

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087048.D
 Acq On : 15 May 2016 4:53
 Operator : UM/SJ
 Sample : H3052-03
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: May 16 06:43:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

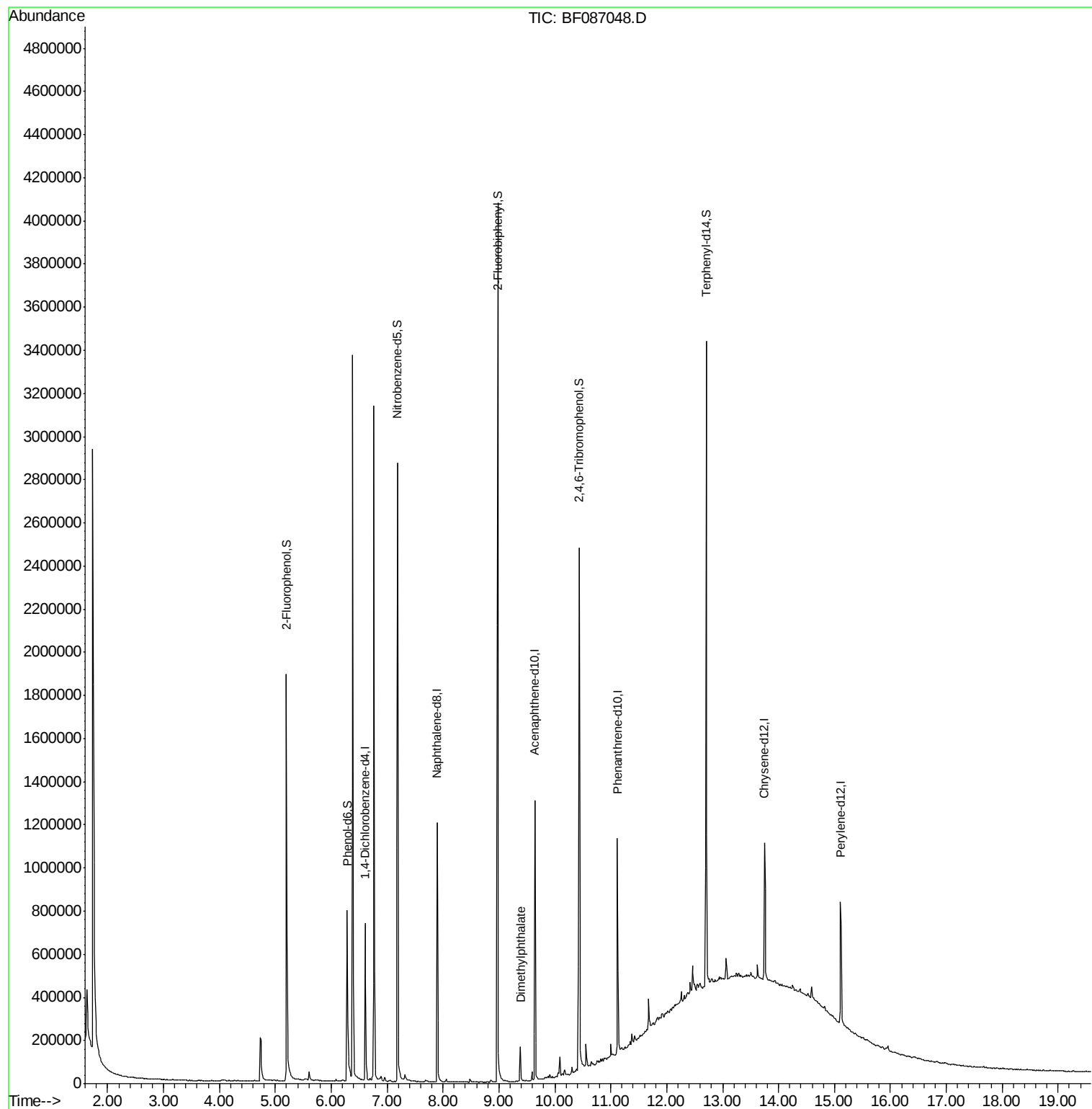
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	125859	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	514316	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	237693	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	392098	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	282566	20.00	ng	-0.01
86) Perylene-d12	15.11	264	304650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	520720	70.07	ng	0.00
7) Phenol-d6	6.28	99	424444	42.73	ng	0.00
23) Nitrobenzene-d5	7.19	82	942259	91.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	288306	114.57	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1437132	101.62	ng	0.00
78) Terphenyl-d14	12.71	244	944836	70.95	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.38	163	63014	3.47	ng	Qvalue 99

