

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087457.D
 Acq On : 27 May 2016 23:11
 Operator : UM/SJ
 Sample : H3291-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12A

Quant Time: May 28 00:33:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	121707	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	485851	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	241076	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	463258	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	392555	20.00	ng	-0.03
86) Perylene-d12	20.11	264	282472	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	468872	67.69	ng	-0.03
7) Phenol-d6	7.03	99	413095	44.14	ng	-0.05
23) Nitrobenzene-d5	8.40	82	818804	84.94	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	315772	136.30	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1463941	85.61	ng	-0.05
78) Terphenyl-d14	17.10	244	1445264	78.27	ng	-0.03

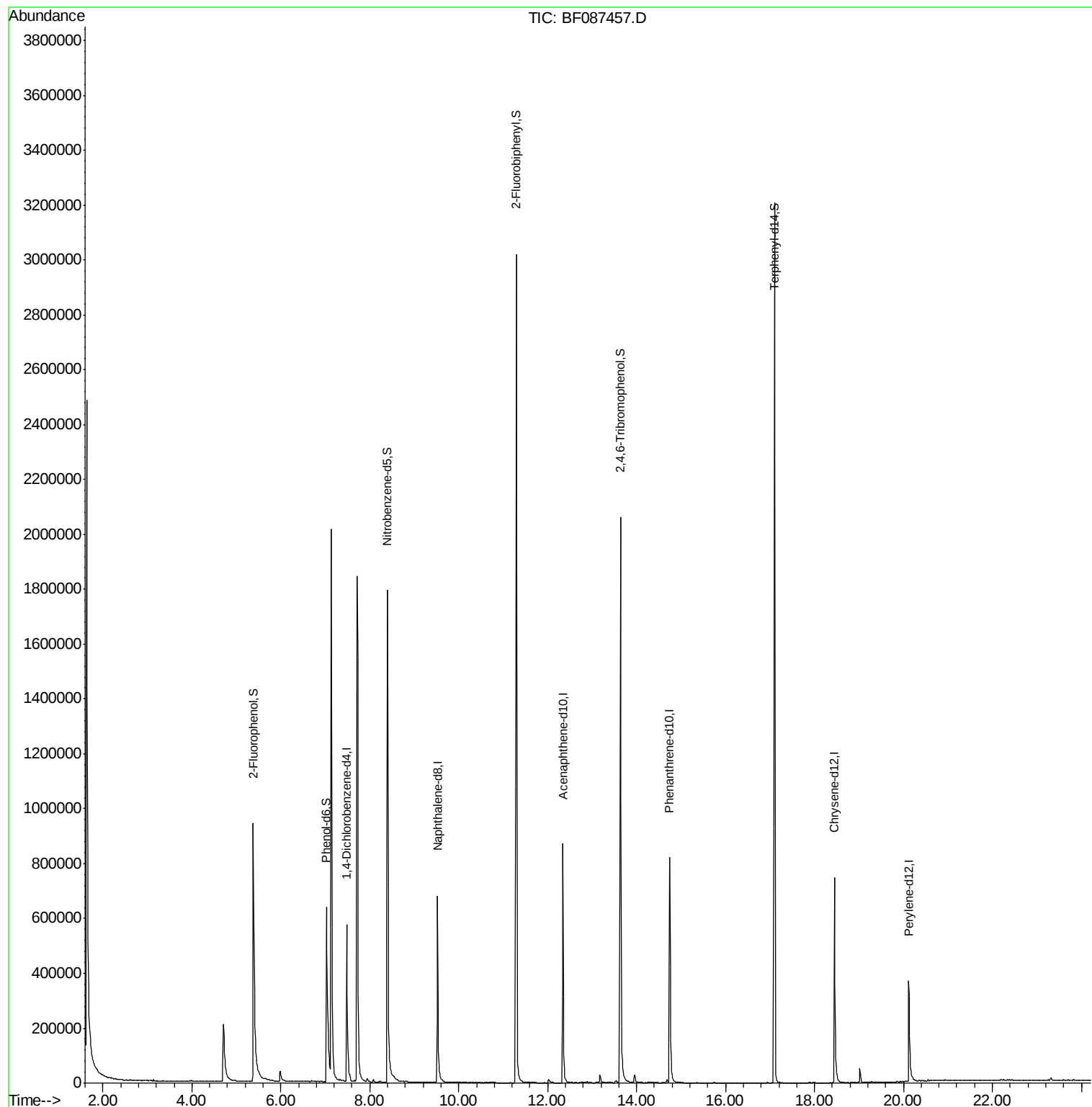
Target Compounds Qvalue

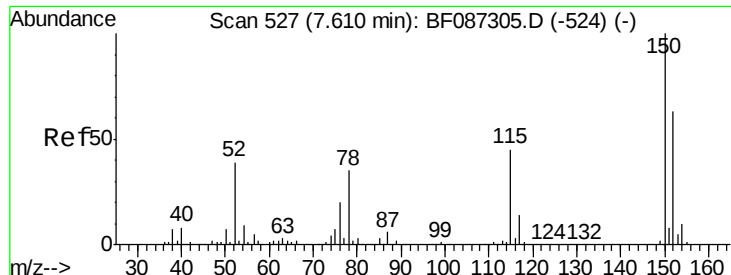
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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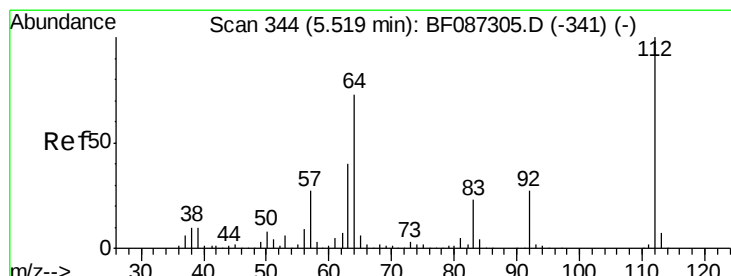
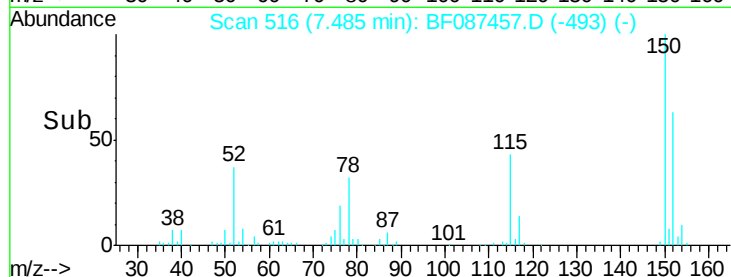
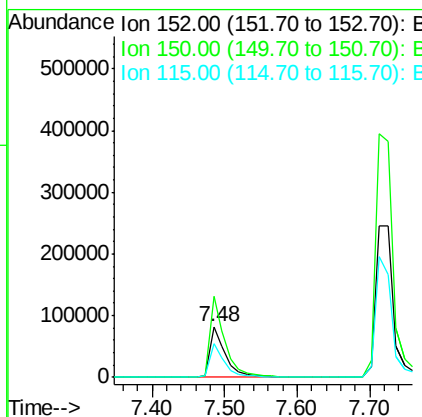
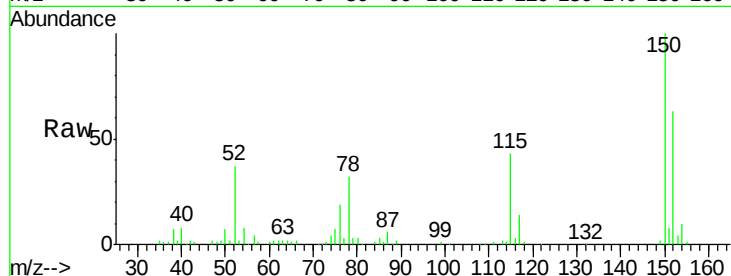




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.48 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF087457.D
 Acq: 27 May 2016 23:11

