

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082260.D
 Acq On : 13 Oct 2015 18:05
 Operator : UM/IZ
 Sample : PB86086BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BL

Quant Time: Oct 14 01:19:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

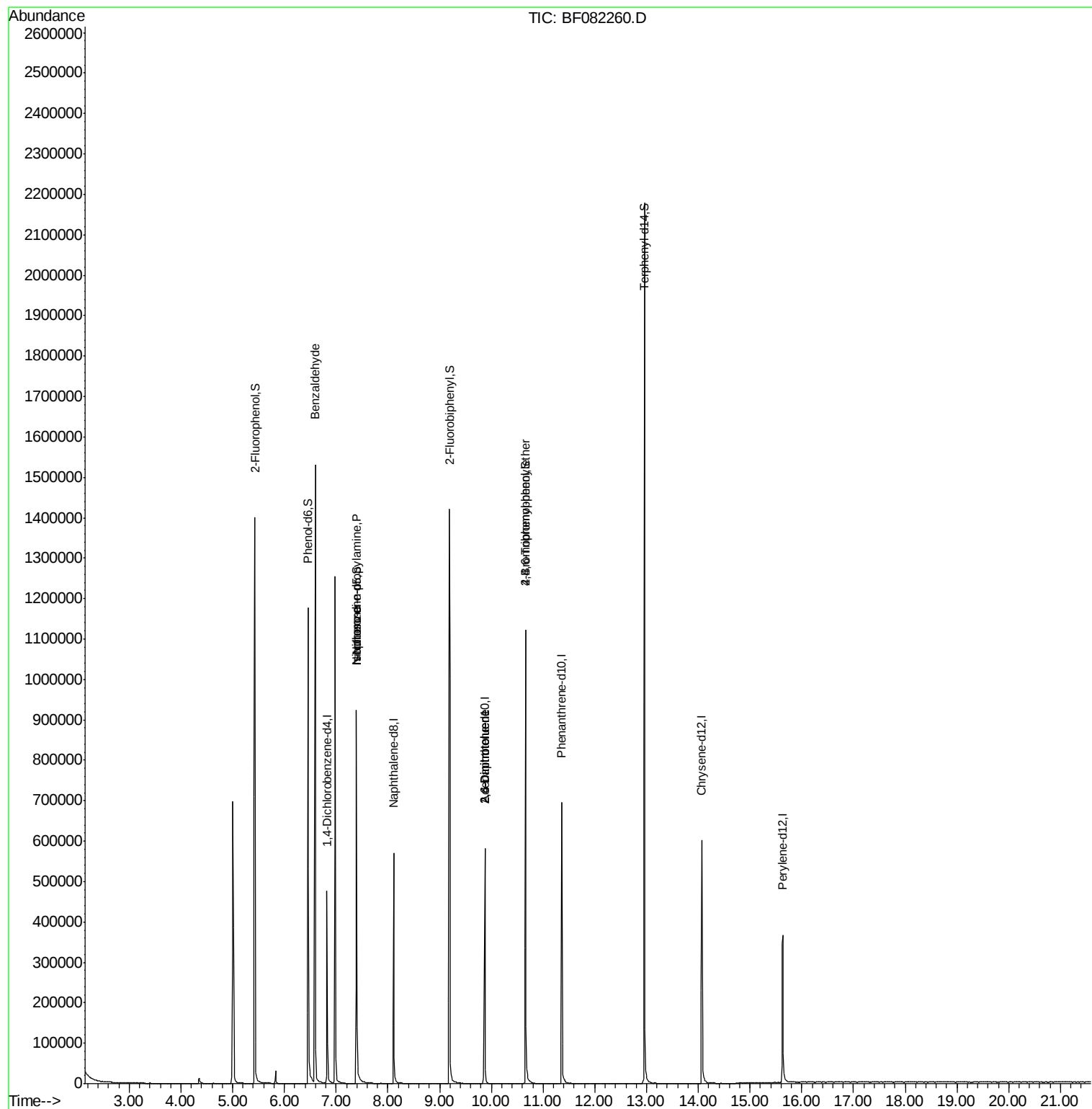
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	78430	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	303965	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	148162	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	297715	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	290095	20.00	ng	-0.07
86) Perylene-d12	15.64	264	247701	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	459636	118.28	ng	0.01
7) Phenol-d6	6.46	99	535846	105.96	ng	-0.01
23) Nitrobenzene-d5	7.39	82	354748	78.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	152686	109.89	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	698154	78.14	ng	-0.01
78) Terphenyl-d14	12.96	244	776419	70.92	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	10958	4.24	ng	83
19) n-Nitroso-di-n-propylamine	7.39	70	45465	12.80	ng	# 78
25) Isophorone	7.39	82	282972	30.98	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	18159	8.25	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	18159	6.60	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	10512	3.53	ng	# 1

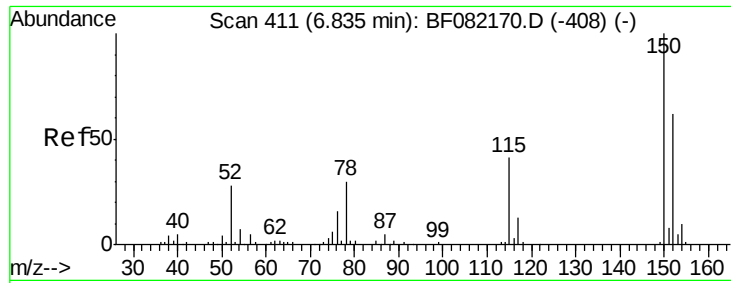
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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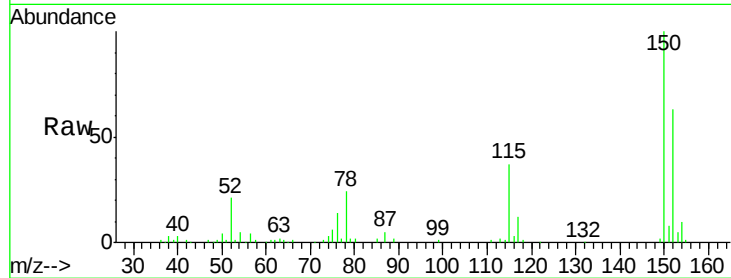


