

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082481.D
 Acq On : 23 Oct 2015 22:48
 Operator : UM/IZ
 Sample : PB86276BL
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BL

Quant Time: Oct 24 04:54:23 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

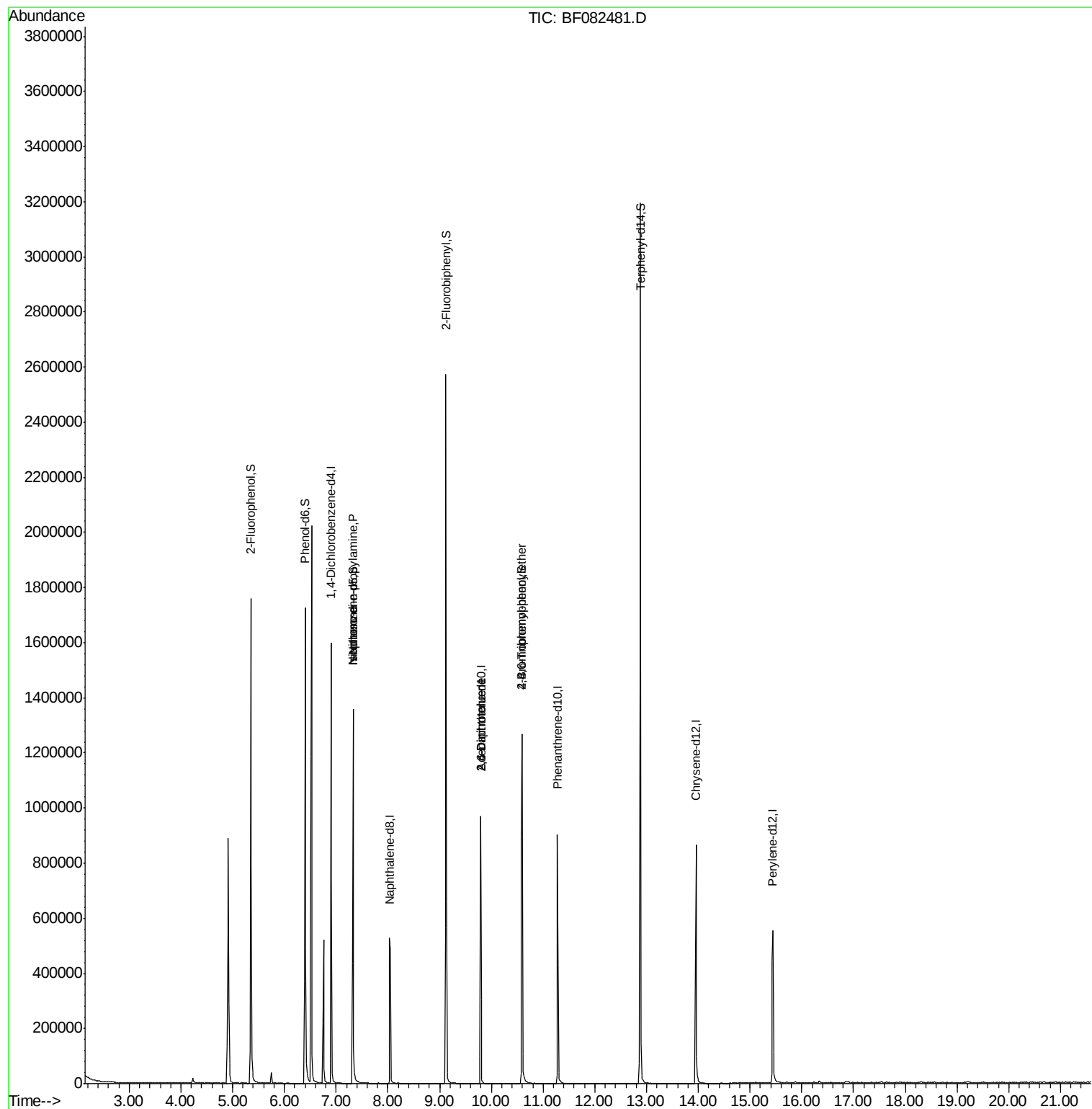
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	299661	20.00	ng	0.15
21) Naphthalene-d8	8.05	136	398795	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	215373	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	431307	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	407802	20.00	ng	0.00
86) Perylene-d12	15.44	264	325420	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	581913	39.19	ng	0.00
7) Phenol-d6	6.40	99	721669	37.35	ng	-0.01
23) Nitrobenzene-d5	7.33	82	503957	84.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	212591	105.25	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	953450	73.42	ng	-0.01
78) Terphenyl-d14	12.88	244	1165831	75.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	66301	4.89	ng	# 78
25) Isophorone	7.33	82	395708	33.02	ng	# 66
50) 2,6-Dinitrotoluene	9.79	165	27641	8.64	ng	# 32
56) 2,4-Dinitrotoluene	9.79	165	27643	6.91	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	15622	3.62	ng	# 1

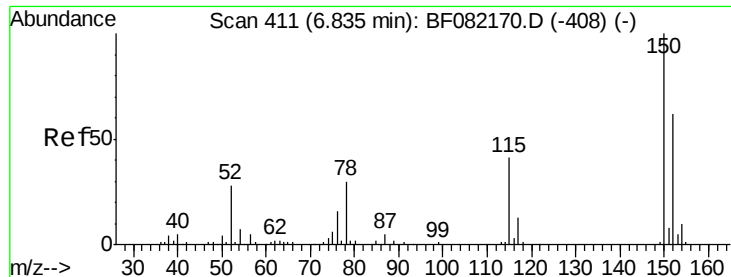
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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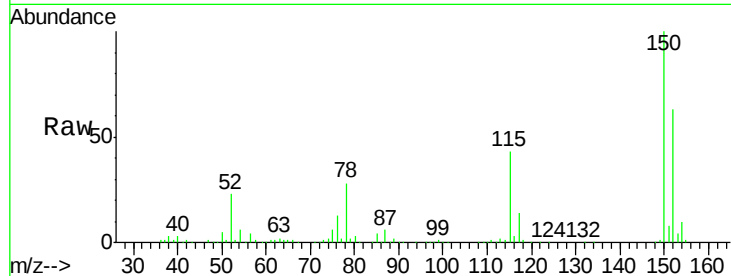