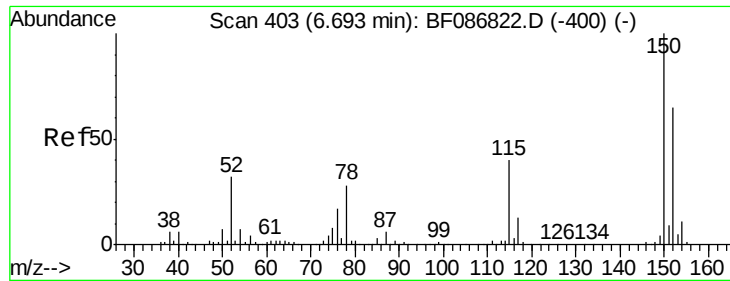
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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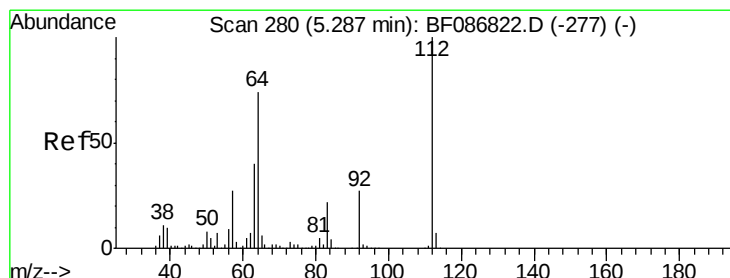
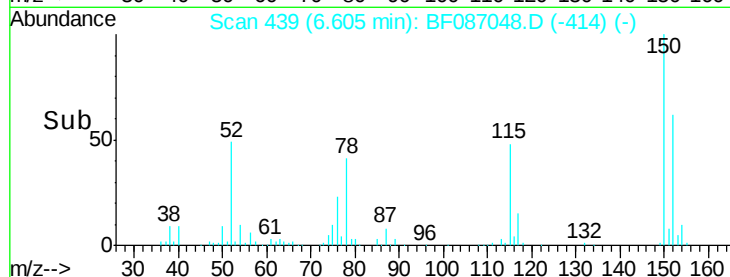
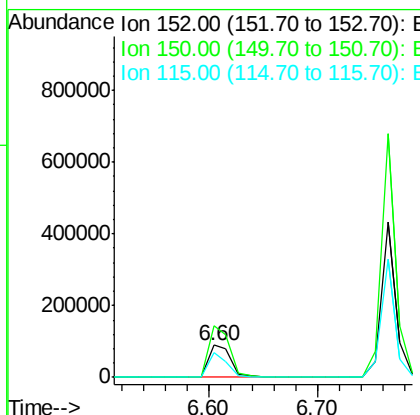
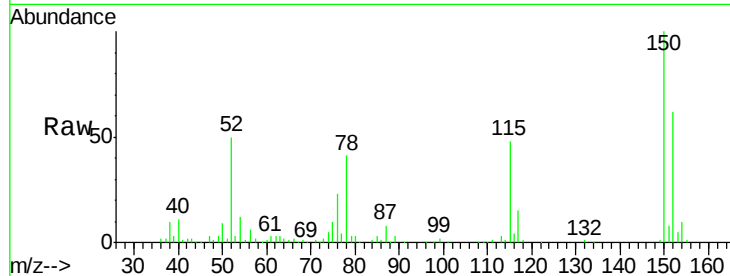




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF087048.D
 Acq: 15 May 2016 4:53

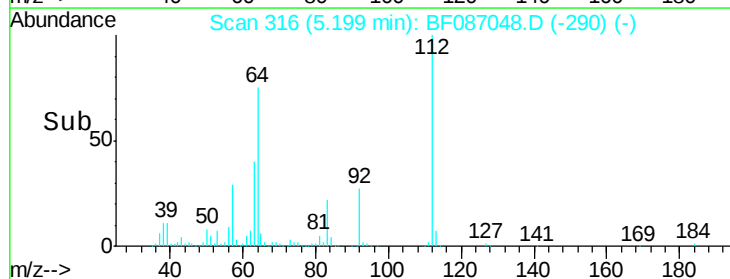
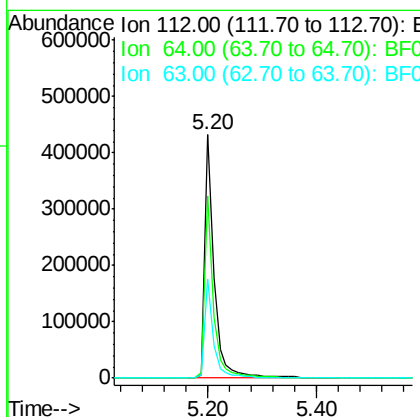
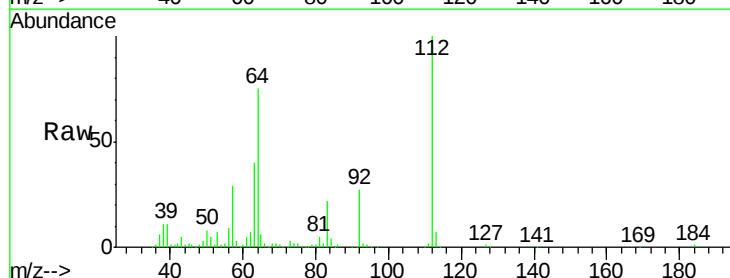
Instrument :
 BNA_F
 ClientSampled :
 MW-23

