

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084850.D
 Acq On : 5 Feb 2016 1:20
 Operator : SJ/IZ
 Sample : H1320-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B011(25-28)

Quant Time: Feb 05 03:40:16 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

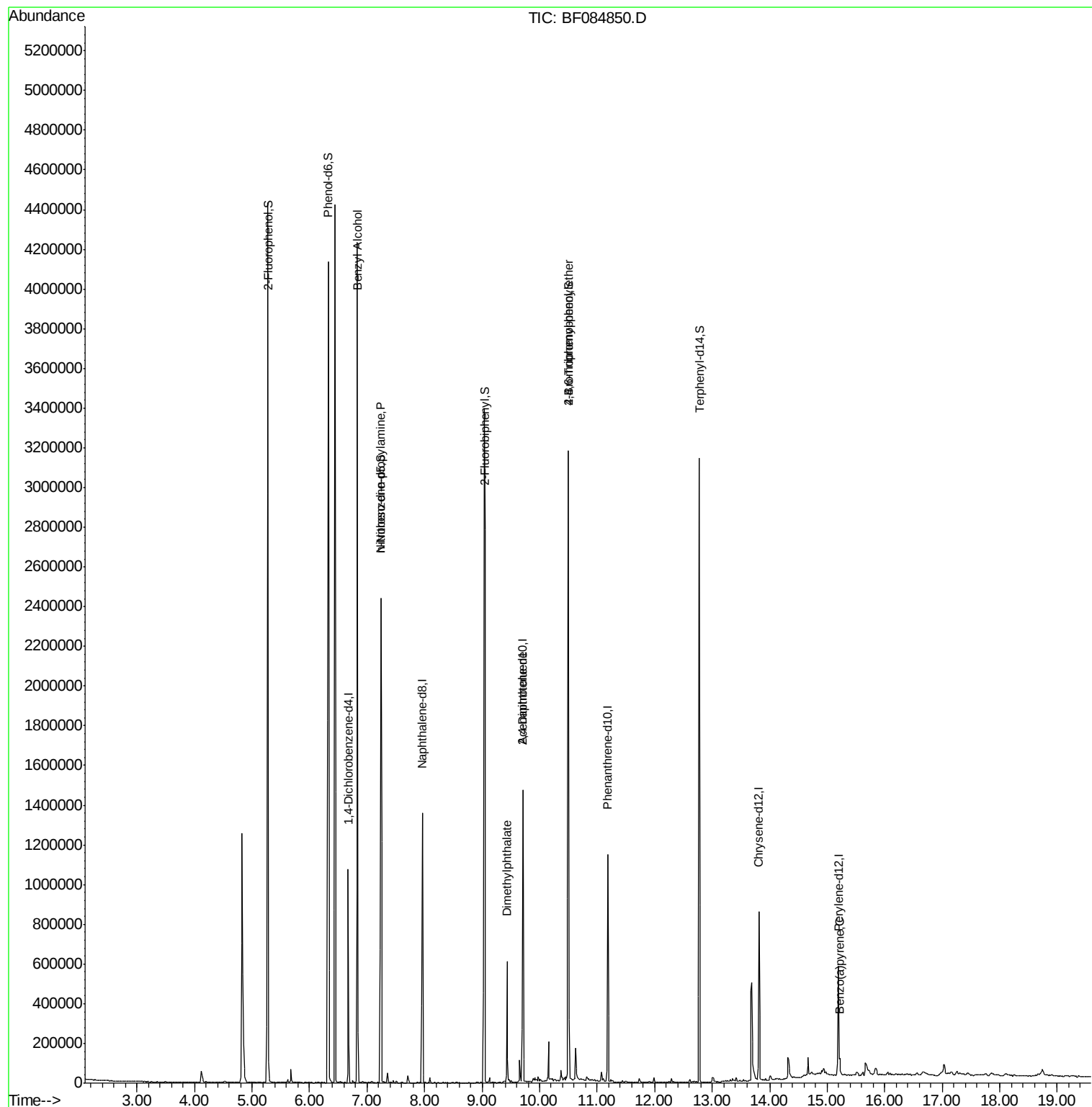
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	145655	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	621669	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	276211	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	419179	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	314161	20.00	ng	-0.02
86) Perylene-d12	15.20	264	296271	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1498488	160.24	ng	0.00
7) Phenol-d6	6.33	99	1551356	133.82	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1010395	91.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	349339	121.25	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1572045	103.29	ng	-0.01
78) Terphenyl-d14	12.77	244	1013400	73.10	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.83	79	19002	2.37	ng	# 49
19) n-Nitroso-di-n-propylamine	7.24	70	132156	18.19	ng	# 70
49) Dimethylphthalate	9.44	163	224796	10.69	ng	# 90
56) 2,4-Dinitrotoluene	9.71	165	35537	6.06	ng	# 21
66) 4-Bromophenyl-phenylether	10.50	248	22561	4.87	ng	# 1
89) Benzo(a)pyrene	15.22	252	37988	2.24	ng	# 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084850.D

Acq: 5 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

S4-B011(25-28)

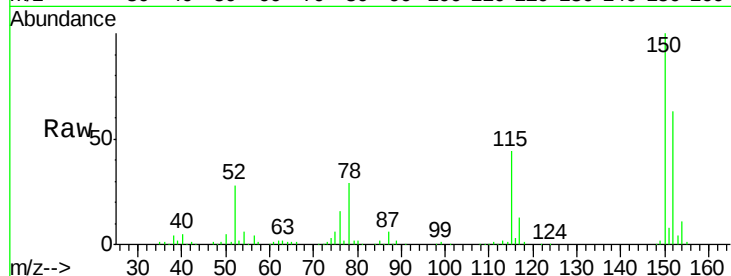
Tgt Ion:152 Resp: 145655

Ion Ratio Lower Upper

152 100

150 158.6 123.0 184.4

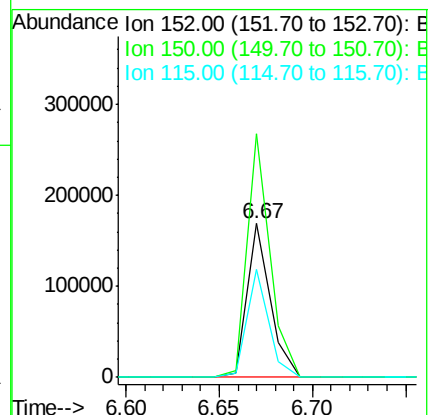
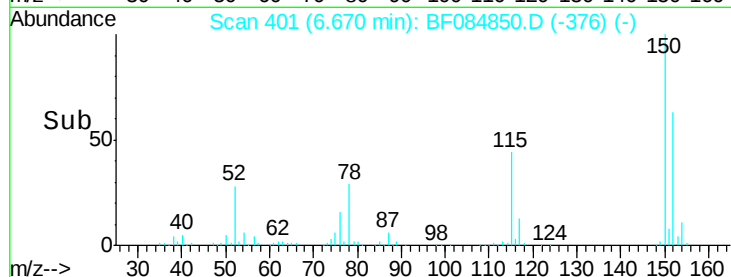
115 70.2 51.4 77.2



