

101 0.0 7.4 11.2#

130 1.6 13.0 19.4#

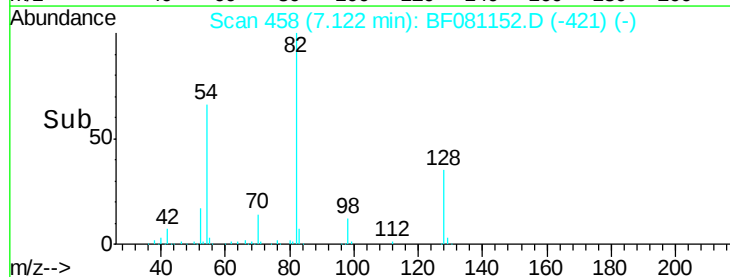
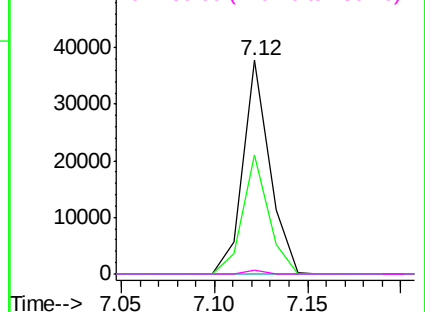


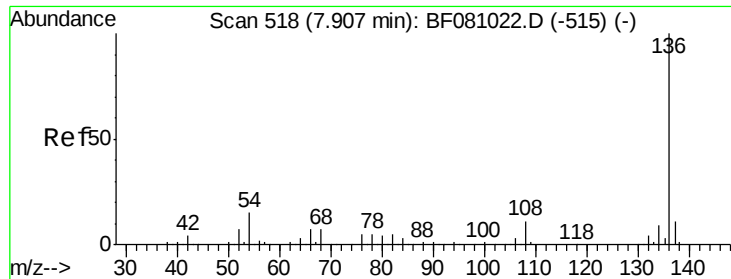
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

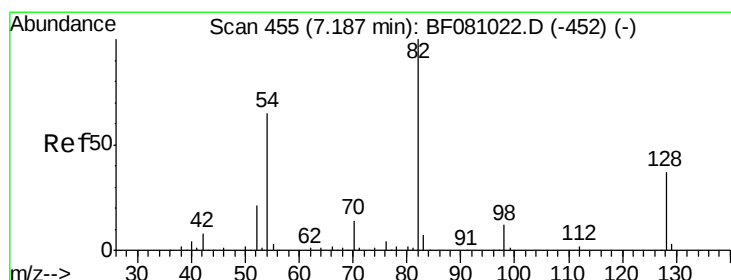
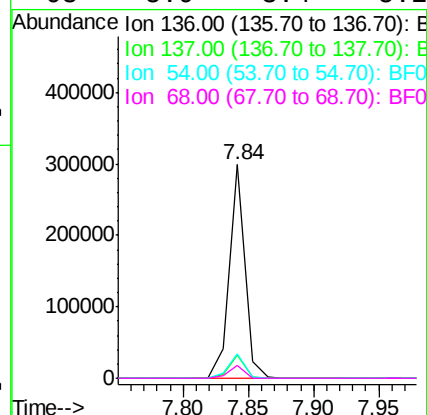
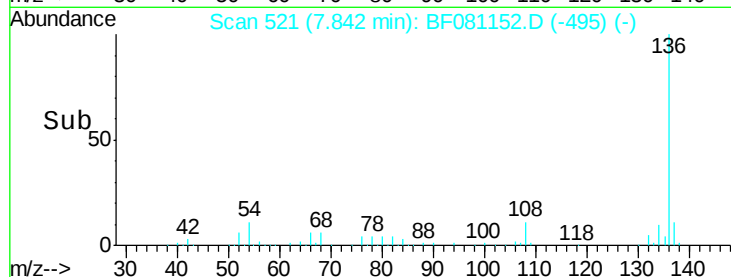
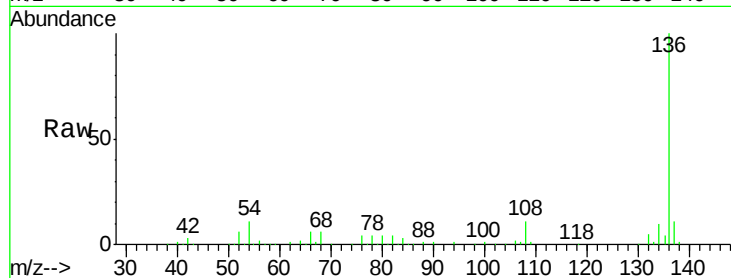