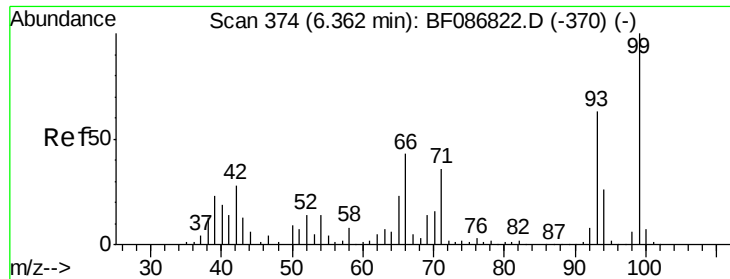
Tgt Ion:152 Resp: 125859
 Ion Ratio Lower Upper
 152 100
 150 160.4 125.8 188.6
 115 77.2 51.5 77.3



#5
 2-Fluorophenol
 Concen: 70.07 ng
 RT: 5.20 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: BF087048.D
 Acq: 15 May 2016 4:53

Tgt Ion:112 Resp: 520720
 Ion Ratio Lower Upper
 112 100
 64 75.0 52.1 78.1
 63 40.4 25.7 38.5#





#7

Phenol-d6

Concen: 42.73 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

Instrument :

BNA_F

ClientSampleId :

MW-23

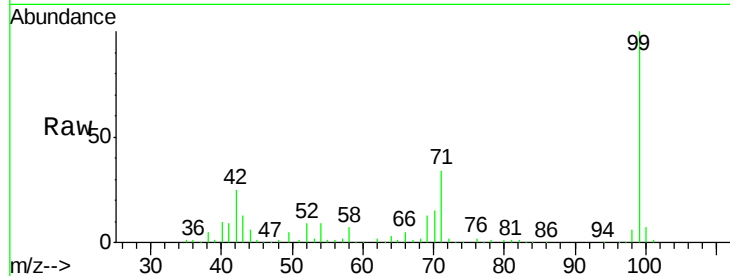
Tgt Ion: 99 Resp: 424444

Ion Ratio Lower Upper

99 100

42 25.4 13.6 20.4#

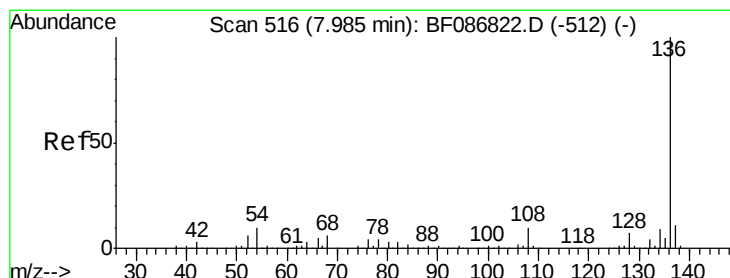
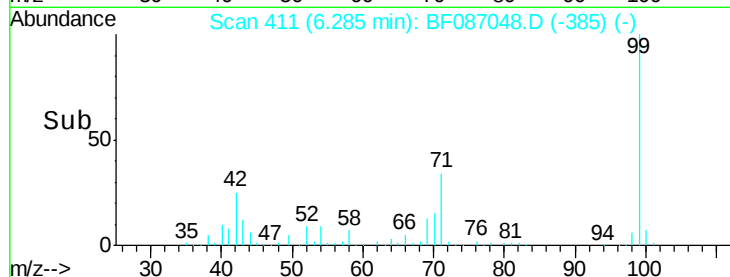
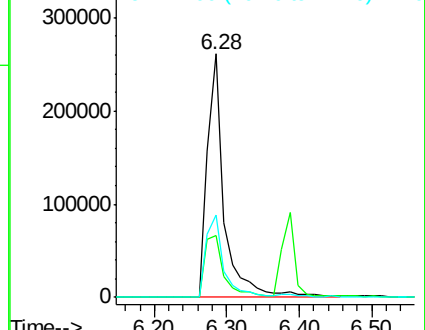
71 33.6 24.6 36.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

Tgt Ion: 136 Resp: 514316

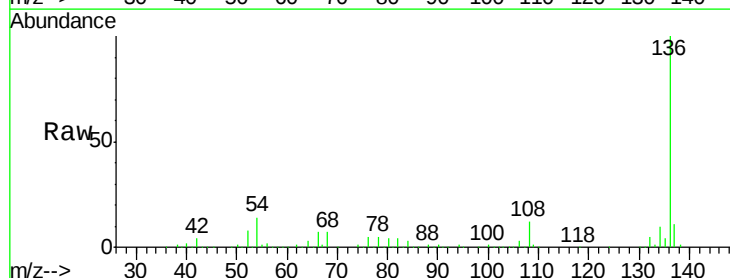
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 13.6 5.0 7.4#