#1

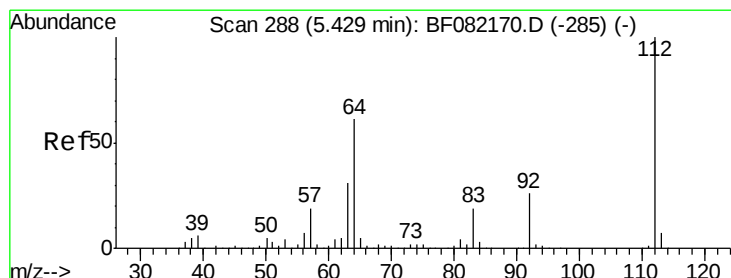
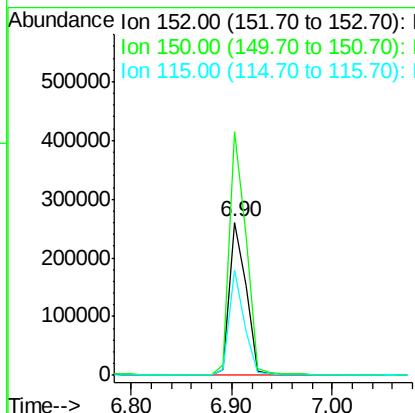
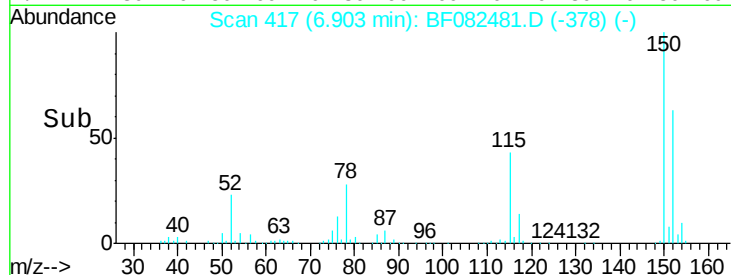
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. 0.15 min
Lab File: BF082481.D
Acq: 23 Oct 2015 22:48

Instrument :
BNA_F
ClientSampled :
PB86276BL

Tot Ion:152 Resp: 299661
Ion Ratio Lower Upper
152 100
150 159.2 129.0 193.4
115 68.7 52.1 78.1



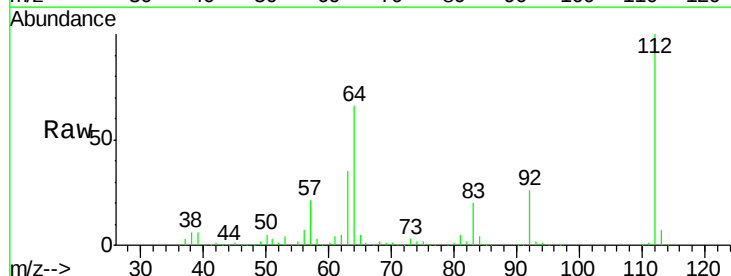
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



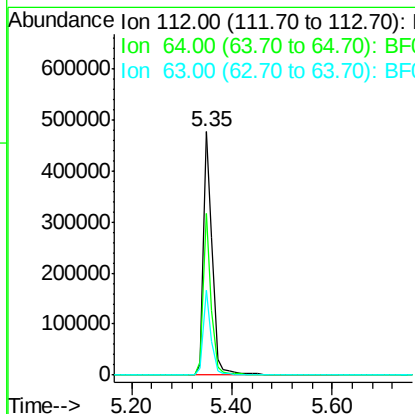
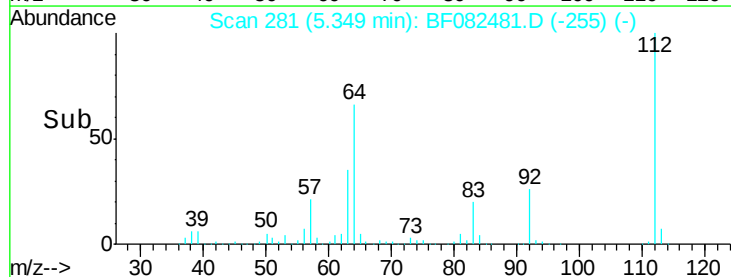
#5

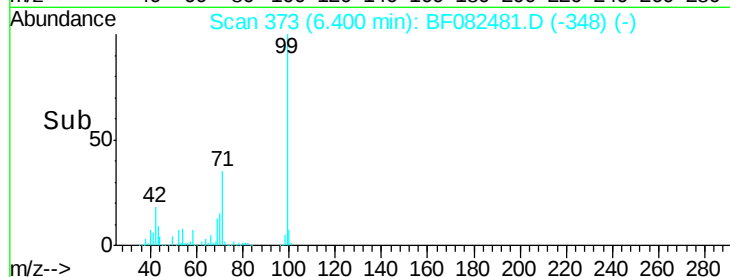
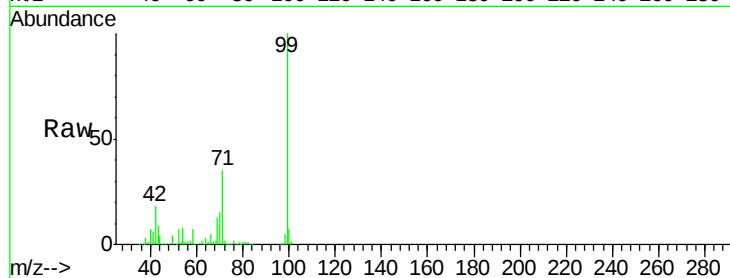
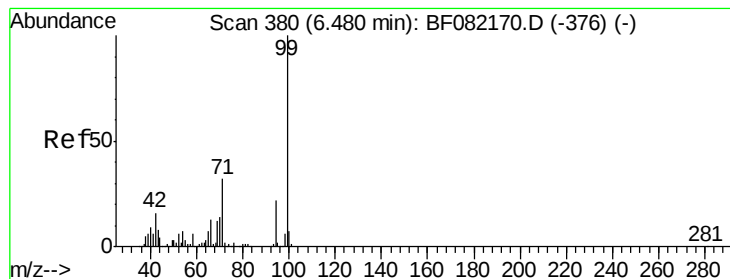
2-Fluorophenol
Concen: 39.19 ng
RT: 5.35 min Scan# 281
Delta R.T. -0.00 min
Lab File: BF082481.D
Acq: 23 Oct 2015 22:48