#1

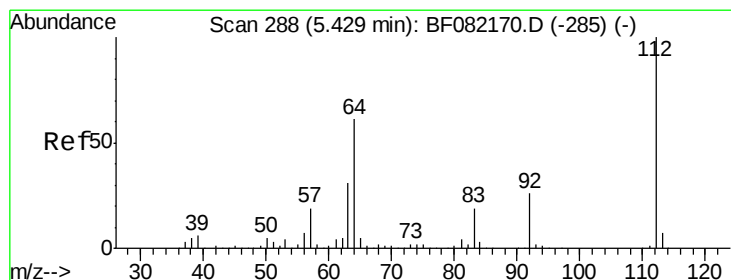
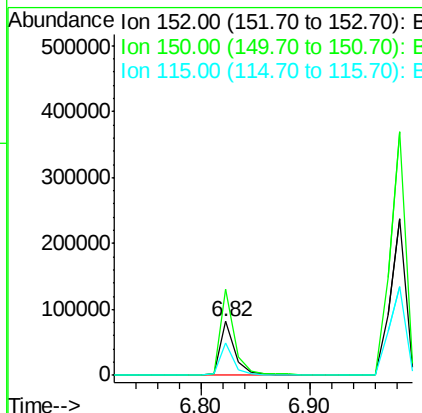
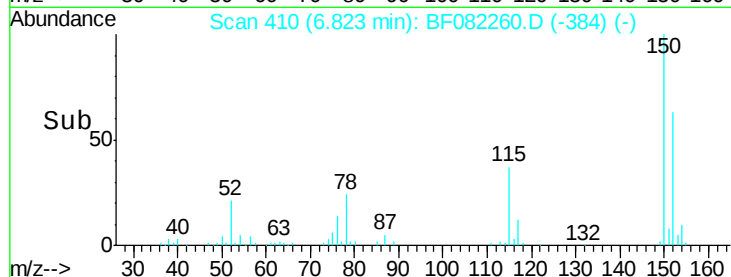
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082260.D
Acq: 13 Oct 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB86086BL

Tot Ion:152 Resp: 78430
Ion Ratio Lower Upper
152 100
150 159.2 129.0 193.4
115 59.2 52.1 78.1



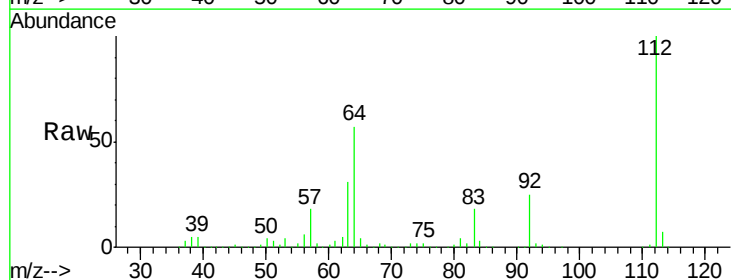
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



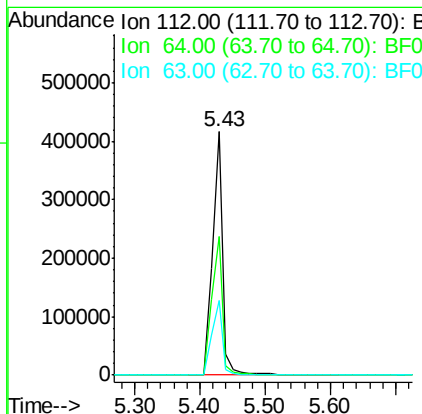
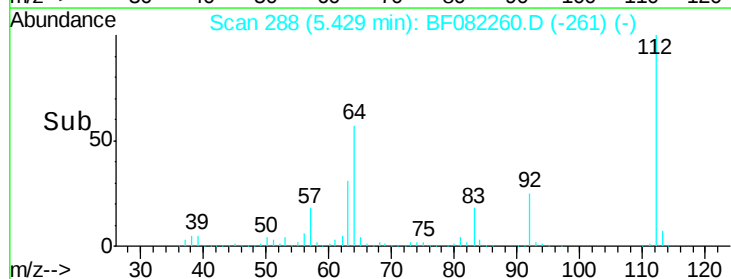
#5

2-Fluorophenol
Concen: 118.28 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF082260.D
Acq: 13 Oct 2015 18:05

Tgt Ion:112 Resp: 459636
Ion Ratio Lower Upper
112 100
64 57.1 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: 105.96 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082260.D

Acq: 13 Oct 2015 18:05

Instrument :

BNA_F

ClientSampled :

PB86086BL

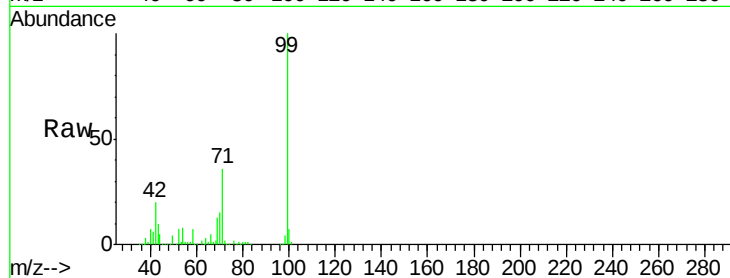
Tot Ion: 99 Resp: 535846

Ion Ratio Lower Upper

99 100

42 19.5 13.2 19.8

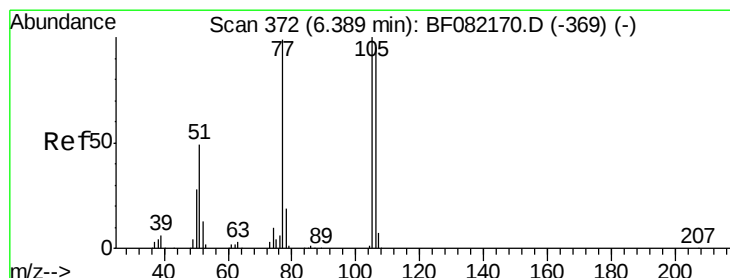
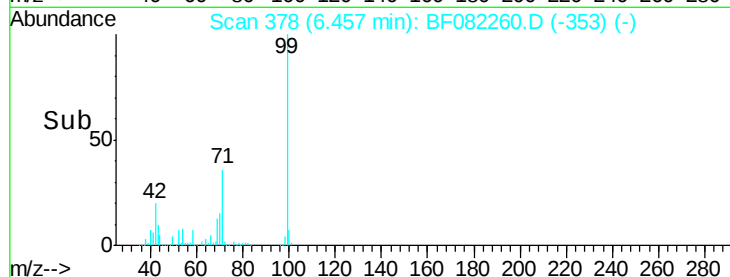
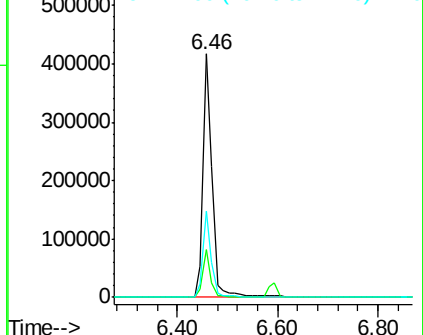
71 35.5 25.6 38.4



