

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080857.D
 Acq On : 5 Aug 2015 00:58
 Operator : TP/UM
 Sample : G3150-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-21-17

Quant Time: Aug 05 03:02:52 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

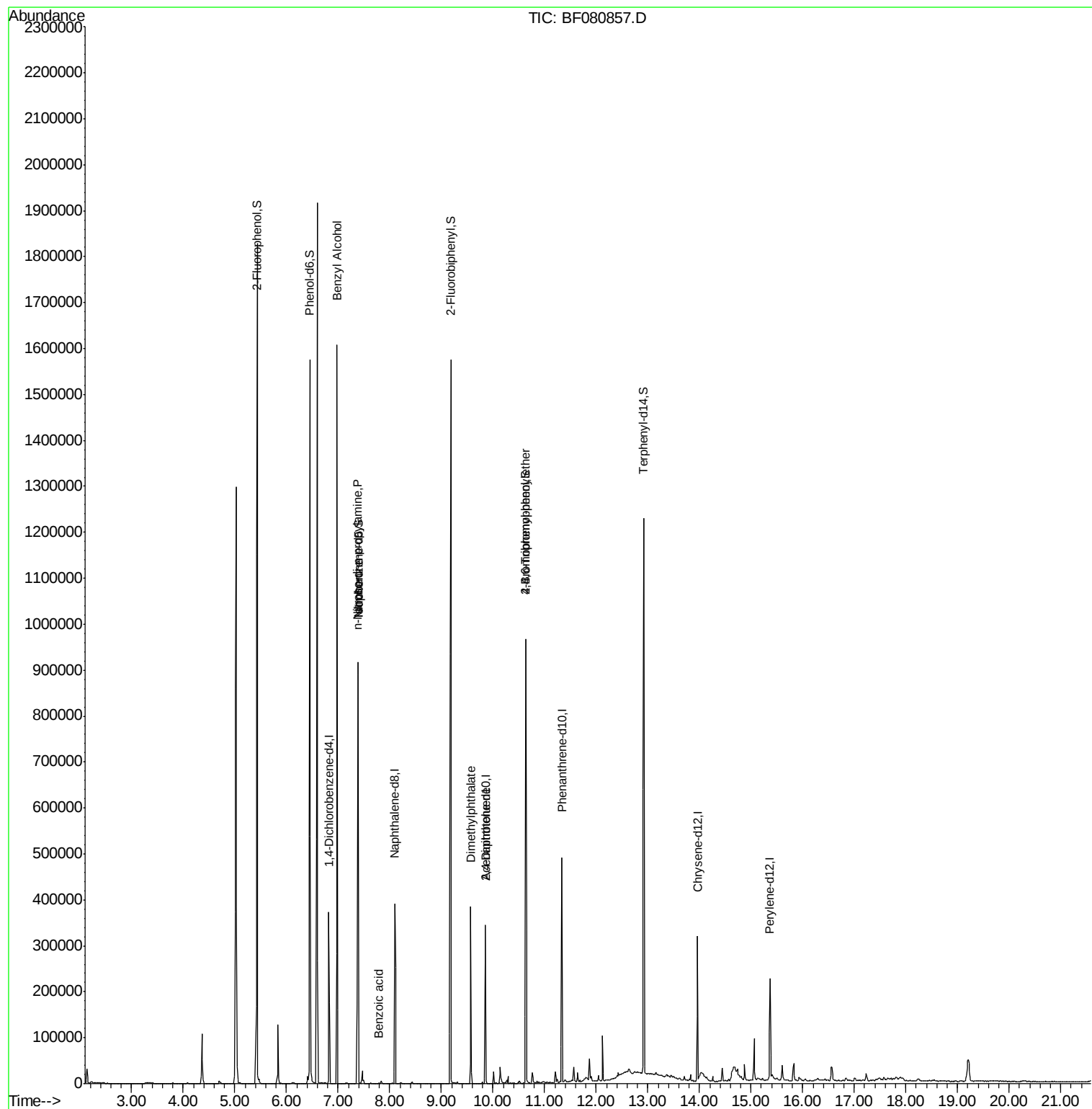
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	60050	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	218429	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	90048	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	163626	20.00	ng	0.00
75) Chrysene-d12	13.96	240	120097	20.00	ng	0.00
86) Perylene-d12	15.37	264	95069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	555211	139.94	ng	0.01
7) Phenol-d6	6.45	99	654947	126.27	ng	0.00
23) Nitrobenzene-d5	7.39	82	460027	99.25	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	117723	135.57	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	606710	90.73	ng	0.00
78) Terphenyl-d14	12.92	244	438600	66.10	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.98	79	7325	2.16	ng	# 54
19) n-Nitroso-di-n-propylamine	7.38	70	59864	17.87	ng	# 77
25) Isophorone	7.39	82	420812	51.24	ng	# 67
32) Benzoic acid	7.79	122	314	2.78	ng	98
49) Dimethylphthalate	9.57	163	131858	20.08	ng	100
56) 2,4-Dinitrotoluene	9.86	165	11527	6.65	ng	# 13
66) 4-Bromophenyl-phenylether	10.64	248	7597	4.20	ng	# 1

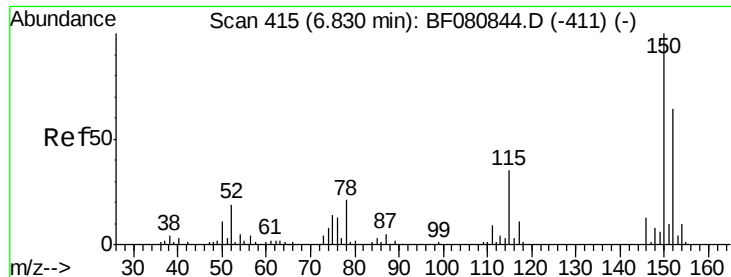
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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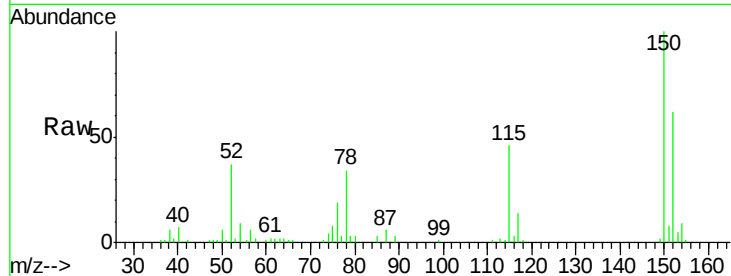


