

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084861.D
 Acq On : 5 Feb 2016 15:56
 Operator : SJ/IZ
 Sample : H1347-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-196-242-COMPOSITE

Quant Time: Feb 05 22:18:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

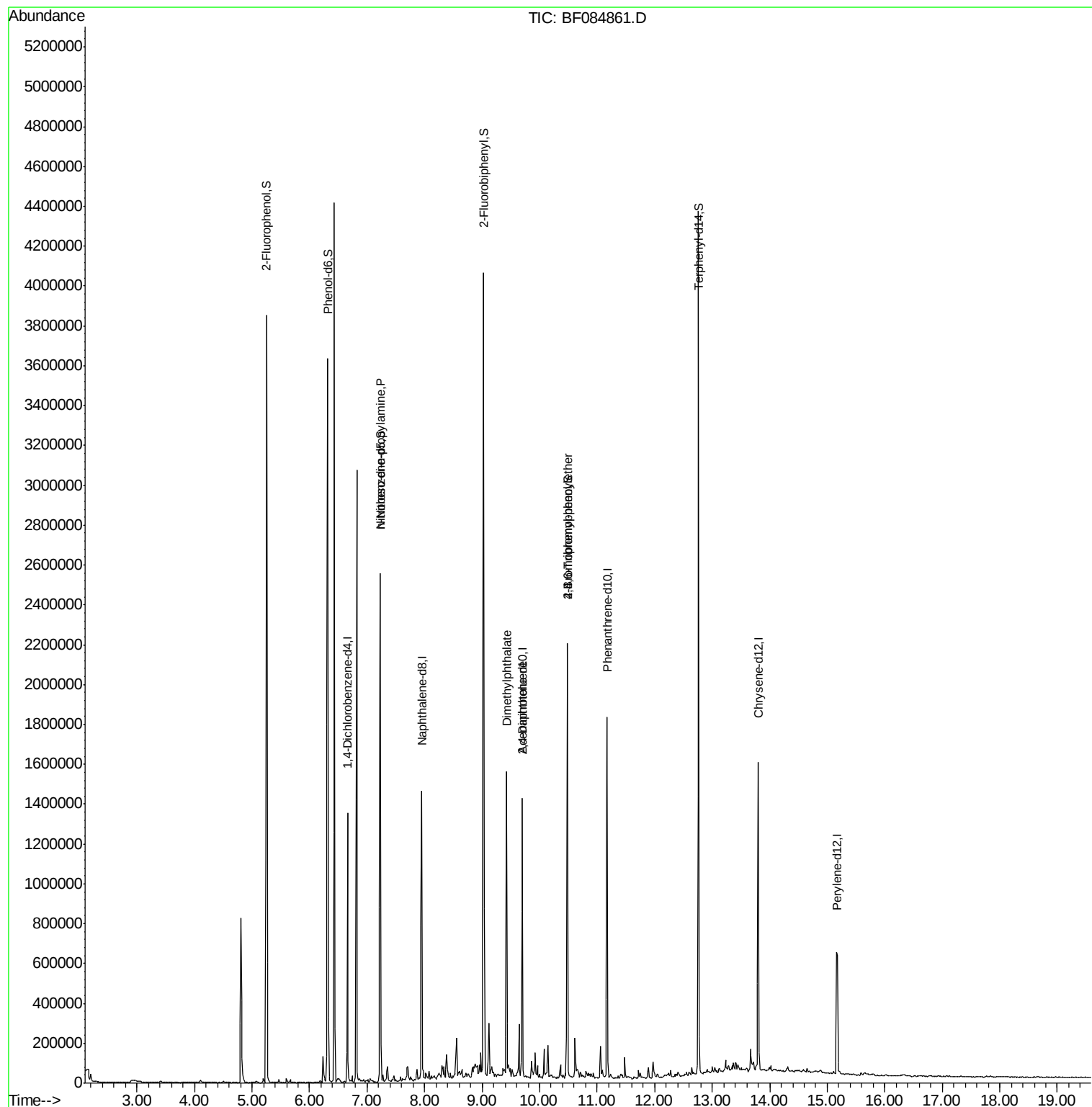
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177064	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	737634	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	327993	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	624867	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	516370	20.00	ng	-0.03
86) Perylene-d12	15.17	264	343868	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1065399	93.72	ng	-0.02
7) Phenol-d6	6.32	99	1368408	97.10	ng	-0.02
23) Nitrobenzene-d5	7.23	82	841367	64.25	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	390697	114.20	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1282320	59.70	ng	-0.03
78) Terphenyl-d14	12.76	244	1316561	57.78	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	119300	13.50	ng	# 73
49) Dimethylphthalate	9.42	163	524766	21.01	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	40928	5.88	ng	# 22
66) 4-Bromophenyl-phenylether	10.49	248	24360	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: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

Instrument :

BNA_F

ClientSampleId :