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



#9

Benzaldehyde

Concen: 4.24 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF082260.D

Acq: 13 Oct 2015 18:05

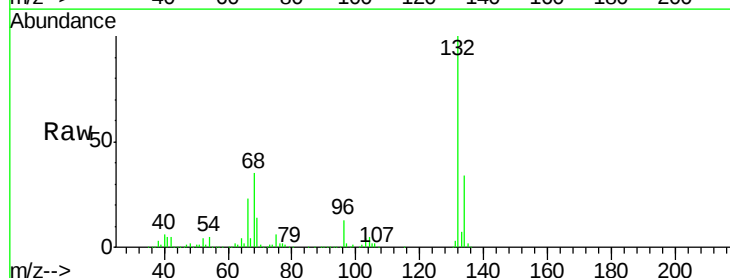
Tgt Ion: 77 Resp: 10958

Ion Ratio Lower Upper

77 100

105 84.7 80.6 120.6

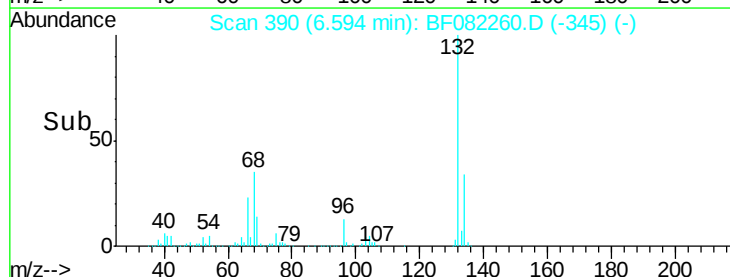
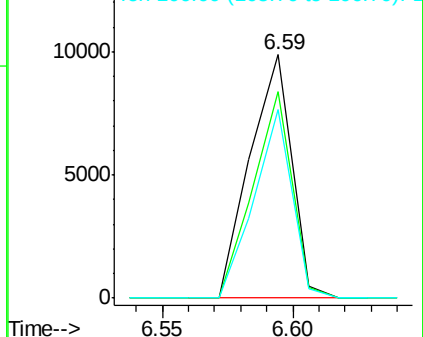
106 77.5 75.5 115.5

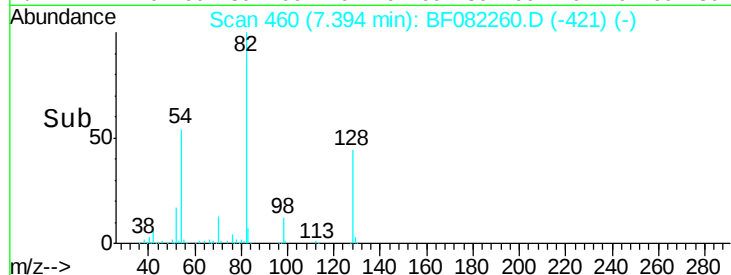
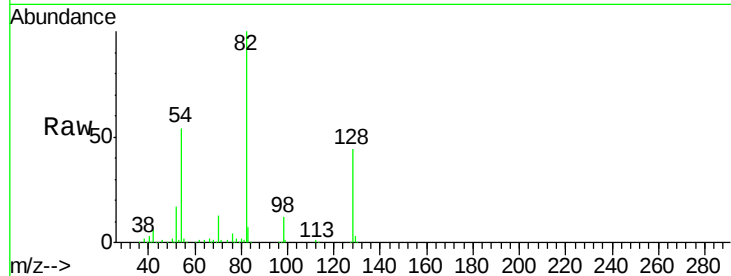
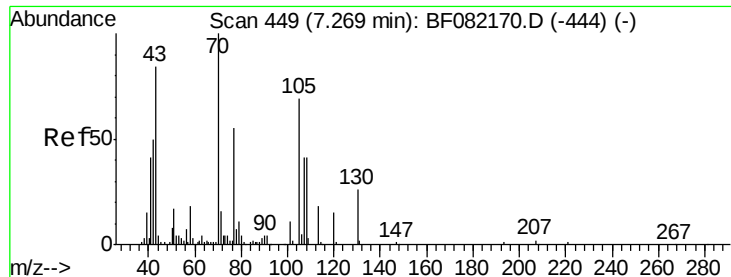


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 12.80 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082260.D

Acq: 13 Oct 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB86086BL

Tot Ion: 70 Resp: 45465

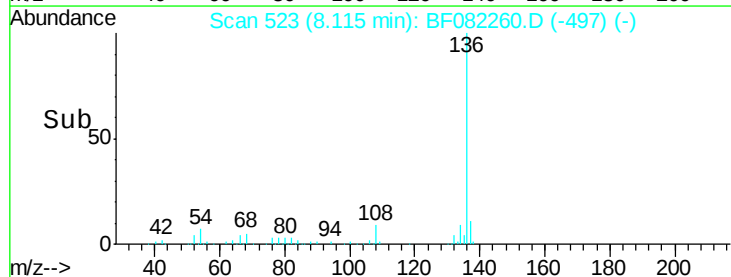
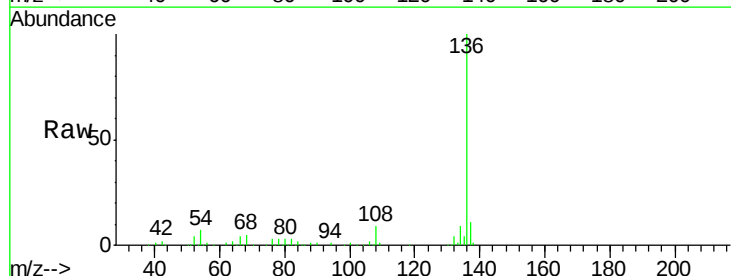
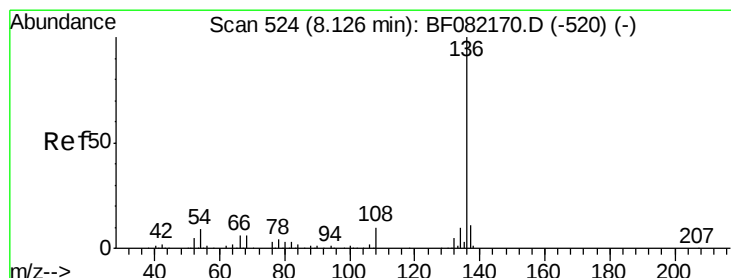
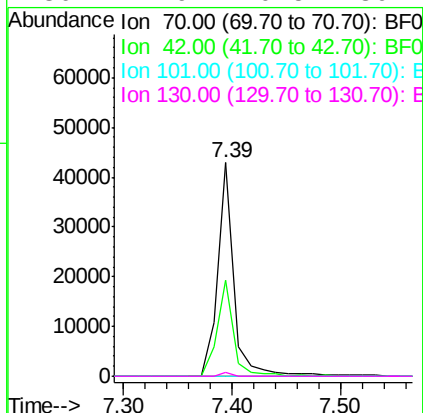
Ion Ratio Lower Upper

