

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080850.D
 Acq On : 4 Aug 2015 21:21
 Operator : TP/UM
 Sample : PB84692BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BL

Quant Time: Aug 05 02:34:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

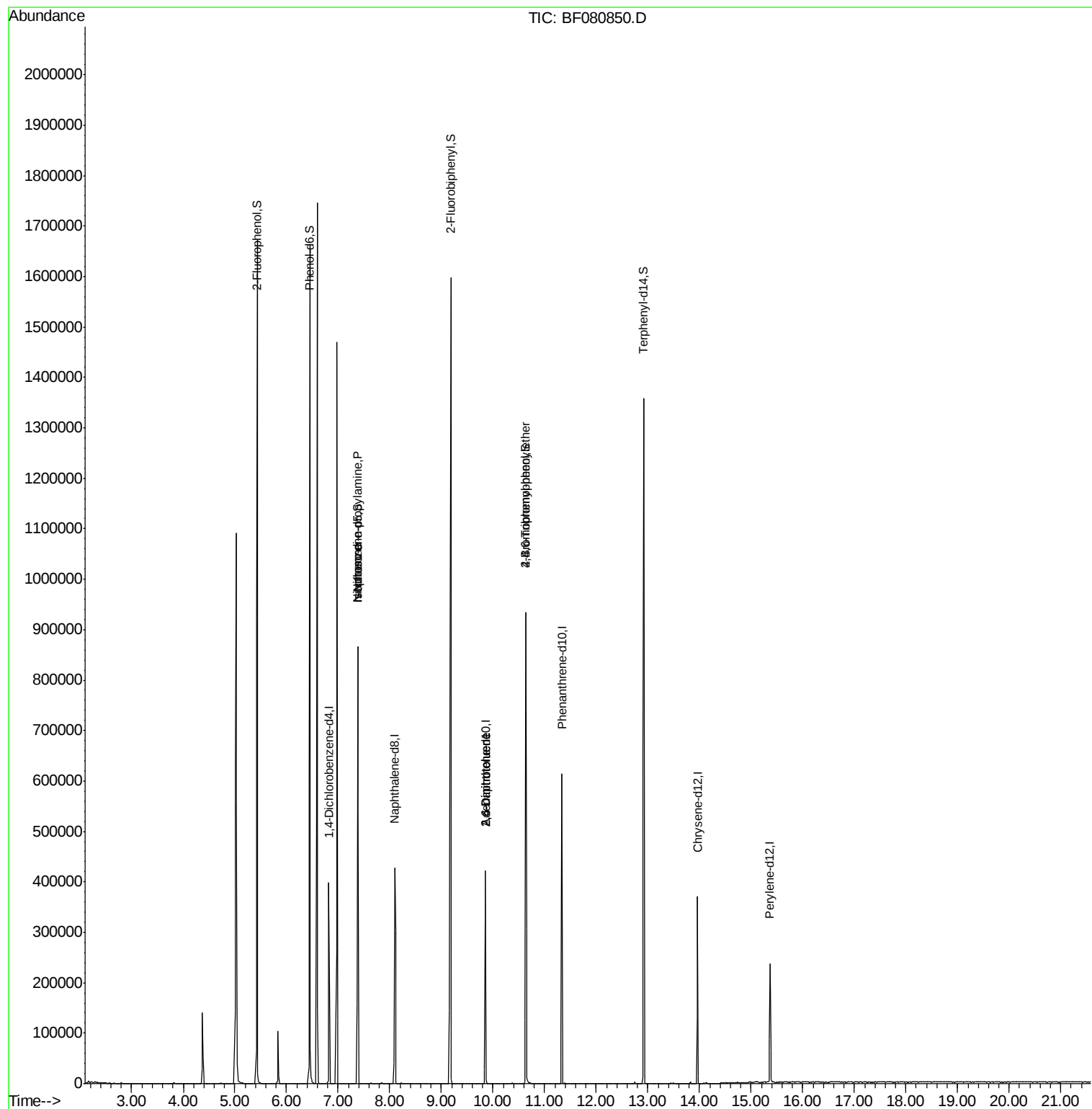
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	65854	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	251726	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	115268	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	211557	20.00	ng	0.00
75) Chrysene-d12	13.96	240	134899	20.00	ng	0.00
86) Perylene-d12	15.37	264	104255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	470402	108.11	ng	0.01
7) Phenol-d6	6.45	99	551862	97.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	363800	68.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	110499	99.41	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	634922	74.17	ng	0.00
78) Terphenyl-d14	12.92	244	480535	64.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	47578	12.95	ng	# 77
25) Isophorone	7.38	82	327218	34.57	ng	# 67
50) 2,6-Dinitrotoluene	9.86	165	14469	8.23	ng	# 11
56) 2,4-Dinitrotoluene	9.86	165	14469	6.52	ng	# 13
66) 4-Bromophenyl-phenylether	10.64	248	7195	3.07	ng	# 1

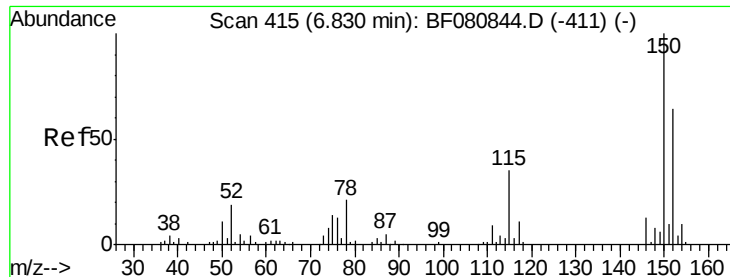
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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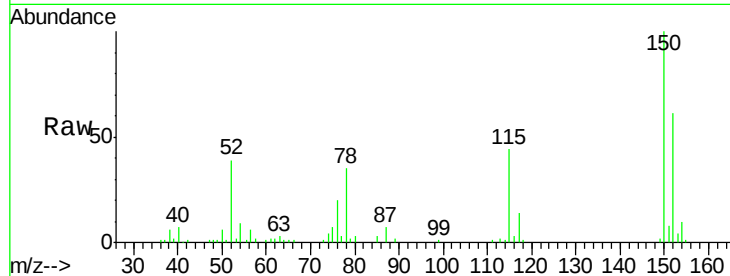