DRUM-196-242-COMPOSITE

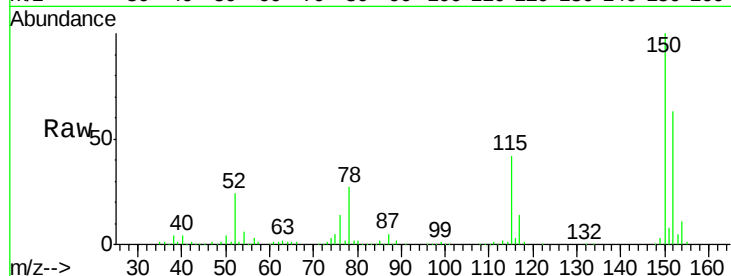
Tgt Ion:152 Resp: 177064

Ion Ratio Lower Upper

152 100

150 158.2 123.0 184.4

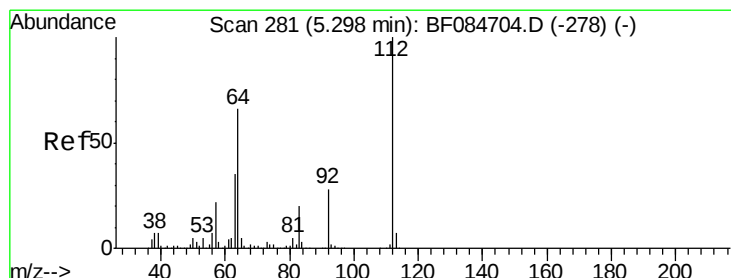
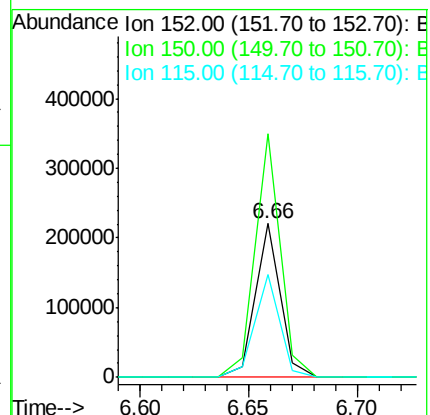
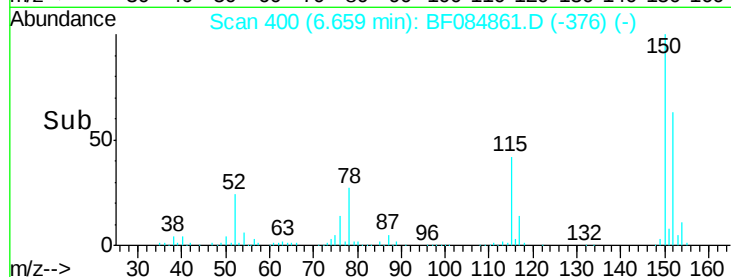
115 67.0 51.4 77.2



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: 93.72 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

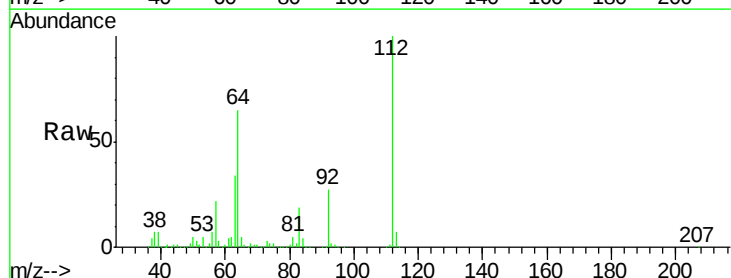
Tgt Ion:112 Resp: 1065399

Ion Ratio Lower Upper

112 100

64 64.8 36.6 55.0#

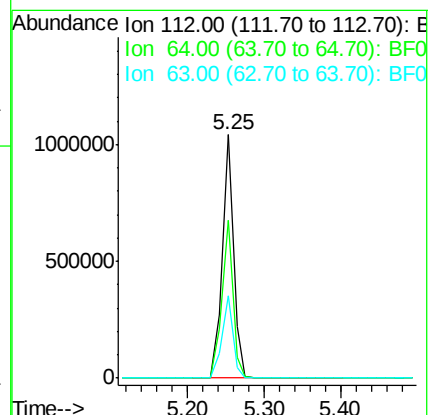
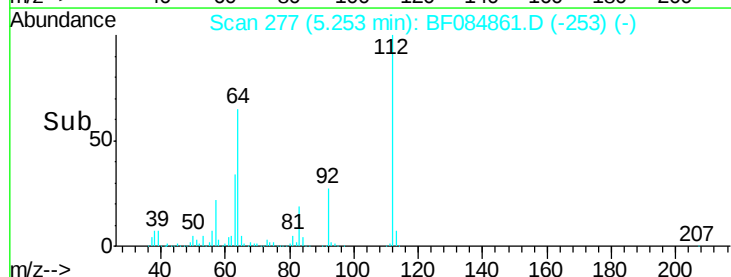
63 34.0 19.4 29.0#



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: 97.10 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

Instrument :

BNA_F

ClientSampleId :

