

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080852.D
 Acq On : 4 Aug 2015 22:23
 Operator : TP/UM
 Sample : G3088-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-EFFLUENT-072315

Quant Time: Aug 05 02:35:39 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

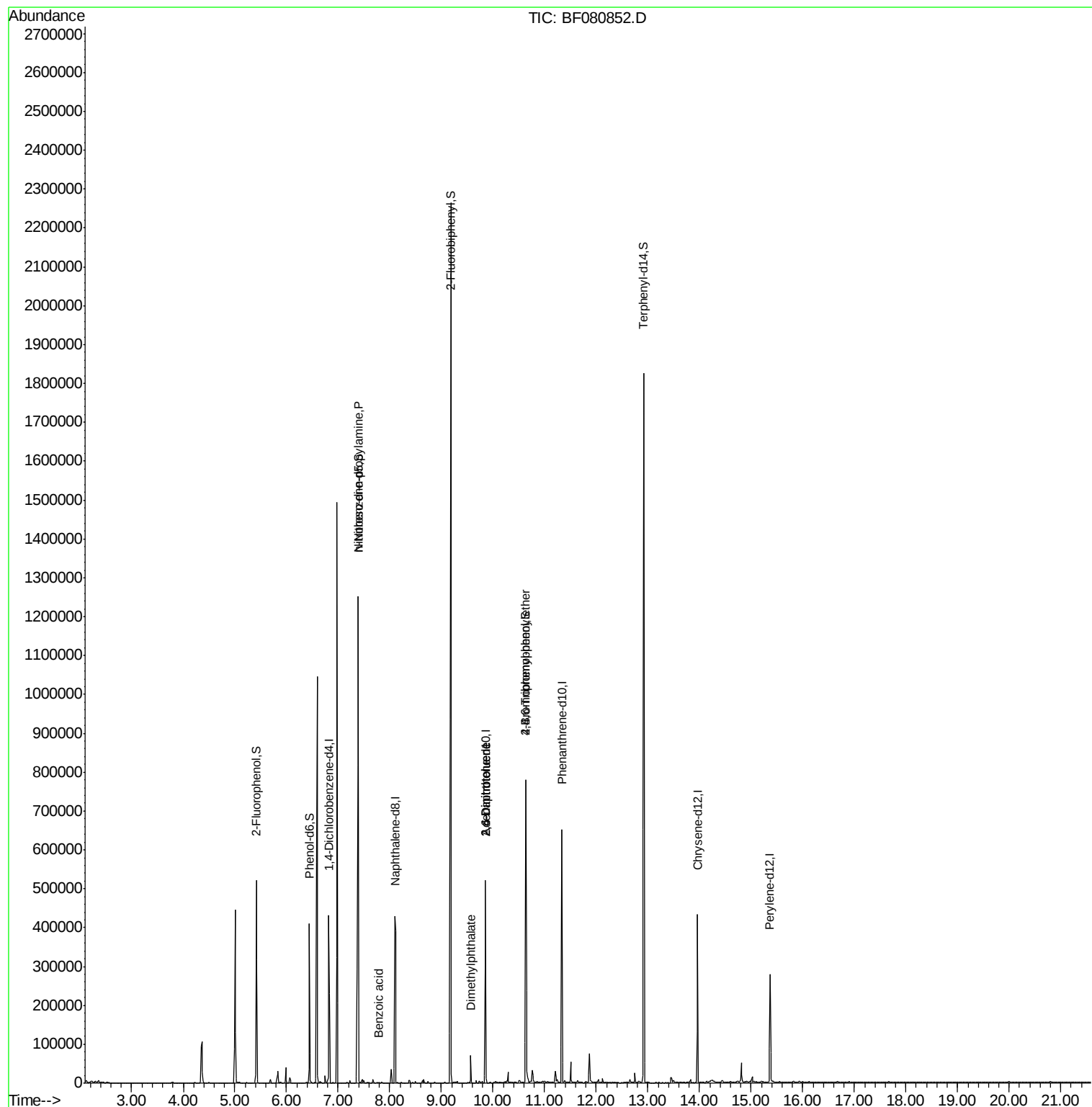
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	72987	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	281191	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	119955	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	216896	20.00	ng	0.00
75) Chrysene-d12	13.96	240	150636	20.00	ng	0.00
86) Perylene-d12	15.37	264	115750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	158846	32.94	ng	-0.01
7) Phenol-d6	6.44	99	128852	20.44	ng	-0.01
23) Nitrobenzene-d5	7.39	82	521065	87.33	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	90140	77.92	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	759754	85.29	ng	0.00
78) Terphenyl-d14	12.92	244	571616	68.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	68789	16.89	ng	# 70
32) Benzoic acid	7.79	122	286	2.74	ng	# 67
49) Dimethylphthalate	9.57	163	26139	2.99	ng	99
50) 2,6-Dinitrotoluene	9.86	165	15315	8.37	ng	# 11
56) 2,4-Dinitrotoluene	9.86	165	15315	6.63	ng	# 13
66) 4-Bromophenyl-phenylether	10.64	248	5621	2.34	ng	# 1

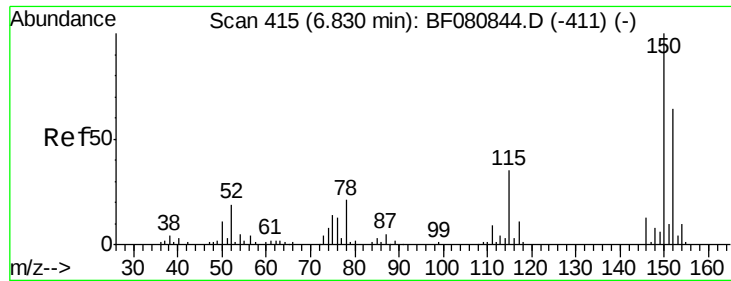
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
Data File : BF080852.D
Acq On : 4 Aug 2015 22:23
Operator : TP/UM
Sample : G3088-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DIN46-EFFLUENT-072315

Quant Time: Aug 05 02:35:39 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



