

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082477.D
 Acq On : 23 Oct 2015 20:52
 Operator : UM/IZ
 Sample : PB86188TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86188TB

Quant Time: Oct 24 04:53:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

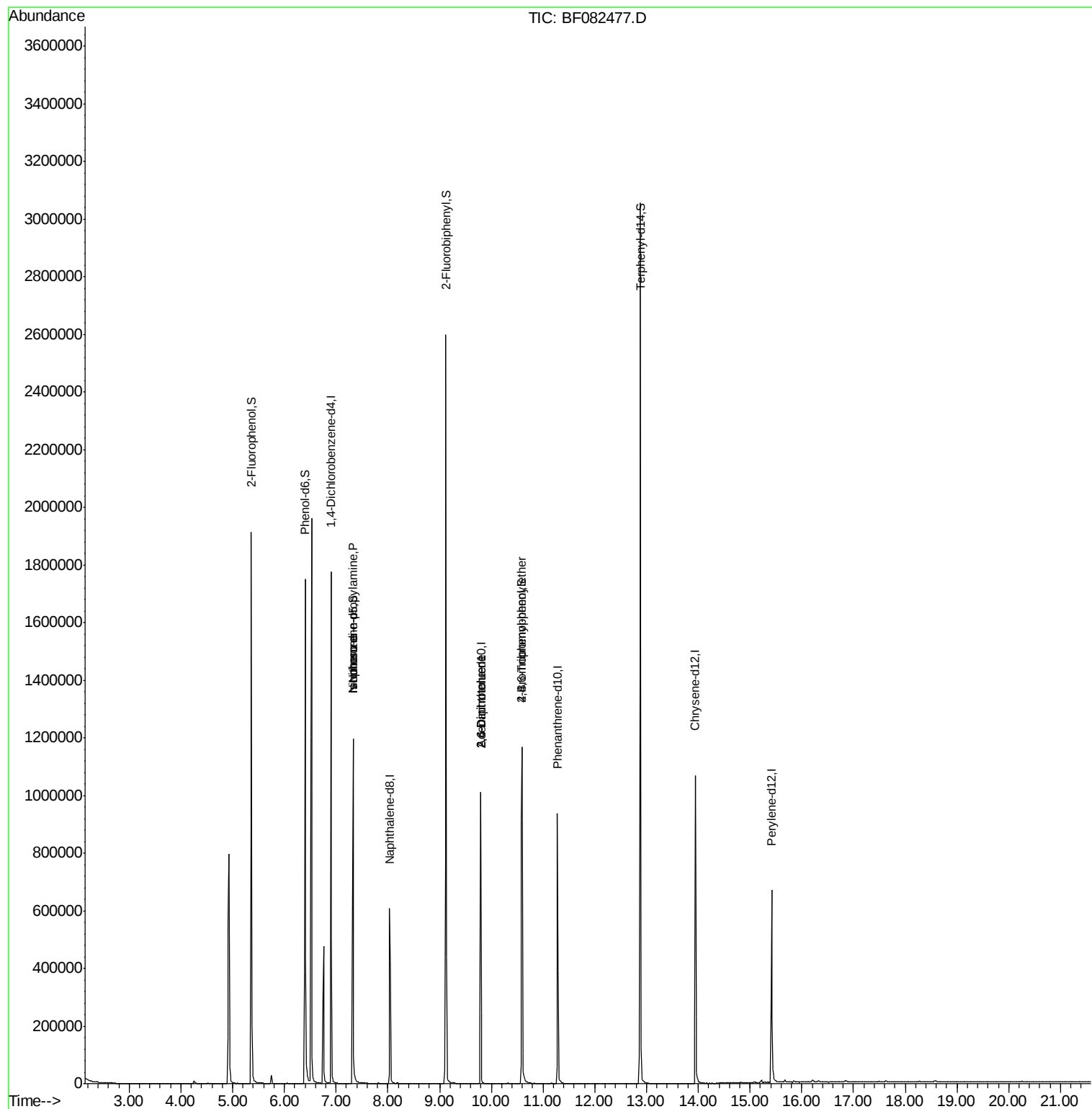
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	296612	20.00	ng	0.15
21) Naphthalene-d8	8.03	136	408597	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	223484	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	435579	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	421363	20.00	ng	-0.01
86) Perylene-d12	15.42	264	331321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	621019	42.26	ng	0.01
7) Phenol-d6	6.40	99	709574	37.10	ng	-0.01
23) Nitrobenzene-d5	7.33	82	500226	82.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	205796	98.19	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	960098	71.24	ng	-0.01
78) Terphenyl-d14	12.88	244	1127670	70.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	65316	4.86	ng	# 75
25) Isophorone	7.33	82	487276	39.68	ng	# 66
50) 2,6-Dinitrotoluene	9.79	165	28300	8.52	ng	# 32
56) 2,4-Dinitrotoluene	9.79	165	28301	6.82	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	15353	3.52	ng	# 1

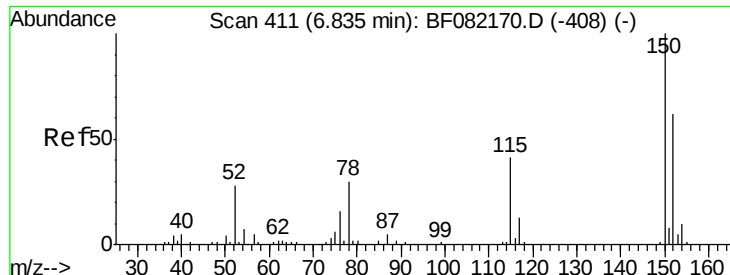
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
Data File : BF082477.D
Acq On : 23 Oct 2015 20:52
Operator : UM/IZ
Sample : PB86188TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86188TB

Quant Time: Oct 24 04:53:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 04:47:19 2015
Response via : Initial Calibration



