

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081184.D
 Acq On : 24 Aug 2015 23:37
 Operator : UM/IZ
 Sample : G3386-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF002-01

Quant Time: Aug 25 00:03:02 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 23:49:48 2015
 Response via : Initial Calibration

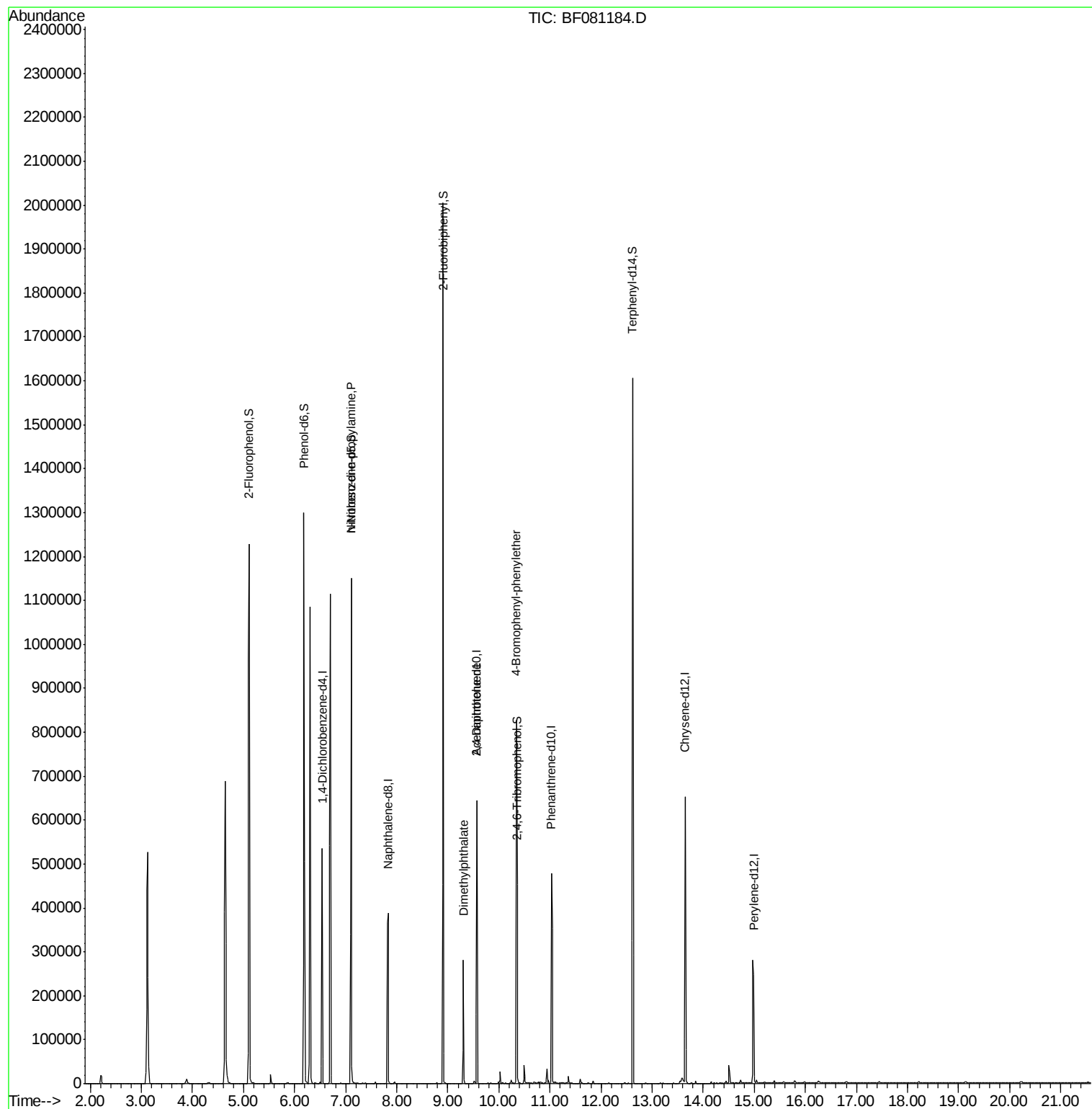
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	67553	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	254636	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	123509	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	234822	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	204573	20.00	ng	-0.01
86) Perylene-d12	14.99	264	146062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	416112	92.65	ng	0.01
7) Phenol-d6	6.18	99	503023	85.84	ng	-0.01
23) Nitrobenzene-d5	7.11	82	359125	64.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	98473	91.98	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	564031	59.84	ng	0.00
78) Terphenyl-d14	12.62	244	481638	50.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.11	70	47983	11.82	ng	# 68
49) Dimethylphthalate	9.30	163	110903	10.90	ng	100
56) 2,4-Dinitrotoluene	9.57	165	15575	5.38	ng	# 17
66) 4-Bromophenyl-phenylether	10.34	248	6809	2.95	ng	# 1