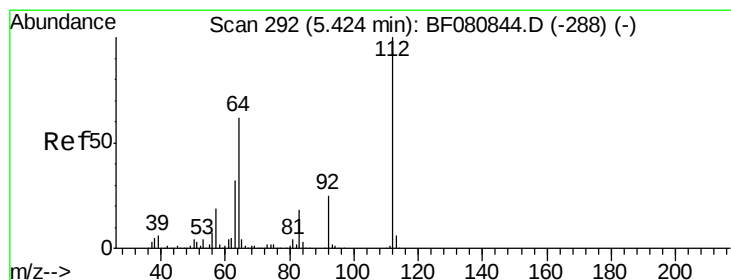
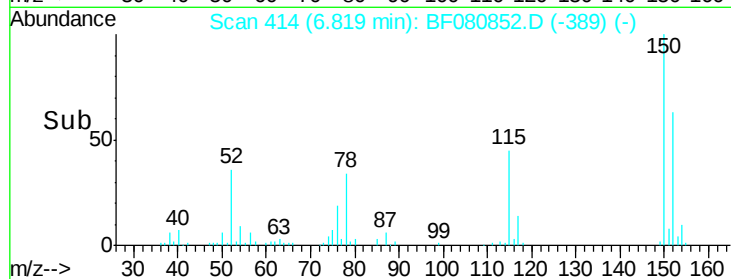
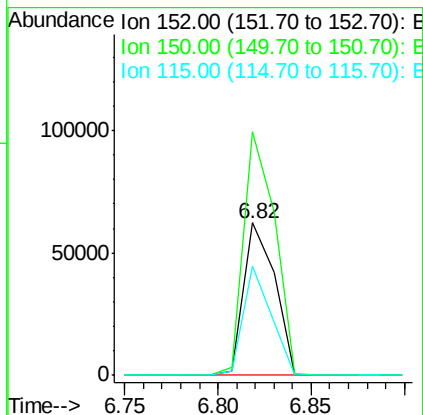
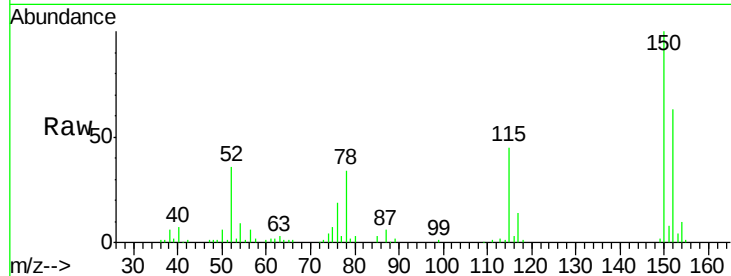


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF080852.D
Acq: 4 Aug 2015 22:23

Instrument :
BNA_F
ClientSampleId :
DIN46-EFFLUENT-072315

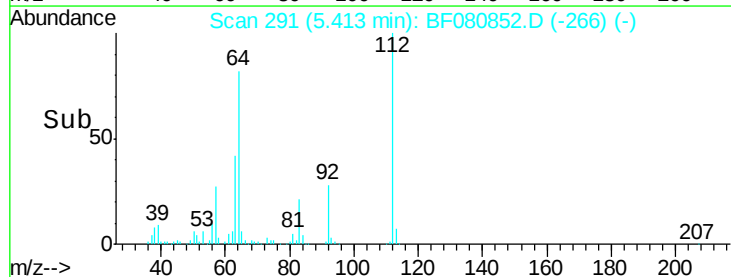
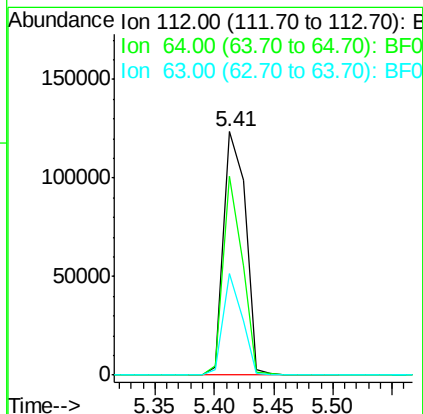
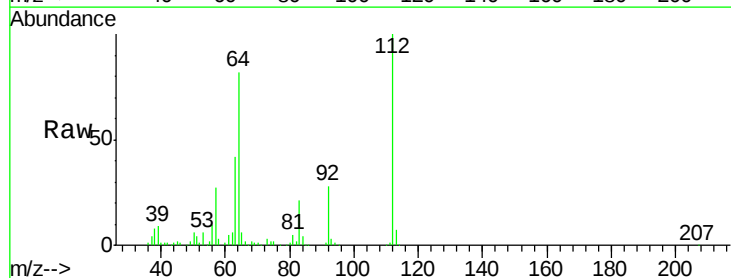
Tot Ion:152 Resp: 72987
Ion Ratio Lower Upper
152 100
150 159.7 124.6 187.0
115 71.5 44.2 66.4#

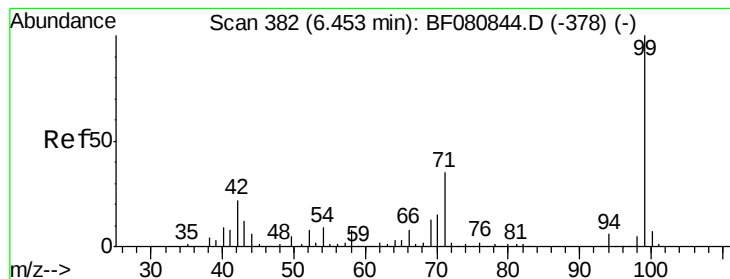


#5

2-Fluorophenol
Concen: 32.94 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF080852.D
Acq: 4 Aug 2015 22:23

Tgt Ion:112 Resp: 158846
Ion Ratio Lower Upper
112 100
64 81.7 49.5 74.3#
63 41.7 25.3 37.9#





#7

Phenol-d6

Concen: 20.44 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080852.D

Acq: 4 Aug 2015 22:23

Instrument :

BNA_F

ClientSampleId :