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF081152.D
Acq: 21 Aug 2015 18:42

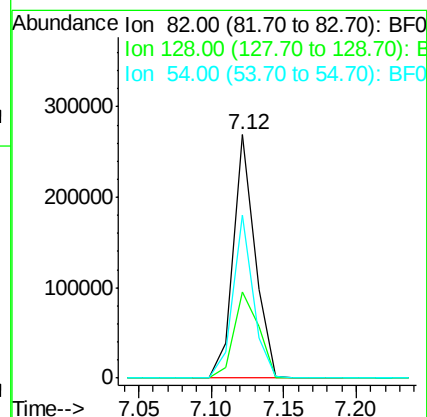
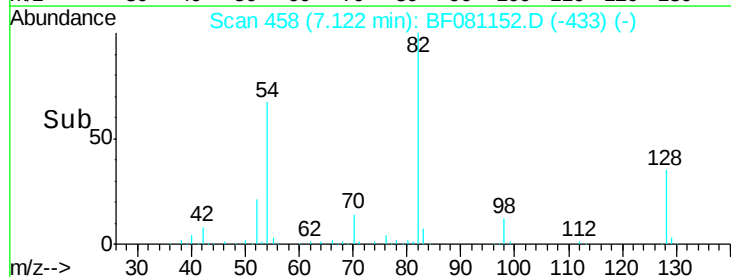
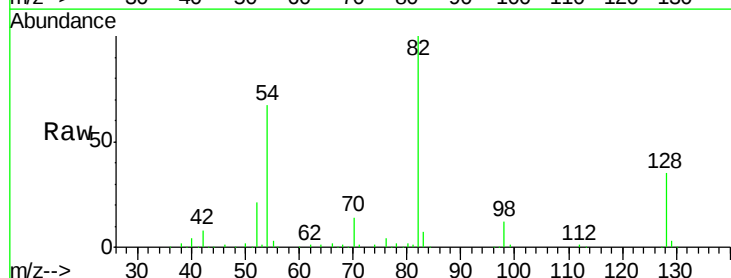
Instrument :
BNA_F
ClientSampled :

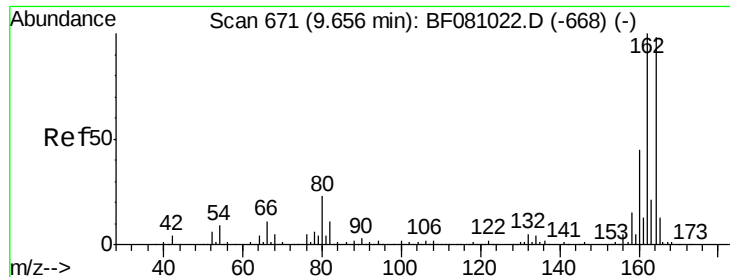
Tot Ion:	136	Resp:	251082
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	11.2	7.7	11.5
68	5.9	3.4	5.2



#23
Nitrobenzene-d5
Concen: 51.23 ng
RT: 7.12 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF081152.D
Acq: 21 Aug 2015 18:42

Tgt Ion:	82	Resp:	281601
Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.6	42.8
54	66.9	55.1	82.7

