

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081477.D
 Acq On : 5 Sep 2015 21:59
 Operator : UM/IZ
 Sample : G3555-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Sep 07 01:31:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

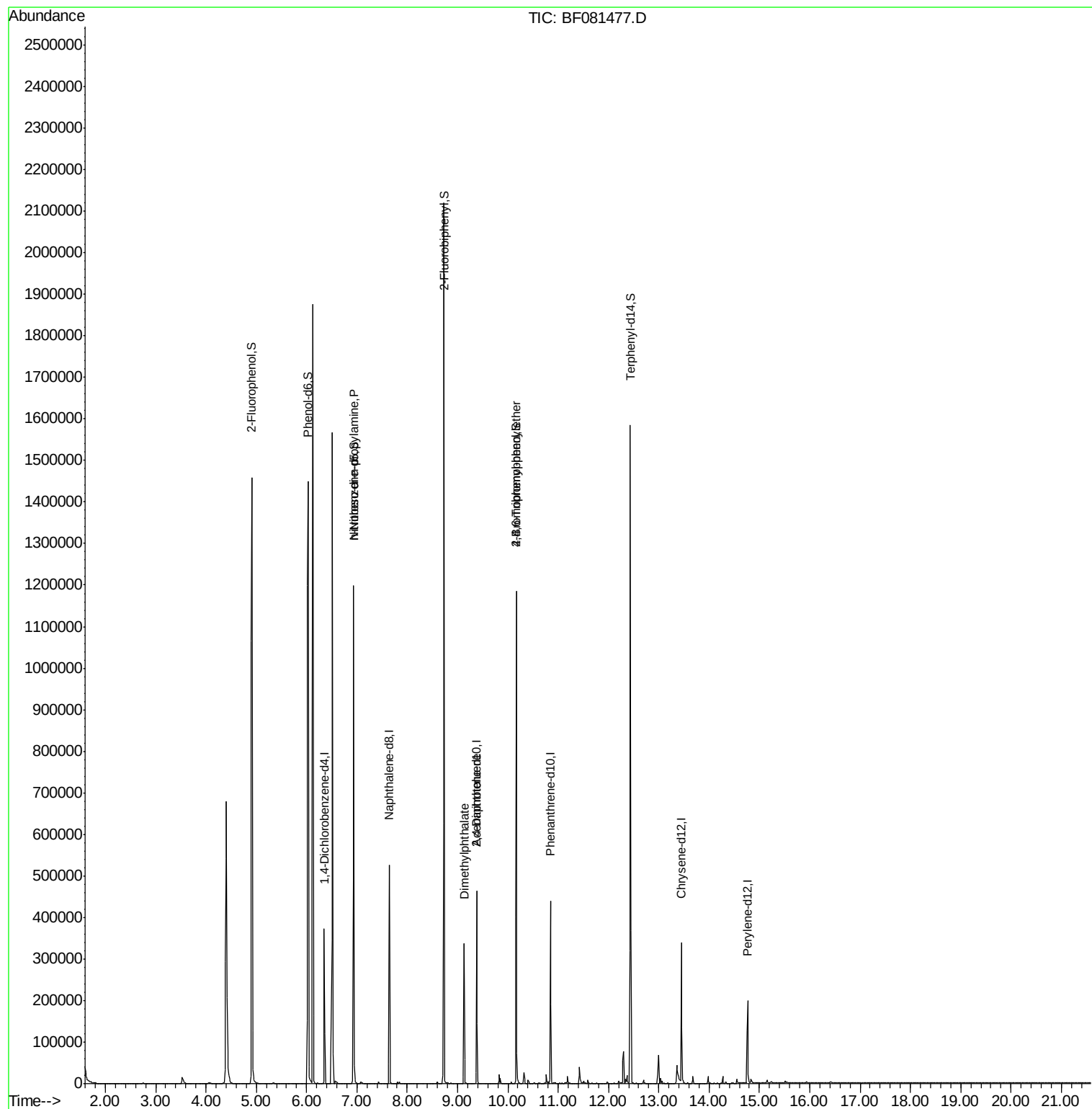
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	52817	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	207304	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	92032	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	180856	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	130988	20.00	ng	-0.05
86) Perylene-d12	14.77	264	94759	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	480615	141.18	ng	-0.01
7) Phenol-d6	6.03	99	678021	150.47	ng	-0.02
23) Nitrobenzene-d5	6.94	82	399058	92.87	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	109978	134.21	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	643470	89.60	ng	-0.03
78) Terphenyl-d14	12.43	244	508060	90.29	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	55471	18.09	ng	# 63
49) Dimethylphthalate	9.13	163	119411	16.70	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	11890	5.75	ng	# 33
66) 4-Bromophenyl-phenylether	10.17	248	8760	4.79	ng	# 1

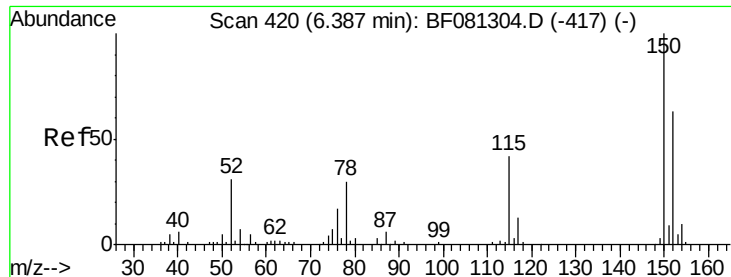
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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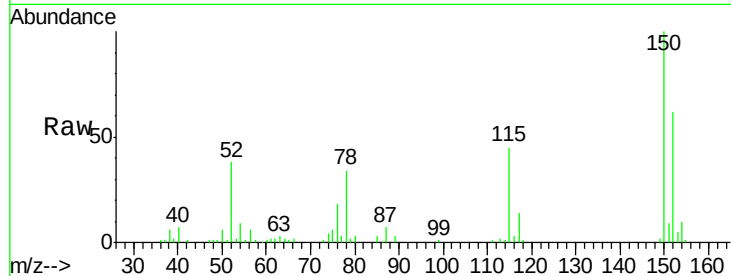


