

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087063.D
 Acq On : 15 May 2016 12:05
 Operator : UM/SJ
 Sample : H3052-14
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: May 16 07:31:48 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	126888	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	514388	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	245906	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	427865	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	285620	20.00	ng	-0.01
86) Perylene-d12	15.11	264	280589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	447435	59.72	ng	0.01
7) Phenol-d6	6.28	99	463599	46.30	ng	0.00
23) Nitrobenzene-d5	7.19	82	871528	85.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	276293	106.13	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1373260	93.86	ng	0.00
78) Terphenyl-d14	12.71	244	952859	70.78	ng	0.00

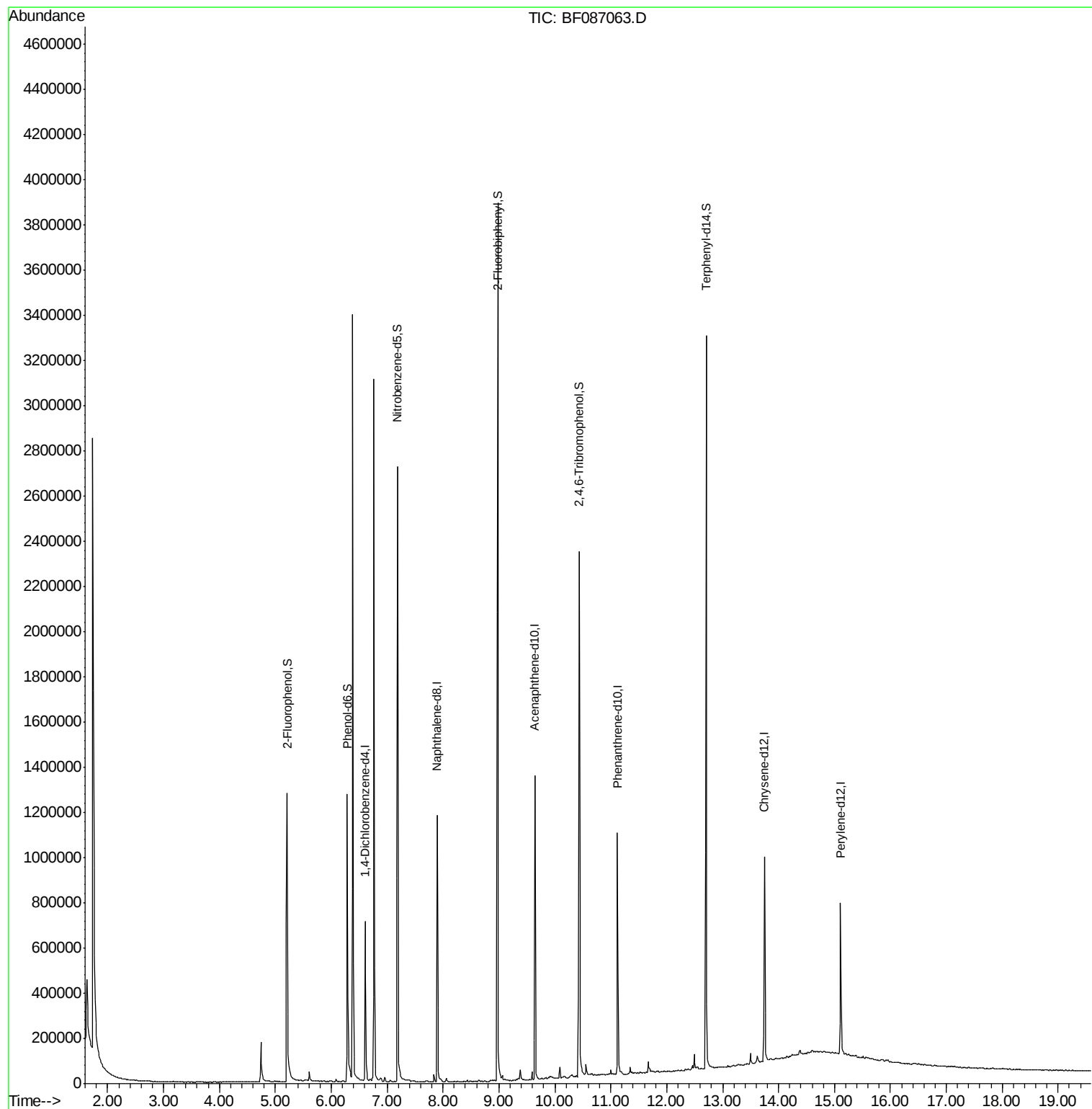
Target Compounds	Qvalue
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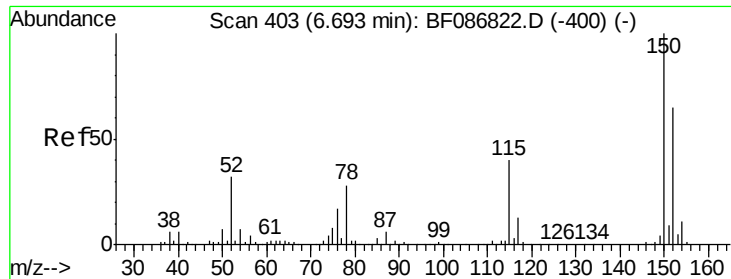
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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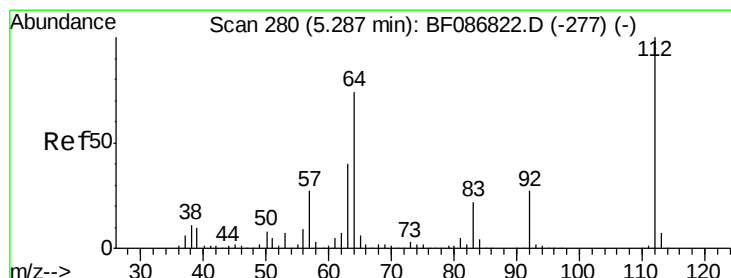
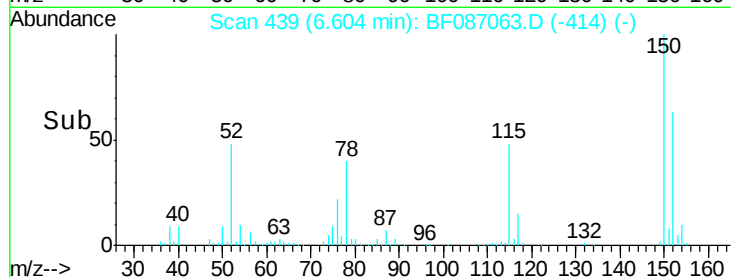
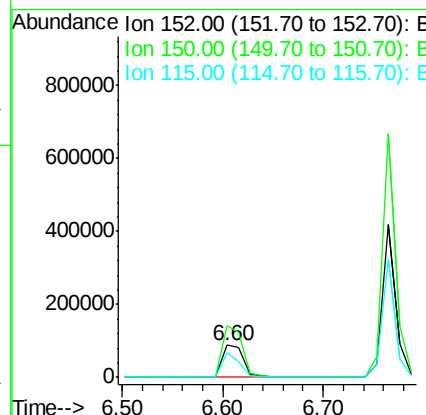
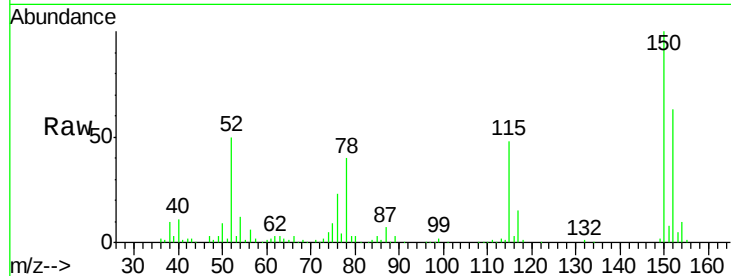