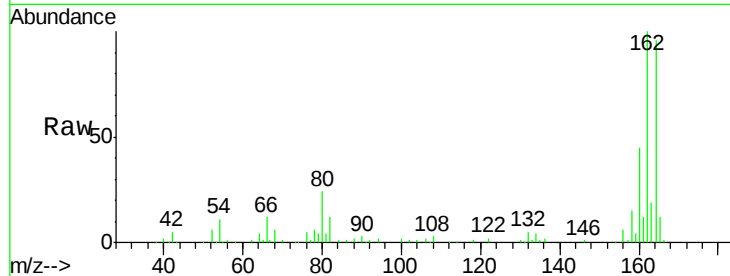




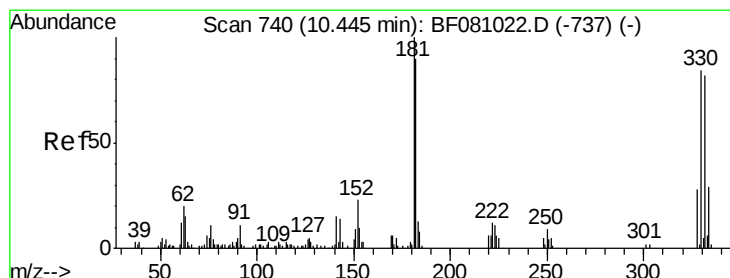
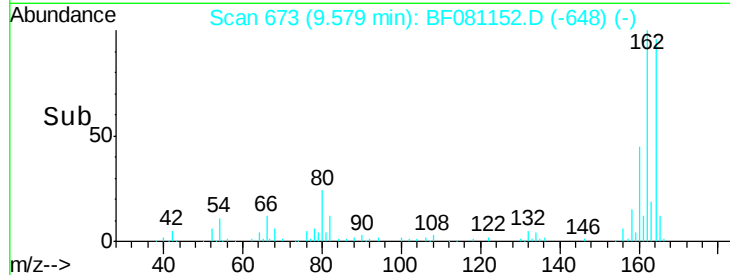
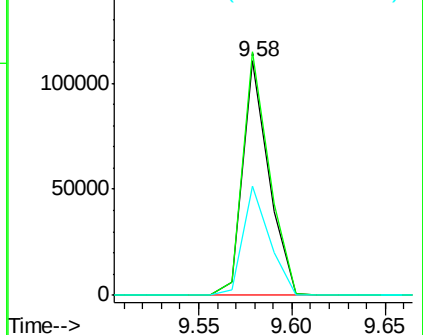
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF081152.D
Acq: 21 Aug 2015 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 107788
Ion Ratio Lower Upper
164 100
162 103.8 83.8 125.8
160 46.4 39.8 59.8

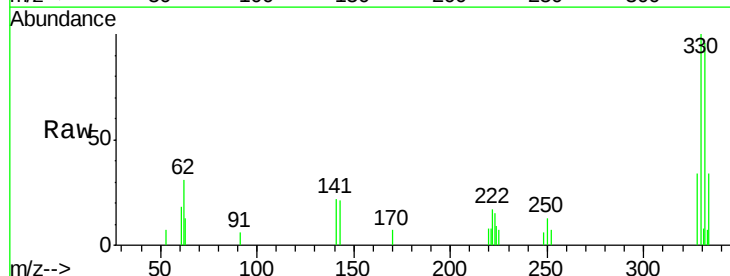


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

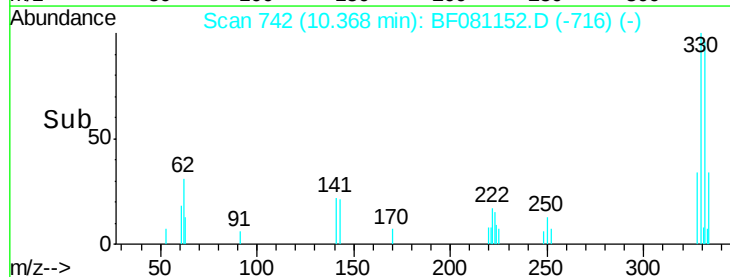
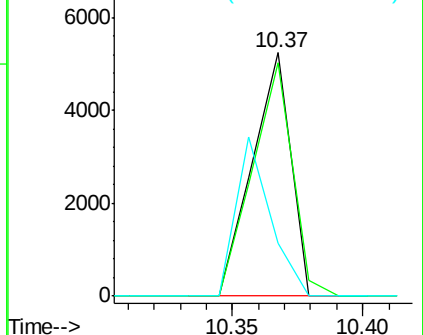


