

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087690.D
 Acq On : 5 Jun 2016 5:40
 Operator : UM/SJ
 Sample : H3344-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jun 05 06:40:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132659	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	543479	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	245285	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	477156	20.00	ng	0.00
75) Chrysene-d12	14.01	240	384841	20.00	ng	-0.01
86) Perylene-d12	15.44	264	284181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	527335	64.25	ng	0.00
7) Phenol-d6	6.48	99	463676	45.05	ng	-0.01
23) Nitrobenzene-d5	7.43	82	920722	98.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	350502	142.35	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1476728	96.77	ng	-0.01
78) Terphenyl-d14	12.97	244	1123711	71.25	ng	0.00

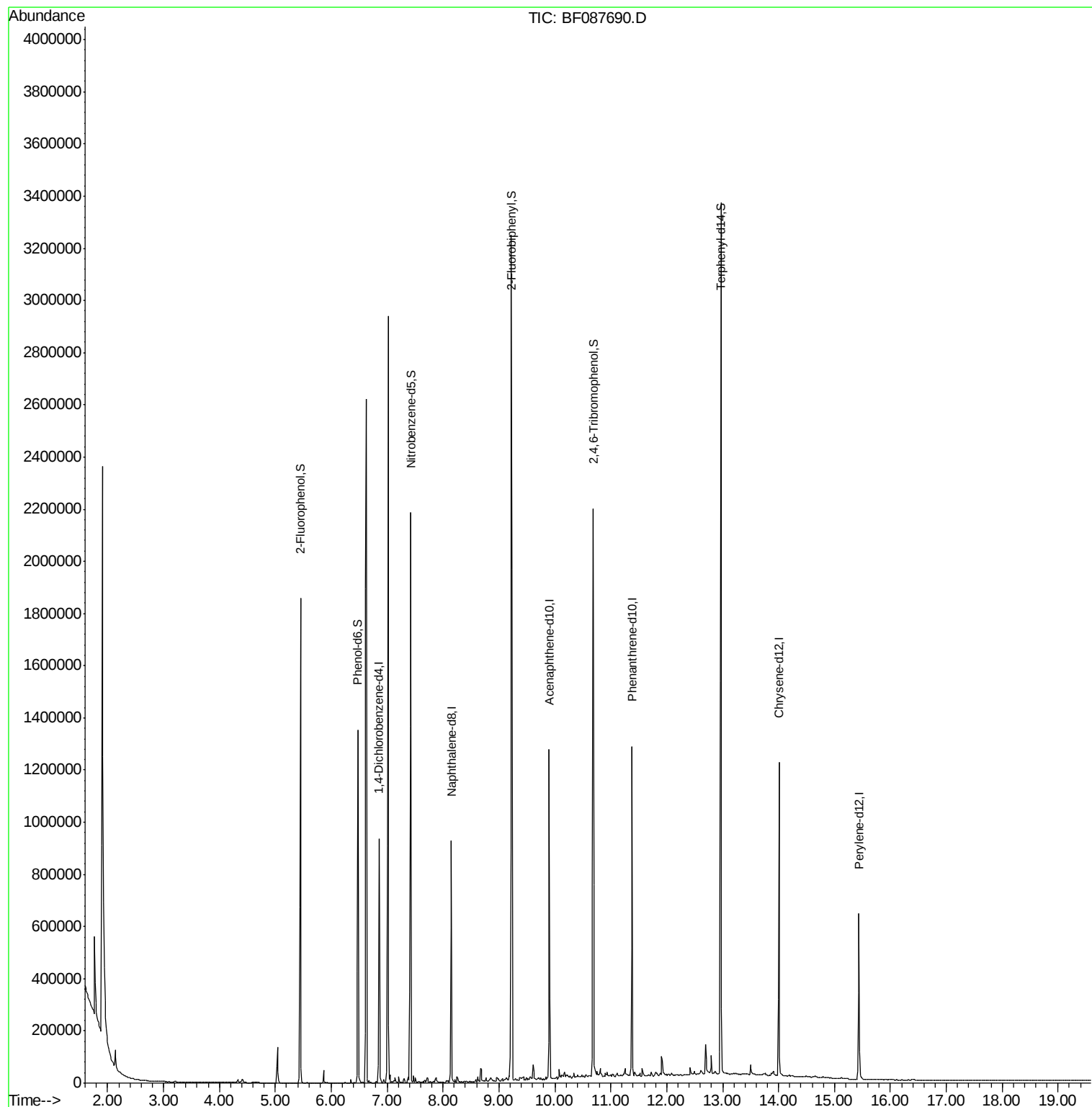
Target Compounds Qvalue

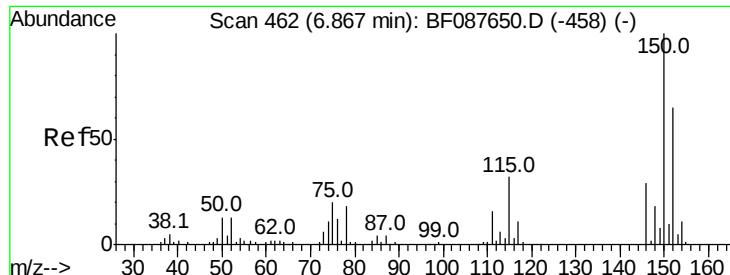
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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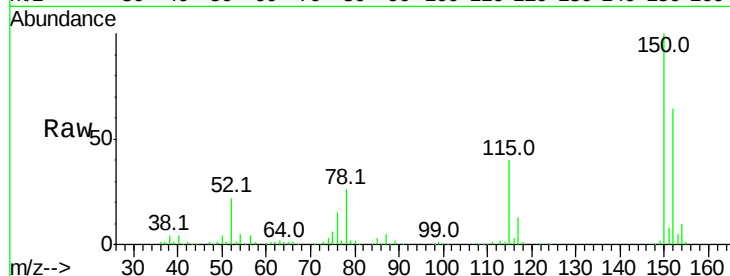


#1

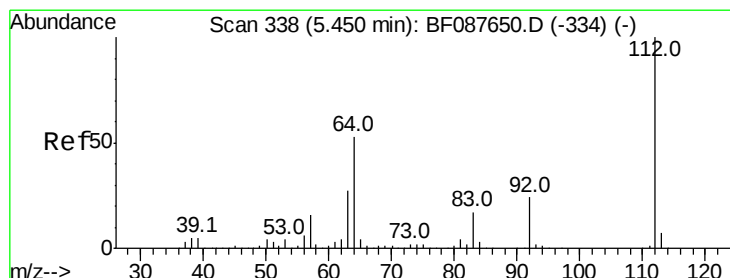
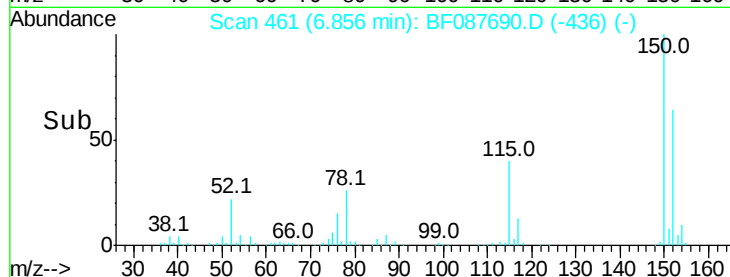
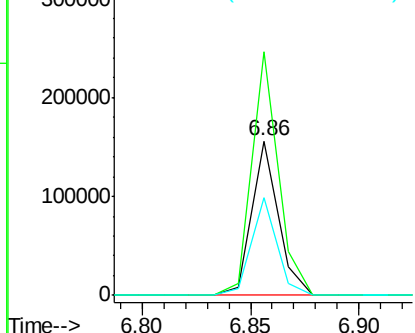
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087690.D
Acq: 5 Jun 2016 5:40

Instrument :
BNA_F
ClientSampleId :
MW-13

Tot Ion:152 Resp: 132659
Ion Ratio Lower Upper
152 100
150 157.5 123.8 185.6
115 63.2 39.6 59.4#



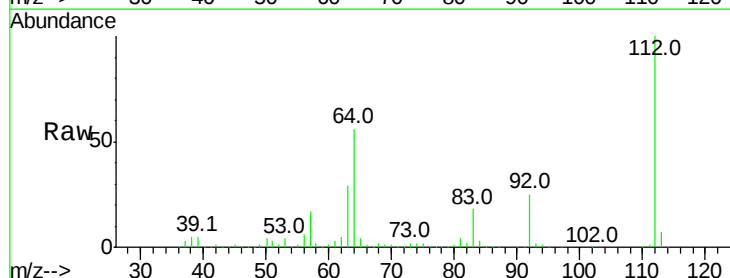
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



