

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082476.D
 Acq On : 23 Oct 2015 20:24
 Operator : UM/IZ
 Sample : PB86188BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BL

Quant Time: Oct 24 04:53:28 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

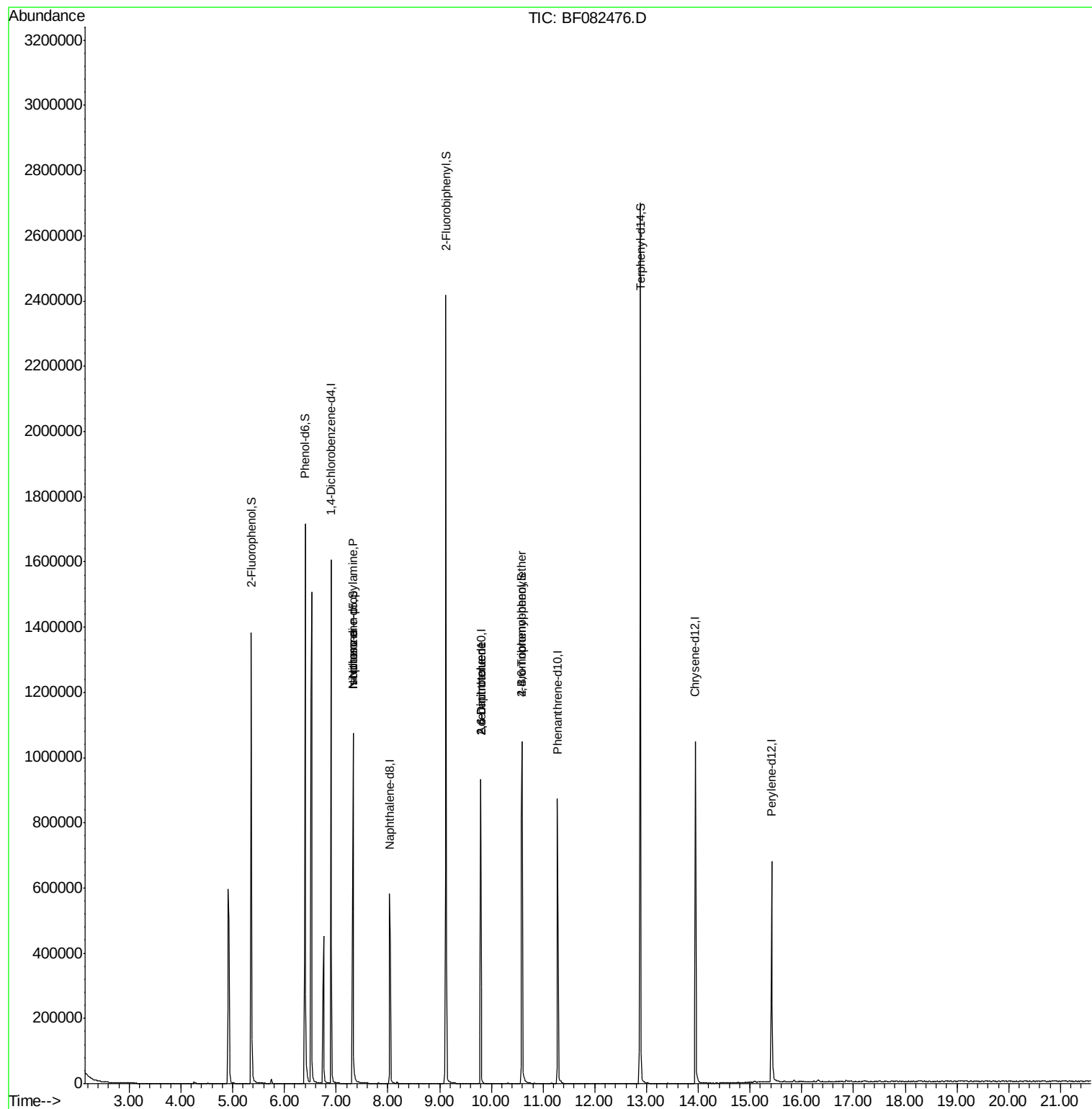
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	261967	20.00	ng	0.15
21) Naphthalene-d8	8.03	136	402533	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	215173	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	441000	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	422829	20.00	ng	-0.01
86) Perylene-d12	15.42	264	329674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	537300	41.39	ng	0.01
7) Phenol-d6	6.40	99	636398	37.68	ng	-0.01
23) Nitrobenzene-d5	7.33	82	444546	74.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	180583	89.49	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	864557	66.63	ng	-0.01
78) Terphenyl-d14	12.88	244	1067238	66.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	56608	4.77	ng	# 76
25) Isophorone	7.33	82	434520	35.92	ng	# 66
50) 2,6-Dinitrotoluene	9.79	165	28025	8.77	ng	# 32
56) 2,4-Dinitrotoluene	9.79	165	28027	7.01	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	13184	2.99	ng	# 1

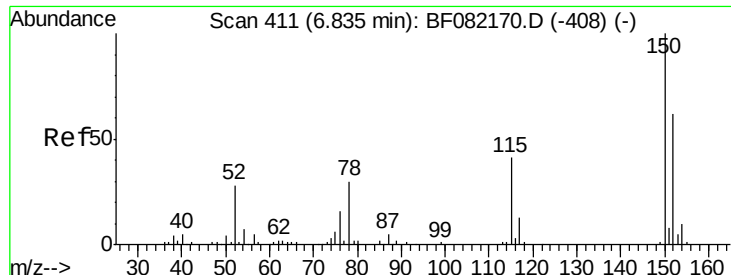
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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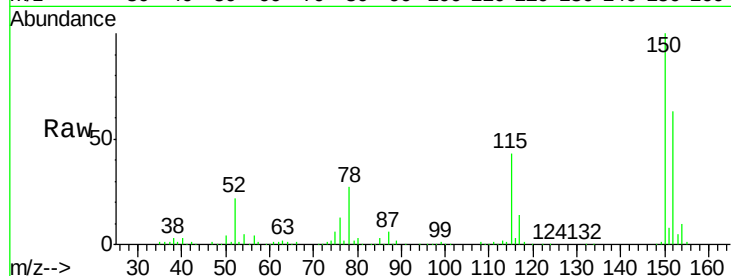