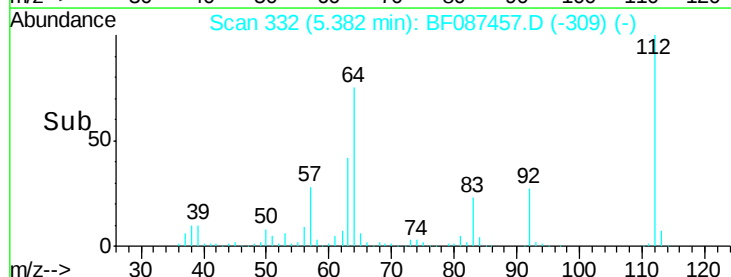
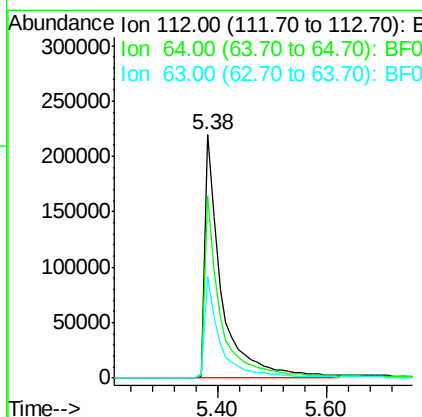
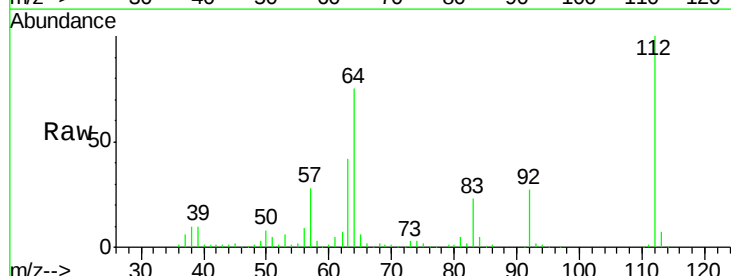
Instrument :
 BNA_F
 ClientSampleId :
 MW-12A

Tot Ion:152 Resp: 121707
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.8 188.6
 115 67.4 51.5 77.3



#5
 2-Fluorophenol
 Concen: 67.69 ng
 RT: 5.38 min Scan# 332
 Delta R.T. -0.03 min
 Lab File: BF087457.D
 Acq: 27 May 2016 23:11

Tgt Ion:112 Resp: 468872
 Ion Ratio Lower Upper
 112 100
 64 74.6 52.1 78.1
 63 41.7 25.7 38.5#





#7

Phenol-d6

Concen: 44.14 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF087457.D

Acq: 27 May 2016 23:11

Instrument :

BNA_F

ClientSampleId :

MW-12A

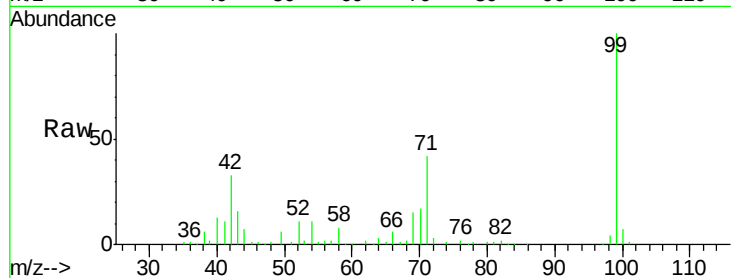
Tot Ion: 99 Resp: 413095

Ion Ratio Lower Upper

99 100

42 32.5 13.6 20.4#

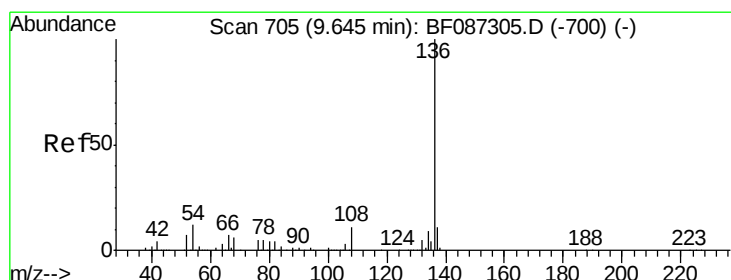
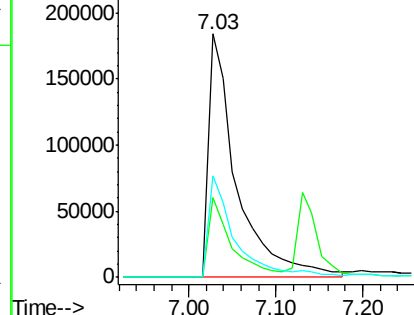
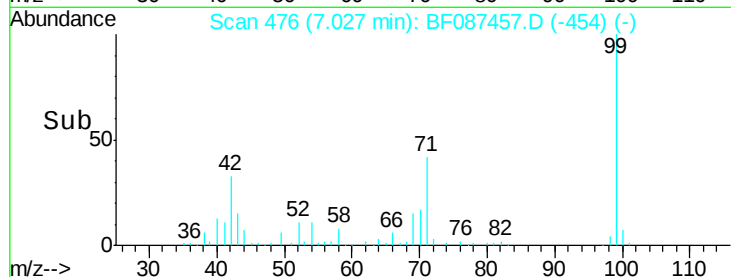
71 41.8 24.6 36.8#