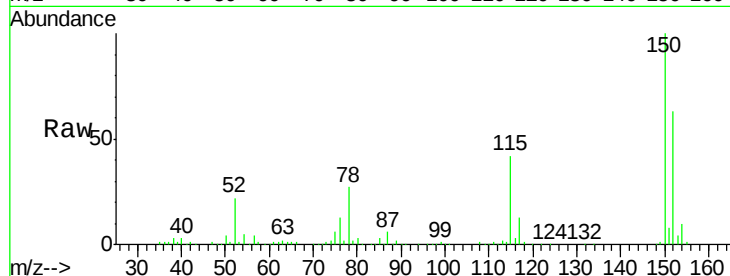


#1

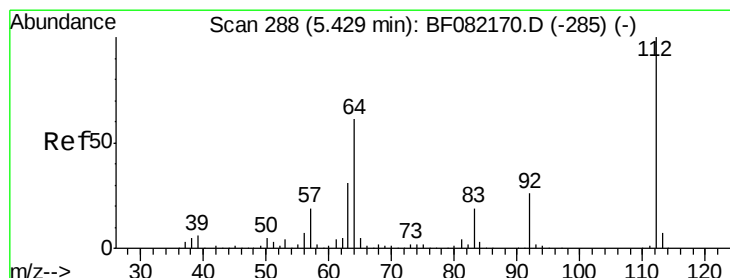
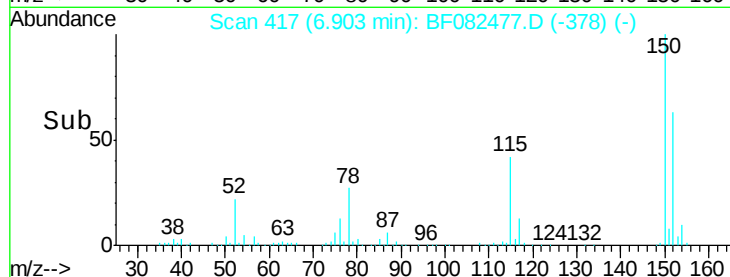
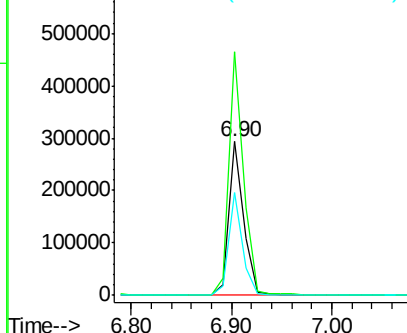
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. 0.15 min
Lab File: BF082477.D
Acq: 23 Oct 2015 20:52

Instrument :
BNA_F
ClientSampleId :
PB86188TB

Tot Ion:152 Resp: 296612
Ion Ratio Lower Upper
152 100
150 158.1 129.0 193.4
115 67.2 52.1 78.1



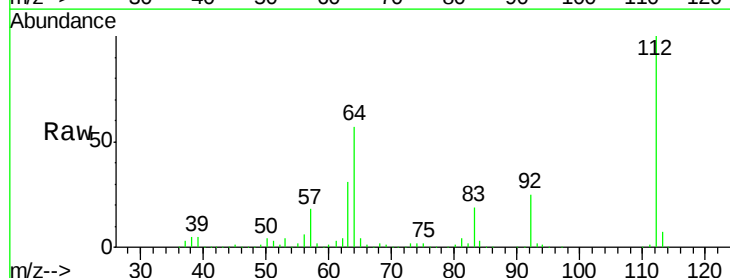
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



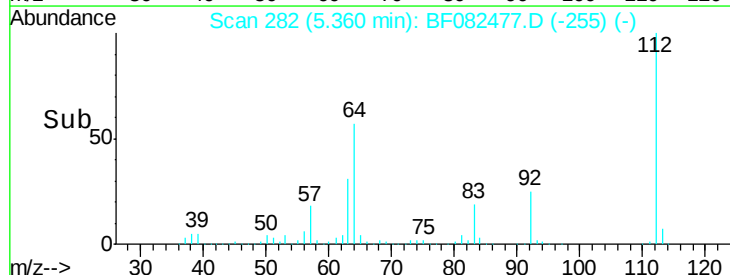
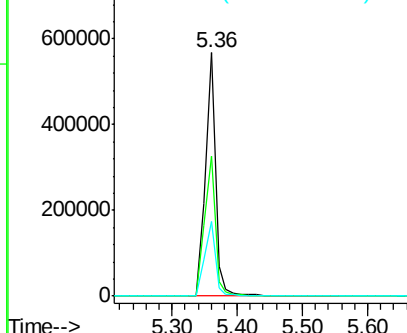
#5

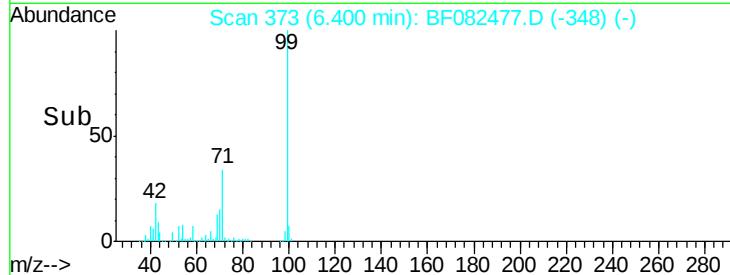
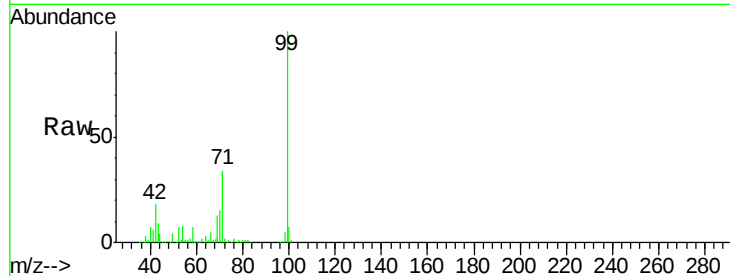
2-Fluorophenol
Concen: 42.26 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082477.D
Acq: 23 Oct 2015 20:52

Tgt Ion:112 Resp: 621019
Ion Ratio Lower Upper
112 100
64 57.3 48.6 73.0
63 30.5 25.1 37.7



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: 37.10 ng

RT: 6.40 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF082477.D

Acq: 23 Oct 2015 20:52

Instrument :

BNA_F

ClientSampleId :