#1

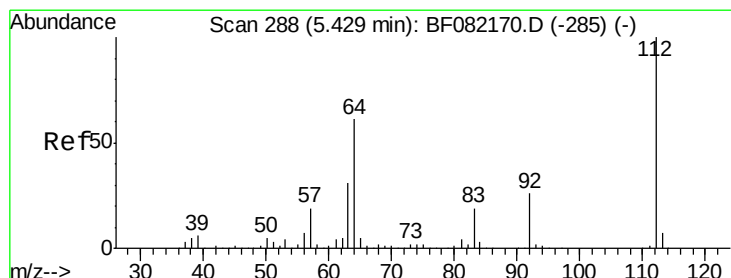
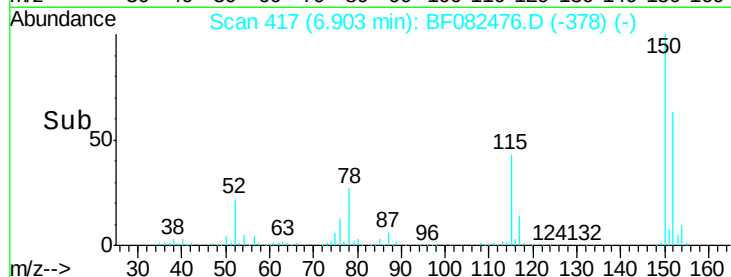
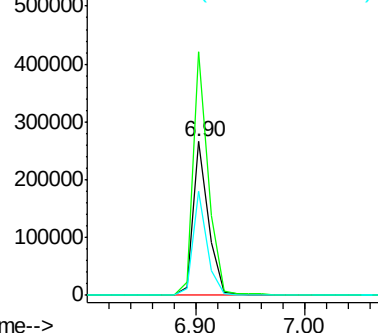
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. 0.15 min
Lab File: BF082476.D
Acq: 23 Oct 2015 20:24

Instrument :
BNA_F
ClientSampled :
PB86188BL

Tot Ion:152 Resp: 261967
Ion Ratio Lower Upper
152 100
150 158.4 129.0 193.4
115 67.4 52.1 78.1



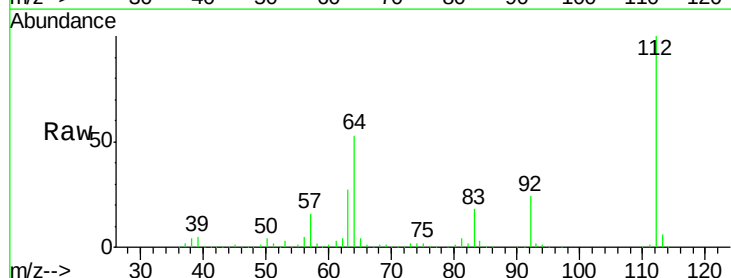
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



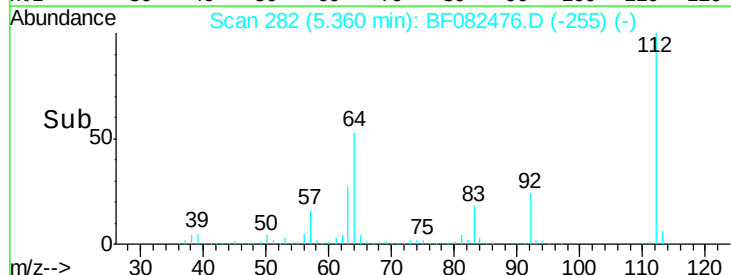
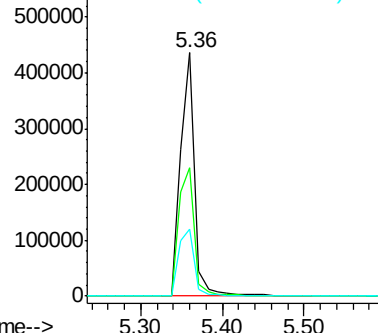
#5

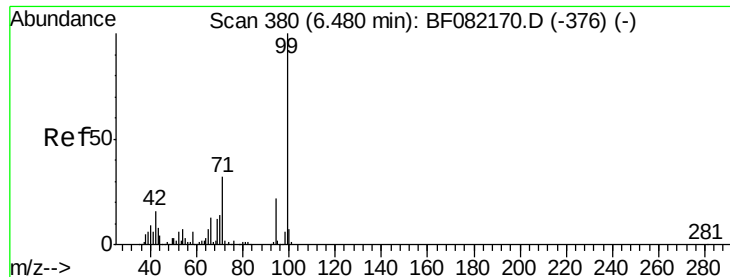
2-Fluorophenol
Concen: 41.39 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082476.D
Acq: 23 Oct 2015 20:24

Tgt Ion:112 Resp: 537300
Ion Ratio Lower Upper
112 100
64 52.7 48.6 73.0
63 27.5 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: 37.68 ng

RT: 6.40 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF082476.D

Acq: 23 Oct 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB86188BL

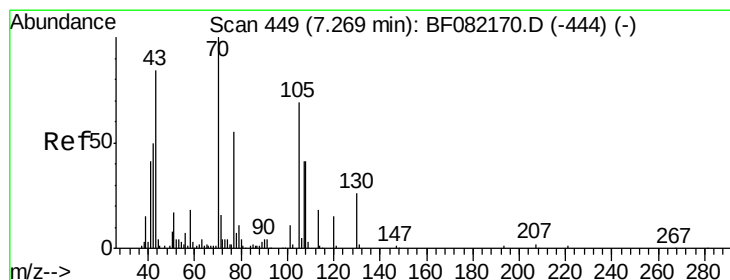
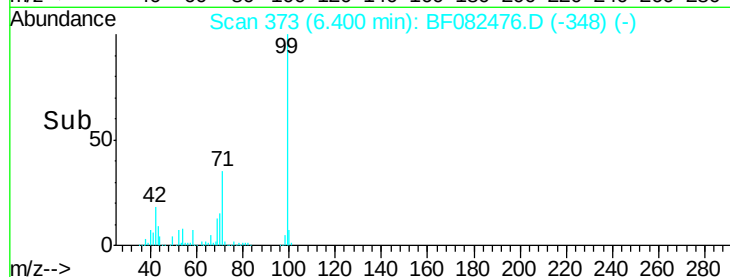
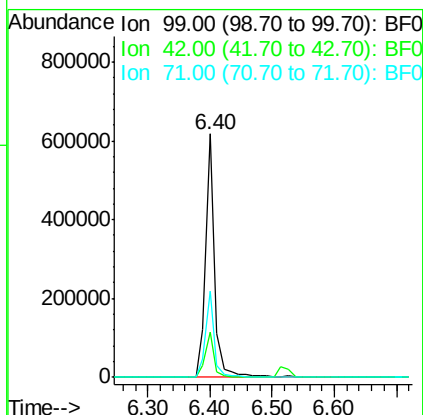
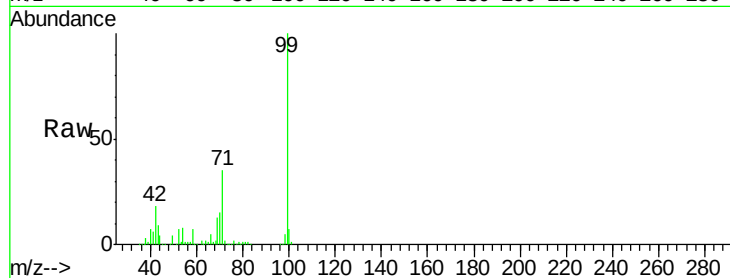
Tot Ion: 99 Resp: 636398

