

Data Path : S:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080874.D
 Acq On : 5 Aug 2015 10:39
 Operator : TP/UM
 Sample : G3127-19RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-1(0-2)

Quant Time: Aug 05 14:22:04 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

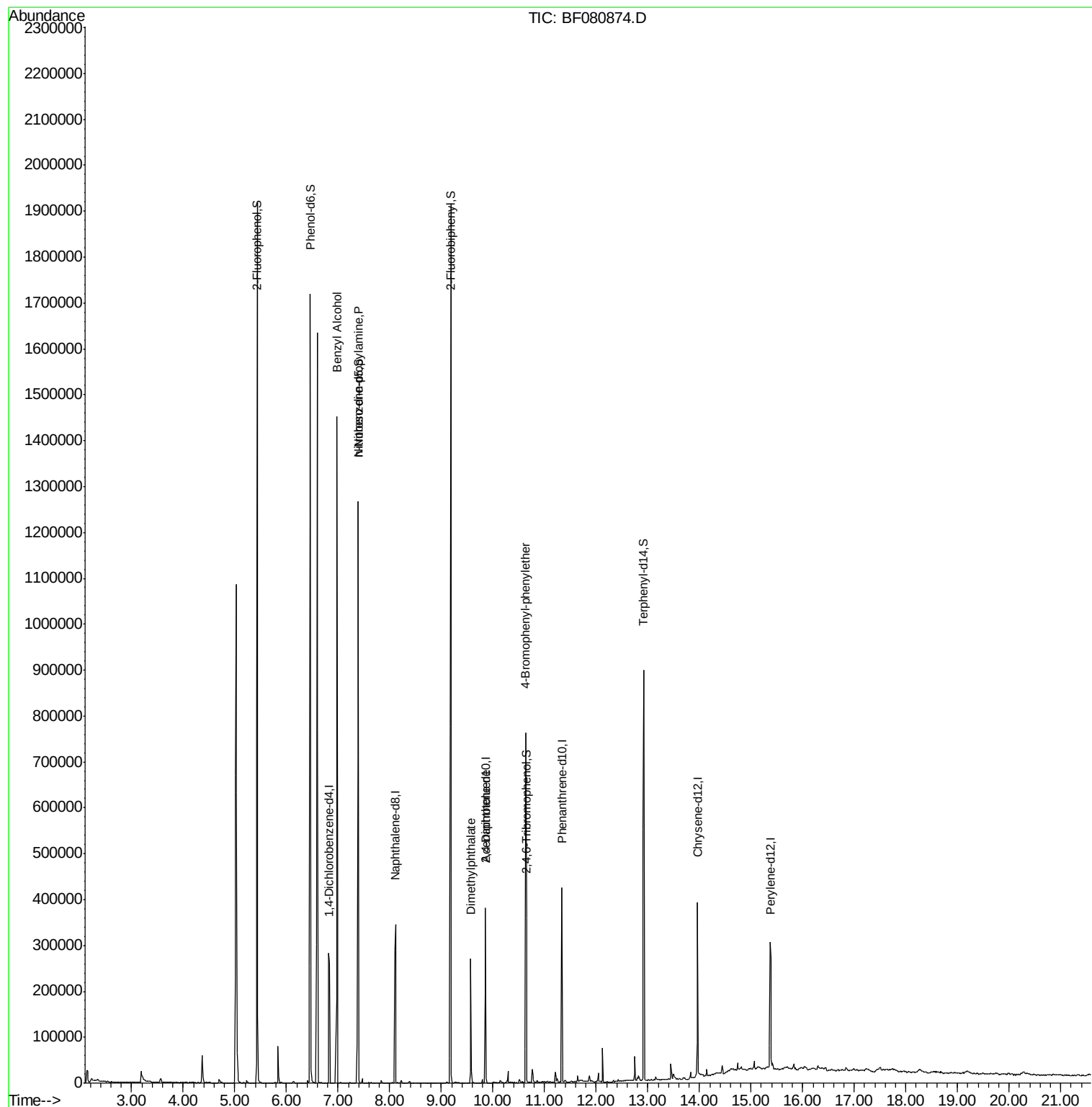
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	59973	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	208955	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	85262	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	140032	20.00	ng	0.00
75) Chrysene-d12	13.96	240	116998	20.00	ng	0.00
86) Perylene-d12	15.38	264	146493	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	492543	124.30	ng	0.01
7) Phenol-d6	6.46	99	761547	147.01	ng	0.01
23) Nitrobenzene-d5	7.39	82	474584	107.04	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	99020	120.43	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	627506	99.10	ng	0.00
78) Terphenyl-d14	12.92	244	340597	52.69	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.98	79	7372	2.18	ng	# 50
19) n-Nitroso-di-n-propylamine	7.39	70	63410	18.95	ng	# 73
49) Dimethylphthalate	9.57	163	94122	15.14	ng	100
56) 2,4-Dinitrotoluene	9.86	165	10542	6.42	ng	# 13
66) 4-Bromophenyl-phenylether	10.64	248	6132	3.96	ng	# 1

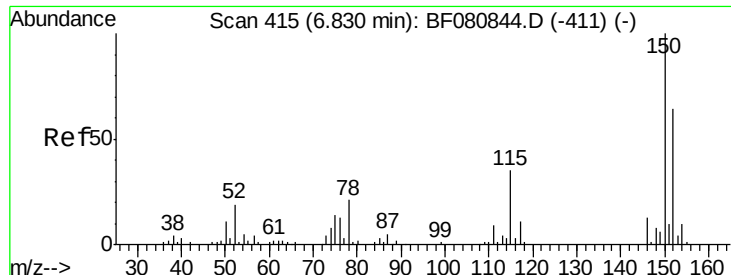
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080874.D

Acq: 5 Aug 2015 10:39

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-1(0-2)