DIN46-EFFLUENT-072315

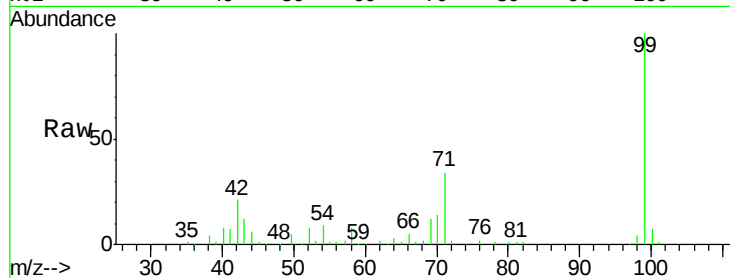
Tot Ion: 99 Resp: 128852

Ion Ratio Lower Upper

99 100

42 21.3 17.9 26.9

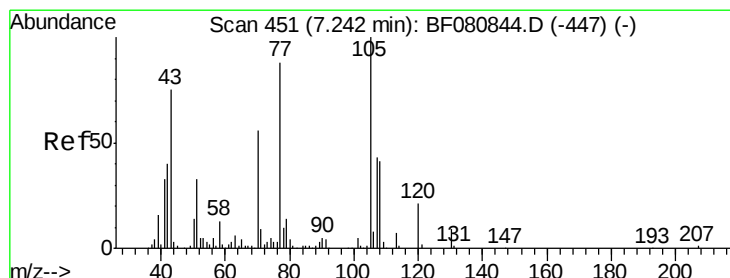
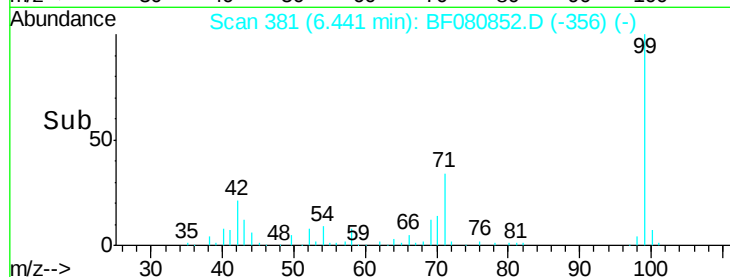
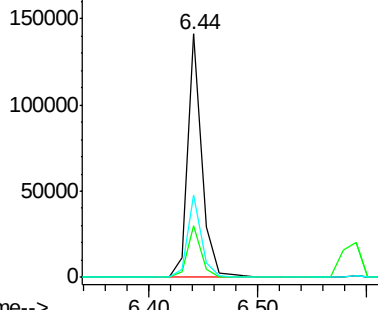
71 33.7 28.2 42.4



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: 16.89 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF080852.D

Acq: 4 Aug 2015 22:23

Tgt Ion: 70 Resp: 68789

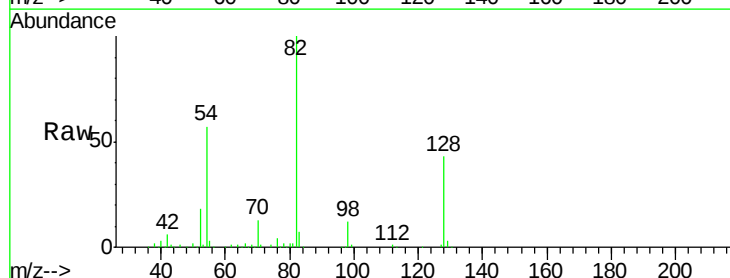
Ion Ratio Lower Upper

70 100

42 46.6 57.8 86.8#

101 0.0 6.7 10.1#

130 2.0 12.6 19.0#

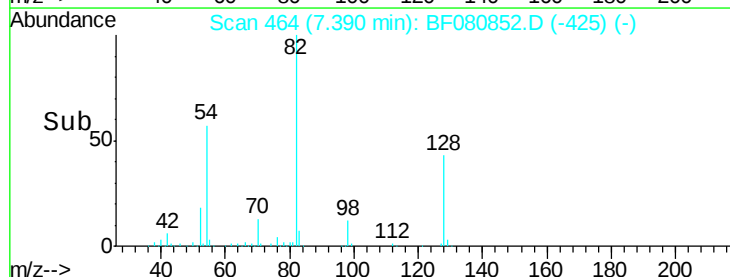
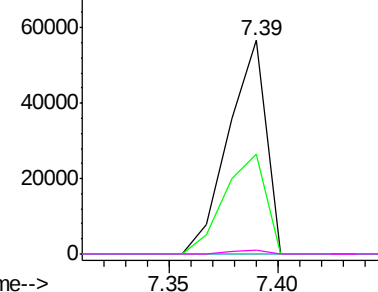


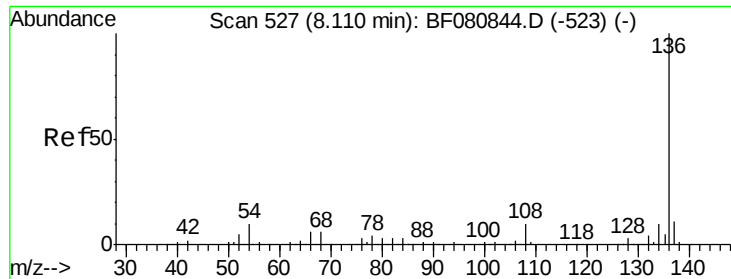
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

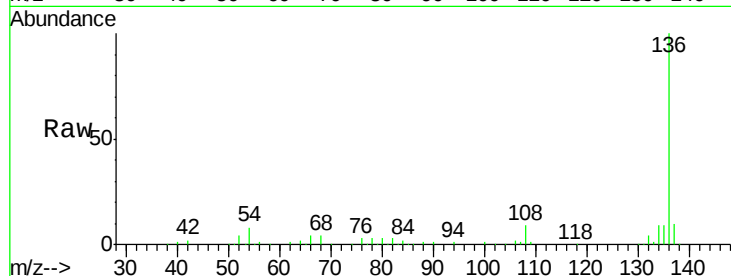




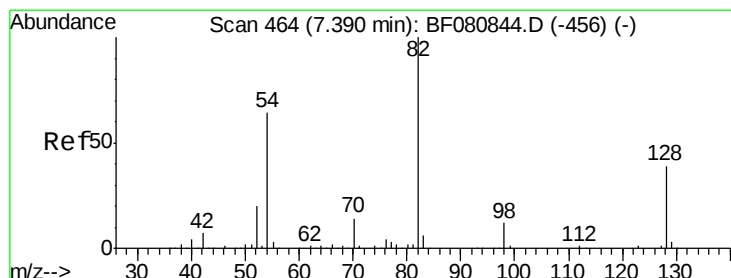
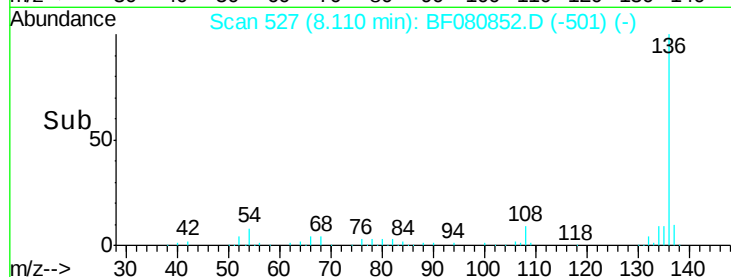
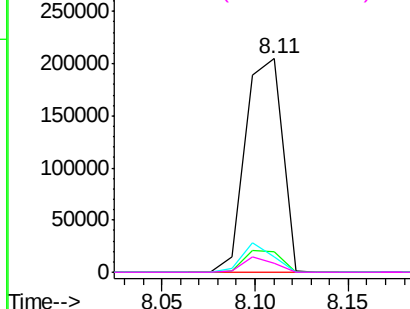
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF080852.D
Acq: 4 Aug 2015 22:23

Instrument :
BNA_F
ClientSampleId :
DIN46-EFFLUENT-072315

Tot Ion:	136	Resp:	281191
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.6	13.0
54	7.5	8.3	12.5#
68	4.3	4.8	7.2#