Ion Ratio Lower Upper

99 100

42 18.4 13.2 19.8

71 35.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.77 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF082476.D

Acq: 23 Oct 2015 20:24

Tgt Ion: 70 Resp: 56608

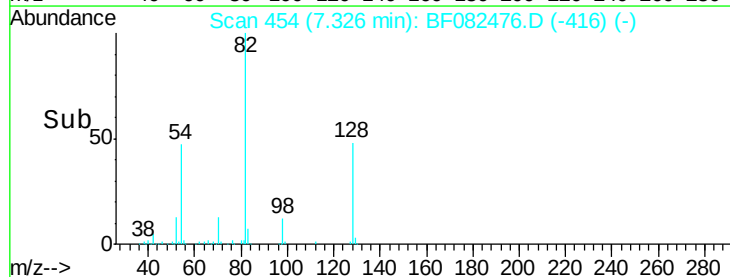
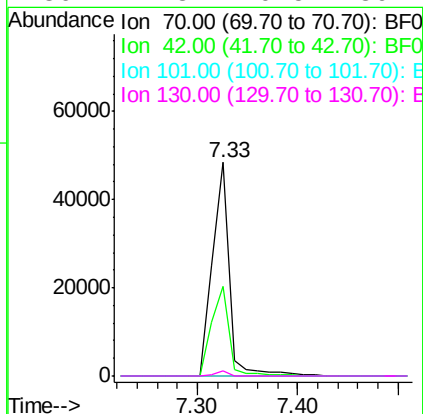
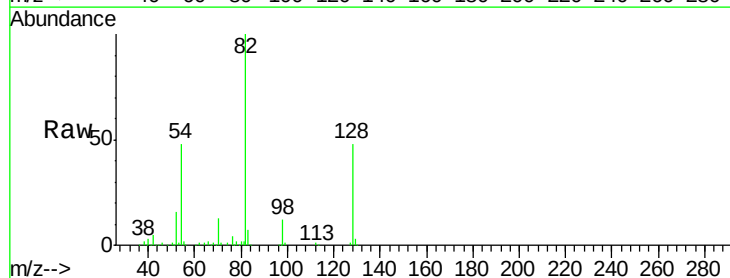
Ion Ratio Lower Upper

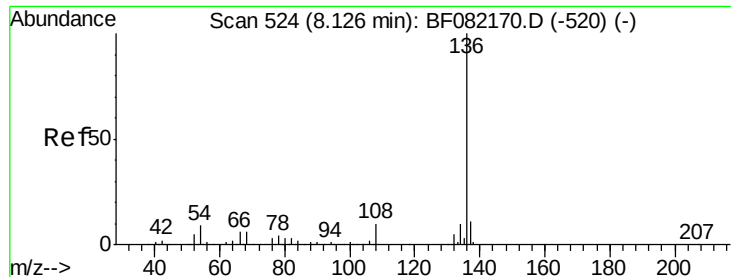
70 100

42 41.9 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: BF082476.D

Acq: 23 Oct 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB86188BL

Tot Ion:136 Resp: 402533

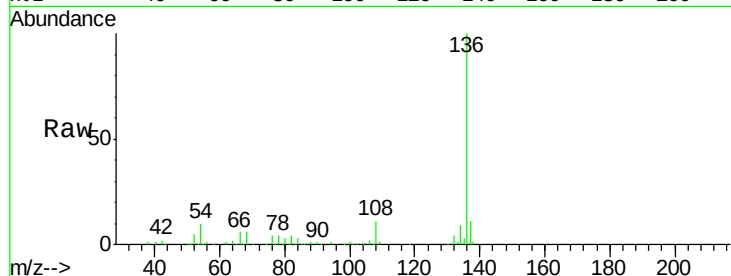
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 10.0 7.5 11.3

68 6.3 4.6 7.0

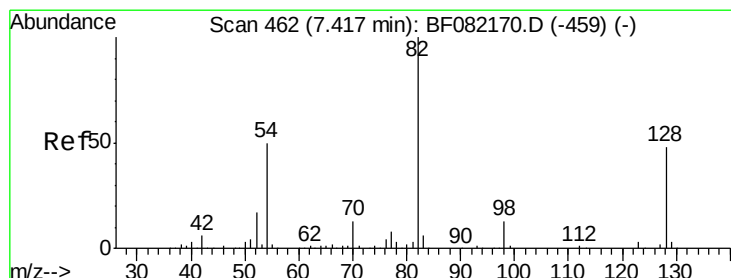
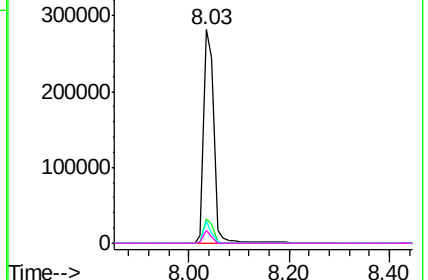
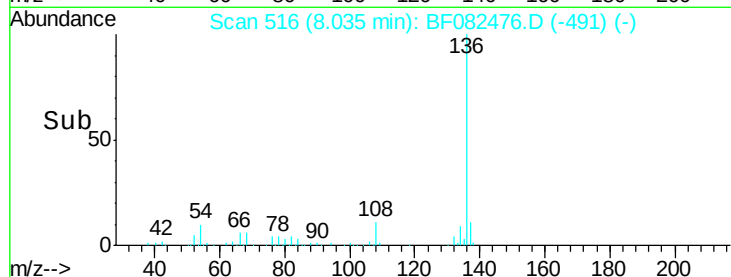