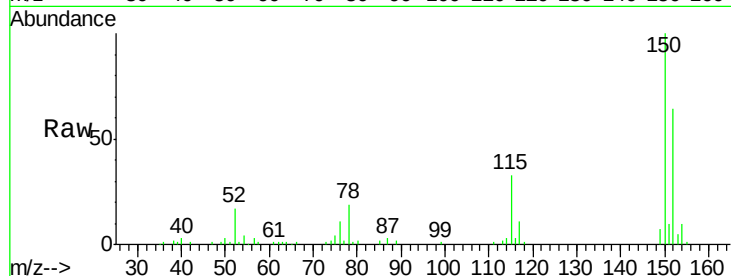
Tgt Ion:152 Resp: 59973

Ion Ratio Lower Upper

152 100

150 156.8 124.6 187.0

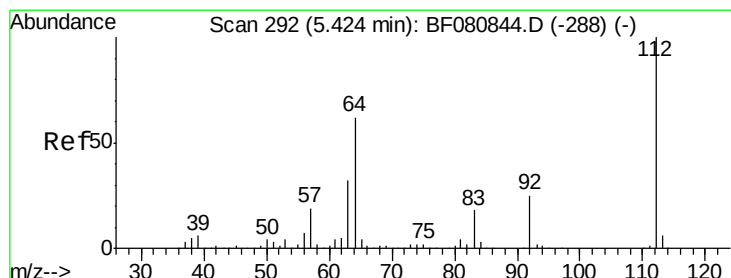
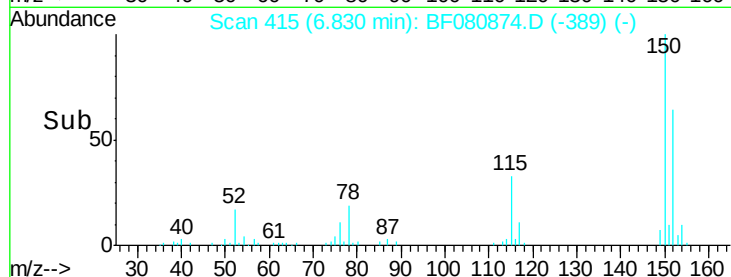
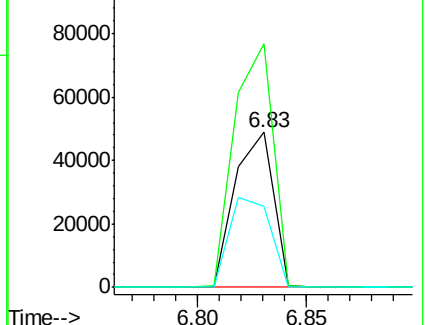
115 52.4 44.2 66.4



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: 124.30 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080874.D

Acq: 5 Aug 2015 10:39

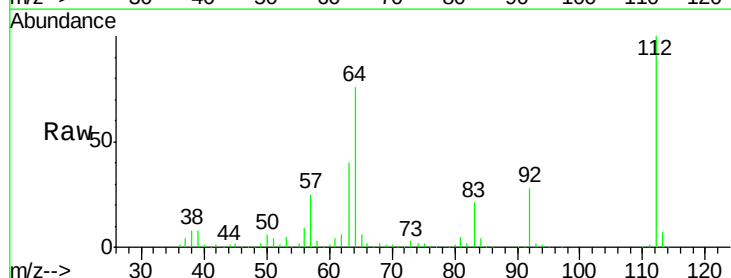
Tgt Ion:112 Resp: 492543

Ion Ratio Lower Upper

112 100

64 76.5 49.5 74.3#

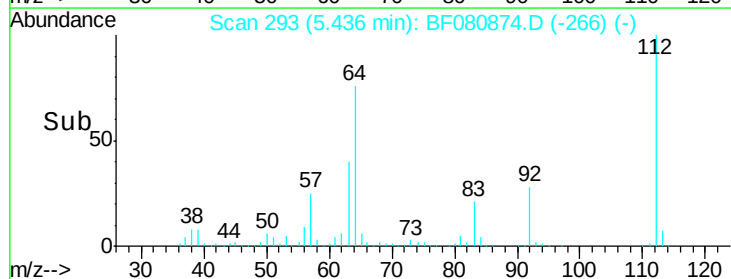
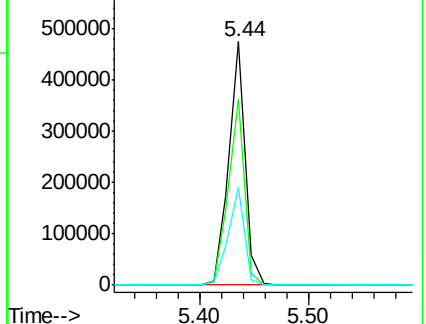
63 40.2 25.3 37.9#

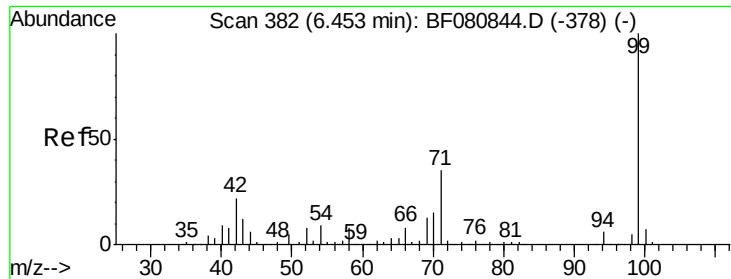


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.01 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF080874.D

Acq: 5 Aug 2015 10:39

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-1(0-2)