#1

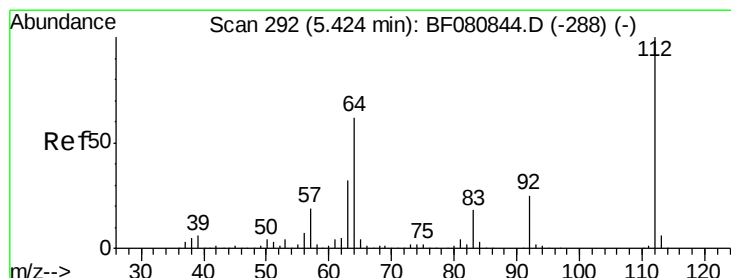
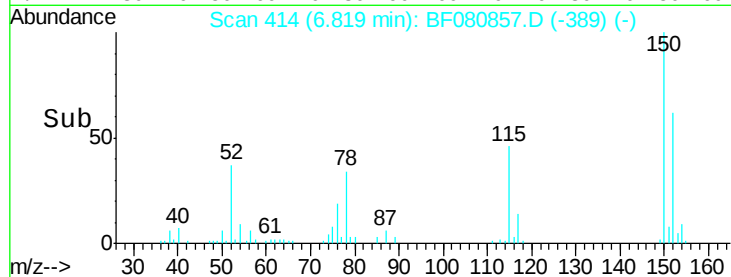
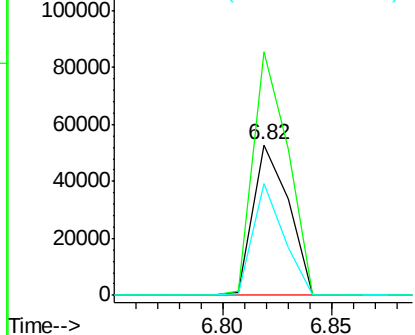
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF080857.D
 Acq: 5 Aug 2015 00:58

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-21-17

Tot Ion:152 Resp: 60050
 Ion Ratio Lower Upper
 152 100
 150 161.7 124.6 187.0
 115 74.3 44.2 66.4#



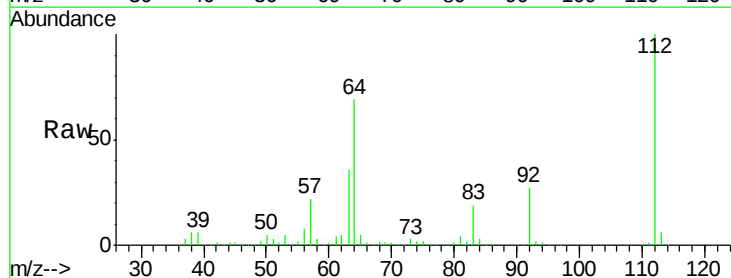
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



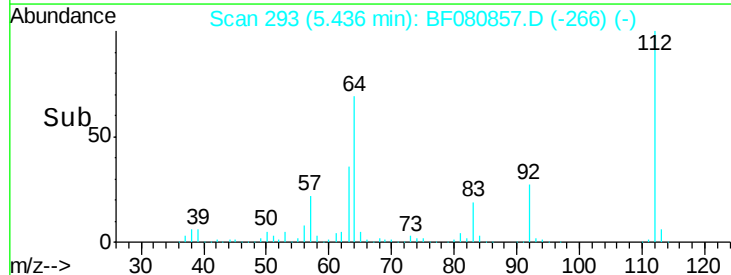
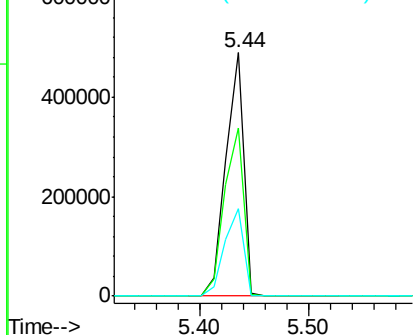
#5

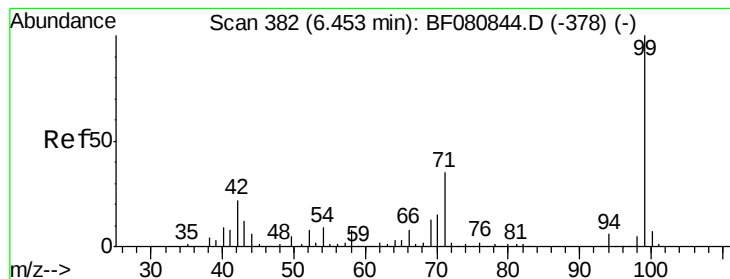
2-Fluorophenol
 Concen: 139.94 ng
 RT: 5.44 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BF080857.D
 Acq: 5 Aug 2015 00:58

Tgt Ion:112 Resp: 555211
 Ion Ratio Lower Upper
 112 100
 64 68.9 49.5 74.3
 63 35.8 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: 126.27 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-17

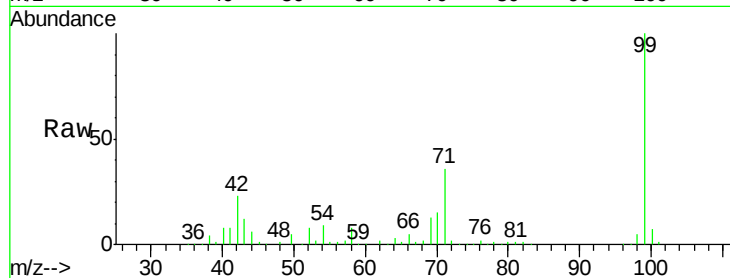
Tot Ion: 99 Resp: 654947

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

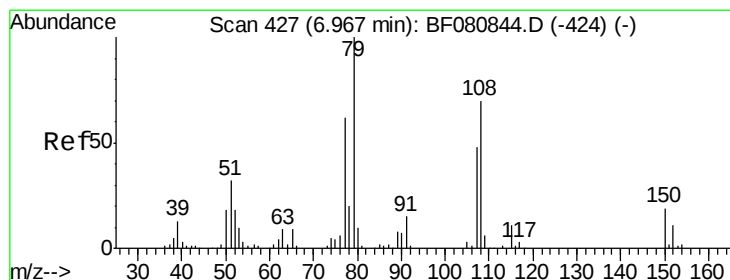
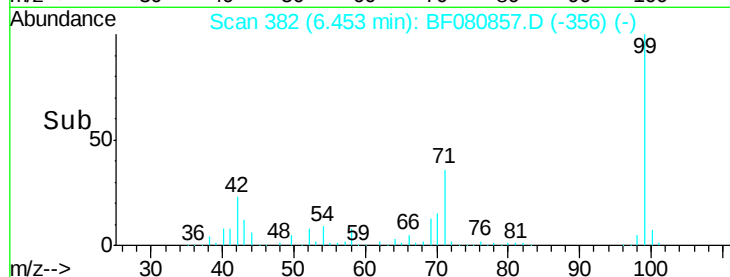
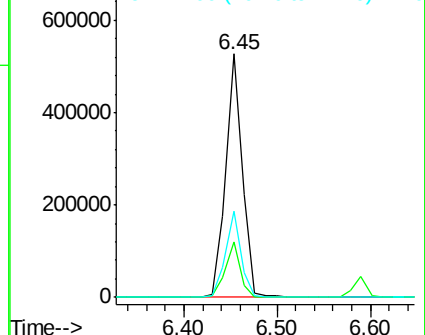
71 35.6 28.2 42.4