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.16 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF082476.D

Acq: 23 Oct 2015 20:24

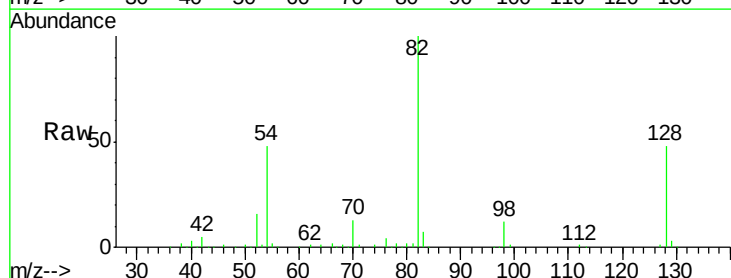
Tgt Ion: 82 Resp: 444546

Ion Ratio Lower Upper

82 100

128 47.8 38.7 58.1

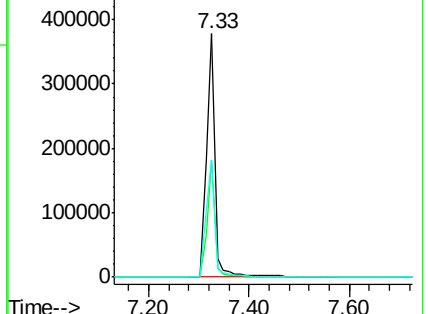
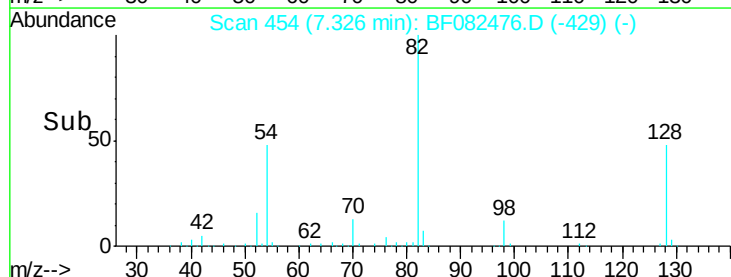
54 48.2 40.1 60.1

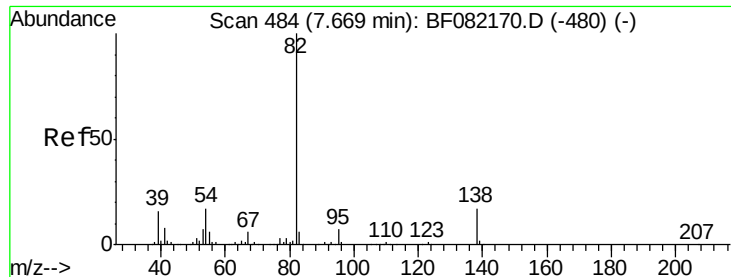


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.92 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.26 min

Lab File: BF082476.D

Acq: 23 Oct 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB86188BL

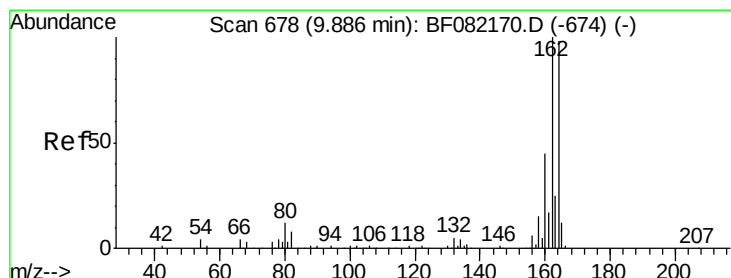
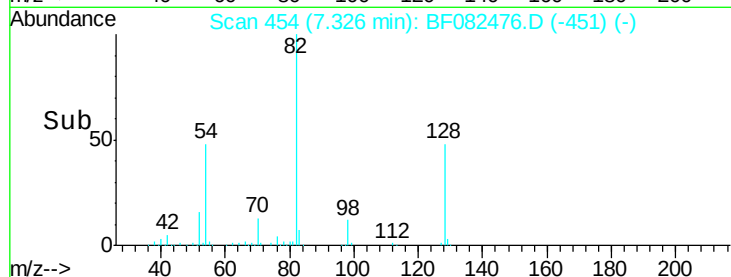
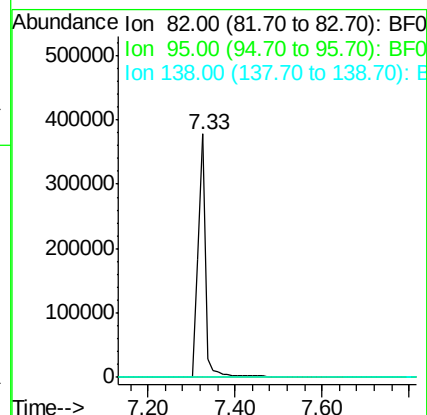
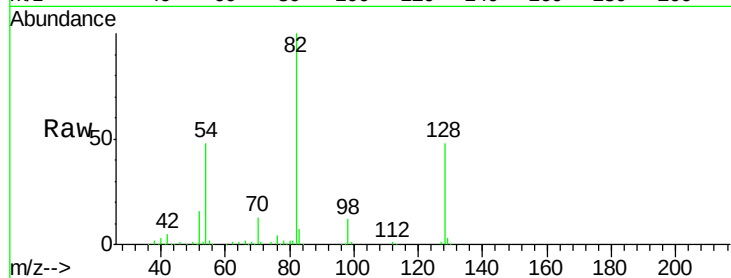
Tot Ion: 82 Resp: 434520

