

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080870.D
 Acq On : 5 Aug 2015 8:37
 Operator : TP/UM
 Sample : G3170-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Aug 05 15:05:43 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

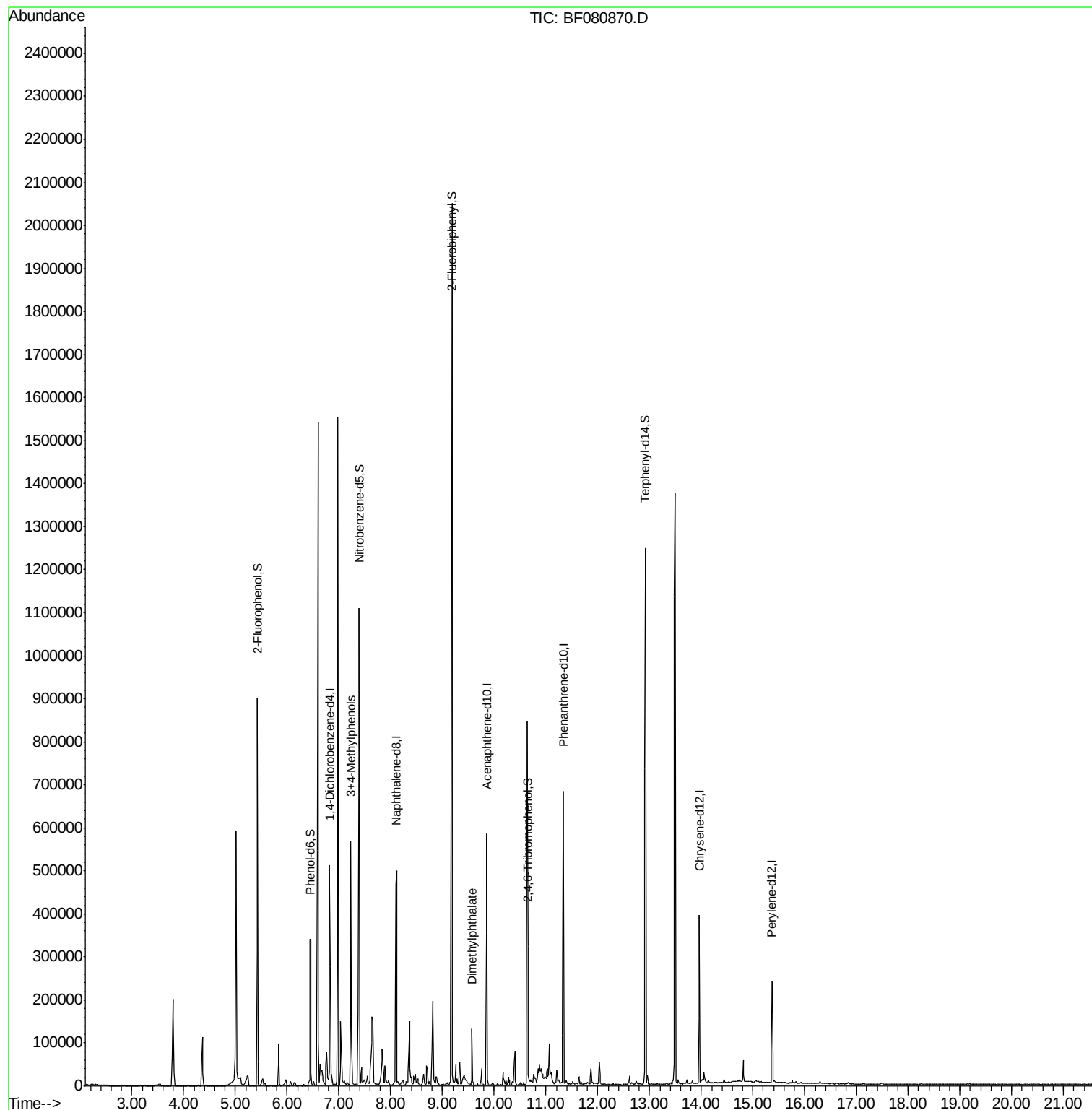
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	86342	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	325059	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	139429	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	228883	20.00	ng	0.00
75) Chrysene-d12	13.96	240	141400	20.00	ng	0.00
86) Perylene-d12	15.37	264	100368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	227661	39.91	ng	0.00
7) Phenol-d6	6.45	99	175529	23.54	ng	0.00
23) Nitrobenzene-d5	7.39	82	471280	68.33	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	106082	78.90	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	691725	66.80	ng	0.00
78) Terphenyl-d14	12.92	244	471459	60.35	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.23	107	143599	22.12	ng	Qvalue # 60
49) Dimethylphthalate	9.57	163	45062	4.43	ng	99

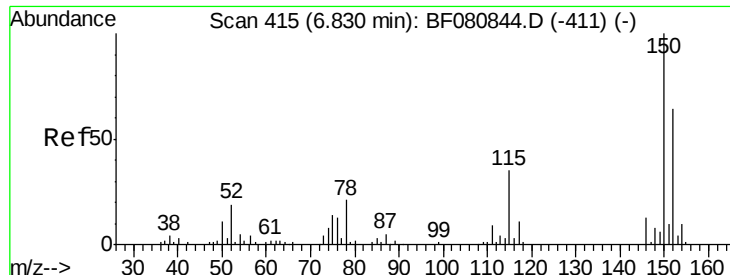
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080870.D