#1

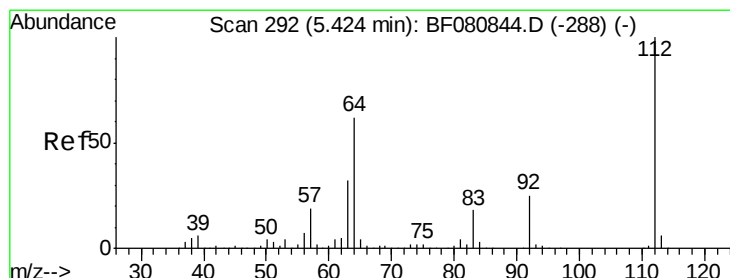
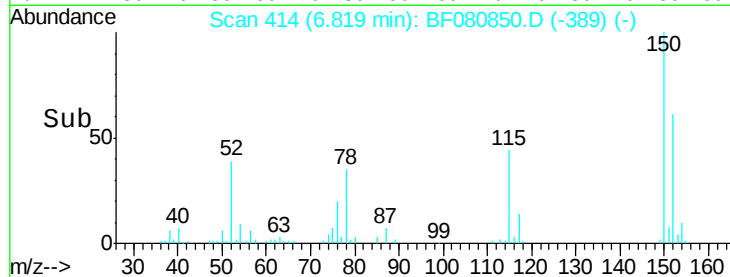
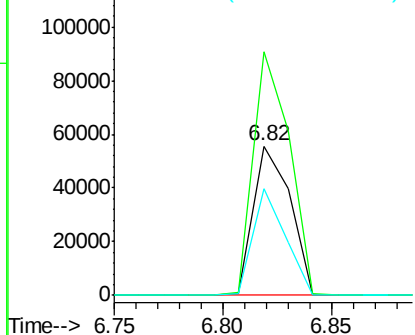
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :
PB84692BL

Tot Ion:152 Resp: 65854
Ion Ratio Lower Upper
152 100
150 163.0 124.6 187.0
115 71.2 44.2 66.4#



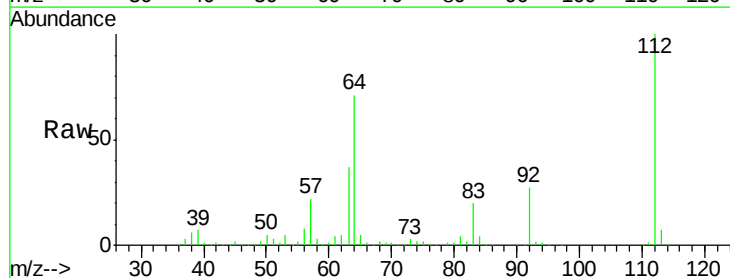
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



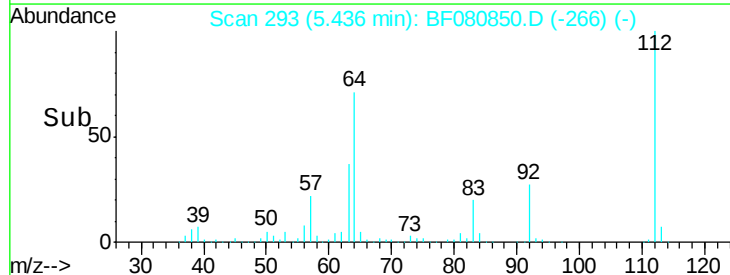
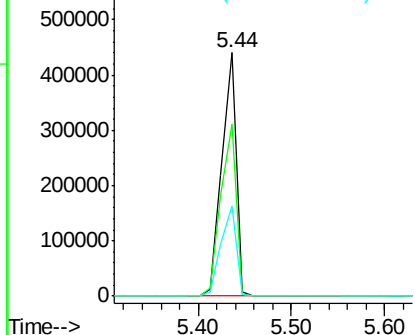
#5

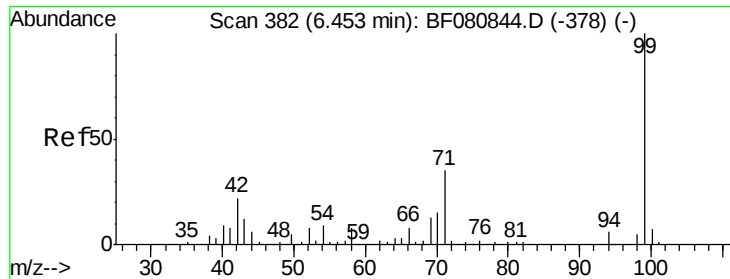
2-Fluorophenol
Concen: 108.11 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion:112 Resp: 470402
Ion Ratio Lower Upper
112 100
64 70.5 49.5 74.3
63 36.8 25.3 37.9



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: 97.02 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080850.D

Acq: 4 Aug 2015 21:21

Instrument :

BNA_F

ClientSampleId :

