

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087062.D
 Acq On : 15 May 2016 11:36
 Operator : UM/SJ
 Sample : H3052-13
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: May 16 07:30:00 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	123888	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	513118	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	243473	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	409974	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	294513	20.00	ng	-0.01
86) Perylene-d12	15.11	264	281972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	463050	63.30	ng	0.01
7) Phenol-d6	6.28	99	390402	39.93	ng	0.00
23) Nitrobenzene-d5	7.19	82	899779	88.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	316912	122.95	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1428153	98.58	ng	0.00
78) Terphenyl-d14	12.71	244	972732	70.08	ng	0.00

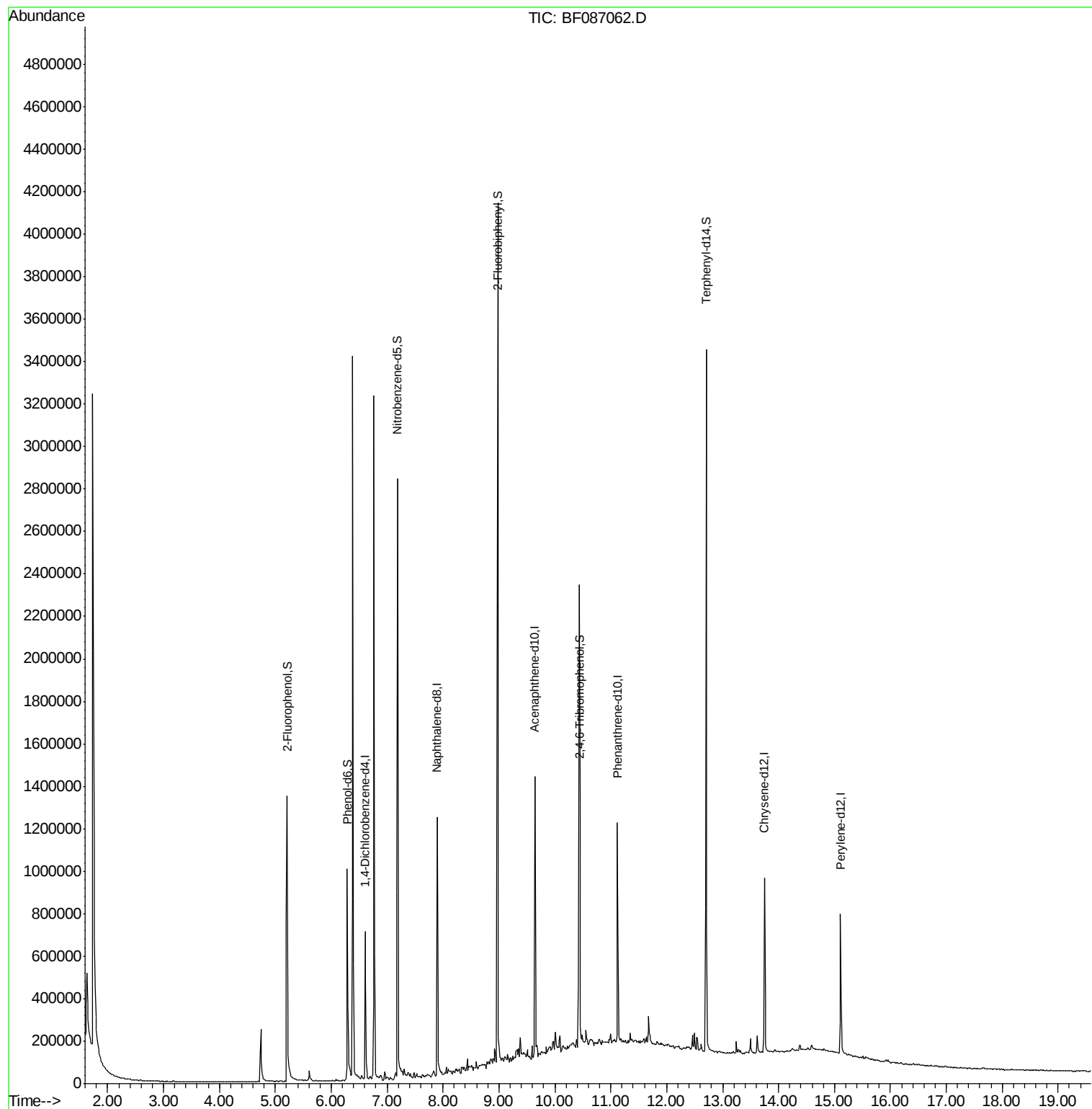
Target Compounds	Qvalue
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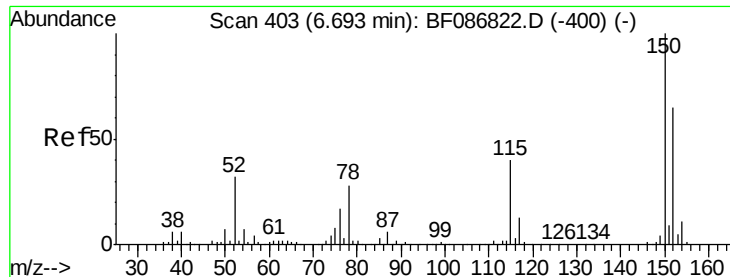
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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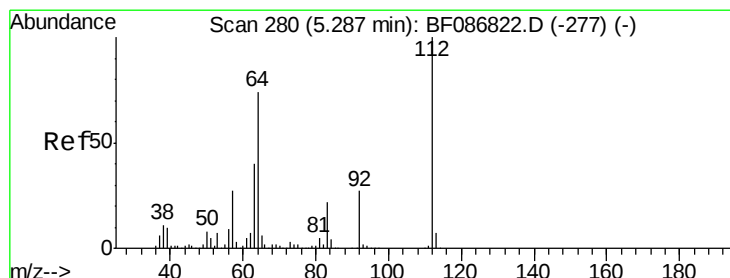
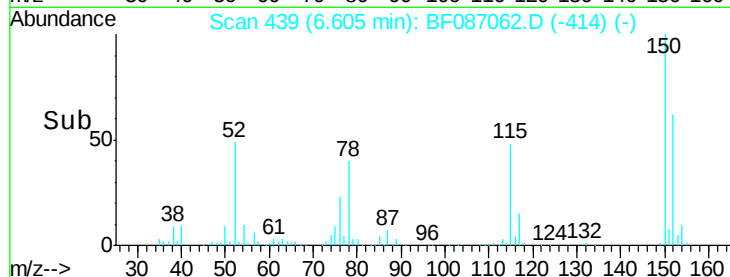
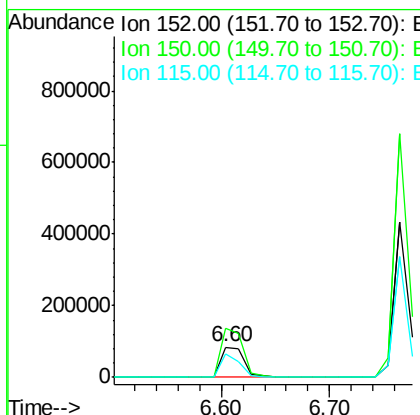
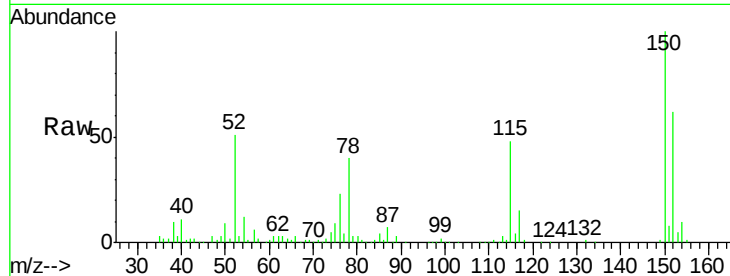