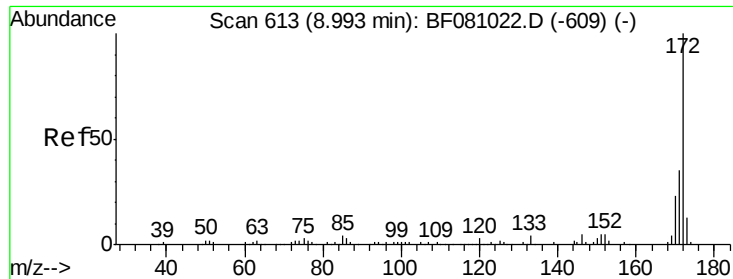
#41
2,4,6-Tribromophenol
Concen: 5.72 ng
RT: 10.37 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF081152.D
Acq: 21 Aug 2015 18:42

Tgt Ion:330 Resp: 5345
Ion Ratio Lower Upper
330 100
332 99.6 77.3 115.9
141 58.7 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

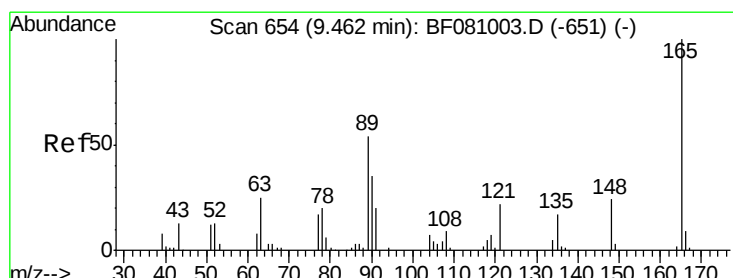
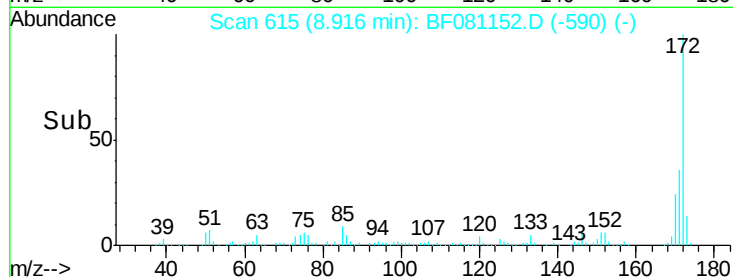
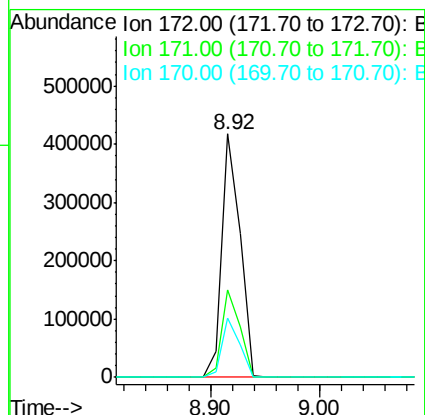
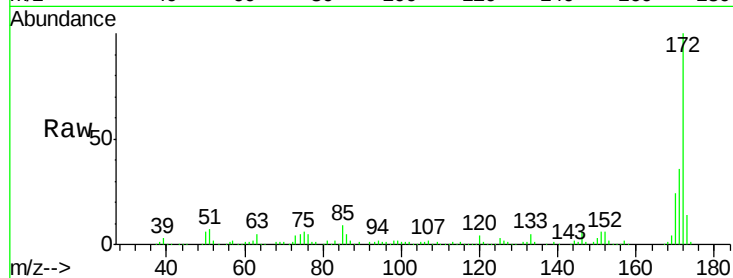




#44
 2-Fluorobiphenyl
 Concen: 59.63 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF081152.D
 Acq: 21 Aug 2015 18:42