PB84692BL

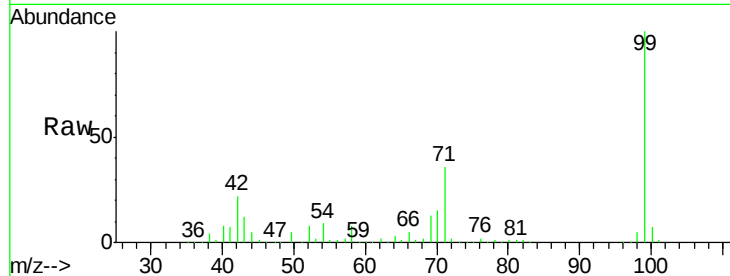
Tot Ion: 99 Resp: 551862

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

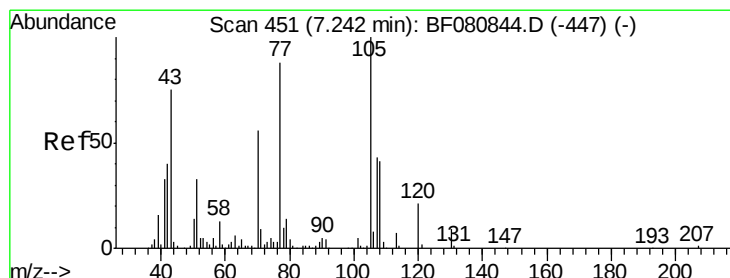
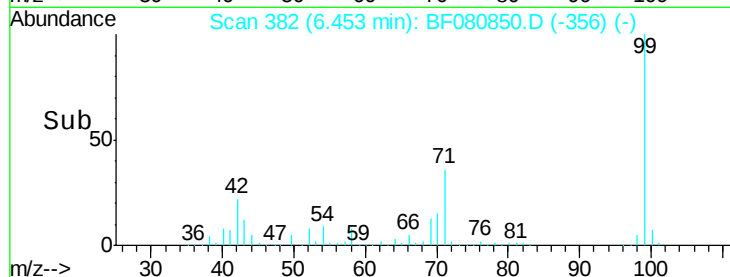
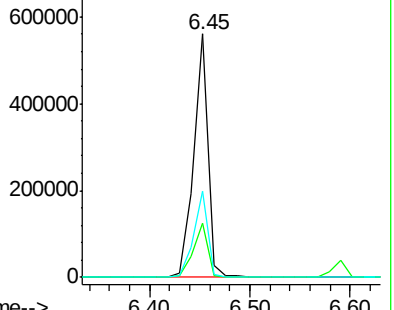
71 35.5 28.2 42.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.95 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF080850.D

Acq: 4 Aug 2015 21:21

Tgt Ion: 70 Resp: 47578

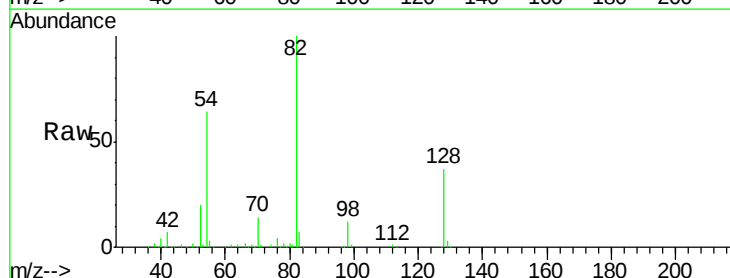
Ion Ratio Lower Upper

70 100

42 55.0 57.8 86.8#

101 0.0 6.7 10.1#

130 1.7 12.6 19.0#

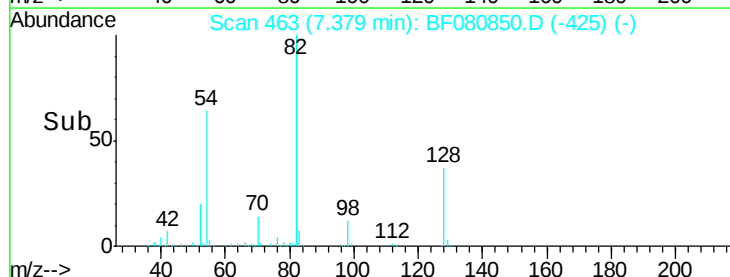
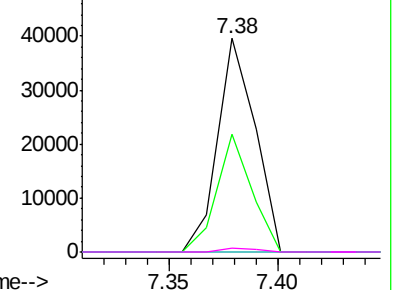


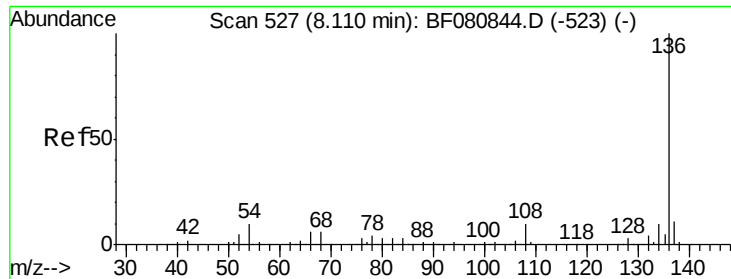
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

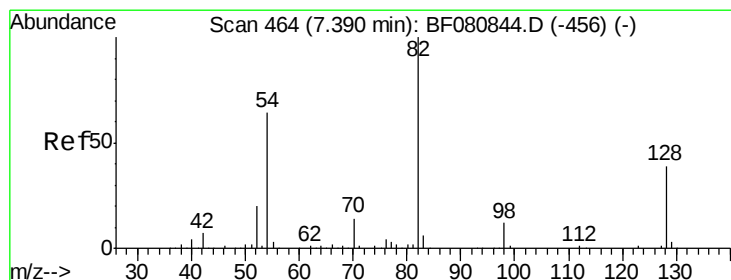
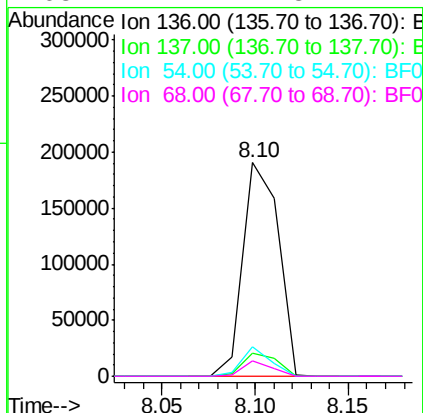
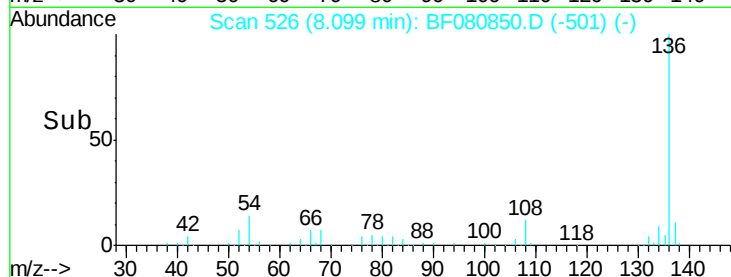
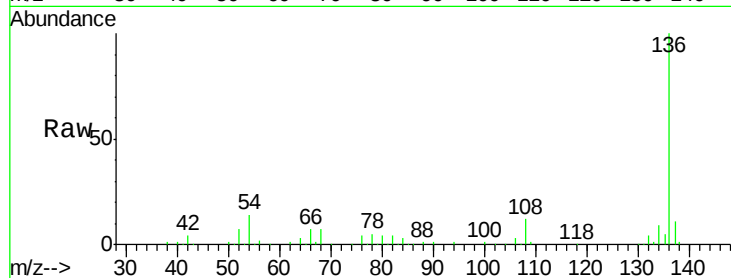