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF087062.D
 Acq: 15 May 2016 11:36

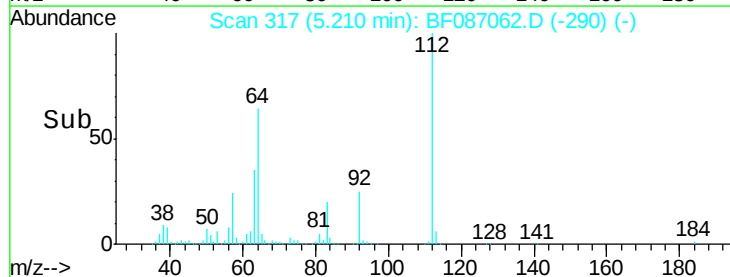
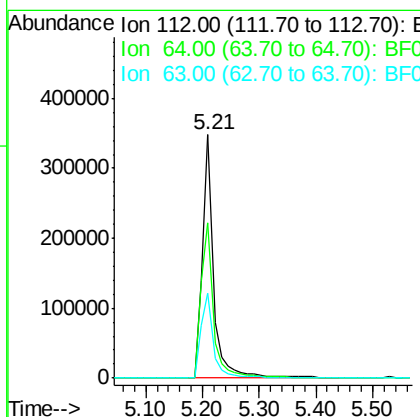
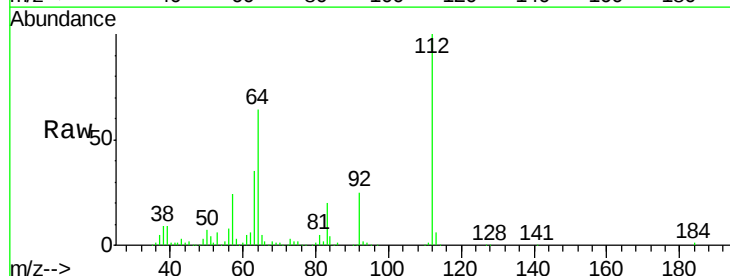
Instrument :
 BNA_F
 ClientSampleId :
 MW-07