68 6.7 4.4 6.6#

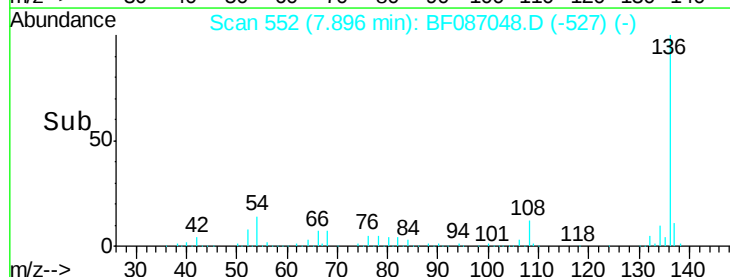
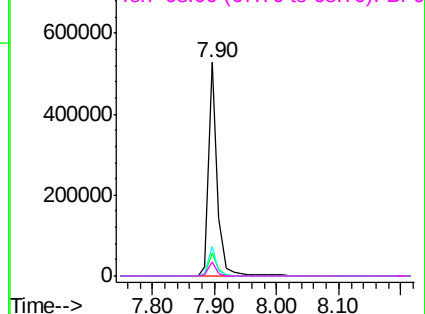


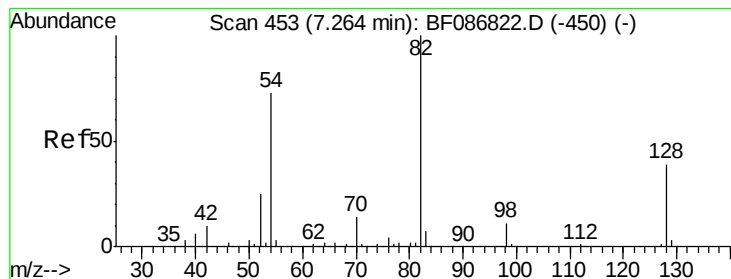
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.99 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

Instrument :

BNA_F

ClientSampleId :

MW-23

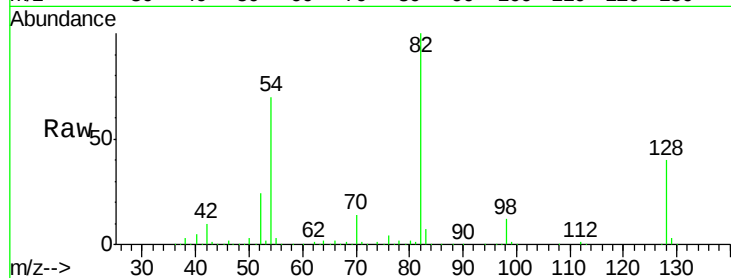
Tgt Ion: 82 Resp: 942259

Ion Ratio Lower Upper

82 100

128 39.5 40.6 61.0#

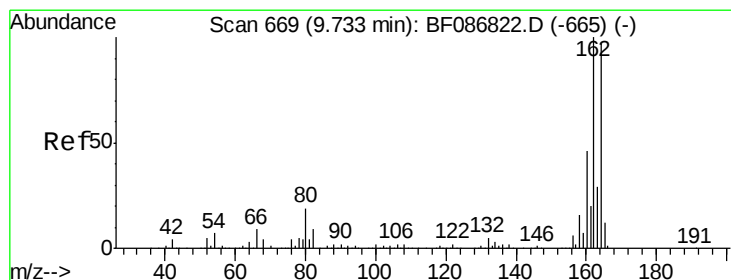
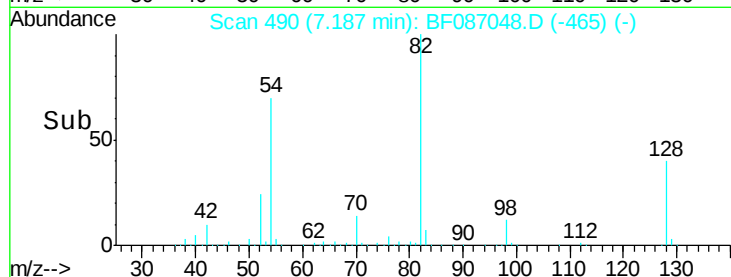
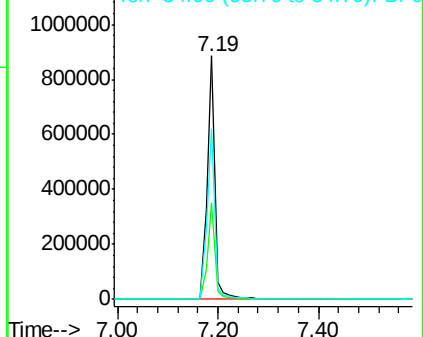
54 70.2 38.1 57.1#