70 100

42 44.9 39.8 59.8

101 0.0 8.6 13.0#

130 1.9 20.5 30.7#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF082260.D

Acq: 13 Oct 2015 18:05

Tgt Ion:136 Resp: 303965

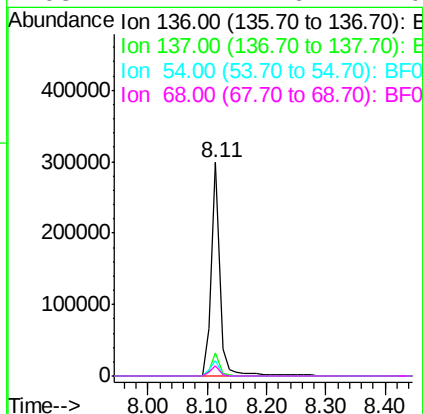
Ion Ratio Lower Upper

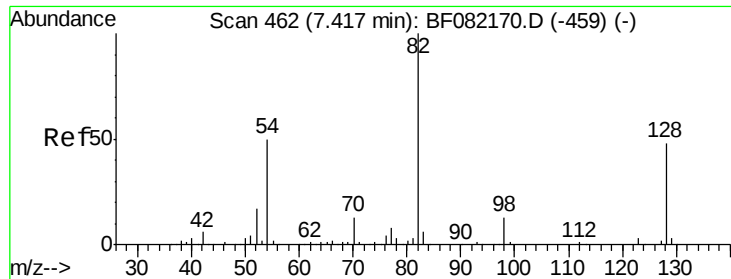
136 100

137 10.9 9.0 13.6

54 7.3 7.5 11.3#

68 4.7 4.6 7.0

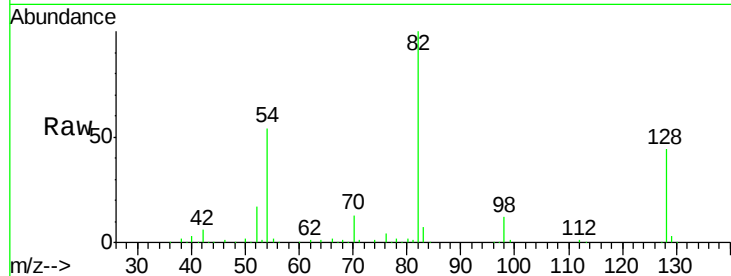




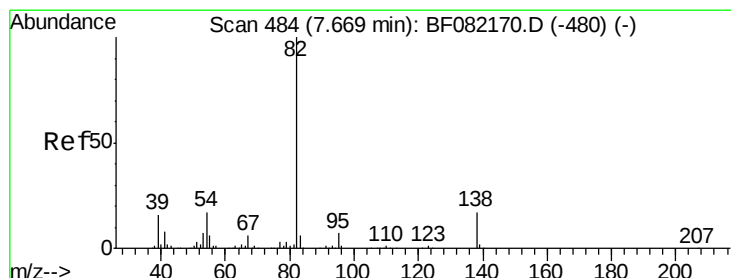
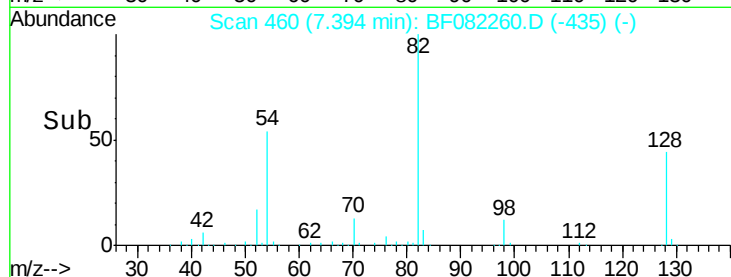
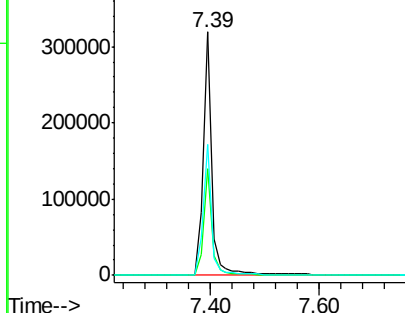
#23
Nitrobenzene-d5
Concen: 78.37 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082260.D
Acq: 13 Oct 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB86086BL

Tot Ion: 82 Resp: 354748
Ion Ratio Lower Upper
82 100
128 44.0 38.7 58.1
54 53.6 40.1 60.1

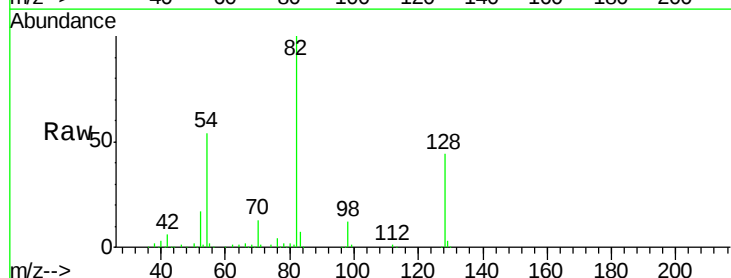


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

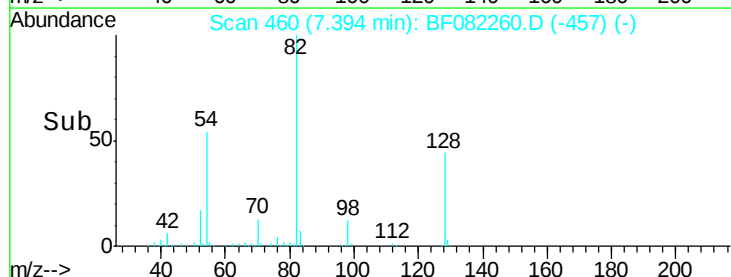
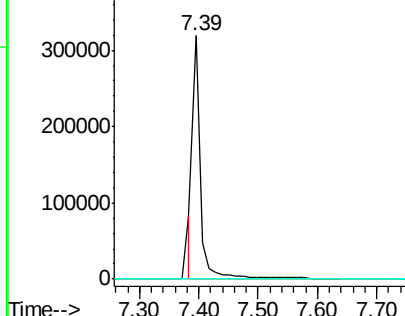