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: 160.24 ng

RT: 5.28 min Scan# 279

Delta R.T. -0.00 min

Lab File: BF084850.D

Acq: 5 Feb 2016 1:20

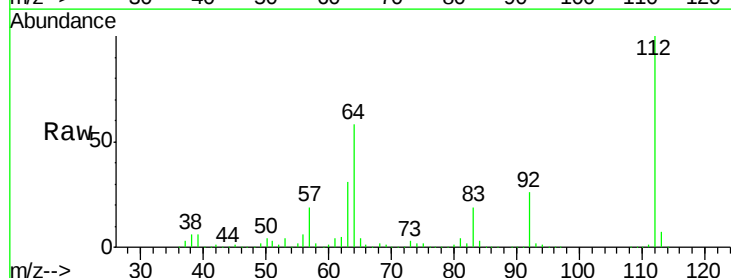
Tgt Ion:112 Resp: 1498488

Ion Ratio Lower Upper

112 100

64 58.4 36.6 55.0#

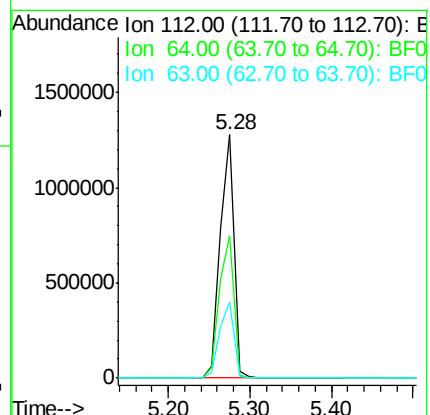
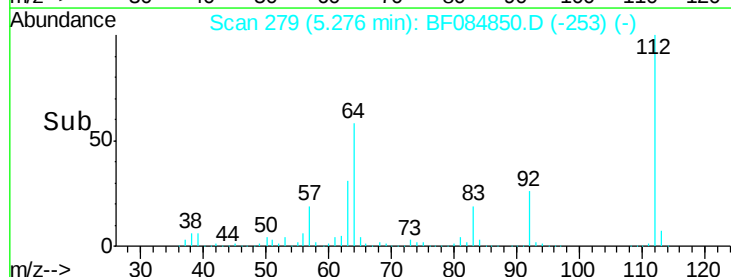
63 31.2 19.4 29.0#



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: 133.82 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084850.D

Acq: 5 Feb 2016 1:20

Instrument :

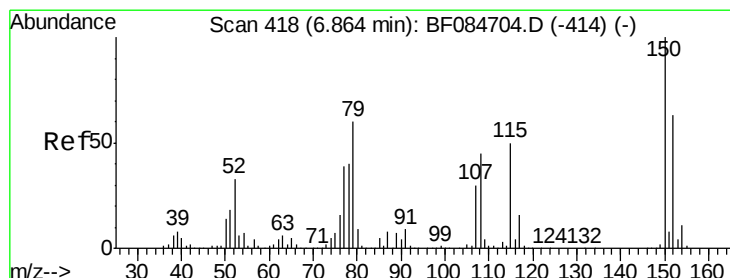
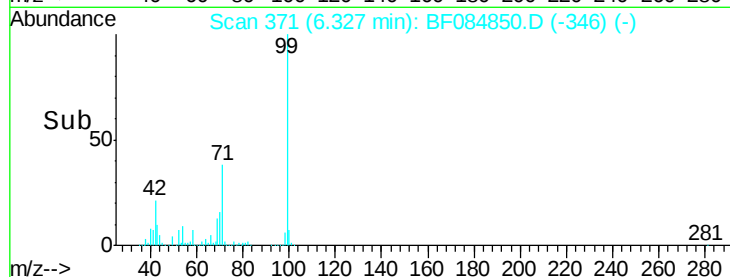
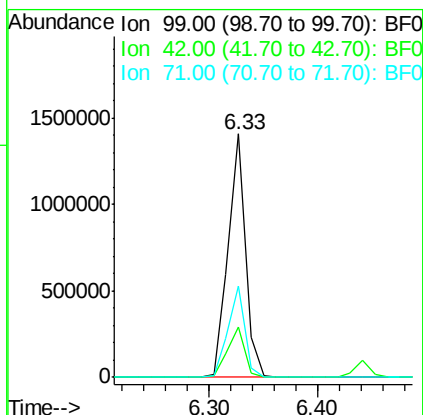
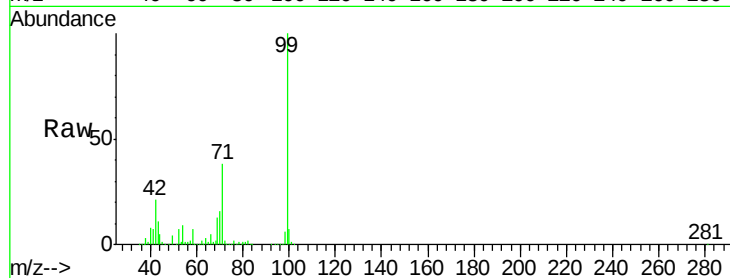
BNA_F

ClientSampleId :

S4-B011(25-28)

Tgt Ion: 99 Resp: 1551356

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	37.5	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 6.83 min Scan# 415