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

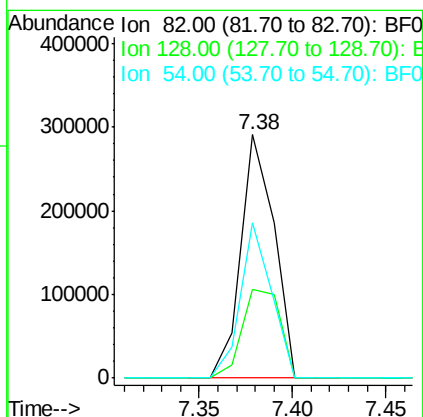
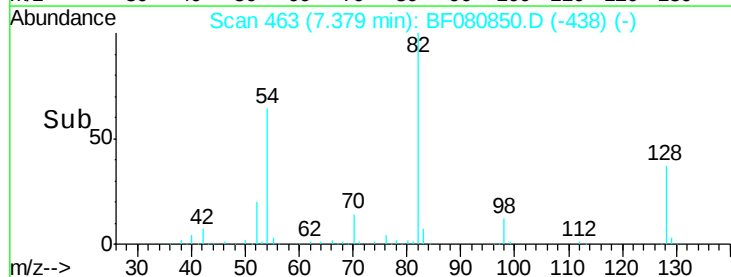
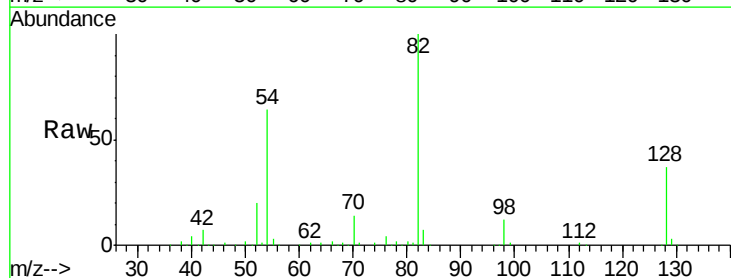
Instrument :
BNA_F
ClientSampleId :
PB84692BL

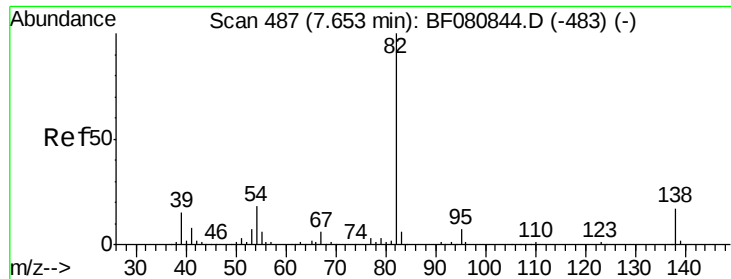
Tot Ion:136 Resp: 251726
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 13.8 8.3 12.5#
68 7.4 4.8 7.2#



#23
Nitrobenzene-d5
Concen: 68.11 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion: 82 Resp: 363800
Ion Ratio Lower Upper
82 100
128 36.5 31.0 46.4
54 63.8 51.0 76.6





#25

Isophorone

Concen: 34.57 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.27 min

Lab File: BF080850.D

Acq: 4 Aug 2015 21:21

Instrument :

BNA_F

ClientSampleId :

PB84692BL

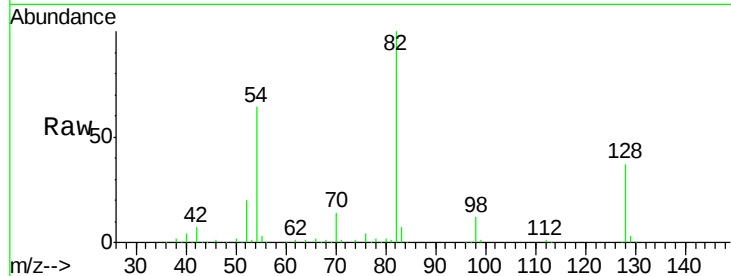
Tot Ion: 82 Resp: 327218

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

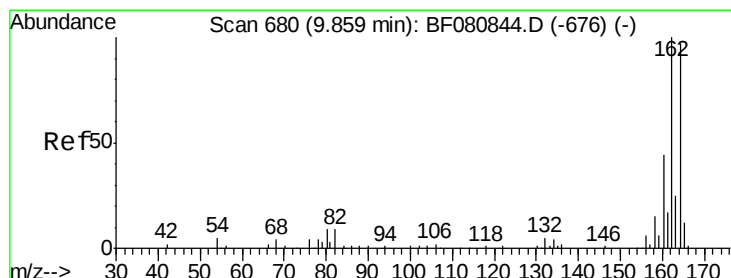
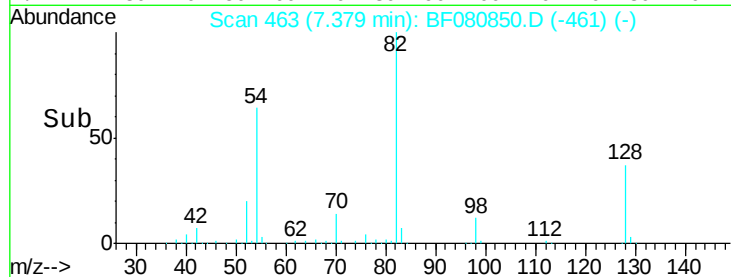
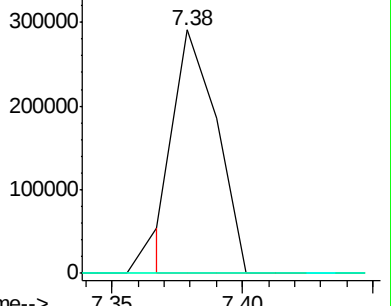
138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF080844.D (-483) (-)

Ion 95.00 (94.70 to 95.70): BF080844.D (-483) (-)

Ion 138.00 (137.70 to 138.70): BF080844.D (-483) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF080850.D