Tgt Ion:112 Resp: 581913
Ion Ratio Lower Upper
112 100
64 66.3 48.6 73.0
63 35.0 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: 37.35 ng

RT: 6.40 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF082481.D

Acq: 23 Oct 2015 22:48

Instrument :

BNA_F

ClientSampleId :

PB86276BL

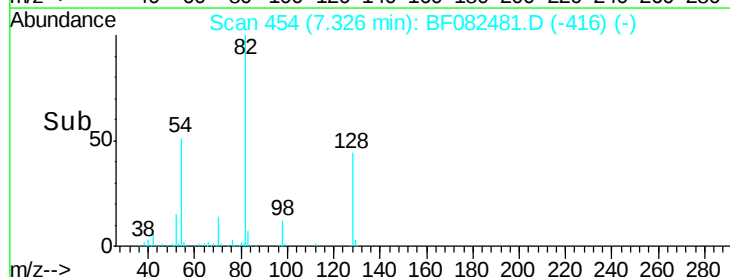
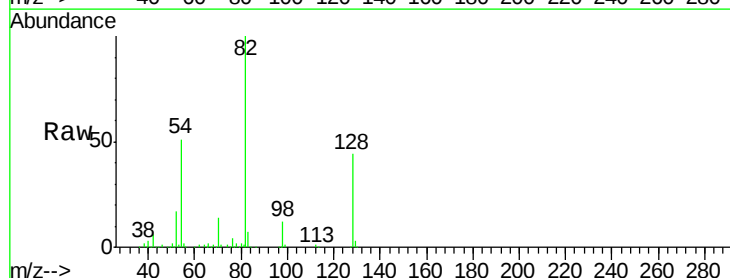
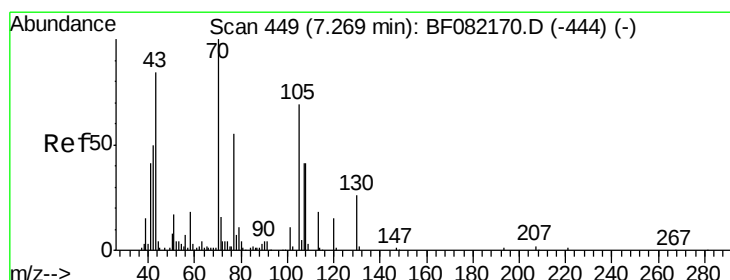
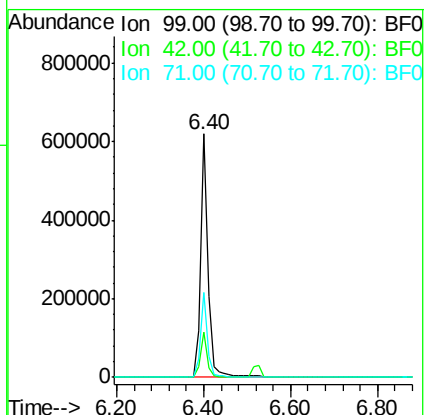
Tot Ion: 99 Resp: 721669

Ion Ratio Lower Upper

99 100

42 18.5 13.2 19.8

71 35.0 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.89 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF082481.D

Acq: 23 Oct 2015 22:48

Tgt Ion: 70 Resp: 66301

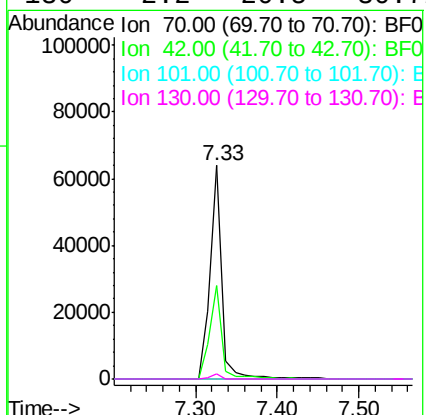
Ion Ratio Lower Upper

70 100

42 43.9 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 20.5 30.7#

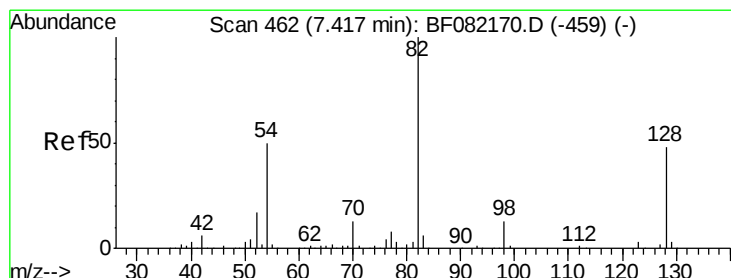
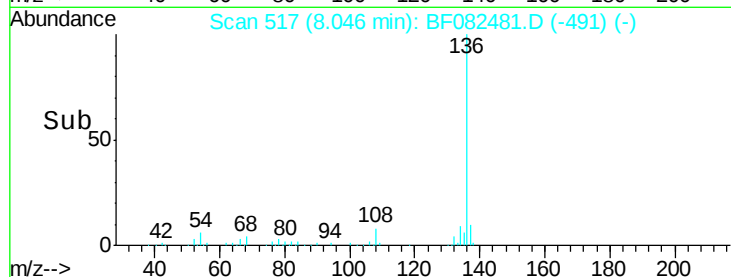
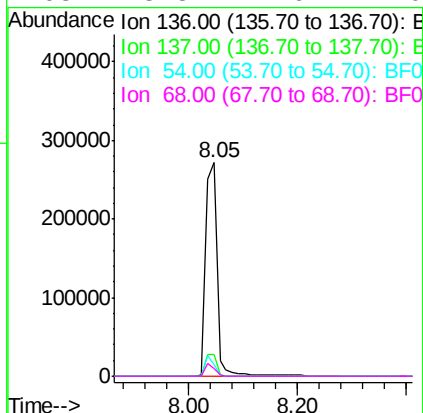
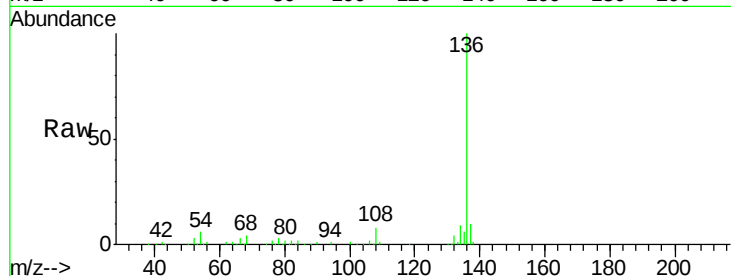