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF087063.D
 Acq: 15 May 2016 12:05

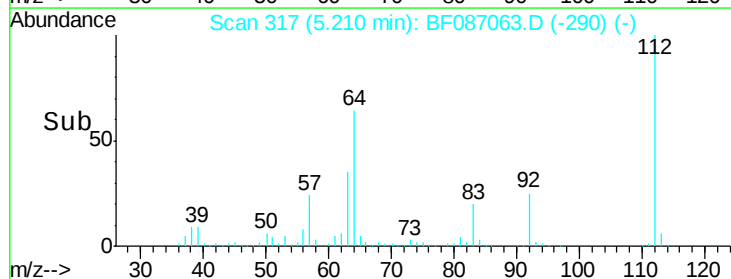
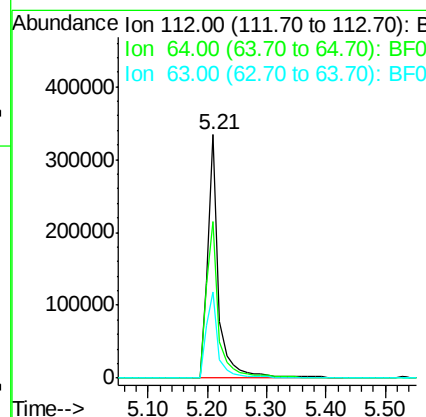
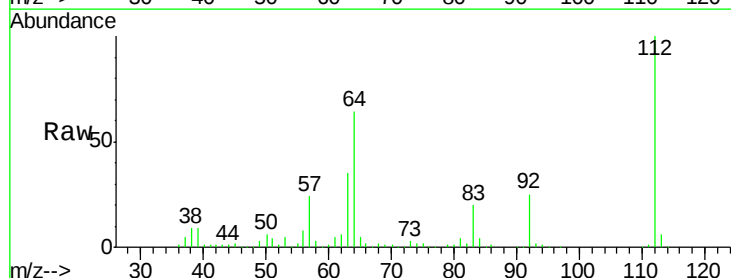
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