#1

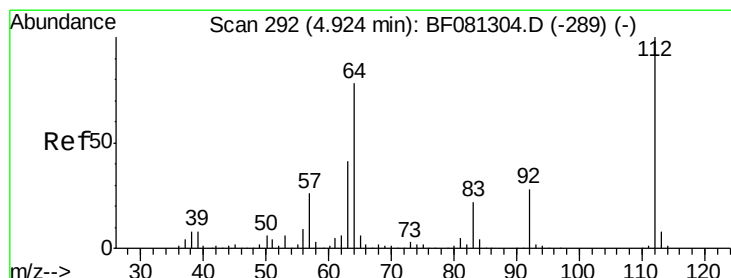
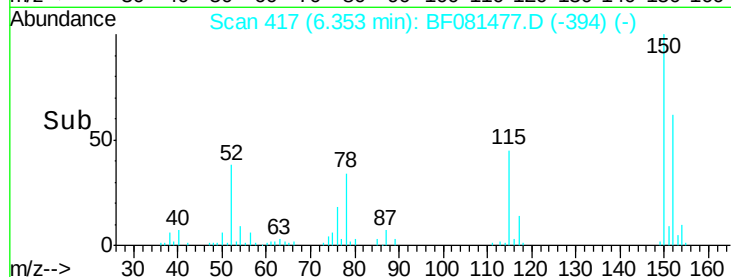
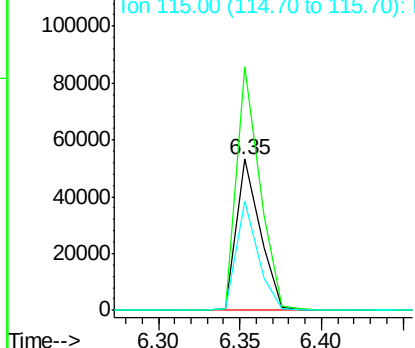
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081477.D
Acq: 5 Sep 2015 21:59

Instrument :
BNA_F
ClientSampled :
SB-2

Tot Ion:152 Resp: 52817
Ion Ratio Lower Upper
152 100
150 161.3 124.7 187.1
115 72.0 39.0 58.4#



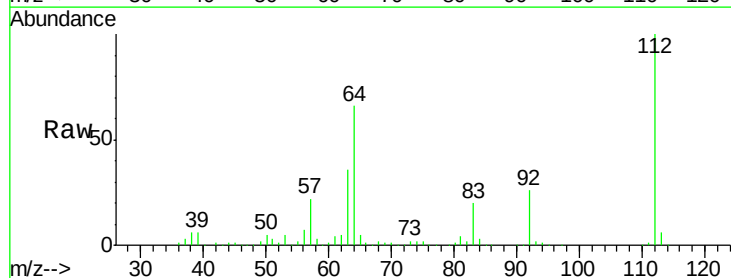
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



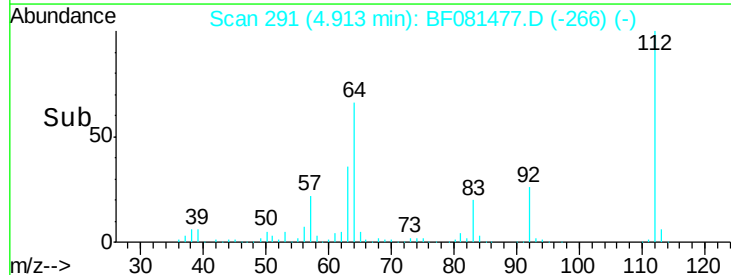
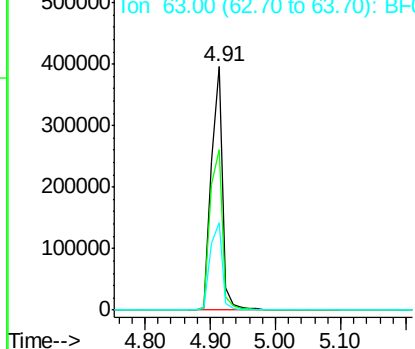
#5

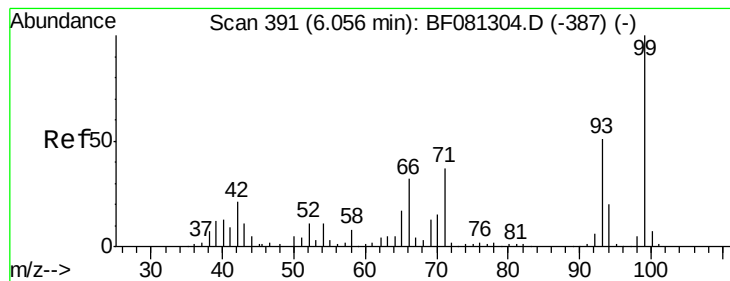
2-Fluorophenol
Concen: 141.18 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081477.D
Acq: 5 Sep 2015 21:59

Tgt Ion:112 Resp: 480615
Ion Ratio Lower Upper
112 100
64 66.1 39.7 59.5#
63 35.7 17.4 26.0#



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: 150.47 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081477.D

Acq: 5 Sep 2015 21:59

Instrument :

BNA_F

ClientSampleId :