DRUM-196-242-COMPOSITE

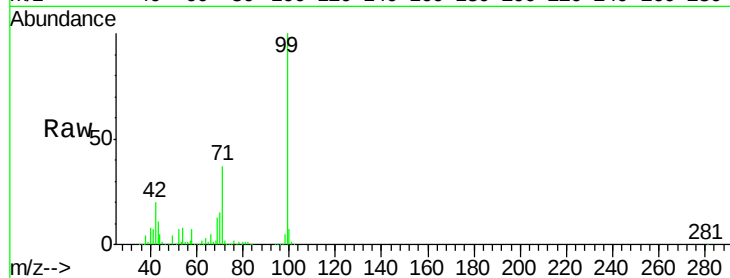
Tgt Ion: 99 Resp: 1368408

Ion Ratio Lower Upper

99 100

42 20.1 12.8 19.2#

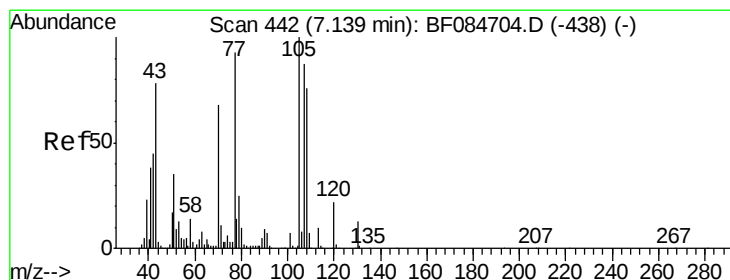
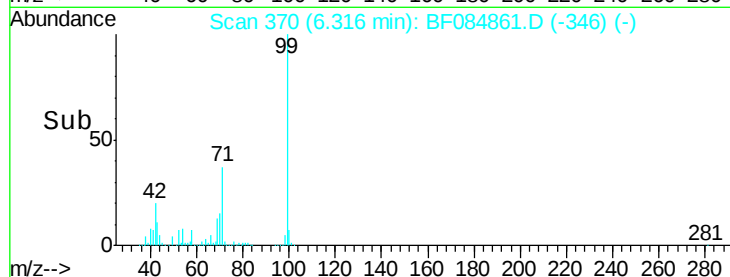
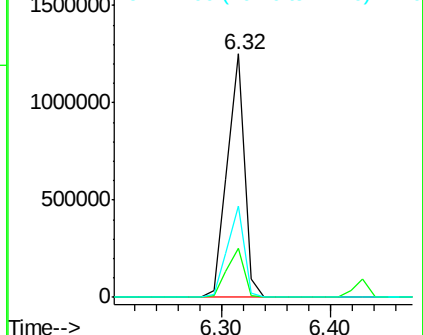
71 37.4 30.9 46.3



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: 13.50 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.11 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

Tgt Ion: 70 Resp: 119300

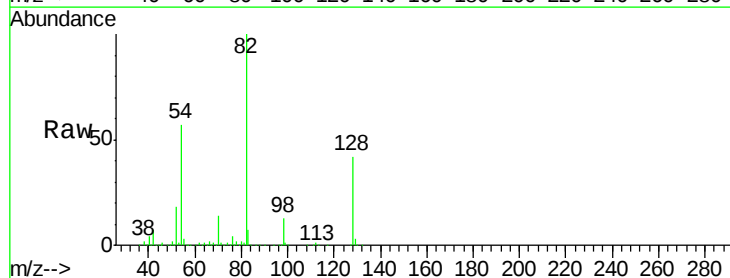
Ion Ratio Lower Upper

70 100

42 47.3 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

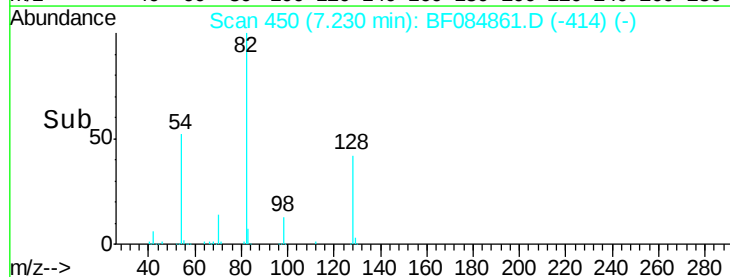
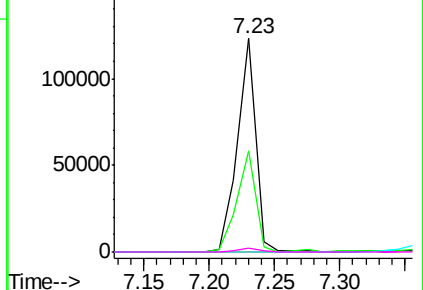


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

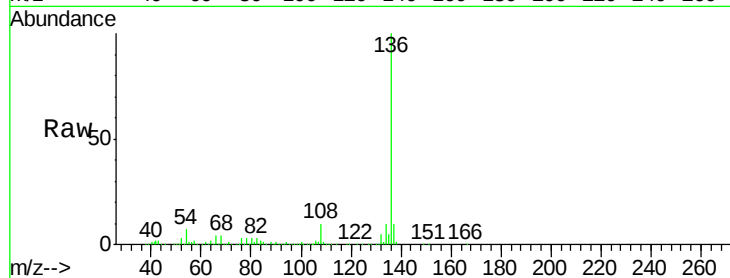
Instrument :

BNA_F

ClientSampleId :

DRUM-196-242-COMPOSITE

Tgt Ion:	136	Resp:	737634
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.7	13.1
54	6.7	5.8	8.8
68	4.1	4.2	6.2#



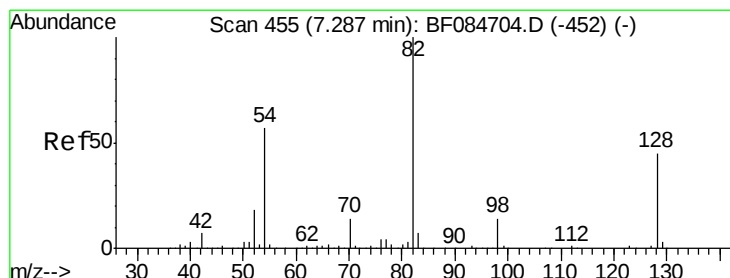
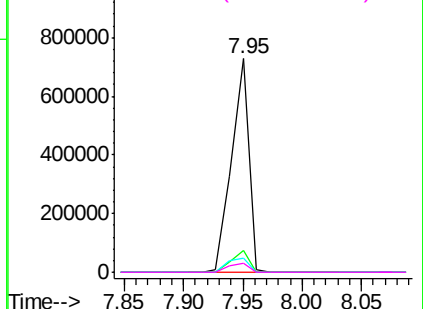
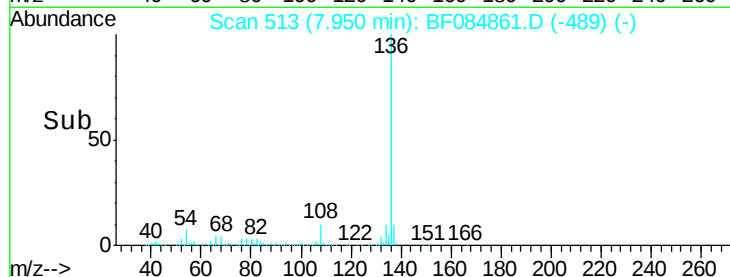
Abundance

