

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
 Data File : BF082561.D
 Acq On : 27 Oct 2015 22:11
 Operator : UM/IZ
 Sample : G4157-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Oct 28 00:08:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

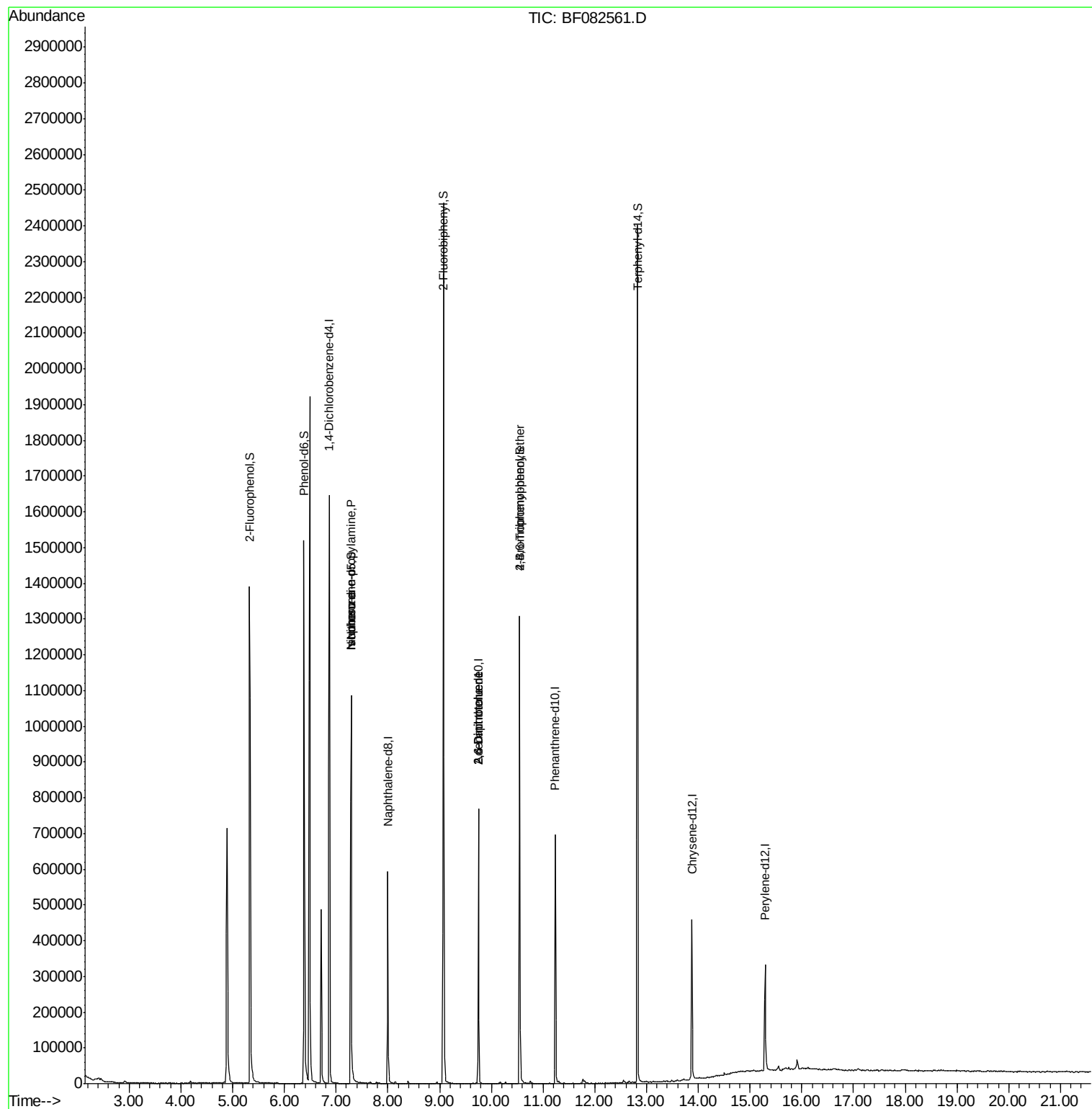
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	332493	20.00	ng	0.14
21) Naphthalene-d8	8.00	136	316095	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	159705	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	276418	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	177877	20.00	ng	-0.03
86) Perylene-d12	15.29	264	166724	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	583375	34.64	ng	0.01
7) Phenol-d6	6.38	99	647255	29.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	508807	103.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	178189	149.00	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	948729	94.46	ng	-0.02
78) Terphenyl-d14	12.82	244	800591	129.67	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	66904	4.68	ng	# 75
25) Isophorone	7.29	82	496714	51.03	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	20461	8.40	ng	# 37
56) 2,4-Dinitrotoluene	9.75	165	20461	6.92	ng	# 10
66) 4-Bromophenyl-phenylether	10.55	248	14083	5.43	ng	# 1

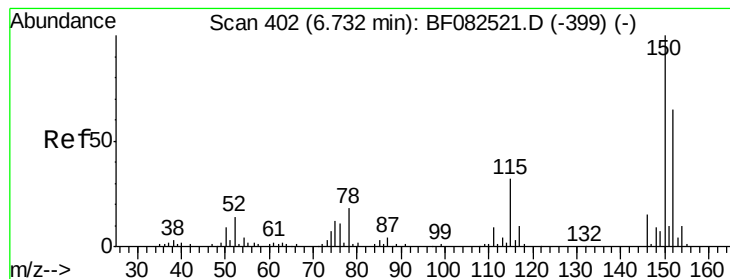
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. 0.14 min

Lab File: BF082561.D

Acq: 27 Oct 2015 22:11

Instrument :

BNA_F

ClientSampleId :