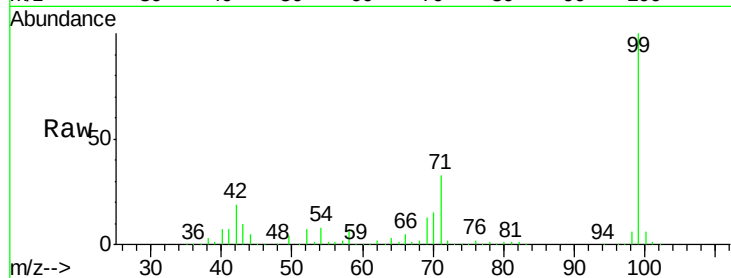
Tgt Ion: 99 Resp: 761547

Ion Ratio Lower Upper

99 100

42 18.9 17.9 26.9

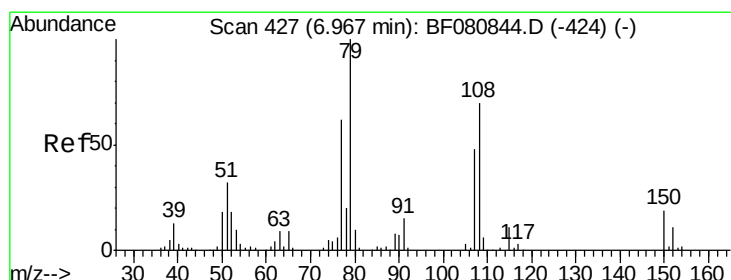
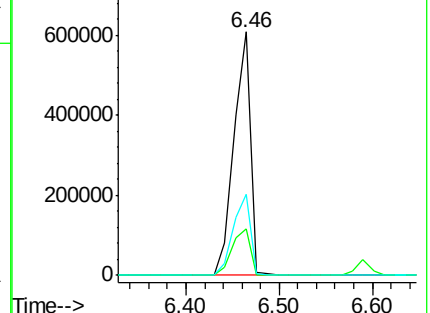
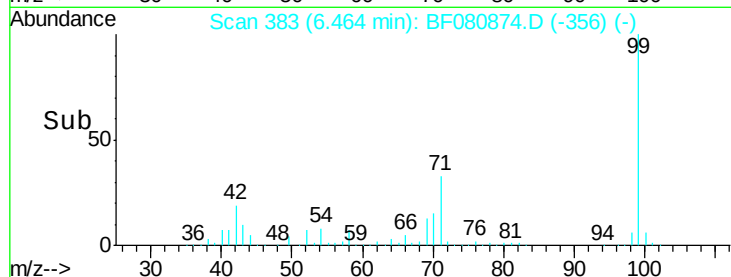
71 33.5 28.2 42.4



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



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF080874.D

Acq: 5 Aug 2015 10:39

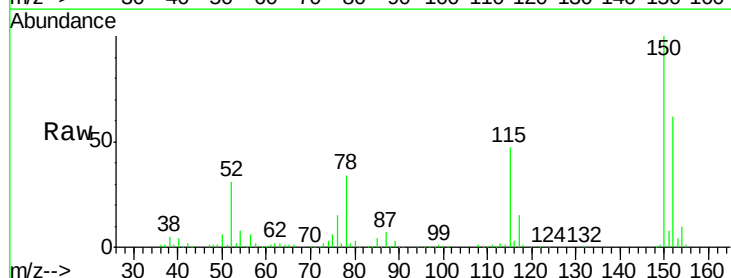
Tgt Ion: 79 Resp: 7372

Ion Ratio Lower Upper

79 100

108 24.2 55.9 83.9#

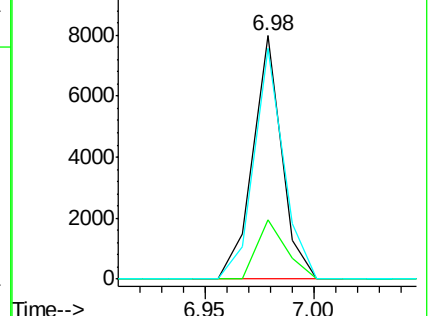
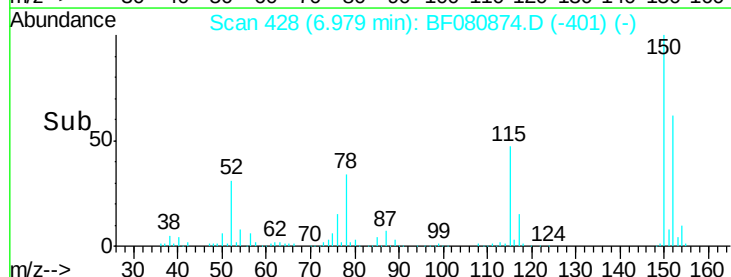
77 94.8 49.4 74.2#

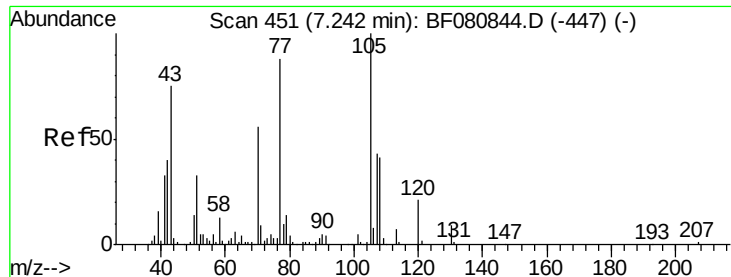


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

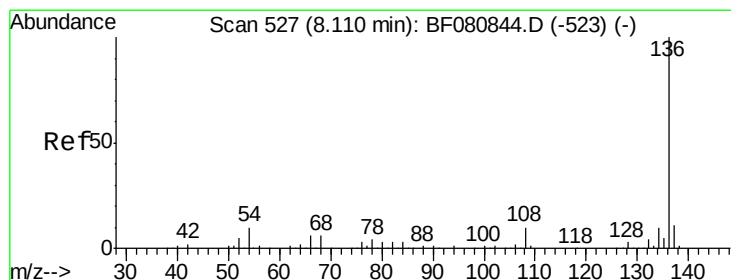
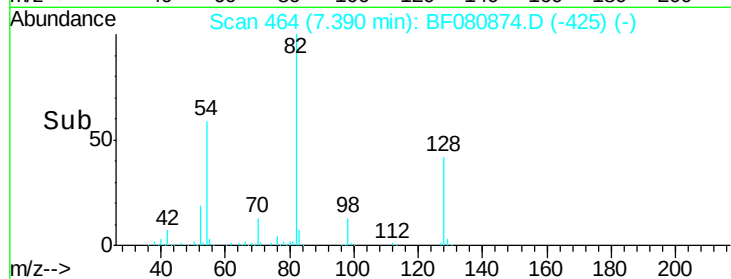
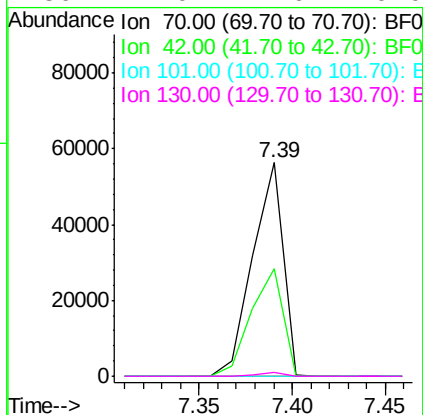
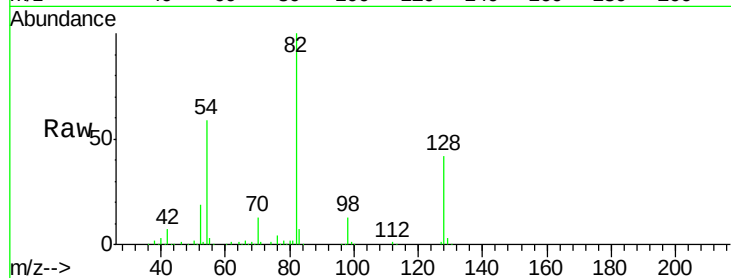