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF082481.D
Acq: 23 Oct 2015 22:48

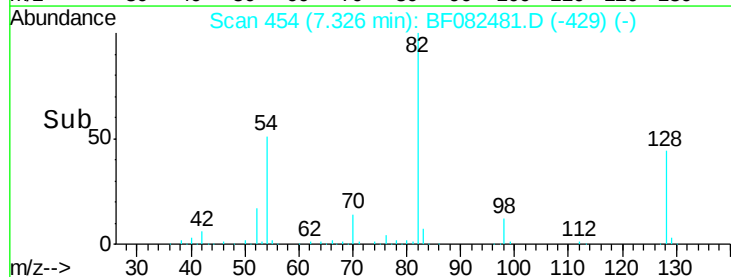
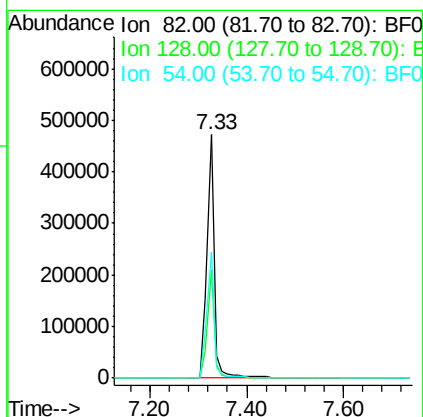
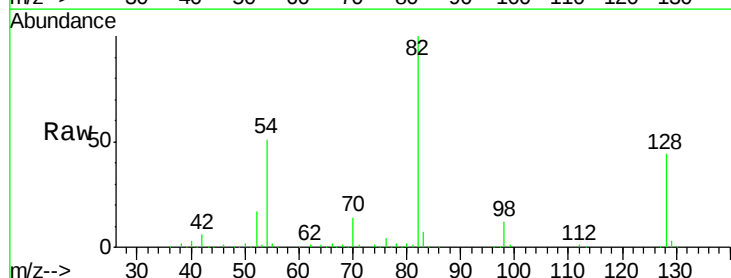
Instrument :
BNA_F
ClientSampleId :
PB86276BL

Tot Ion:136	Resp:	398795
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.0 13.6
54	5.5	7.5 11.3#
68	3.8	4.6 7.0#



#23
Nitrobenzene-d5
Concen: 84.86 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082481.D
Acq: 23 Oct 2015 22:48

Tgt Ion: 82	Resp:	503957
Ion Ratio	Lower	Upper
82	100	
128	44.3	38.7 58.1
54	51.5	40.1 60.1





#25

Isophorone

Concen: 33.02 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.26 min

Lab File: BF082481.D

Acq: 23 Oct 2015 22:48

Instrument :

BNA_F

ClientSampleId :

PB86276BL

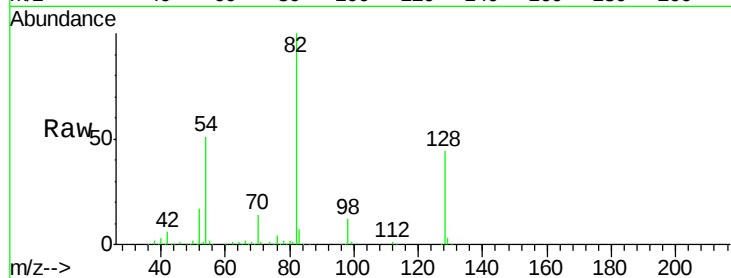
Tot Ion: 82 Resp: 395708

Ion Ratio Lower Upper

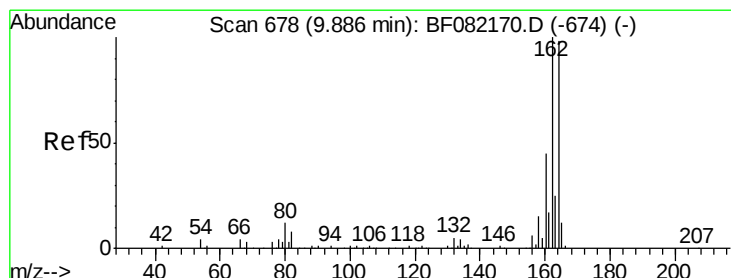
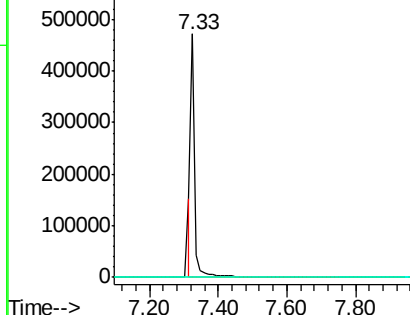
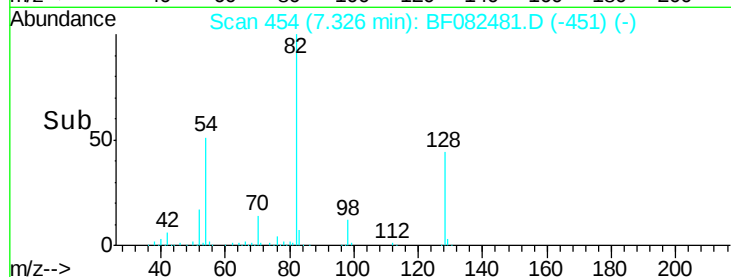
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082481.D