SB-2

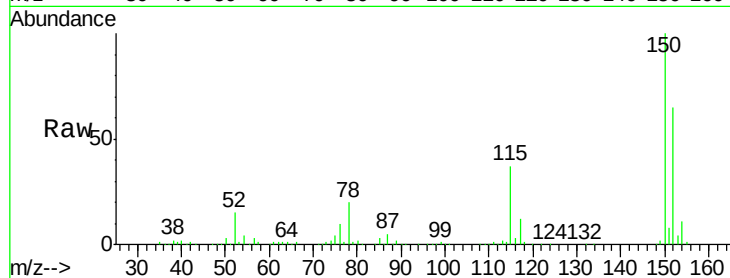
Tgt Ion:152 Resp: 332493

Ion Ratio Lower Upper

152 100

150 153.5 123.4 185.0

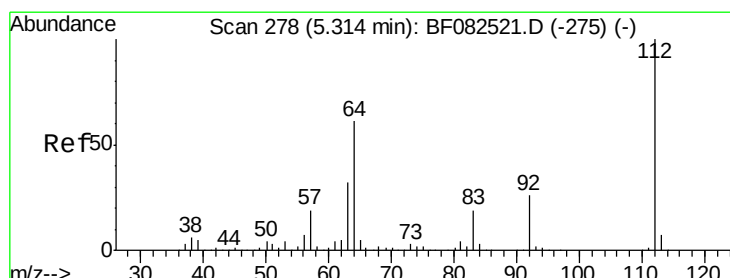
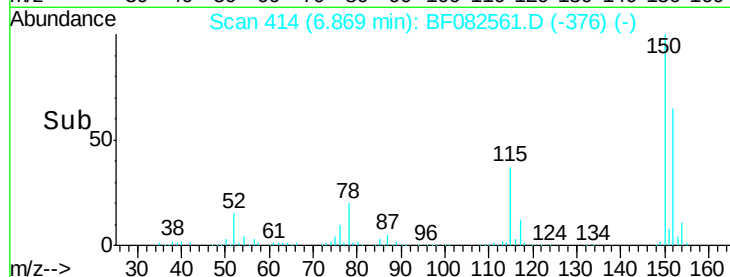
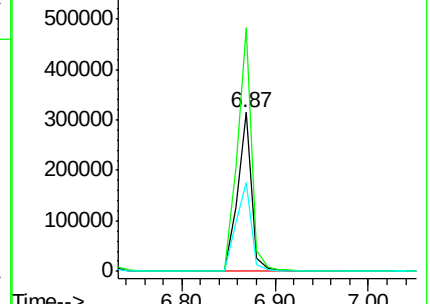
115 56.3 39.0 58.4



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: 34.64 ng

RT: 5.33 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF082561.D

Acq: 27 Oct 2015 22:11

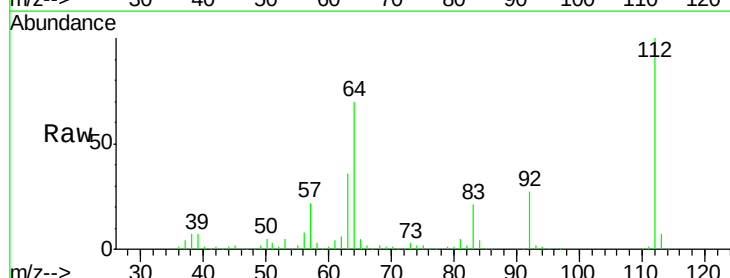
Tgt Ion:112 Resp: 583375

Ion Ratio Lower Upper

112 100

64 69.9 49.0 73.4

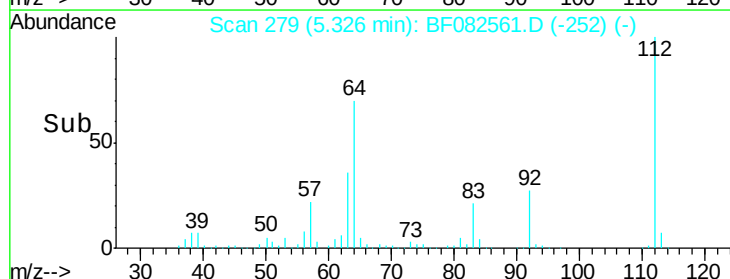
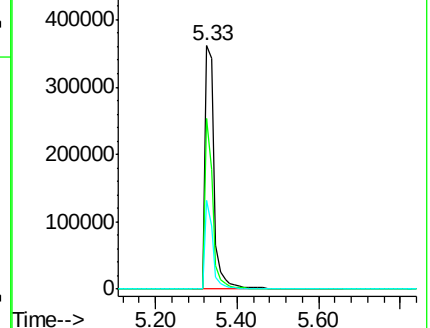
63 36.5 25.8 38.6

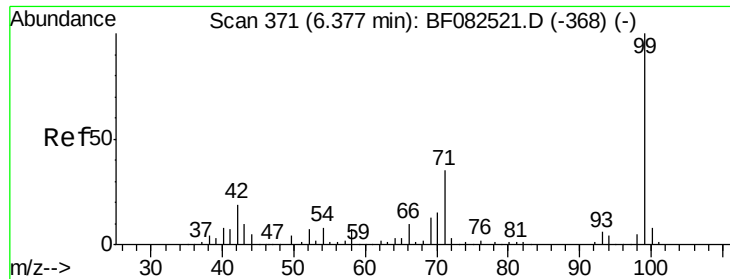


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.49 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082561.D

Acq: 27 Oct 2015 22:11

Instrument :

BNA_F

ClientSampleId :