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: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087457.D

Acq: 27 May 2016 23:11

Tgt Ion: 136 Resp: 485851

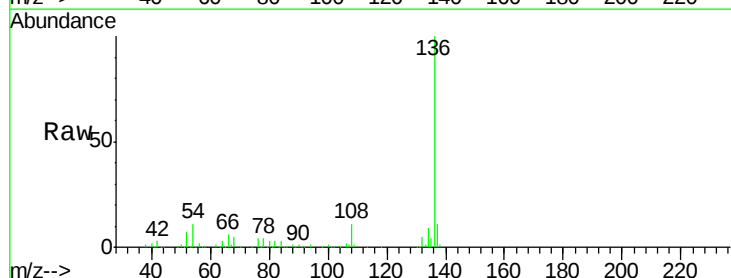
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.7 5.0 7.4#

68 5.4 4.4 6.6

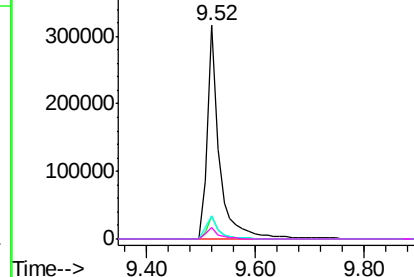
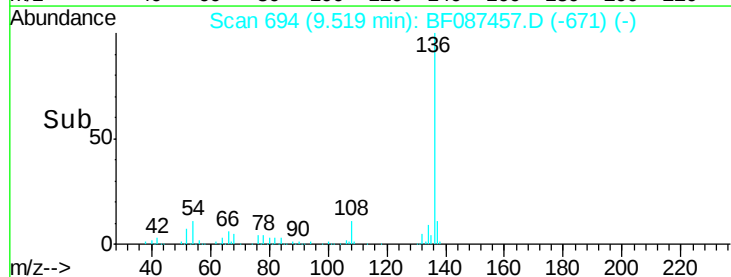


Abundance Ion 136.00 (135.70 to 136.70): E

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

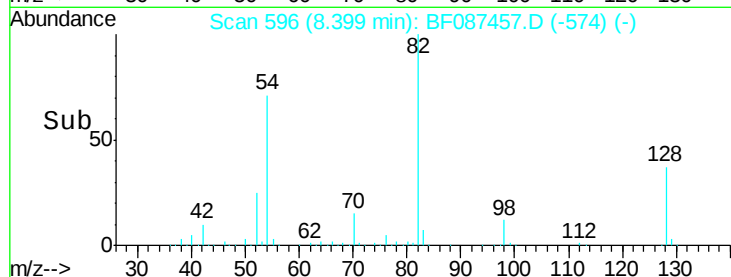
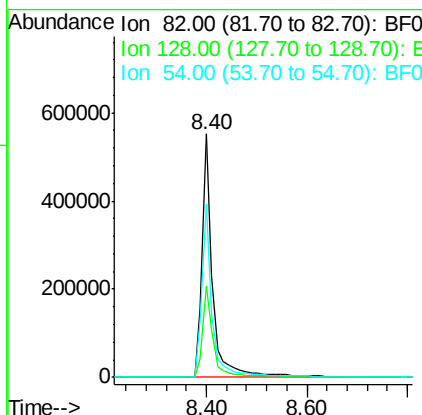
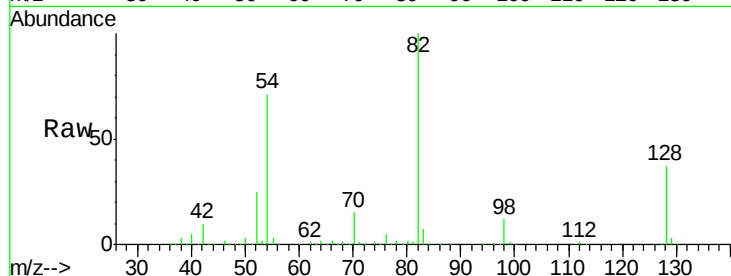