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: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

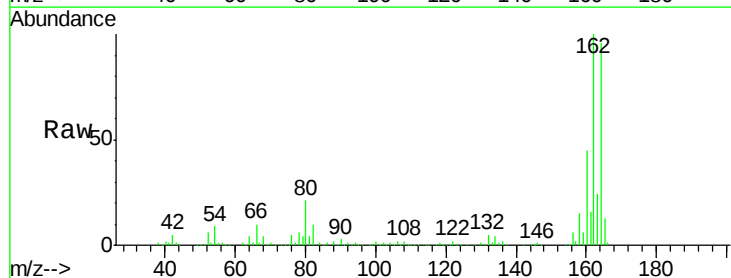
Tgt Ion: 164 Resp: 237693

Ion Ratio Lower Upper

164 100

162 104.6 82.8 124.2

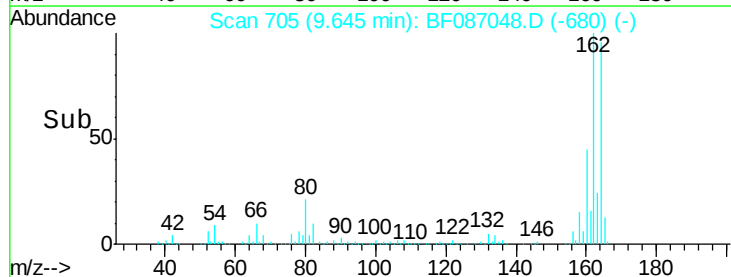
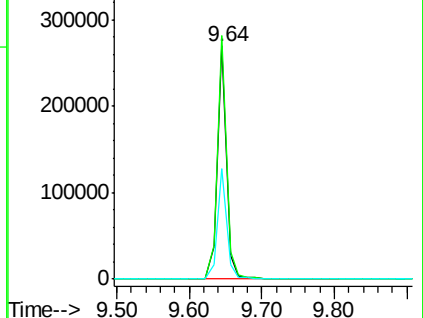
160 47.3 36.9 55.3

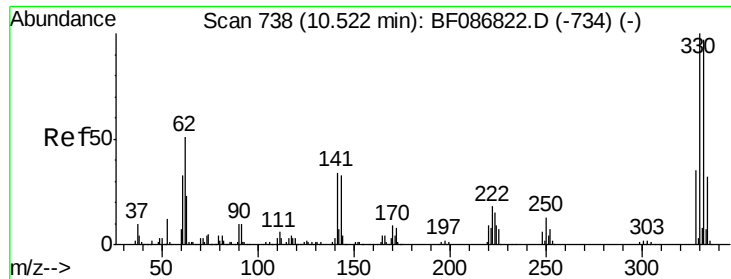


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

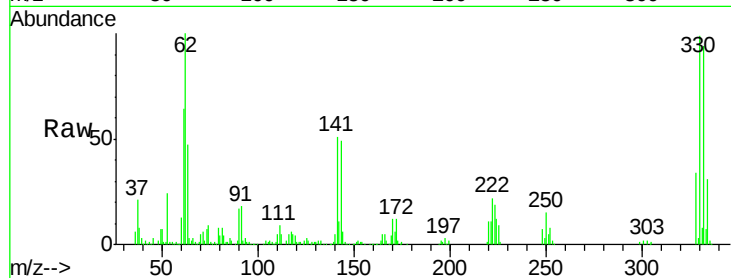




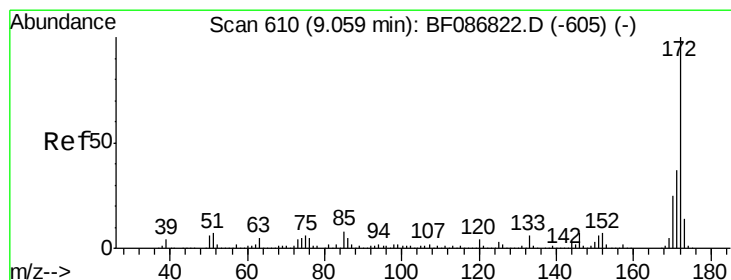
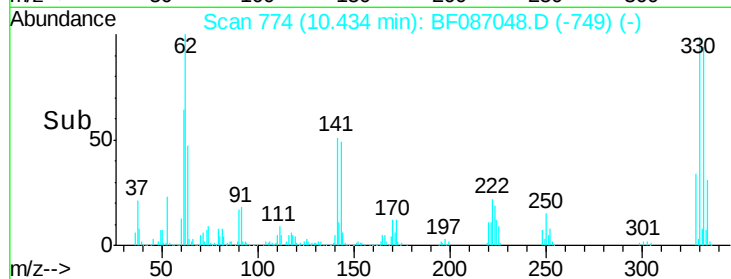
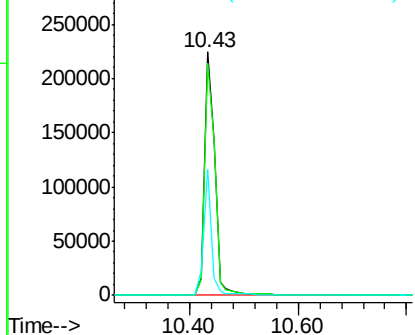
#41
 2,4,6-Tribromophenol
 Concen: 114.57 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087048.D
 Acq: 15 May 2016 4:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	40.4	31.2	46.8