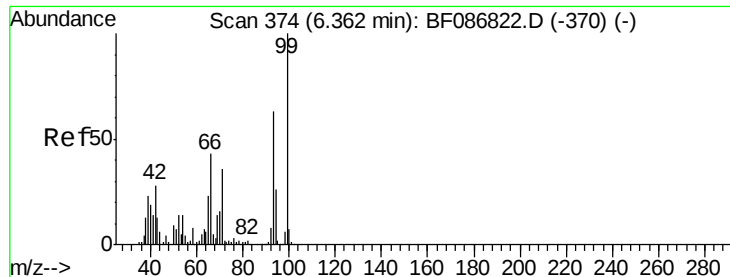
Tgt Ion:152 Resp: 126888
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.8 188.6
 115 76.4 51.5 77.3



#5
 2-Fluorophenol
 Concen: 59.72 ng
 RT: 5.21 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: BF087063.D
 Acq: 15 May 2016 12:05

Tgt Ion:112 Resp: 447435
 Ion Ratio Lower Upper
 112 100
 64 64.2 52.1 78.1
 63 35.3 25.7 38.5





#7

Phenol-d6

Concen: 46.30 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF087063.D

Acq: 15 May 2016 12:05

Instrument :

BNA_F

ClientSampled :

MW-06

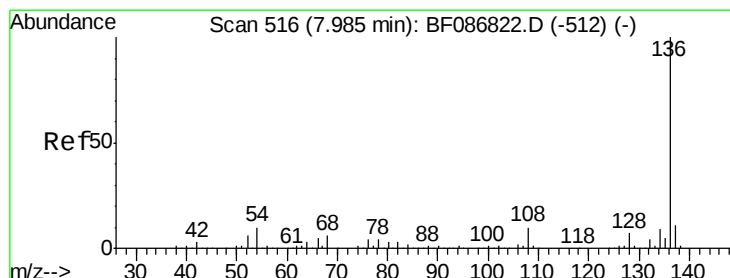
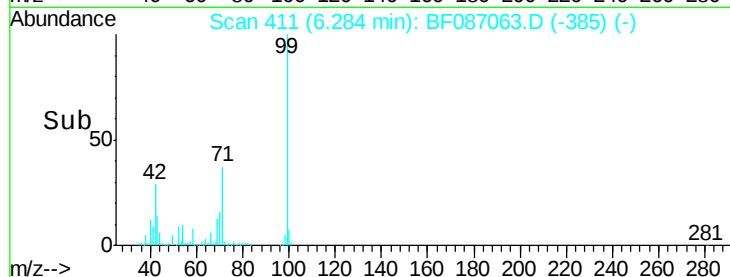
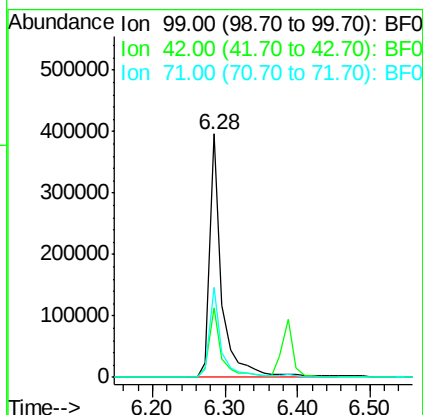
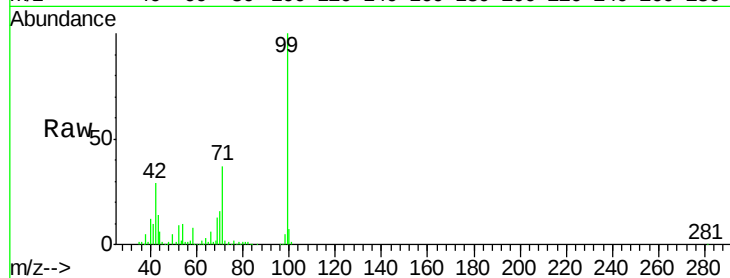
Tgt Ion: 99 Resp: 463599