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: 2.16 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

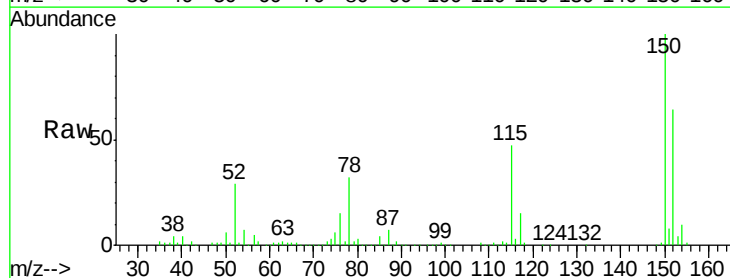
Tgt Ion: 79 Resp: 7325

Ion Ratio Lower Upper

79 100

108 29.3 55.9 83.9#

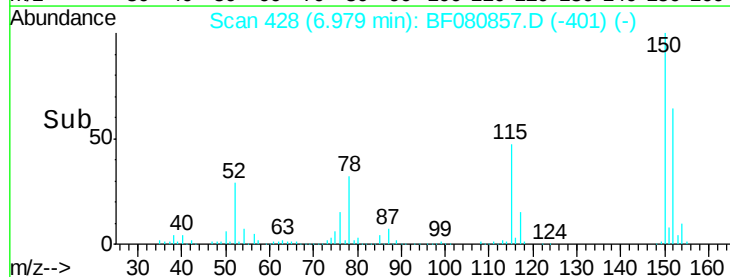
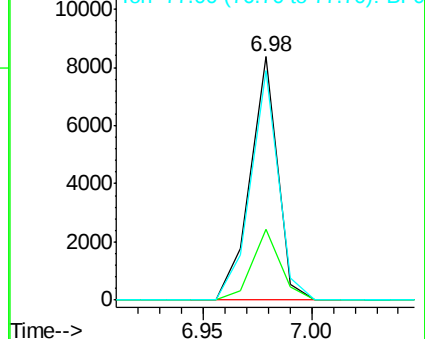
77 94.1 49.4 74.2#

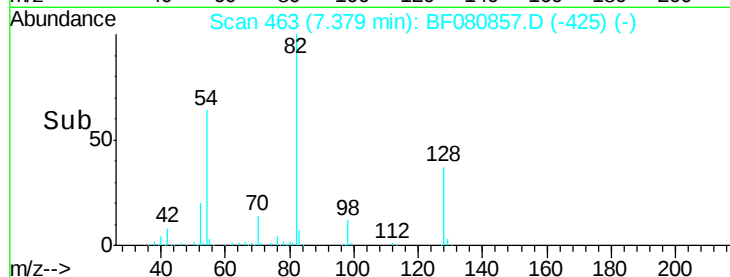
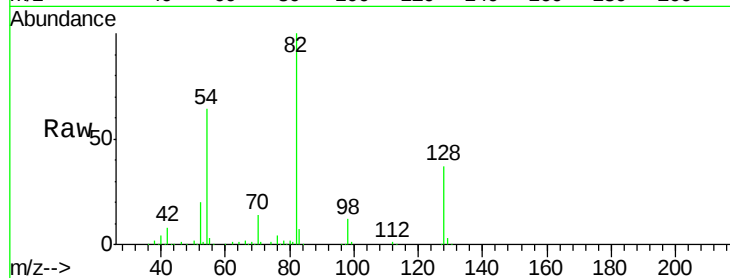
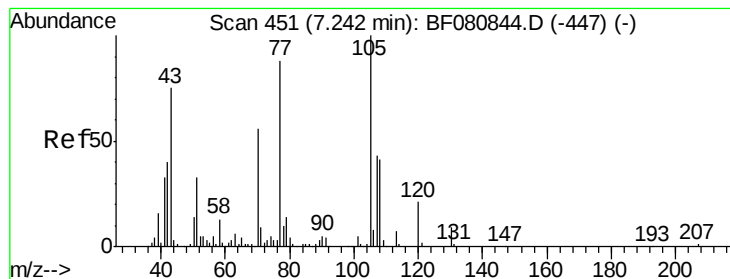


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.87 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-17

Tot Ion: 70 Resp: 59864

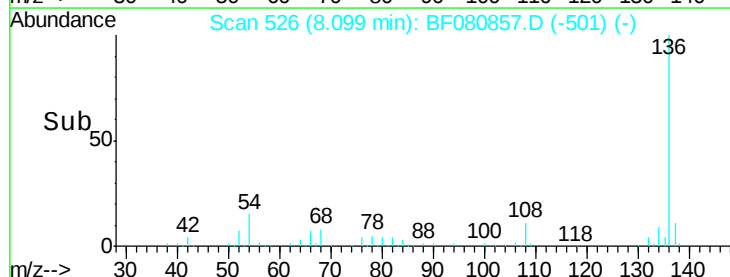
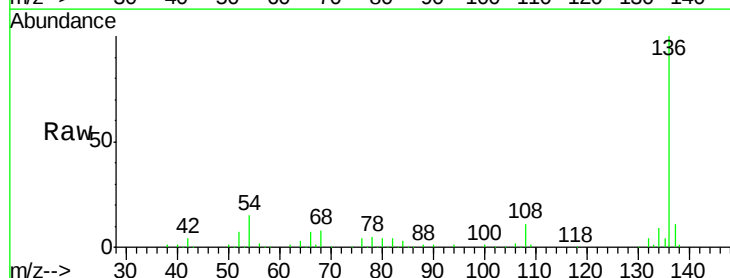
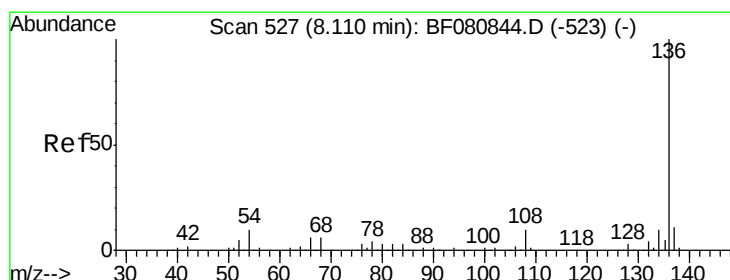
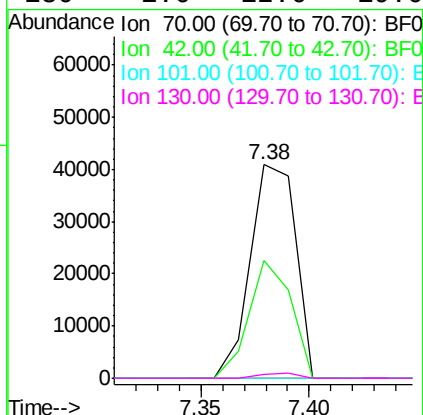
Ion Ratio Lower Upper