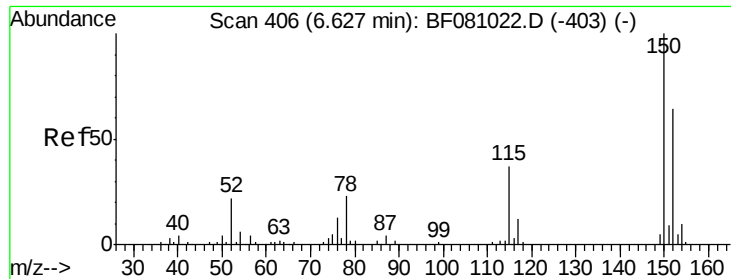
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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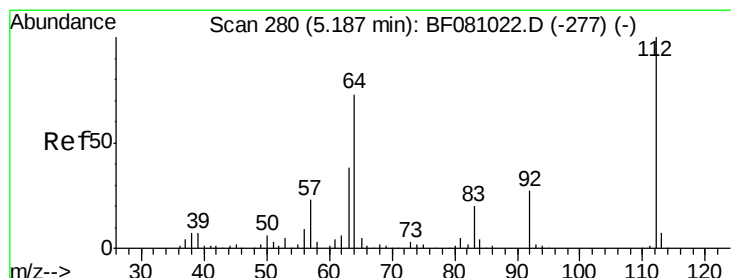
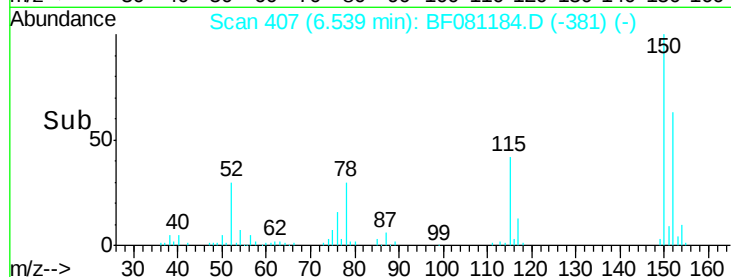
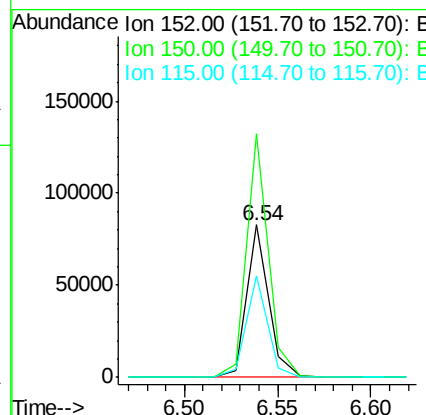
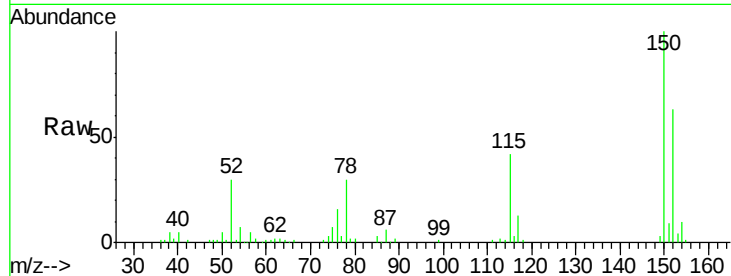




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF081184.D
 Acq: 24 Aug 2015 23:37

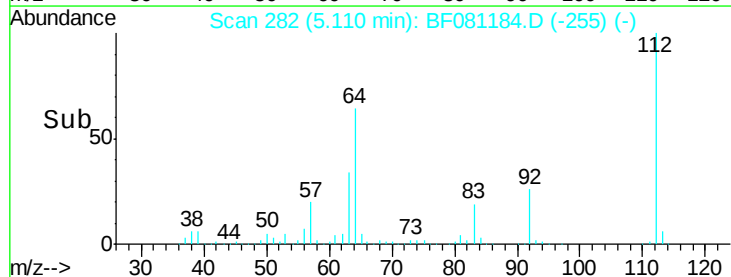
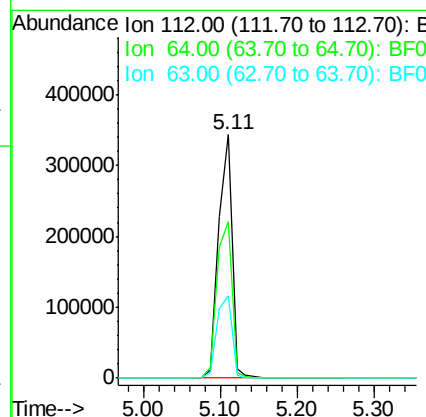
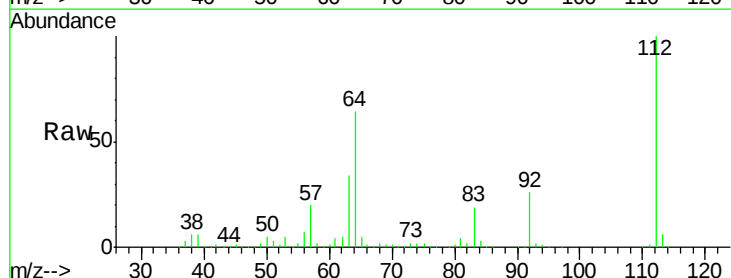
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF002-01

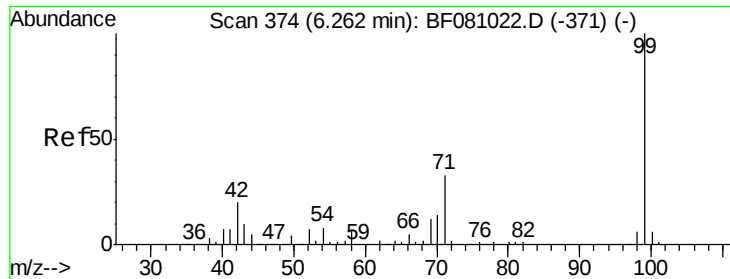
Tgt Ion:152 Resp: 67553
 Ion Ratio Lower Upper
 152 100
 150 159.5 123.8 185.6
 115 66.6 52.1 78.1



#5
 2-Fluorophenol
 Concen: 92.65 ng
 RT: 5.11 min Scan# 282
 Delta R.T. 0.01 min
 Lab File: BF081184.D
 Acq: 24 Aug 2015 23:37

Tgt Ion:112 Resp: 416112
 Ion Ratio Lower Upper
 112 100
 64 64.1 66.9 100.3#
 63 34.0 38.1 57.1#





#7

Phenol-d6

Concen: 85.84 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081184.D

Acq: 24 Aug 2015 23:37

Instrument :

BNA_F

ClientSampleId :