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082476.D

Acq: 23 Oct 2015 20:24

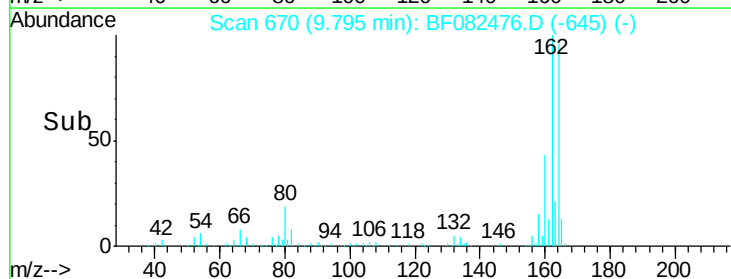
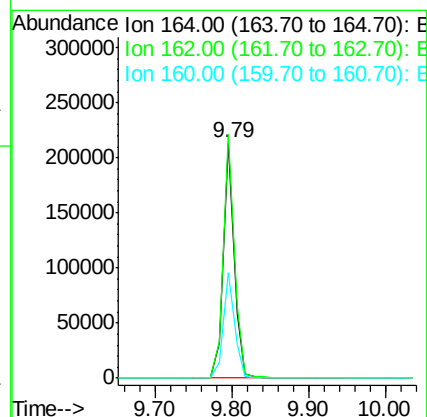
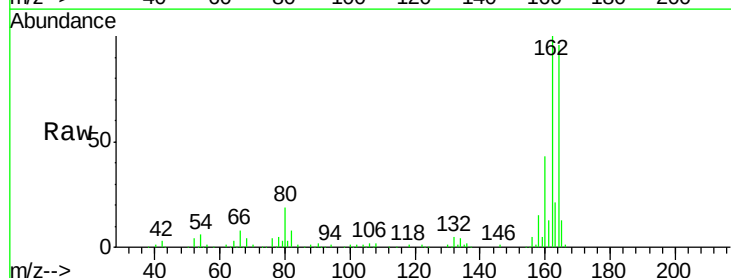
Tgt Ion: 164 Resp: 215173

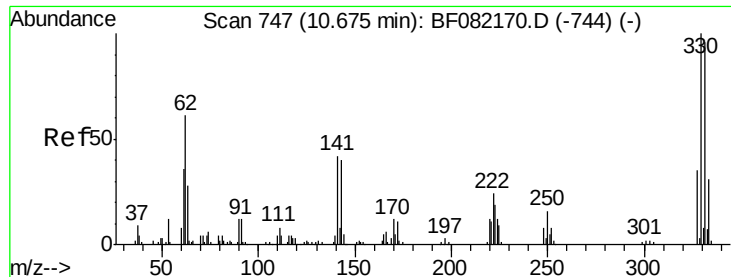
Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

160 44.9 36.4 54.6

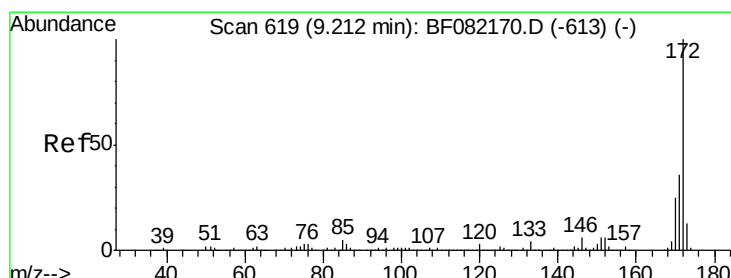
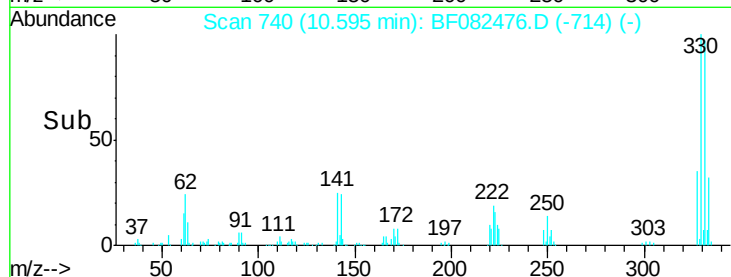
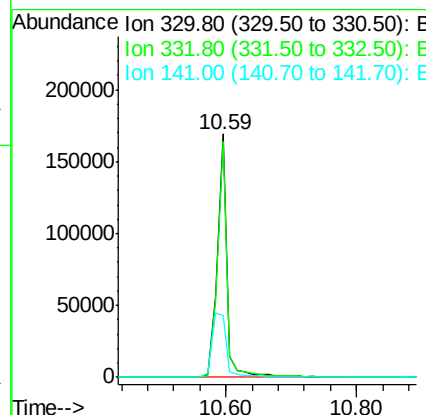
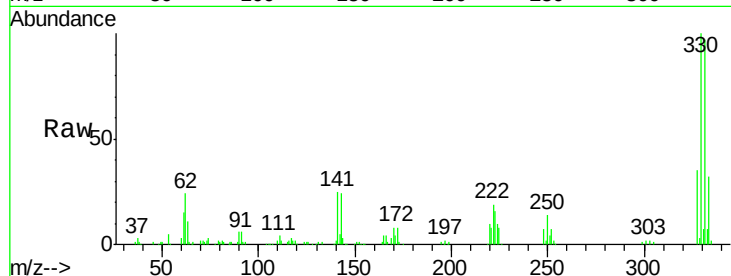




#41
 2,4,6-Tribromophenol
 Concen: 89.49 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF082476.D
 Acq: 23 Oct 2015 20:24

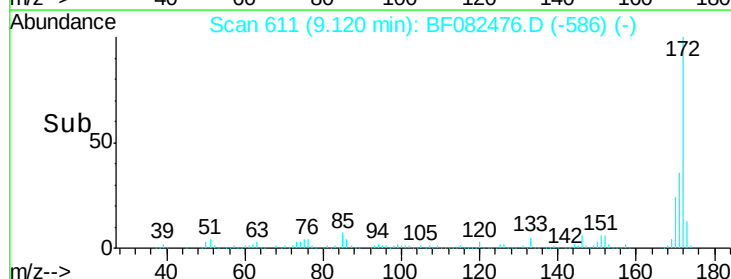
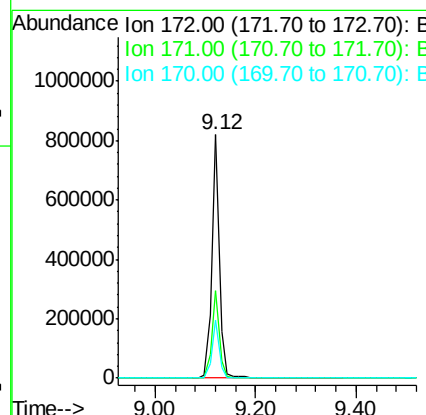
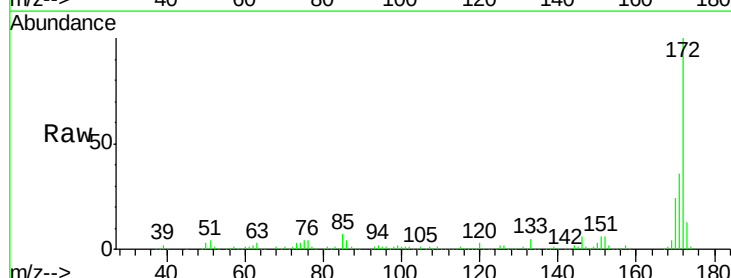
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 BNA_F
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 PB86188BL