SB-2

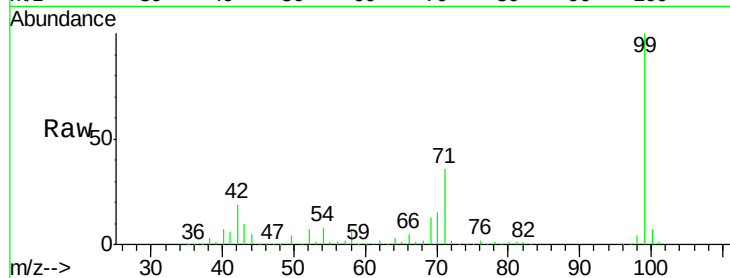
Tgt Ion: 99 Resp: 647255

Ion Ratio Lower Upper

99 100

42 19.1 15.1 22.7

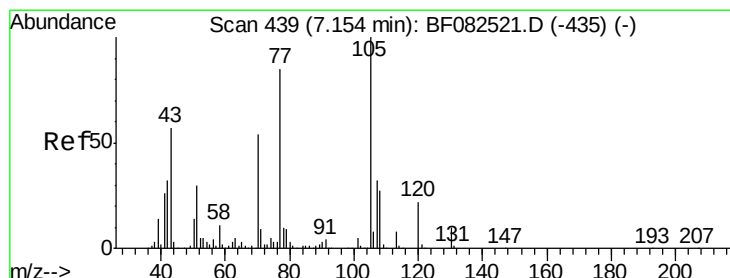
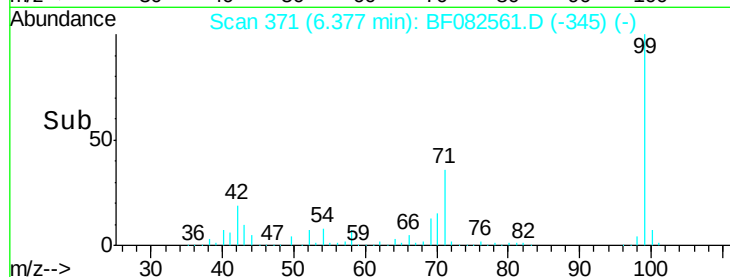
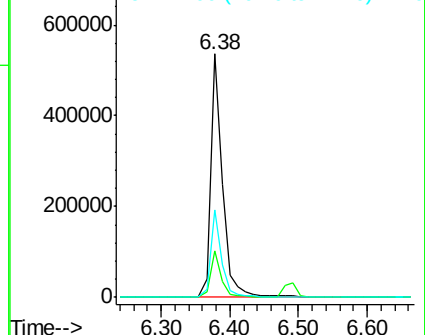
71 35.7 28.2 42.2



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: 4.68 ng

RT: 7.29 min Scan# 451

Delta R.T. 0.14 min

Lab File: BF082561.D

Acq: 27 Oct 2015 22:11

Tgt Ion: 70 Resp: 66904

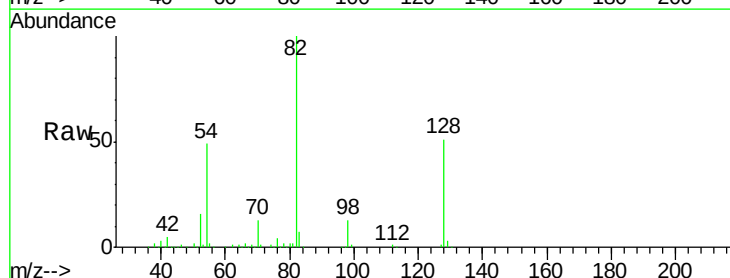
Ion Ratio Lower Upper

70 100

42 42.0 46.9 70.3#

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#

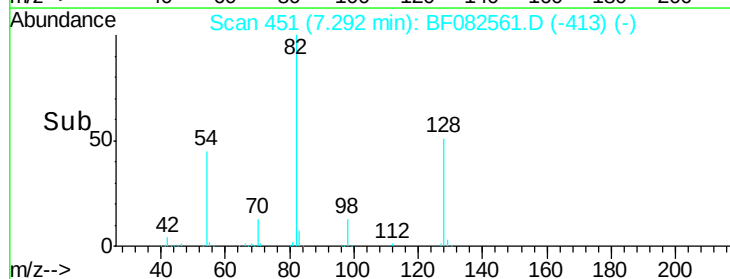
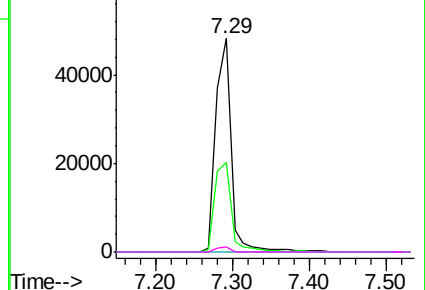


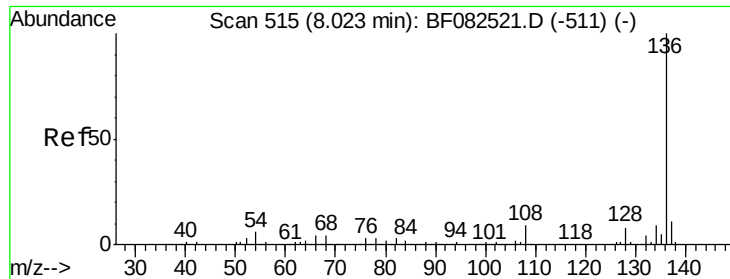
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

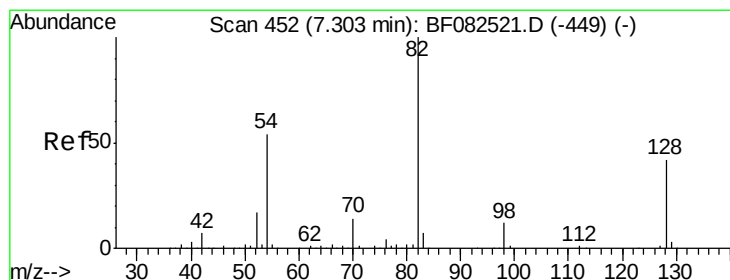
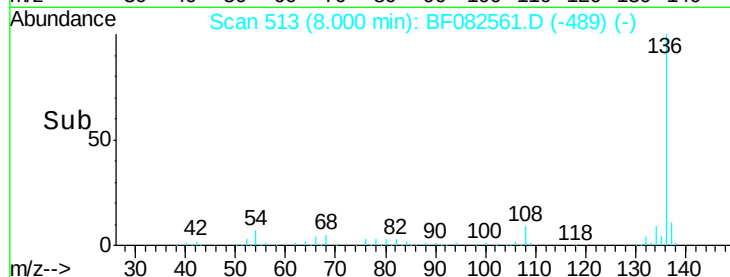
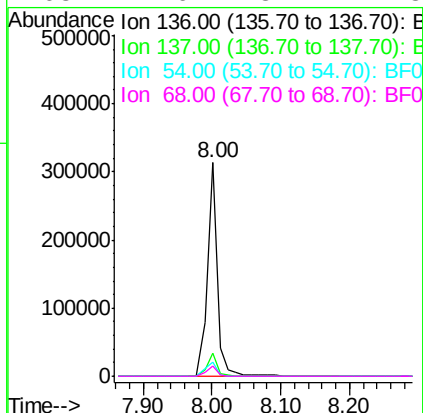
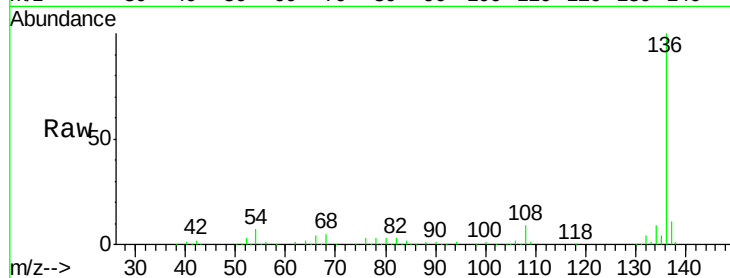