#23
 Nitrobenzene-d5
 Concen: 84.94 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF087457.D
 Acq: 27 May 2016 23:11

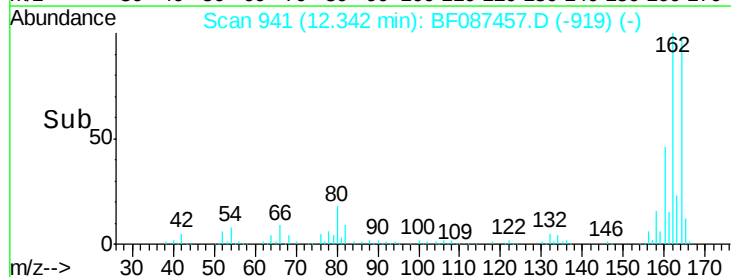
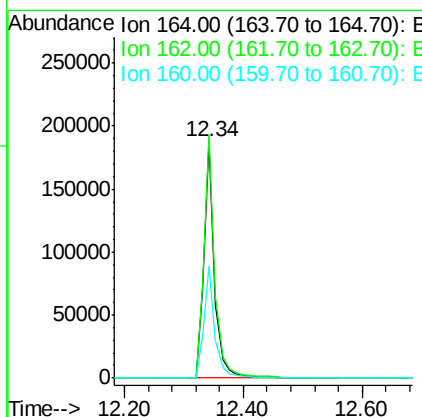
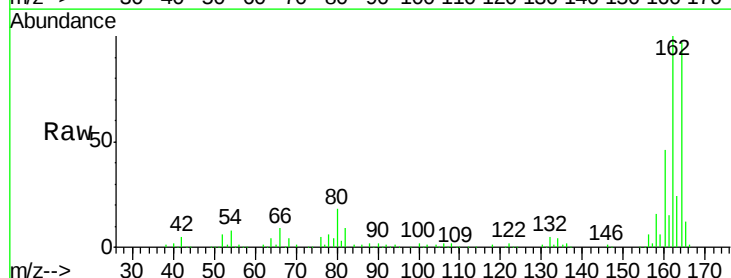
Instrument :
 BNA_F
 ClientSampleId :
 MW-12A

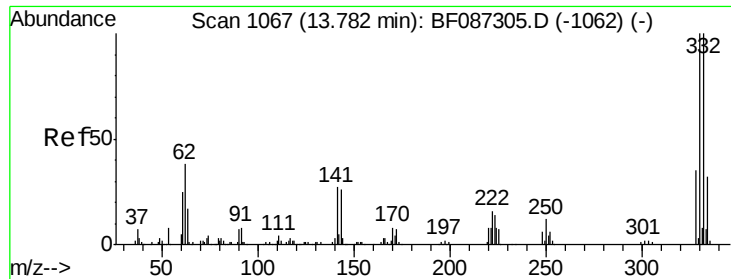
Tot Ion: 82 Resp: 818804
 Ion Ratio Lower Upper
 82 100
 128 37.4 40.6 61.0#
 54 71.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087457.D
 Acq: 27 May 2016 23:11

Tgt Ion: 164 Resp: 241076
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 47.2 36.9 55.3