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MW-1

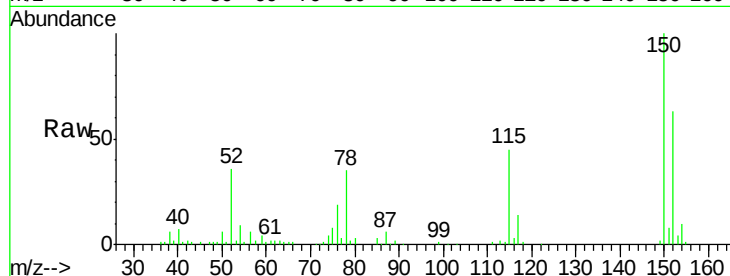
Tgt Ion:152 Resp: 86342

Ion Ratio Lower Upper

152 100

150 159.7 124.6 187.0

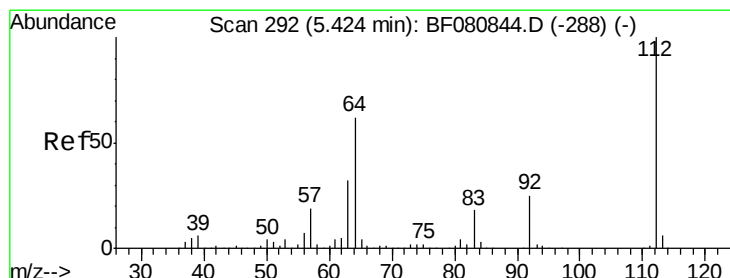
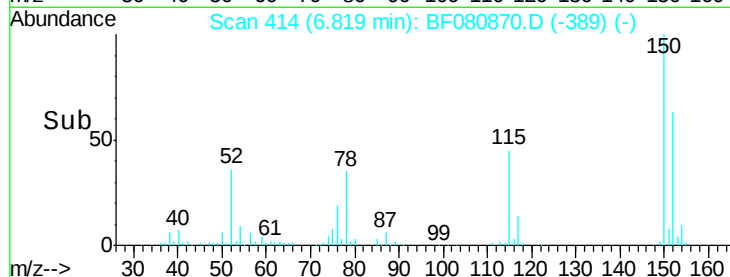
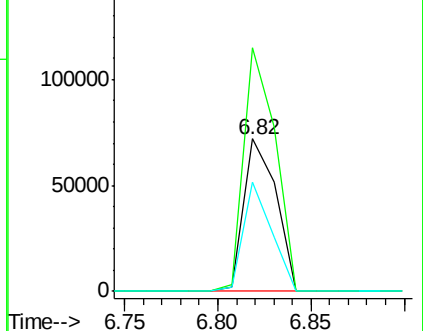
115 71.6 44.2 66.4#



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: 39.91 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF080870.D

Acq: 5 Aug 2015 8:37

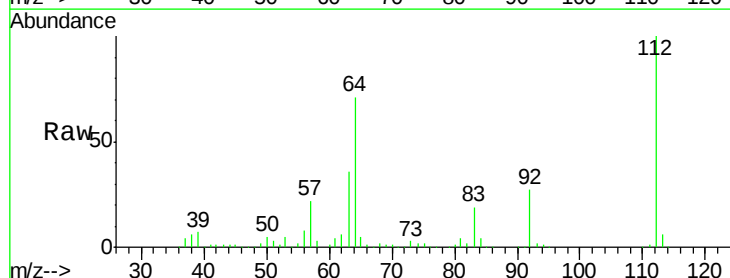
Tgt Ion:112 Resp: 227661

Ion Ratio Lower Upper

112 100

64 70.6 49.5 74.3

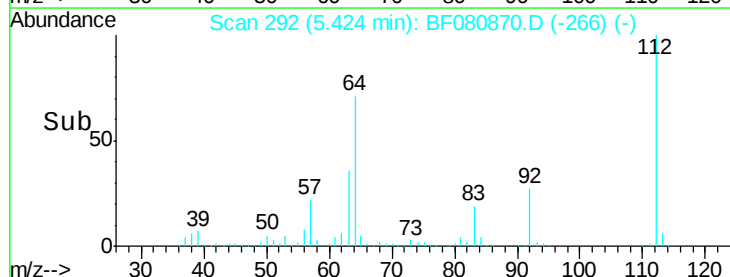
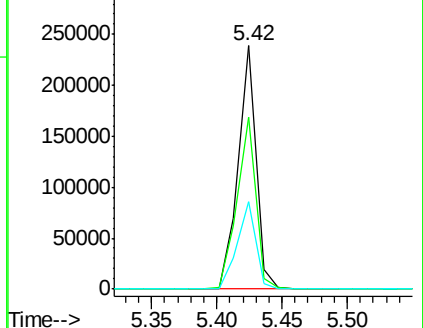
63 35.7 25.3 37.9