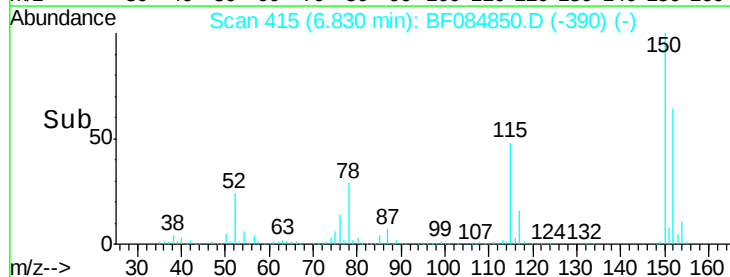
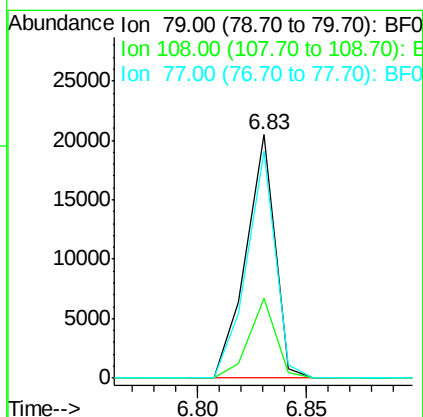
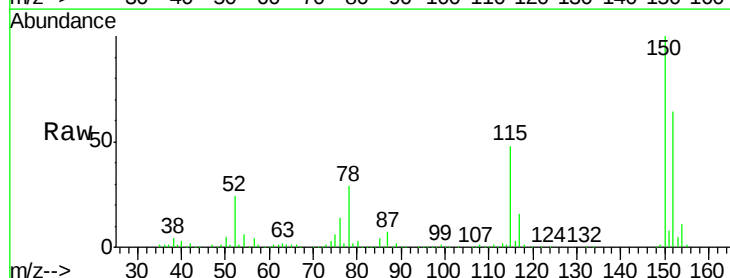
Delta R.T. -0.01 min

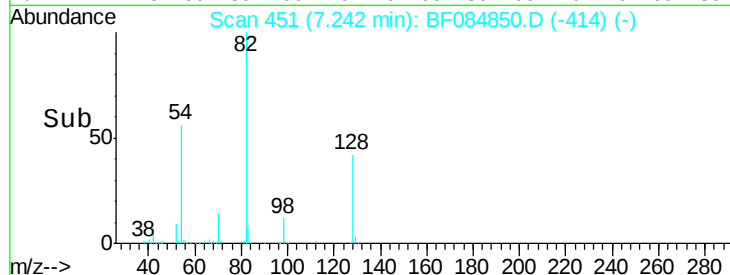
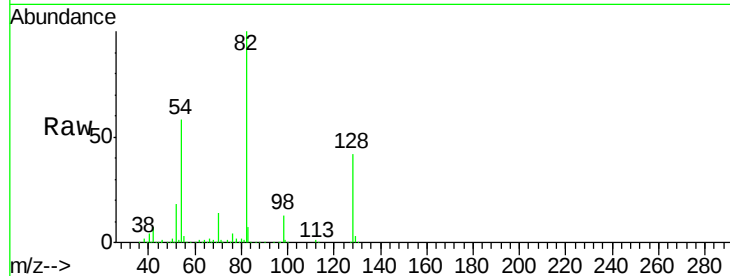
Lab File: BF084850.D

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Tgt Ion: 79 Resp: 19002

Ion	Ratio	Lower	Upper
79	100		
108	32.6	69.0	103.4#
77	93.5	50.0	75.0#

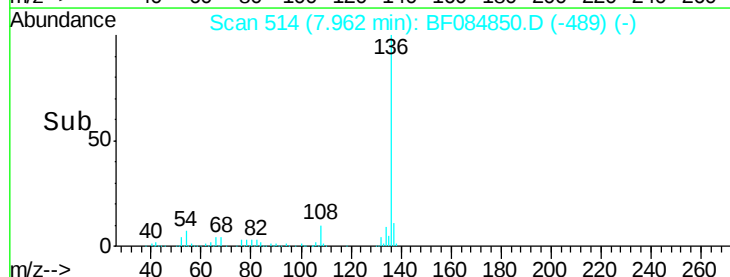
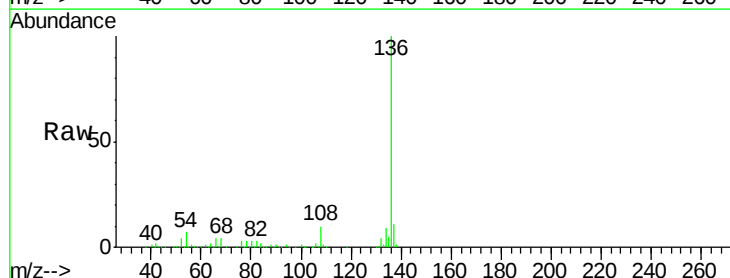
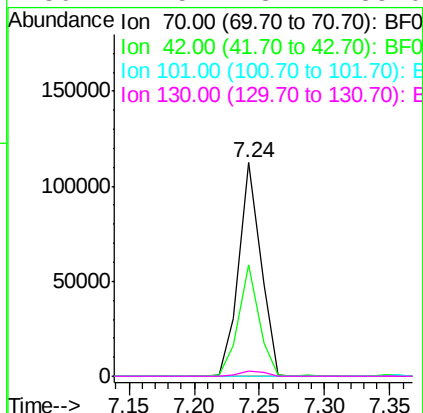




#19
n-Nitroso-di-n-propylamine
Concen: 18.19 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.13 min
Lab File: BF084850.D
Acq: 5 Feb 2016 1:20

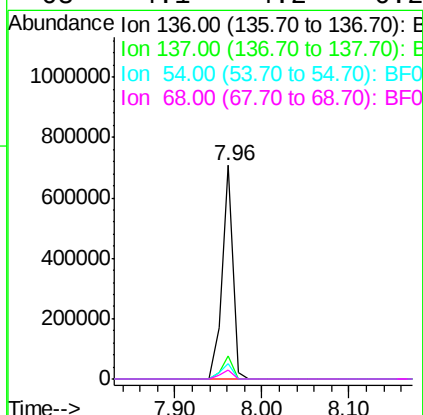
Instrument :
BNA_F
ClientSampleId :
S4-B011(25-28)