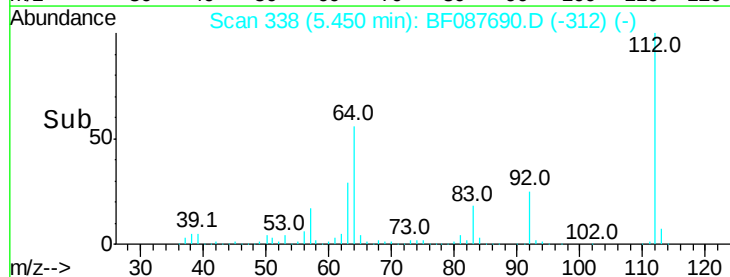
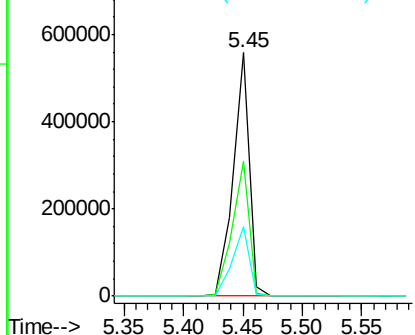
#5

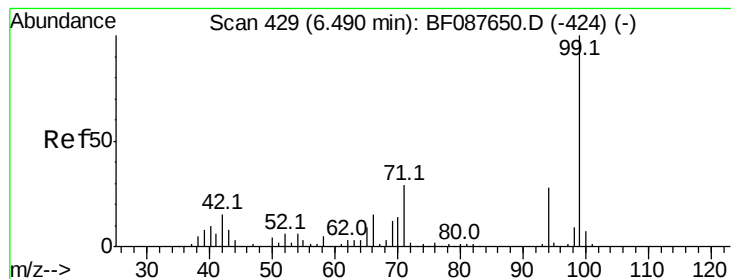
2-Fluorophenol
Concen: 64.25 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF087690.D
Acq: 5 Jun 2016 5:40

Tgt Ion:112 Resp: 527335
Ion Ratio Lower Upper
112 100
64 55.5 42.2 63.2
63 28.8 21.8 32.8



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: 45.05 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087690.D

Acq: 5 Jun 2016 5:40

Instrument :

BNA_F

ClientSampleId :

MW-13

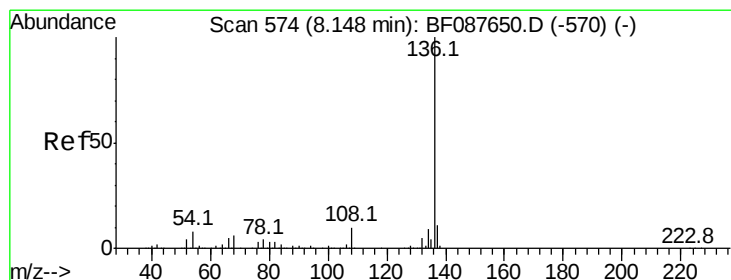
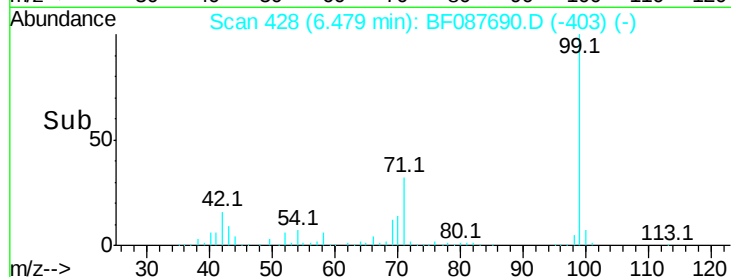
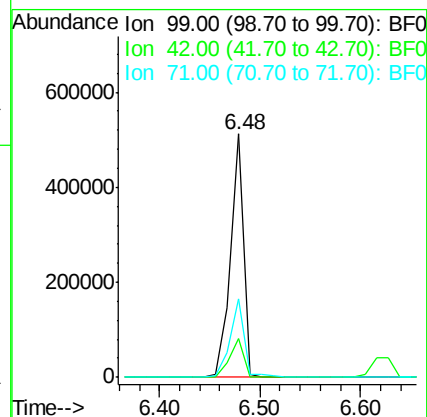
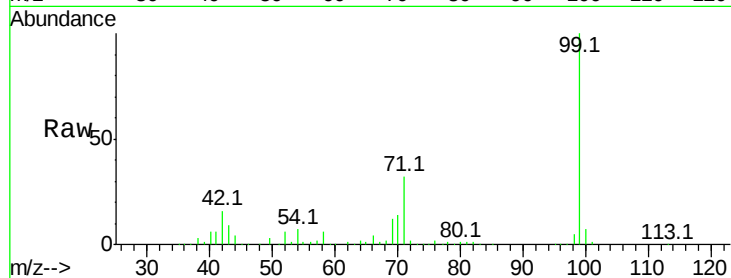
Tot Ion: 99 Resp: 463676