PB86188TB

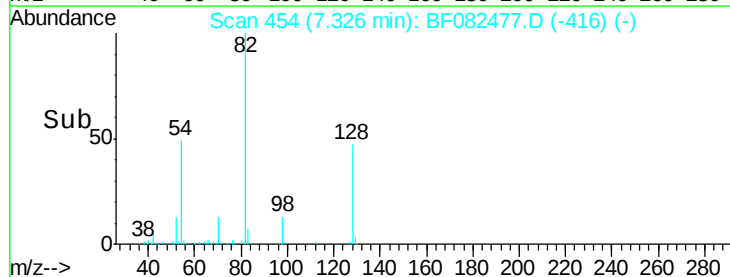
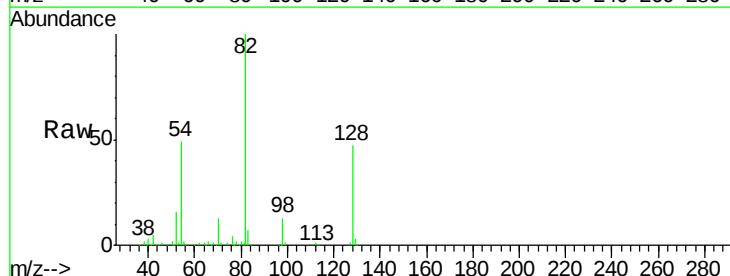
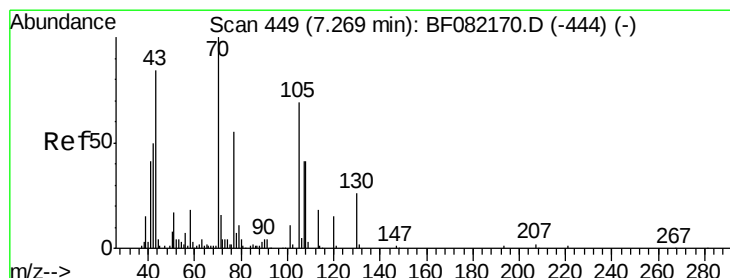
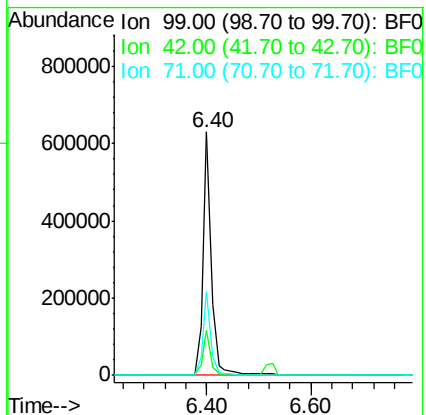
Tot Ion: 99 Resp: 709574

Ion Ratio Lower Upper

99 100

42 18.4 13.2 19.8

71 34.5 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.86 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF082477.D

Acq: 23 Oct 2015 20:52

Tgt Ion: 70 Resp: 65316

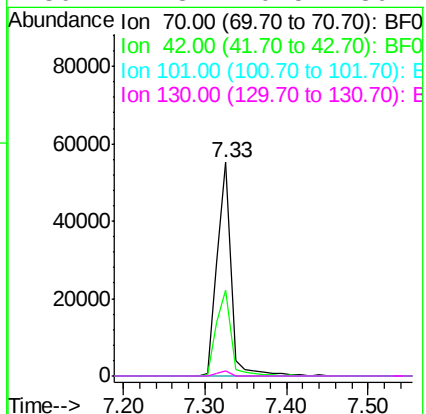
Ion Ratio Lower Upper

70 100

42 40.1 39.8 59.8

101 0.0 8.6 13.0#

130 2.3 20.5 30.7#

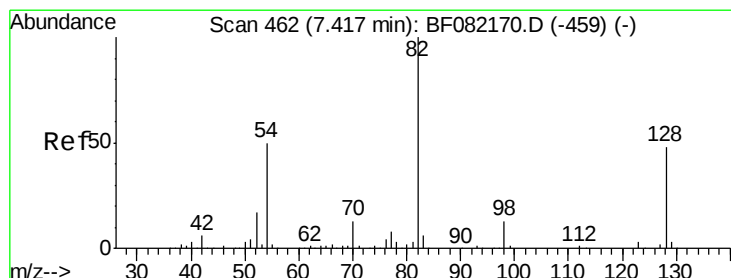
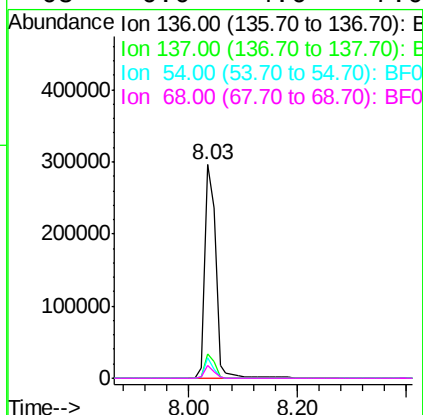
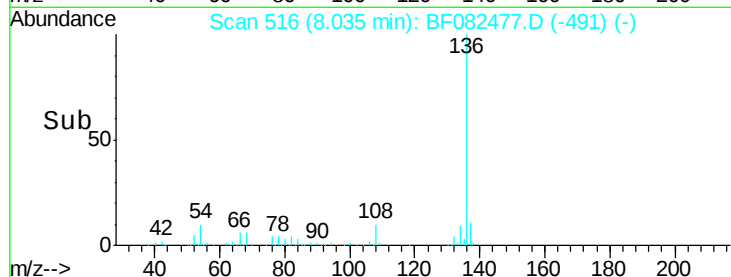
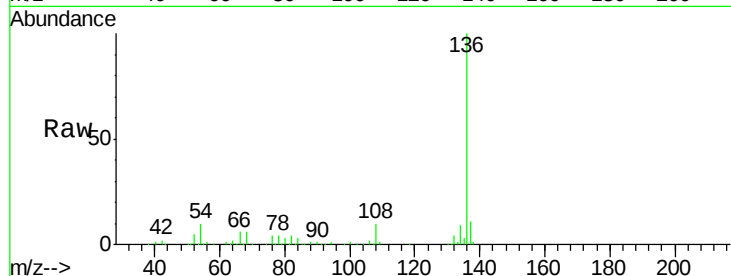




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF082477.D
Acq: 23 Oct 2015 20:52