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082561.D
Acq: 27 Oct 2015 22:11

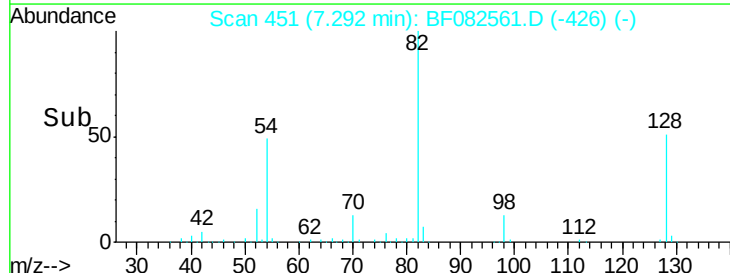
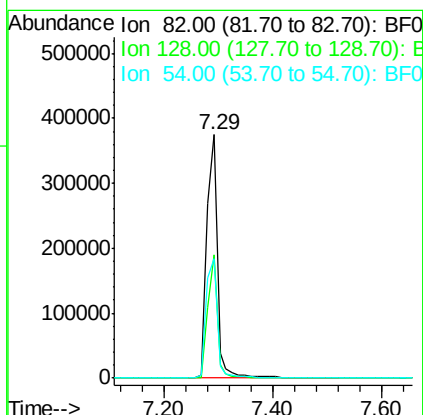
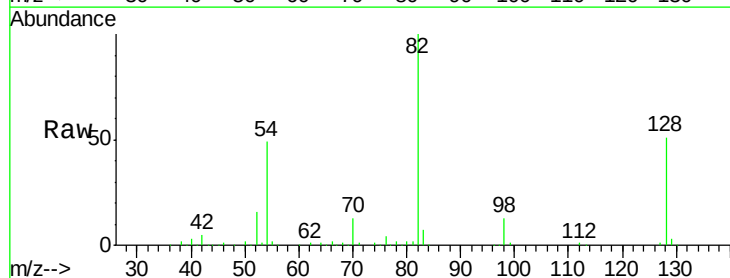
Instrument :
BNA_F
ClientSampleID :
SB-2

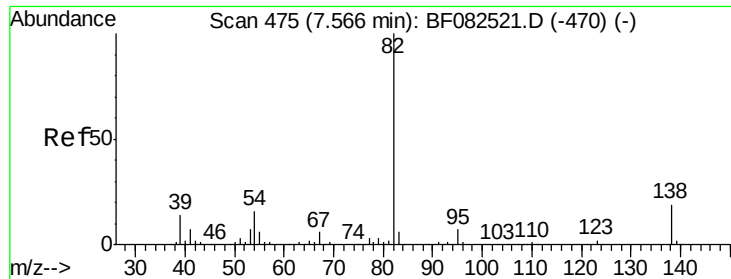
Tgt Ion:	136	Resp:	316095
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.8	4.6	7.0
68	4.6	3.2	4.8



#23
Nitrobenzene-d5
Concen: 103.84 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082561.D
Acq: 27 Oct 2015 22:11

Tgt Ion:	82	Resp:	508807
Ion	Ratio	Lower	Upper
82	100		
128	50.7	33.4	50.0#
54	48.9	43.5	65.3





#25

Isophorone

Concen: 51.03 ng

RT: 7.29 min Scan# 451

Delta R.T. -0.27 min

Lab File: BF082561.D

Acq: 27 Oct 2015 22:11

Instrument :

BNA_F

ClientSampled :

SB-2

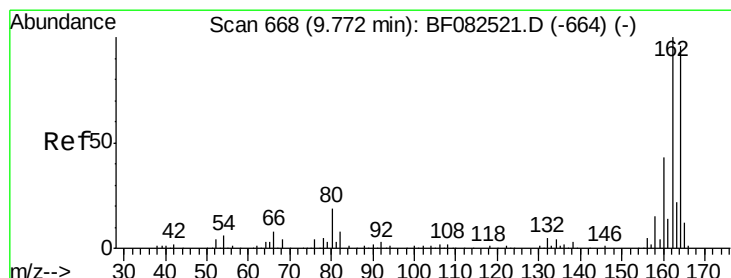
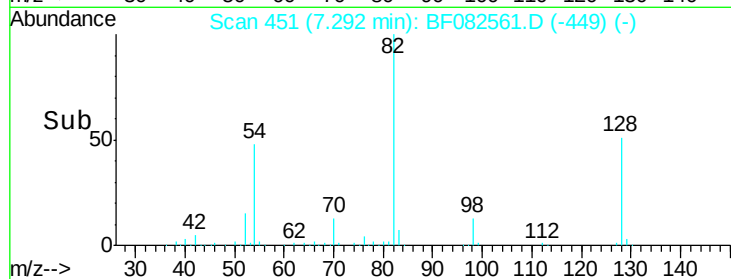
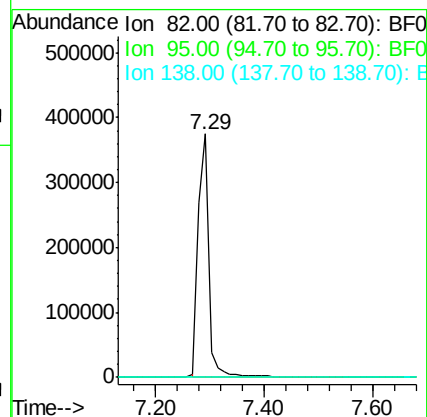
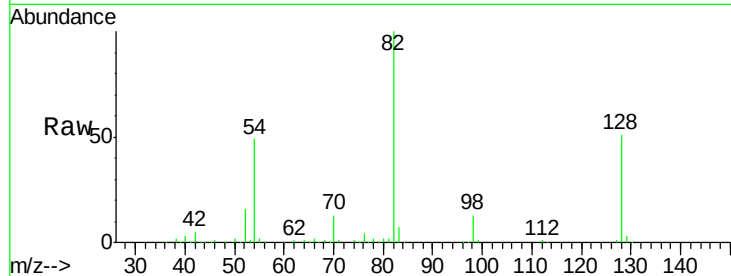
Tgt Ion: 82 Resp: 496714

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.0 22.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF082561.D