P001-BF002-01

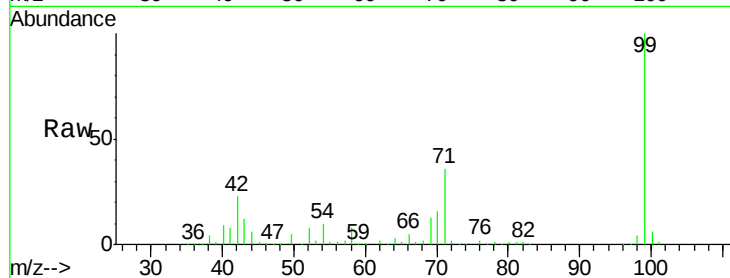
Tgt Ion: 99 Resp: 503023

Ion Ratio Lower Upper

99 100

42 23.2 19.6 29.4

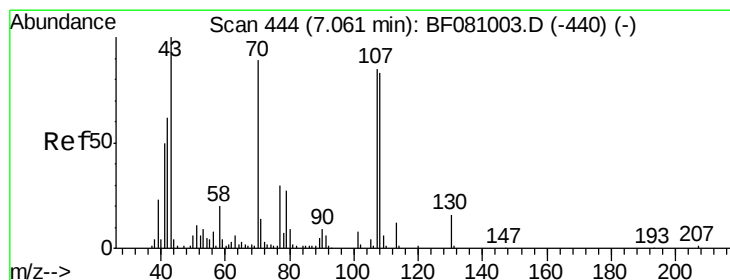
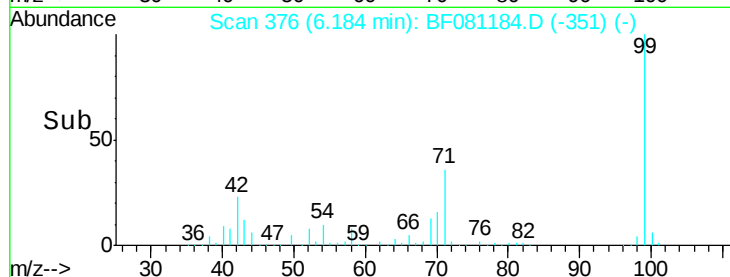
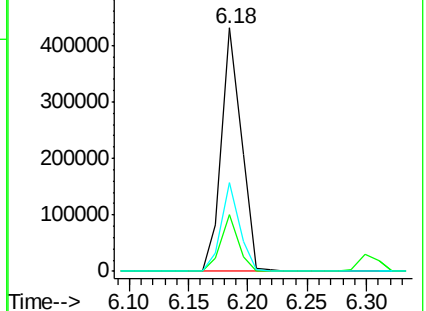
71 36.3 31.2 46.8



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: 11.82 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.14 min

Lab File: BF081184.D

Acq: 24 Aug 2015 23:37

Tgt Ion: 70 Resp: 47983

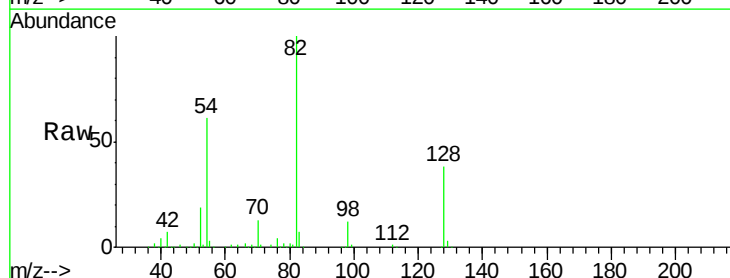
Ion Ratio Lower Upper

70 100

42 52.4 65.0 97.4#

101 0.0 7.4 11.2#

130 1.8 13.0 19.4#

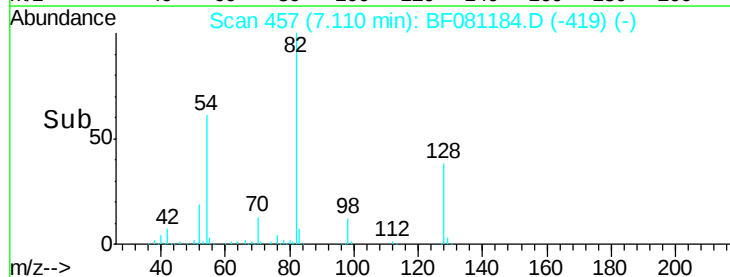
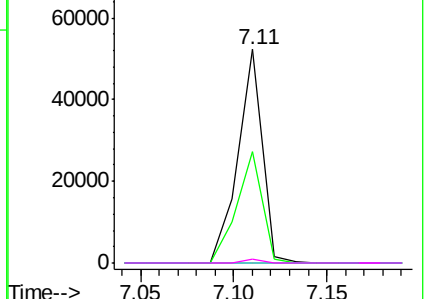


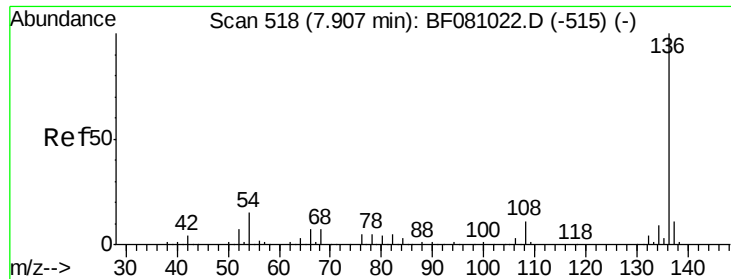
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

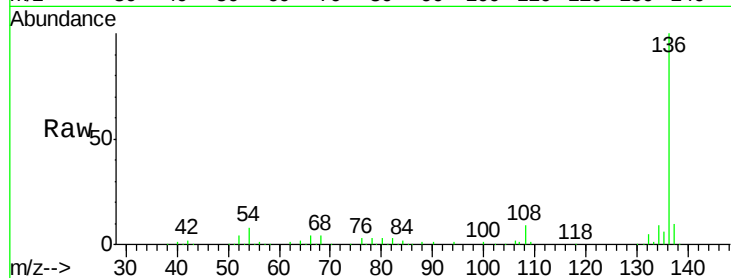




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081184.D
Acq: 24 Aug 2015 23:37

Instrument :
BNA_F
ClientSampleId :
P001-BF002-01

Tgt Ion	Resp	Lower	Upper
136	254636		
137	10.5	8.2	12.2
54	7.5	7.7	11.5#
68	4.3	3.4	5.2