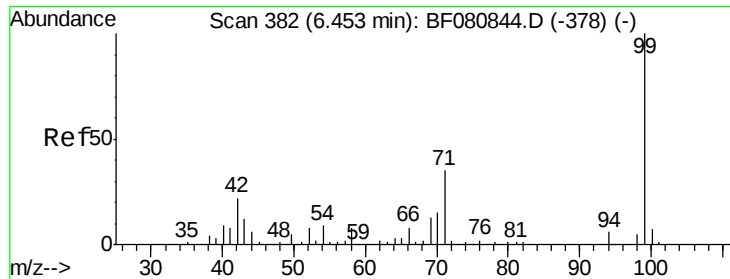


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.54 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080870.D

Acq: 5 Aug 2015 8:37

Instrument :

BNA_F

ClientSampleId :

MW-1

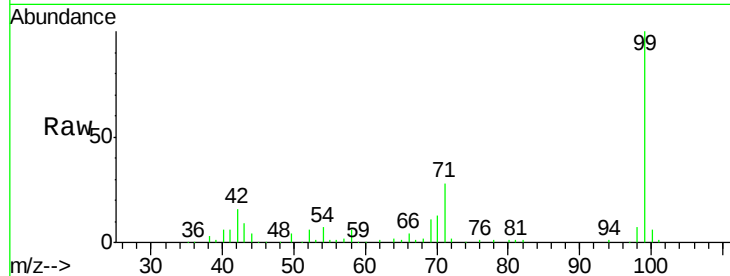
Tgt Ion: 99 Resp: 175529

Ion Ratio Lower Upper

99 100

42 16.0 17.9 26.9#

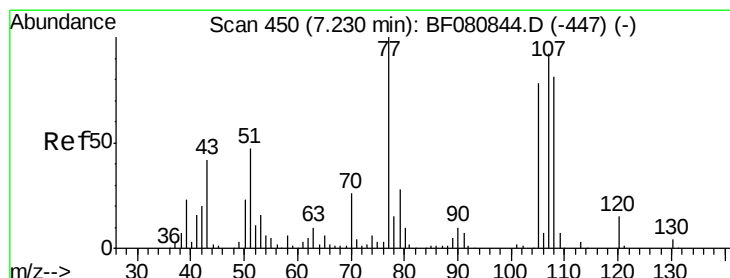
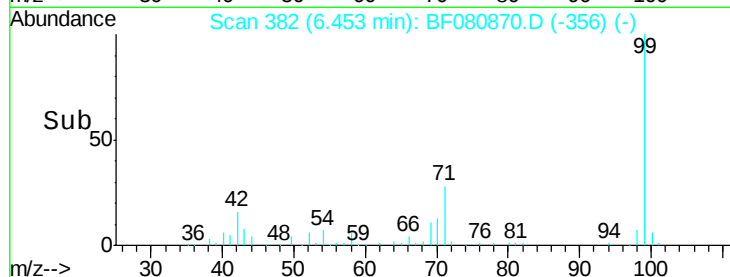
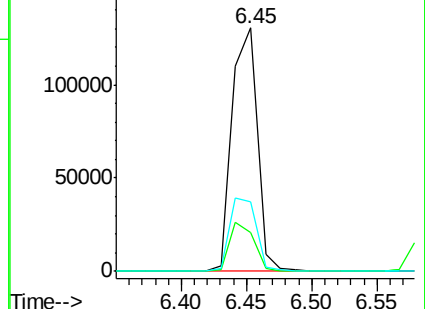
71 28.5 28.2 42.4



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



#20

3+4-Methylphenols

Concen: 22.12 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080870.D

Acq: 5 Aug 2015 8:37

Tgt Ion: 107 Resp: 143599

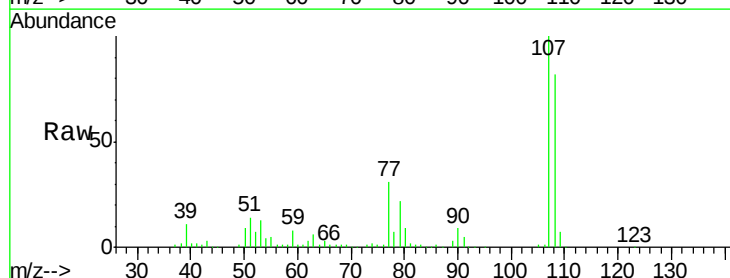
Ion Ratio Lower Upper

107 100

108 81.8 68.2 108.2

77 31.0 88.5 128.5#

79 21.5 10.3 50.3

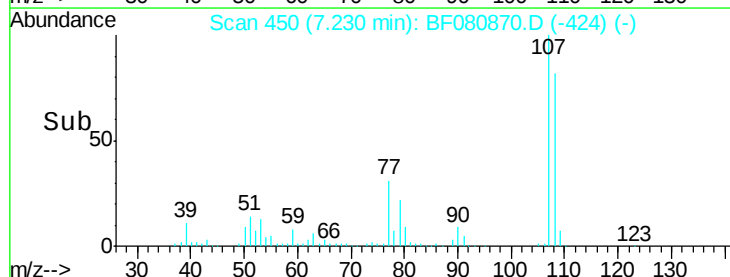
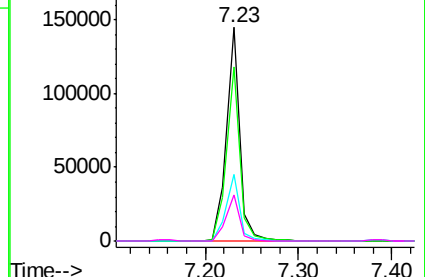