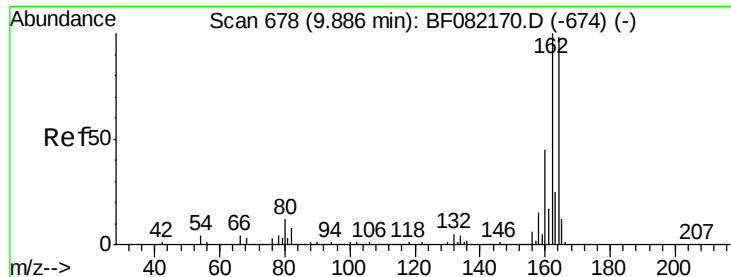
#25
Isophorone
Concen: 30.98 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.26 min
Lab File: BF082260.D
Acq: 13 Oct 2015 18:05

Tgt Ion: 82 Resp: 282972
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: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082260.D

Acq: 13 Oct 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB86086BL

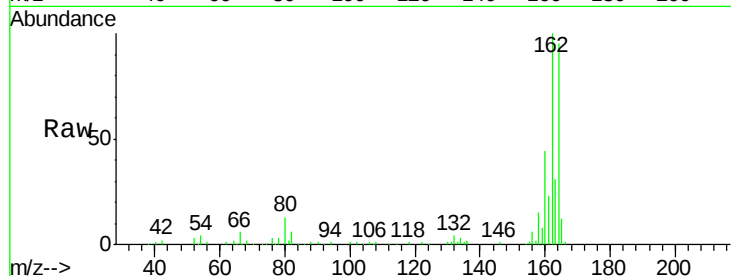
Tot Ion:164 Resp: 148162

Ion Ratio Lower Upper

164 100

162 105.0 81.6 122.4

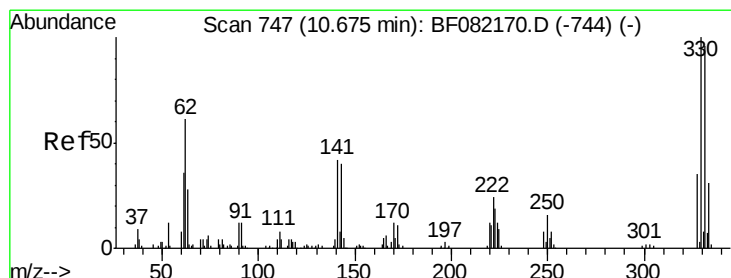
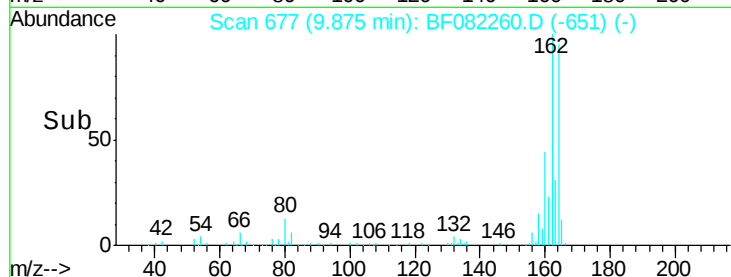
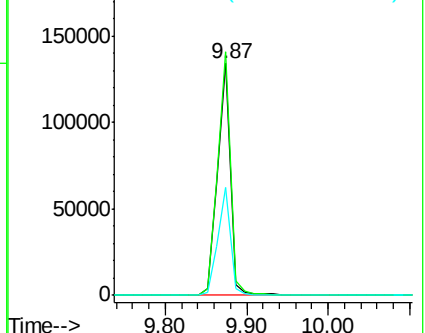
160 46.7 36.4 54.6



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: 109.89 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF082260.D

Acq: 13 Oct 2015 18:05

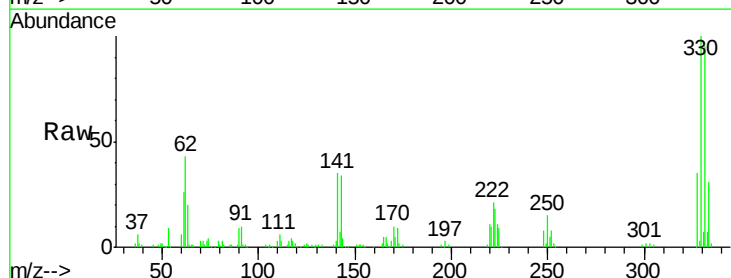
Tgt Ion:330 Resp: 152686

Ion Ratio Lower Upper

330 100

332 94.1 77.1 115.7

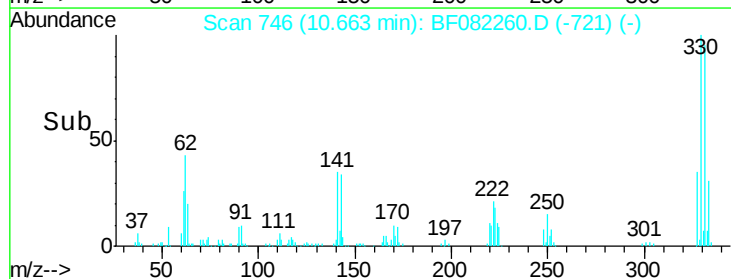
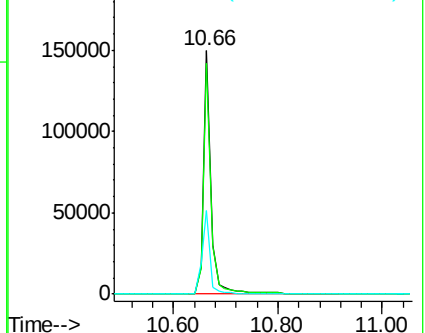
141 36.7 29.8 44.8