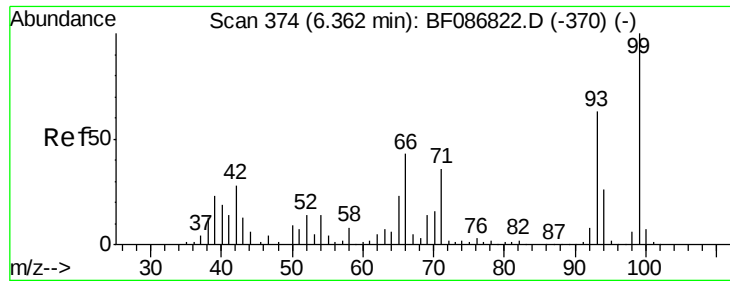
Tgt Ion:152 Resp: 123888
 Ion Ratio Lower Upper
 152 100
 150 160.6 125.8 188.6
 115 77.4 51.5 77.3#



#5
 2-Fluorophenol
 Concen: 63.30 ng
 RT: 5.21 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: BF087062.D
 Acq: 15 May 2016 11:36

Tgt Ion:112 Resp: 463050
 Ion Ratio Lower Upper
 112 100
 64 63.9 52.1 78.1
 63 34.9 25.7 38.5





#7

Phenol-d6

Concen: 39.93 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-07

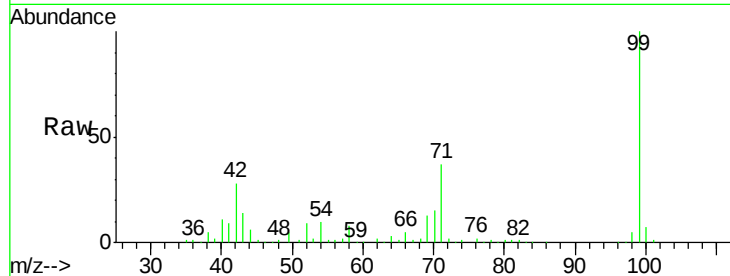
Tgt Ion: 99 Resp: 390402

Ion Ratio Lower Upper

99 100

42 28.0 13.6 20.4#

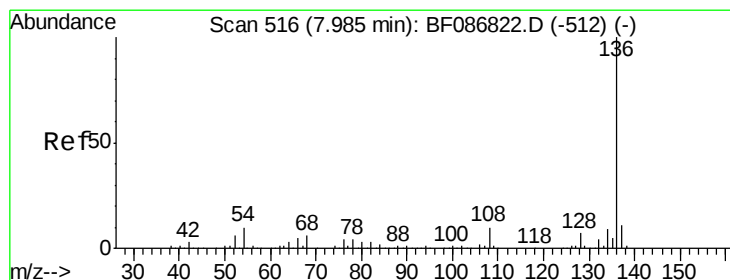
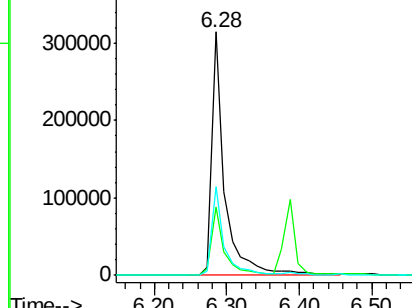
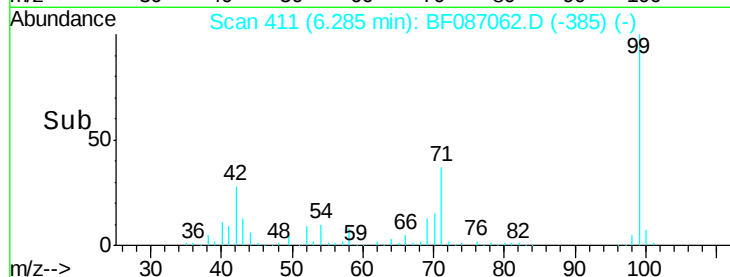
71 36.6 24.6 36.8