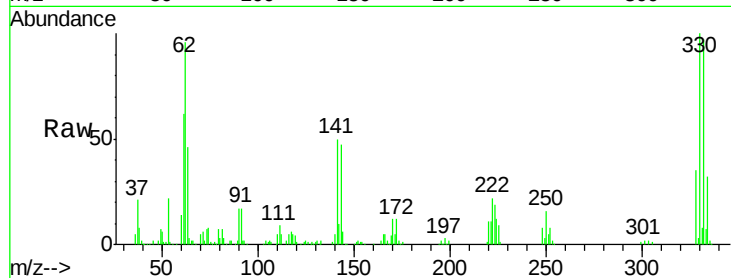




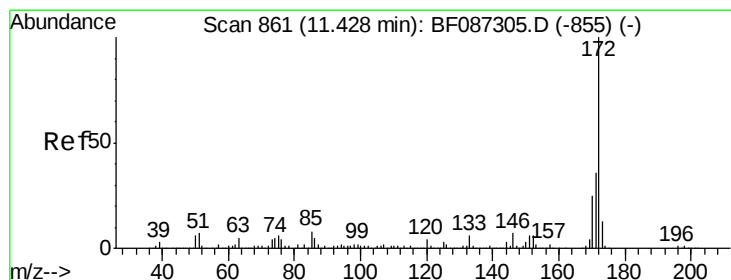
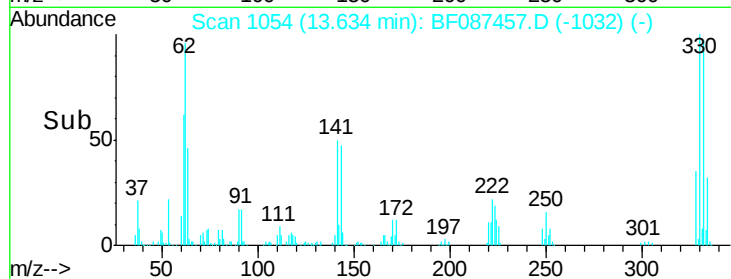
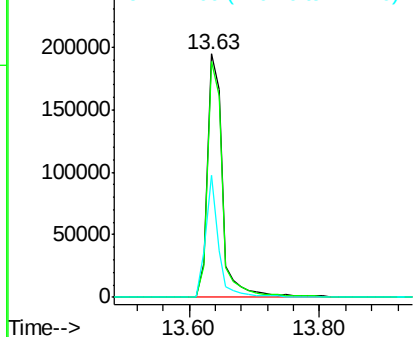
#41
 2,4,6-Tribromophenol
 Concen: 136.30 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087457.D
 Acq: 27 May 2016 23:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-12A

Tot Ion:330 Resp: 315772
 Ion Ratio Lower Upper
 330 100
 332 97.4 79.0 118.4
 141 43.2 31.2 46.8

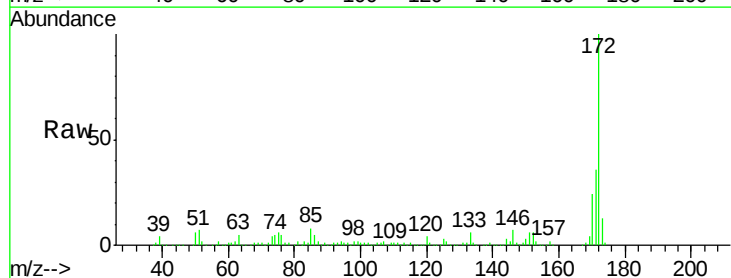


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

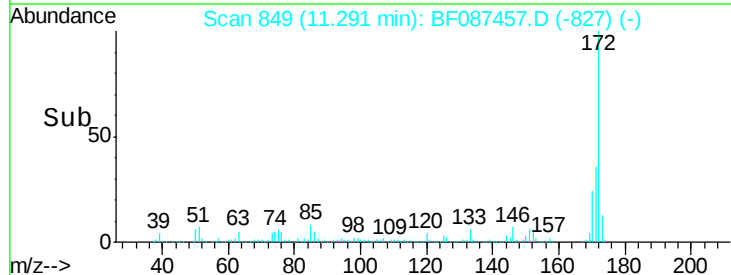
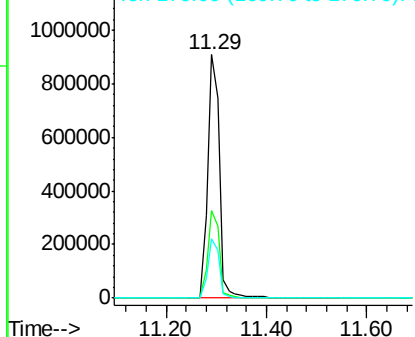


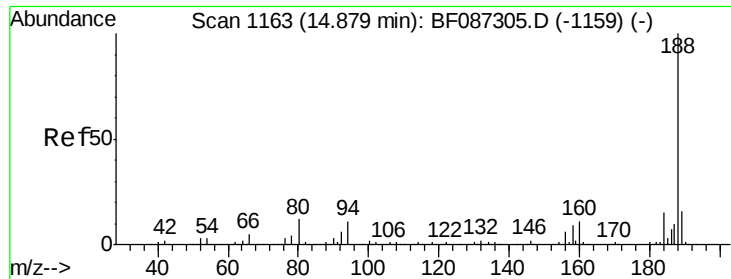
#44
 2-Fluorobiphenyl
 Concen: 85.61 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF087457.D
 Acq: 27 May 2016 23:11