Acq: 23 Oct 2015 22:48

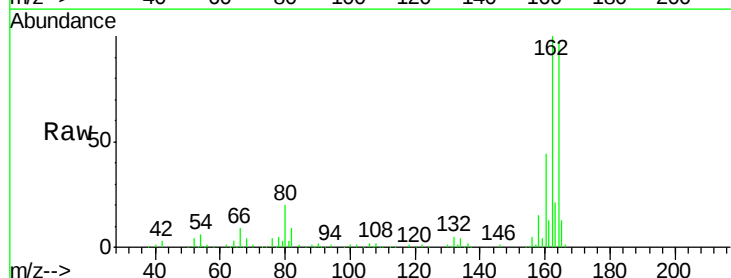
Tgt Ion: 164 Resp: 215373

Ion Ratio Lower Upper

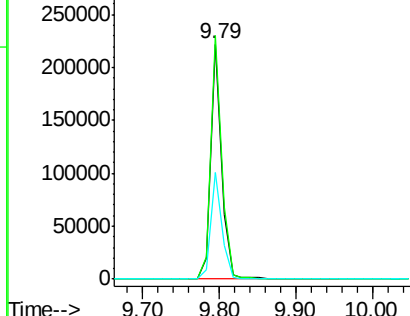
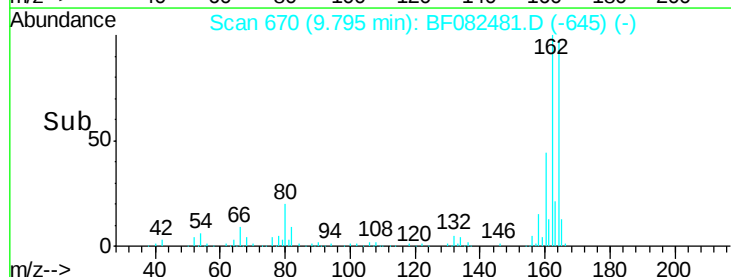
164 100

162 103.5 81.6 122.4

160 45.4 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

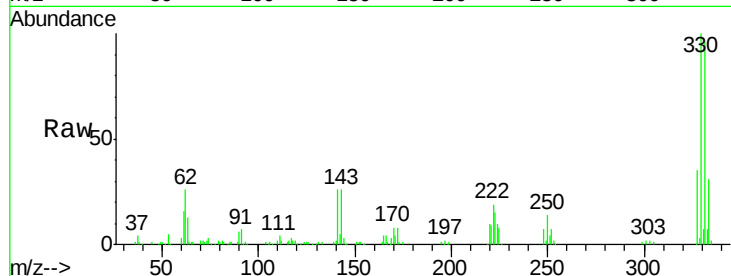




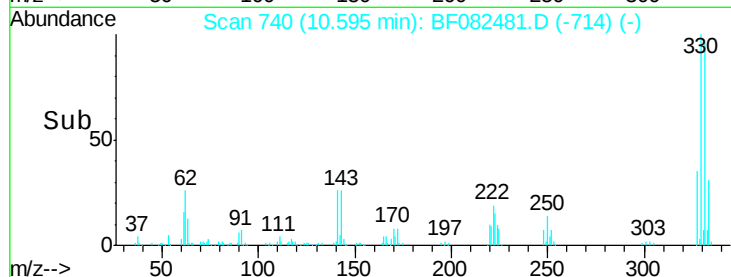
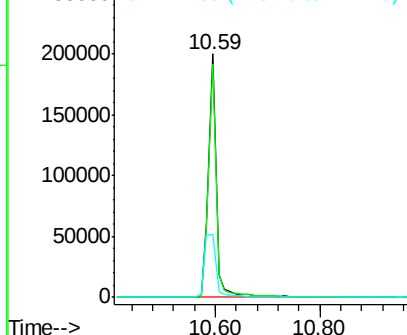
#41
 2,4,6-Tribromophenol
 Concen: 105.25 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF082481.D
 Acq: 23 Oct 2015 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BL

Tot Ion:330 Resp: 212591
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 39.0 29.8 44.8

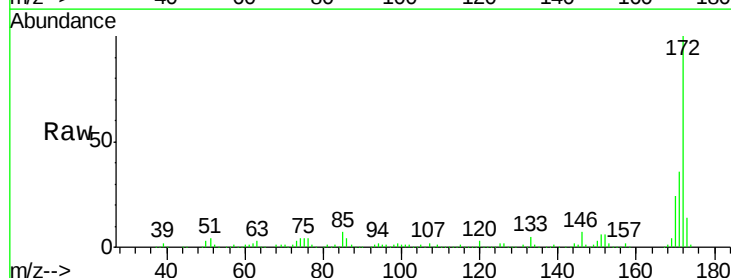


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

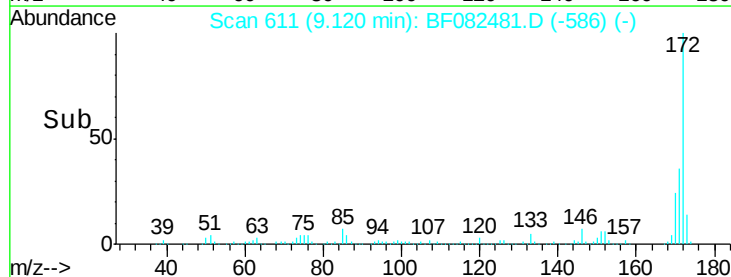
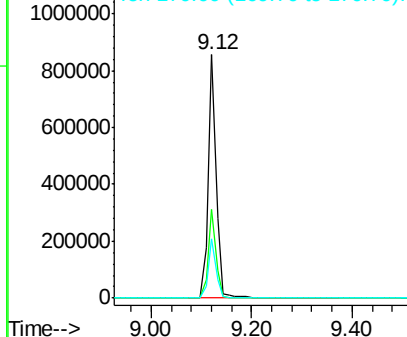