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: BF087062.D

Acq: 15 May 2016 11:36

Tgt Ion: 136 Resp: 513118

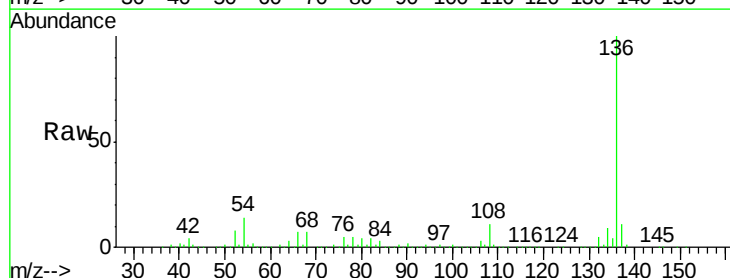
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 13.8 5.0 7.4#

68 7.1 4.4 6.6#

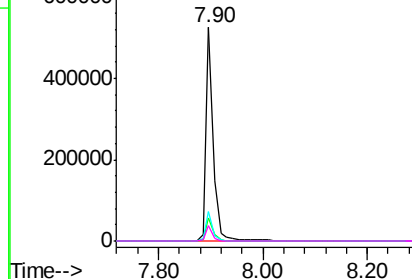
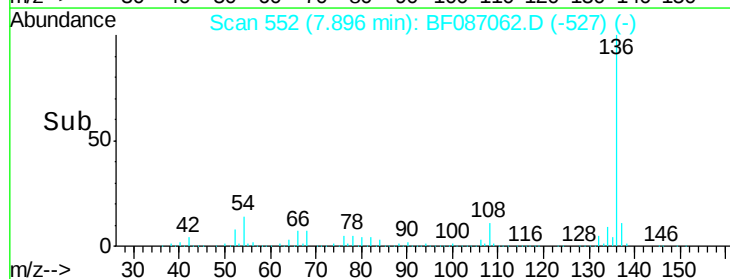


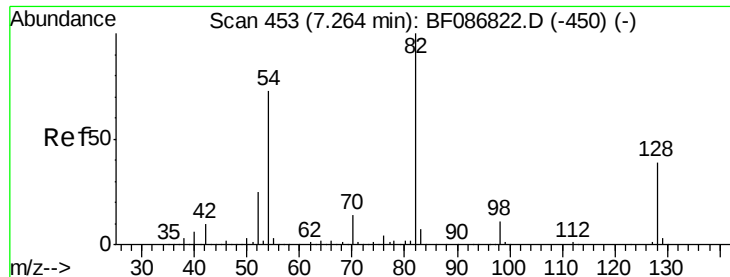
Abundance Ion 136.00 (135.70 to 136.70): E

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

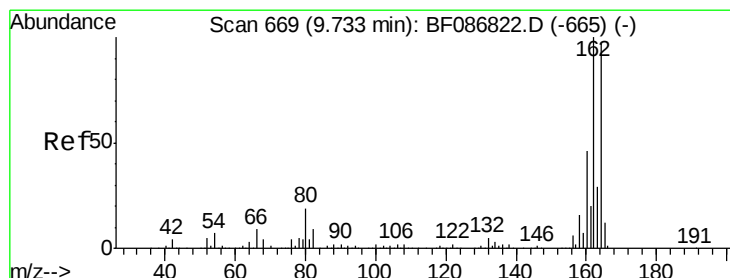
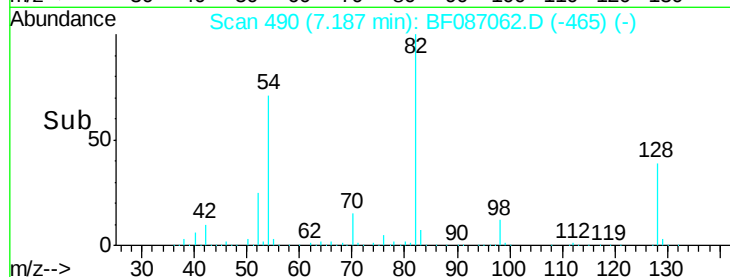
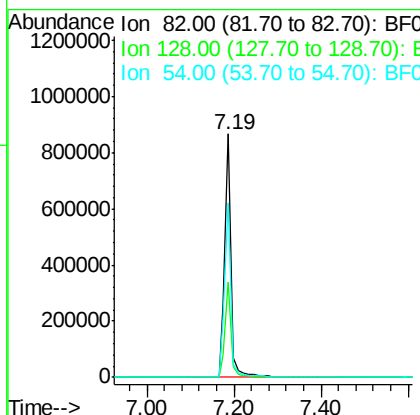
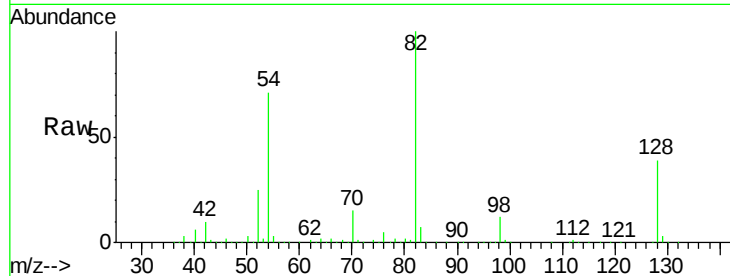