SB-2

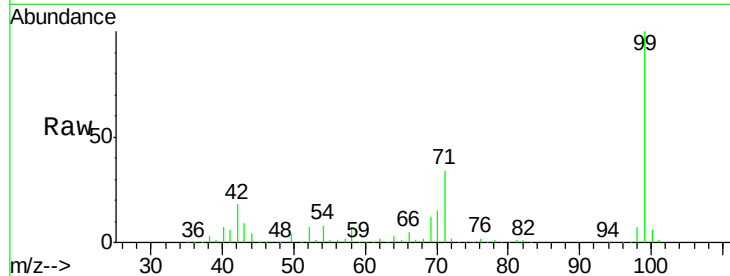
Tot Ion: 99 Resp: 678021

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

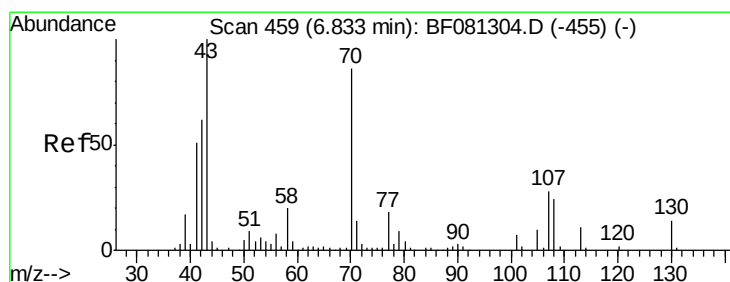
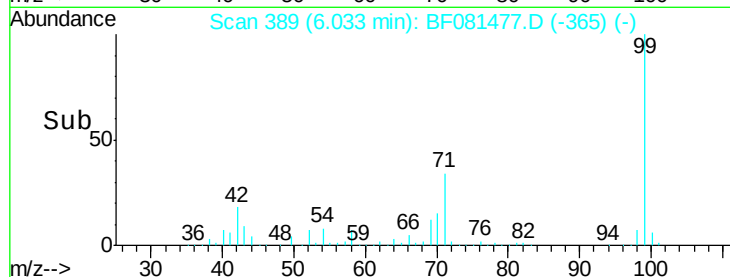
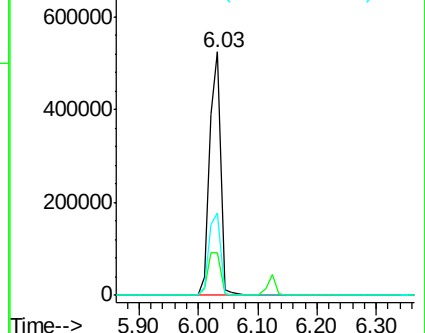
71 34.0 14.2 21.2#



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: 18.09 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081477.D

Acq: 5 Sep 2015 21:59

Tgt Ion: 70 Resp: 55471

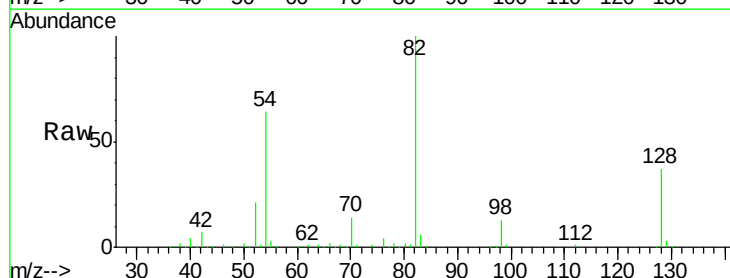
Ion Ratio Lower Upper

70 100

42 53.1 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

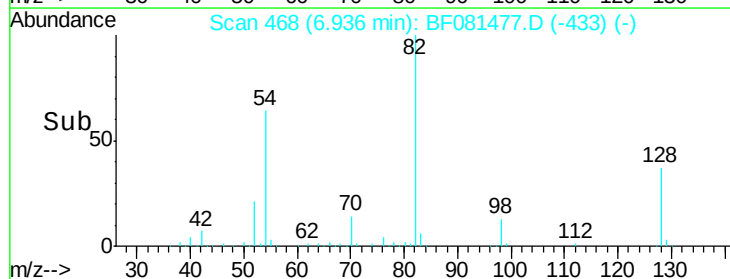
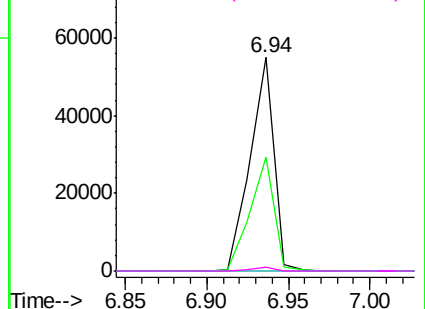


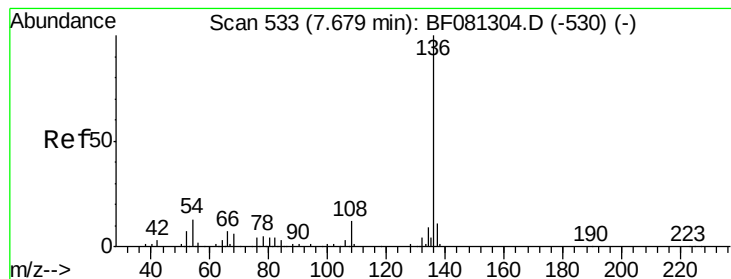
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081477.D

Acq: 5 Sep 2015 21:59

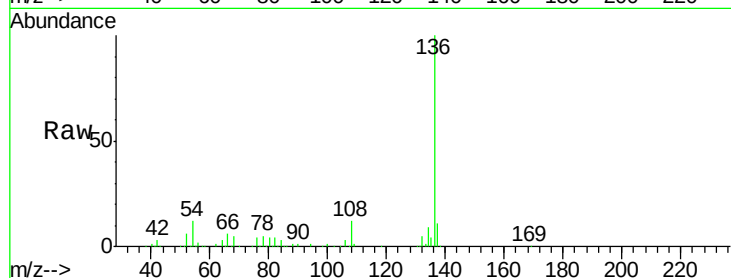
Instrument :

BNA_F

ClientSampleId :

SB-2

Tot Ion:136	Resp:	207304
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	12.0	8.2 12.2
68	5.3	5.8 8.6#