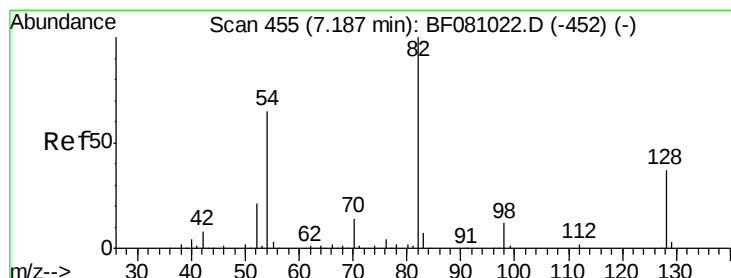
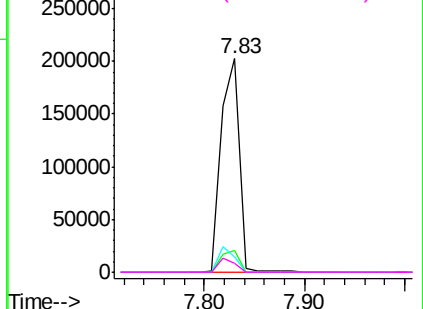
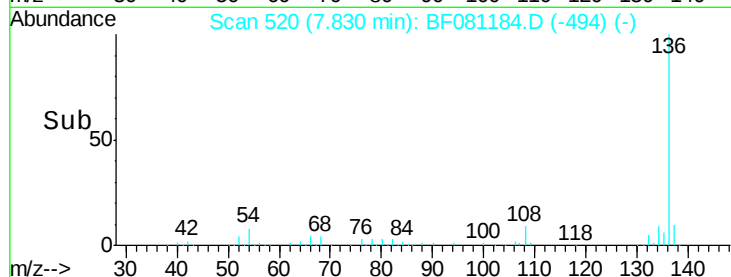
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

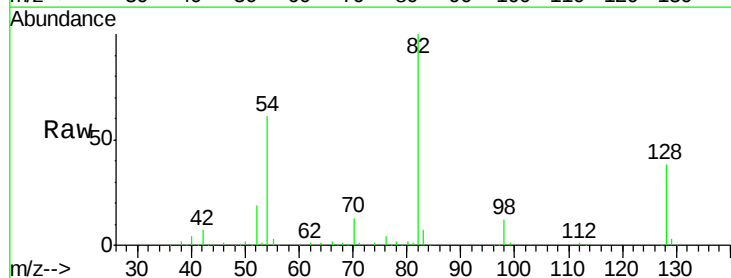
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 64.43 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081184.D
Acq: 24 Aug 2015 23:37

Tgt Ion	Resp	Lower	Upper
82	359125		
128	38.1	28.6	42.8
54	61.3	55.1	82.7

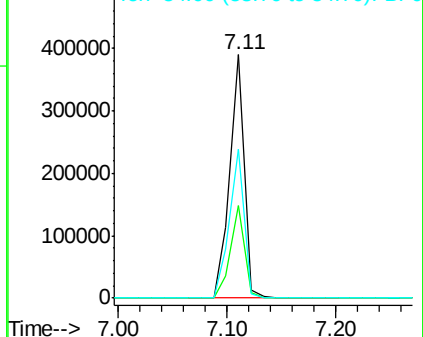
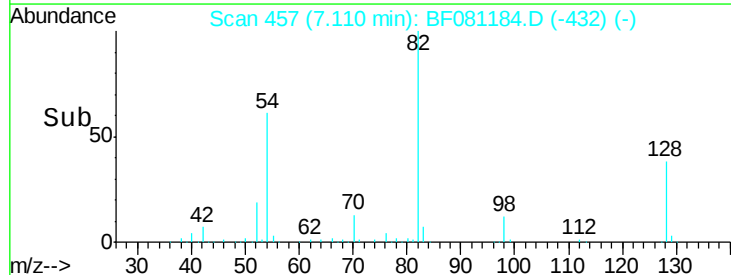


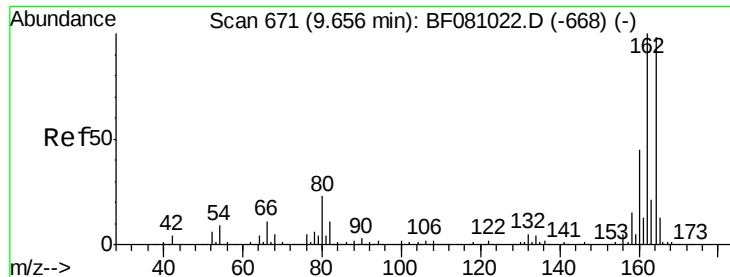
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

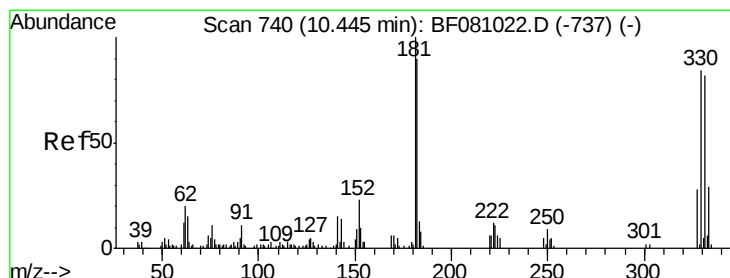
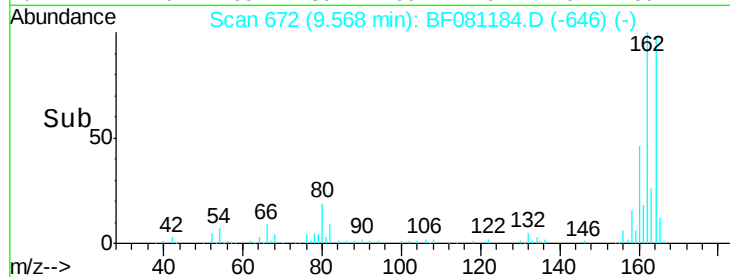
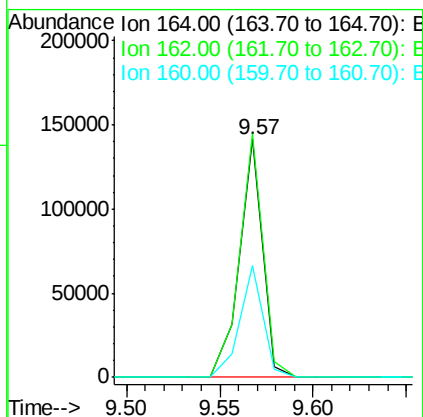
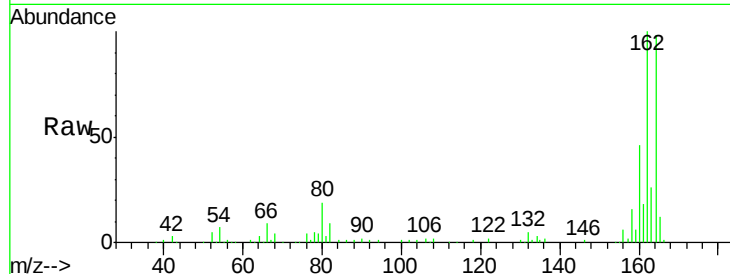