Acq: 4 Aug 2015 21:21

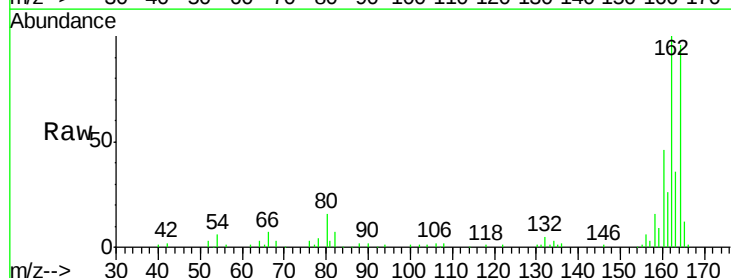
Tgt Ion: 164 Resp: 115268

Ion Ratio Lower Upper

164 100

162 104.1 82.9 124.3

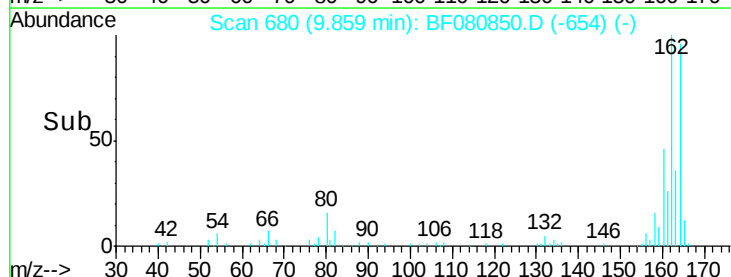
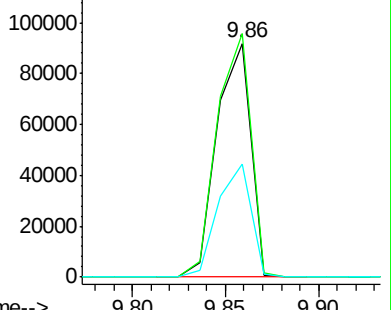
160 48.2 36.6 54.8

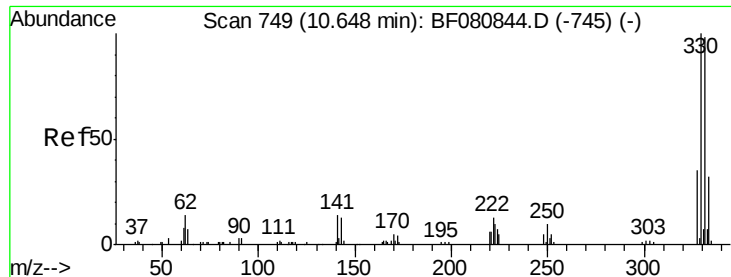


Abundance Ion 164.00 (163.70 to 164.70): BF080844.D (-676) (-)

Ion 162.00 (161.70 to 162.70): BF080844.D (-676) (-)

Ion 160.00 (159.70 to 160.70): BF080844.D (-676) (-)

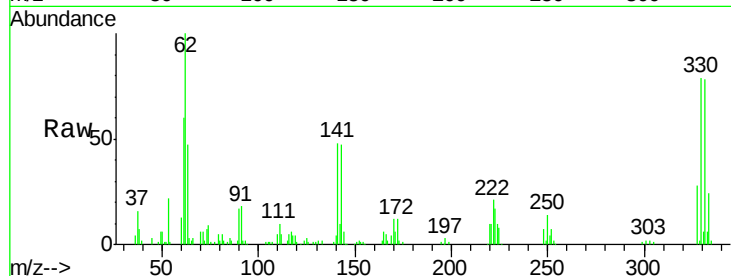




#41
 2,4,6-Tribromophenol
 Concen: 99.41 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF080850.D
 Acq: 4 Aug 2015 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.8	116.8
141	37.8	28.4	42.6

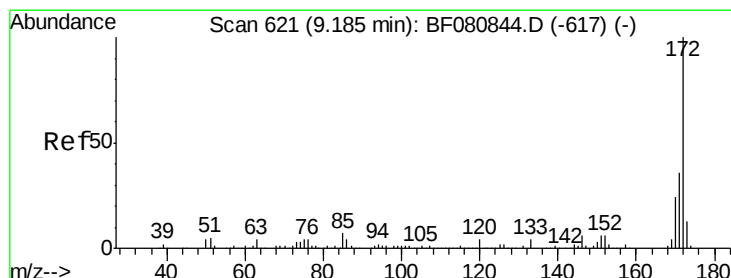
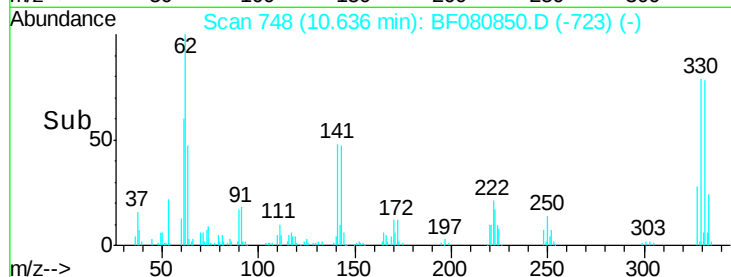
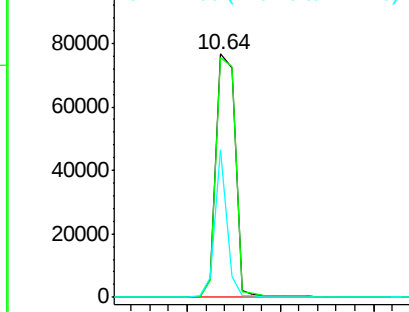


Abundance

Ion 329.80 (329.50 to 330.50): E

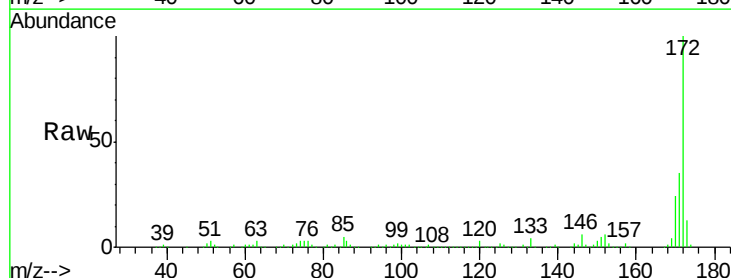
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.17 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080850.D
 Acq: 4 Aug 2015 21:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.9	19.4	29.2