Acq: 27 Oct 2015 22:11

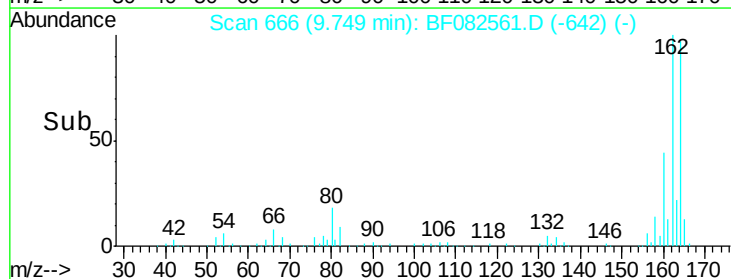
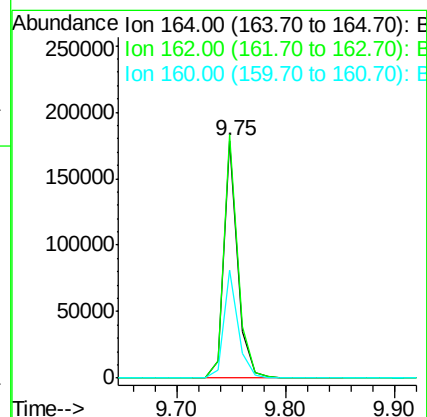
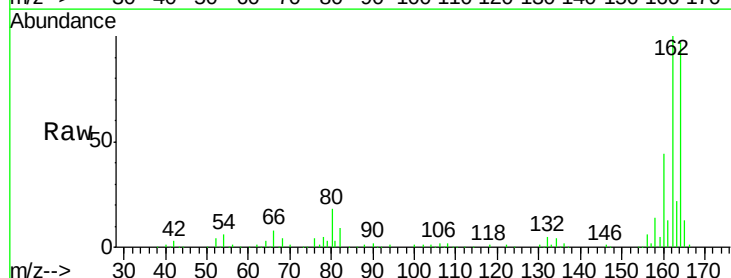
Tgt Ion: 164 Resp: 159705

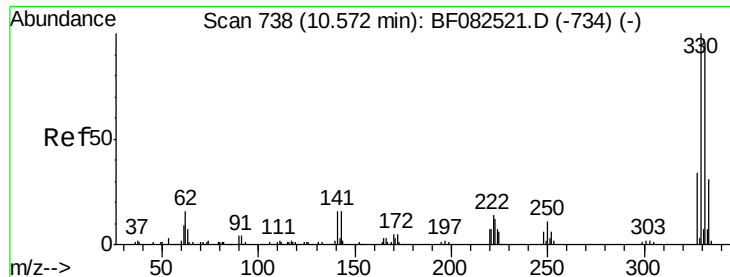
Ion Ratio Lower Upper

164 100

162 102.6 83.6 125.4

160 45.3 36.0 54.0

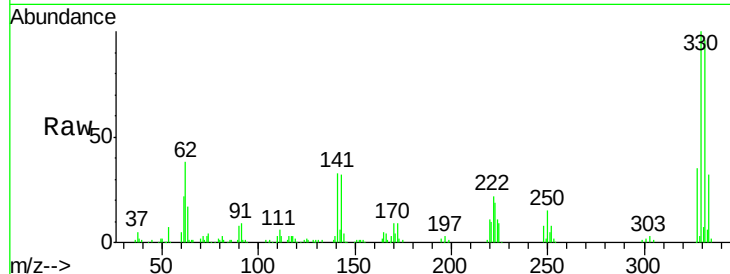




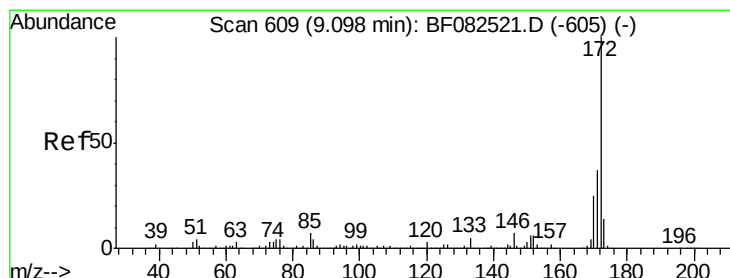
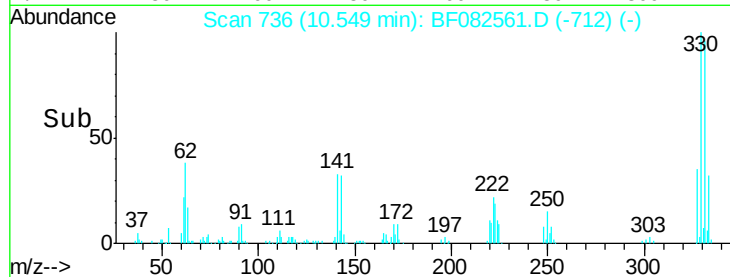
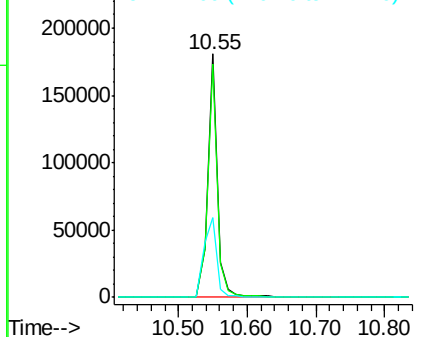
#41
 2,4,6-Tribromophenol
 Concen: 149.00 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082561.D
 Acq: 27 Oct 2015 22:11

Instrument :
 BNA_F
 ClientSampled :
 SB-2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	43.2	32.5	48.7