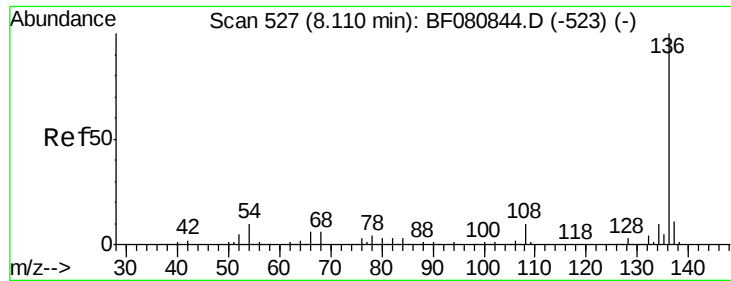
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

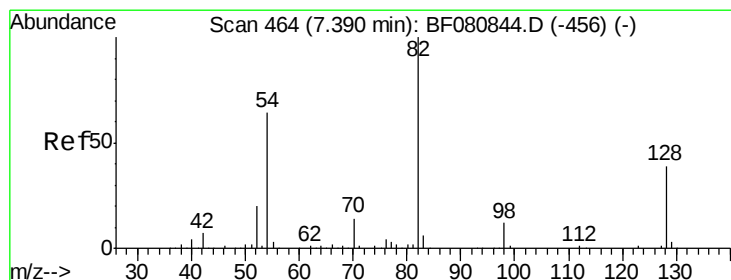
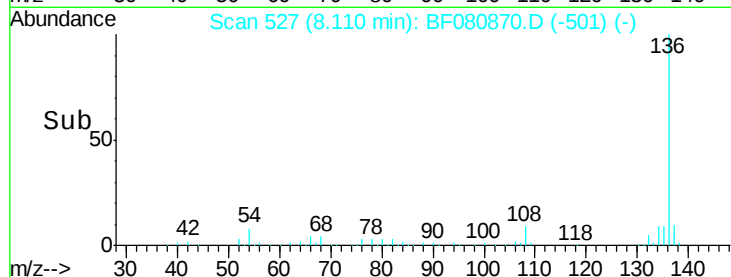
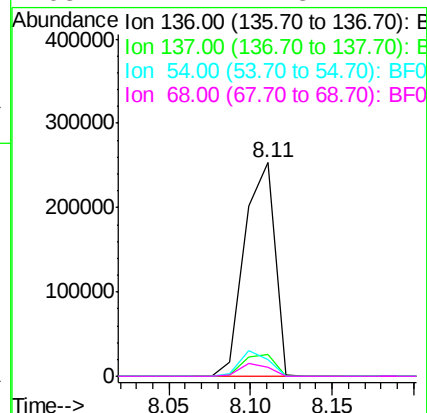
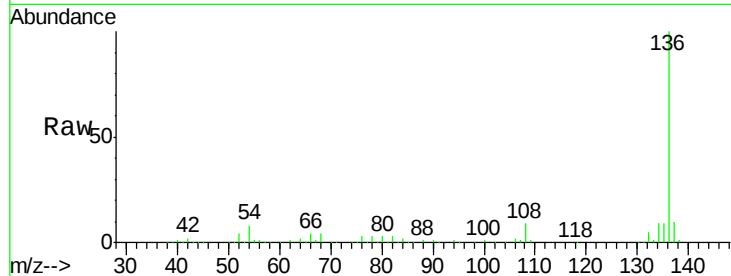




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF080870.D
Acq: 5 Aug 2015 8:37

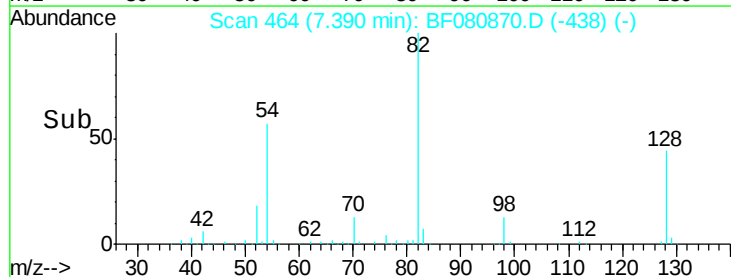
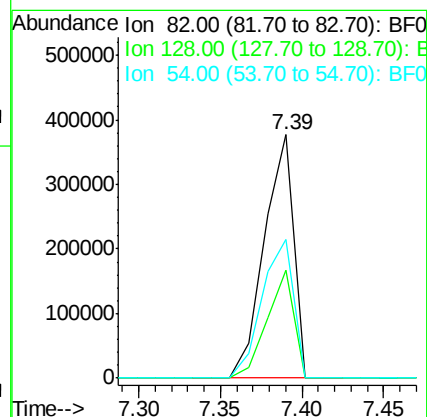
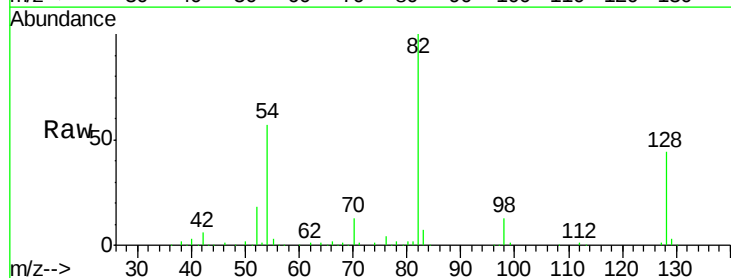
Instrument :
BNA_F
ClientSampleId :
MW-1