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF081184.D
 Acq: 24 Aug 2015 23:37

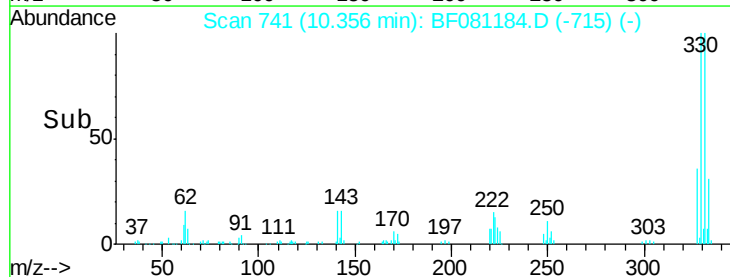
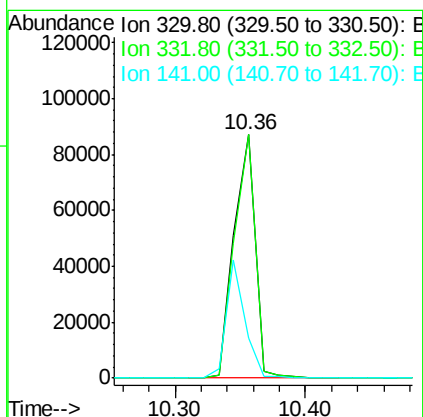
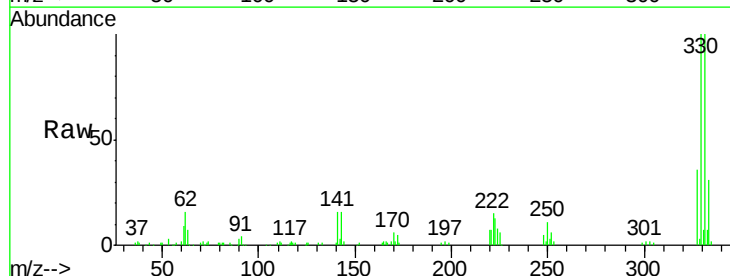
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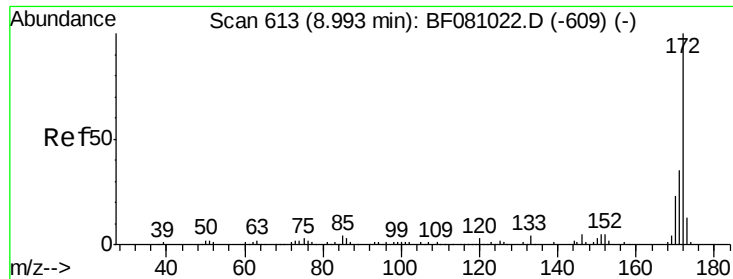
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.8	125.8
160	47.0	39.8	59.8



#41
 2,4,6-Tribromophenol
 Concen: 91.98 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF081184.D
 Acq: 24 Aug 2015 23:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	42.3	44.9	67.3

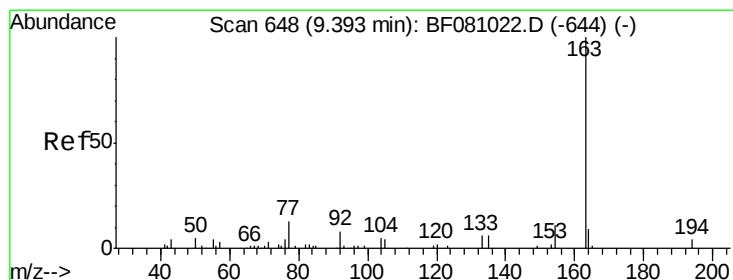
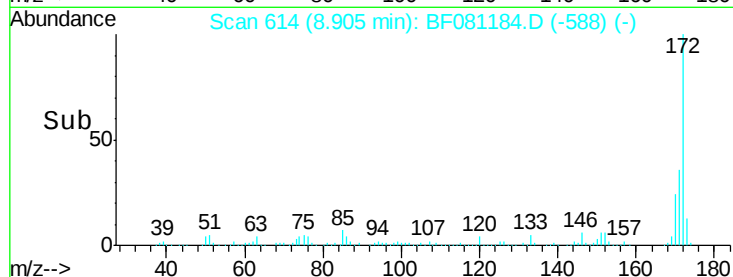
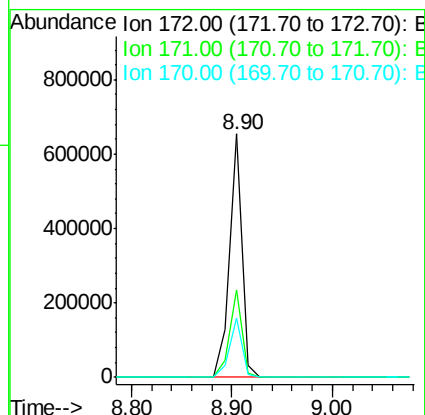
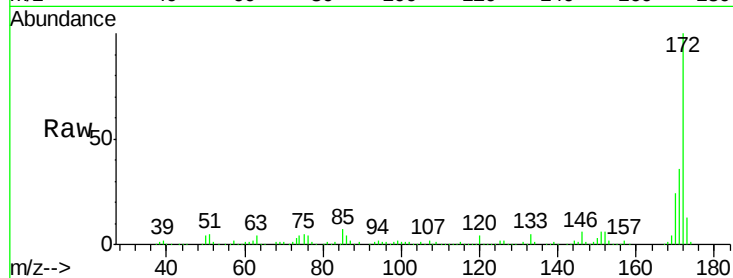