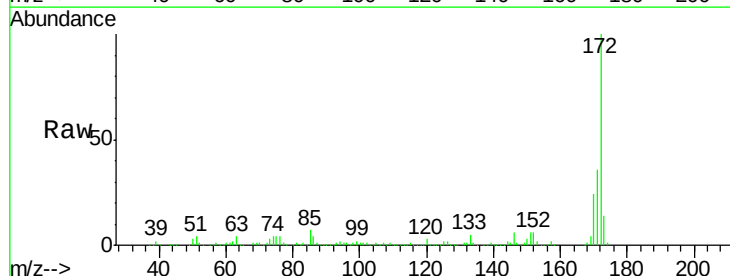


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

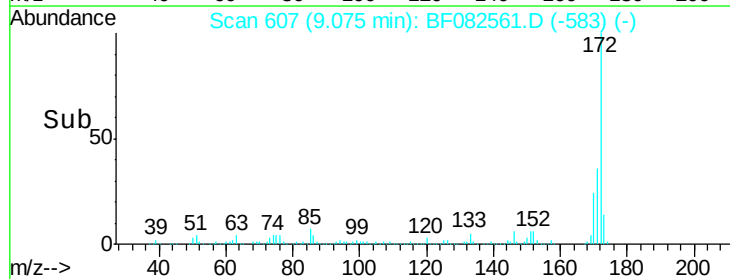
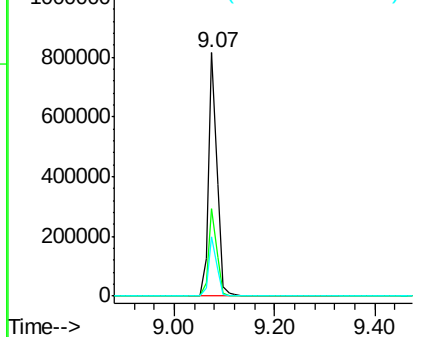


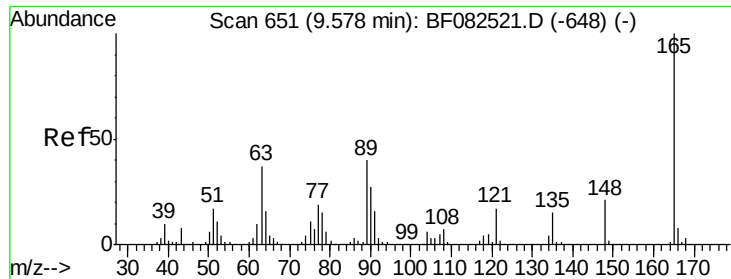
#44
 2-Fluorobiphenyl
 Concen: 94.46 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082561.D
 Acq: 27 Oct 2015 22:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	24.3	19.8	29.6



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

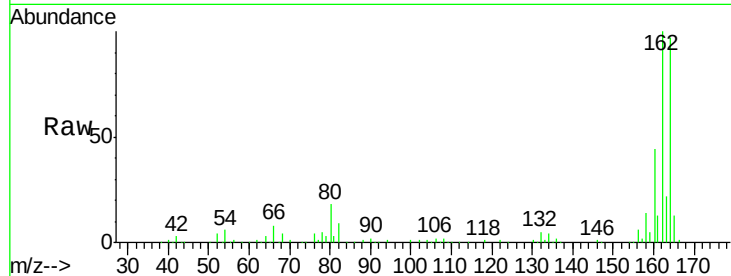




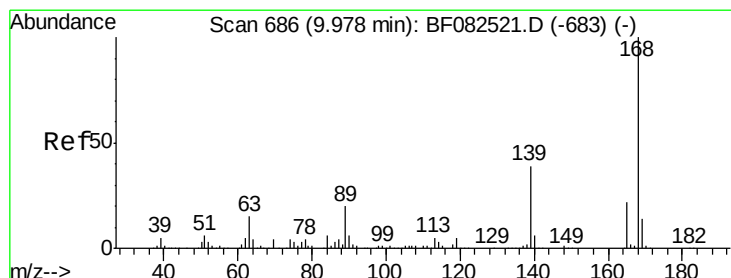
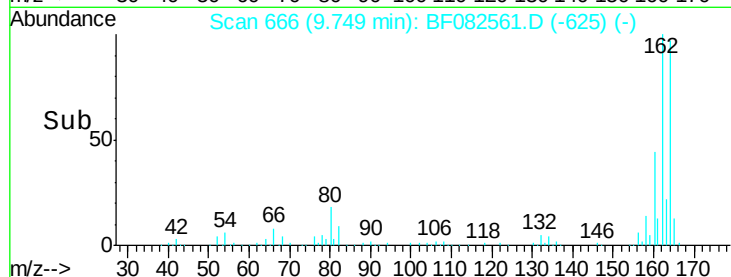
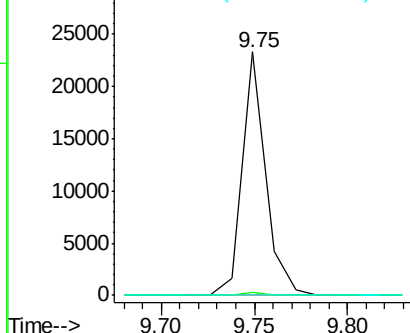
#50
 2,6-Dinitrotoluene
 Concen: 8.40 ng
 RT: 9.75 min Scan# 666
 Delta R.T. 0.17 min
 Lab File: BF082561.D
 Acq: 27 Oct 2015 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	30.7	46.1#
89	0.0	31.8	47.8#



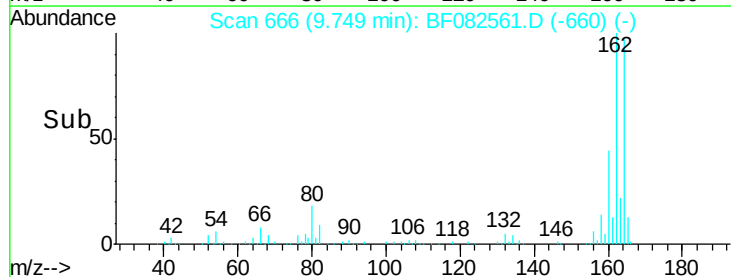
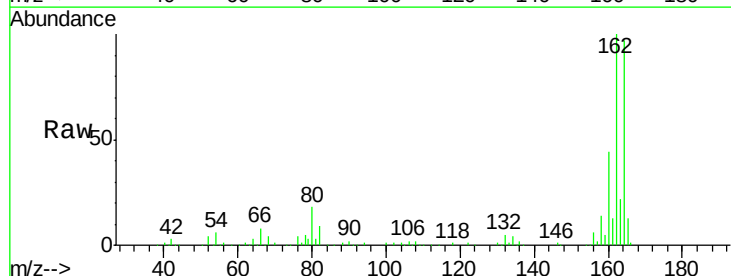
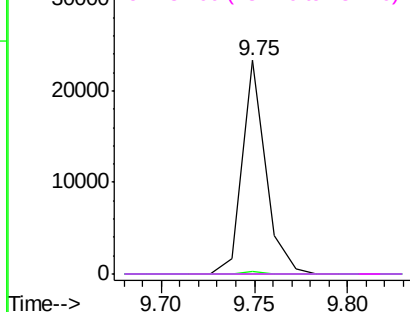
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