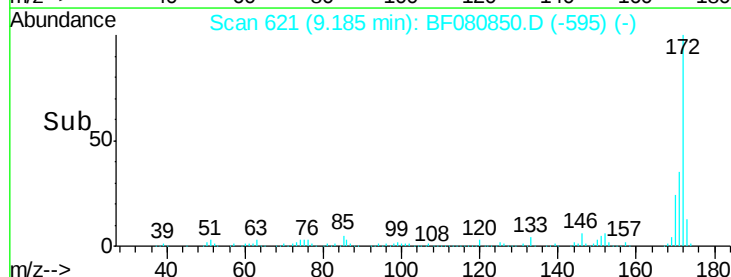
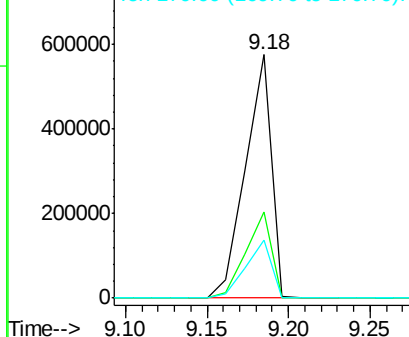


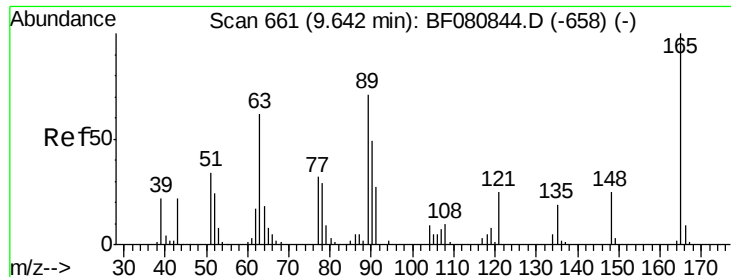
Abundance

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: 8.23 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.22 min

Lab File: BF080850.D

Acq: 4 Aug 2015 21:21

Instrument :

BNA_F

ClientSampleId :

PB84692BL

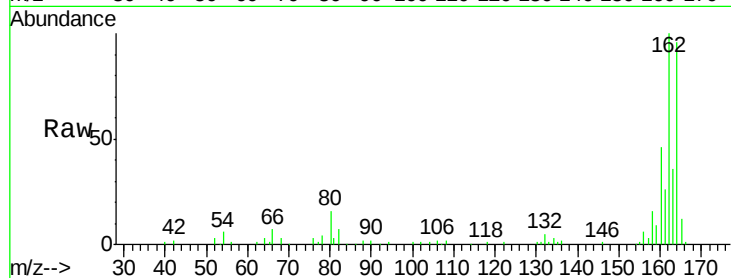
Tot Ion:165 Resp: 14469

Ion Ratio Lower Upper

165 100

63 0.0 65.0 97.6#

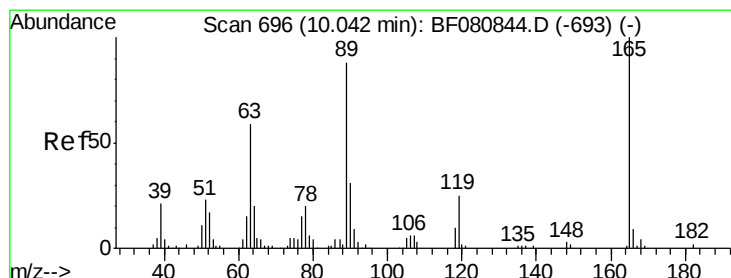
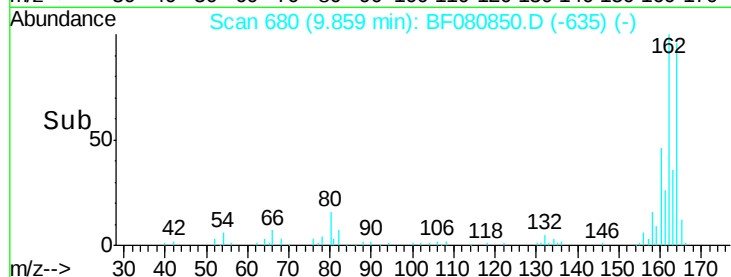
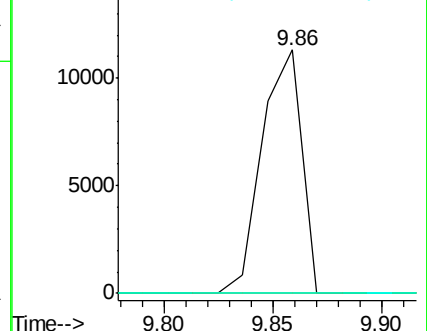
89 0.0 56.6 85.0#



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: 6.52 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.18 min

Lab File: BF080850.D

Acq: 4 Aug 2015 21:21

Tgt Ion:165 Resp: 14469

Ion Ratio Lower Upper

165 100

63 0.0 47.2 70.8#

89 0.0 70.2 105.2#

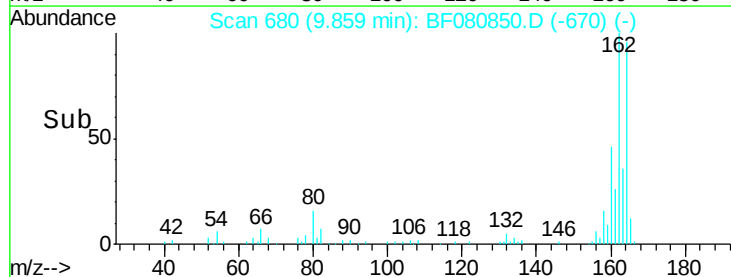
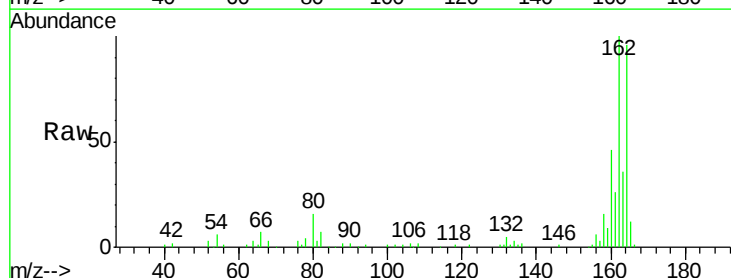
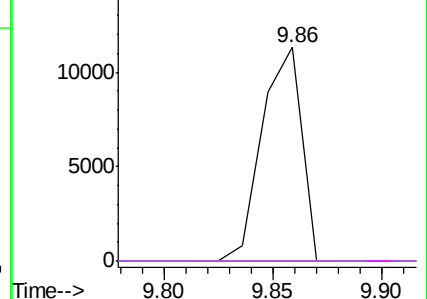
182 0.0 1.5 2.3#