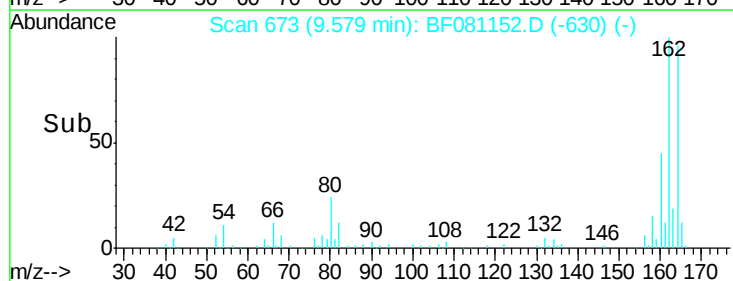
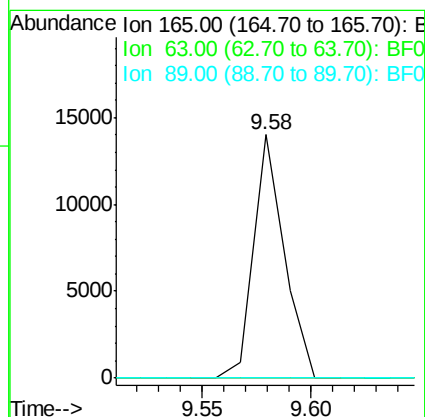
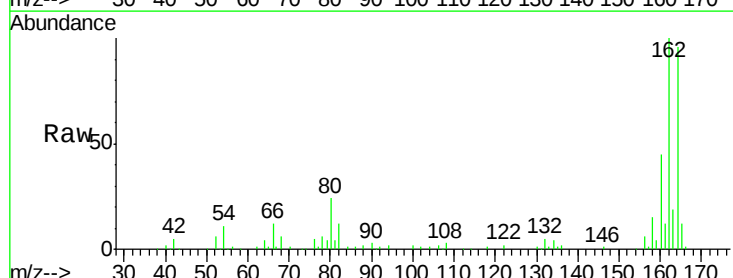
Instrument :
 BNA_F
 ClientSampleId :

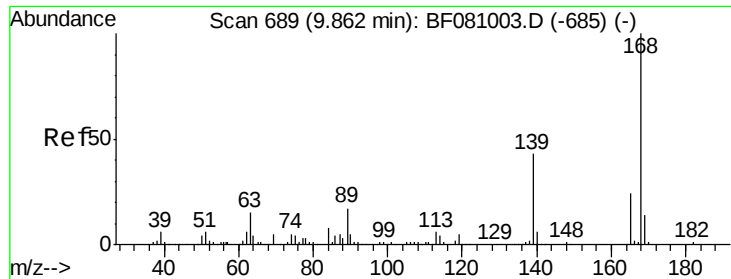
Tot Ion:172 Resp: 490553
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.3 19.4 29.2



#50
 2,6-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.58 min Scan# 673
 Delta R.T. 0.19 min
 Lab File: BF081152.D
 Acq: 21 Aug 2015 18:42

Tgt Ion:165 Resp: 13668
 Ion Ratio Lower Upper
 165 100
 63 0.0 49.5 74.3#
 89 0.0 47.6 71.4#

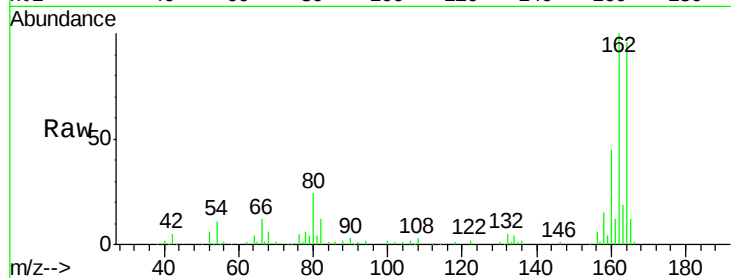




#56
 2,4-Dinitrotoluene
 Concen: 5.41 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.21 min
 Lab File: BF081152.D
 Acq: 21 Aug 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

