

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087197.D
 Acq On : 19 May 2016 20:06
 Operator : UM/SJ
 Sample : H3138-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: May 20 03:33:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:23:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	130700	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	549250	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	260639	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	449095	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	326923	20.00	ng	-0.01
86) Perylene-d12	15.05	264	275163	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	502155	64.58	ng	0.01
7) Phenol-d6	6.23	99	439513	42.14	ng	-0.01
23) Nitrobenzene-d5	7.14	82	906515	82.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	376090	130.58	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	1516685	96.37	ng	0.00
78) Terphenyl-d14	12.66	244	1164502	80.58	ng	0.00

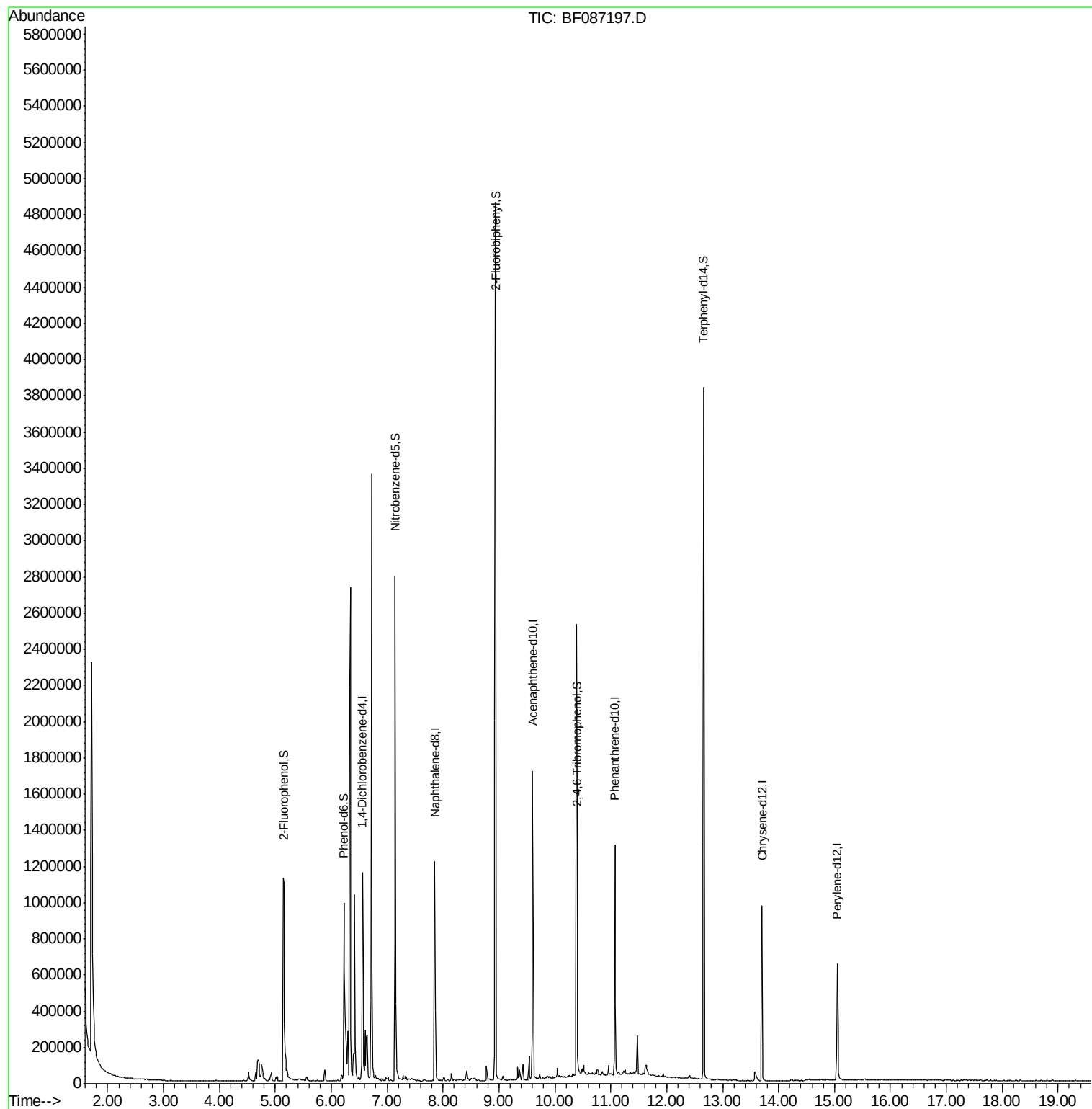
Target Compounds	Qvalue
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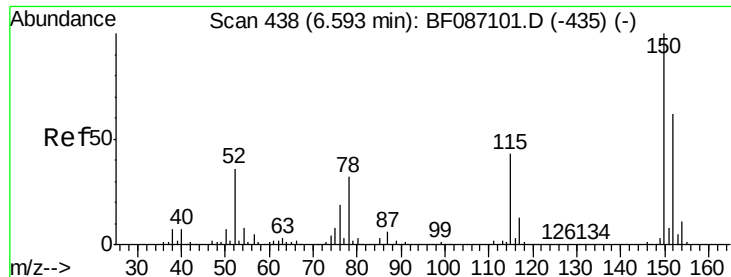
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF087197.D

Acq: 19 May 2016 20:06

Instrument :

BNA_F

ClientSampleId :