Ion Ratio Lower Upper

99 100

42 16.2 12.2 18.2

71 32.2 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087690.D

Acq: 5 Jun 2016 5:40

Tgt Ion: 136 Resp: 543479

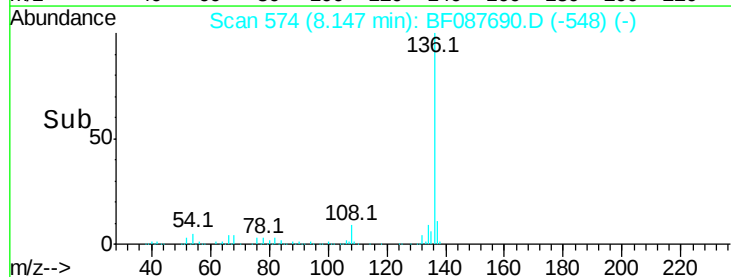
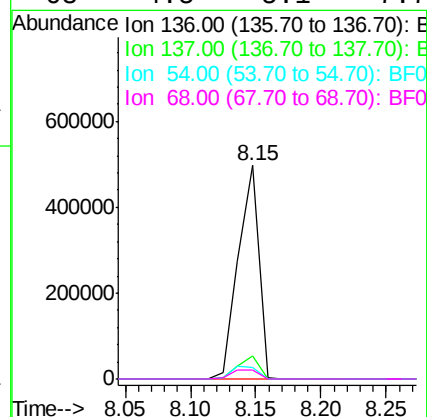
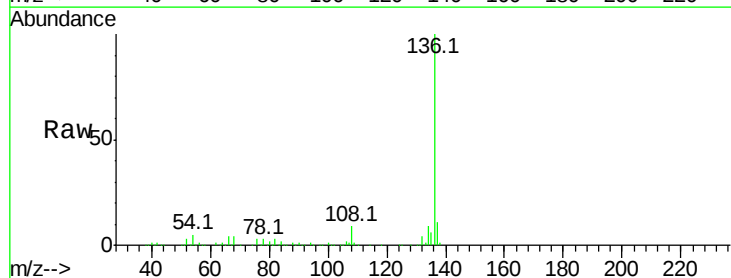
Ion Ratio Lower Upper

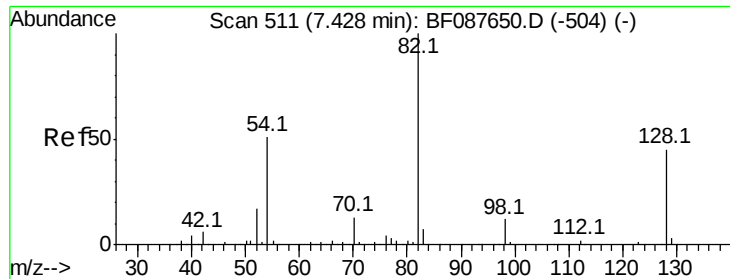
136 100

137 10.7 9.1 13.7

54 5.4 6.6 10.0#

68 4.5 5.1 7.7#

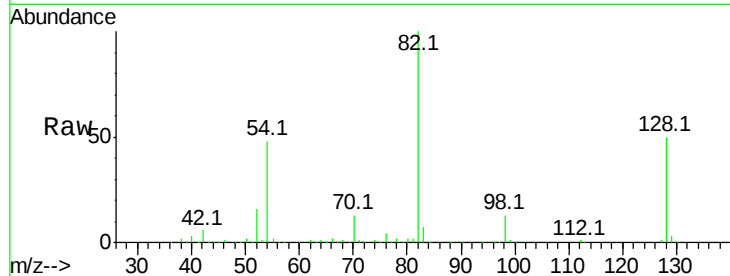




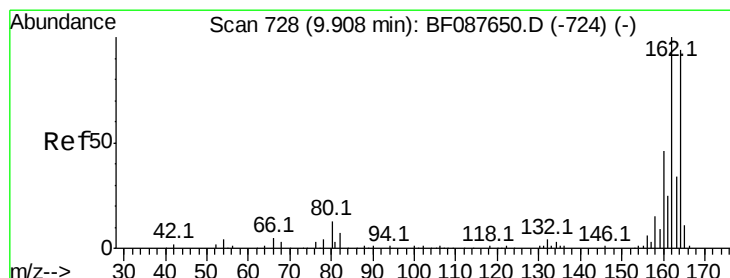
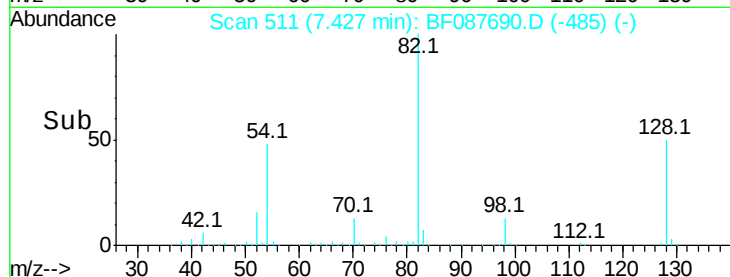
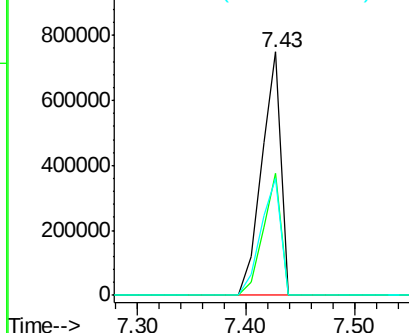
#23
Nitrobenzene-d5
Concen: 98.02 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087690.D
Acq: 5 Jun 2016 5:40