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: 64.25 ng

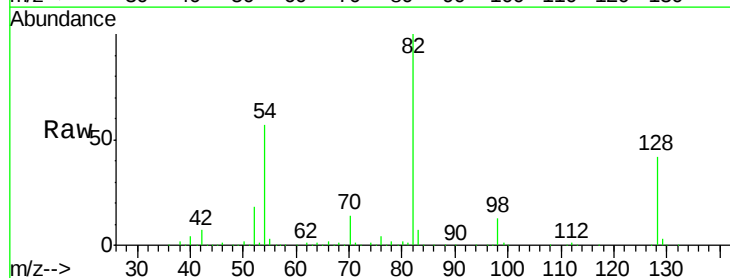
RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

Tgt Ion:	82	Resp:	841367
Ion Ratio	Lower	Upper	
82	100		
128	41.7	34.6	51.8
54	57.0	38.4	57.6

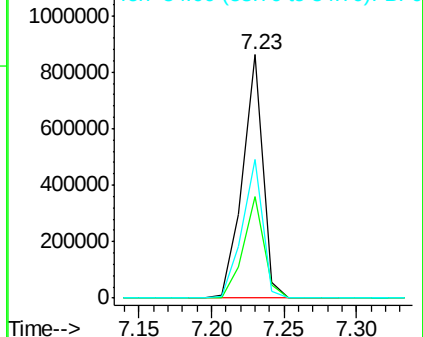
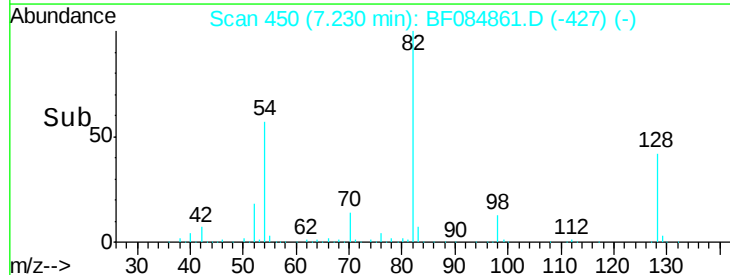


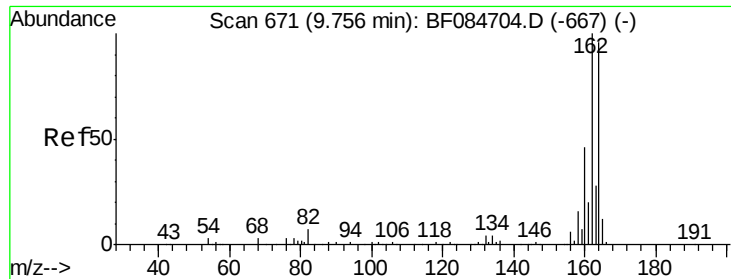
Abundance

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

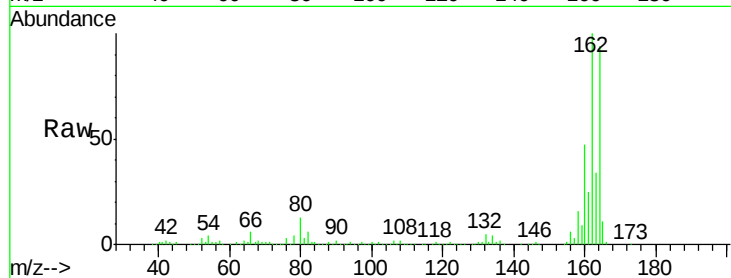




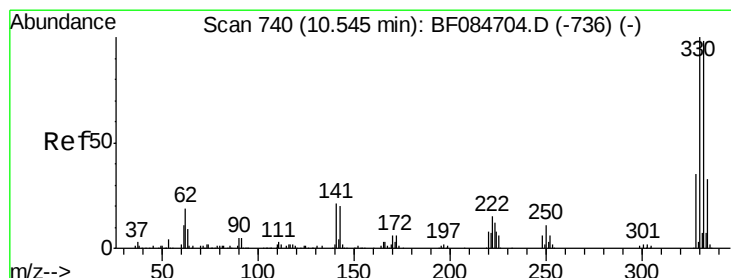
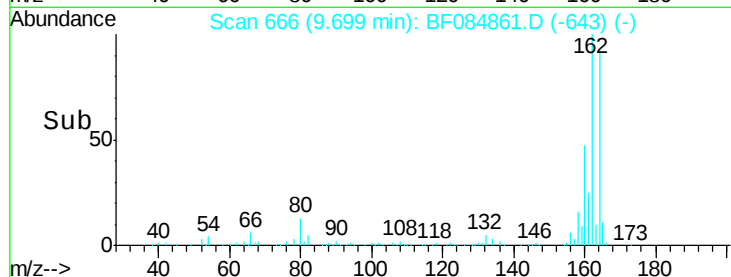
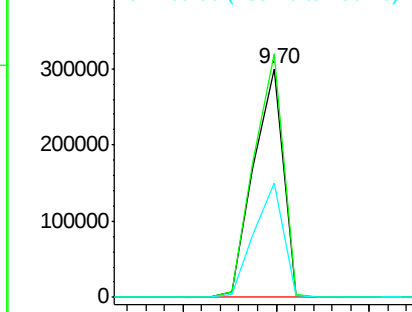
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084861.D
Acq: 5 Feb 2016 15:56

Instrument :
BNA_F
ClientSampleId :
DRUM-196-242-COMPOSITE

Tgt Ion:164 Resp: 327993
Ion Ratio Lower Upper
164 100
162 106.7 85.1 127.7
160 50.3 37.5 56.3