#23
 Nitrobenzene-d5
 Concen: 88.05 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087062.D
 Acq: 15 May 2016 11:36

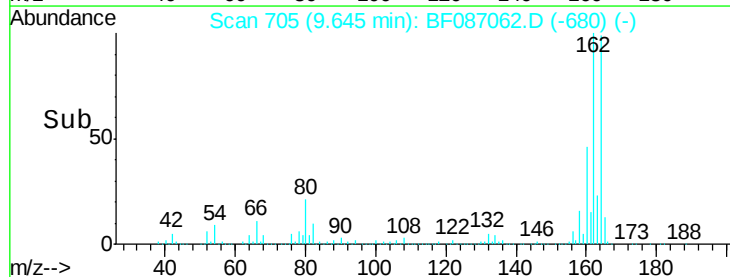
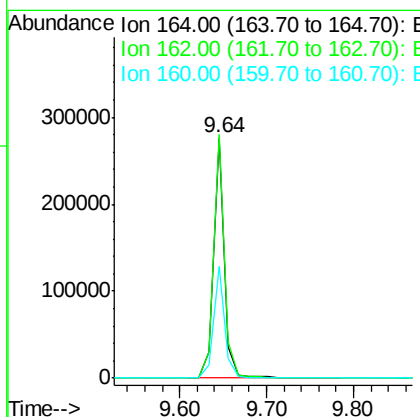
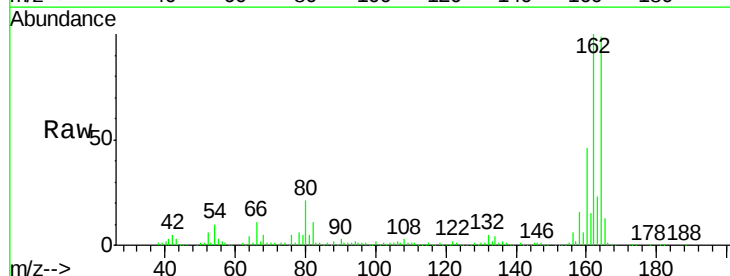
Instrument :
 BNA_F
 ClientSampled :
 MW-07

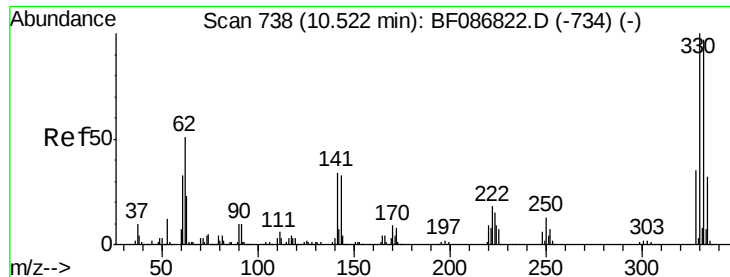
Tgt Ion: 82 Resp: 899779
 Ion Ratio Lower Upper
 82 100
 128 39.0 40.6 61.0#
 54 71.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087062.D
 Acq: 15 May 2016 11:36

Tgt Ion: 164 Resp: 243473
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.8 124.2
 160 46.7 36.9 55.3