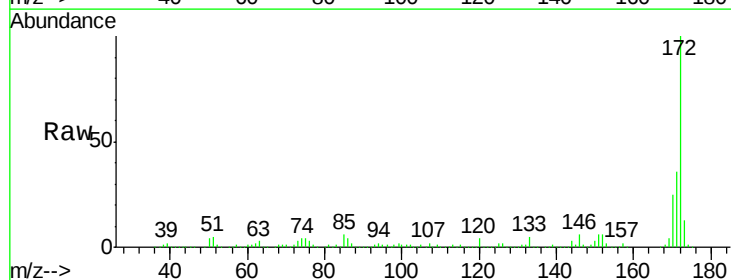


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

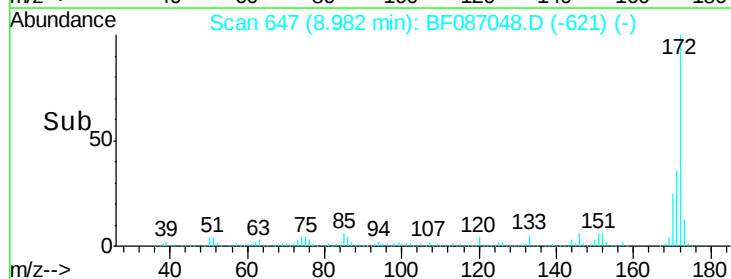
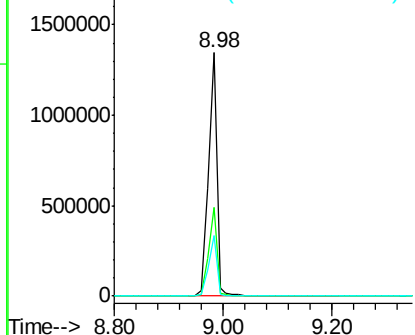


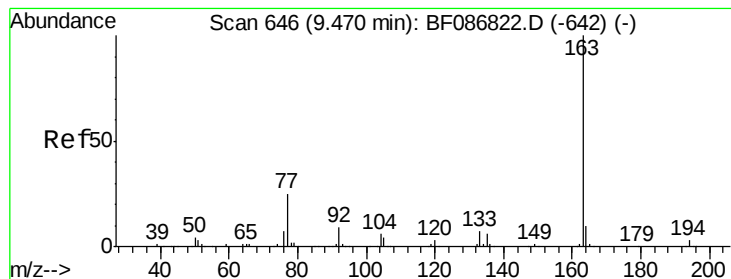
#44
 2-Fluorobiphenyl
 Concen: 101.62 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087048.D
 Acq: 15 May 2016 4:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.9	19.8	29.8



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: 3.47 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

Instrument :

BNA_F

ClientSampleId :