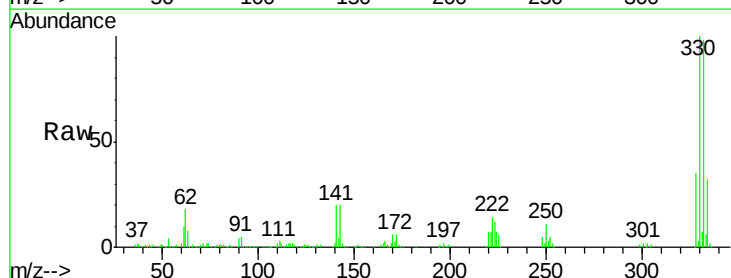


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

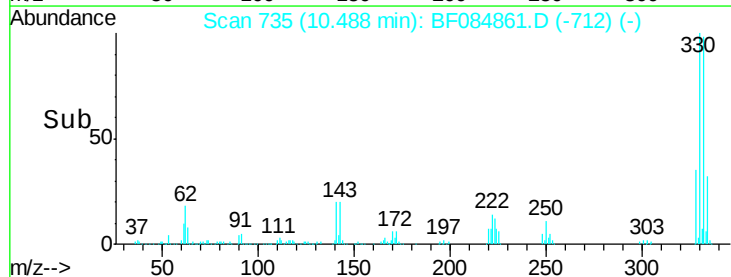
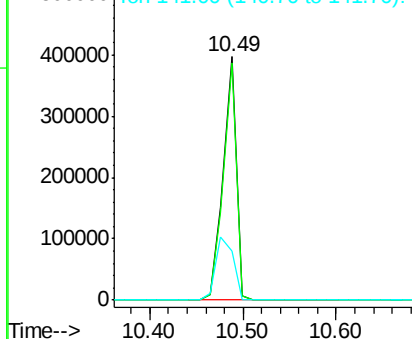


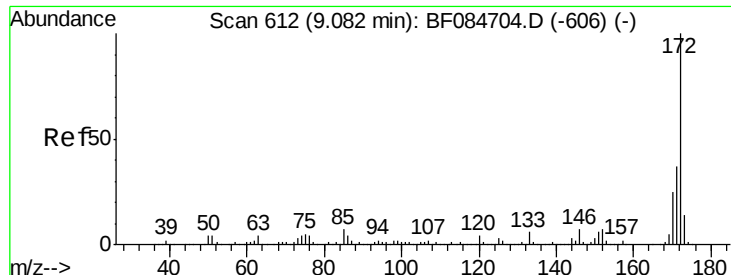
#41
2,4,6-Tribromophenol
Concen: 114.20 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084861.D
Acq: 5 Feb 2016 15:56

Tgt Ion:330 Resp: 390697
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 34.6 27.8 41.6



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

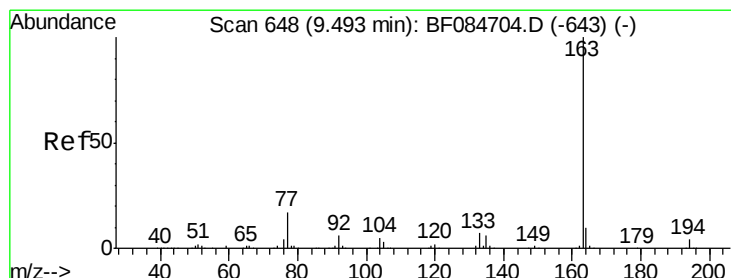
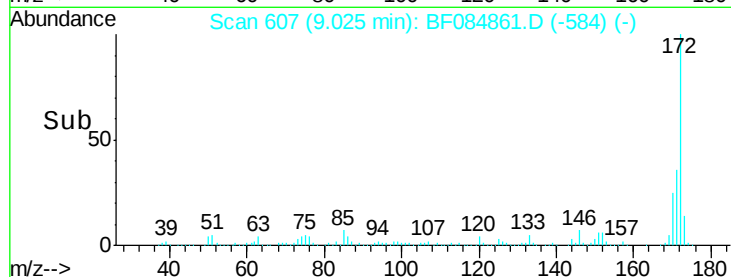
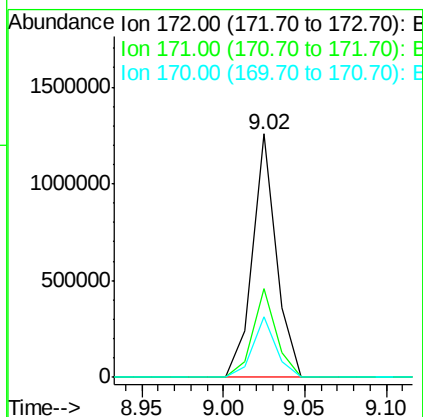
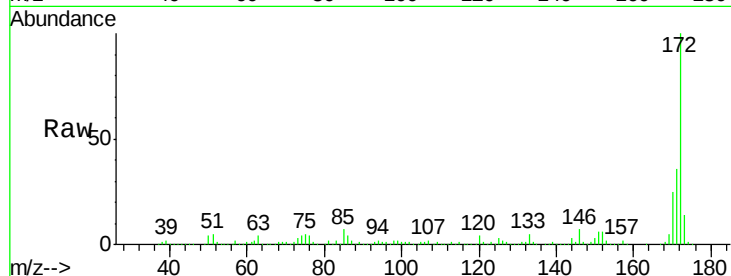




#44
2-Fluorobiphenyl
Concen: 59.70 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084861.D
Acq: 5 Feb 2016 15:56