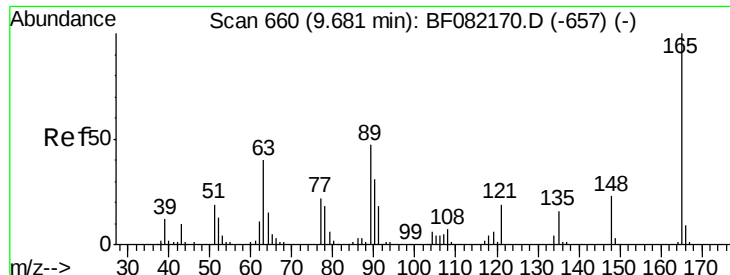
#44
 2-Fluorobiphenyl
 Concen: 73.42 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082481.D
 Acq: 23 Oct 2015 22:48

Tgt Ion:172 Resp: 953450
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 42.8
 170 24.4 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

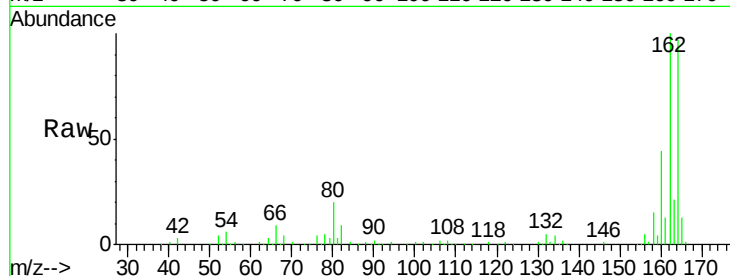




#50
 2,6-Dinitrotoluene
 Concen: 8.64 ng
 RT: 9.79 min Scan# 670
 Delta R.T. 0.19 min
 Lab File: BF082481.D
 Acq: 23 Oct 2015 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BL

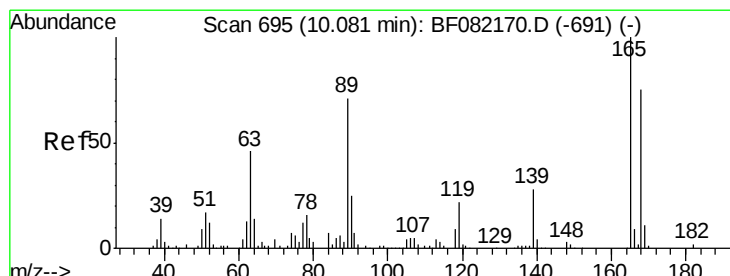
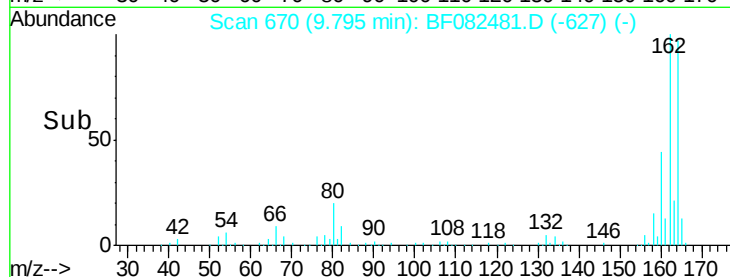
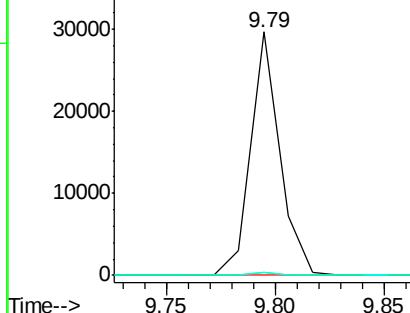
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.1	37.8	56.6#



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: 6.91 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.22 min
 Lab File: BF082481.D
 Acq: 23 Oct 2015 22:48

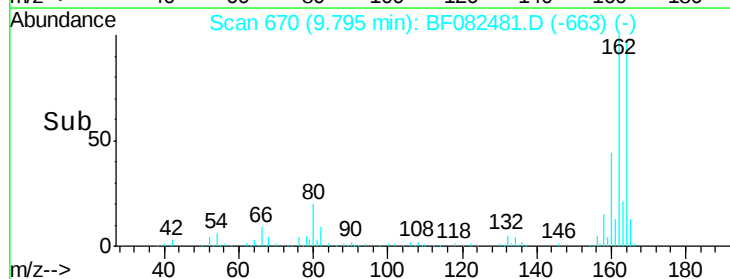
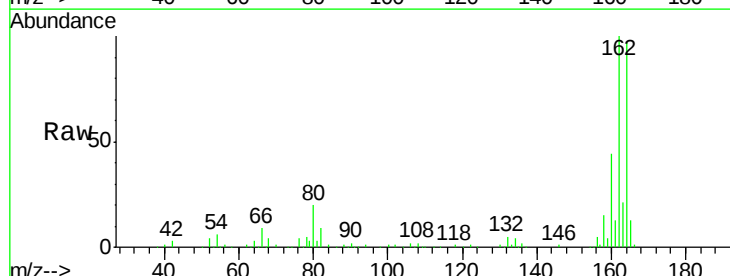
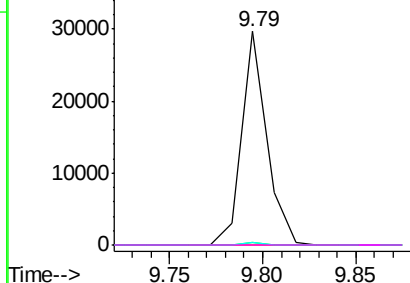
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.6	58.0#
89	1.1	57.0	85.6#
182	0.0	1.8	2.6#

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: BF082481.D

Acq: 23 Oct 2015 22:48

Instrument :

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ClientSampleId :