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

71 36.8 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087063.D

Acq: 15 May 2016 12:05

Tgt Ion: 136 Resp: 514388

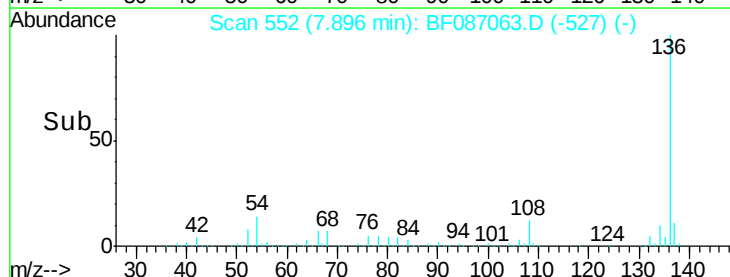
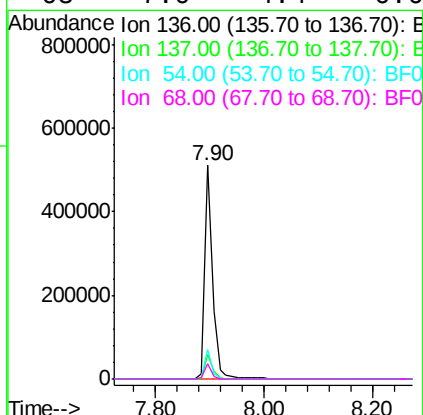
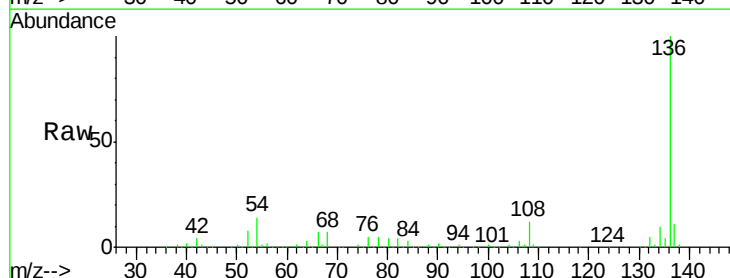
Ion Ratio Lower Upper

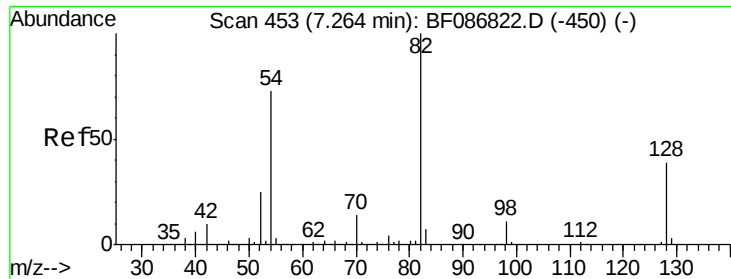
136 100

137 11.1 8.8 13.2

54 13.9 5.0 7.4#

68 7.0 4.4 6.6#

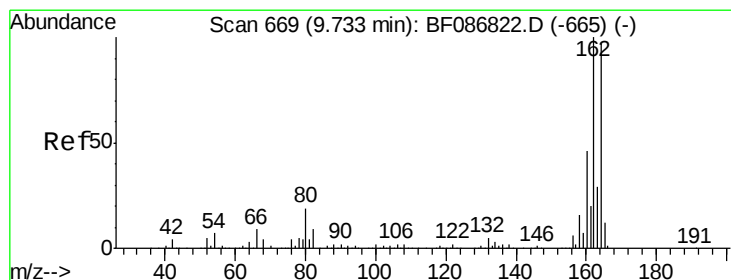
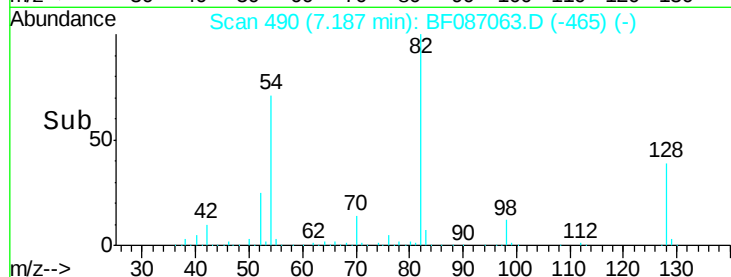
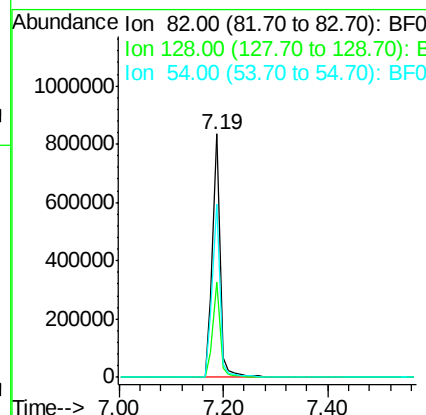
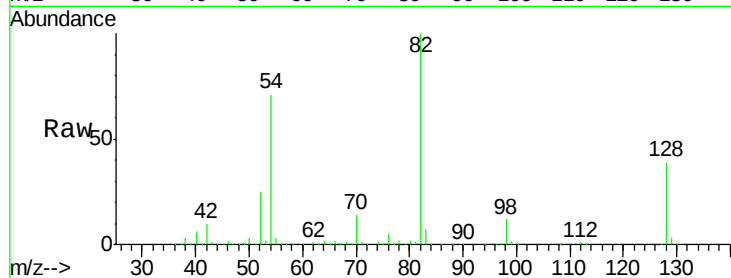