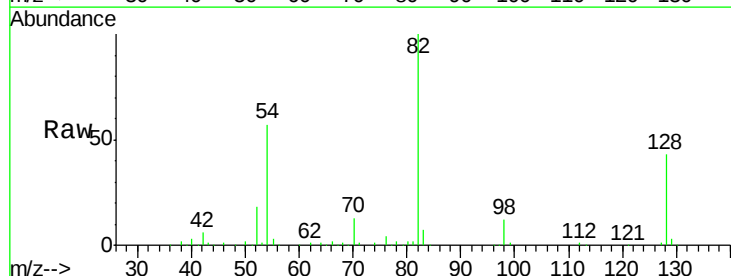


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

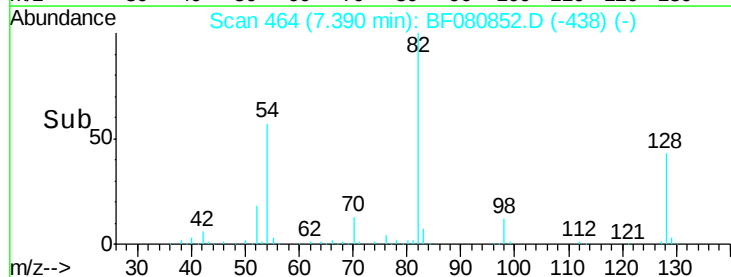
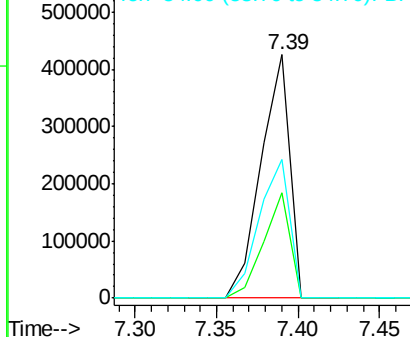


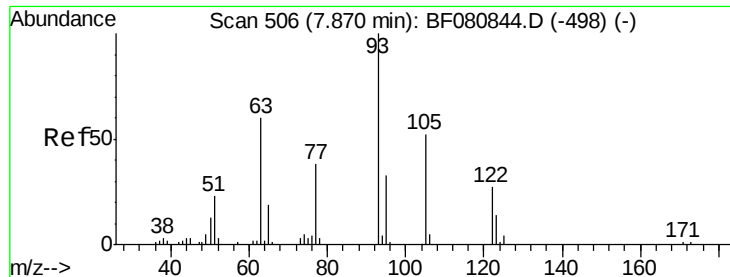
#23
Nitrobenzene-d5
Concen: 87.33 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF080852.D
Acq: 4 Aug 2015 22:23

Tgt Ion:	82	Resp:	521065
Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.0	46.4
54	57.0	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





#32

Benzoic acid

Concen: 2.74 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.08 min

Lab File: BF080852.D

Acq: 4 Aug 2015 22:23

Instrument :

BNA_F

ClientSampleId :

DIN46-EFFLUENT-072315

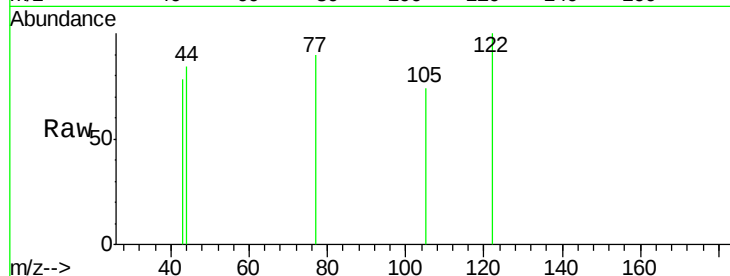
Tot Ion:122 Resp: 286

Ion Ratio Lower Upper

122 100

105 73.9 110.1 150.1#

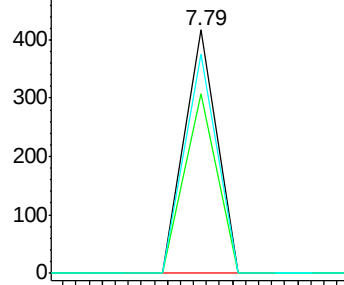
77 90.2 83.6 123.6



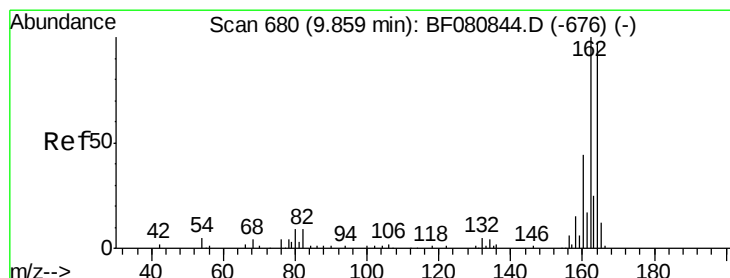
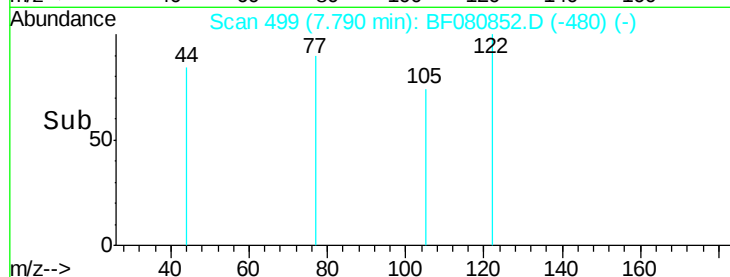
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF080852.D

Acq: 4 Aug 2015 22:23

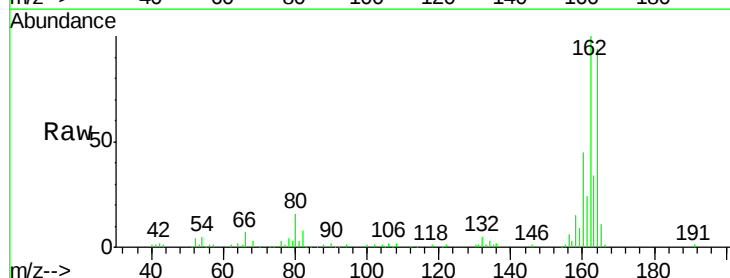
Tgt Ion:164 Resp: 119955

Ion Ratio Lower Upper

164 100

162 106.9 82.9 124.3

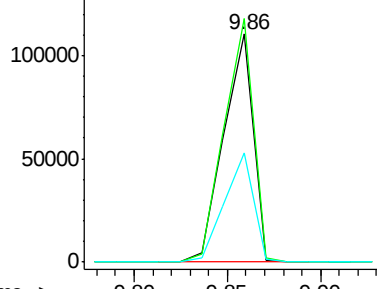
160 47.9 36.6 54.8



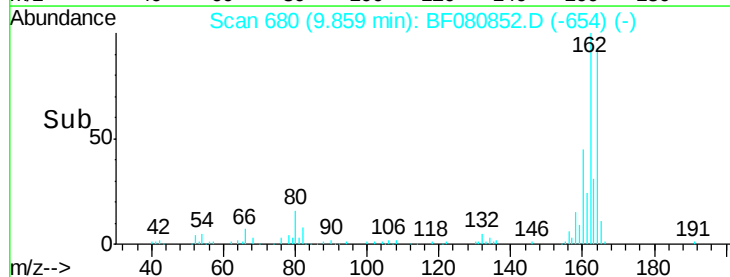
Abundance Ion 164.00 (163.70 to 164.70): E