#19
n-Nitroso-di-n-propylamine
Concen: 18.95 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF080874.D
Acq: 5 Aug 2015 10:39

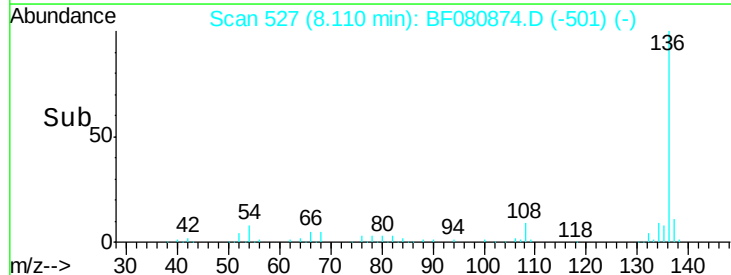
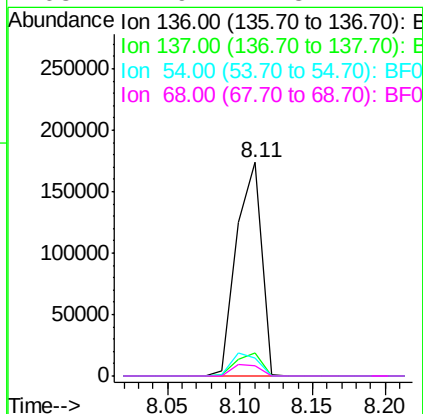
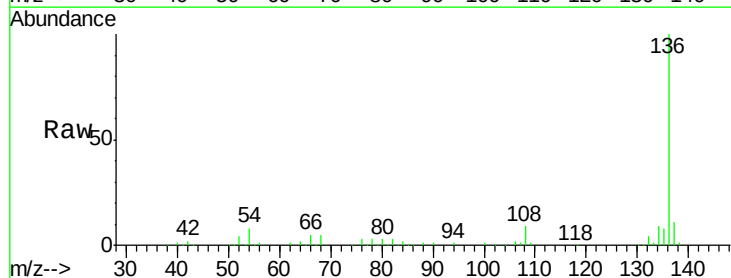
Instrument :
BNA_F
ClientSampleId :
EAST-ABUT-1(0-2)

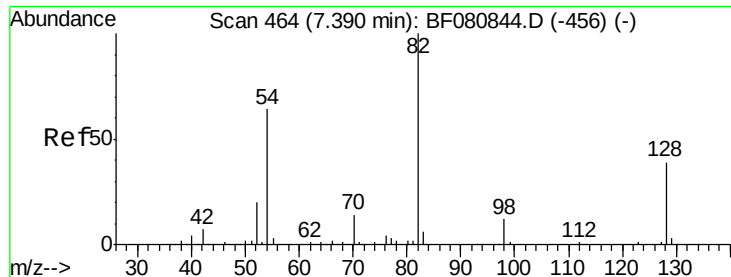
Tgt Ion: 70 Resp: 63410
Ion Ratio Lower Upper
70 100
42 50.3 57.8 86.8#
101 0.0 6.7 10.1#
130 2.0 12.6 19.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF080874.D
Acq: 5 Aug 2015 10:39

Tgt Ion: 136 Resp: 208955
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.4 8.3 12.5
68 4.9 4.8 7.2

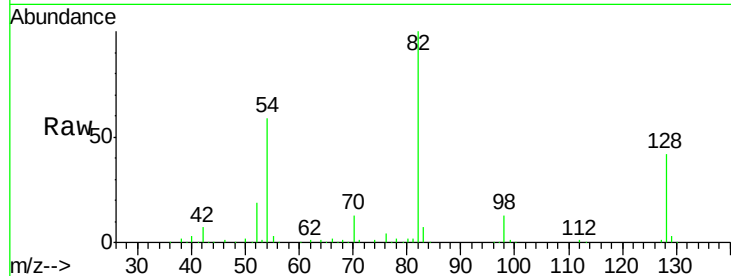




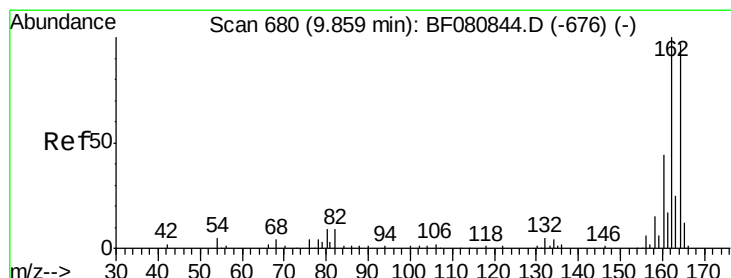
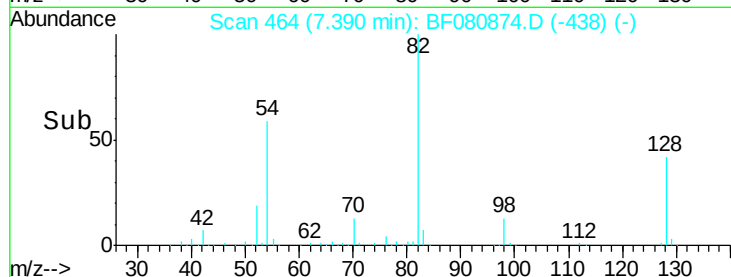
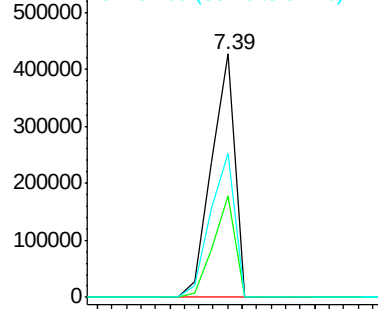
#23
 Nitrobenzene-d5
 Concen: 107.04 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080874.D
 Acq: 5 Aug 2015 10:39

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-1(0-2)