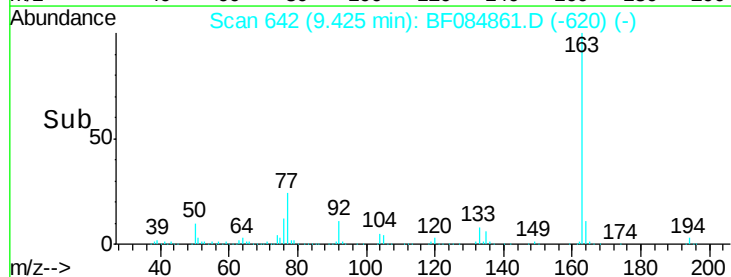
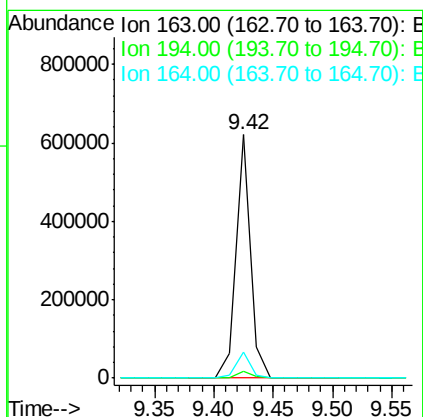
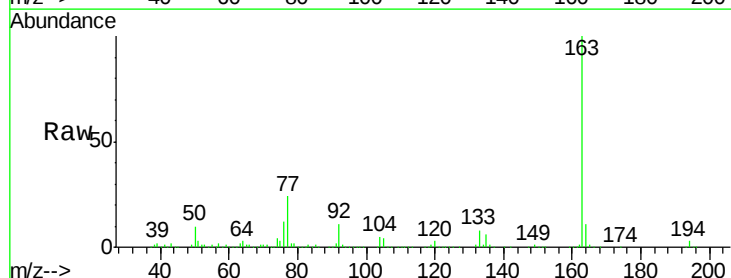
Instrument :
BNA_F
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DRUM-196-242-COMPOSITE

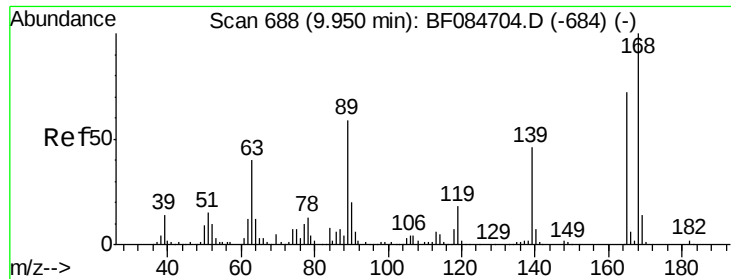
Tgt Ion:172 Resp: 1282320
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 24.7 18.6 27.8



#49
Dimethylphthalate
Concen: 21.01 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084861.D
Acq: 5 Feb 2016 15:56

Tgt Ion:163 Resp: 524766
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.6 8.0 12.0

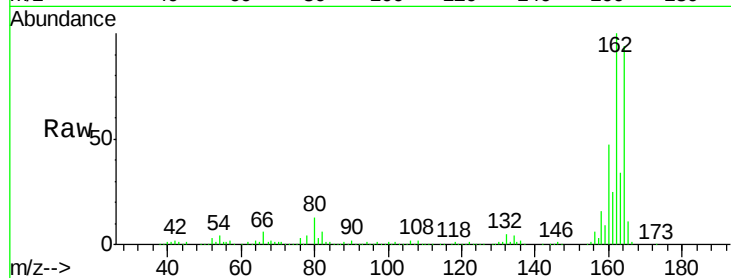




#56
 2,4-Dinitrotoluene
 Concen: 5.88 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084861.D
 Acq: 5 Feb 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-196-242-COMPOSITE

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.7	55.1#
89	2.3	61.9	92.9#
182	0.0	2.0	3.0#

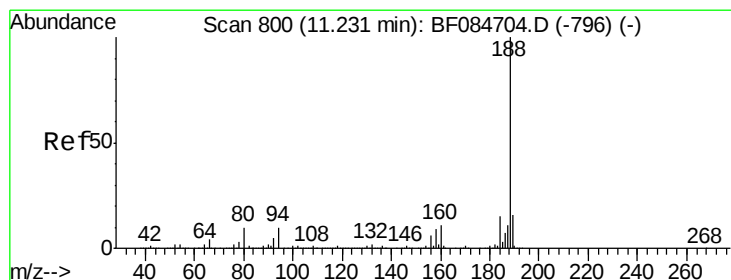
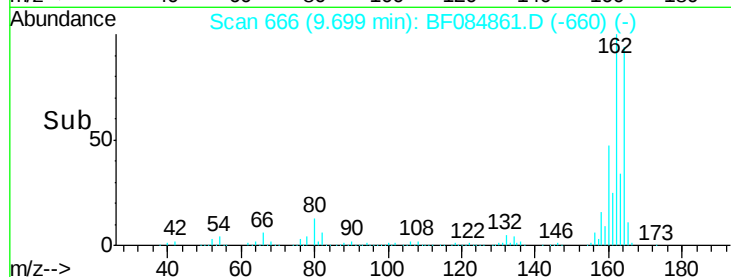
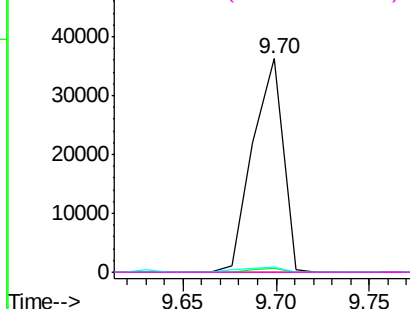