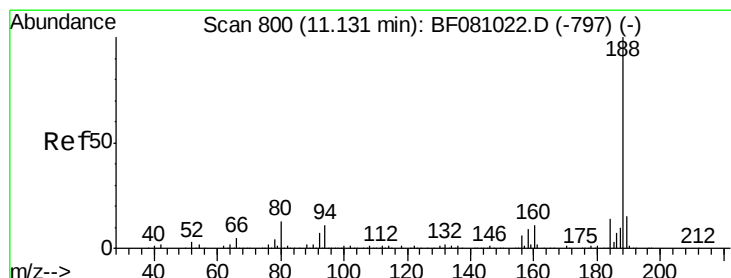
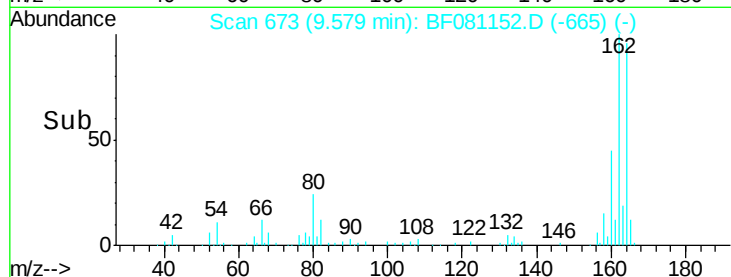
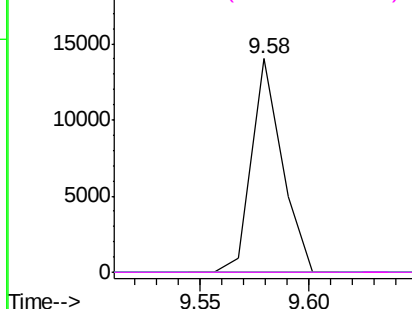


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

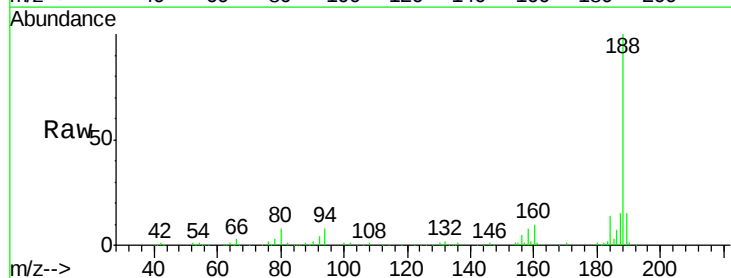
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF081152.D
 Acq: 21 Aug 2015 18:42

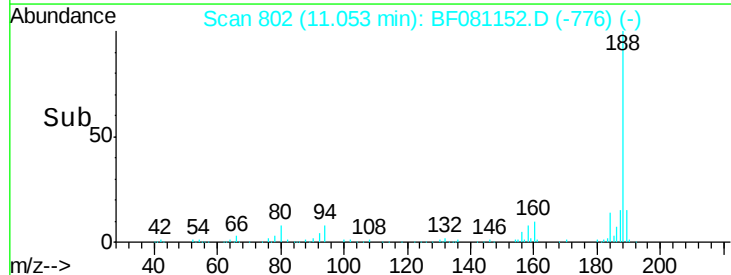
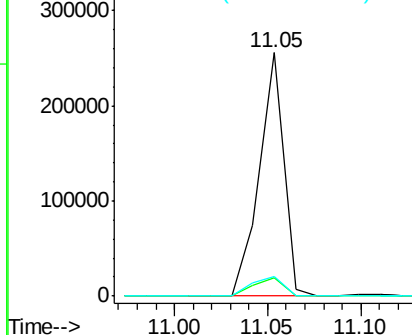
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.2#
80	8.1	9.5	14.3#