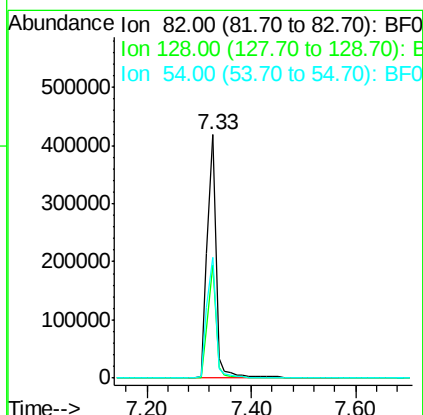
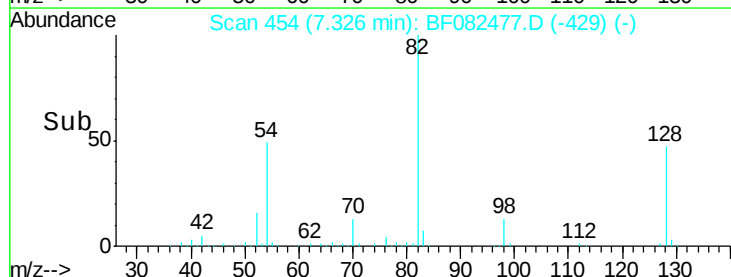
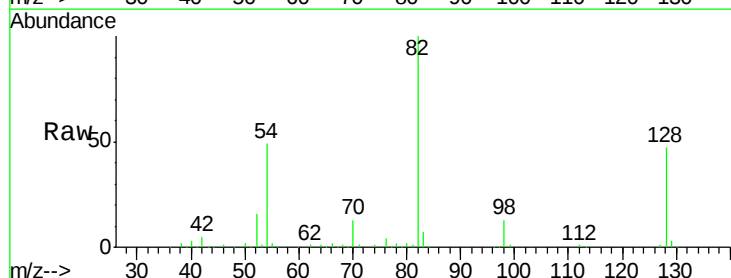
Instrument :
BNA_F
ClientSampleId :
PB86188TB

Tot Ion:136	Resp:	408597
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	9.8	7.5 11.3
68	6.0	4.6 7.0



#23
Nitrobenzene-d5
Concen: 82.21 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082477.D
Acq: 23 Oct 2015 20:52

Tgt Ion: 82	Resp:	500226
Ion Ratio	Lower	Upper
82	100	
128	46.7	38.7 58.1
54	49.5	40.1 60.1





#25

Isophorone

Concen: 39.68 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.26 min

Lab File: BF082477.D

Acq: 23 Oct 2015 20:52

Instrument :

BNA_F

ClientSampleId :

PB86188TB

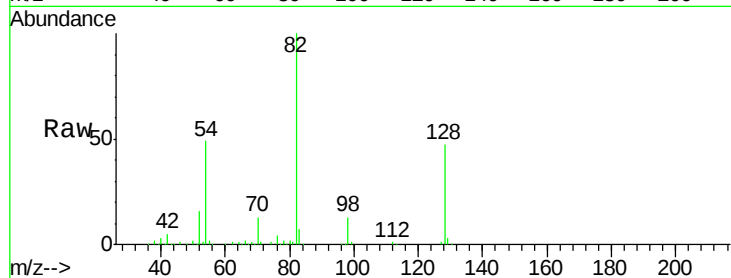
Tot Ion: 82 Resp: 487276

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

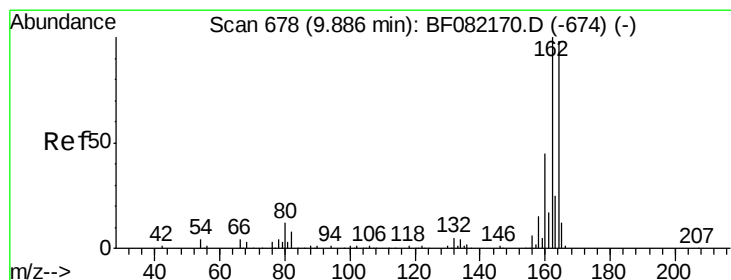
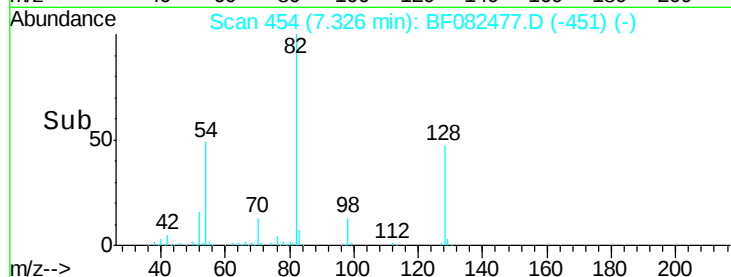
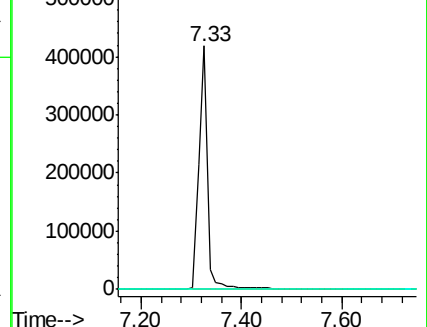
138 0.0 13.6 20.4#



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: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082477.D