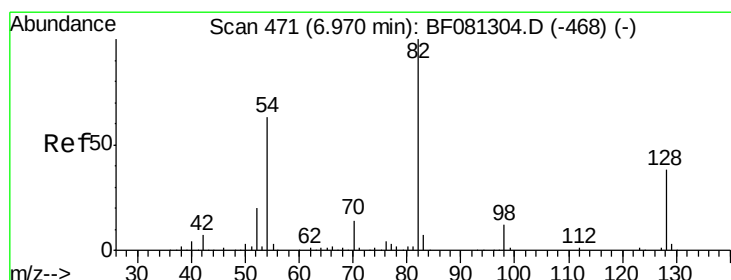
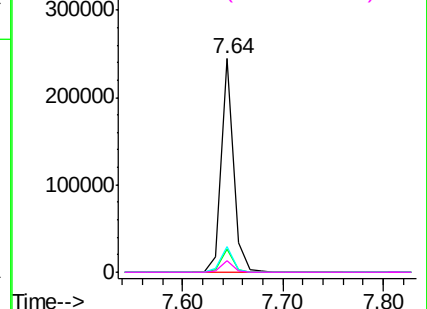
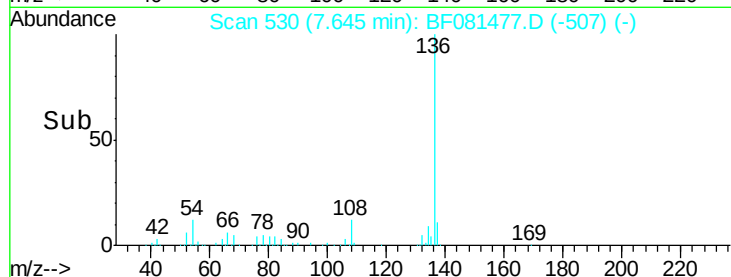


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.87 ng

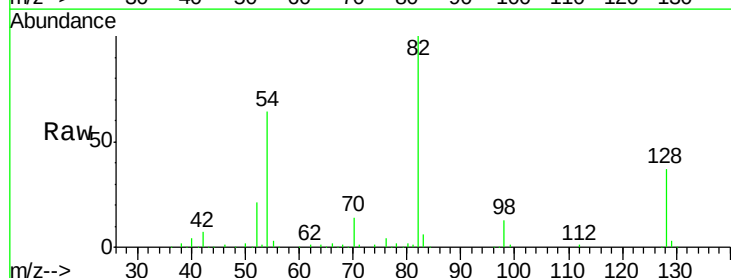
RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081477.D

Acq: 5 Sep 2015 21:59

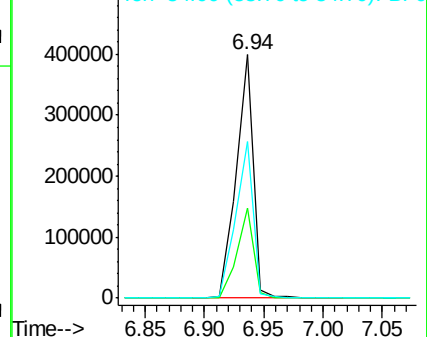
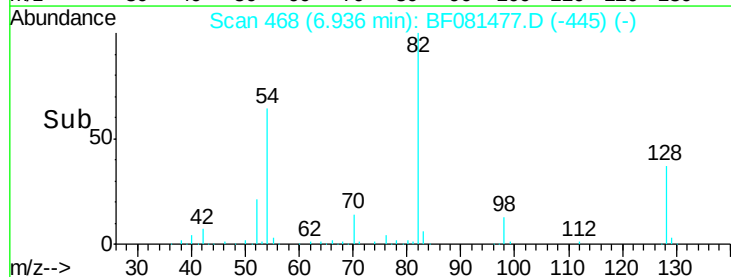
Tgt Ion: 82	Resp:	399058
Ion Ratio	Lower	Upper
82	100	
128	37.1	51.0 76.6#
54	64.1	47.5 71.3