70 100

42 54.9 57.8 86.8#

101 0.0 6.7 10.1#

130 1.6 12.6 19.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

Tgt Ion:136 Resp: 218429

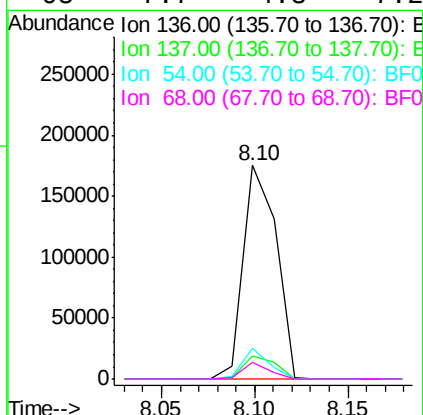
Ion Ratio Lower Upper

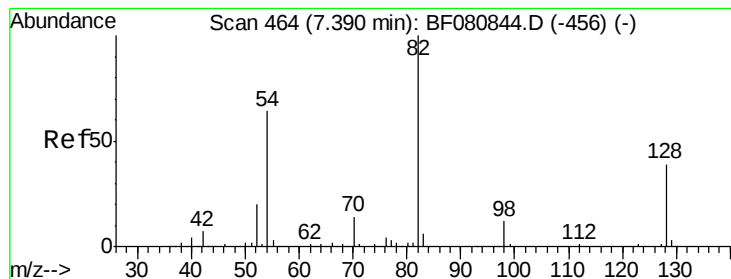
136 100

137 11.1 8.6 13.0

54 14.5 8.3 12.5#

68 7.7 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 99.25 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-17

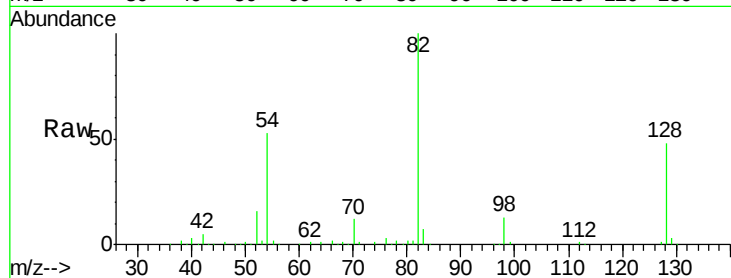
Tot Ion: 82 Resp: 460027

Ion Ratio Lower Upper

82 100

128 47.9 31.0 46.4#

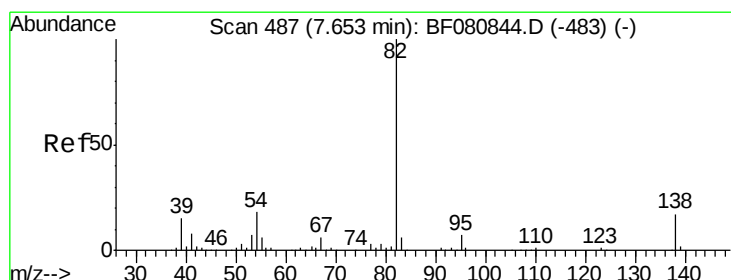
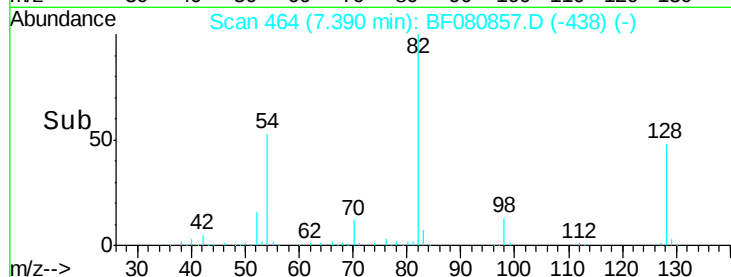
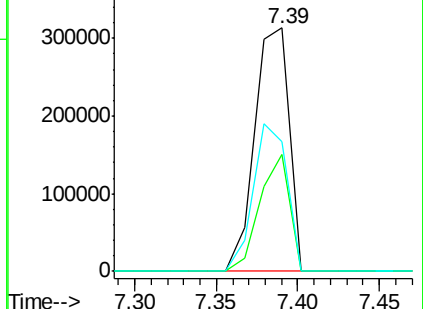
54 53.3 51.0 76.6



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: 51.24 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

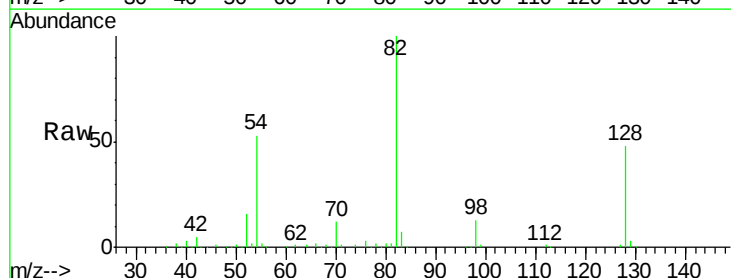
Tgt Ion: 82 Resp: 420812

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

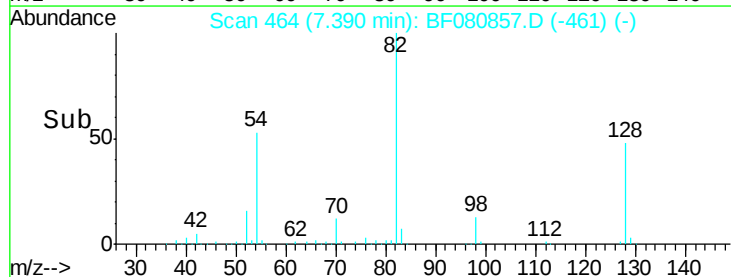
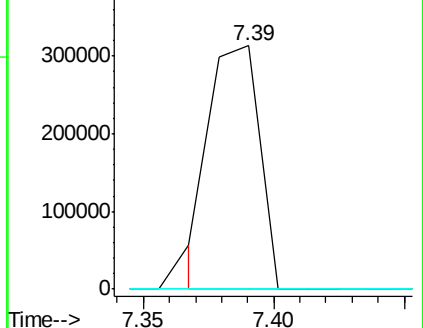
138 0.0 13.3 19.9#

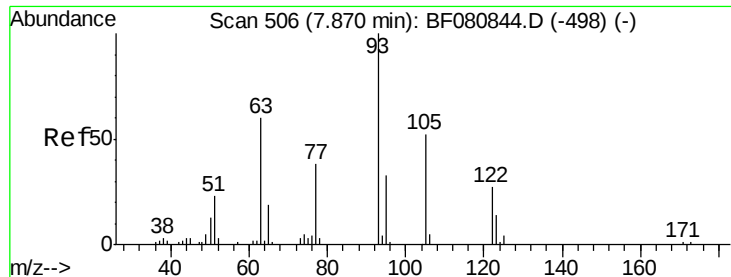


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#32

Benzoic acid

Concen: 2.78 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.08 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-17