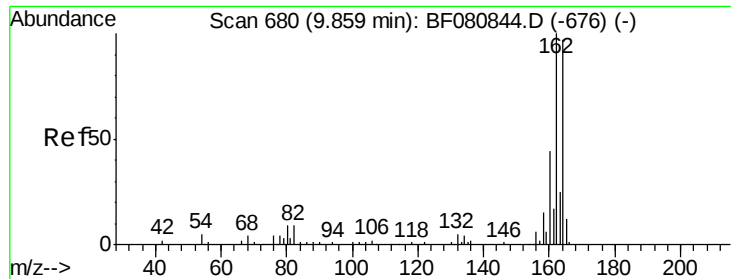
Tgt Ion:	136	Resp:	325059
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	7.7	8.3	12.5#
68	4.4	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 68.33 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF080870.D
Acq: 5 Aug 2015 8:37

Tgt Ion:	82	Resp:	471280
Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.0	46.4
54	56.7	51.0	76.6

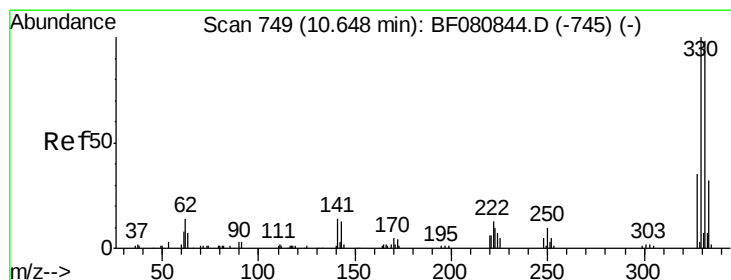
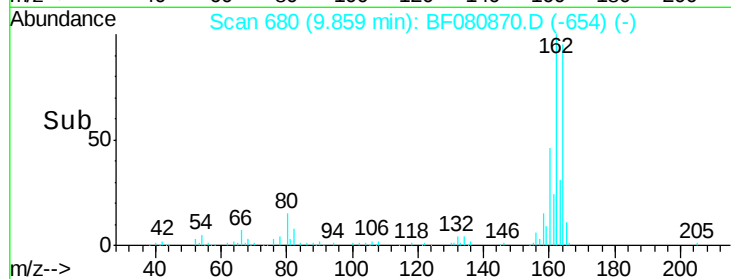
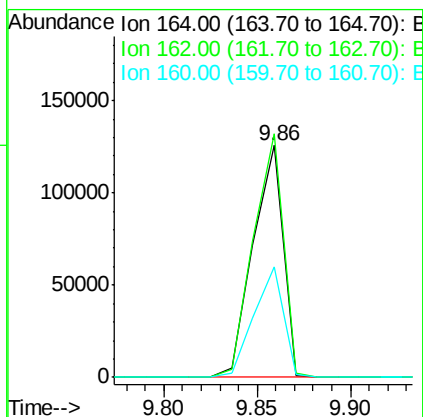
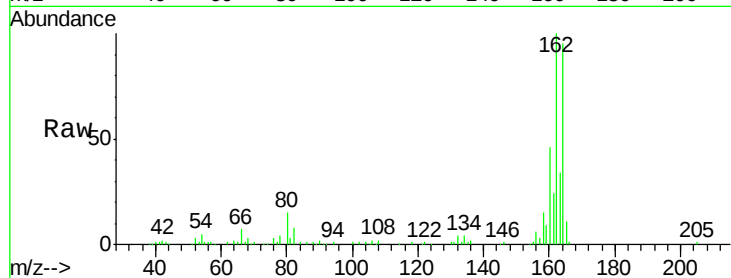




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

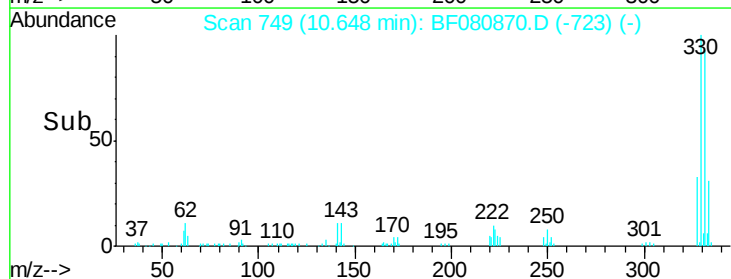
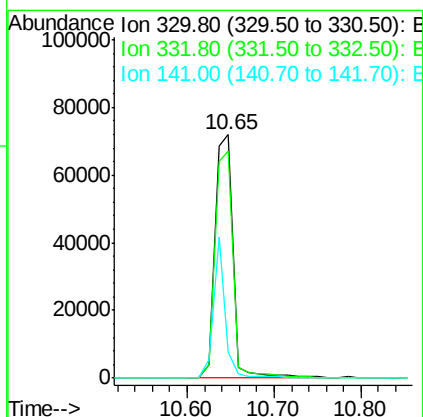
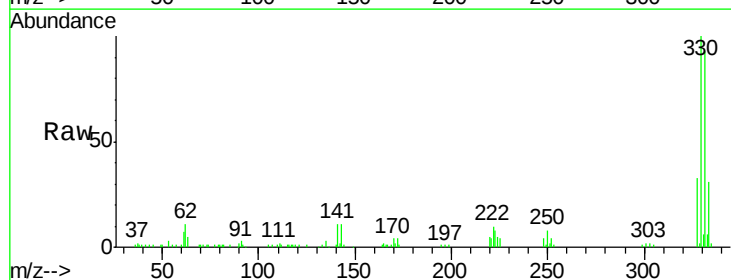
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