PB86276BL

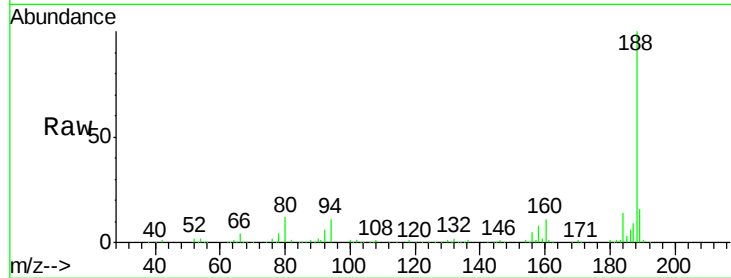
Tot Ion:188 Resp: 431307

Ion Ratio Lower Upper

188 100

94 10.9 5.8 8.6#

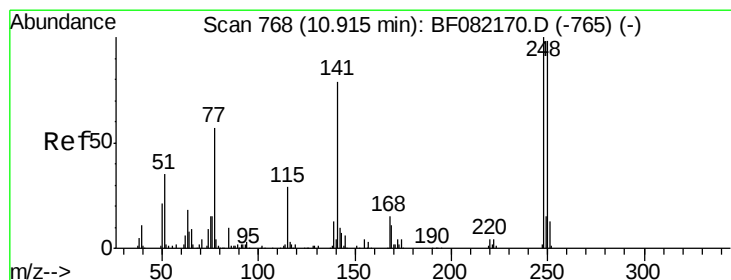
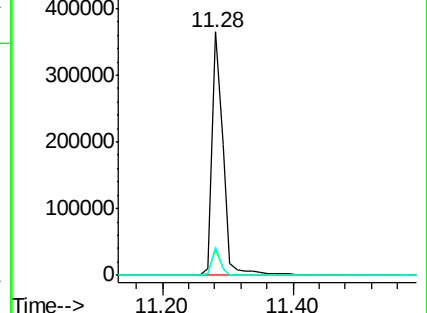
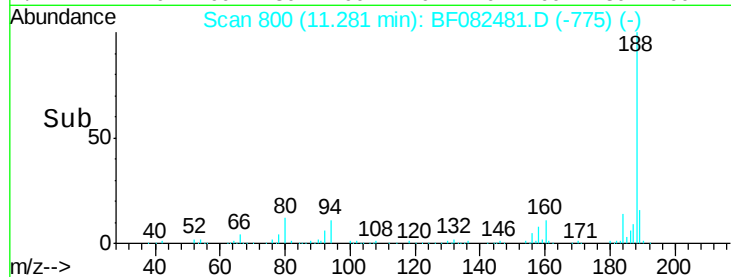
80 11.6 6.4 9.6#



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: 3.62 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.24 min

Lab File: BF082481.D

Acq: 23 Oct 2015 22:48

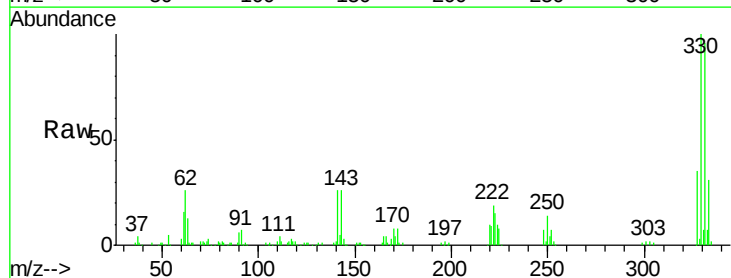
Tgt Ion:248 Resp: 15622

Ion Ratio Lower Upper

248 100

250 207.2 78.6 117.8#

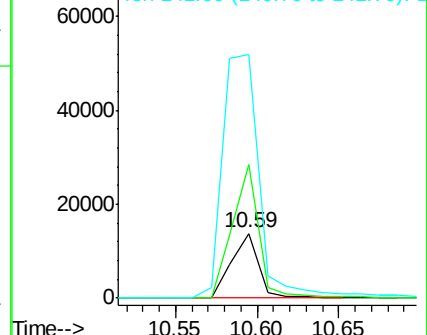
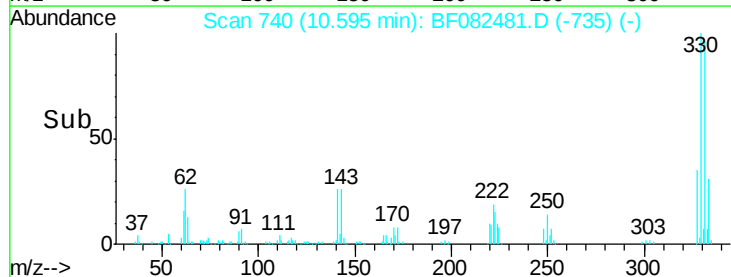
141 377.7 63.3 94.9#

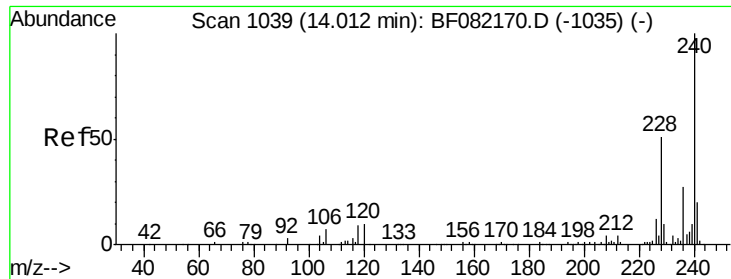


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF082481.D

Acq: 23 Oct 2015 22:48

Instrument :

BNA_F

ClientSampleId :