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

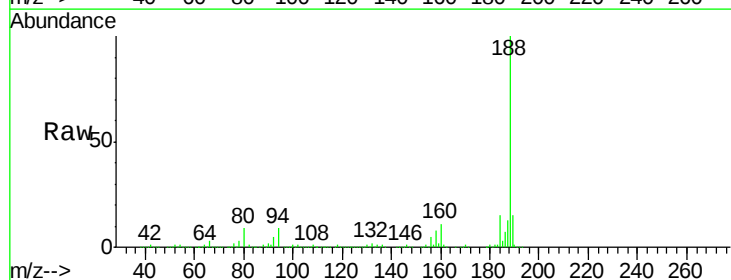
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF084861.D
 Acq: 5 Feb 2016 15:56

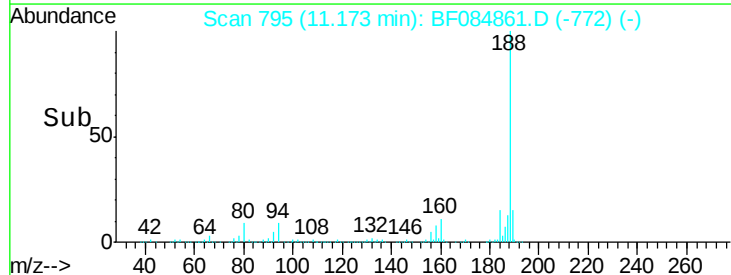
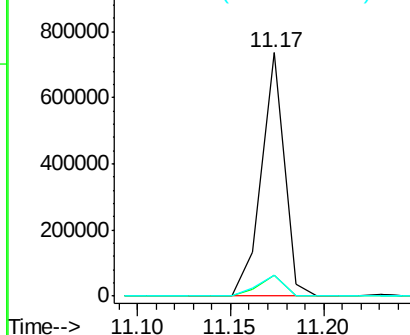
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	8.7	9.6	14.4#

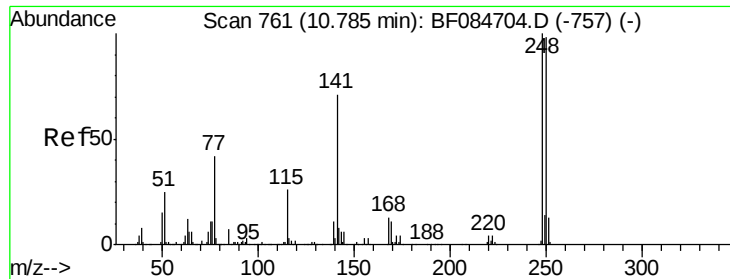


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

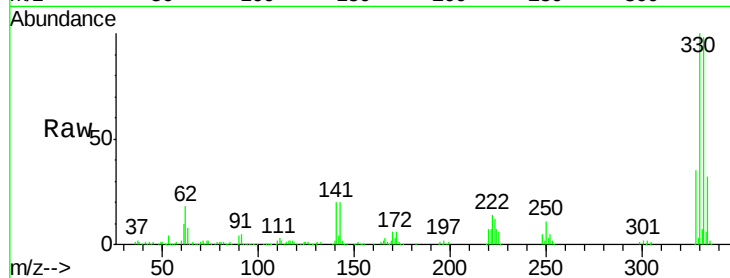




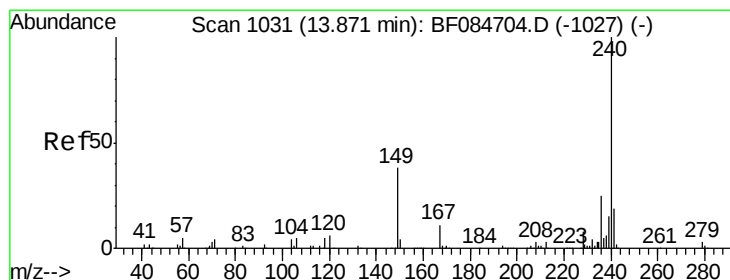
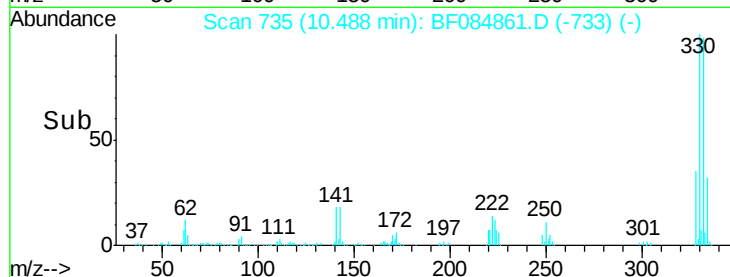
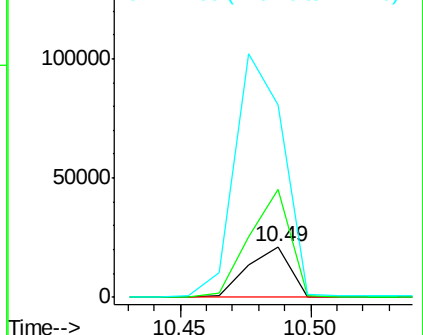
#66
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084861.D
Acq: 5 Feb 2016 15:56

Instrument :
BNA_F
ClientSampleId :
DRUM-196-242-COMPOSITE

Tgt Ion:248 Resp: 24360
Ion Ratio Lower Upper
248 100
250 212.9 78.4 117.6#
141 380.5 44.0 66.0#