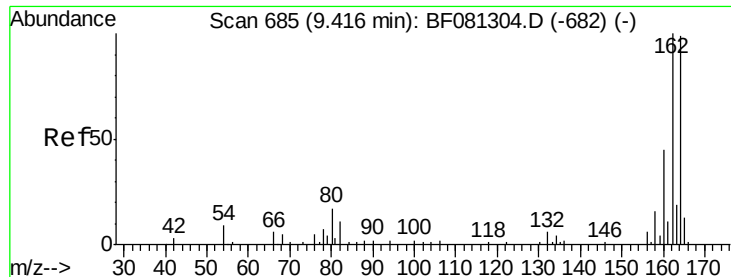


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

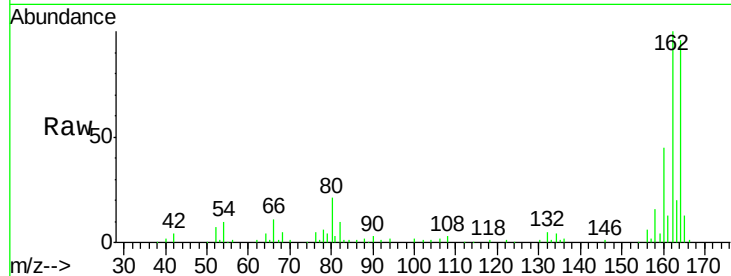




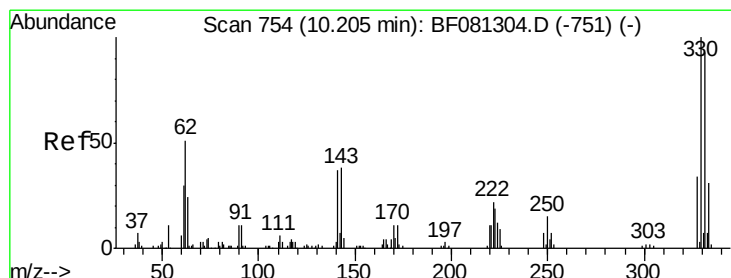
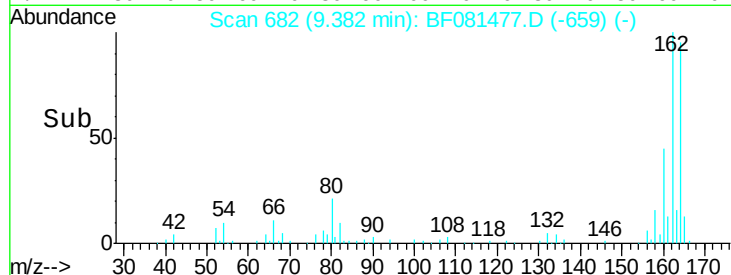
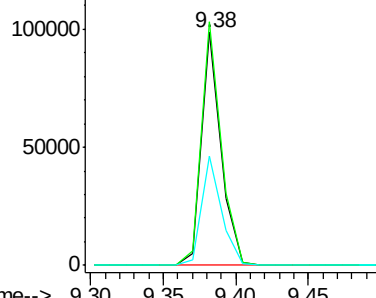
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF081477.D
 Acq: 5 Sep 2015 21:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tot Ion:164 Resp: 92032
 Ion Ratio Lower Upper
 164 100
 162 104.6 75.2 112.8
 160 46.7 31.5 47.3

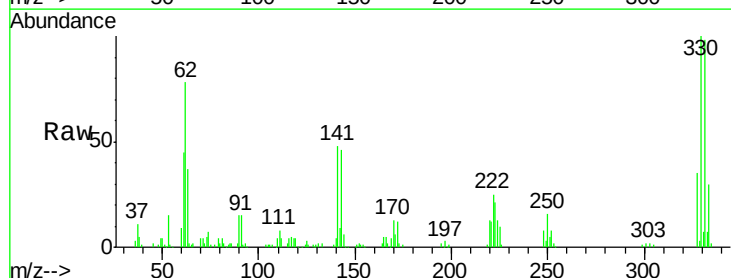


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

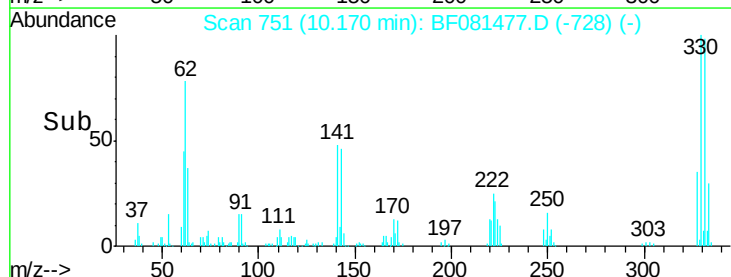
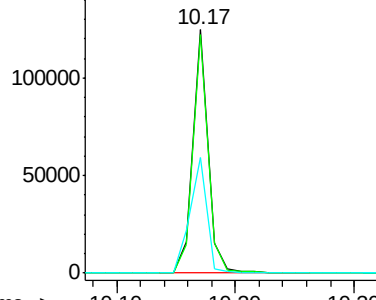


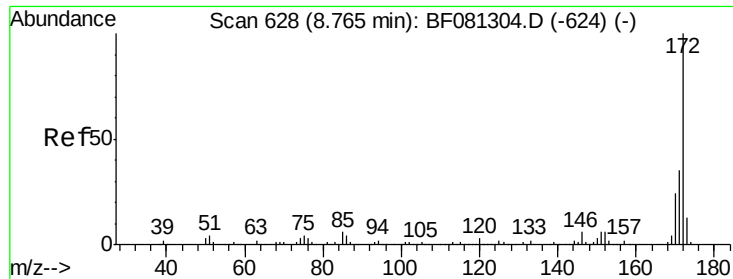
#41
 2,4,6-Tribromophenol
 Concen: 134.21 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081477.D
 Acq: 5 Sep 2015 21:59

Tgt Ion:330 Resp: 109978
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 53.0 29.7 44.5#



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

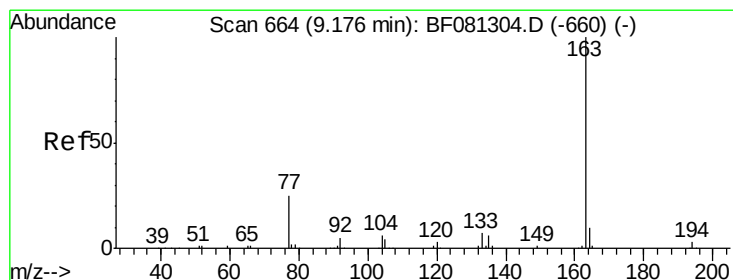
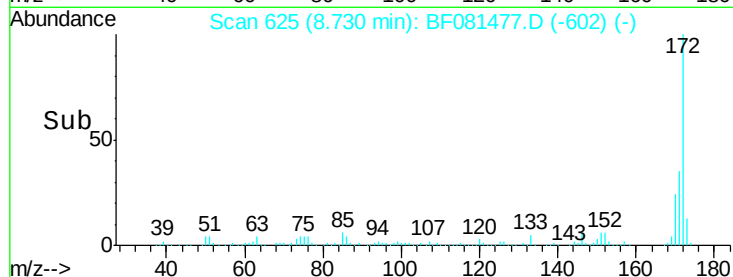
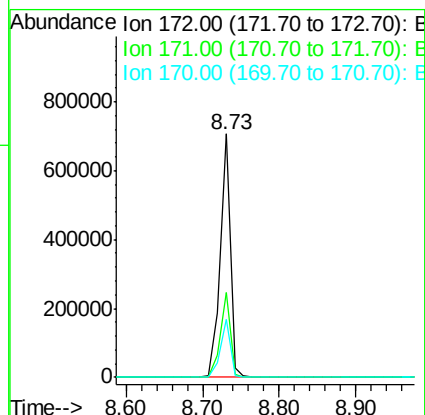
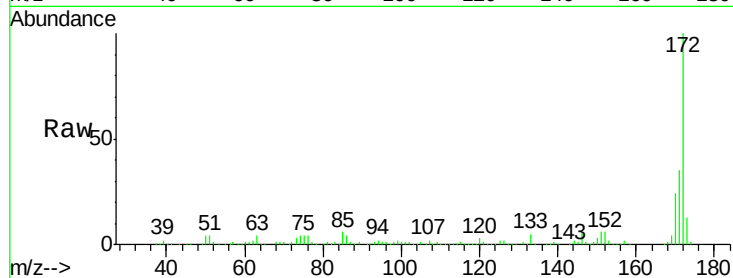