#23
 Nitrobenzene-d5
 Concen: 85.08 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087063.D
 Acq: 15 May 2016 12:05

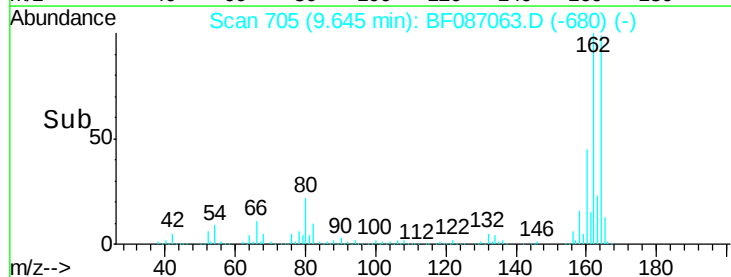
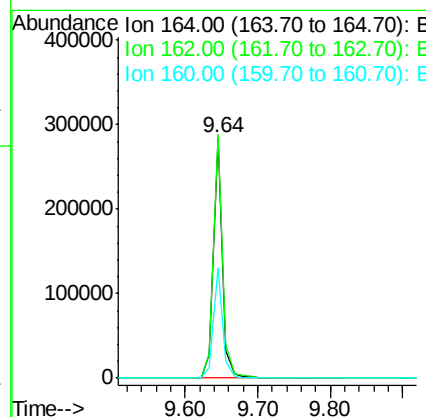
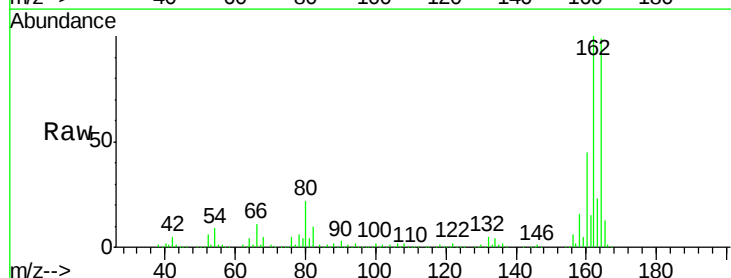
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

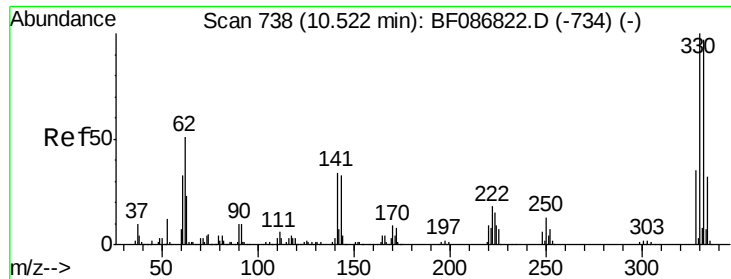
Tgt Ion: 82 Resp: 871528
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.6 61.0#
 54 71.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087063.D
 Acq: 15 May 2016 12:05

Tgt Ion: 164 Resp: 245906
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.8 124.2
 160 45.7 36.9 55.3