Tgt Ion: 82 Resp: 474584
 Ion Ratio Lower Upper
 82 100
 128 41.6 31.0 46.4
 54 59.3 51.0 76.6

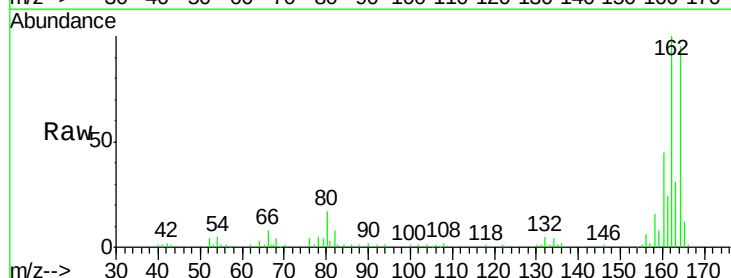


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

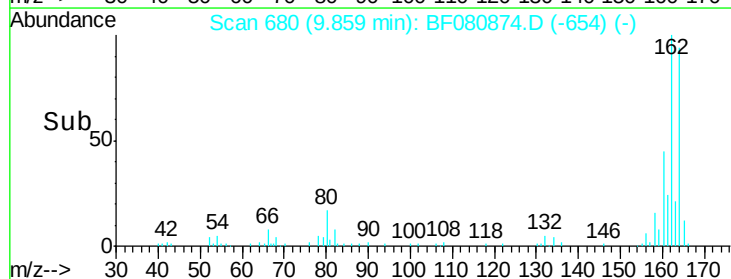
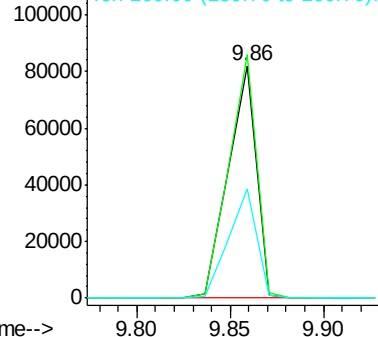


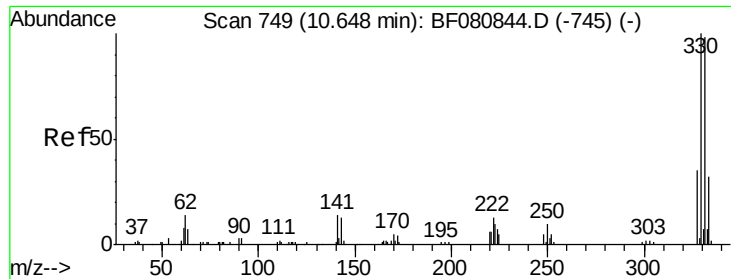
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF080874.D
 Acq: 5 Aug 2015 10:39

Tgt Ion: 164 Resp: 85262
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.9 124.3
 160 47.0 36.6 54.8



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

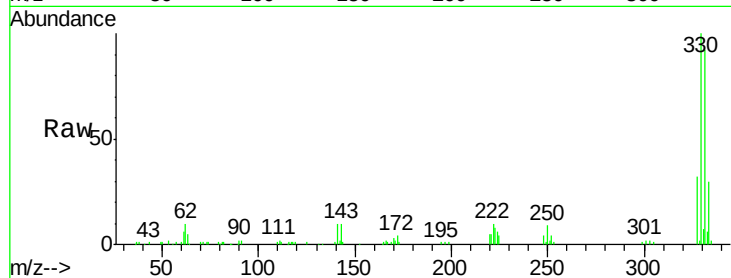




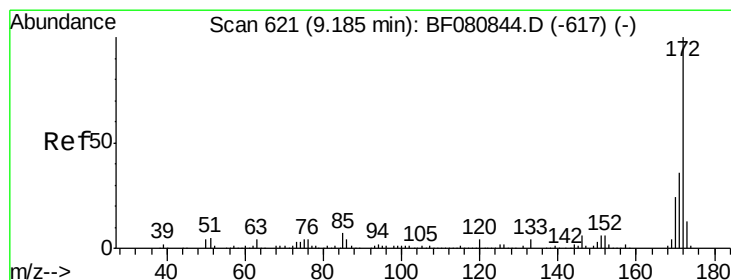
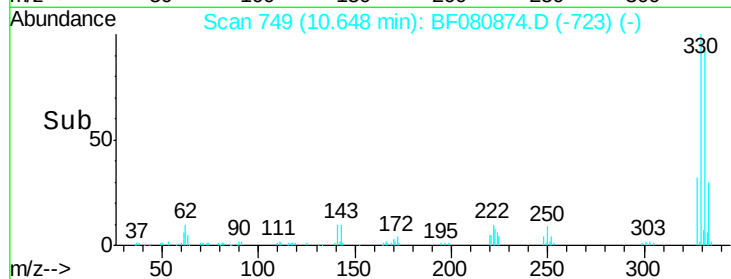
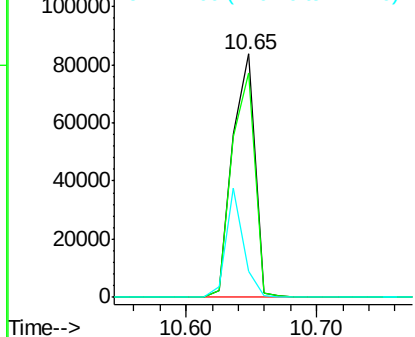
#41
 2,4,6-Tribromophenol
 Concen: 120.43 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080874.D
 Acq: 5 Aug 2015 10:39

Instrument :
 BNA_F
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 EAST-ABUT-1(0-2)

Tgt Ion:330 Resp: 99020
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.8 116.8
 141 34.9 28.4 42.6