PB86276BL

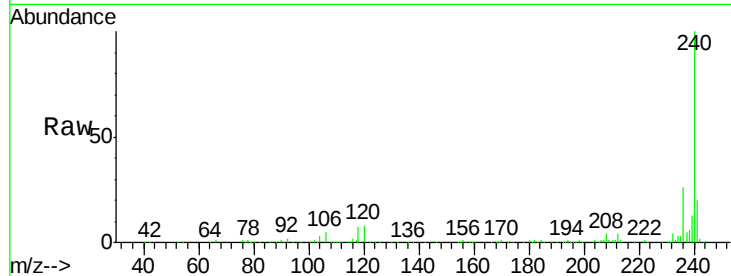
Tot Ion:240 Resp: 407802

Ion Ratio Lower Upper

240 100

120 8.0 8.1 12.1#

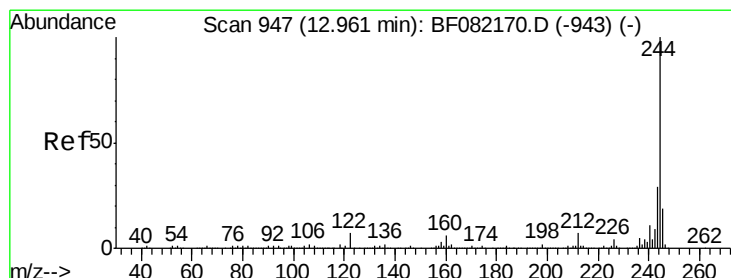
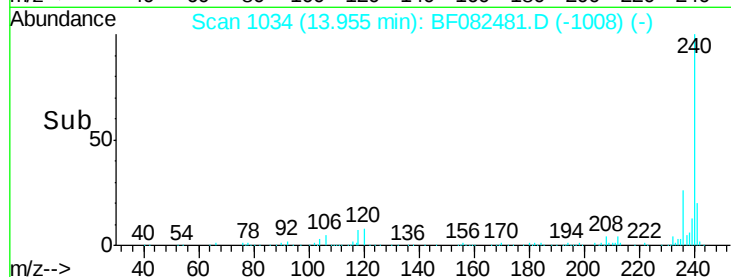
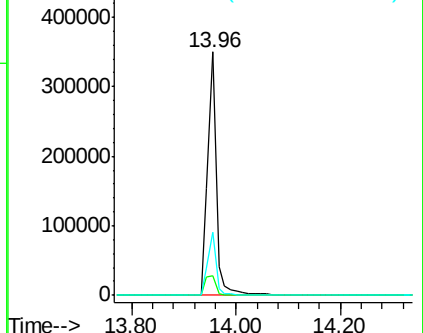
236 26.1 21.3 31.9



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: 75.76 ng

RT: 12.88 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF082481.D

Acq: 23 Oct 2015 22:48

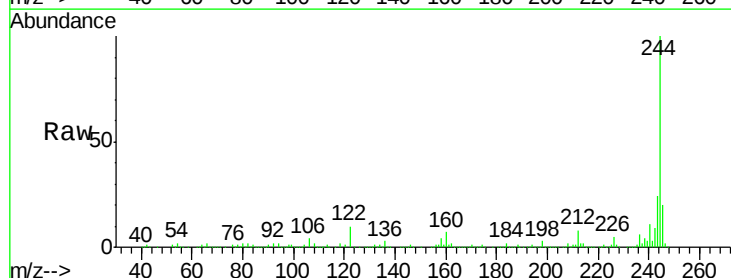
Tgt Ion:244 Resp: 1165831

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.6

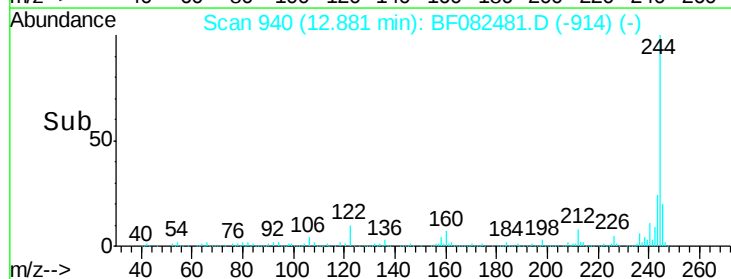
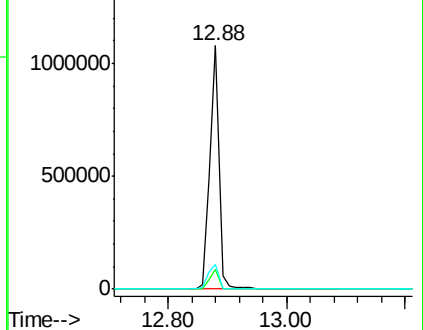
122 10.3 5.9 8.9#

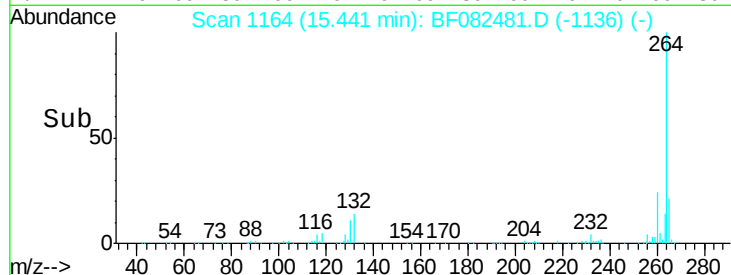
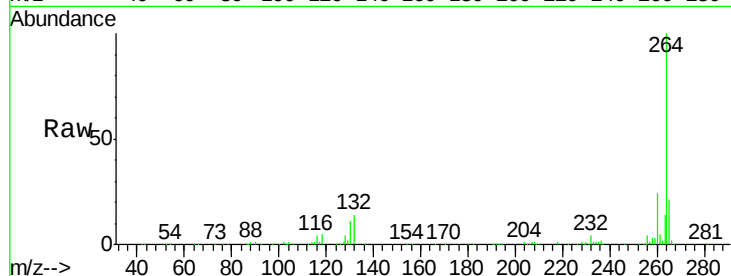
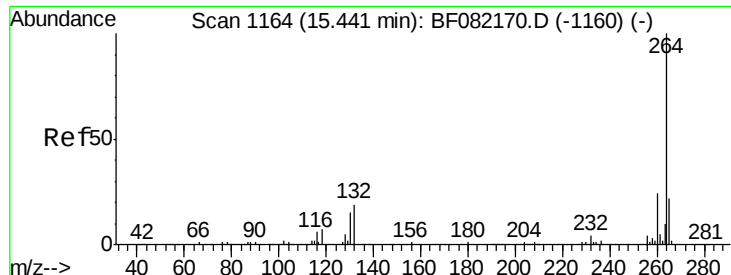


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1164
Delta R.T. 0.02 min
Lab File: BF082481.D
Acq: 23 Oct 2015 22:48

Instrument :
BNA_F
ClientSampleId :
PB86276BL

Tot Ion:	264	Resp:	325420
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.3	17.3	25.9