Acq: 23 Oct 2015 20:52

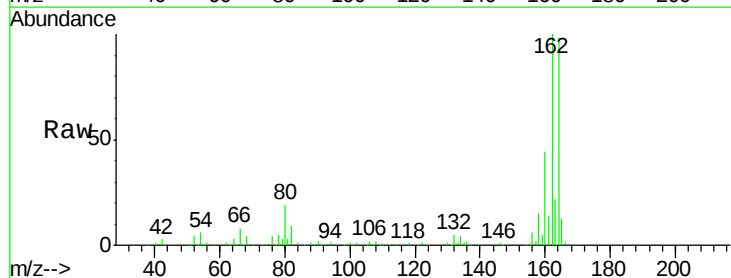
Tgt Ion: 164 Resp: 223484

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

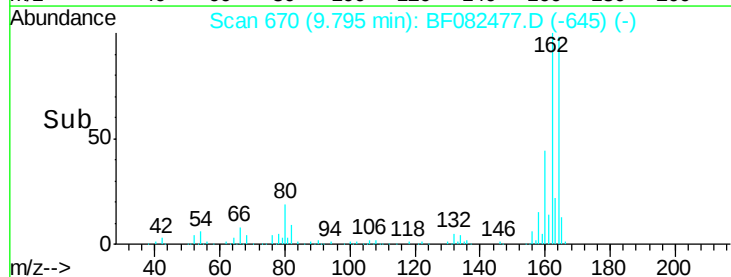
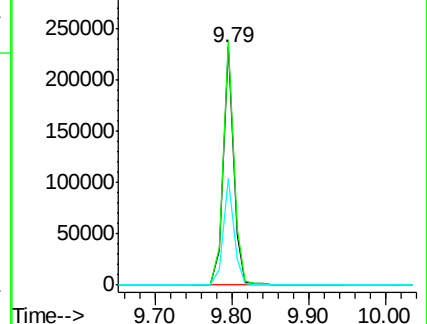
160 44.7 36.4 54.6



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

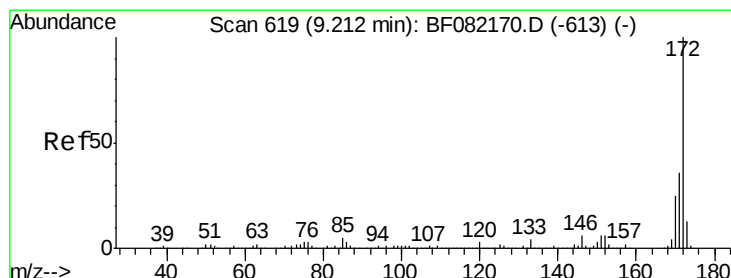
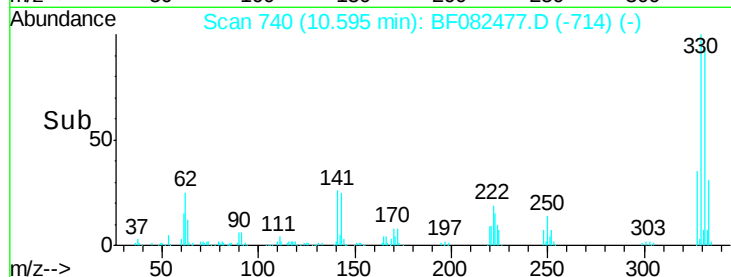
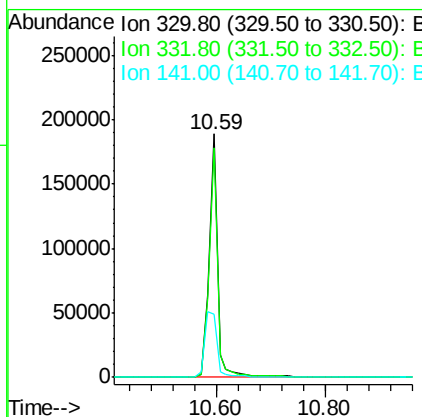
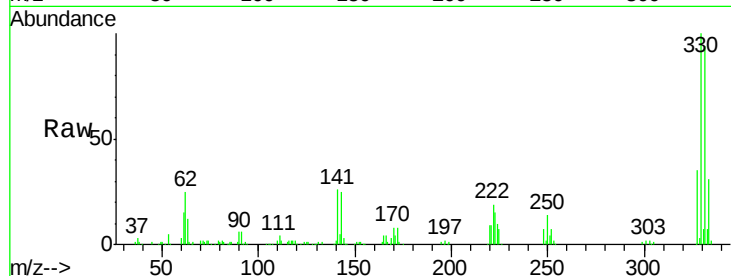




#41
 2,4,6-Tribromophenol
 Concen: 98.19 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082477.D
 Acq: 23 Oct 2015 20:52

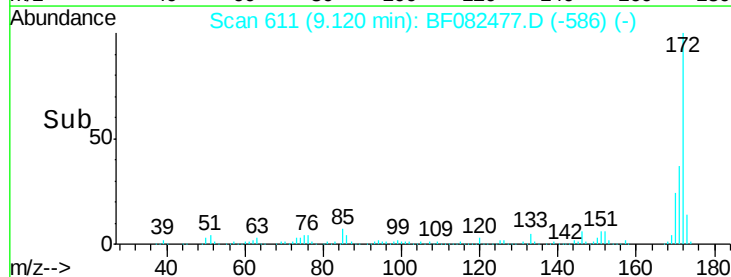
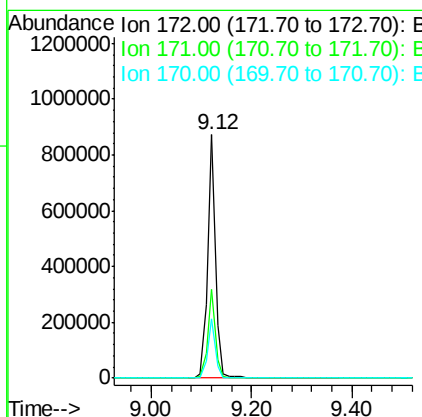
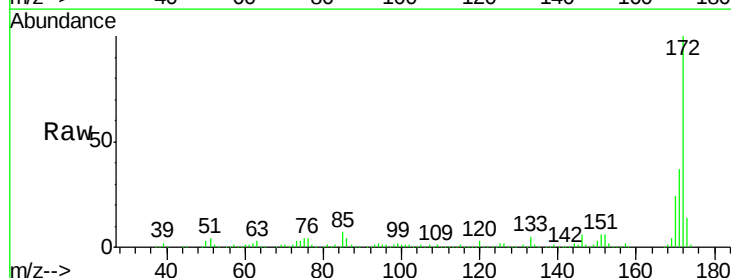
Instrument :
 BNA_F
 ClientSampleId :
 PB86188TB