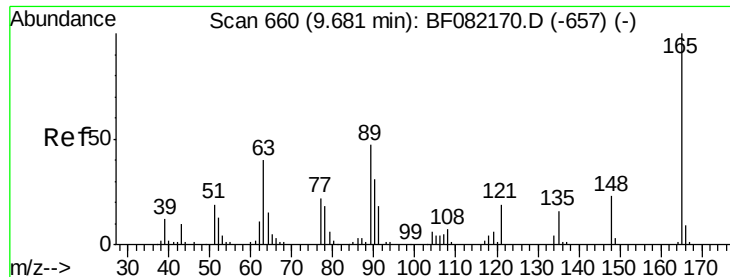
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	38.8	29.8	44.8



#44
 2-Fluorobiphenyl
 Concen: 66.63 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082476.D
 Acq: 23 Oct 2015 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.8	19.7	29.5

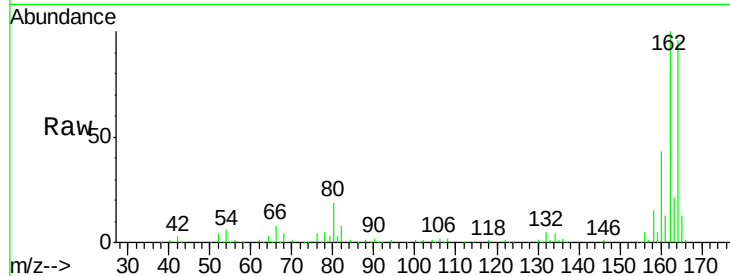




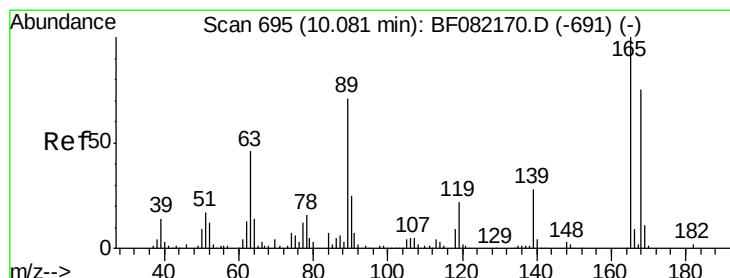
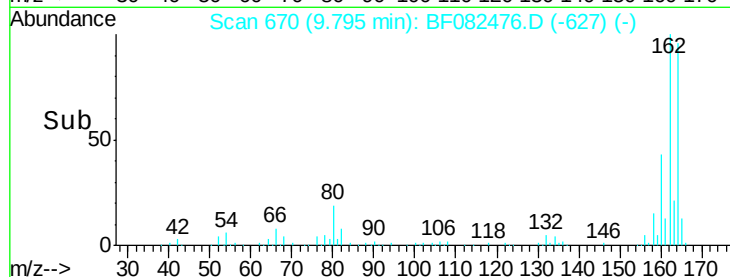
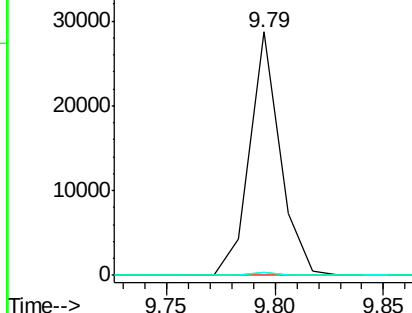
#50
 2,6-Dinitrotoluene
 Concen: 8.77 ng
 RT: 9.79 min Scan# 670
 Delta R.T. 0.19 min
 Lab File: BF082476.D
 Acq: 23 Oct 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.2	37.8	56.6#

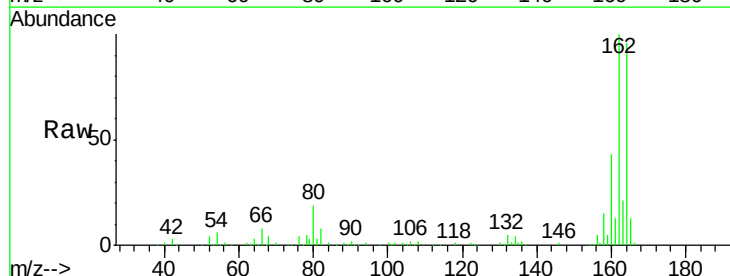


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

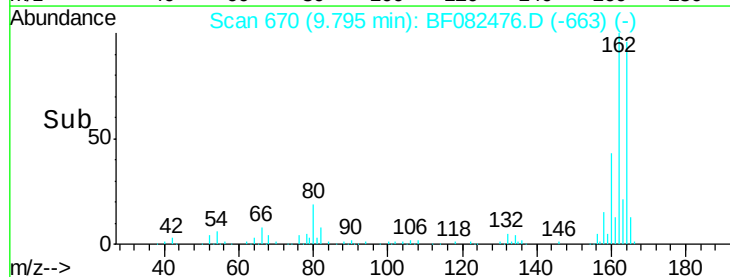
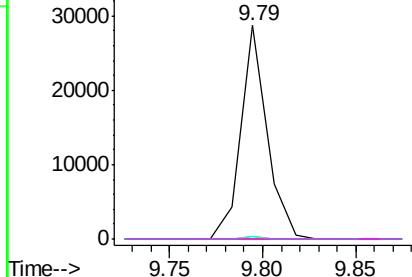


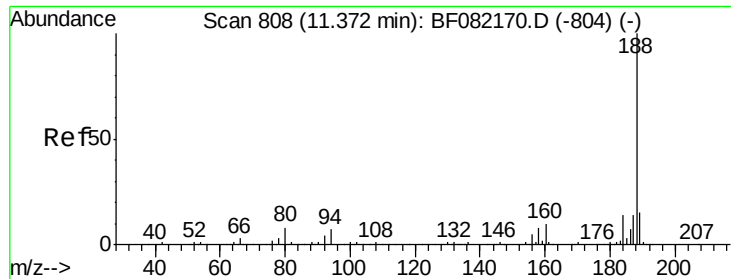
#56
 2,4-Dinitrotoluene
 Concen: 7.01 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.22 min
 Lab File: BF082476.D
 Acq: 23 Oct 2015 20:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.6	58.0#
89	1.2	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: BF082476.D