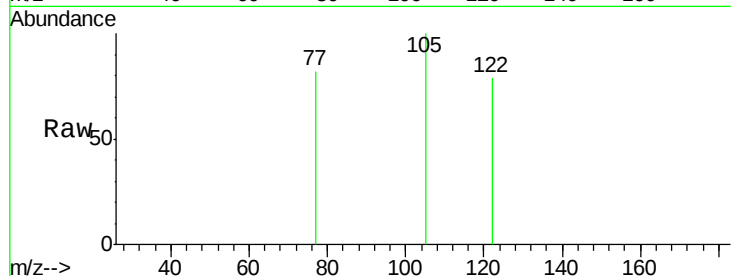
Tot Ion:122 Resp: 314

Ion Ratio Lower Upper

122 100

105 126.9 110.1 150.1

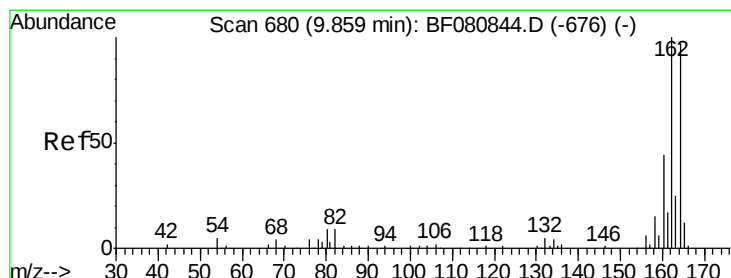
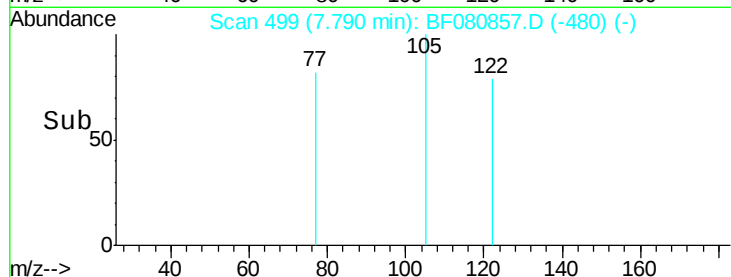
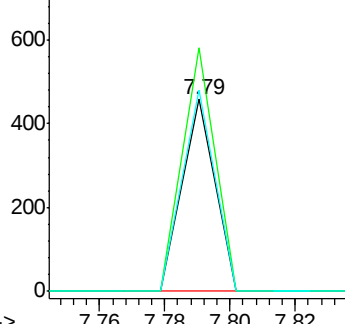
77 104.6 83.6 123.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

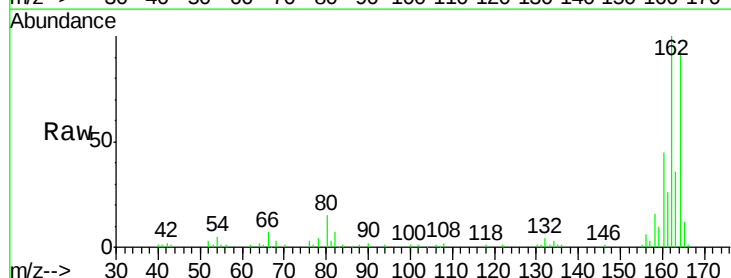
Tgt Ion:164 Resp: 90048

Ion Ratio Lower Upper

164 100

162 107.3 82.9 124.3

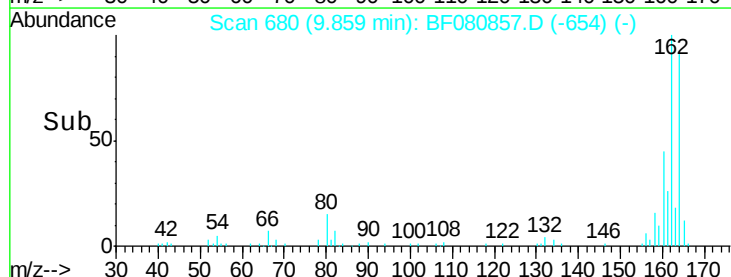
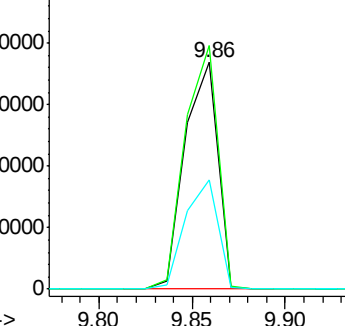
160 48.0 36.6 54.8

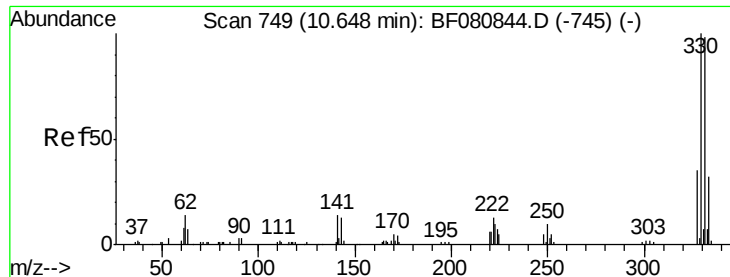


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

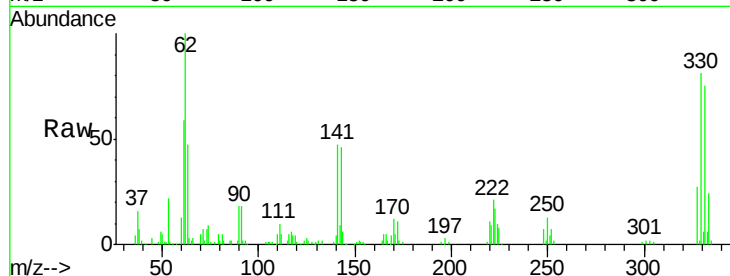




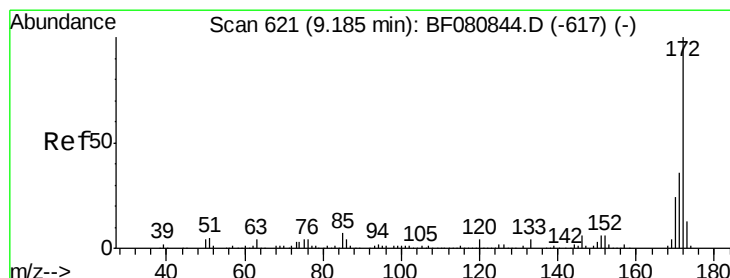
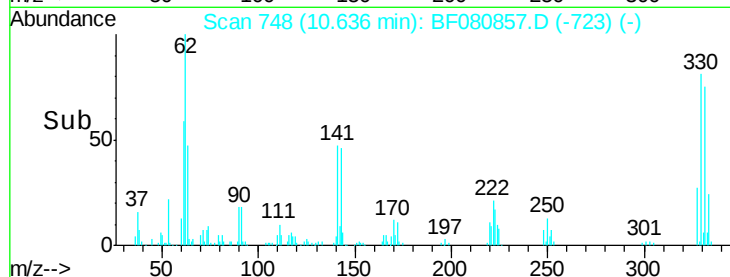
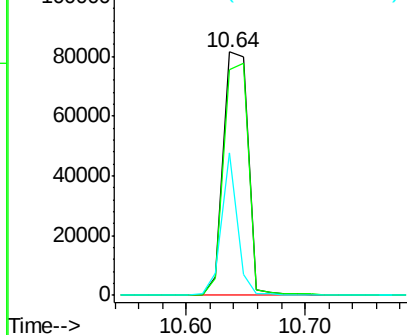
#41
 2,4,6-Tribromophenol
 Concen: 135.57 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF080857.D
 Acq: 5 Aug 2015 00:58