Tgt Ion:172 Resp: 1463941
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.1 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: 14.74 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF087457.D

Acq: 27 May 2016 23:11

Instrument :

BNA_F

ClientSampleId :

MW-12A

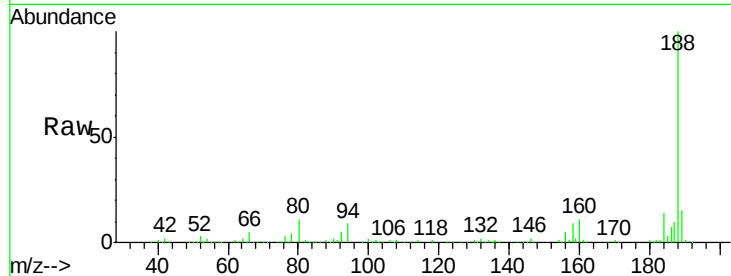
Tot Ion:188 Resp: 463258

Ion Ratio Lower Upper

188 100

94 9.3 6.8 10.2

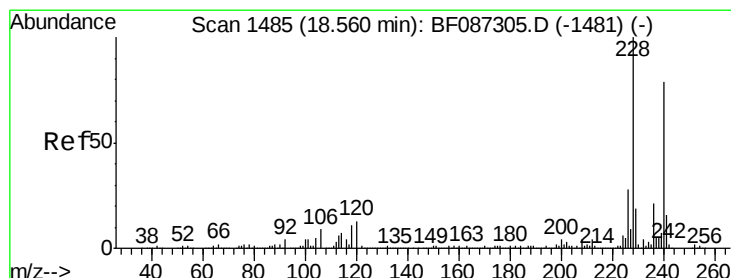
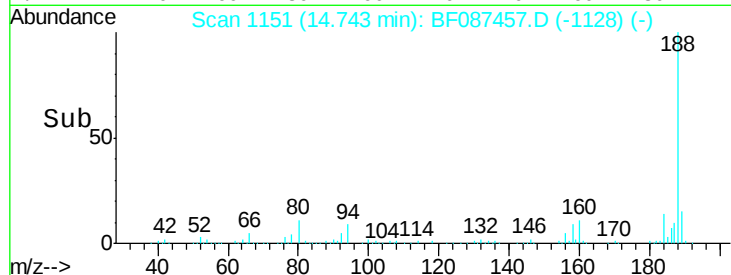
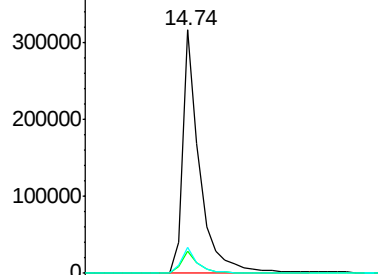
80 10.8 7.1 10.7#



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: 18.45 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF087457.D