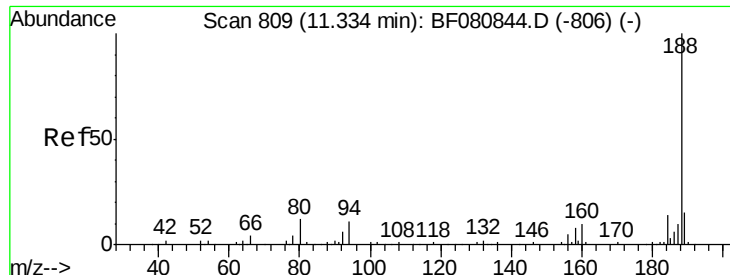
Abundance Ion 165.00 (164.70 to 165.70): E

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

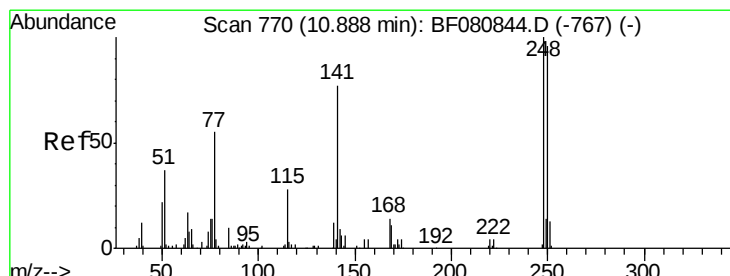
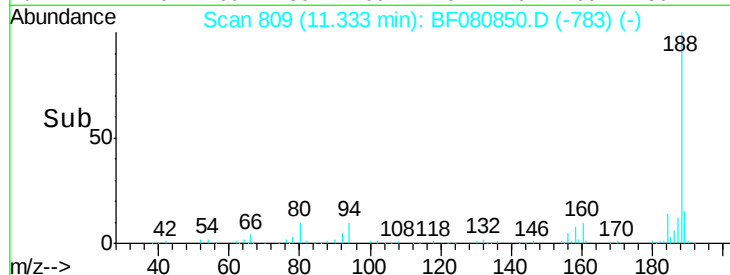
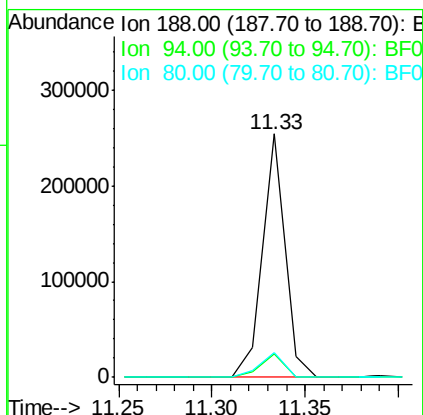
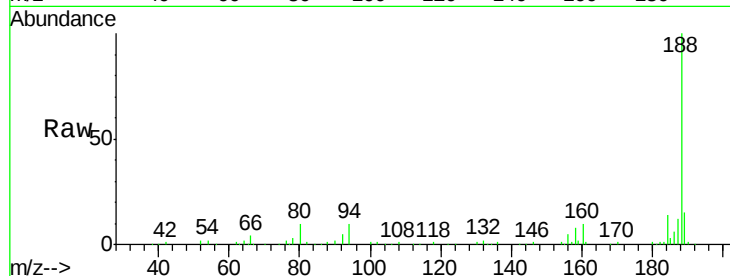




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

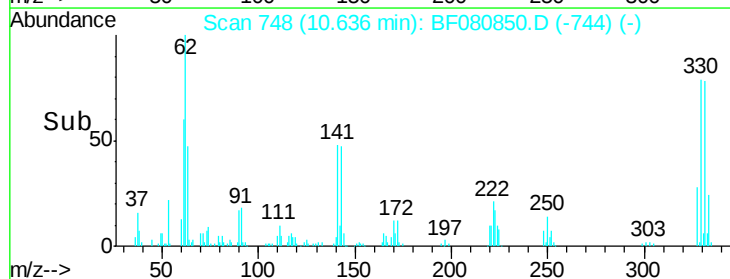
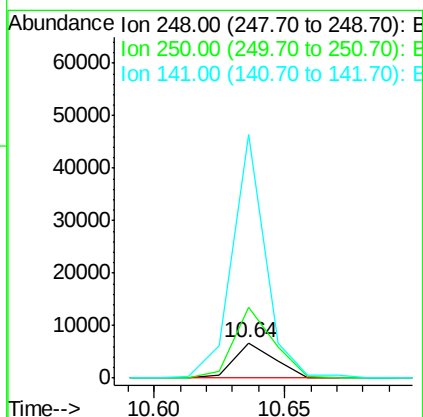
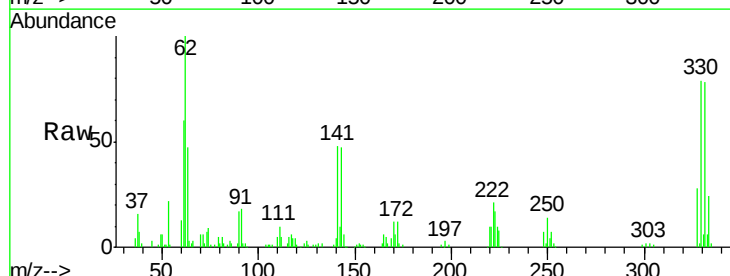
Instrument :
BNA_F
ClientSampleId :
PB84692BL