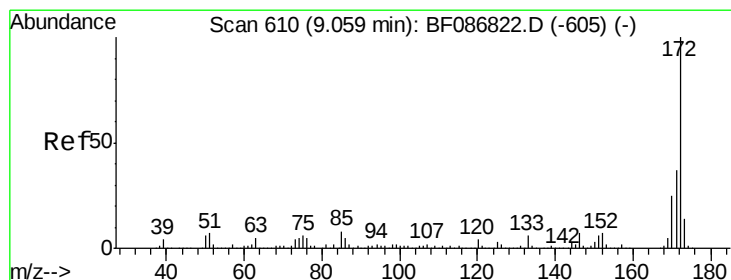
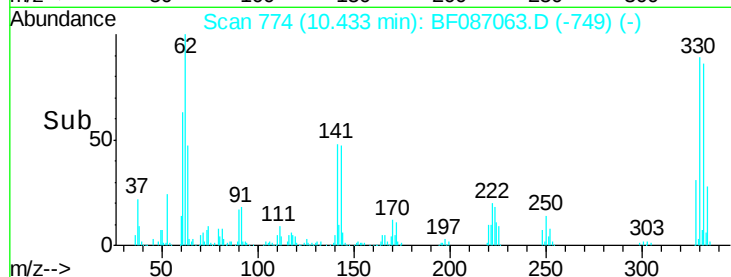
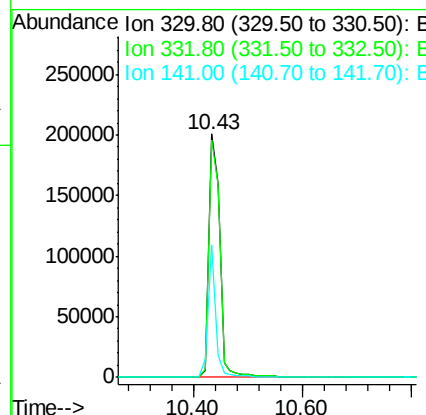
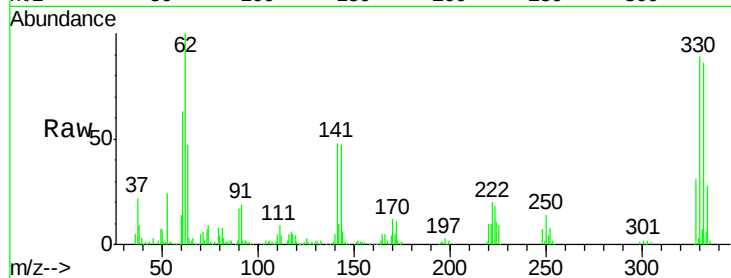




#41
 2,4,6-Tribromophenol
 Concen: 106.13 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087063.D
 Acq: 15 May 2016 12:05

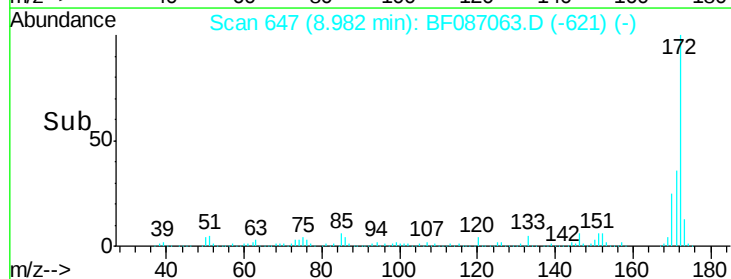
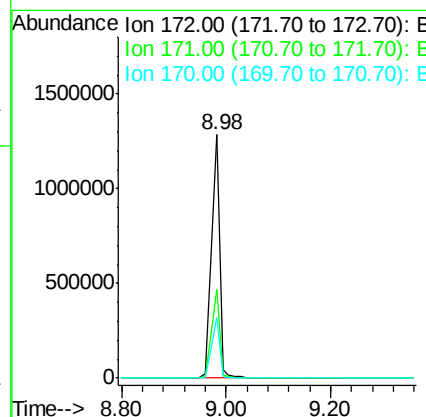
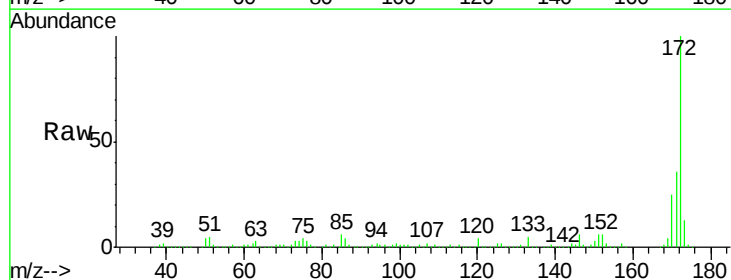
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