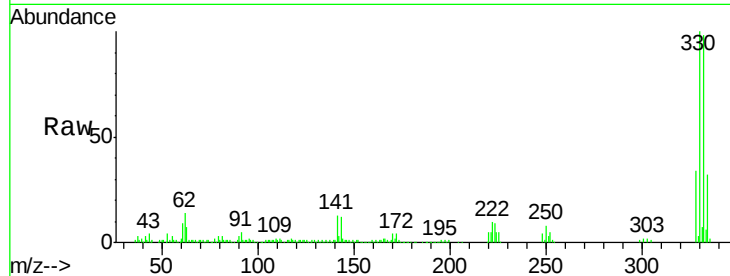




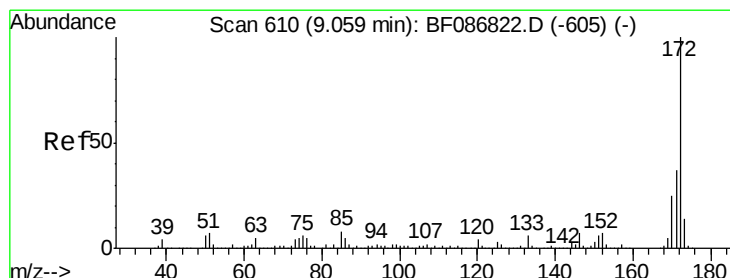
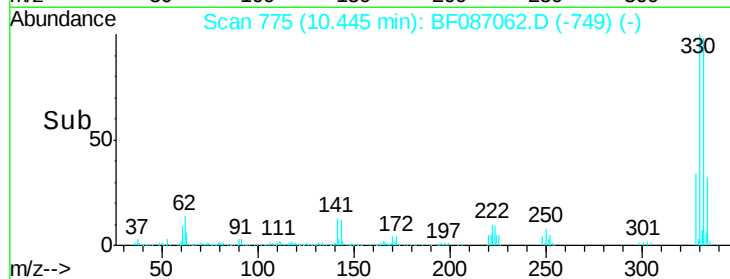
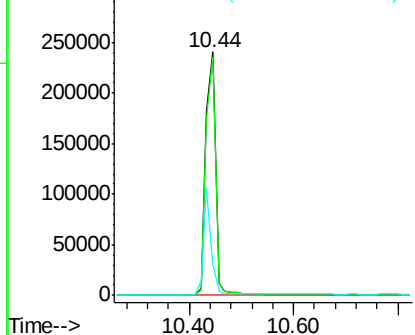
#41
 2,4,6-Tribromophenol
 Concen: 122.95 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087062.D
 Acq: 15 May 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:330 Resp: 316912
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 34.5 31.2 46.8

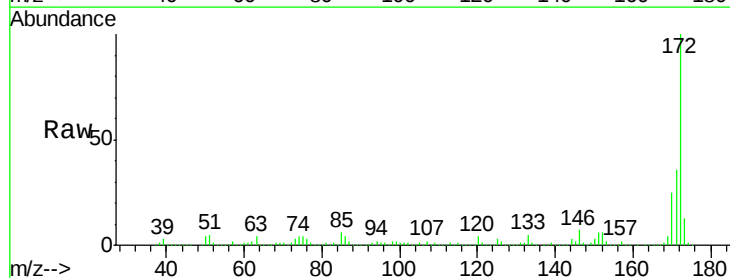


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

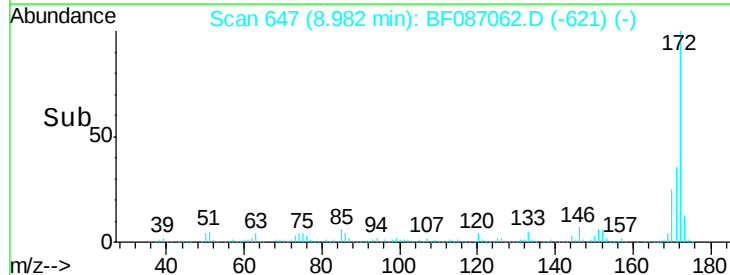
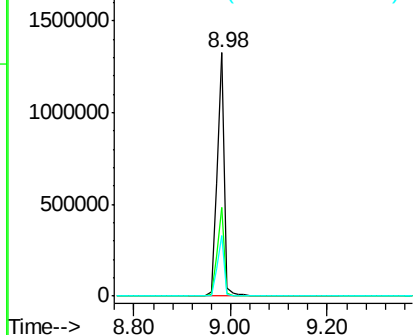


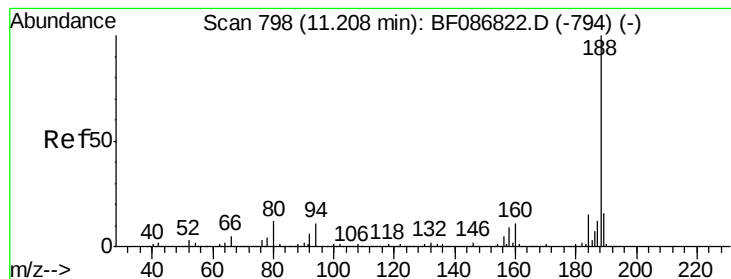
#44
 2-Fluorobiphenyl
 Concen: 98.58 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087062.D
 Acq: 15 May 2016 11:36