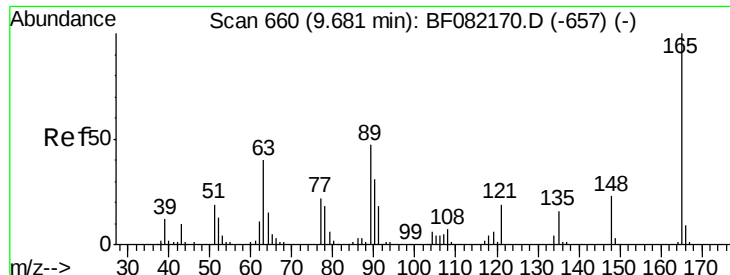
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	39.5	29.8	44.8



#44
 2-Fluorobiphenyl
 Concen: 71.24 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082477.D
 Acq: 23 Oct 2015 20:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	24.3	19.7	29.5

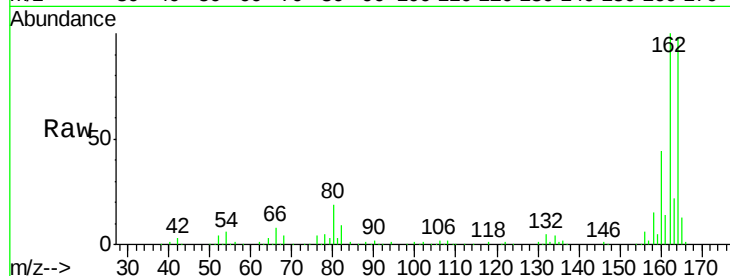




#50
 2,6-Dinitrotoluene
 Concen: 8.52 ng
 RT: 9.79 min Scan# 670
 Delta R.T. 0.19 min
 Lab File: BF082477.D
 Acq: 23 Oct 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB86188TB

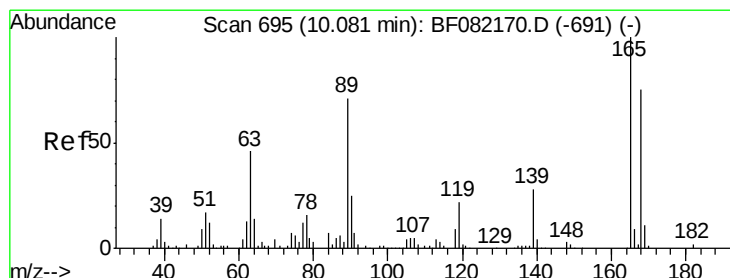
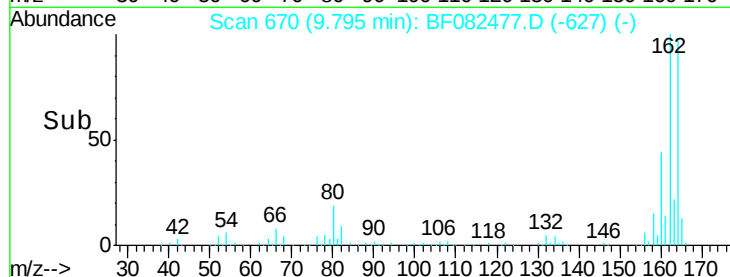
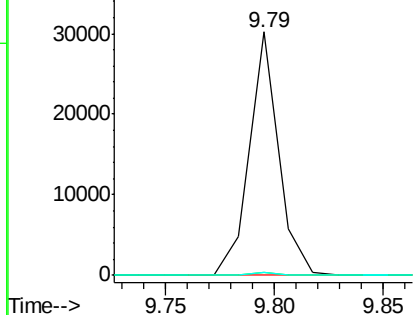
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.0	37.8	56.6#



Abundance Ion 165.00 (164.70 to 165.70): E

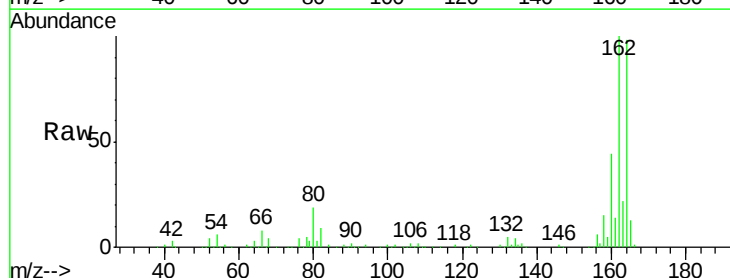
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.82 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.22 min
 Lab File: BF082477.D
 Acq: 23 Oct 2015 20:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.6	58.0#
89	1.0	57.0	85.6#
182	0.0	1.8	2.6#

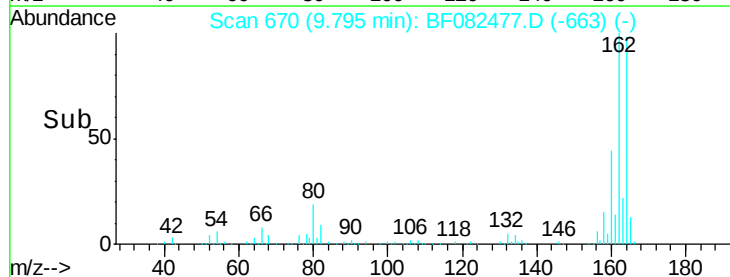
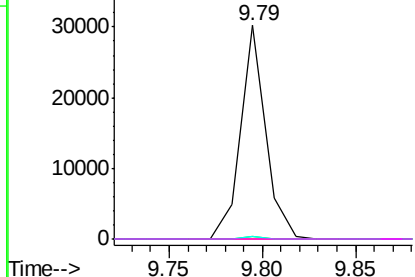


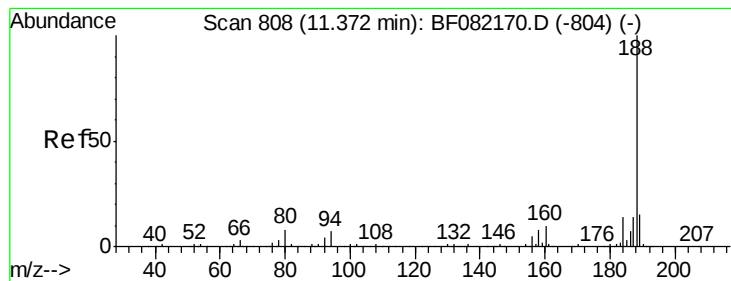
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.28 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF082477.D

Acq: 23 Oct 2015 20:52

Instrument :

BNA_F

ClientSampleId :