Instrument :
BNA_F
ClientSampled :
MW-13

Tot Ion: 82 Resp: 920722
Ion Ratio Lower Upper
82 100
128 50.3 35.9 53.9
54 48.1 40.9 61.3

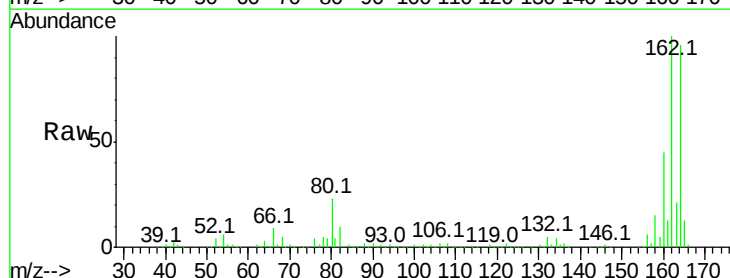


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

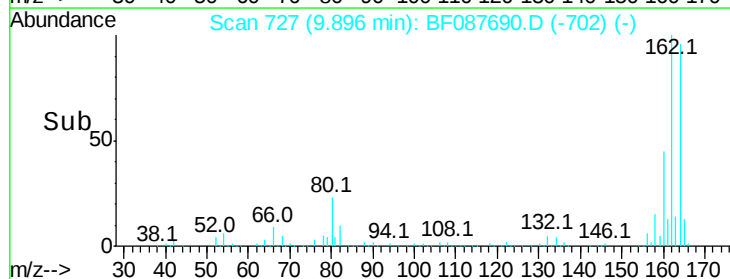
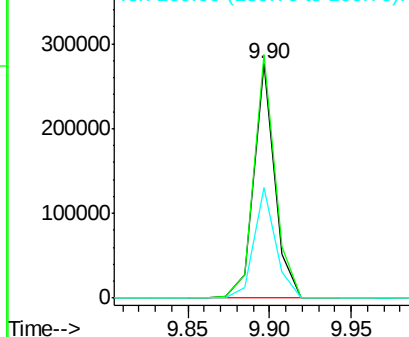


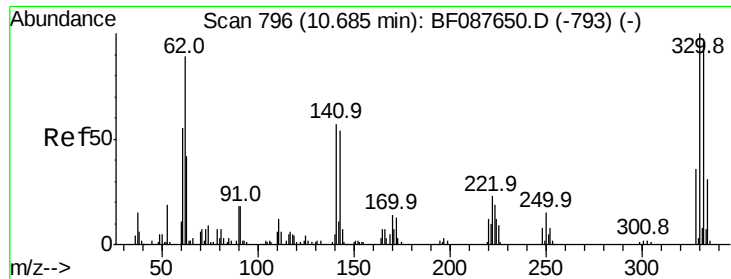
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087690.D
Acq: 5 Jun 2016 5:40

Tgt Ion: 164 Resp: 245285
Ion Ratio Lower Upper
164 100
162 103.8 85.4 128.2
160 47.1 39.5 59.3