Tgt Ion:172 Resp: 1428153
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.7 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-07

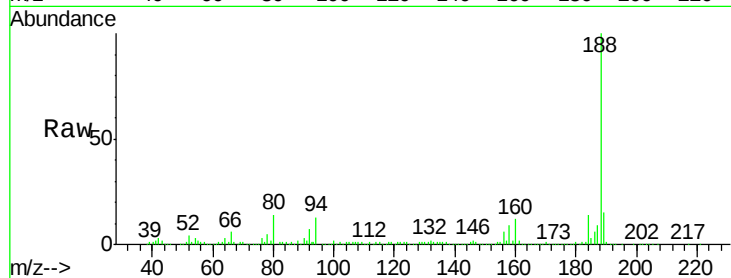
Tgt Ion:188 Resp: 409974

Ion Ratio Lower Upper

188 100

94 12.6 6.8 10.2#

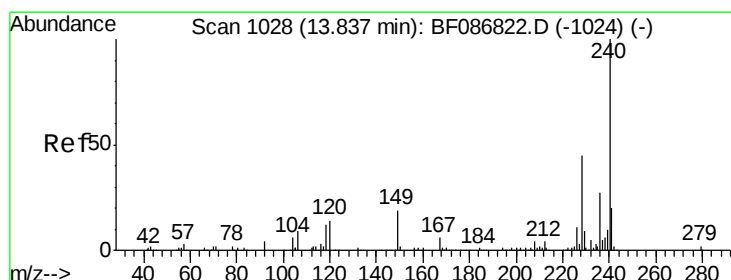
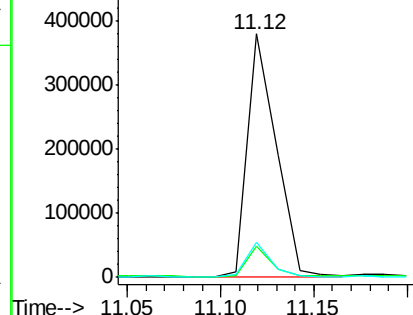
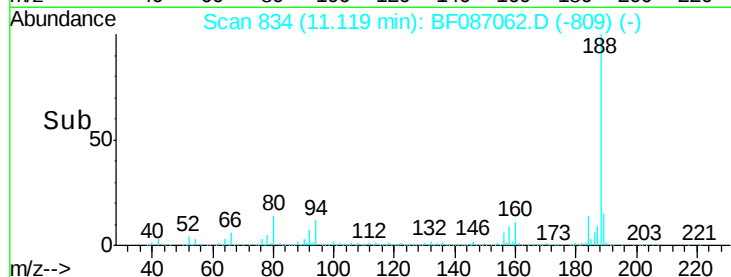
80 14.4 7.1 10.7#



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: BF087062.D

Acq: 15 May 2016 11:36

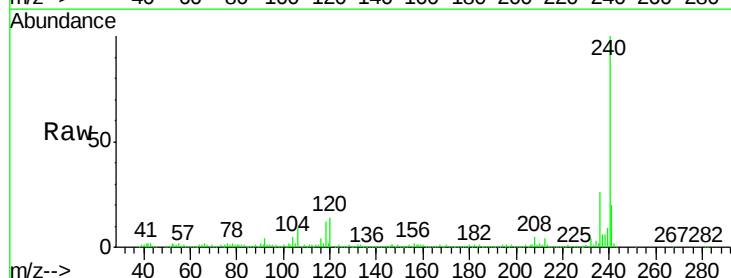
Tgt Ion:240 Resp: 294513

Ion Ratio Lower Upper

240 100

120 13.6 11.2 16.8

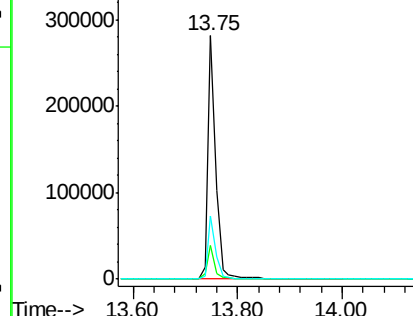
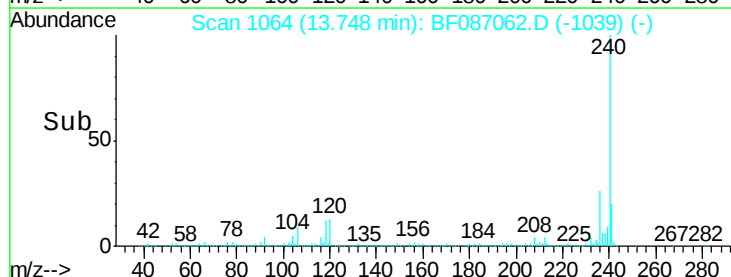
236 26.0 21.2 31.8