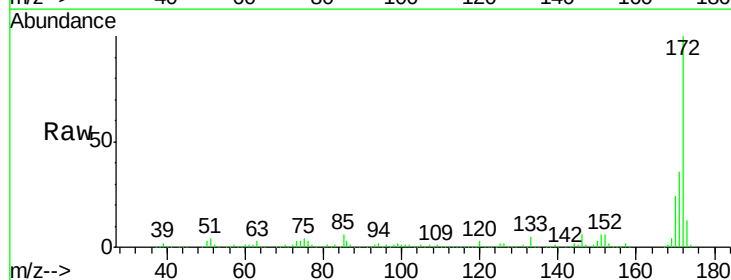


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

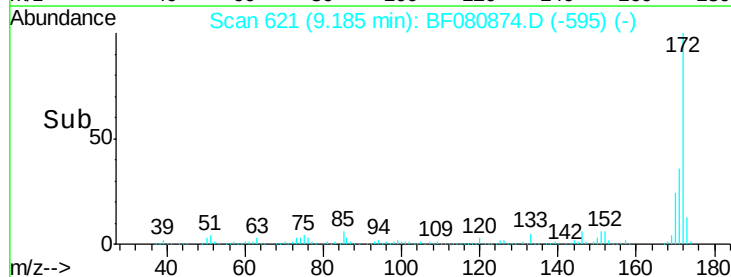
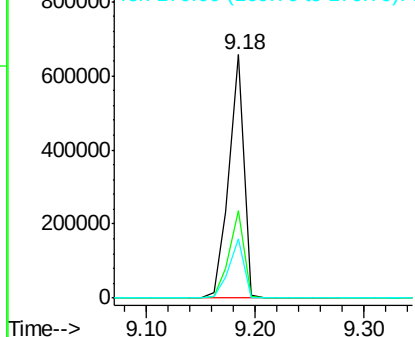


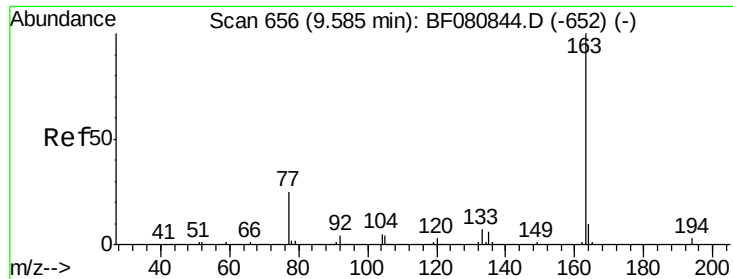
#44
 2-Fluorobiphenyl
 Concen: 99.10 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080874.D
 Acq: 5 Aug 2015 10:39

Tgt Ion:172 Resp: 627506
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.3 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

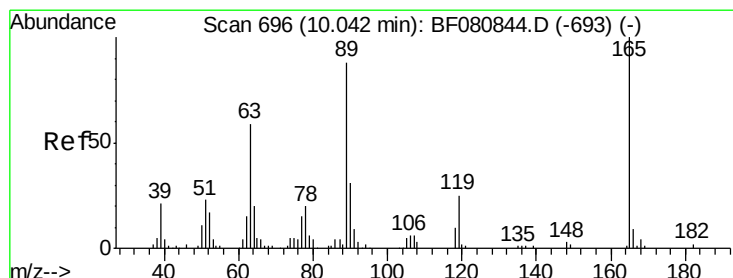
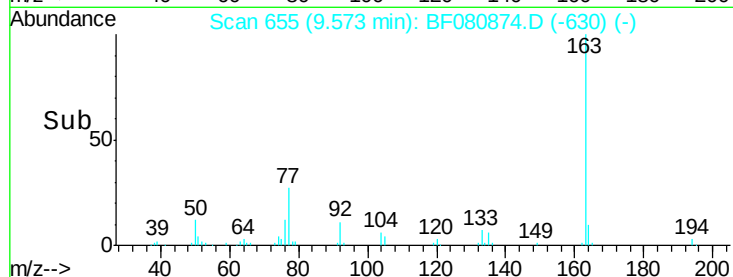
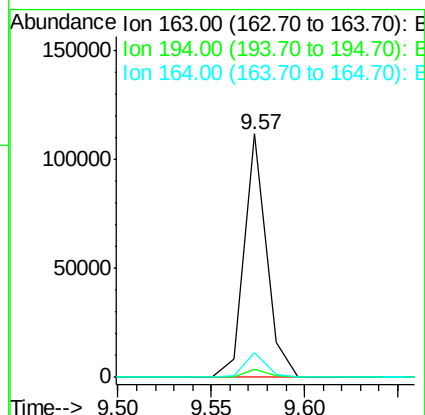
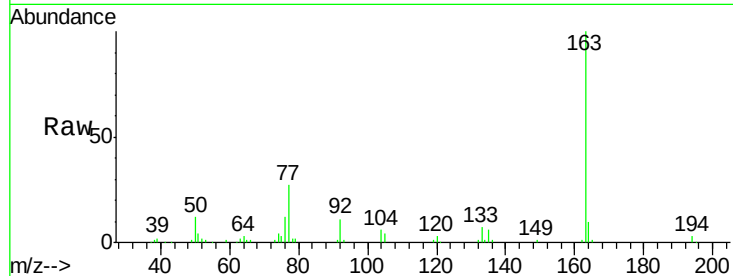




#49
Dimethylphthalate
Concen: 15.14 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF080874.D
Acq: 5 Aug 2015 10:39

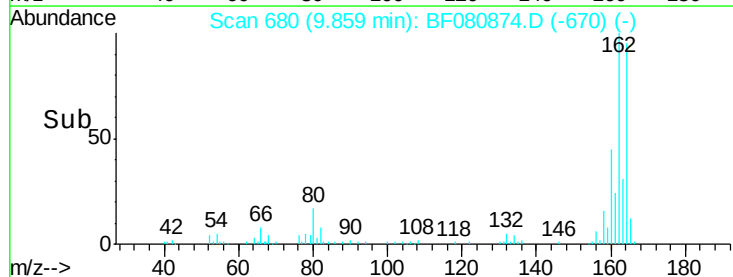
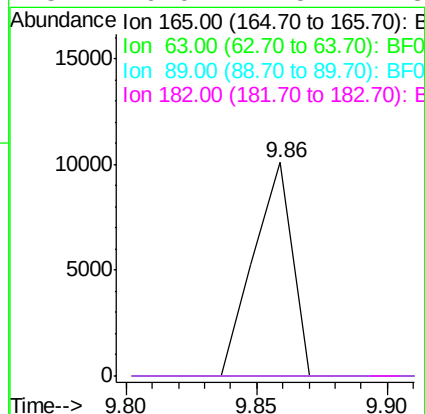
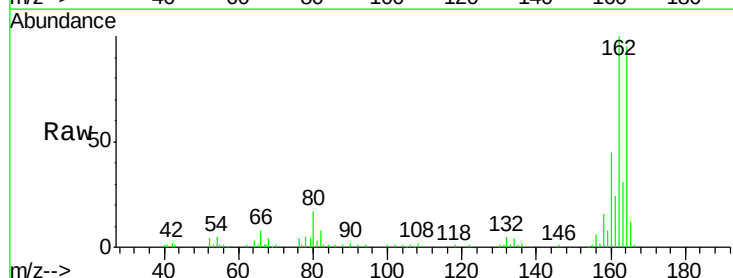
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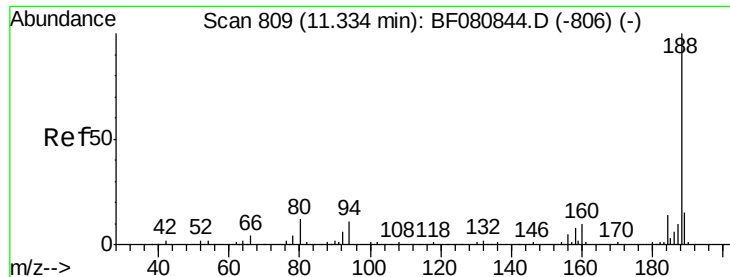
Tgt Ion:163 Resp: 94122
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.18 min
Lab File: BF080874.D
Acq: 5 Aug 2015 10:39