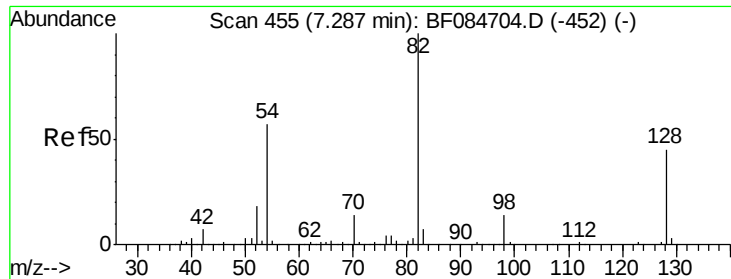
Tgt Ion: 70 Resp: 132156
Ion Ratio Lower Upper
70 100
42 52.3 33.3 49.9#
101 0.0 9.3 13.9#
130 2.5 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084850.D
Acq: 5 Feb 2016 1:20

Tgt Ion: 136 Resp: 621669
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.3 5.8 8.8
68 4.1 4.2 6.2#

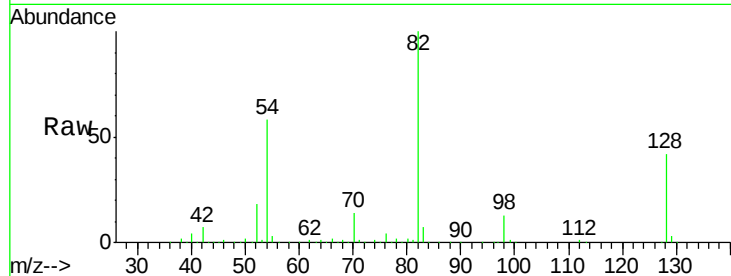




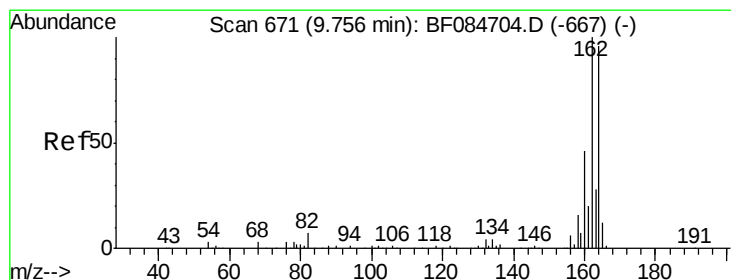
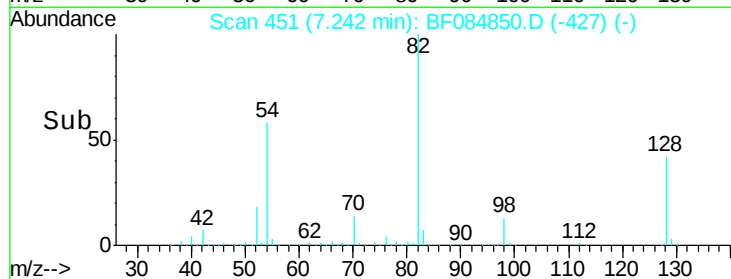
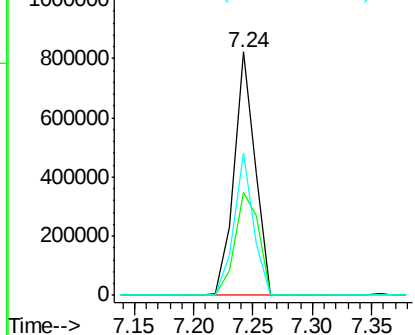
#23
 Nitrobenzene-d5
 Concen: 91.56 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084850.D
 Acq: 5 Feb 2016 1:20

Instrument :
 BNA_F
 ClientSampleId :
 S4-B011(25-28)

Tgt Ion: 82 Resp: 1010395
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 51.8
 54 58.3 38.4 57.6#

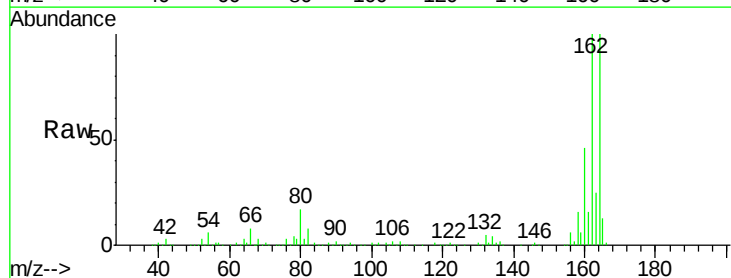


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

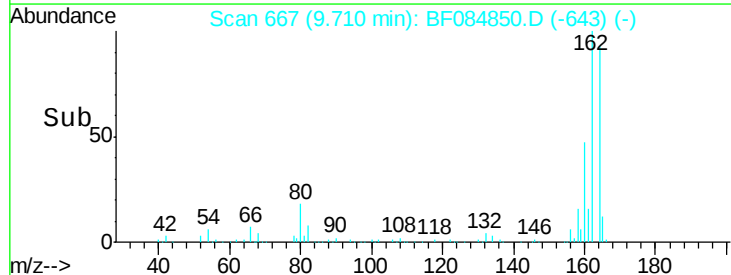
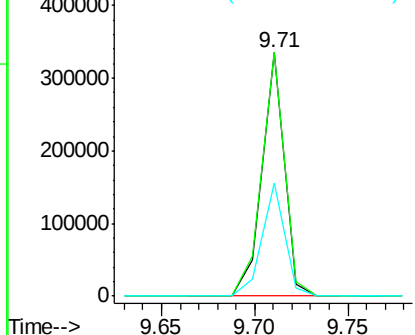


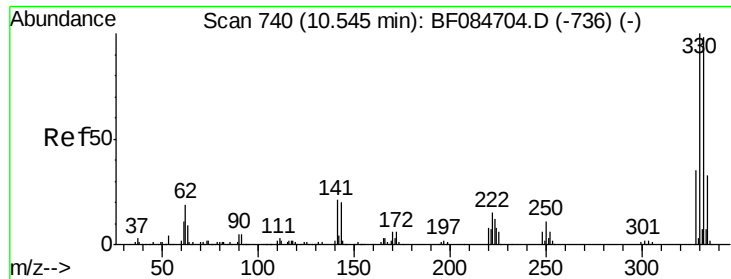
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084850.D
 Acq: 5 Feb 2016 1:20