Acq: 23 Oct 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB86188BL

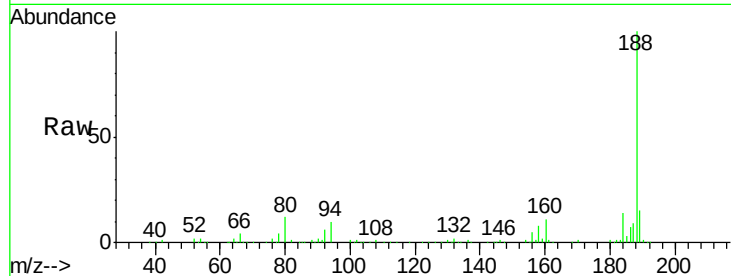
Tot Ion:188 Resp: 441000

Ion Ratio Lower Upper

188 100

94 10.4 5.8 8.6#

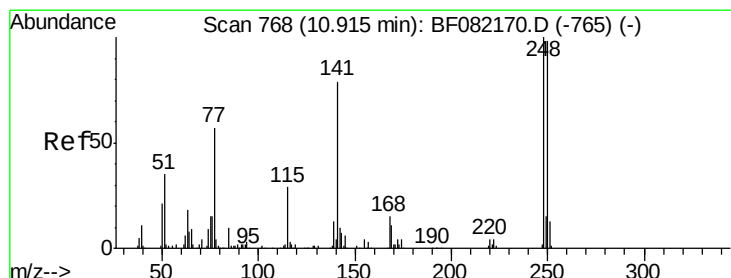
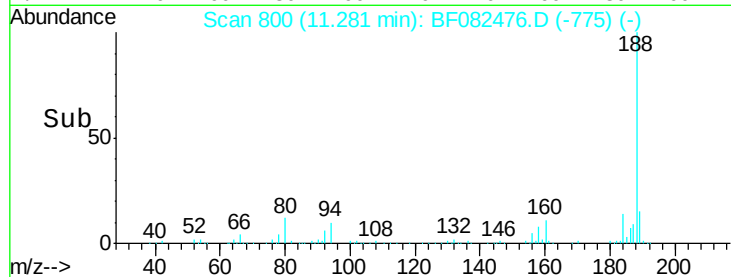
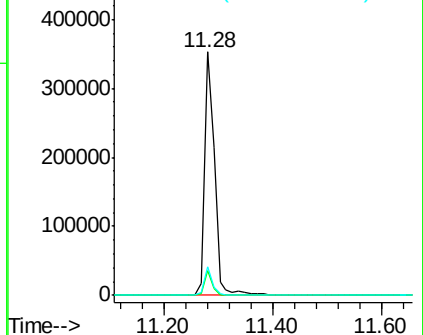
80 11.6 6.4 9.6#



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: 2.99 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.24 min

Lab File: BF082476.D

Acq: 23 Oct 2015 20:24

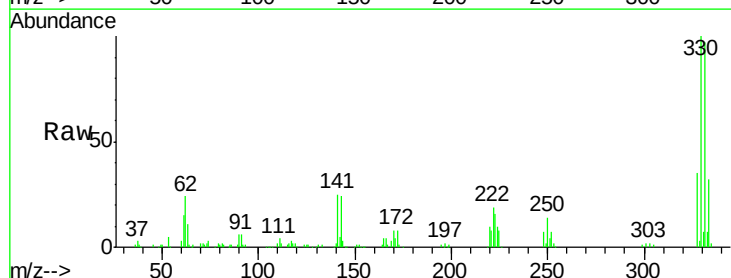
Tgt Ion:248 Resp: 13184

Ion Ratio Lower Upper

248 100

250 202.4 78.6 117.8#

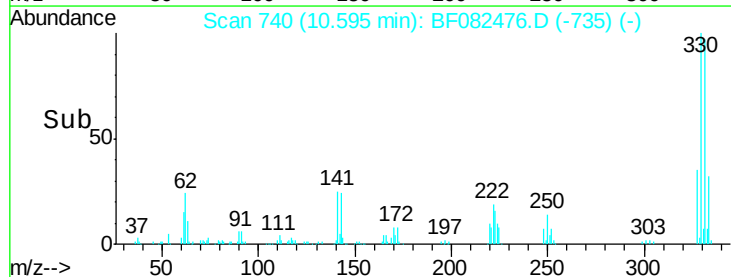
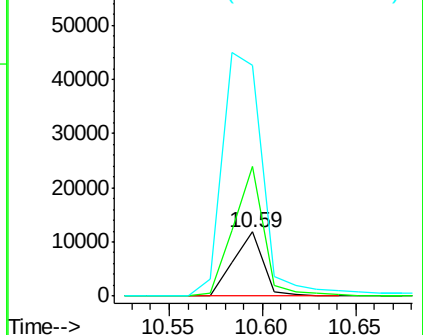
141 361.2 63.3 94.9#

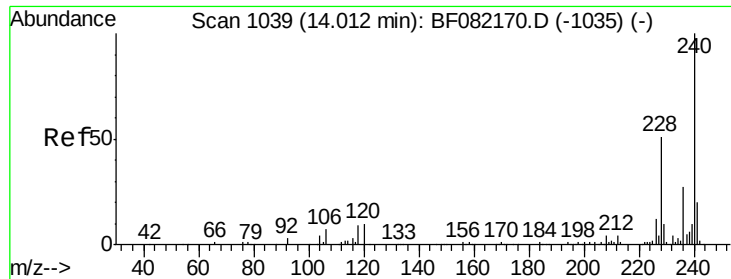


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF082476.D

Acq: 23 Oct 2015 20:24

Instrument :

BNA_F

ClientSampled :