Tgt Ion:165 Resp: 10542
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#

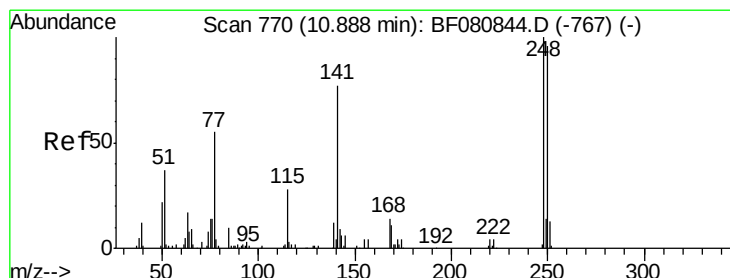
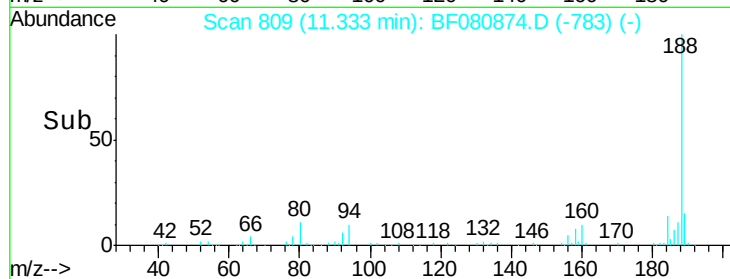
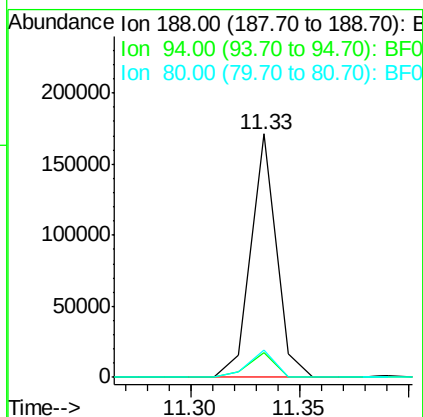
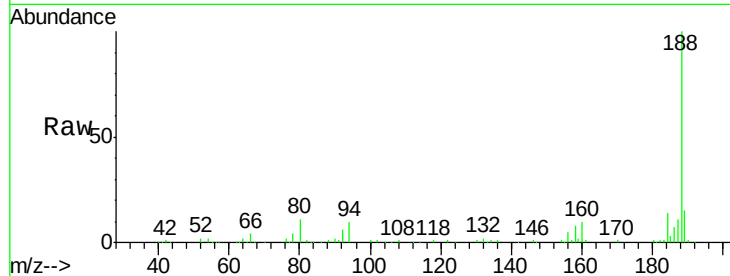




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080874.D
 Acq: 5 Aug 2015 10:39

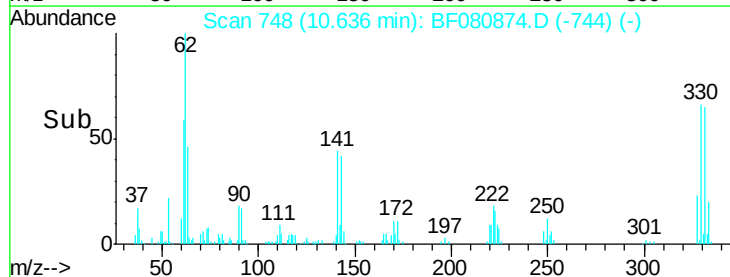
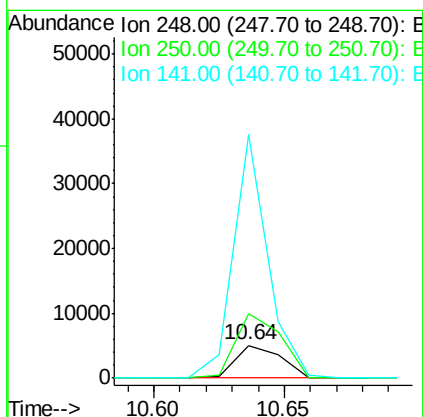
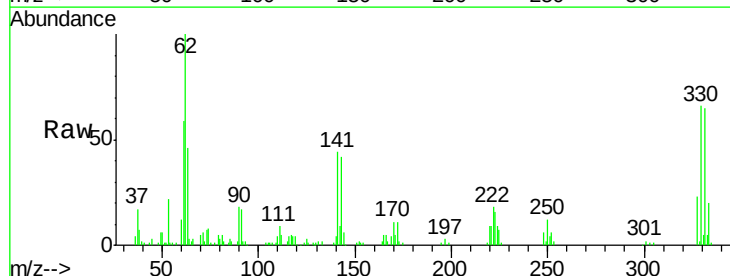
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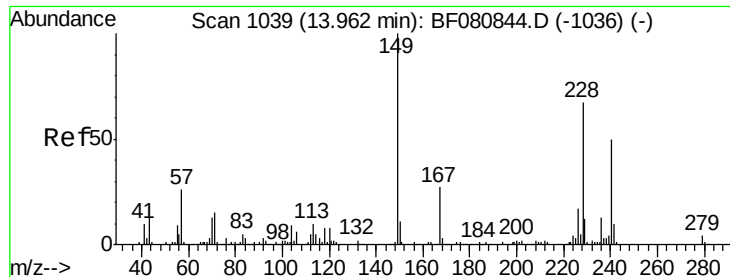
Tgt Ion:188 Resp: 140032
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.6 12.8
 80 11.0 9.3 13.9