#44
2-Fluorobiphenyl
Concen: 89.60 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF081477.D
Acq: 5 Sep 2015 21:59

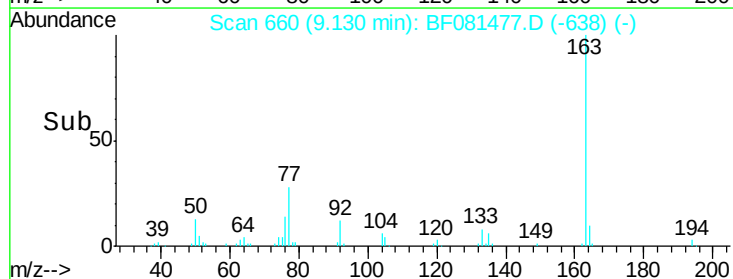
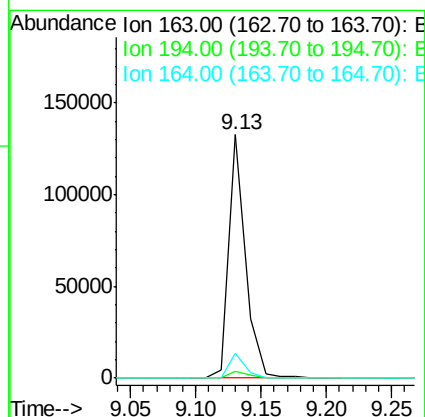
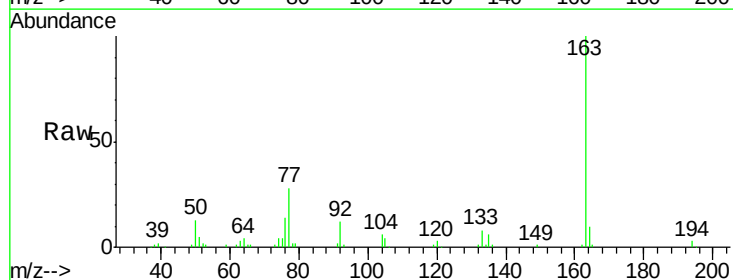
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BNA_F
ClientSampleId :
SB-2

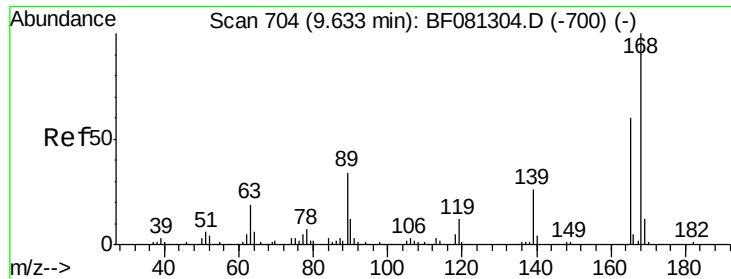
Tot Ion:172 Resp: 643470
Ion Ratio Lower Upper
172 100
171 34.9 26.1 39.1
170 23.9 17.4 26.2



#49
Dimethylphthalate
Concen: 16.70 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081477.D
Acq: 5 Sep 2015 21:59

Tgt Ion:163 Resp: 119411
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.3 8.3 12.5

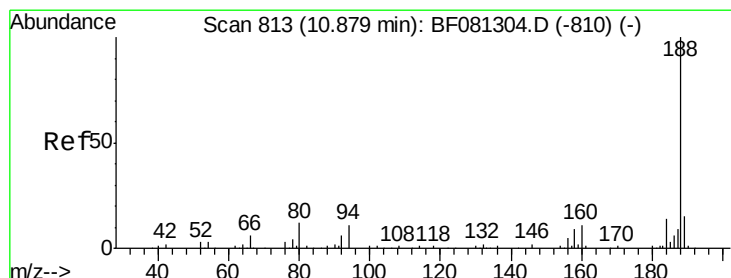
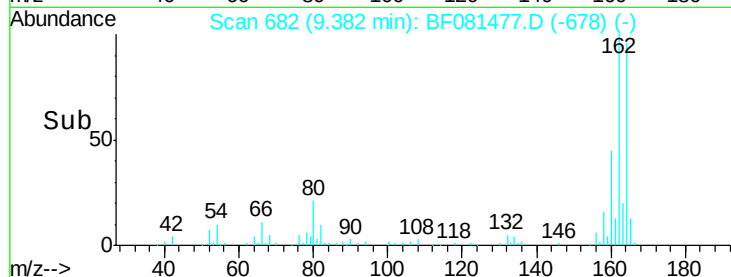
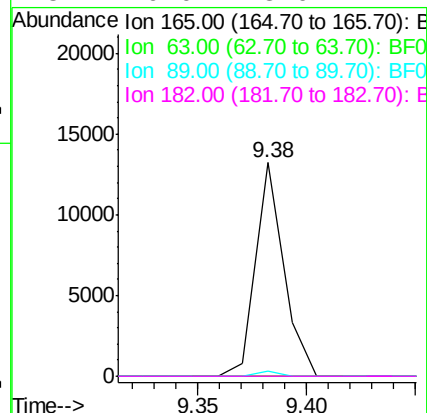
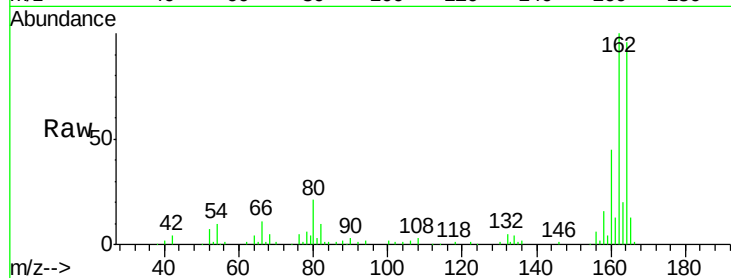