MW-23

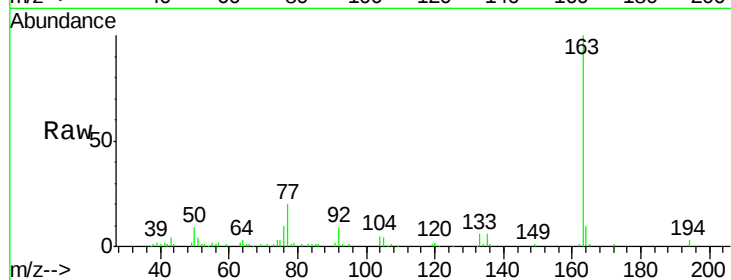
Tgt Ion:163 Resp: 63014

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

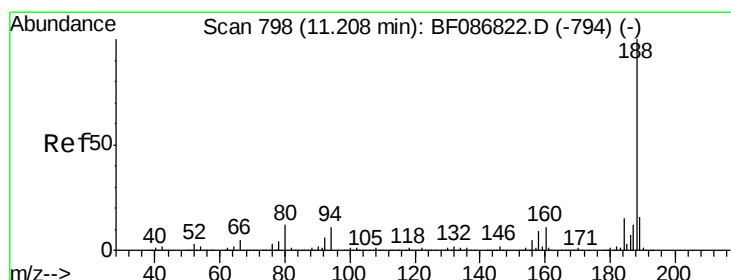
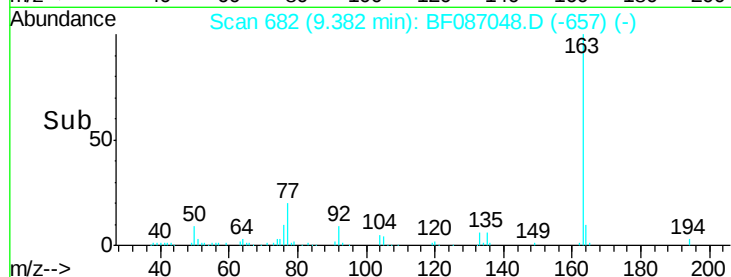
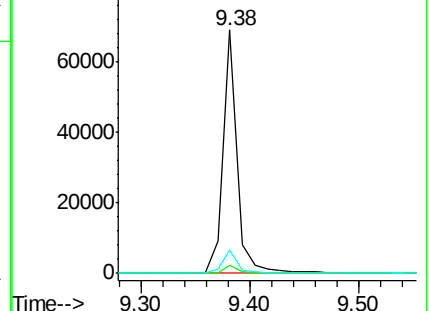
164 9.6 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

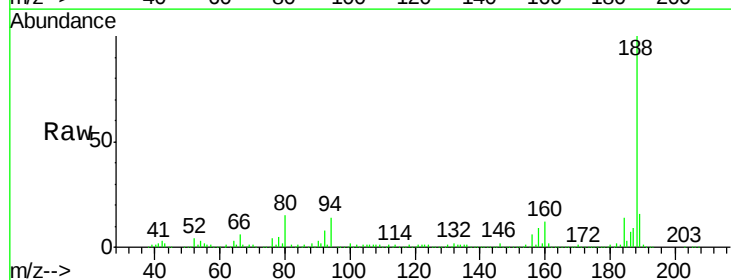
Tgt Ion:188 Resp: 392098

Ion Ratio Lower Upper

188 100

94 13.5 6.8 10.2#

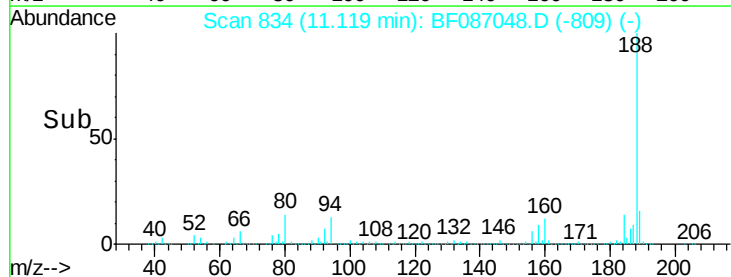
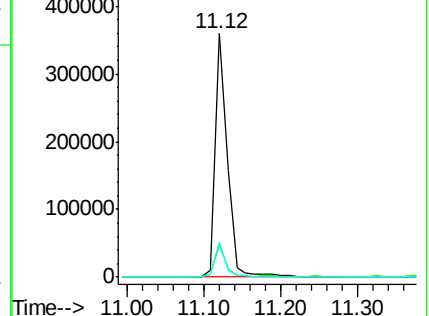
80 14.6 7.1 10.7#