Tgt Ion: 164 Resp: 276211
 Ion Ratio Lower Upper
 164 100
 162 100.0 85.1 127.7
 160 46.4 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

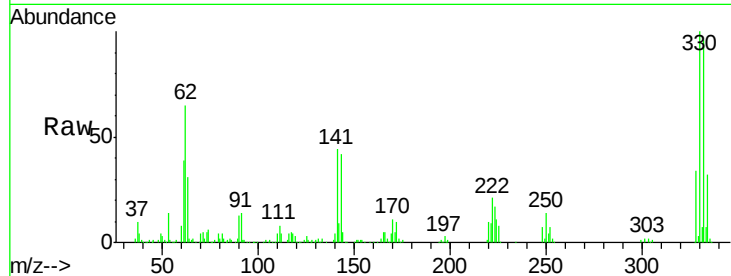




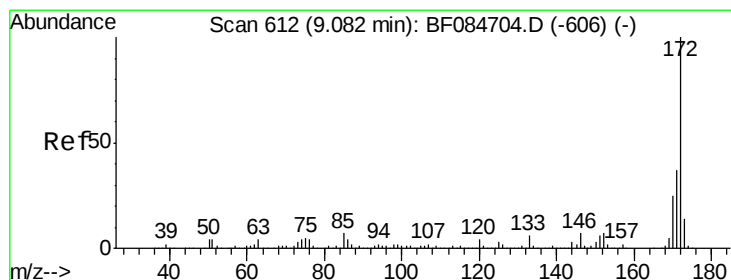
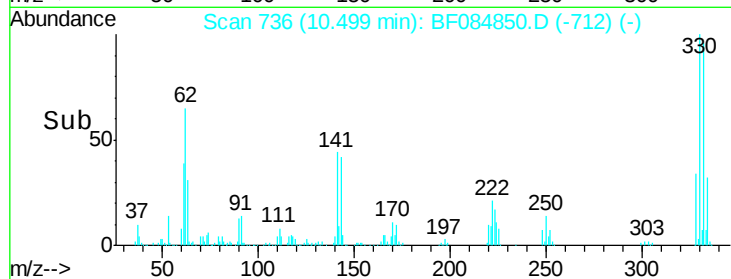
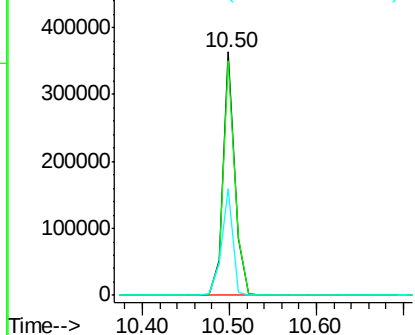
#41
 2,4,6-Tribromophenol
 Concen: 121.25 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084850.D
 Acq: 5 Feb 2016 1:20

Instrument :
 BNA_F
 ClientSampleId :
 S4-B011(25-28)

Tgt Ion:330 Resp: 349339
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 42.1 27.8 41.6#

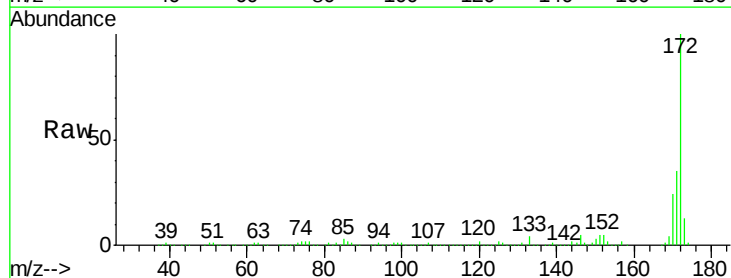


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

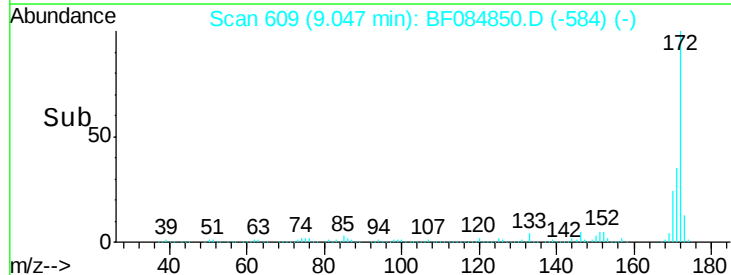
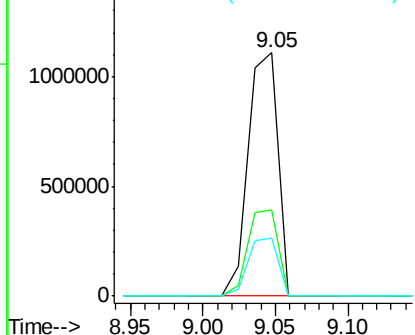


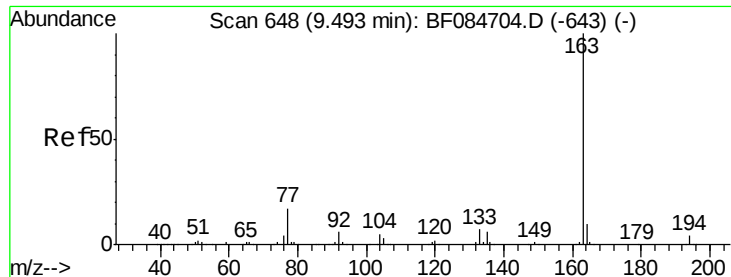
#44
 2-Fluorobiphenyl
 Concen: 103.29 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF084850.D
 Acq: 5 Feb 2016 1:20

Tgt Ion:172 Resp: 1572045
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.9 18.6 27.8