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

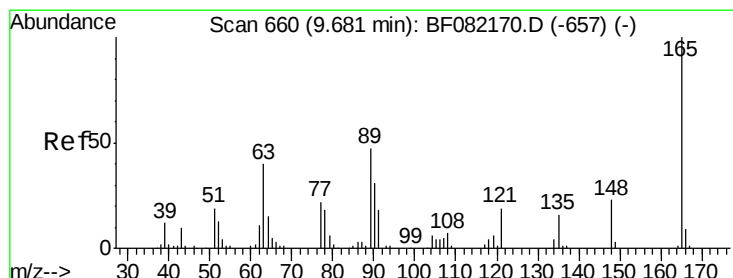
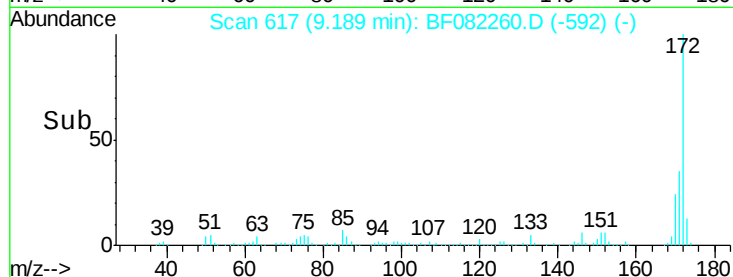
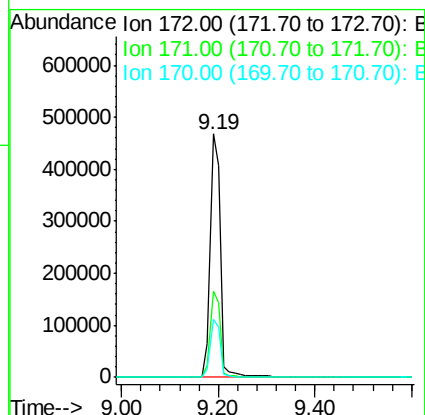
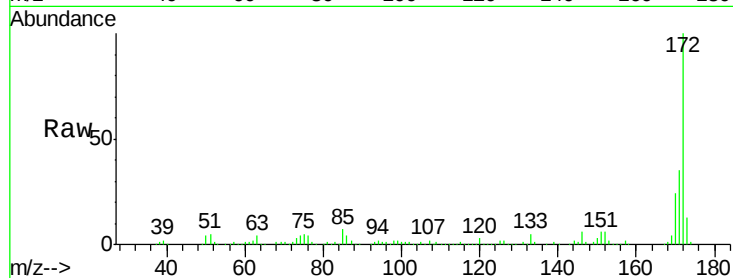




#44
2-Fluorobiphenyl
Concen: 78.14 ng
RT: 9.19 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF082260.D
Acq: 13 Oct 2015 18:05

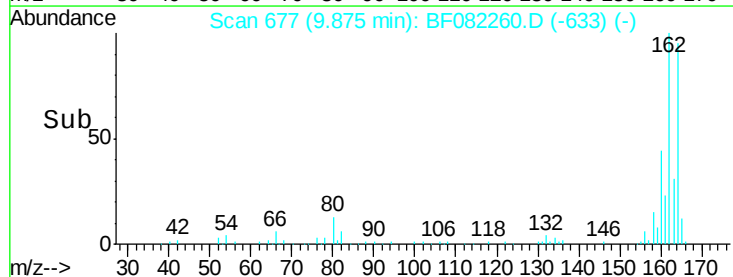
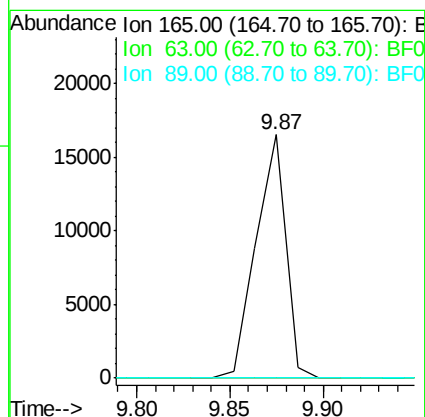
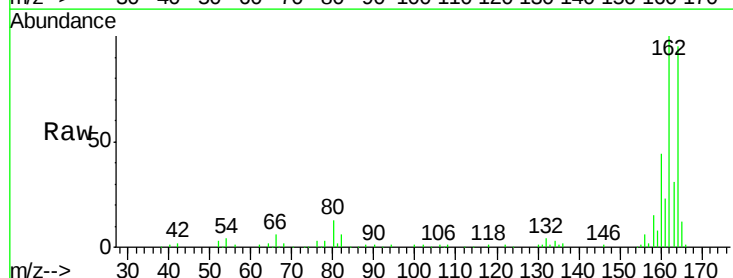
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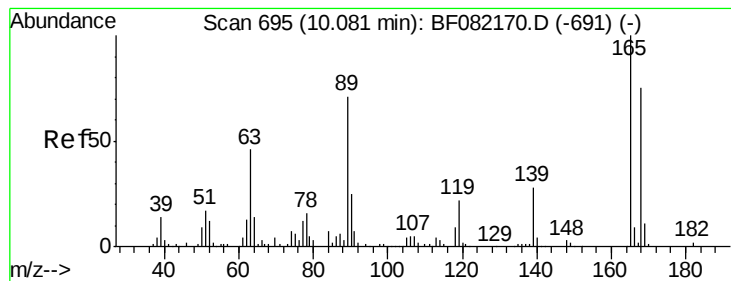
Tot Ion:172 Resp: 698154
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.8 19.7 29.5



#50
2,6-Dinitrotoluene
Concen: 8.25 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF082260.D
Acq: 13 Oct 2015 18:05

Tgt Ion:165 Resp: 18159
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
89 0.0 37.8 56.6#





#56

2,4-Dinitrotoluene

Concen: 6.60 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.21 min

Lab File: BF082260.D

Acq: 13 Oct 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB86086BL

Tot Ion:165 Resp: 18159

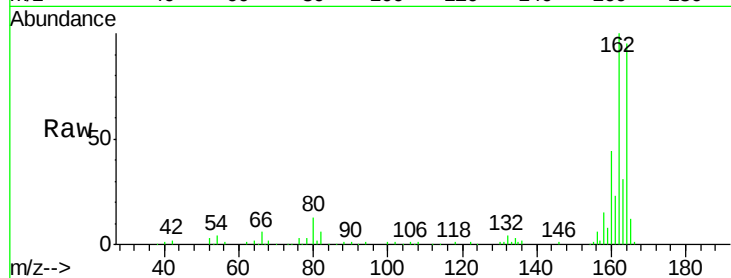
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 57.0 85.6#