#44
2-Fluorobiphenyl
Concen: 59.84 ng
RT: 8.90 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF081184.D
Acq: 24 Aug 2015 23:37

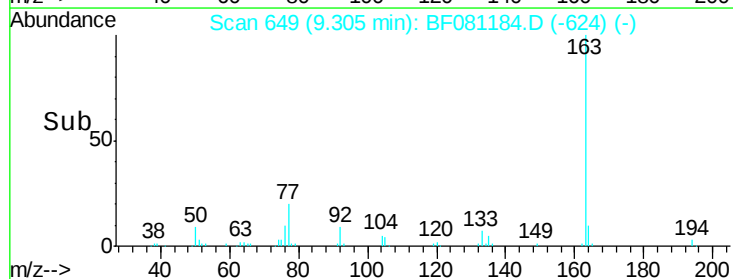
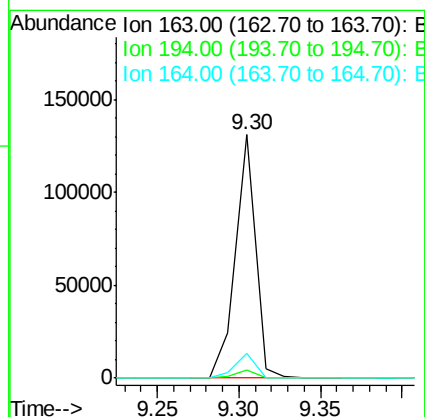
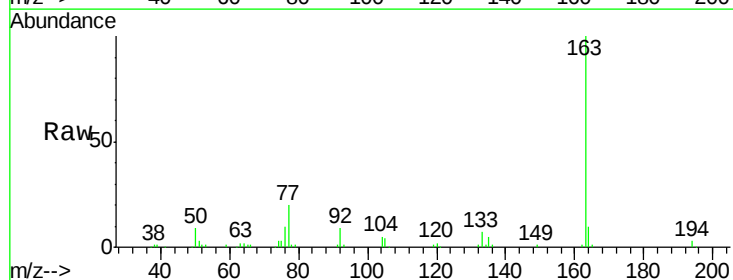
Instrument :
BNA_F
ClientSampleId :
P001-BF002-01

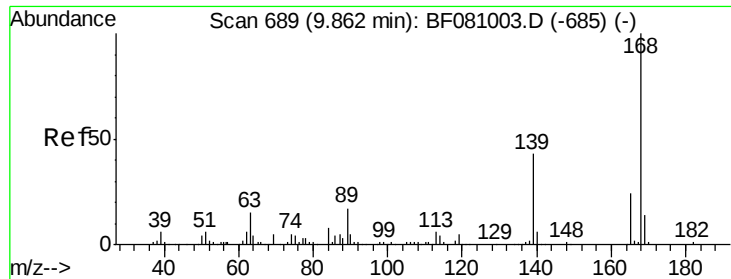
Tgt Ion:172 Resp: 564031
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 24.4 19.4 29.2



#49
Dimethylphthalate
Concen: 10.90 ng
RT: 9.30 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF081184.D
Acq: 24 Aug 2015 23:37

Tgt Ion:163 Resp: 110903
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 10.0 8.1 12.1

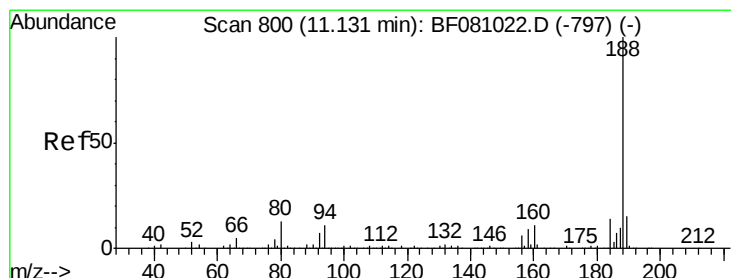
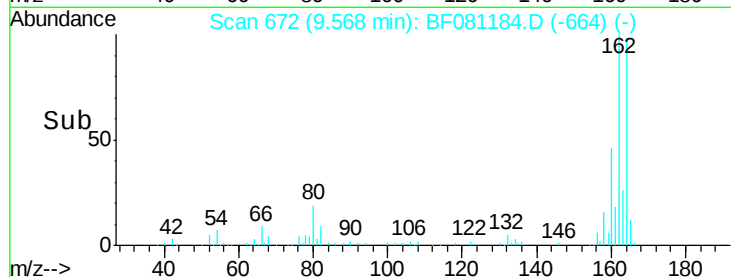
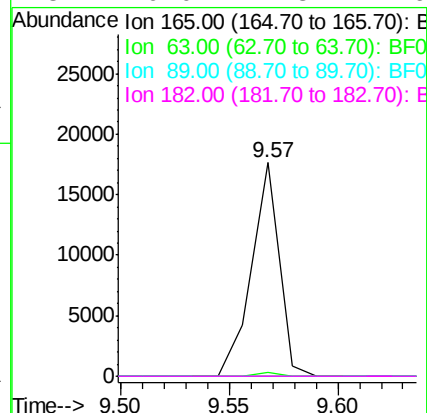
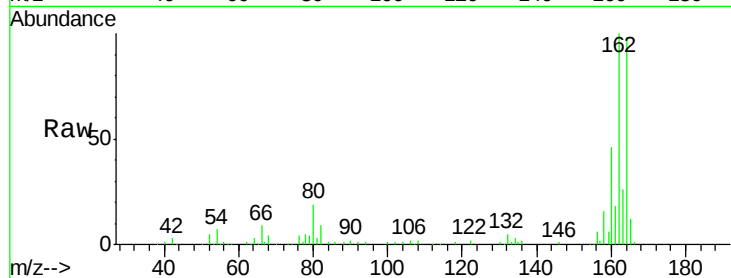