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

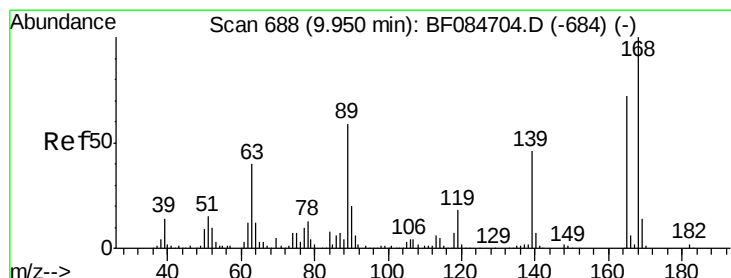
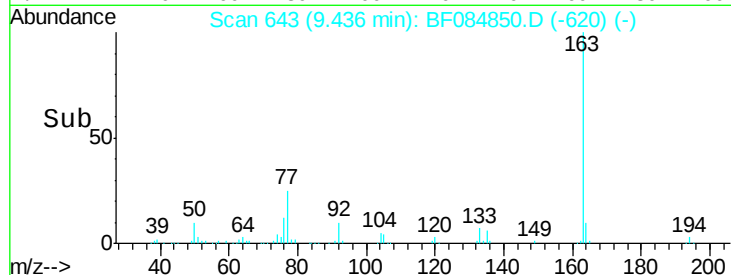
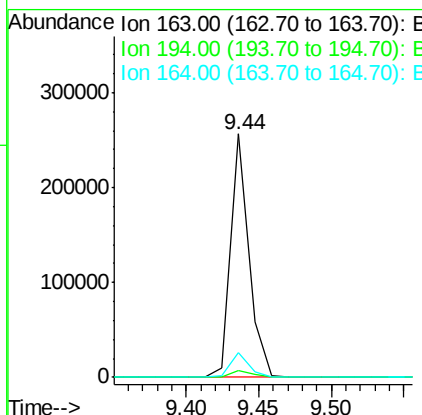
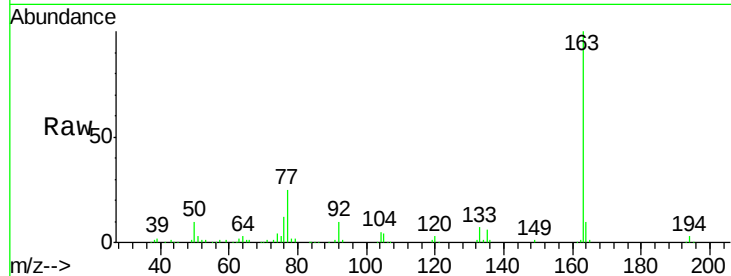




#49
Dimethylphthalate
Concen: 10.69 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084850.D
Acq: 5 Feb 2016 1:20

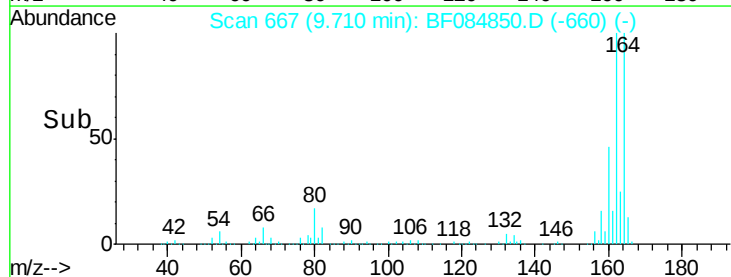
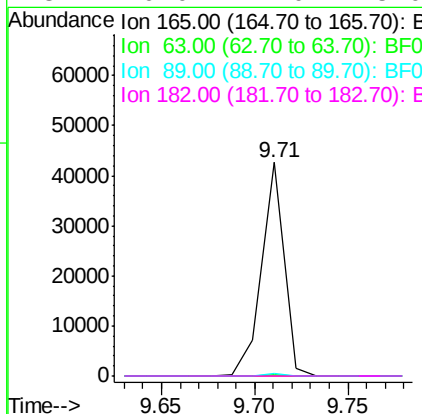
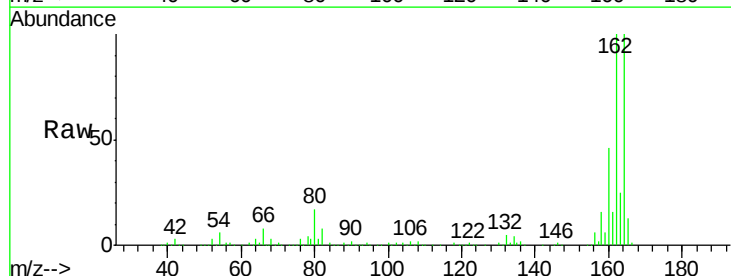
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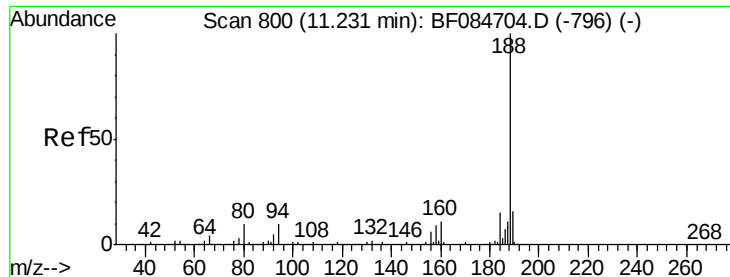
Tgt Ion:163 Resp: 224796
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.1 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.22 min
Lab File: BF084850.D
Acq: 5 Feb 2016 1:20

Tgt Ion:165 Resp: 35537
Ion Ratio Lower Upper
165 100
63 0.9 36.7 55.1#
89 1.4 61.9 92.9#
182 0.0 2.0 3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF084850.D

Acq: 5 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

S4-B011(25-28)