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-21-17

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.8	116.8
141	36.8	28.4	42.6

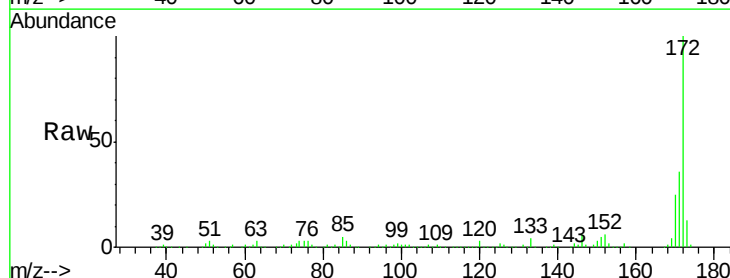


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

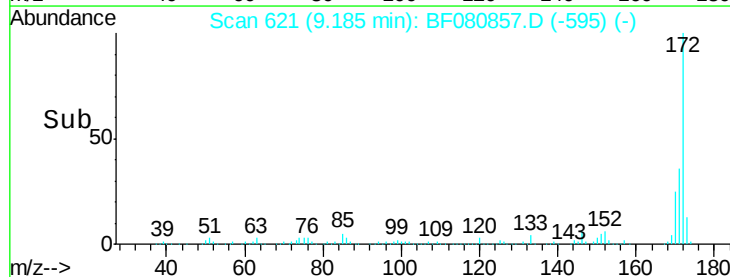
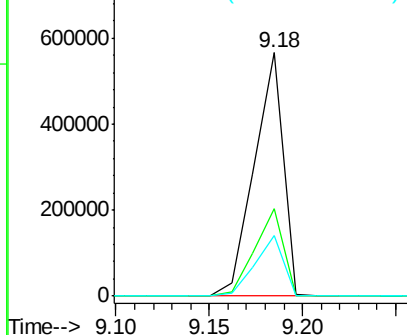


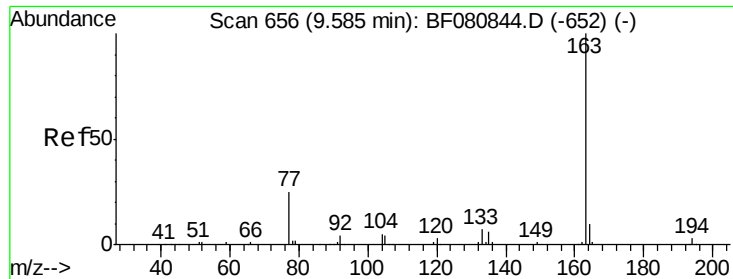
#44
 2-Fluorobiphenyl
 Concen: 90.73 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF080857.D
 Acq: 5 Aug 2015 00:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.6	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

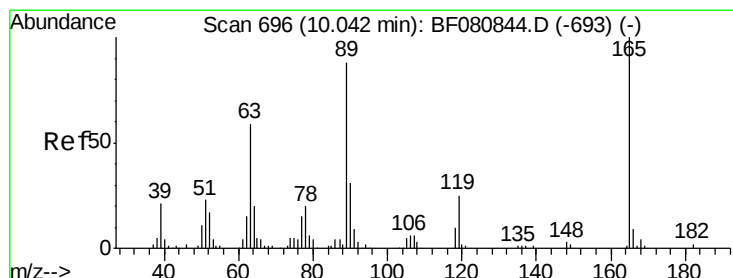
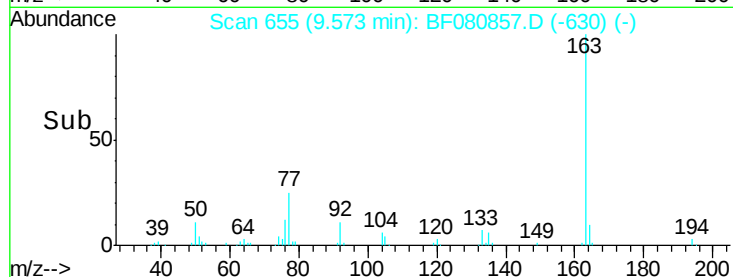
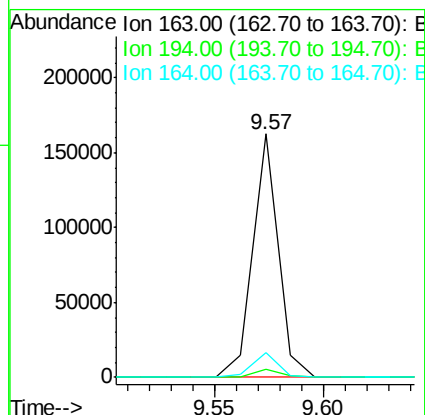
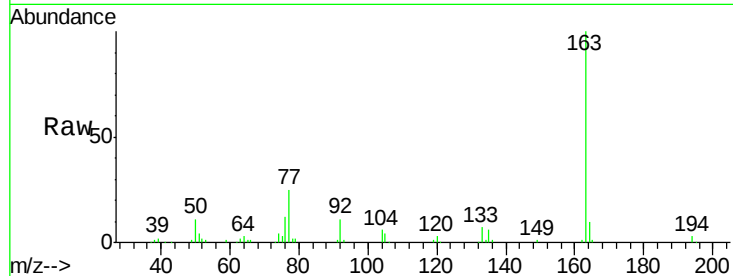




#49
Dimethylphthalate
Concen: 20.08 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF080857.D
Acq: 5 Aug 2015 00:58