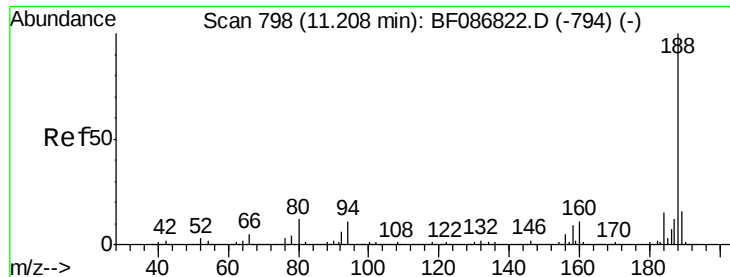
Tgt Ion:330 Resp: 276293
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 38.2 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 93.86 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF087063.D
 Acq: 15 May 2016 12:05

Tgt Ion:172 Resp: 1373260
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.6 19.8 29.8

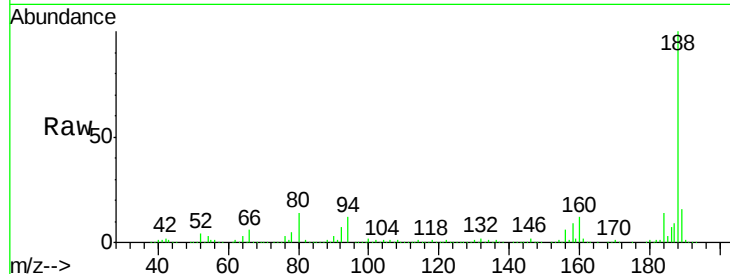




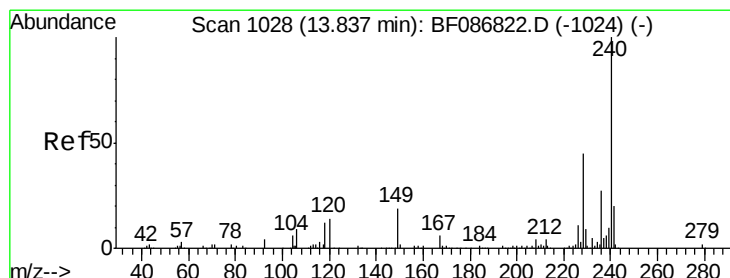
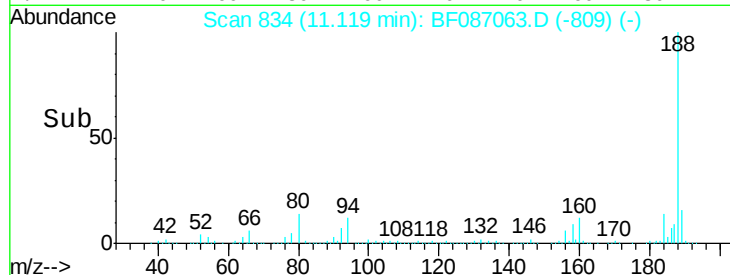
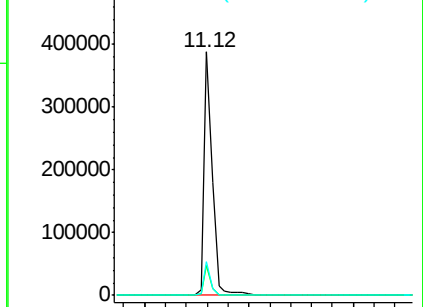
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087063.D
Acq: 15 May 2016 12:05

Instrument :
BNA_F
ClientSampled :
MW-06

Tgt Ion:188 Resp: 427865
Ion Ratio Lower Upper
188 100
94 12.5 6.8 10.2#
80 13.8 7.1 10.7#