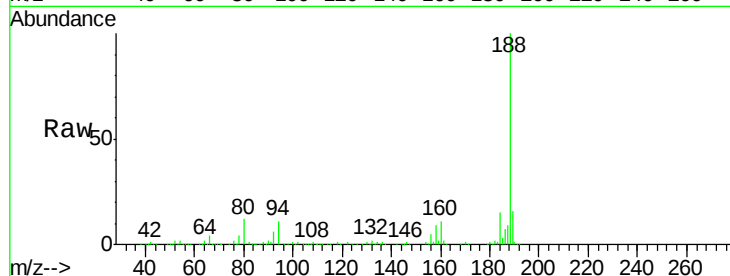
Tgt Ion:188 Resp: 419179

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

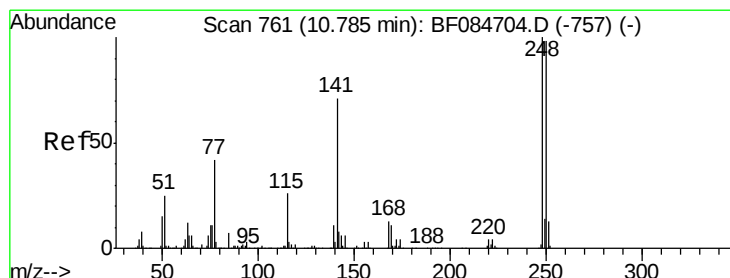
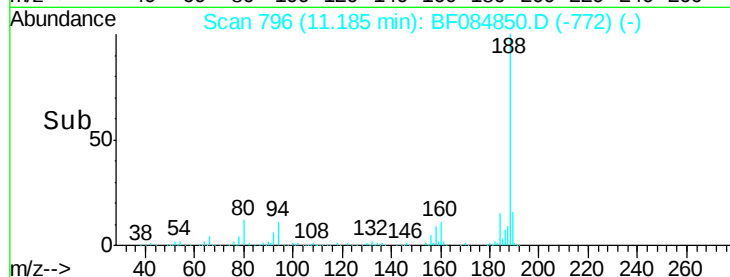
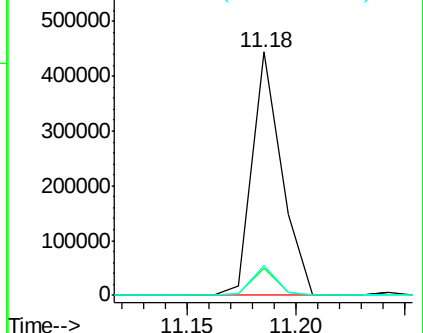
80 12.5 9.6 14.4



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: 4.87 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.26 min

Lab File: BF084850.D

Acq: 5 Feb 2016 1:20

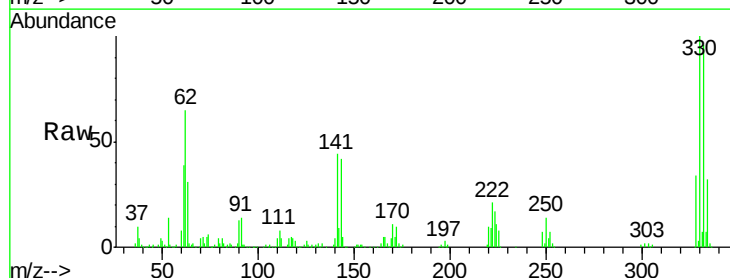
Tgt Ion:248 Resp: 22561

Ion Ratio Lower Upper

248 100

250 206.1 78.4 117.6#

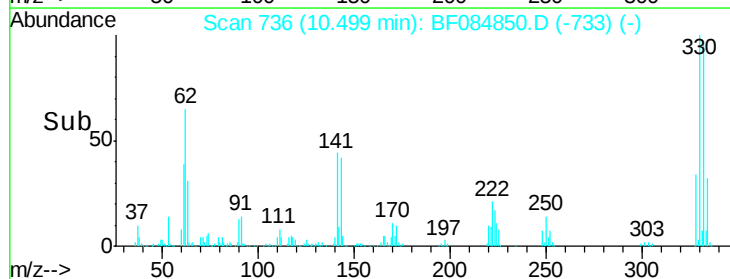
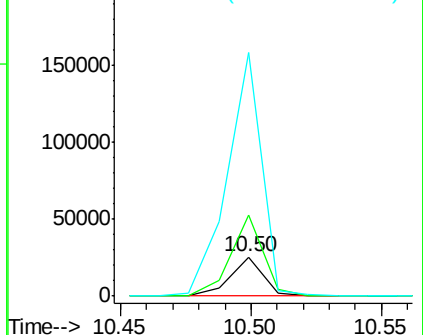
141 623.7 44.0 66.0#

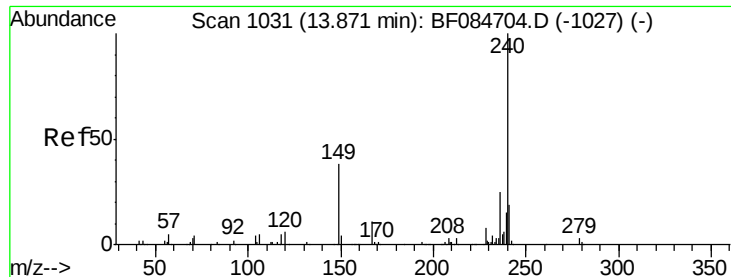


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.81 min Scan# 1026

Delta R.T. -0.02 min

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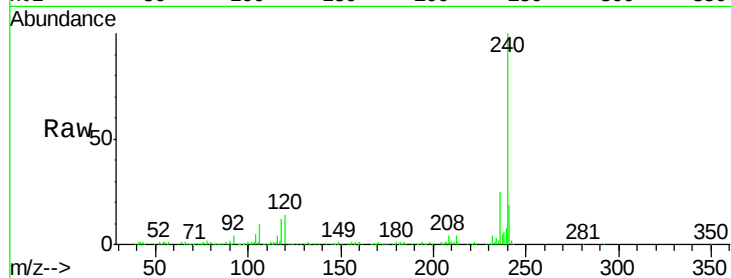
Tgt Ion:240 Resp: 314161

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

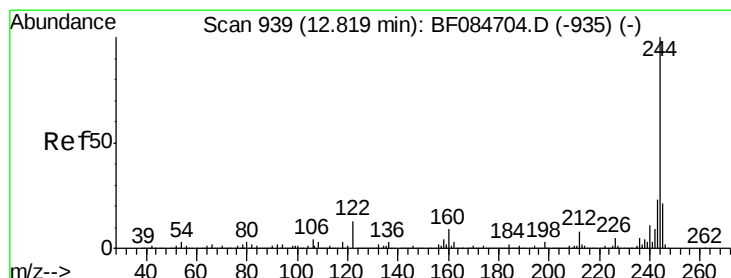
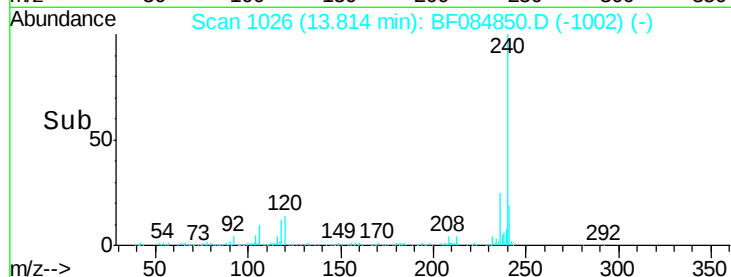
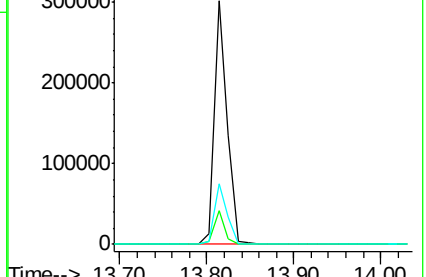
236 24.7 20.6 31.0