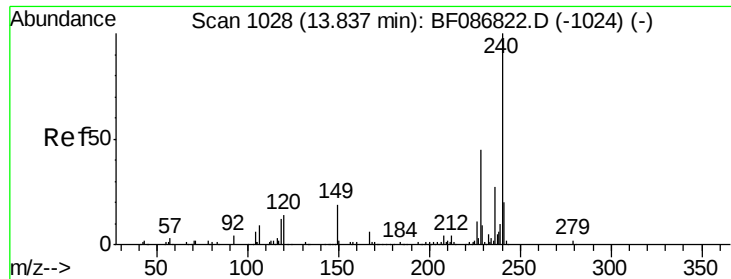


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

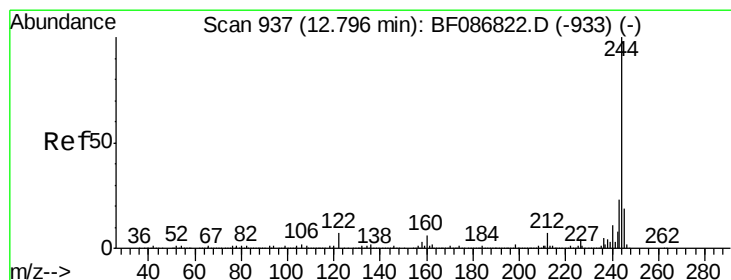
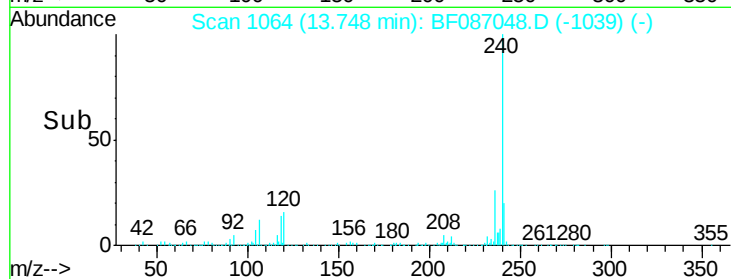
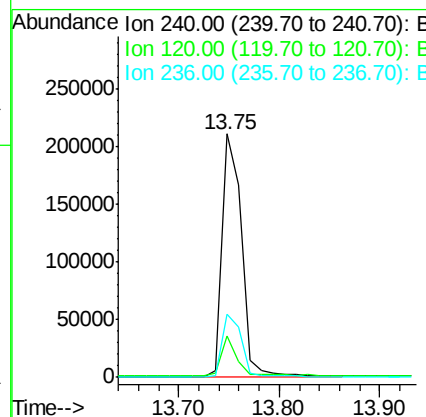
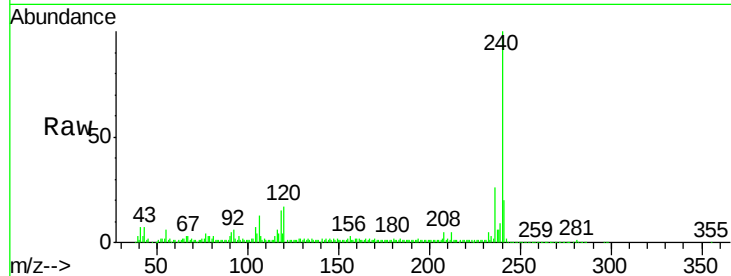




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087048.D
Acq: 15 May 2016 4:53

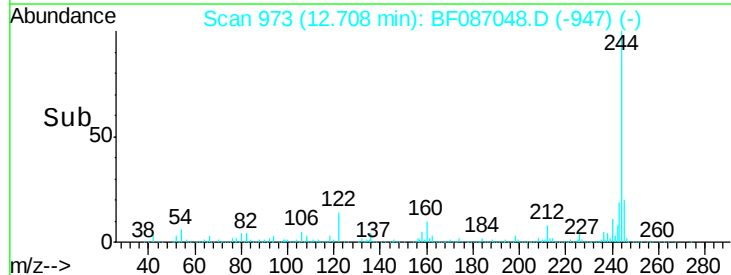
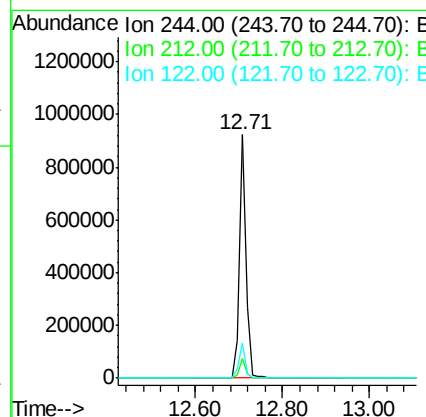
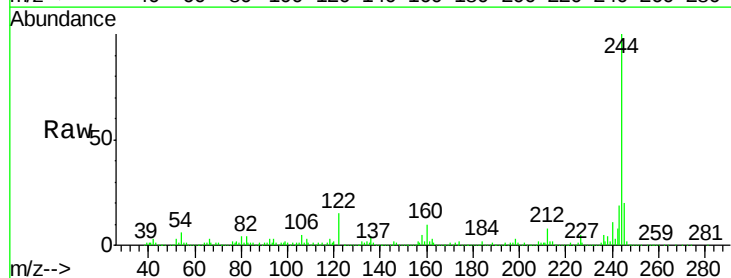
Instrument :
BNA_F
ClientSampled :
MW-23

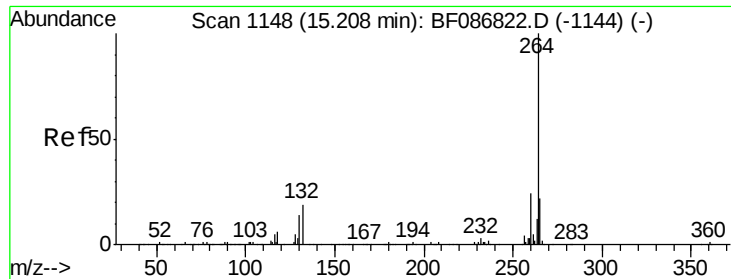
Tgt Ion:240 Resp: 282566
Ion Ratio Lower Upper
240 100
120 17.0 11.2 16.8#
236 26.0 21.2 31.8



#78
Terphenyl-d14
Concen: 70.95 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF087048.D
Acq: 15 May 2016 4:53

Tgt Ion:244 Resp: 944836
Ion Ratio Lower Upper
244 100
212 8.3 6.2 9.2
122 14.6 12.0 18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087048.D
Acq: 15 May 2016 4:53

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion: 264 Resp: 304650
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.1 17.3 25.9