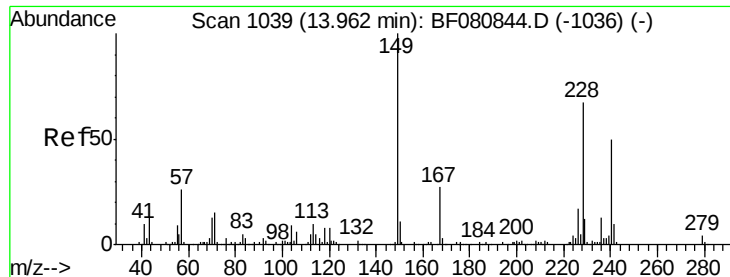
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	12.8
80	10.4	9.3	13.9



#66
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.4	77.2	115.8#
141	696.3	61.4	92.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080850.D

Acq: 4 Aug 2015 21:21

Instrument :

BNA_F

ClientSampleId :

PB84692BL

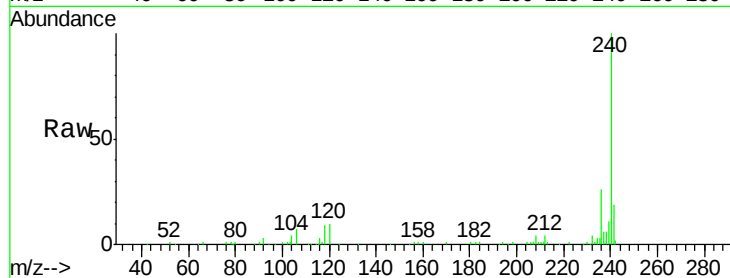
Tot Ion:240 Resp: 134899

Ion Ratio Lower Upper

240 100

120 9.9 13.0 19.6#

236 25.7 20.7 31.1



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

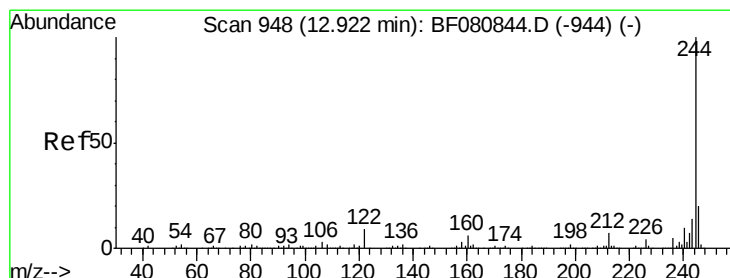
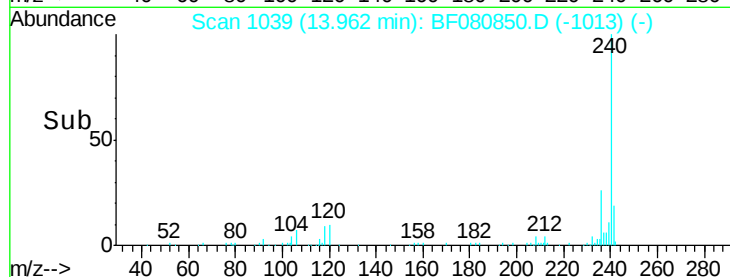
13.96

100000

50000

0

Time--> 13.90 13.95 14.00 14.05



#78

Terphenyl-d14

Concen: 64.47 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF080850.D

Acq: 4 Aug 2015 21:21

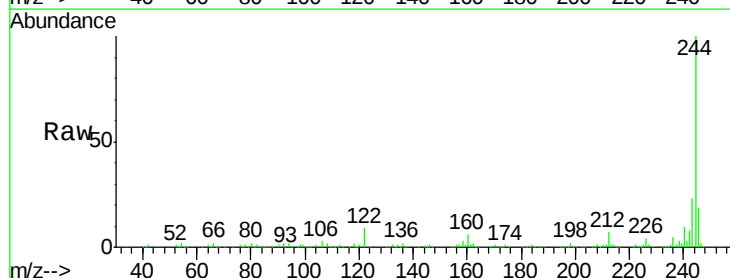
Tgt Ion:244 Resp: 480535

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 9.1 7.1 10.7



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

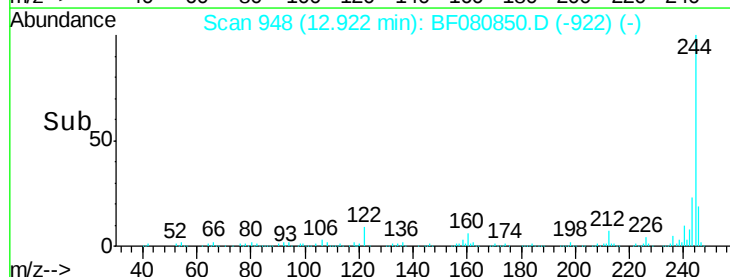
12.92

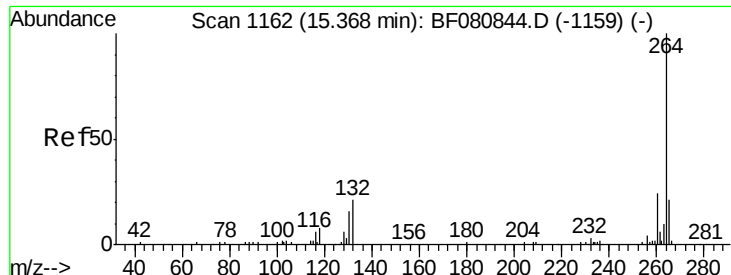
400000

200000

0

Time--> 12.85 12.90 12.95 13.00

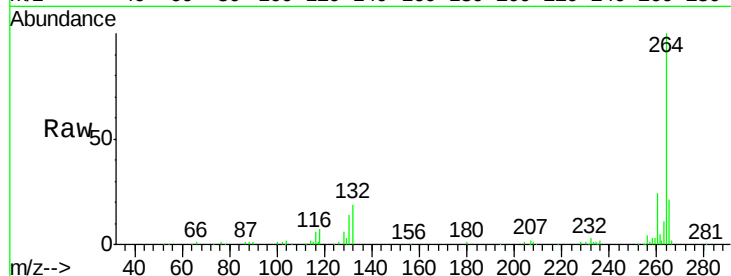




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF080850.D
Acq: 4 Aug 2015 21:21

Instrument :
BNA_F
ClientSampleId :
PB84692BL

Tot Ion:	264	Resp:	104255
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	21.1	16.8	25.2



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