182 0.0 1.8 2.6#

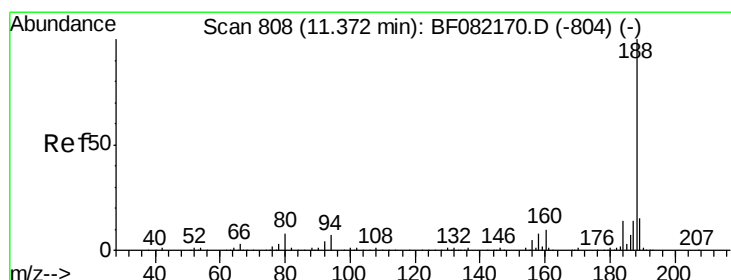
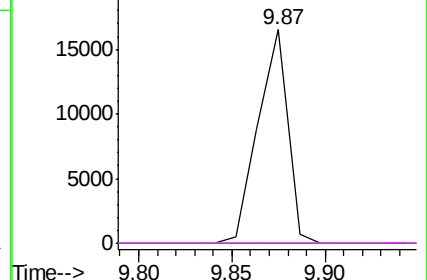
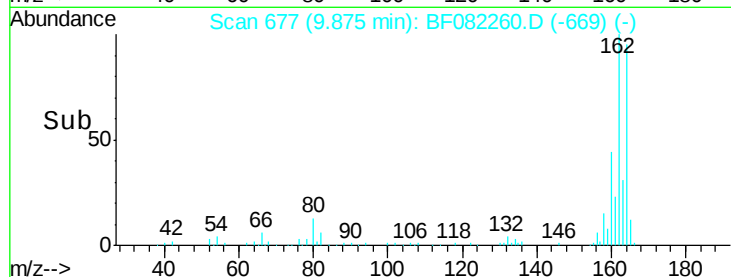


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082260.D

Acq: 13 Oct 2015 18:05

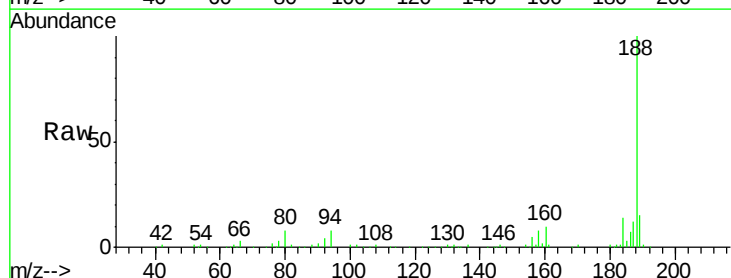
Tgt Ion:188 Resp: 297715

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

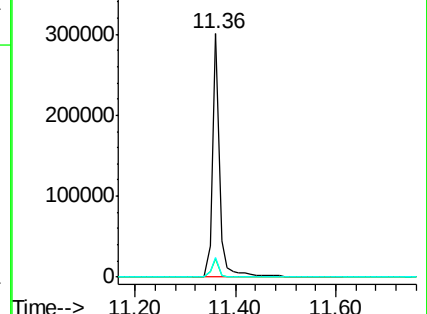
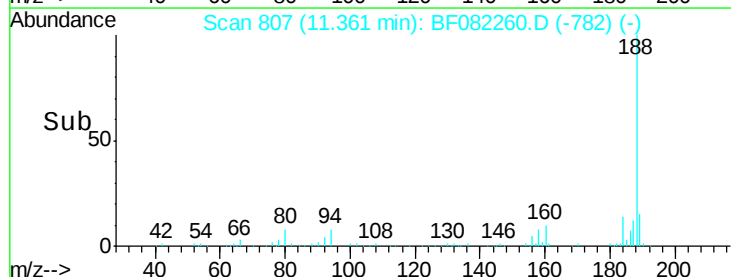
80 8.0 6.4 9.6

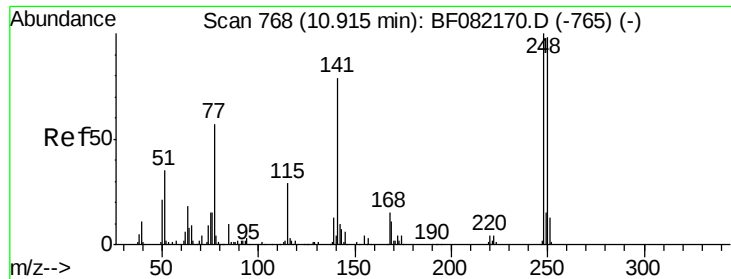


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

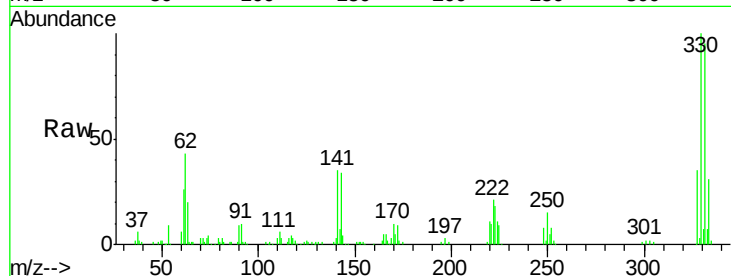




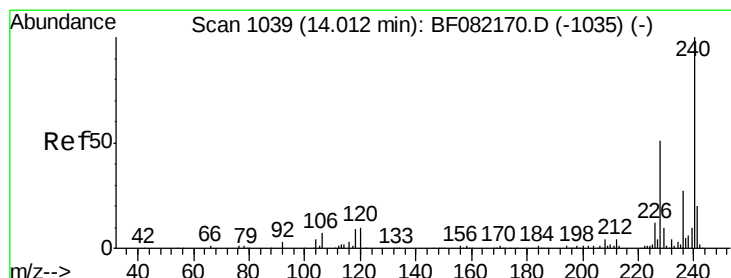
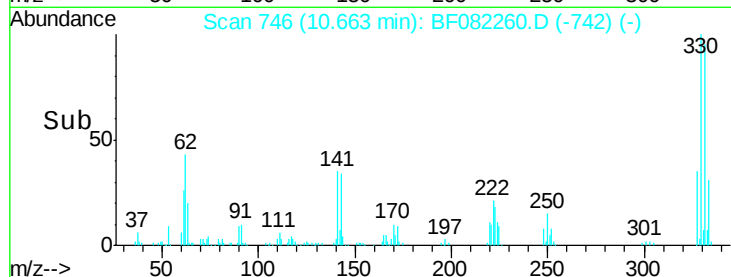
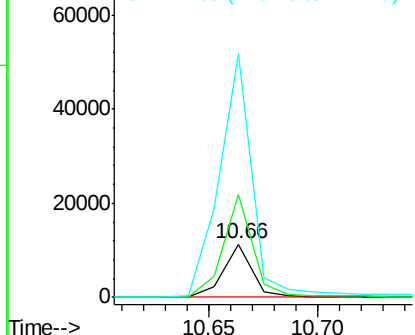
#66
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF082260.D
Acq: 13 Oct 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB86086BL