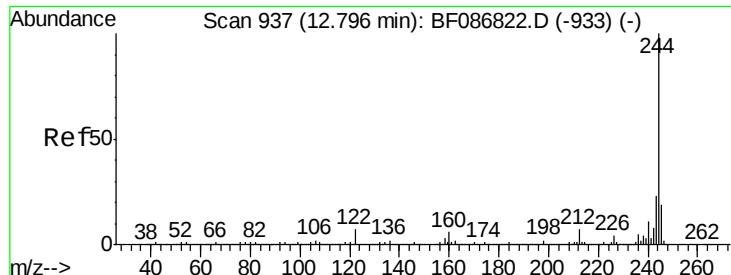


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

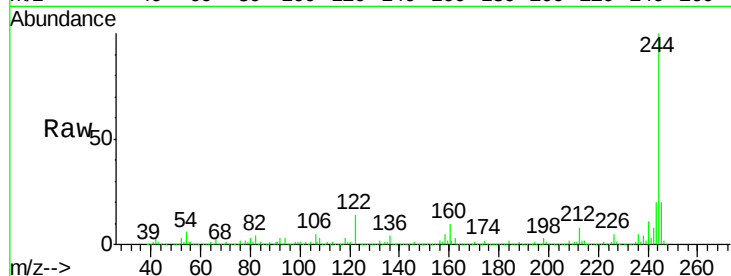




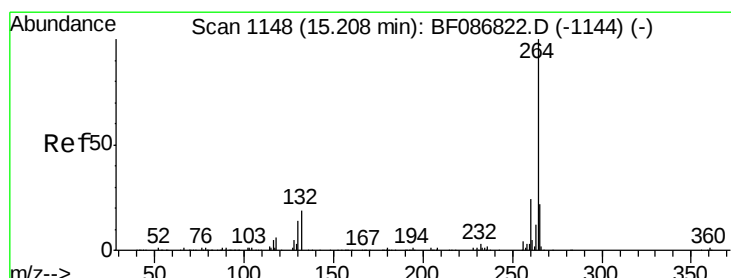
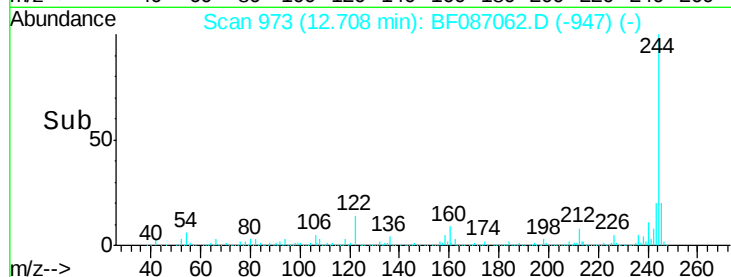
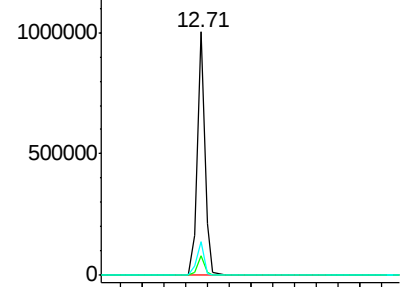
#78
 Terphenyl-d14
 Concen: 70.08 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF087062.D
 Acq: 15 May 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:244 Resp: 972732
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 13.8 12.0 18.0

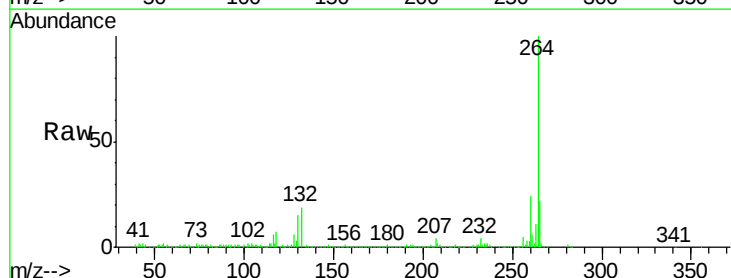


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087062.D
 Acq: 15 May 2016 11:36

Tgt Ion:264 Resp: 281972
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.5 17.3 25.9



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