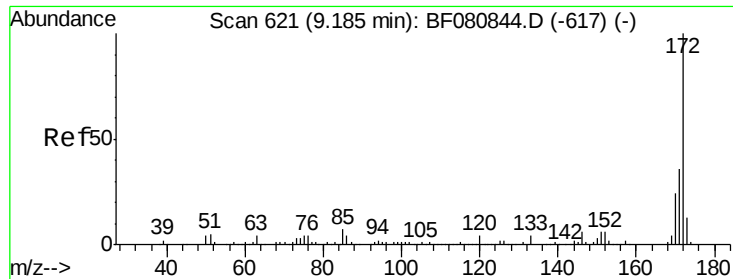
Tgt Ion:164 Resp: 139429
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.9 124.3
 160 47.9 36.6 54.8



#41
 2,4,6-Tribromophenol
 Concen: 78.90 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

Tgt Ion:330 Resp: 106082
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.8 116.8
 141 37.4 28.4 42.6

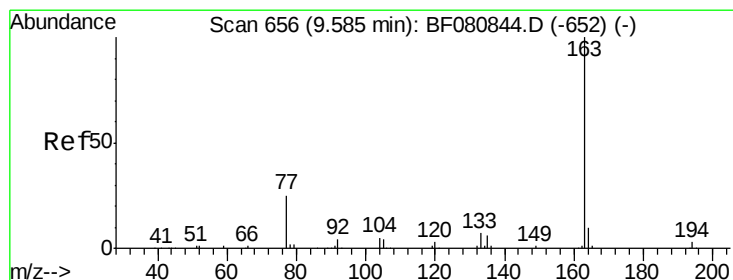
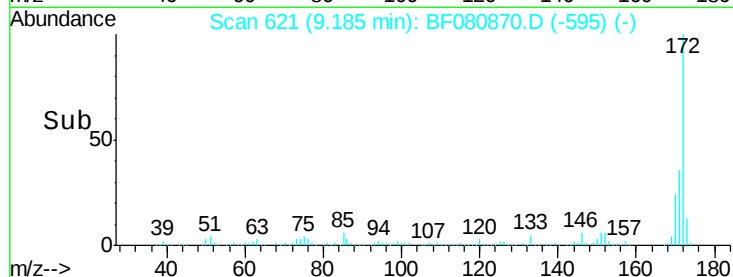
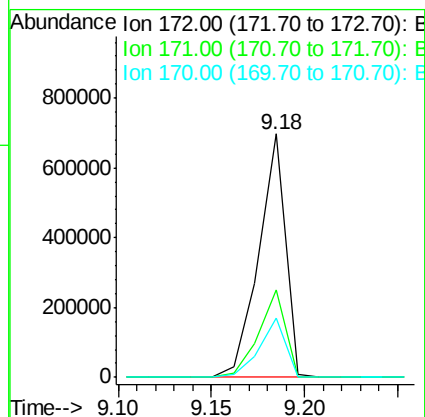
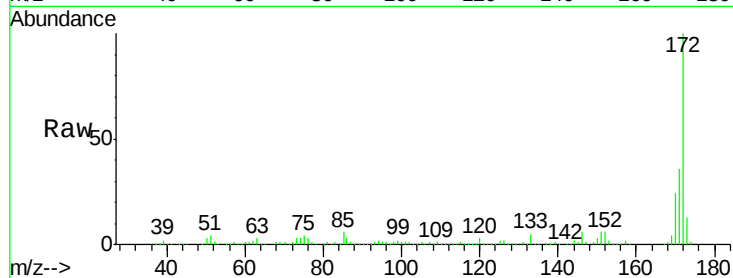




#44
 2-Fluorobiphenyl
 Concen: 66.80 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