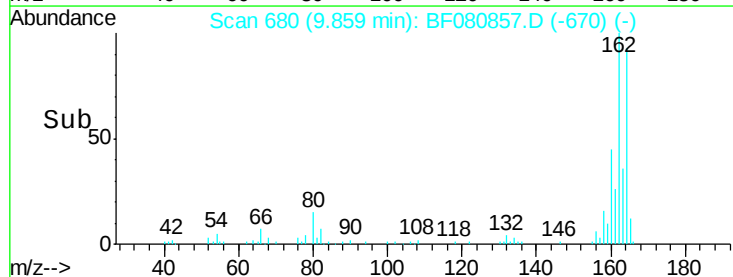
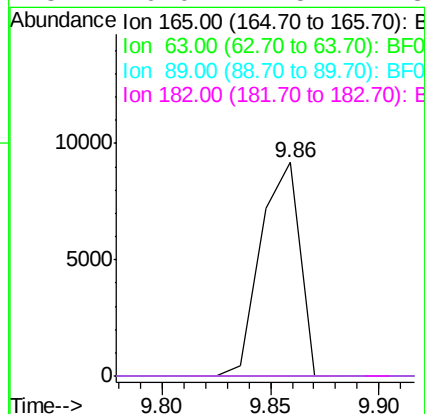
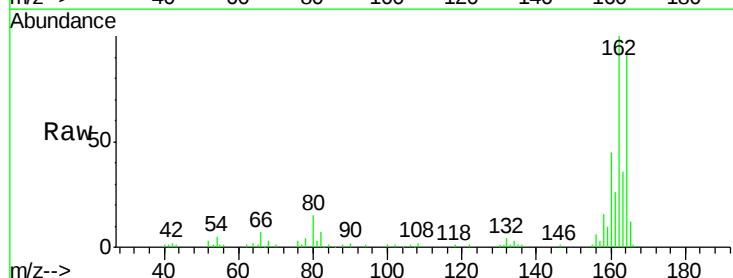
Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-17

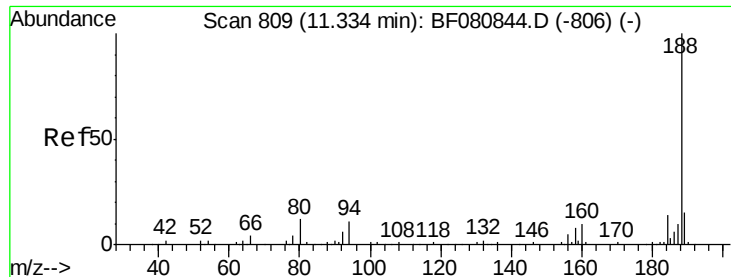
Tot Ion:163 Resp: 131858
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.18 min
Lab File: BF080857.D
Acq: 5 Aug 2015 00:58

Tgt Ion:165 Resp: 11527
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#

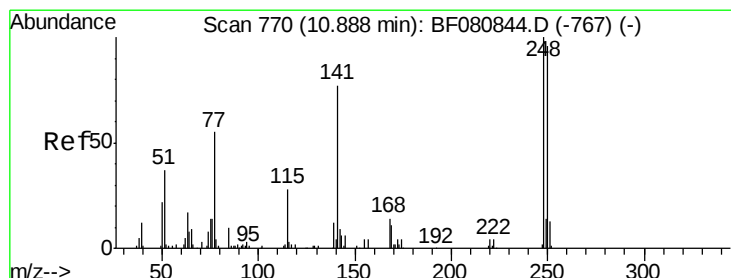
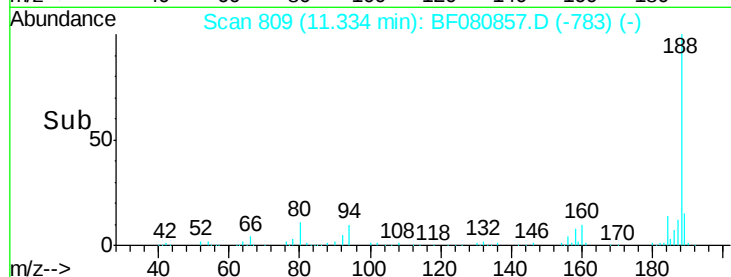
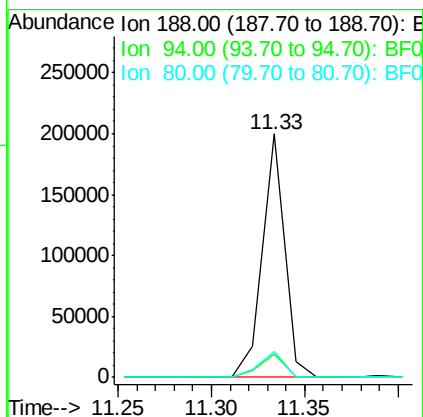
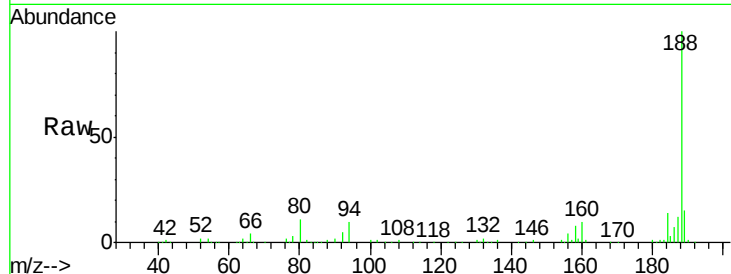




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF080857.D
 Acq: 5 Aug 2015 00:58

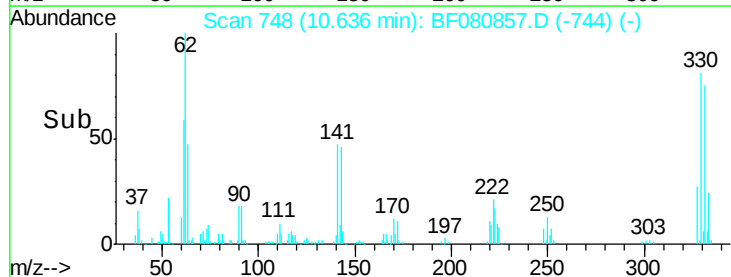
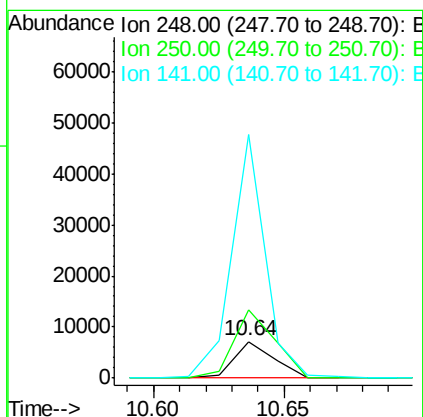
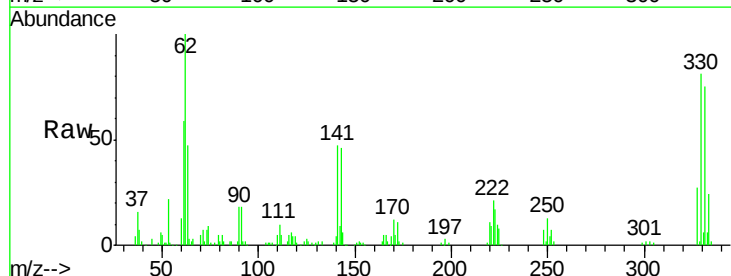
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-21-17