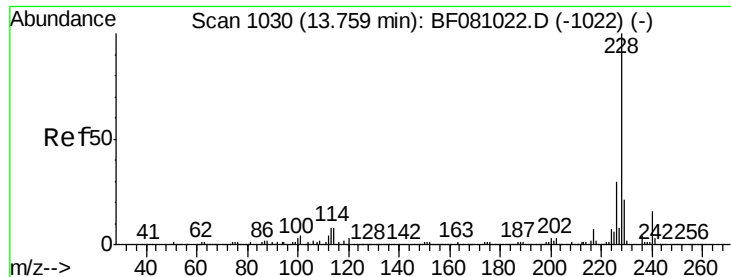


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF081152.D

Acq: 21 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

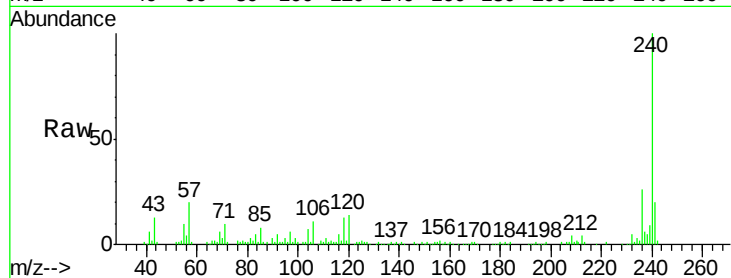
Tot Ion:240 Resp: 149333

Ion Ratio Lower Upper

240 100

120 14.4 5.6 8.4#

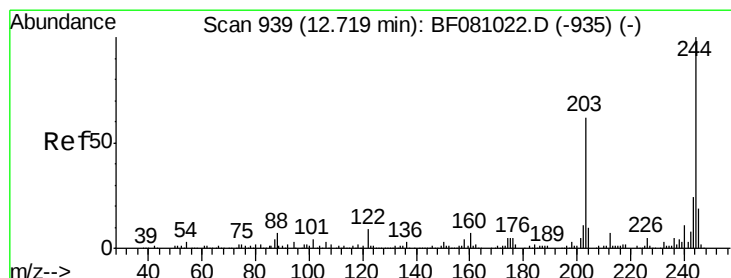
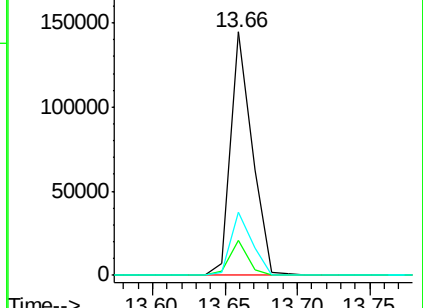
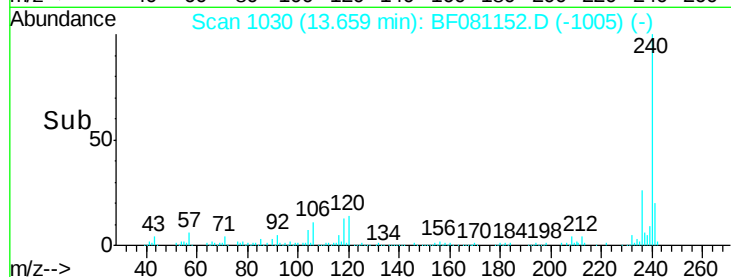
236 26.0 20.6 30.8



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: 63.77 ng

RT: 12.63 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF081152.D

Acq: 21 Aug 2015 18:42

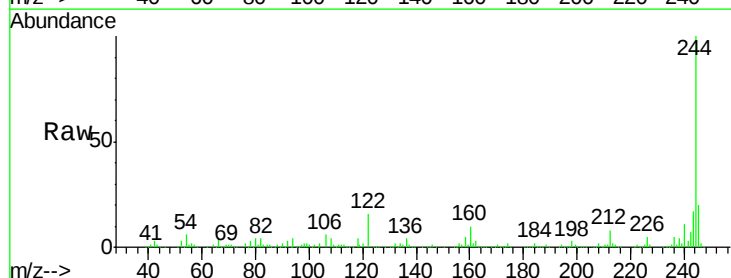
Tgt Ion:244 Resp: 444196

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

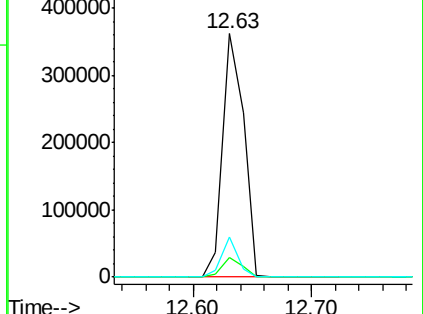
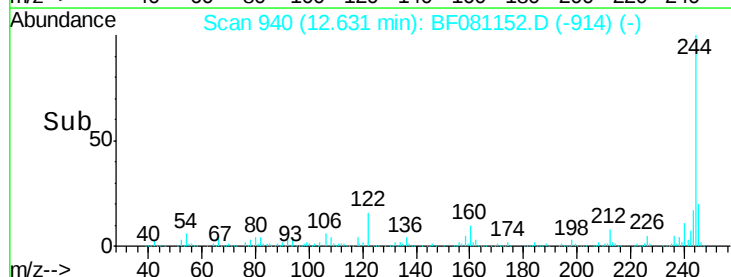
122 16.3 8.2 12.4#