PB86188TB

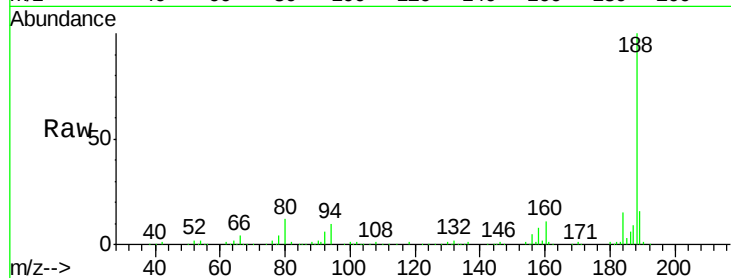
Tot Ion:188 Resp: 435579

Ion Ratio Lower Upper

188 100

94 10.2 5.8 8.6#

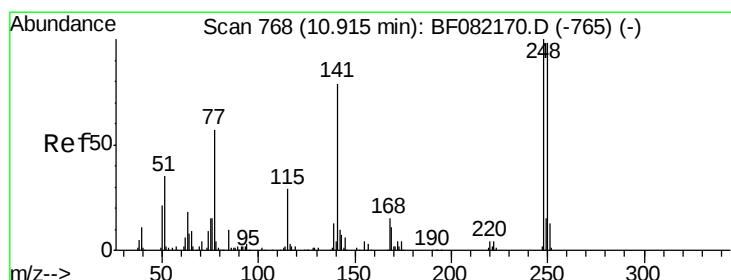
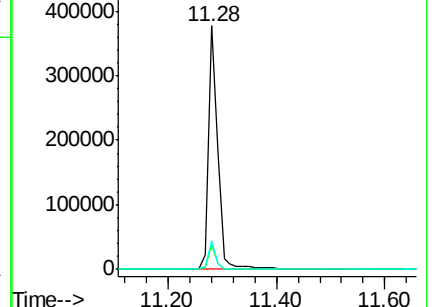
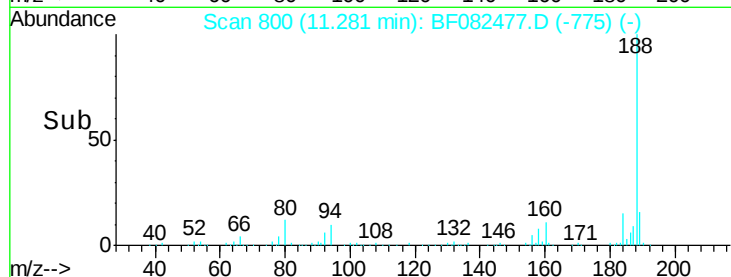
80 11.5 6.4 9.6#



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: 3.52 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.24 min

Lab File: BF082477.D

Acq: 23 Oct 2015 20:52

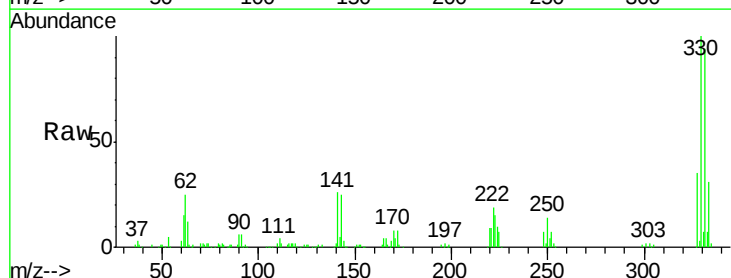
Tgt Ion:248 Resp: 15353

Ion Ratio Lower Upper

248 100

250 203.1 78.6 117.8#

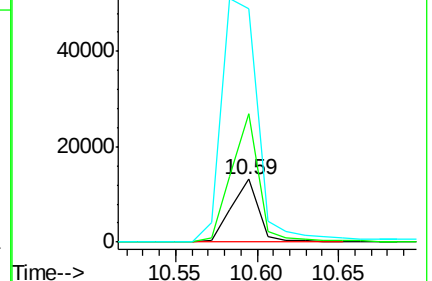
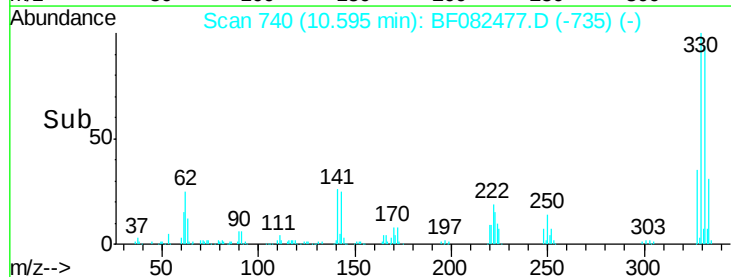
141 369.6 63.3 94.9#

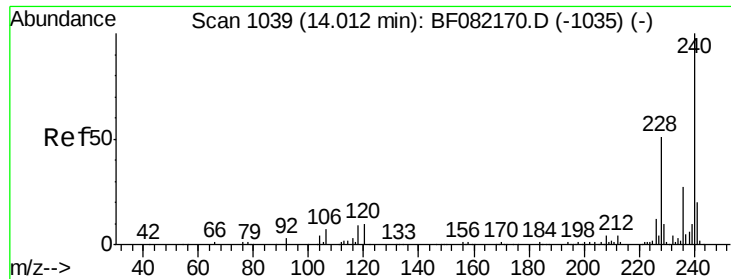


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.94 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF082477.D

Acq: 23 Oct 2015 20:52

Instrument :

BNA_F

ClientSampleId :