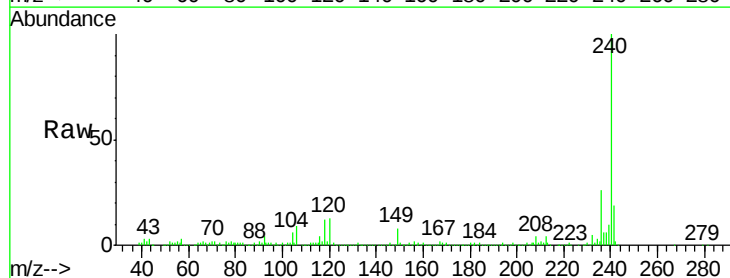


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

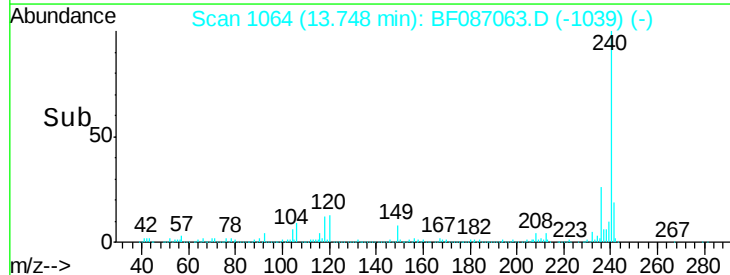
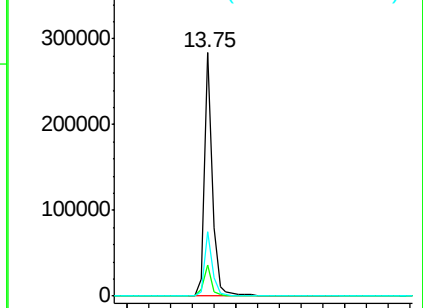


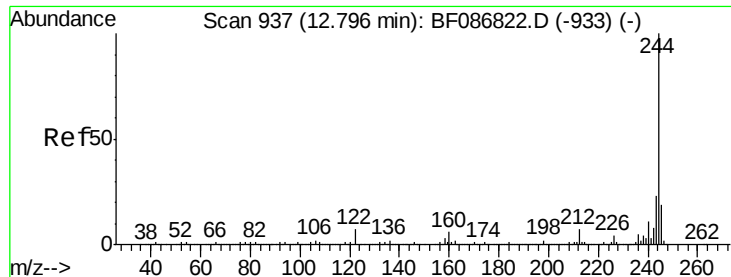
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087063.D
Acq: 15 May 2016 12:05

Tgt Ion:240 Resp: 285620
Ion Ratio Lower Upper
240 100
120 13.0 11.2 16.8
236 26.4 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

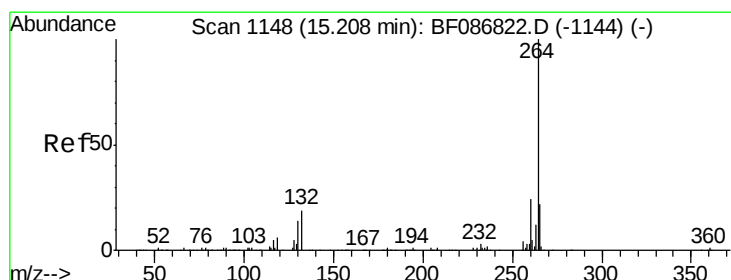
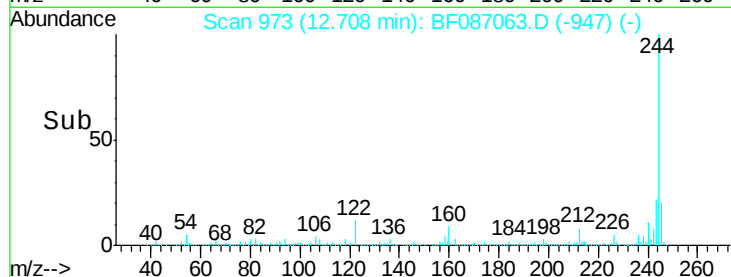
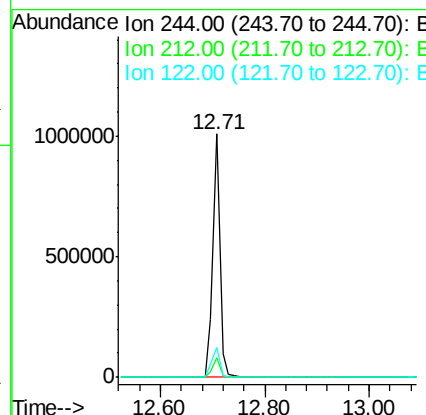
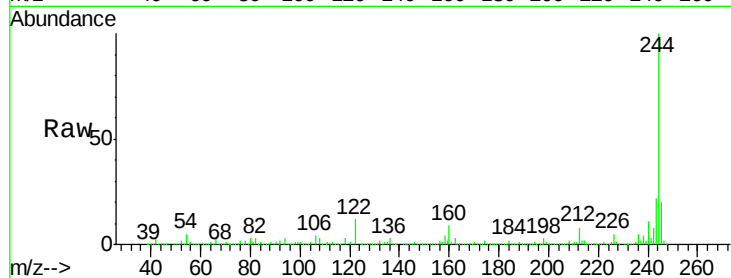




#78
 Terphenyl-d14
 Concen: 70.78 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF087063.D
 Acq: 15 May 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion: 244 Resp: 952859
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 12.4 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: BF087063.D
 Acq: 15 May 2016 12:05

Tgt Ion: 264 Resp: 280589
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.4 17.3 25.9