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: 73.10 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084850.D

Acq: 5 Feb 2016 1:20

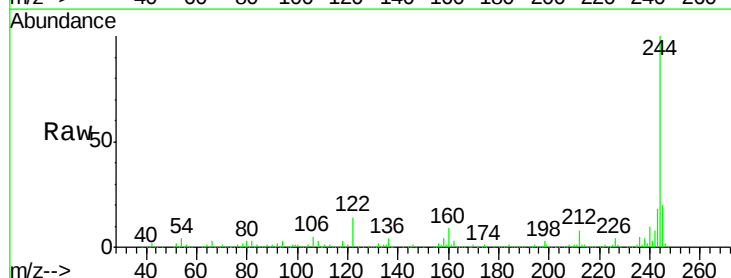
Tgt Ion:244 Resp: 1013400

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

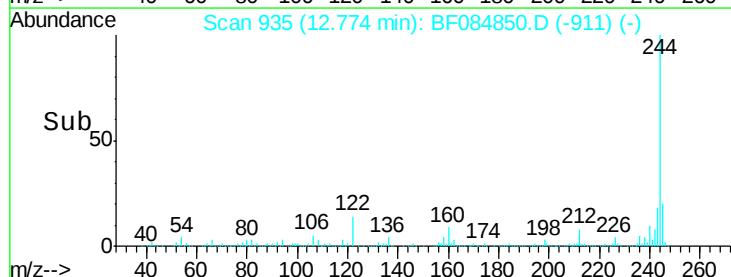
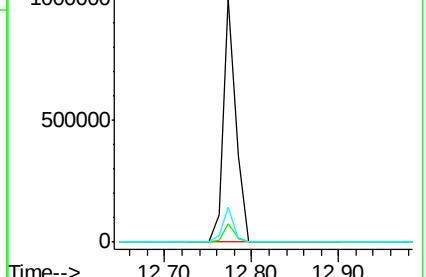
122 14.1 7.4 11.0#

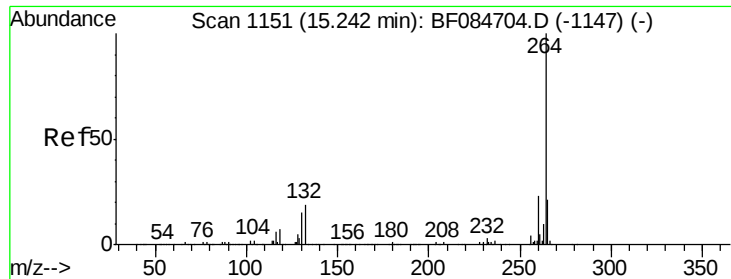


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

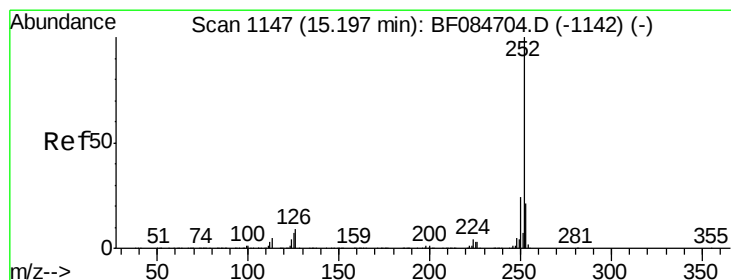
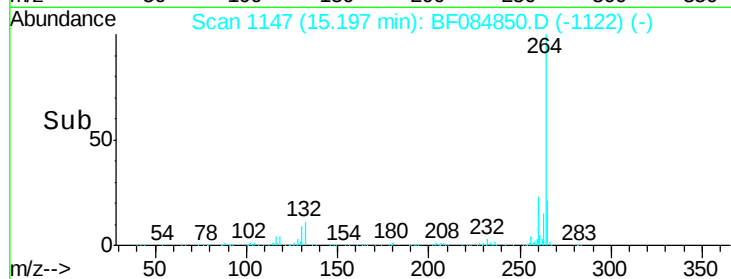
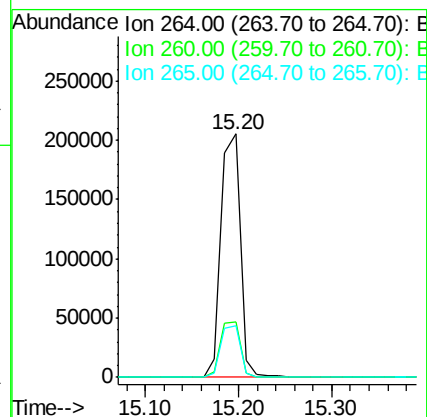
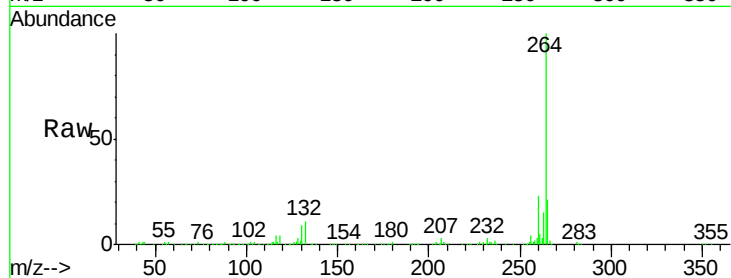




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF084850.D
Acq: 5 Feb 2016 1:20

Instrument :
BNA_F
ClientSampleId :
S4-B011(25-28)

Tgt Ion:264 Resp: 296271
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.2
265 21.3 17.8 26.6



#89
Benzo(a)pyrene
Concen: 2.24 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.07 min
Lab File: BF084850.D
Acq: 5 Feb 2016 1:20

Tgt Ion:252 Resp: 37988
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 11.8 7.0 10.4#