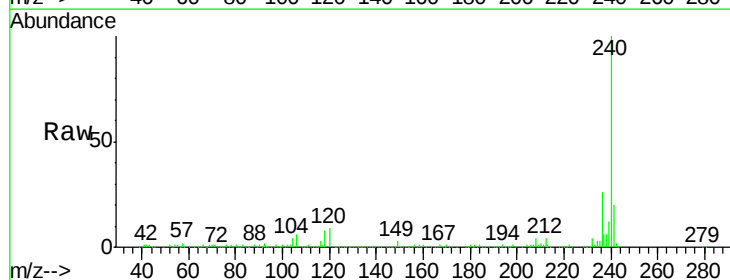


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

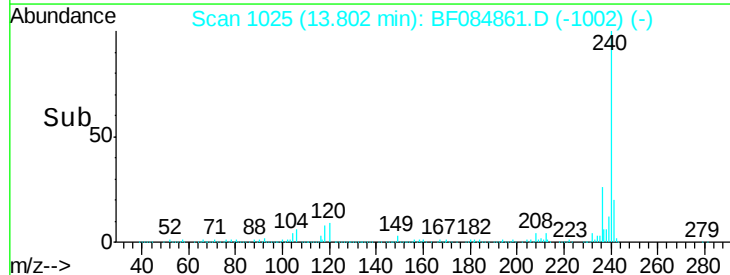
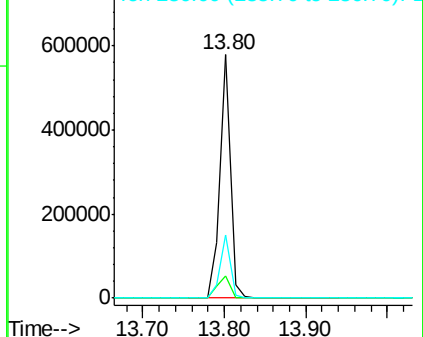


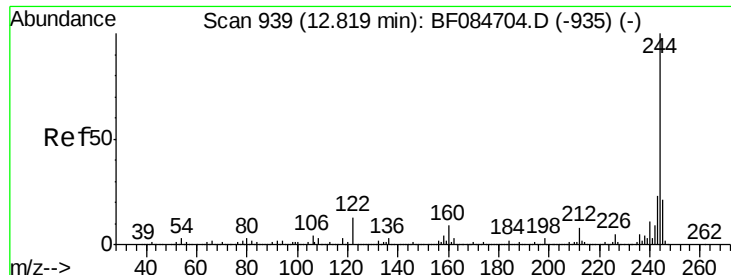
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084861.D
Acq: 5 Feb 2016 15:56

Tgt Ion:240 Resp: 516370
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 25.8 20.6 31.0



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: 57.78 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

Instrument :

BNA_F

ClientSampleId :

DRUM-196-242-COMPOSITE

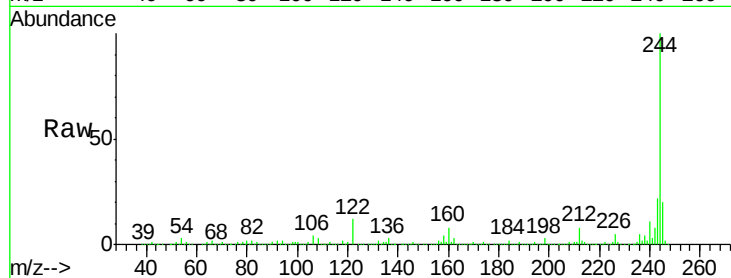
Tgt Ion:244 Resp: 1316561

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

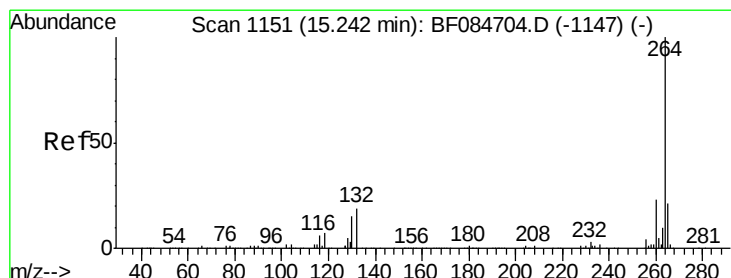
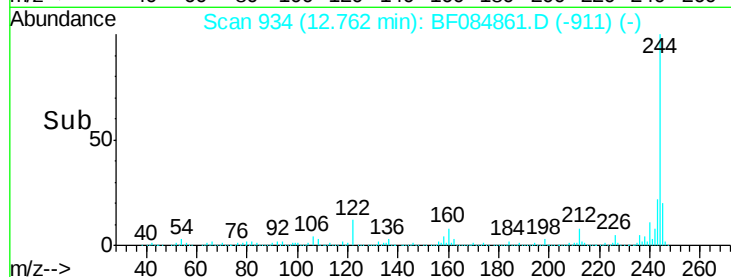
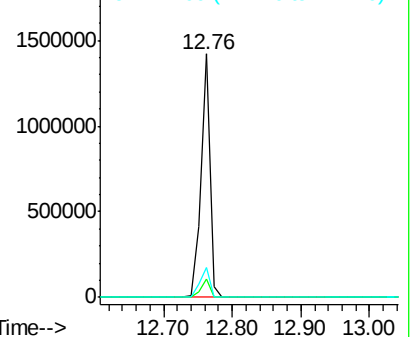
122 12.1 7.4 11.0#



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: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084861.D

Acq: 5 Feb 2016 15:56

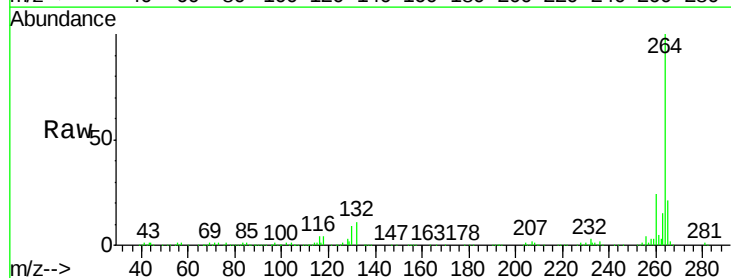
Tgt Ion:264 Resp: 343868

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.4 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