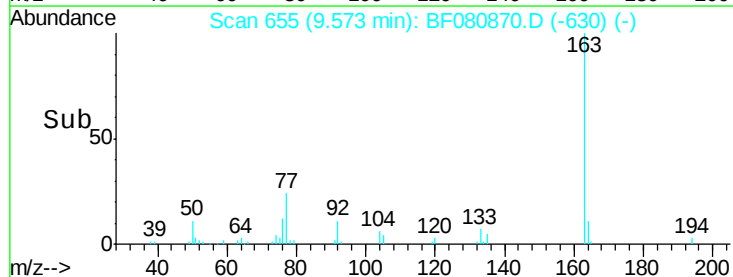
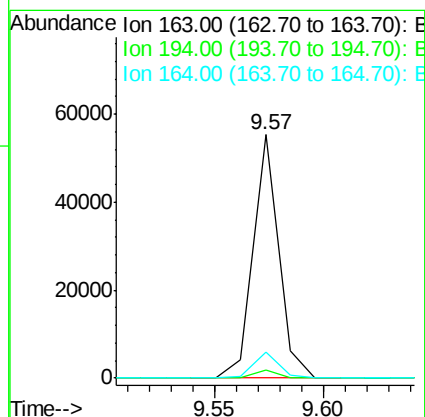
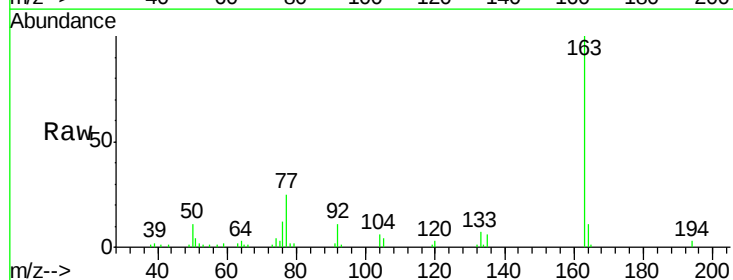
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

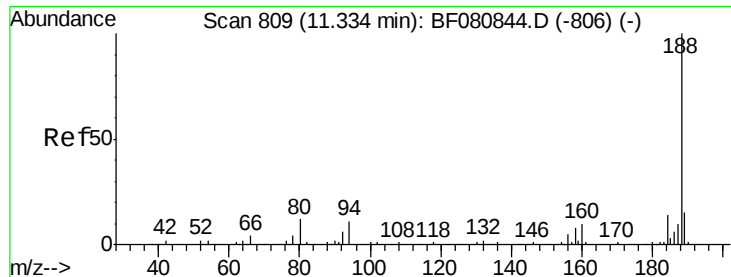
Tgt Ion:172 Resp: 691725
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.4 19.4 29.2



#49
 Dimethylphthalate
 Concen: 4.43 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

Tgt Ion:163 Resp: 45062
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.7 8.2 12.4

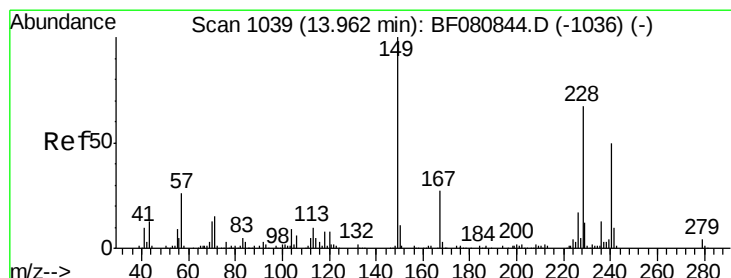
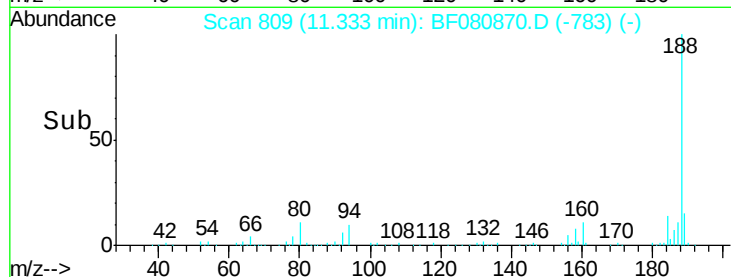
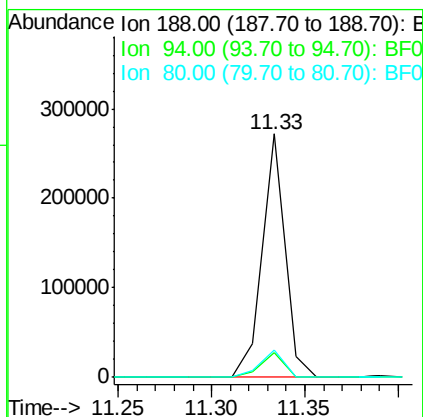
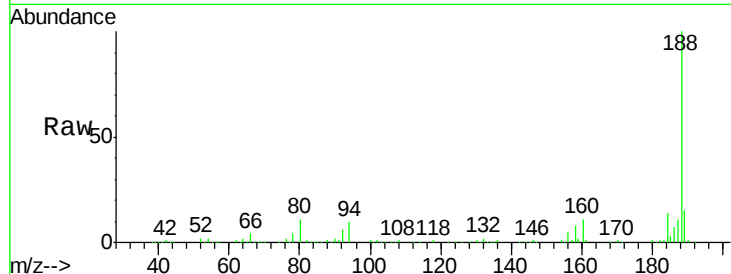




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080870.D
Acq: 5 Aug 2015 8:37