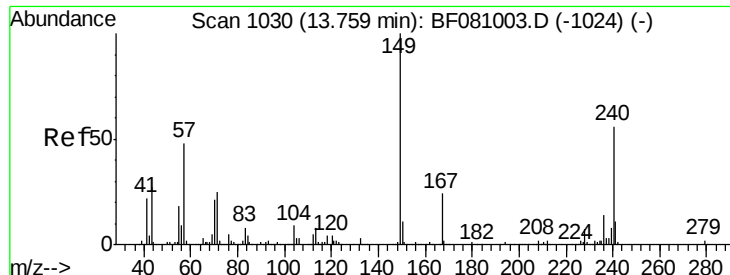


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

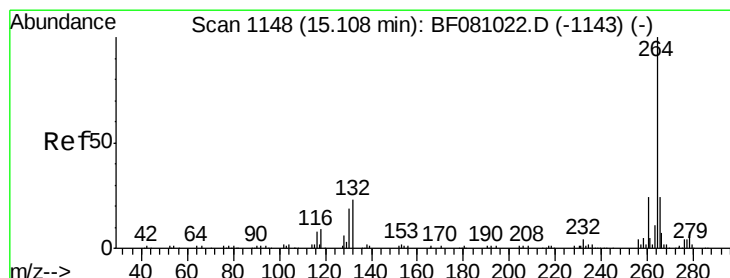
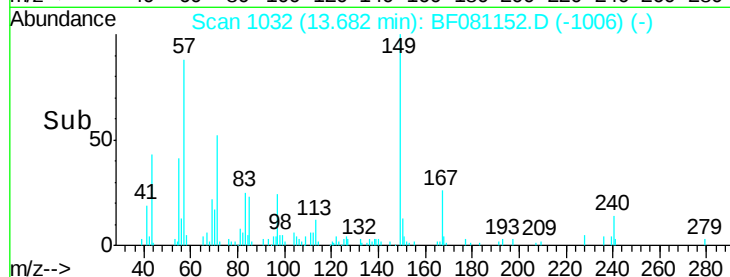
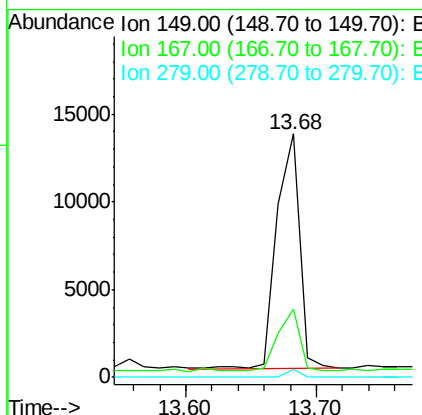
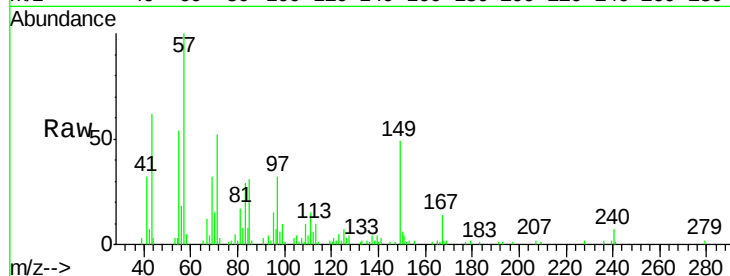




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.47 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081152.D
 Acq: 21 Aug 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 16524
 Ion Ratio Lower Upper
 149 100
 167 27.9 20.7 31.1
 279 3.3 2.2 3.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF081152.D
 Acq: 21 Aug 2015 18:42

Tgt Ion:264 Resp: 120773
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 21.9 17.5 26.3