PB86188TB

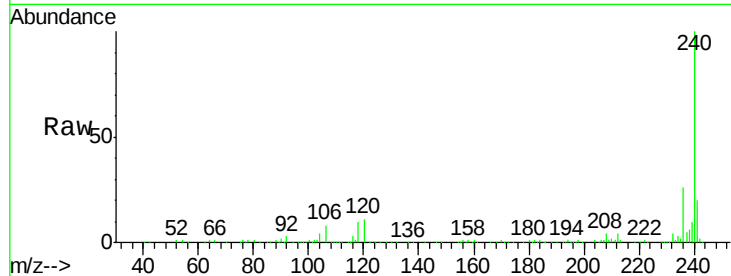
Tot Ion:240 Resp: 421363

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

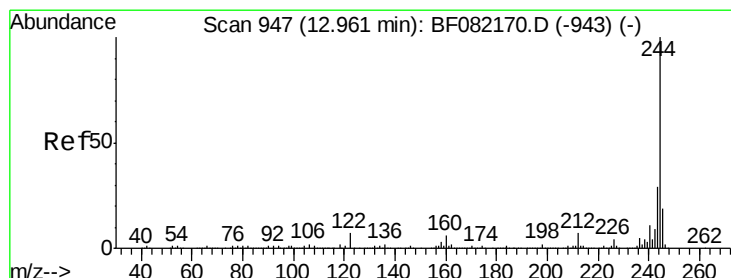
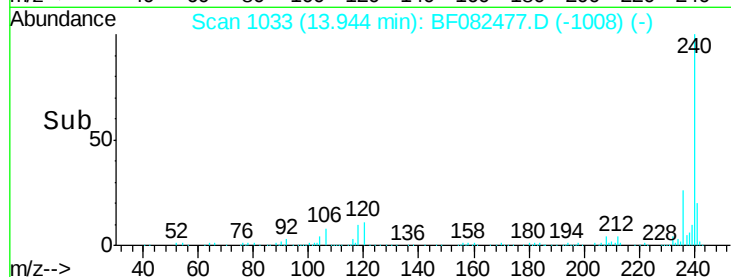
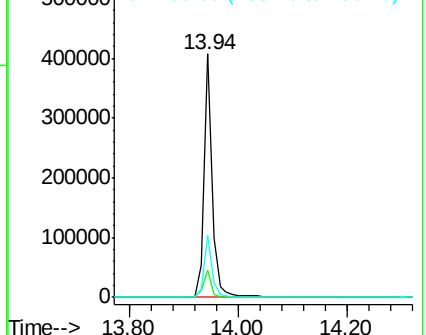
236 25.6 21.3 31.9



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: 70.92 ng

RT: 12.88 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF082477.D

Acq: 23 Oct 2015 20:52

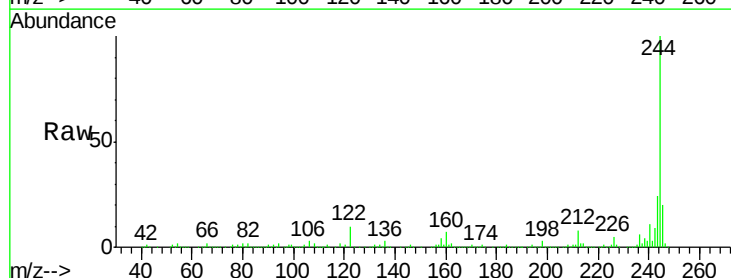
Tgt Ion:244 Resp: 1127670

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.6

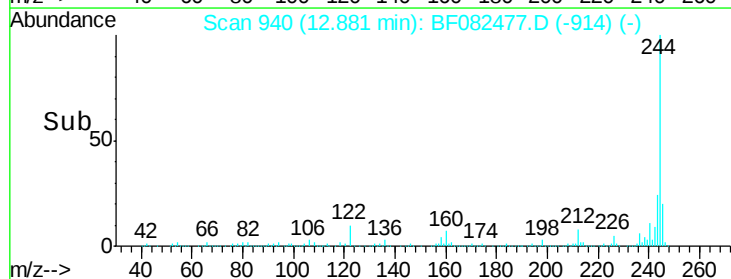
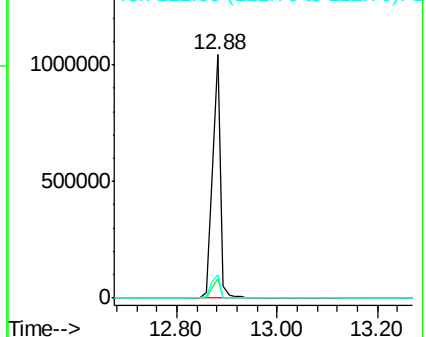
122 9.9 5.9 8.9#

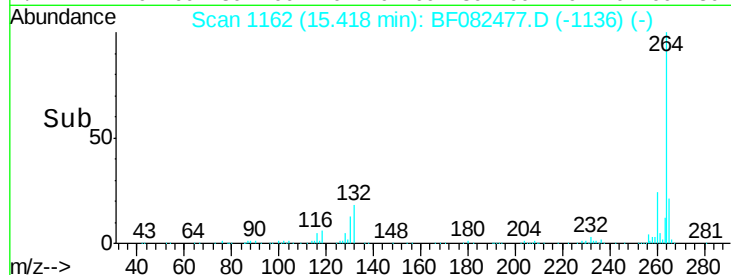
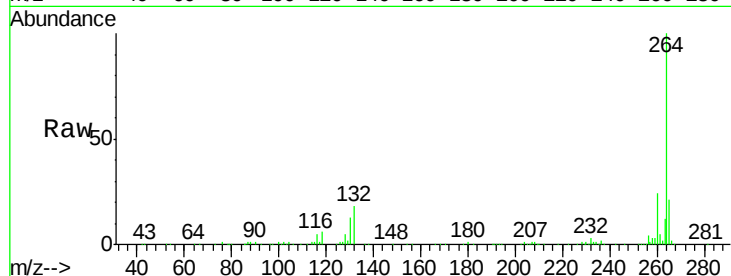
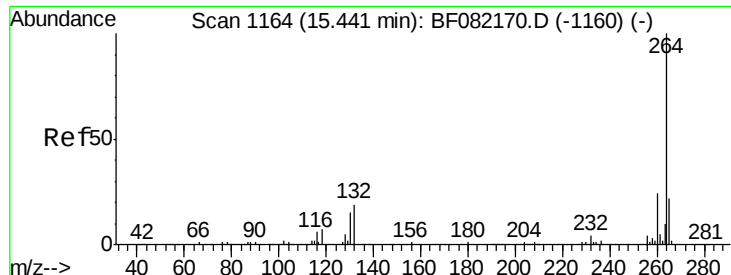


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF082477.D
 Acq: 23 Oct 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB86188TB

Tot Ion:	264	Resp:	331321
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.2	17.3	25.9