#56
 2,4-Dinitrotoluene
 Concen: 5.75 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.25 min
 Lab File: BF081477.D
 Acq: 5 Sep 2015 21:59

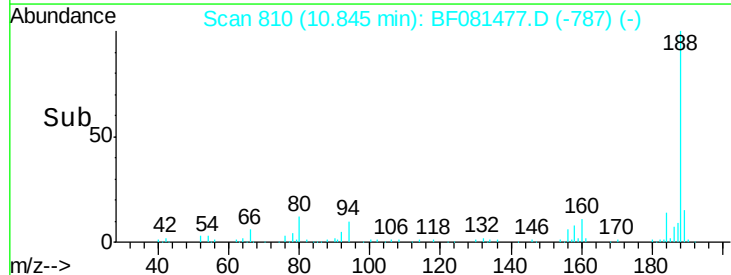
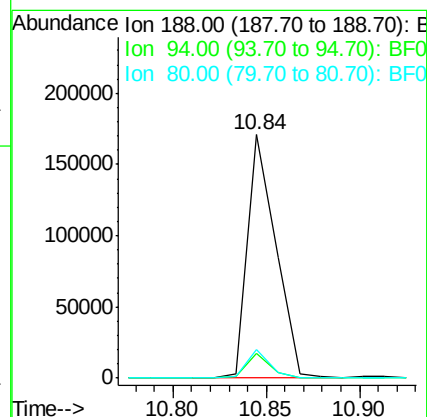
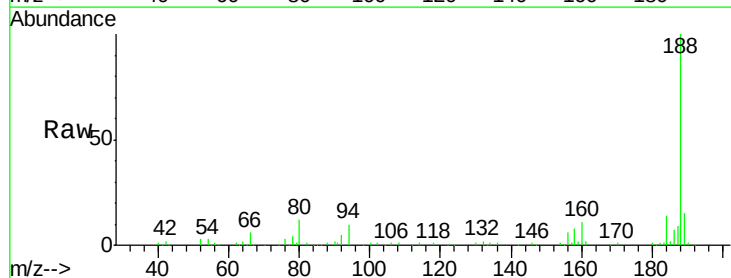
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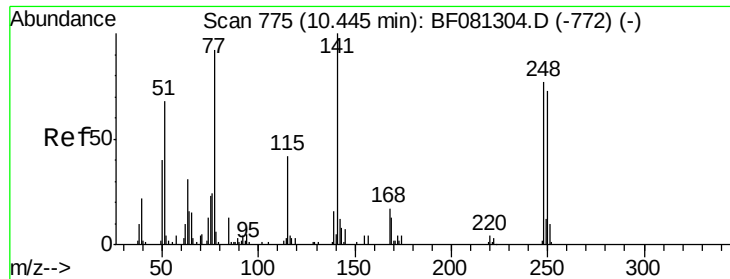
Tot Ion:	165	Resp:	11890
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	2.4	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF081477.D
 Acq: 5 Sep 2015 21:59

Tgt Ion:	188	Resp:	180856
Ion	Ratio	Lower	Upper
188	100		
94	10.2	11.1	16.7#
80	11.6	11.0	16.4





#66

4-Bromophenyl-phenylether

Concen: 4.79 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.27 min

Lab File: BF081477.D

Acq: 5 Sep 2015 21:59

Instrument :

BNA_F

ClientSampled :

SB-2

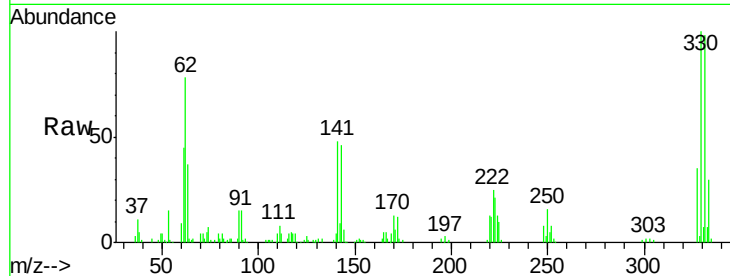
Tot Ion:248 Resp: 8760

Ion Ratio Lower Upper

248 100

250 191.2 78.5 117.7#

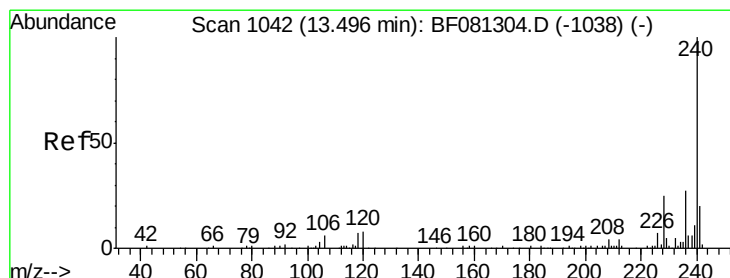
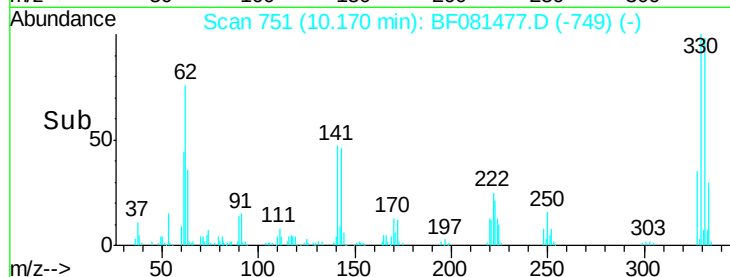
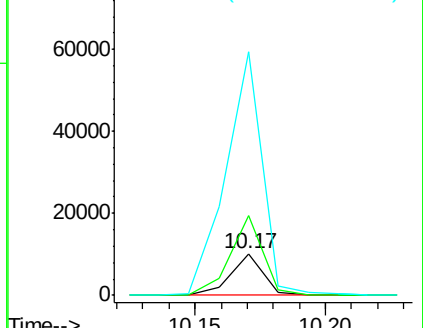
141 587.0 59.0 88.6#