#66
 4-Bromophenyl-phenylether
 Concen: 3.96 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.25 min
 Lab File: BF080874.D
 Acq: 5 Aug 2015 10:39

Tgt Ion:248 Resp: 6132
 Ion Ratio Lower Upper
 248 100
 250 200.1 77.2 115.8#
 141 750.8 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: BF080874.D

Acq: 5 Aug 2015 10:39

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-1(0-2)

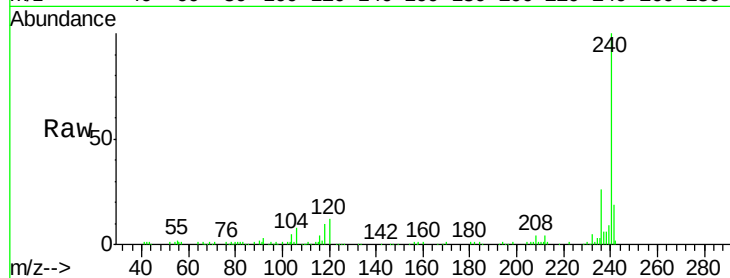
Tgt Ion:240 Resp: 116998

Ion Ratio Lower Upper

240 100

120 11.7 13.0 19.6#

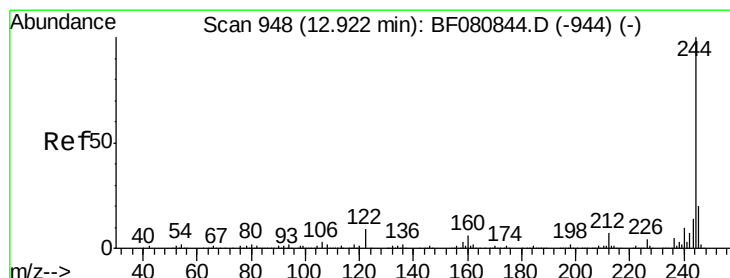
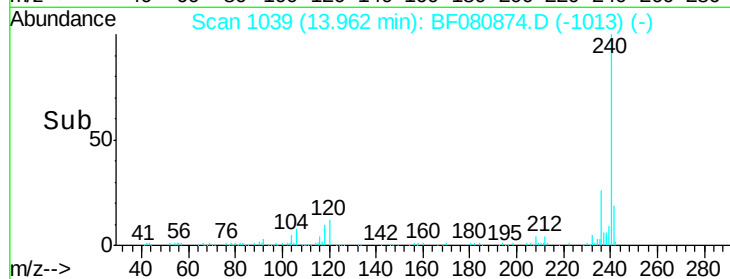
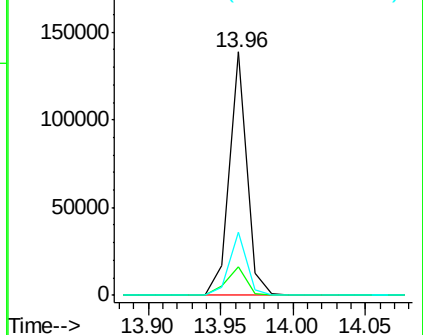
236 26.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 52.69 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF080874.D

Acq: 5 Aug 2015 10:39

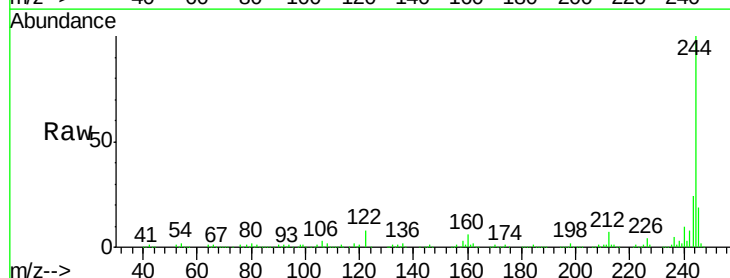
Tgt Ion:244 Resp: 340597

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

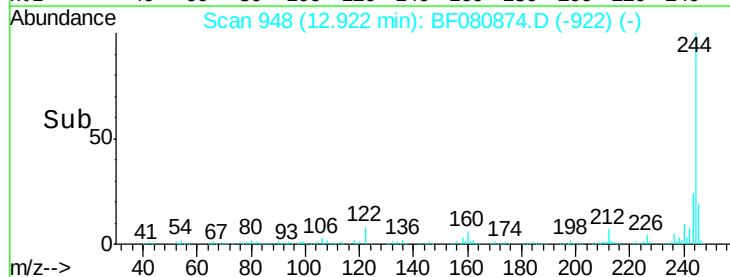
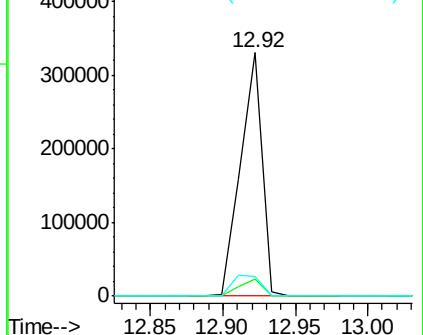
122 8.0 7.1 10.7

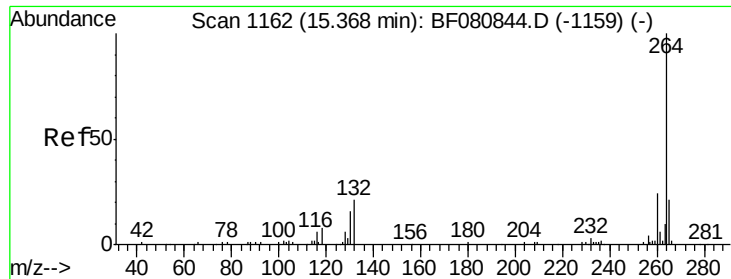


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BF080874.D
Acq: 5 Aug 2015 10:39

Instrument :
BNA_F
ClientSampleId :
EAST-ABUT-1(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	20.9	16.8	25.2