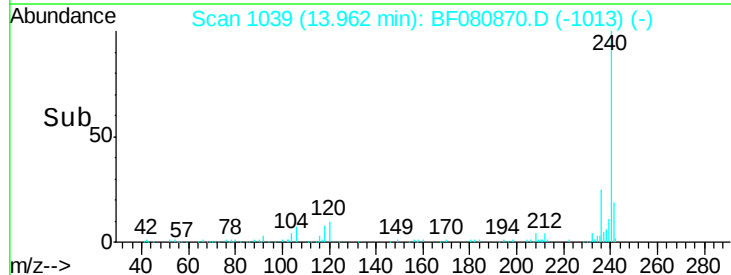
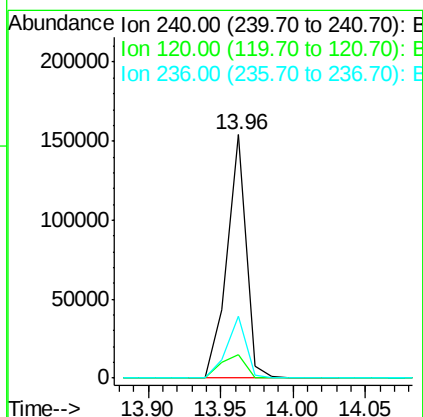
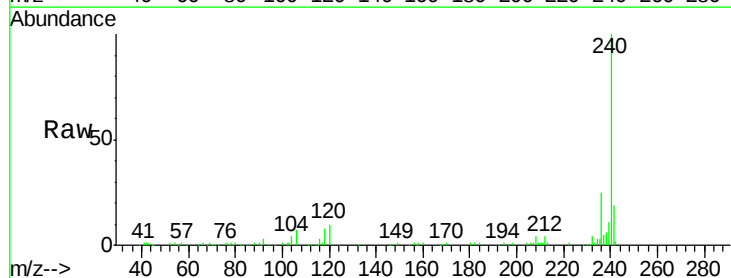
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BNA_F
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MW-1

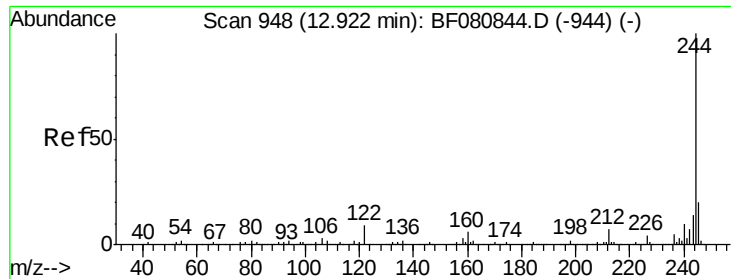
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	228883		
94	9.9		8.6	12.8
80	11.1		9.3	13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF080870.D
Acq: 5 Aug 2015 8:37

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	141400		
120	9.6		13.0	19.6#
236	25.4		20.7	31.1

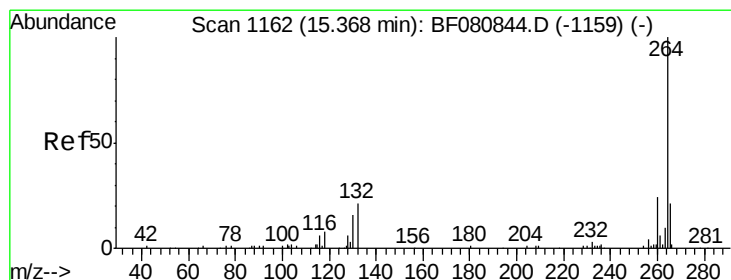
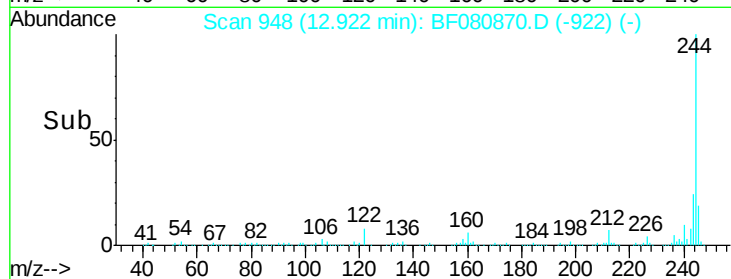
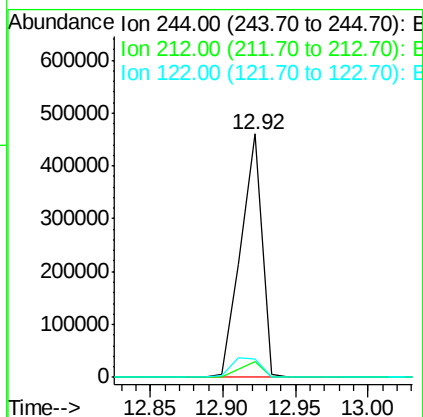
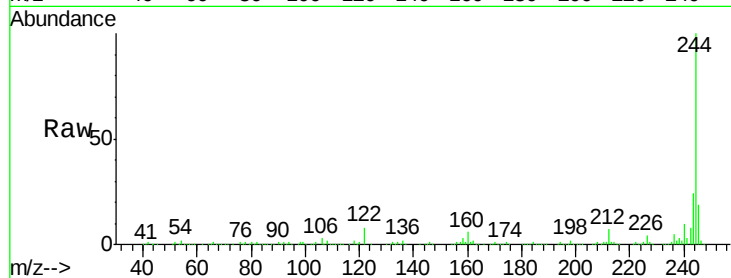




#78
 Terphenyl-d14
 Concen: 60.35 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	7.7	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	20.7	16.8	25.2