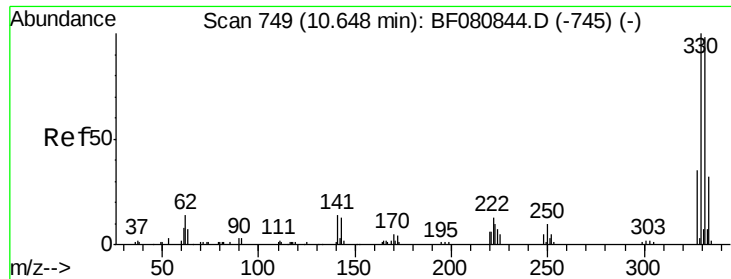
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

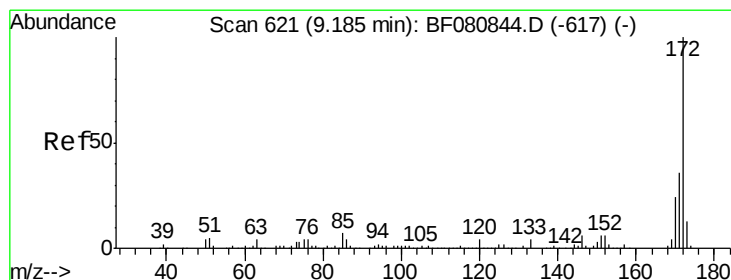
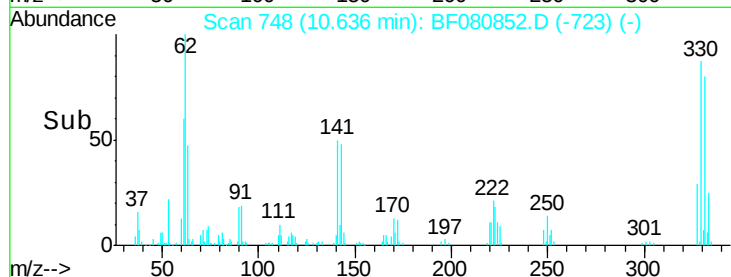
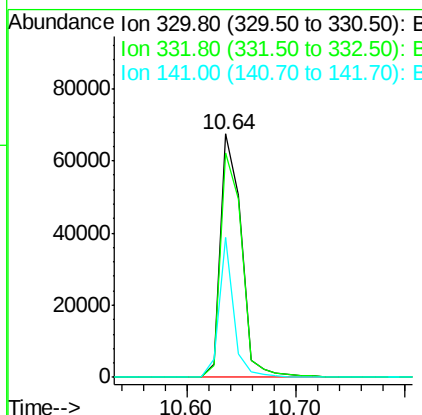
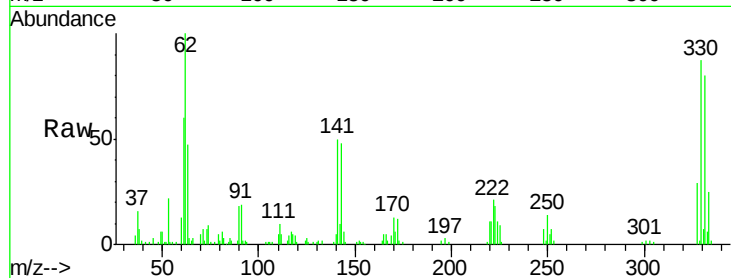




#41
 2,4,6-Tribromophenol
 Concen: 77.92 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF080852.D
 Acq: 4 Aug 2015 22:23

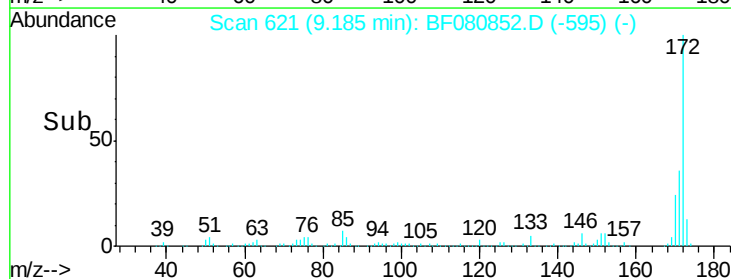
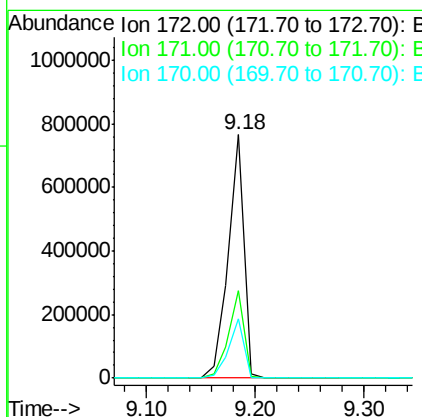
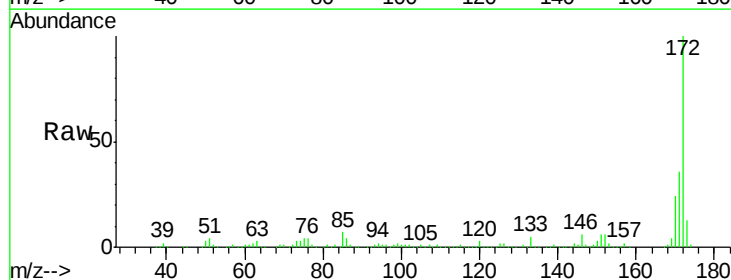
Instrument :
 BNA_F
 ClientSampleId :
 DIN46-EFFLUENT-072315

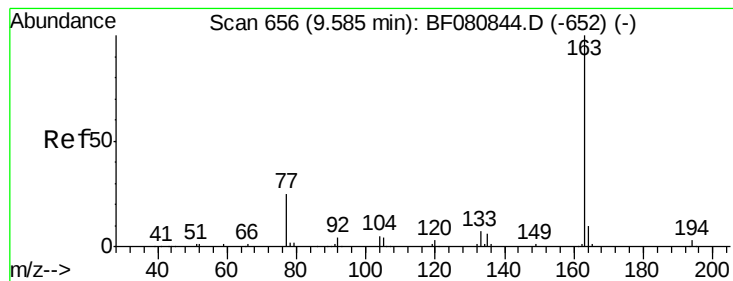
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.8	116.8
141	40.1	28.4	42.6