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: 13.45 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF081477.D

Acq: 5 Sep 2015 21:59

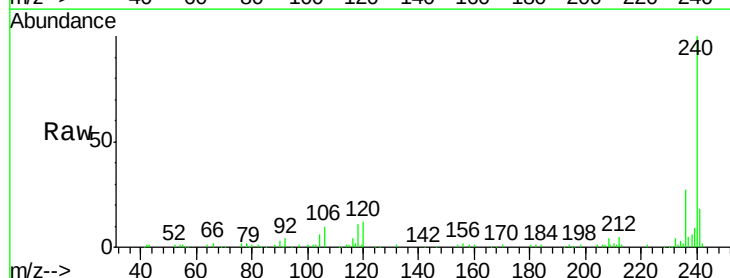
Tgt Ion:240 Resp: 130988

Ion Ratio Lower Upper

240 100

120 11.9 16.2 24.2#

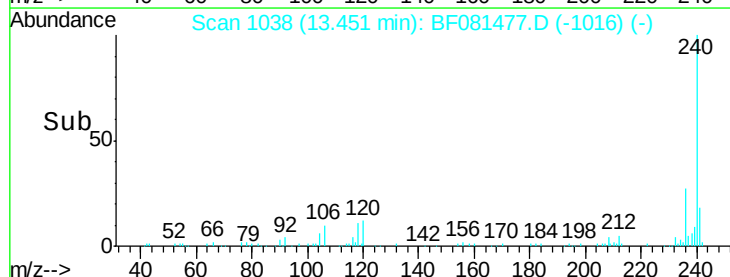
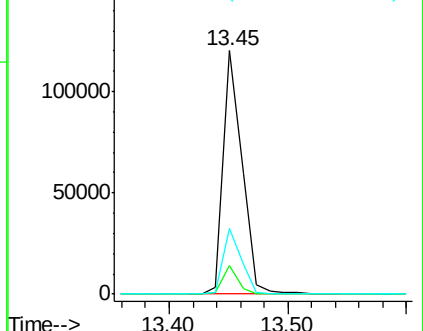
236 26.8 18.4 27.6

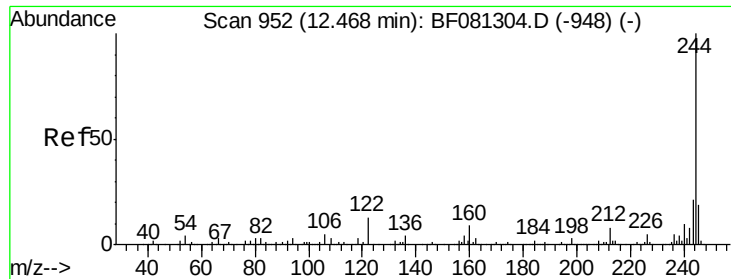


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

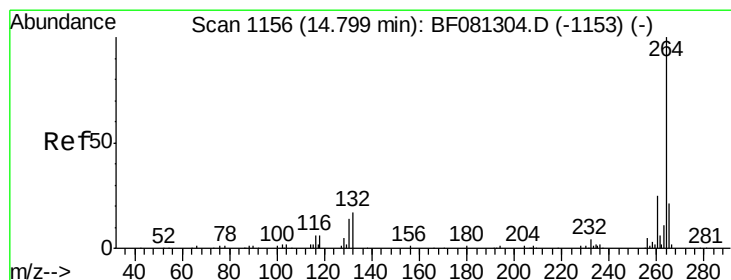
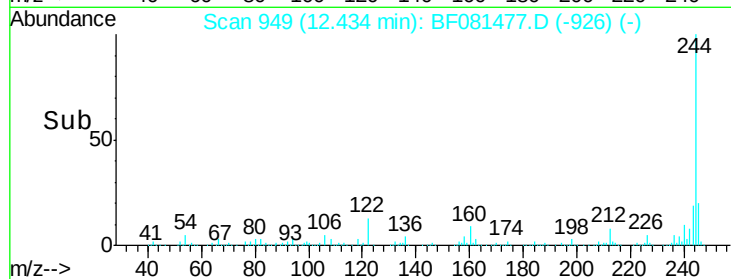
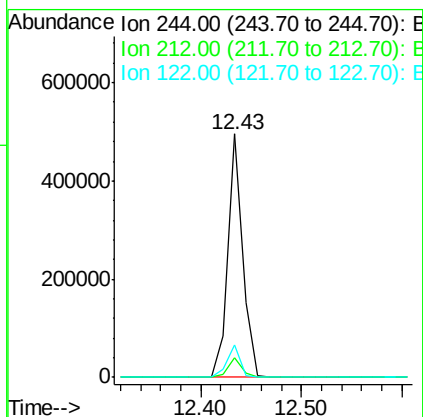
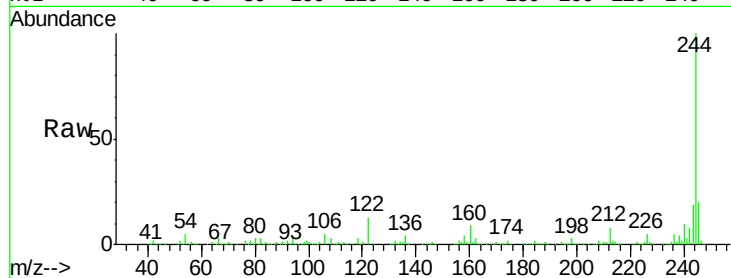




#78
 Terphenyl-d14
 Concen: 90.29 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF081477.D
 Acq: 5 Sep 2015 21:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tot Ion:244 Resp: 508060
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 13.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081477.D
 Acq: 5 Sep 2015 21:59

Tgt Ion:264 Resp: 94759
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 20.8 17.2 25.8