#56
 2,4-Dinitrotoluene
 Concen: 5.38 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF081184.D
 Acq: 24 Aug 2015 23:37

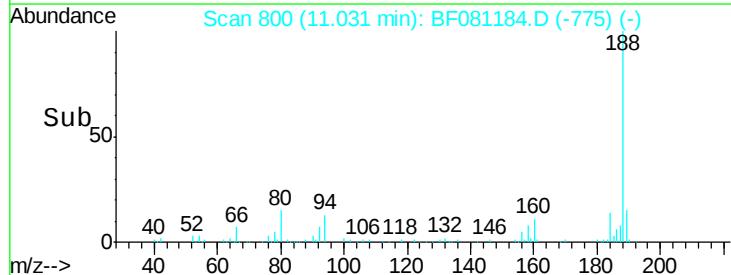
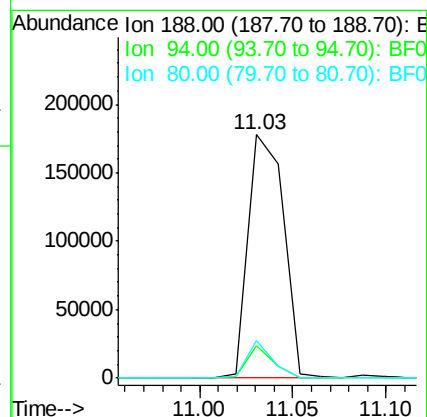
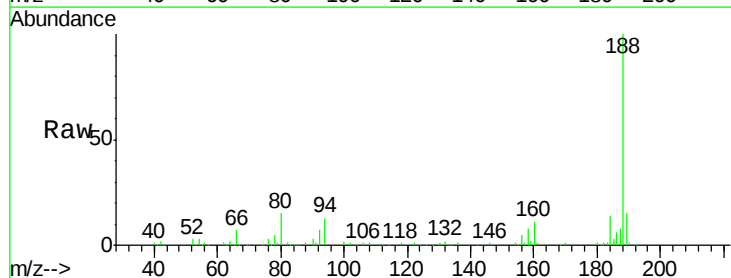
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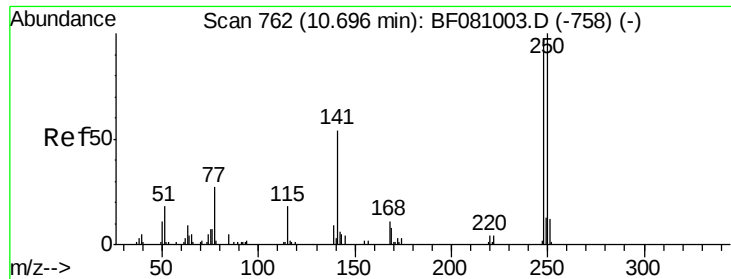
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF081184.D
 Acq: 24 Aug 2015 23:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.2	8.2	12.2#
80	15.5	9.5	14.3#

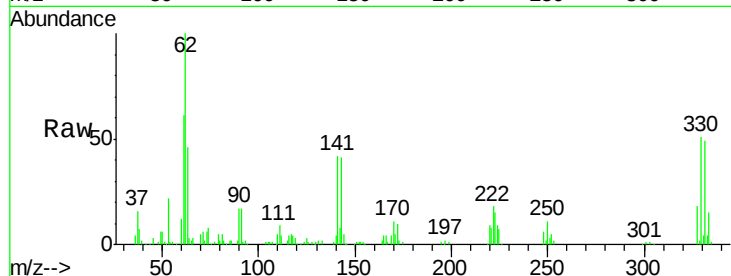




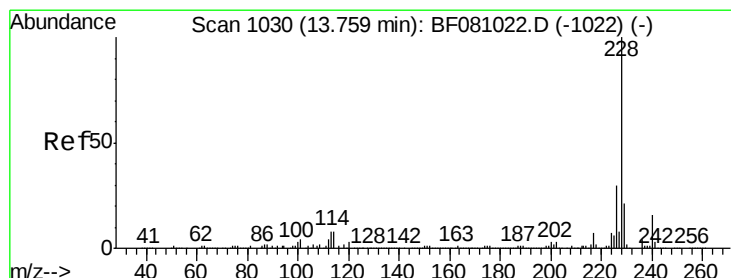
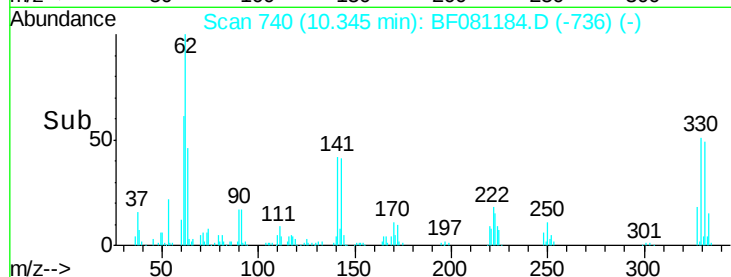
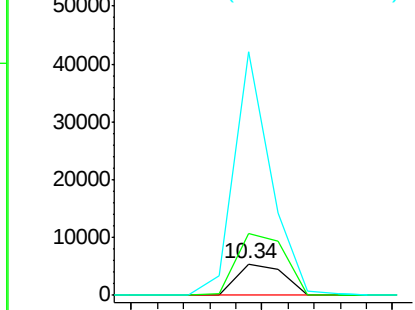
#66
 4-Bromophenyl-phenylether
 Concen: 2.95 ng
 RT: 10.34 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF081184.D
 Acq: 24 Aug 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF002-01