#44
 2-Fluorobiphenyl
 Concen: 85.29 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080852.D
 Acq: 4 Aug 2015 22:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.3	19.4	29.2





#49

Dimethylphthalate

Concen: 2.99 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF080852.D

Acq: 4 Aug 2015 22:23

Instrument :

BNA_F

ClientSampleId :

DIN46-EFFLUENT-072315

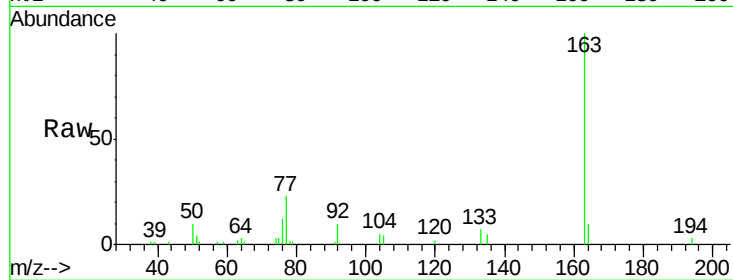
Tot Ion:163 Resp: 26139

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

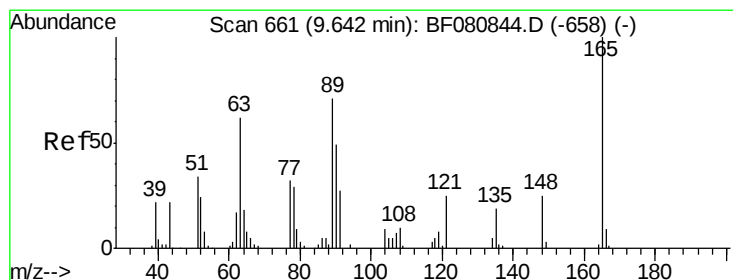
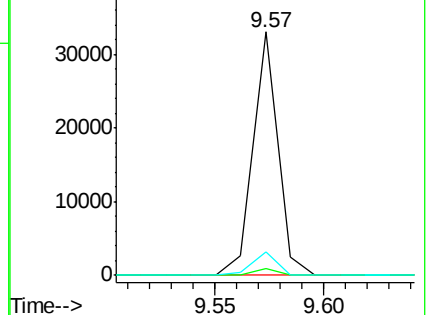
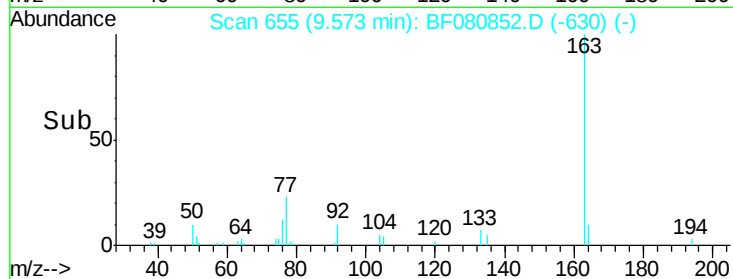
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.37 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.22 min

Lab File: BF080852.D

Acq: 4 Aug 2015 22:23

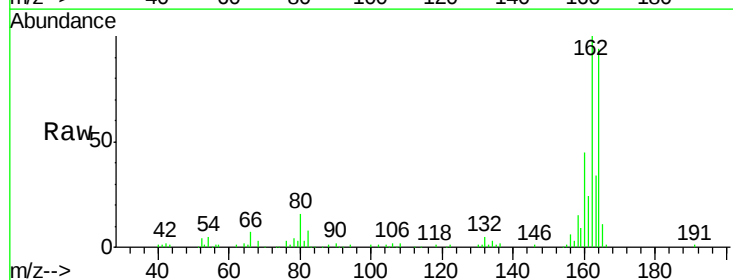
Tgt Ion:165 Resp: 15315

Ion Ratio Lower Upper

165 100

63 0.0 65.0 97.6#

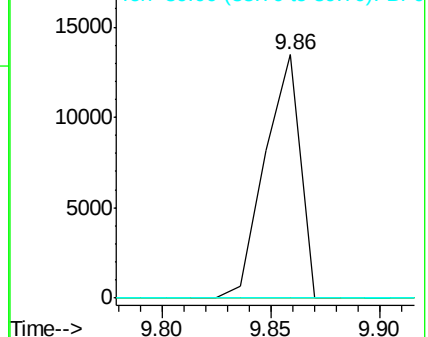
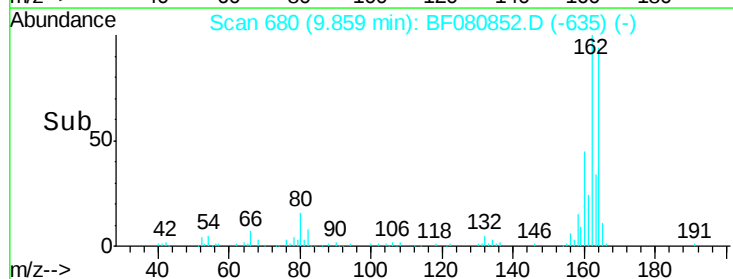
89 0.0 56.6 85.0#

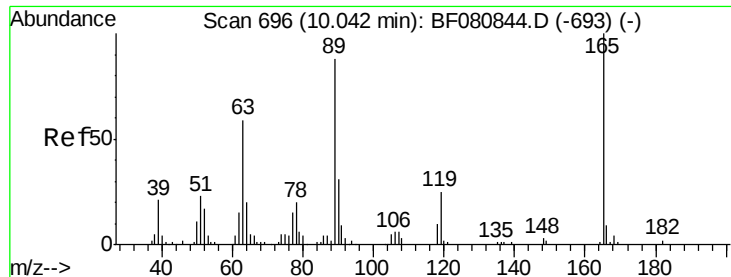


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

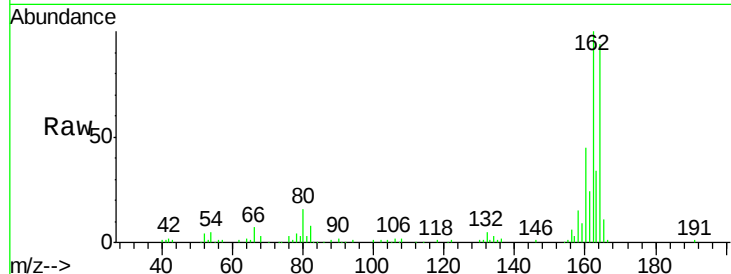




#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.18 min
 Lab File: BF080852.D
 Acq: 4 Aug 2015 22:23