Tot Ion:248 Resp: 10512
Ion Ratio Lower Upper
248 100
250 192.9 78.6 117.8#
141 456.8 63.3 94.9#

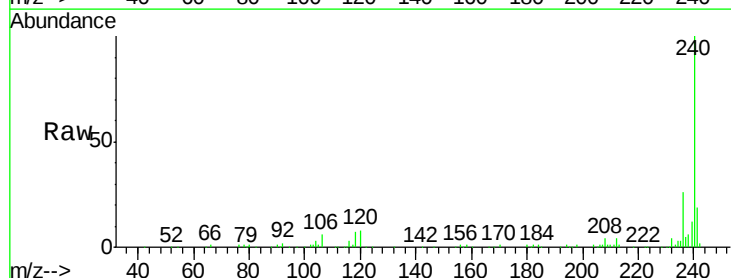


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

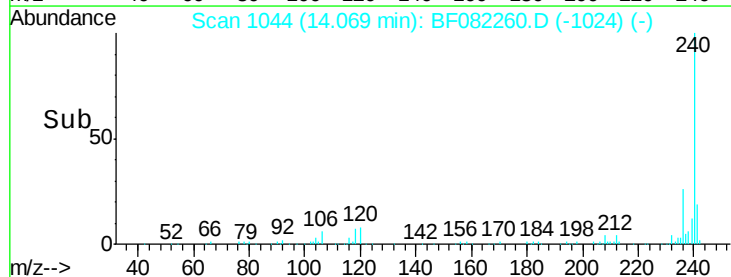
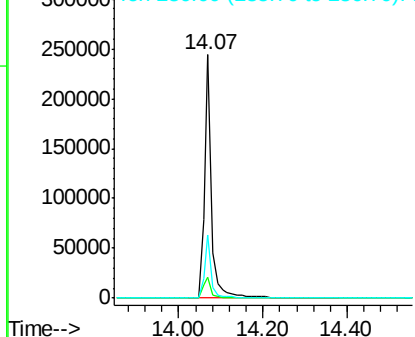


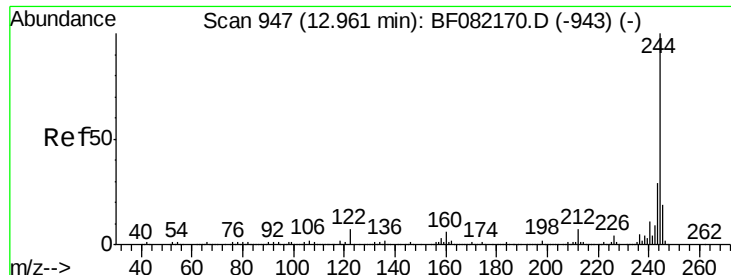
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.07 min
Lab File: BF082260.D
Acq: 13 Oct 2015 18:05

Tgt Ion:240 Resp: 290095
Ion Ratio Lower Upper
240 100
120 8.5 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

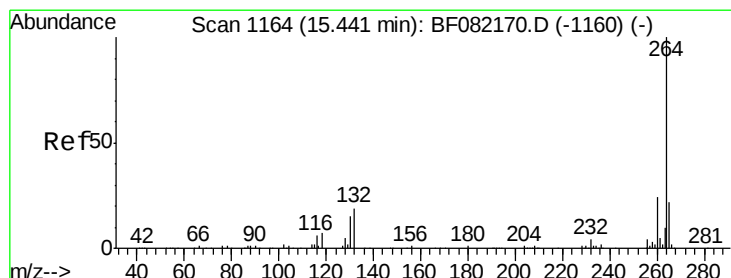
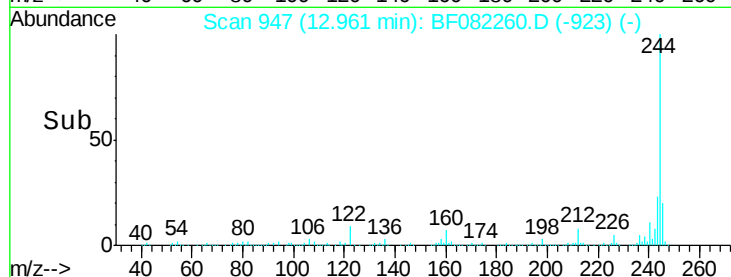
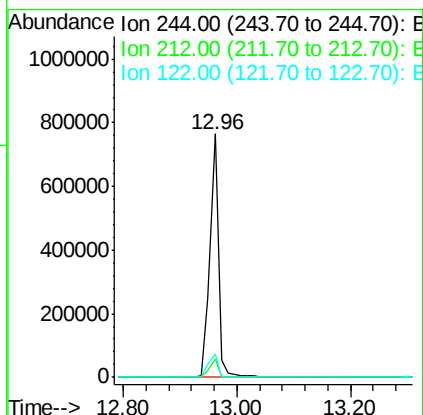
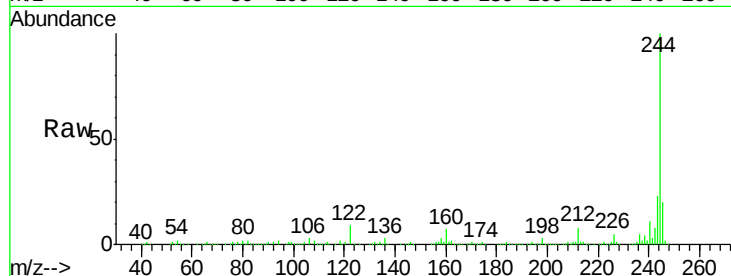




#78
 Terphenyl-d14
 Concen: 70.92 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.02 min
 Lab File: BF082260.D
 Acq: 13 Oct 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86086BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	9.4	5.9	8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1181
 Delta R.T. -0.14 min
 Lab File: BF082260.D
 Acq: 13 Oct 2015 18:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	20.7	17.3	25.9