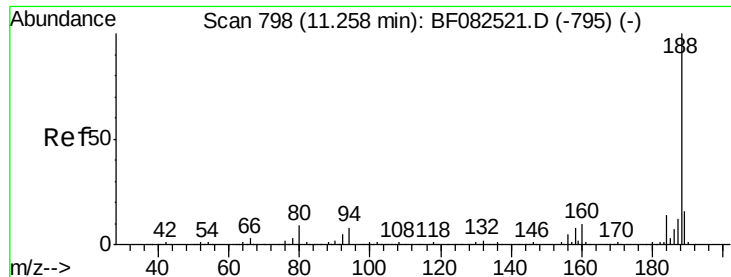


#56
 2,4-Dinitrotoluene
 Concen: 6.92 ng
 RT: 9.75 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF082561.D
 Acq: 27 Oct 2015 22:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	58.6	88.0#
89	0.0	72.3	108.5#
182	0.0	1.8	2.8#

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

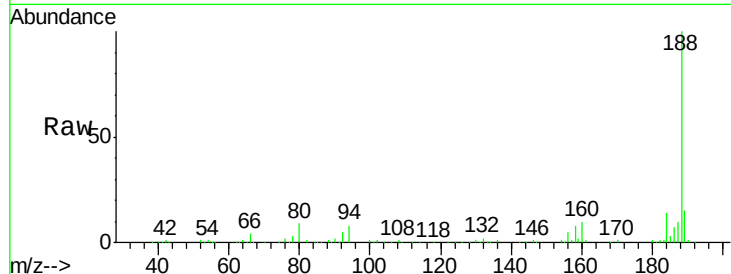




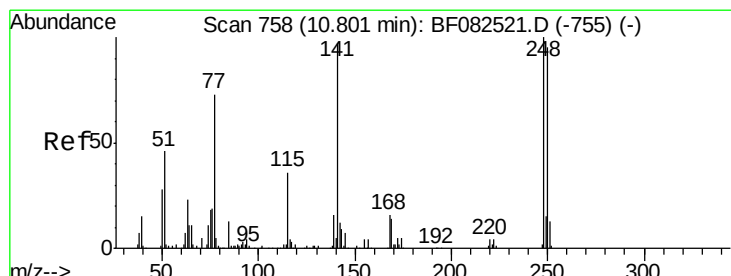
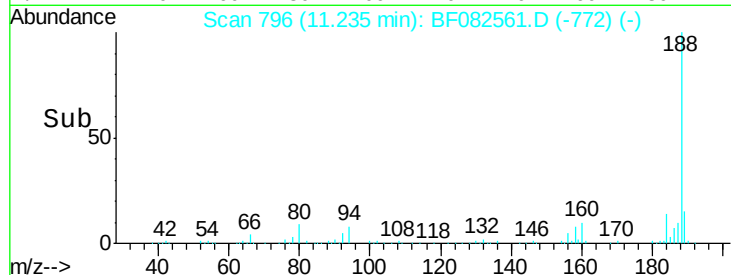
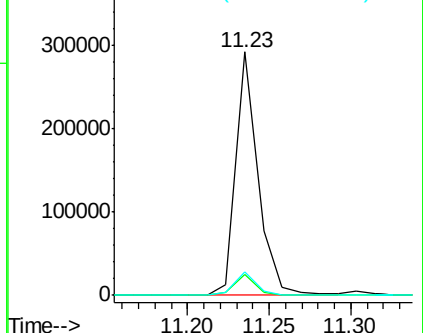
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF082561.D
 Acq: 27 Oct 2015 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:188 Resp: 276418
 Ion Ratio Lower Upper
 188 100
 94 8.5 6.4 9.6
 80 9.5 7.0 10.6

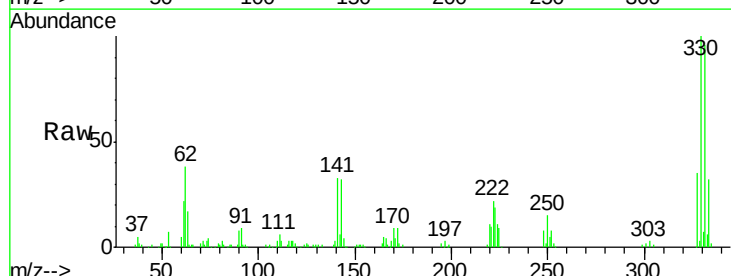


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

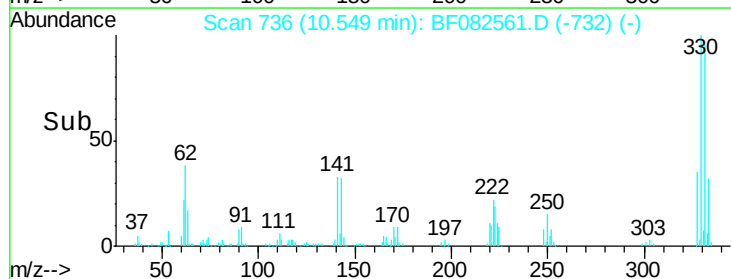
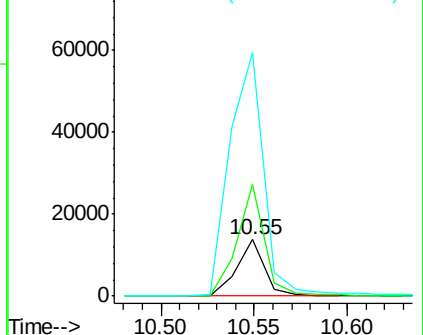


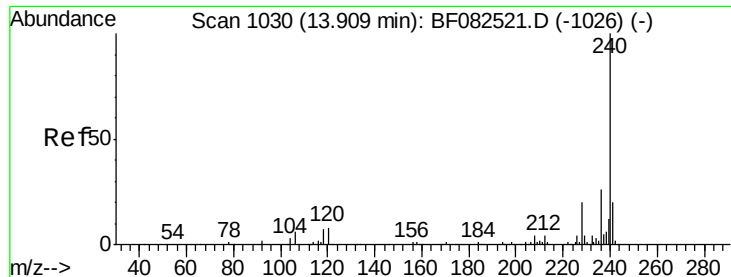
#66
 4-Bromophenyl-phenylether
 Concen: 5.43 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.25 min
 Lab File: BF082561.D
 Acq: 27 Oct 2015 22:11