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-EFFLUENT-072315

Tot 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#

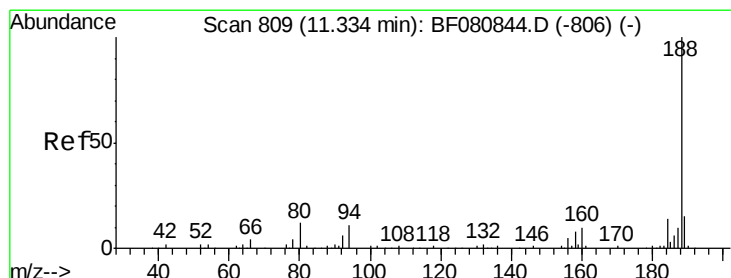
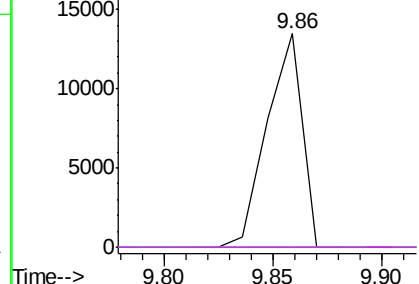
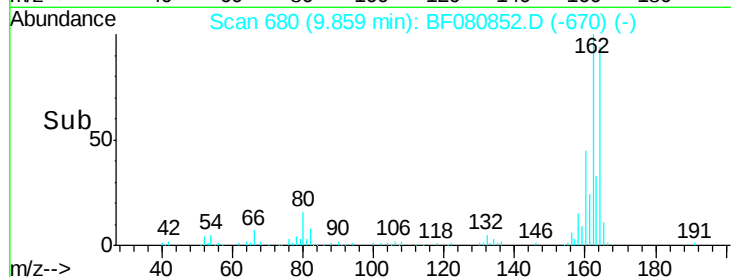


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

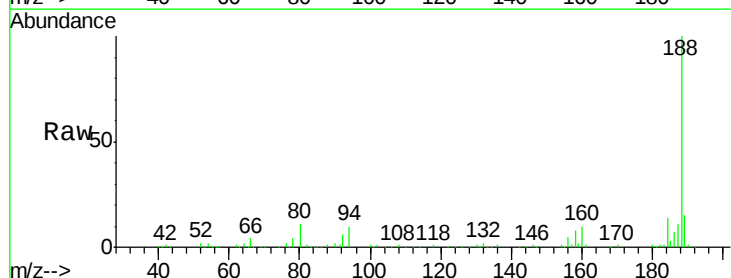
Ion 89.00 (88.70 to 89.70): BF0

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: BF080852.D
 Acq: 4 Aug 2015 22:23

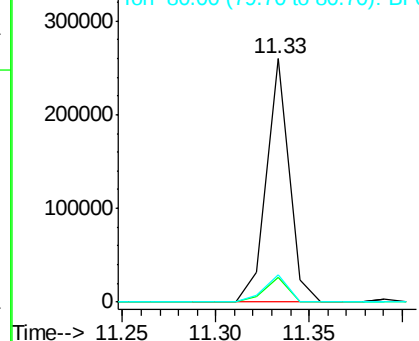
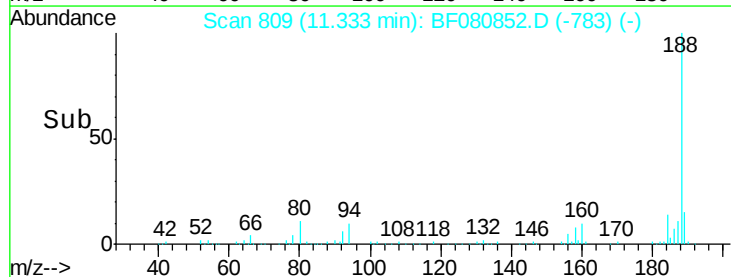
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.6	12.8
80	11.2	9.3	13.9

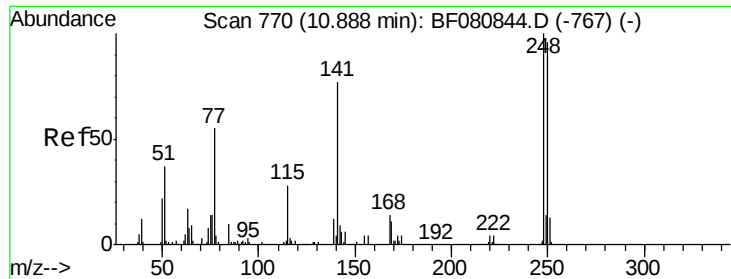


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.34 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.25 min

Lab File: BF080852.D

Acq: 4 Aug 2015 22:23

Instrument :

BNA_F

ClientSampleId :

DIN46-EFFLUENT-072315

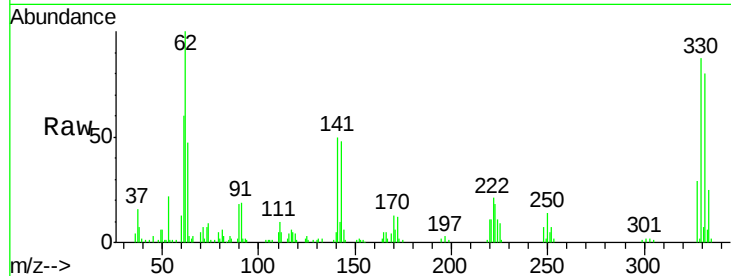
Tot Ion:248 Resp: 5621

Ion Ratio Lower Upper

248 100

250 197.4 77.2 115.8#

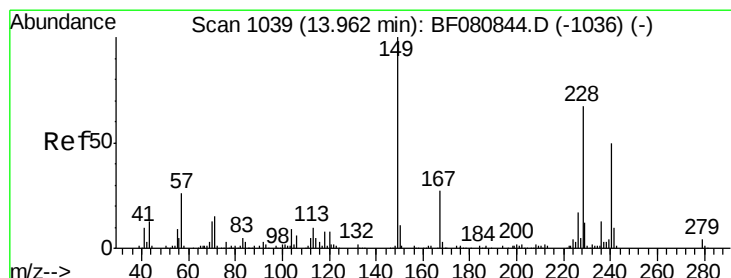
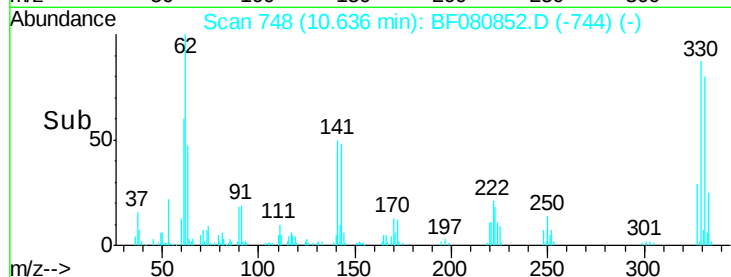
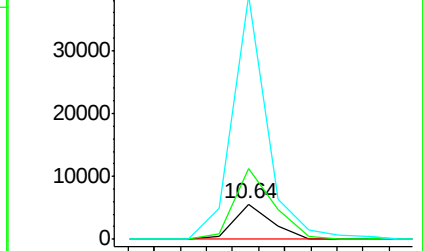
141 684.6 61.4 92.0#