PB86188BL

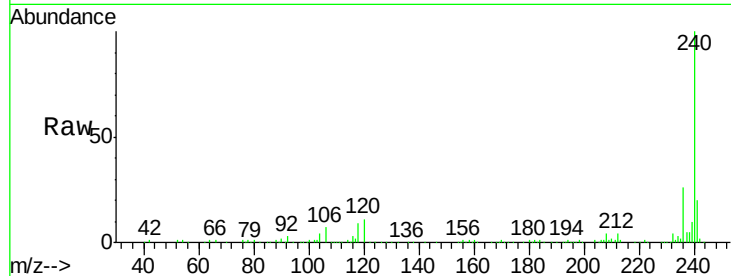
Tot Ion:240 Resp: 422829

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

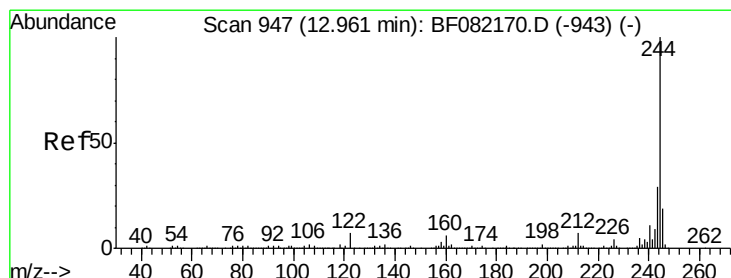
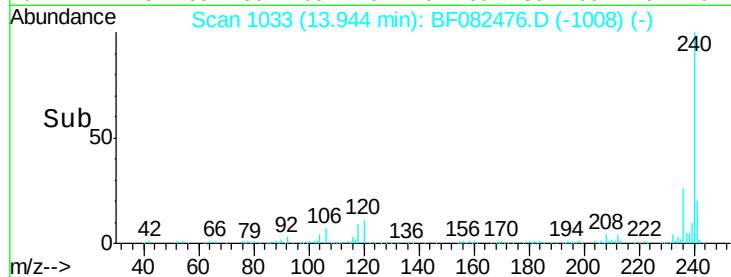
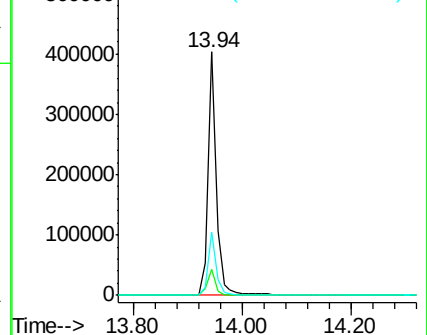
236 26.0 21.3 31.9



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: 66.89 ng

RT: 12.88 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF082476.D

Acq: 23 Oct 2015 20:24

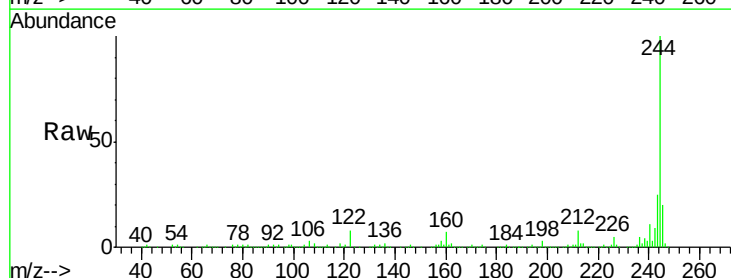
Tgt Ion:244 Resp: 1067238

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

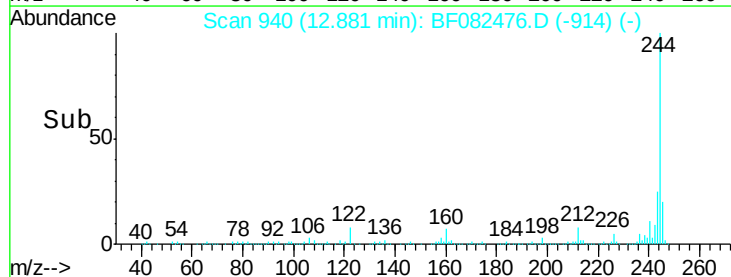
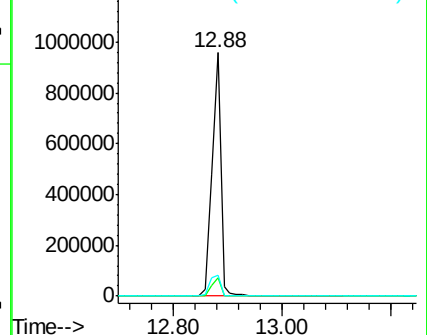
122 8.4 5.9 8.9

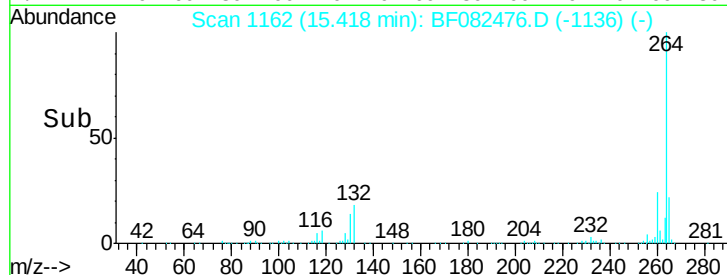
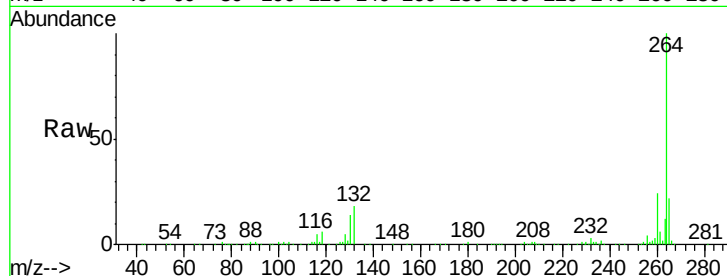
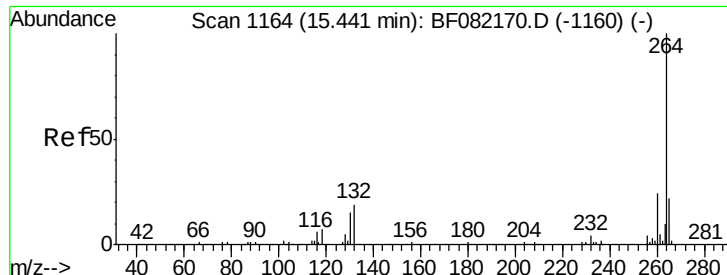


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF082476.D
Acq: 23 Oct 2015 20:24

Instrument :
BNA_F
ClientSampleId :
PB86188BL

Tot Ion:	264	Resp:	329674
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.8	17.3	25.9