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

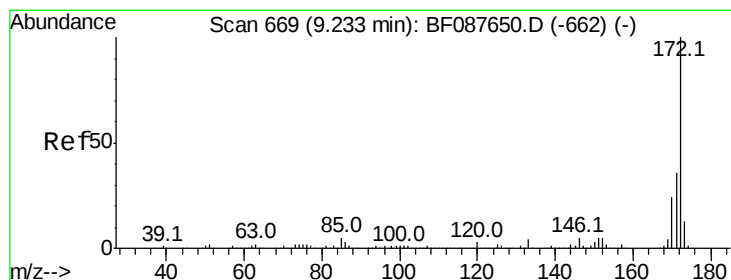
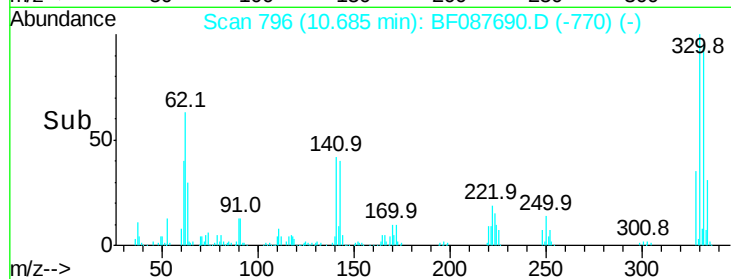
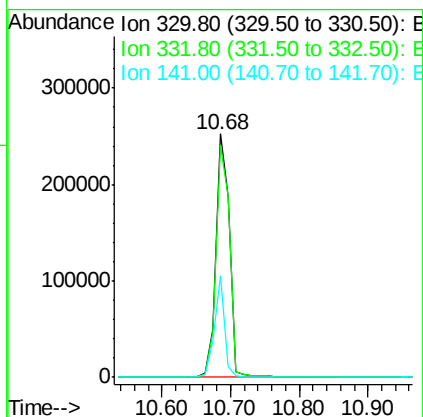
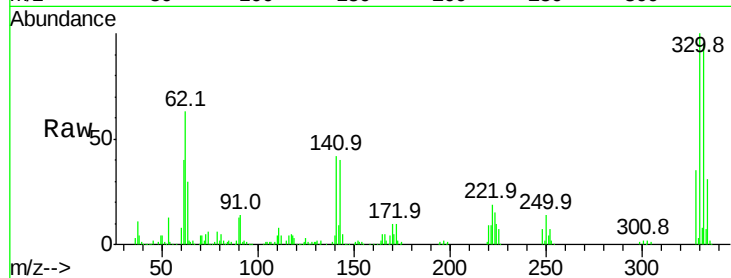




#41
 2,4,6-Tribromophenol
 Concen: 142.35 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087690.D
 Acq: 5 Jun 2016 5:40

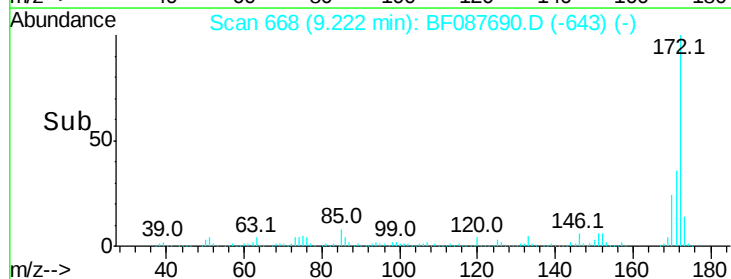
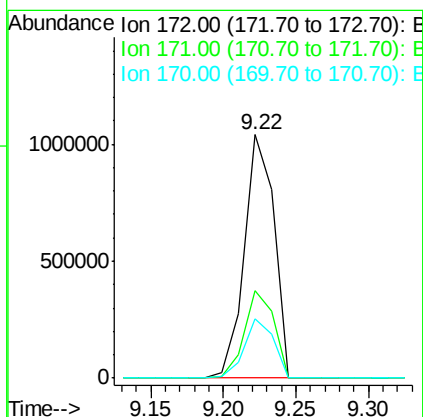
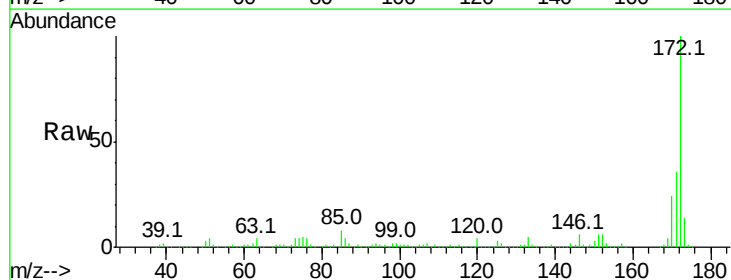
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

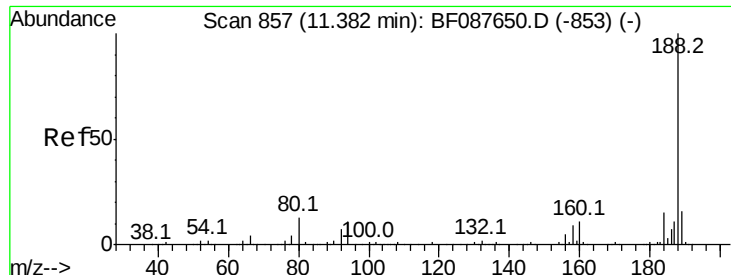
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	32.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 96.77 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087690.D
 Acq: 5 Jun 2016 5:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	19.2	28.8