Acq: 27 May 2016 23:11

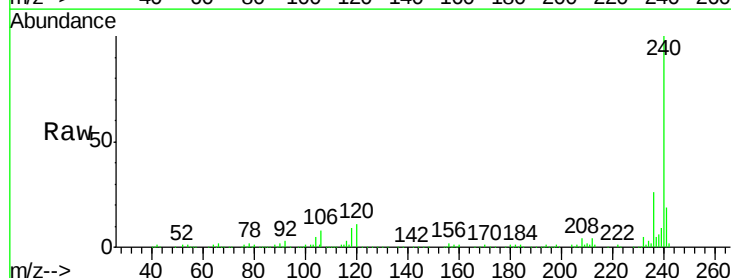
Tgt Ion:240 Resp: 392555

Ion Ratio Lower Upper

240 100

120 10.9 11.2 16.8#

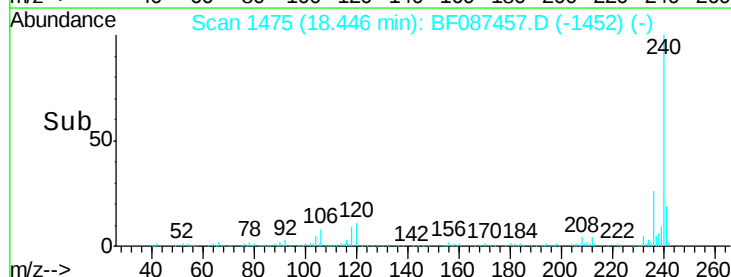
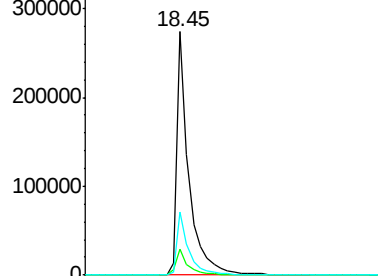
236 25.9 21.2 31.8



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

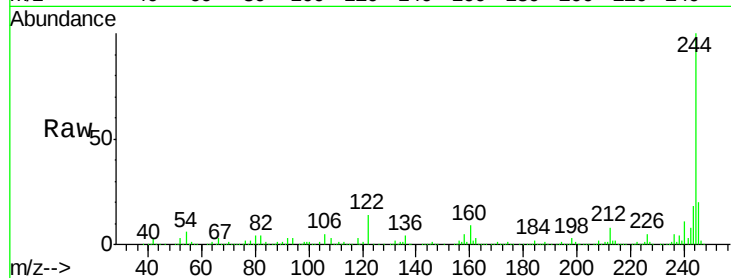




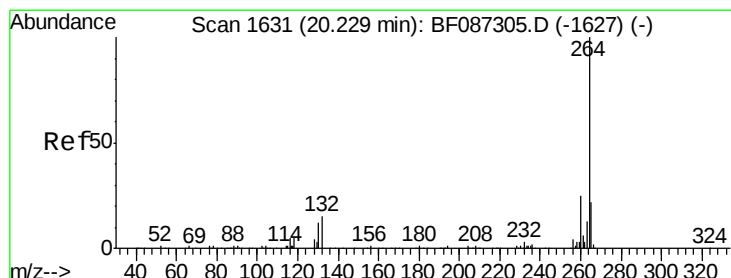
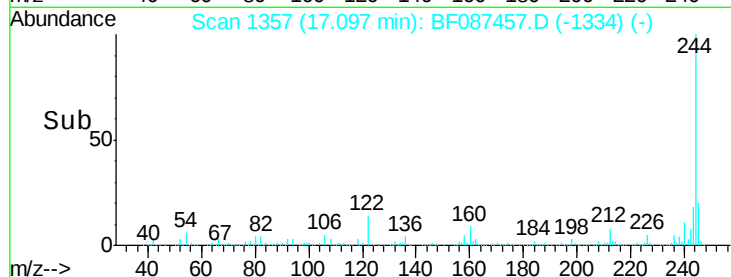
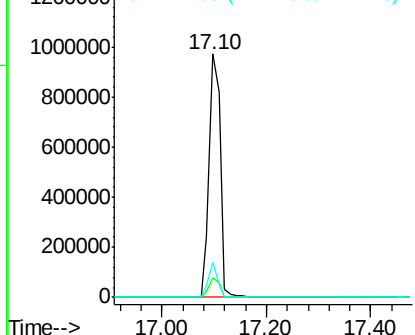
#78
 Terphenyl-d14
 Concen: 78.27 ng
 RT: 17.10 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: BF087457.D
 Acq: 27 May 2016 23:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-12A

Tot Ion:244 Resp: 1445264
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 14.2 12.0 18.0

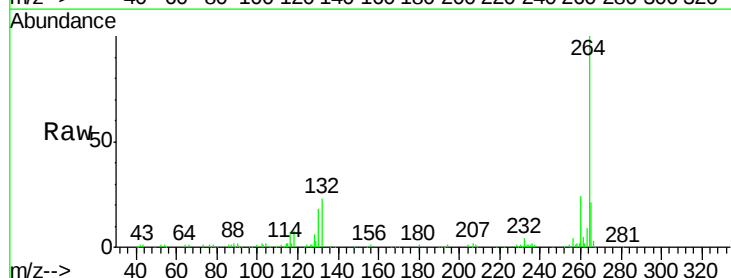


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BF087457.D
 Acq: 27 May 2016 23:11

Tgt Ion:264 Resp: 282472
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.1 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