Tgt Ion:248 Resp: 6809
 Ion Ratio Lower Upper
 248 100
 250 195.3 77.8 116.6#
 141 771.3 39.8 59.6#

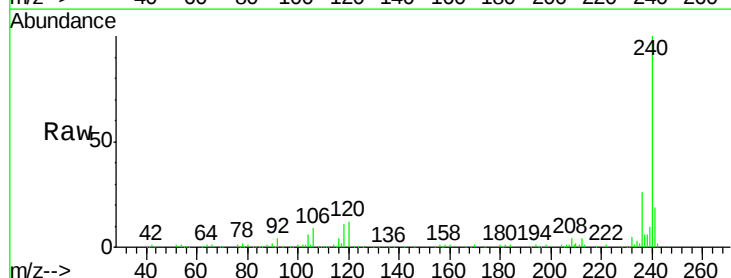


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

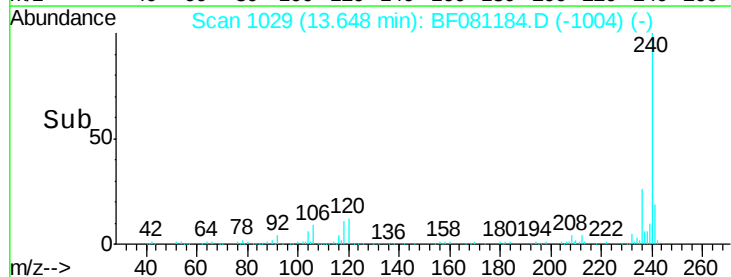
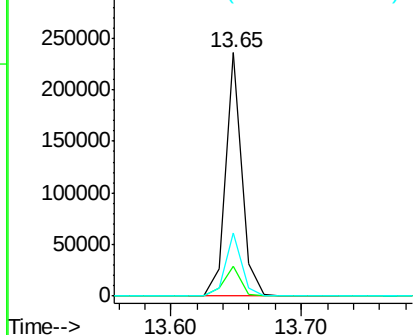


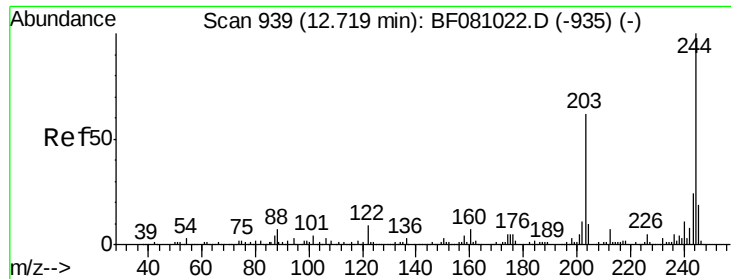
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.65 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF081184.D
 Acq: 24 Aug 2015 23:37

Tgt Ion:240 Resp: 204573
 Ion Ratio Lower Upper
 240 100
 120 12.5 5.6 8.4#
 236 26.1 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

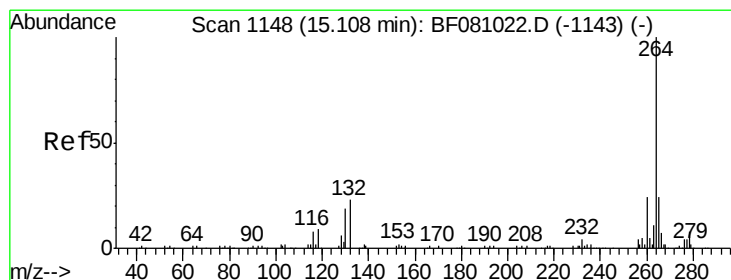
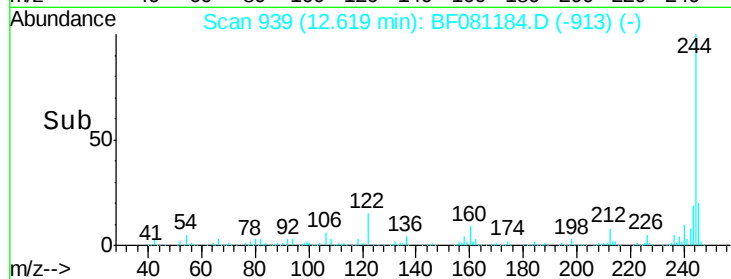
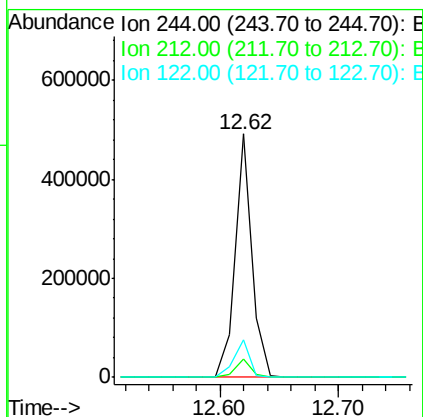
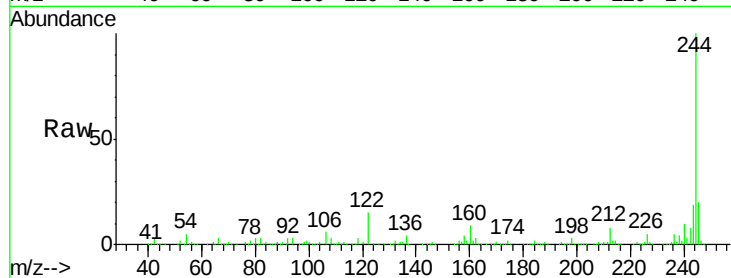




#78
 Terphenyl-d14
 Concen: 50.47 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF081184.D
 Acq: 24 Aug 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF002-01

Tgt Ion:244 Resp: 481638
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 15.5 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081184.D
 Acq: 24 Aug 2015 23:37

Tgt Ion:264 Resp: 146062
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 20.0 17.5 26.3