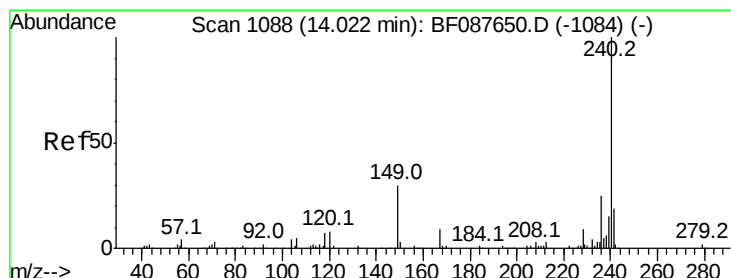
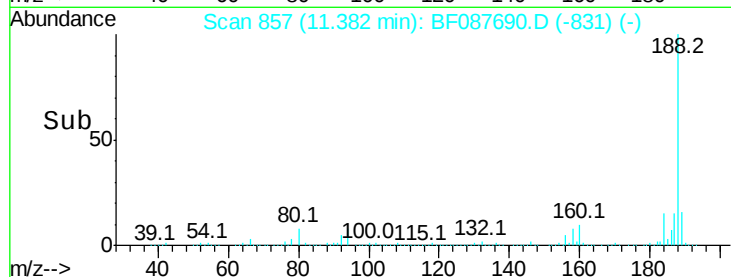
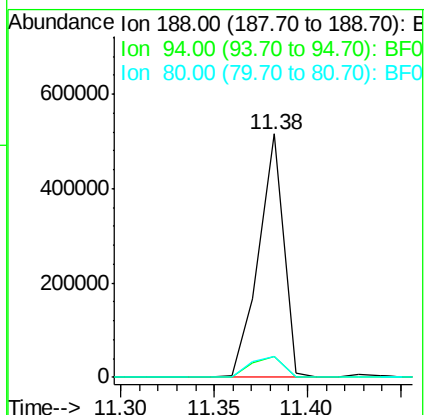
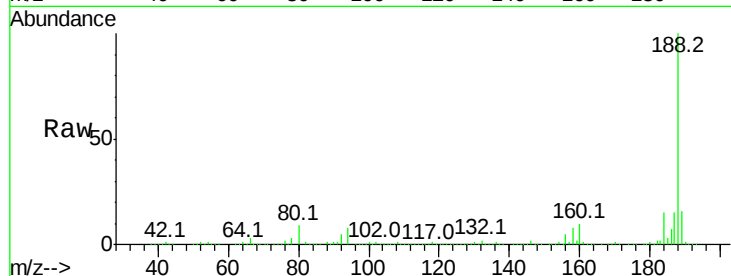




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087690.D
Acq: 5 Jun 2016 5:40

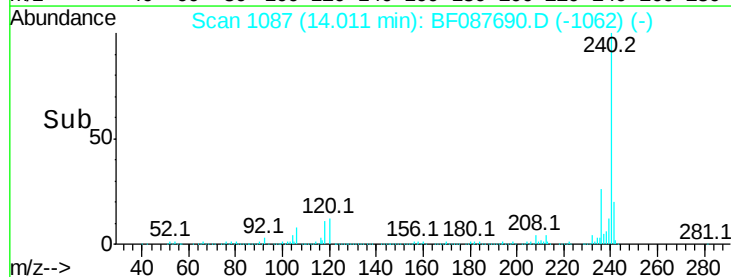
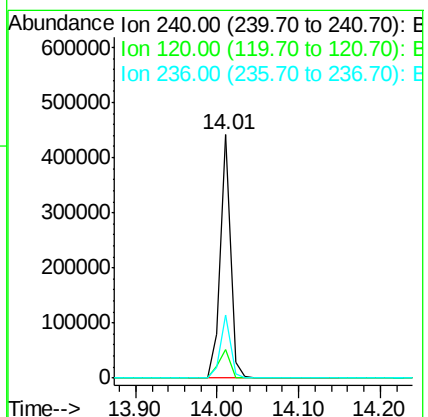
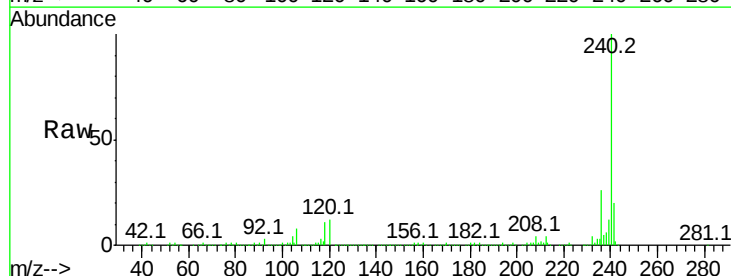
Instrument :
BNA_F
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MW-13