Tgt Ion:248 Resp: 14083
 Ion Ratio Lower Upper
 248 100
 250 198.7 76.0 114.0#
 141 432.4 77.5 116.3#



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: 13.88 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF082561.D

Acq: 27 Oct 2015 22:11

Instrument :

BNA_F

ClientSampleId :

SB-2

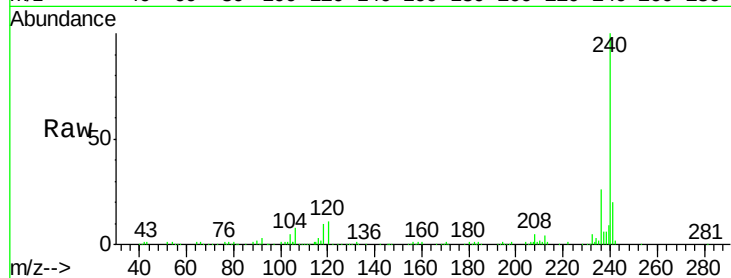
Tgt Ion:240 Resp: 177877

Ion Ratio Lower Upper

240 100

120 10.9 6.5 9.7#

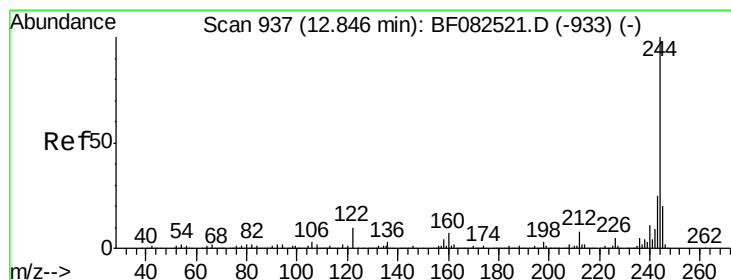
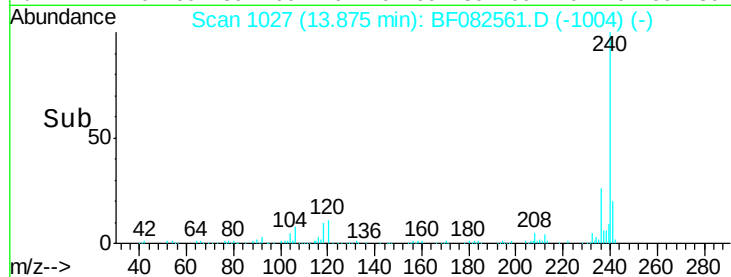
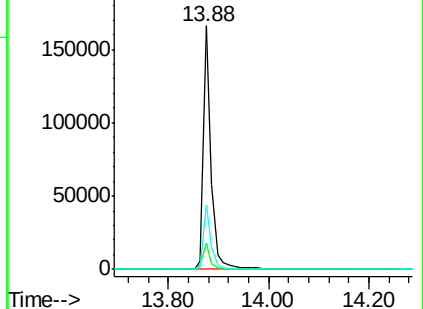
236 26.2 20.5 30.7



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: 129.67 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF082561.D

Acq: 27 Oct 2015 22:11

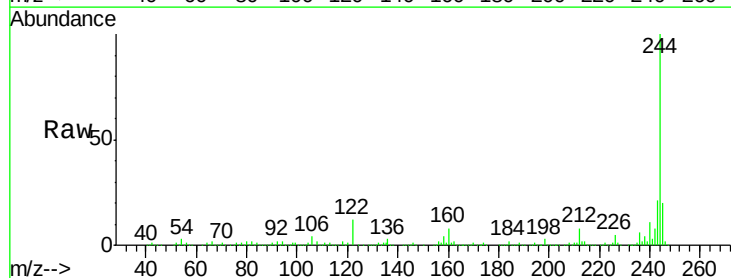
Tgt Ion:244 Resp: 800591

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

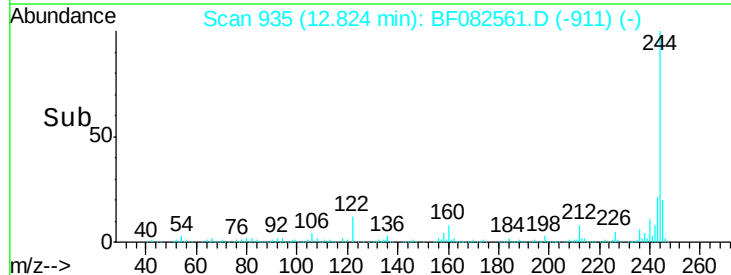
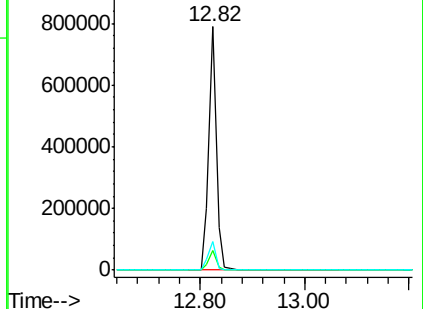
122 11.5 8.1 12.1

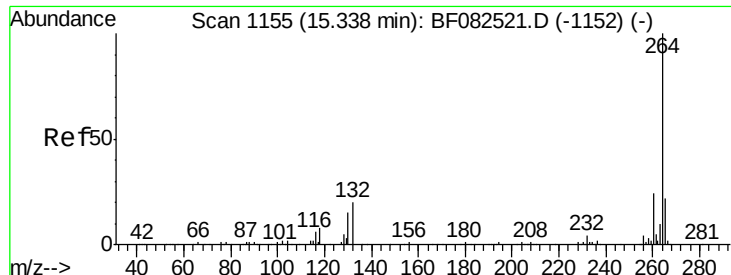


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

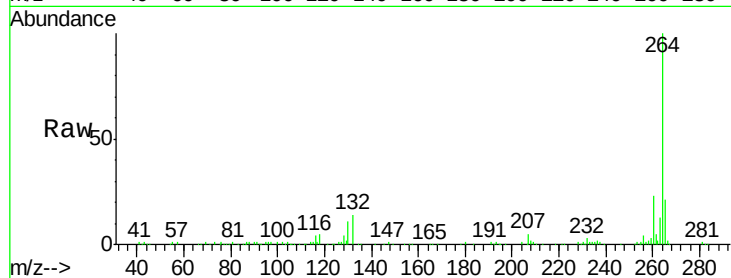




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF082561.D
Acq: 27 Oct 2015 22:11

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 264 Resp: 166724
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.3 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