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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080852.D

Acq: 4 Aug 2015 22:23

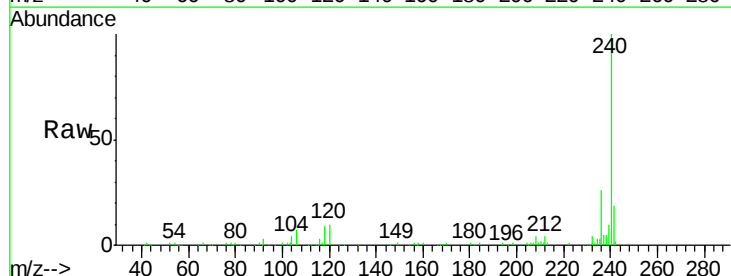
Tgt Ion:240 Resp: 150636

Ion Ratio Lower Upper

240 100

120 9.9 13.0 19.6#

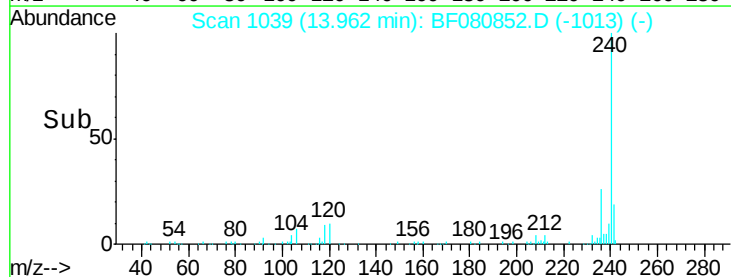
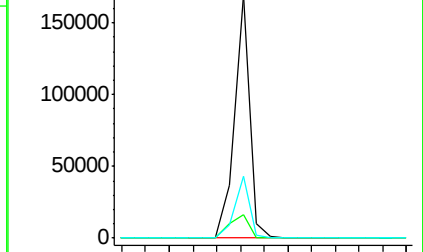
236 25.5 20.7 31.1

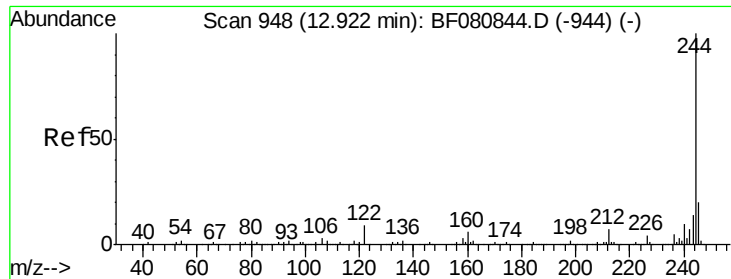


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

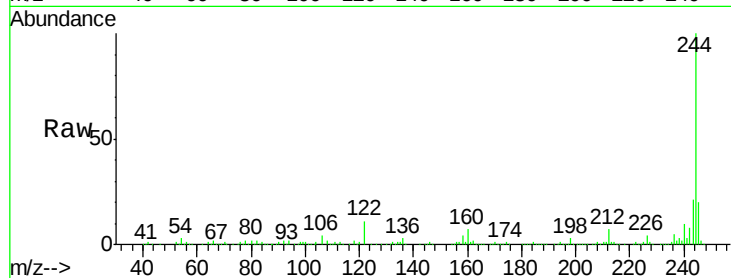




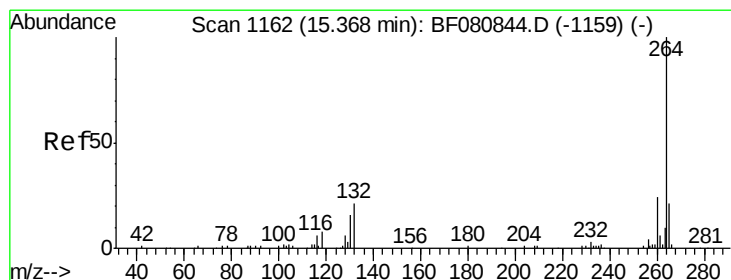
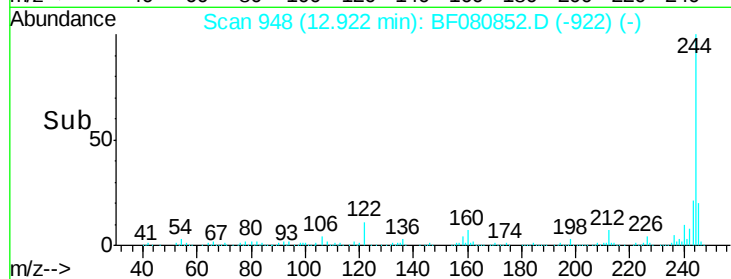
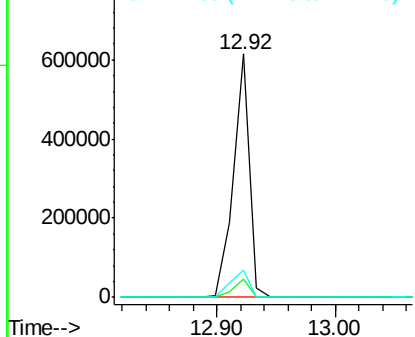
#78
 Terphenyl-d14
 Concen: 68.68 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080852.D
 Acq: 4 Aug 2015 22:23

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-EFFLUENT-072315

Tot Ion:244 Resp: 571616
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 11.4 7.1 10.7#

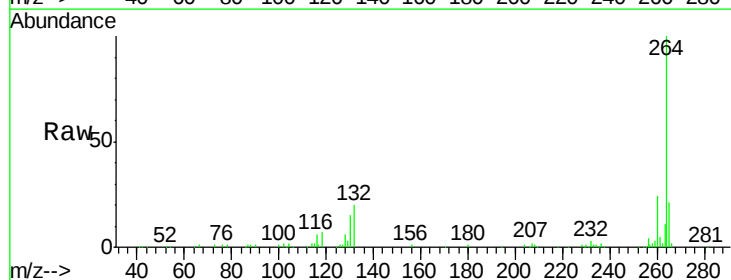


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080852.D
 Acq: 4 Aug 2015 22:23

Tgt Ion:264 Resp: 115750
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.4 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