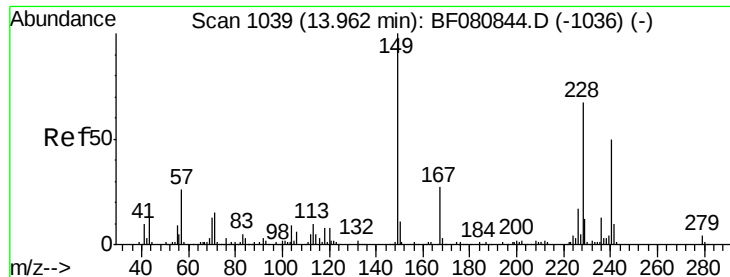
Tot Ion:188 Resp: 163626
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.6 12.8
 80 10.6 9.3 13.9



#66
 4-Bromophenyl-phenylether
 Concen: 4.20 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.25 min
 Lab File: BF080857.D
 Acq: 5 Aug 2015 00:58

Tgt Ion:248 Resp: 7597
 Ion Ratio Lower Upper
 248 100
 250 188.2 77.2 115.8#
 141 671.7 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: BF080857.D

Acq: 5 Aug 2015 00:58

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-17

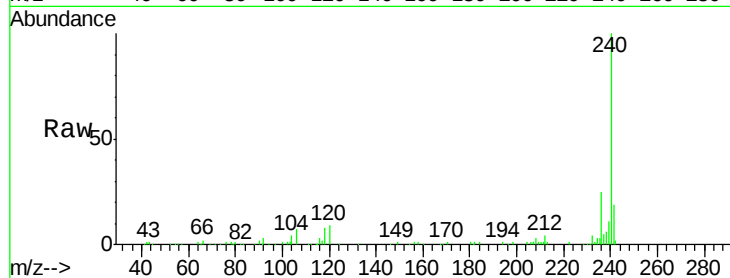
Tot Ion:240 Resp: 120097

Ion Ratio Lower Upper

240 100

120 9.4 13.0 19.6#

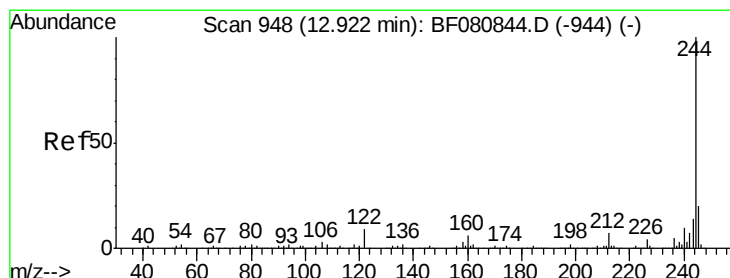
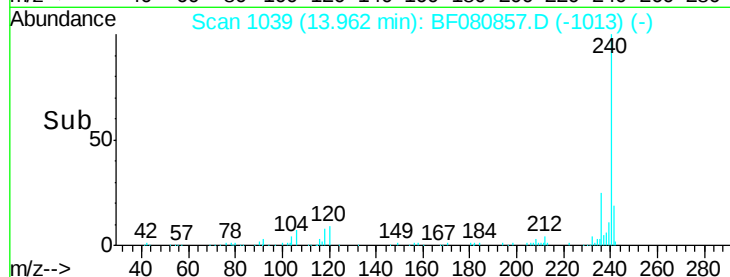
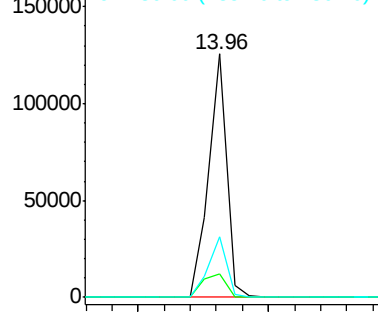
236 24.7 20.7 31.1



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



#78

Terphenyl-d14

Concen: 66.10 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

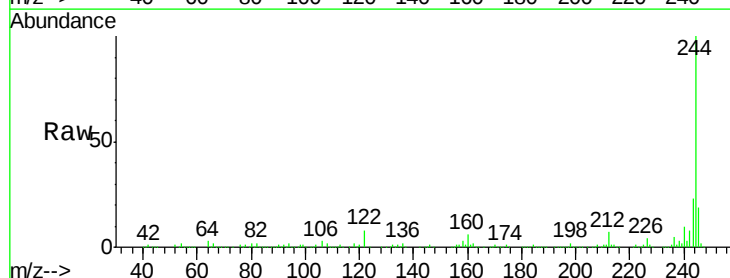
Tgt Ion:244 Resp: 438600

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

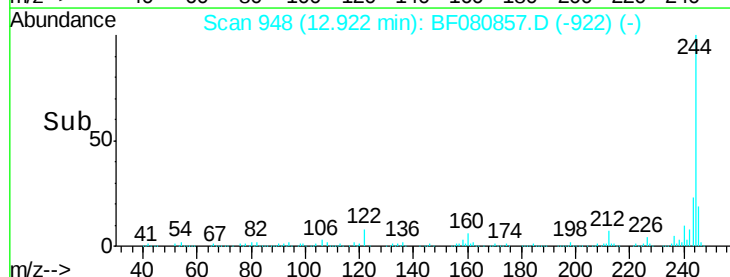
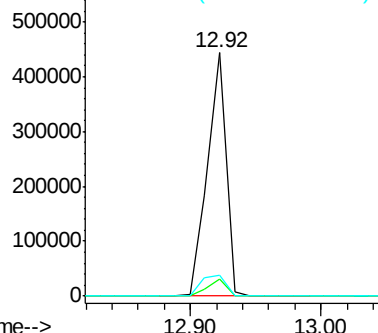
122 8.4 7.1 10.7

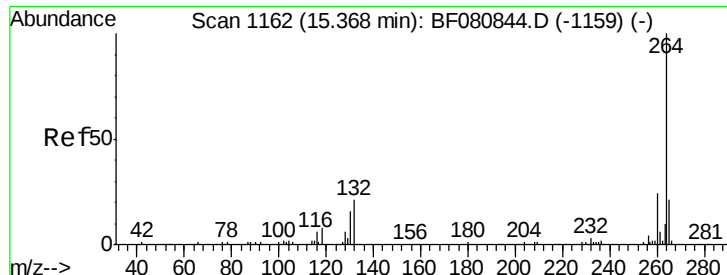


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

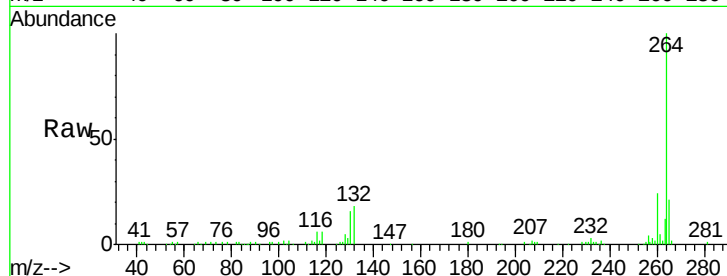




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF080857.D
Acq: 5 Aug 2015 00:58

Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-17

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