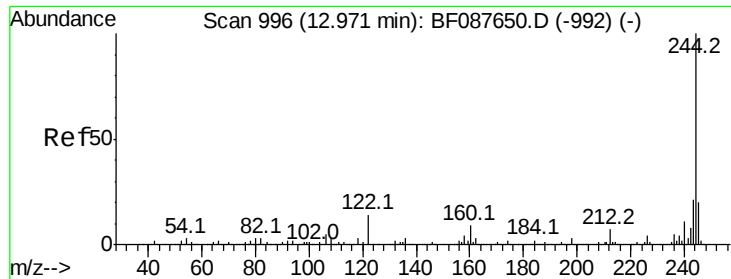
Tot Ion:188 Resp: 477156
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.6#
80 8.5 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087690.D
Acq: 5 Jun 2016 5:40

Tgt Ion:240 Resp: 384841
Ion Ratio Lower Upper
240 100
120 11.9 6.8 10.2#
236 26.0 20.2 30.2

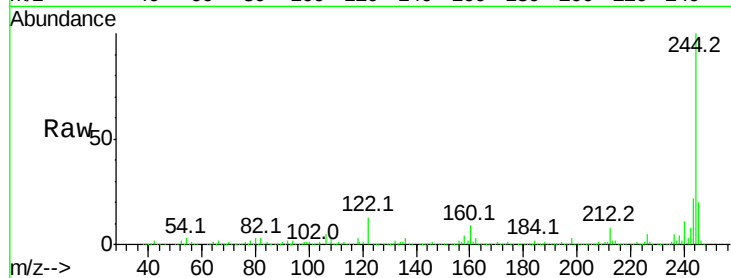




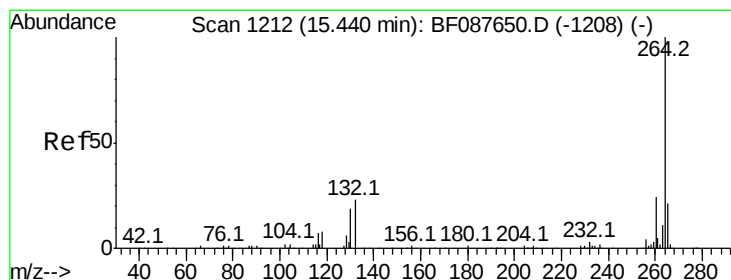
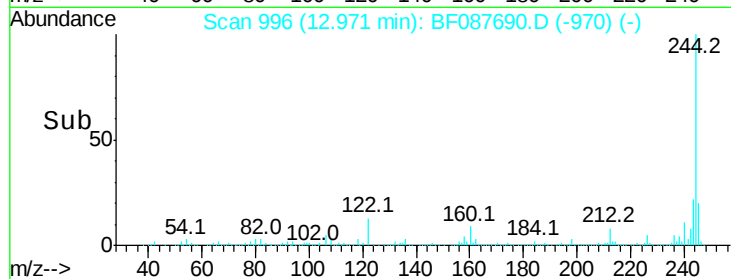
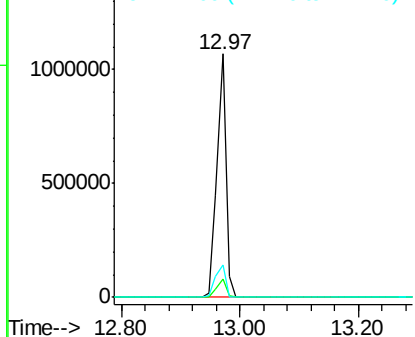
#78
 Terphenyl-d14
 Concen: 71.25 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087690.D
 Acq: 5 Jun 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tot Ion:244 Resp: 1123711
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.4 11.2 16.8

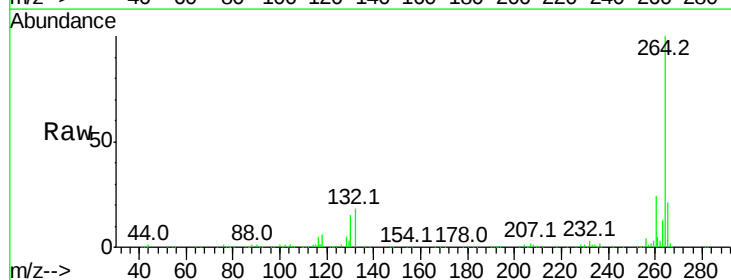


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087690.D
 Acq: 5 Jun 2016 5:40

Tgt Ion:264 Resp: 284181
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.9 16.9 25.3



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