MW-1

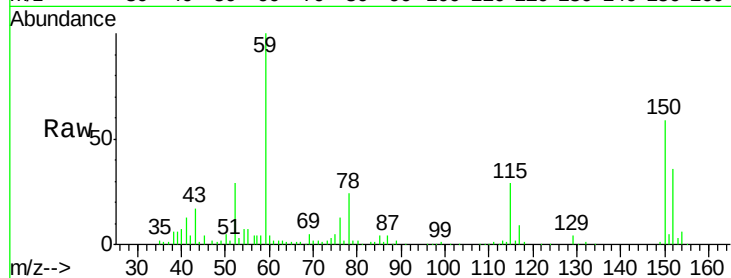
Tgt Ion:152 Resp: 130700

Ion Ratio Lower Upper

152 100

150 161.5 125.8 188.6

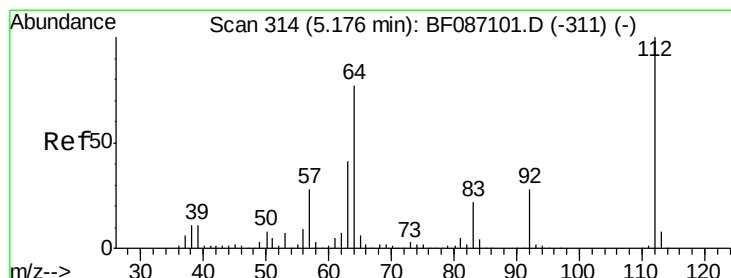
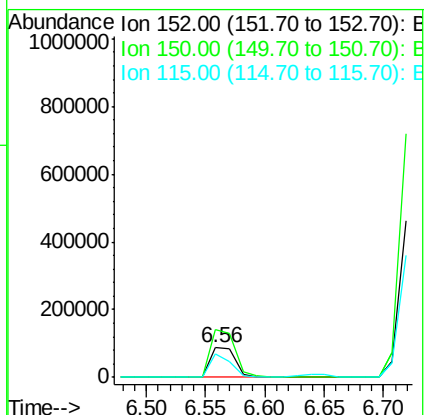
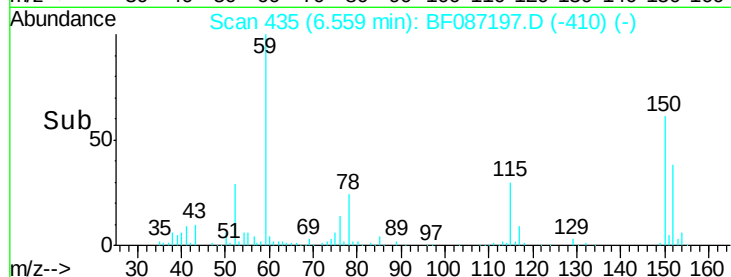
115 80.6 51.5 77.3#



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: 64.58 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF087197.D

Acq: 19 May 2016 20:06

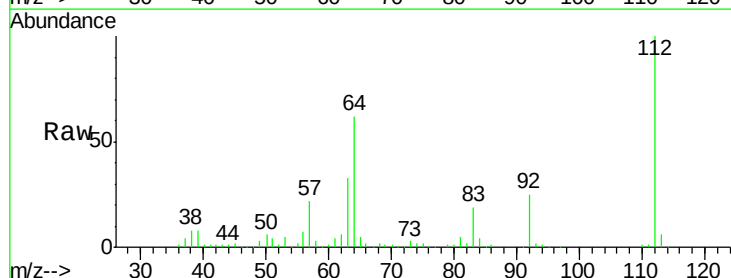
Tgt Ion:112 Resp: 502155

Ion Ratio Lower Upper

112 100

64 62.3 52.1 78.1

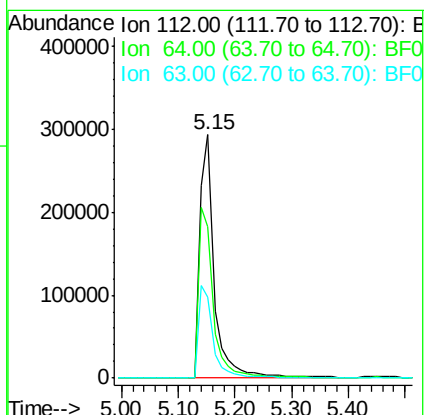
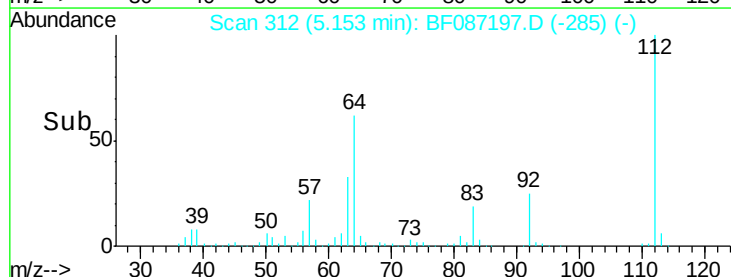
63 33.3 25.7 38.5

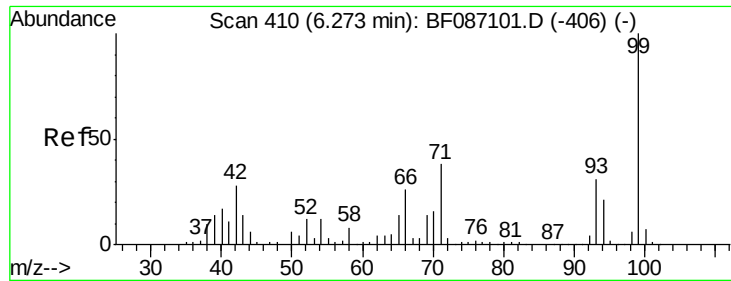


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.14 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087197.D

Acq: 19 May 2016 20:06

Instrument :

BNA_F

ClientSampleId :

MW-1

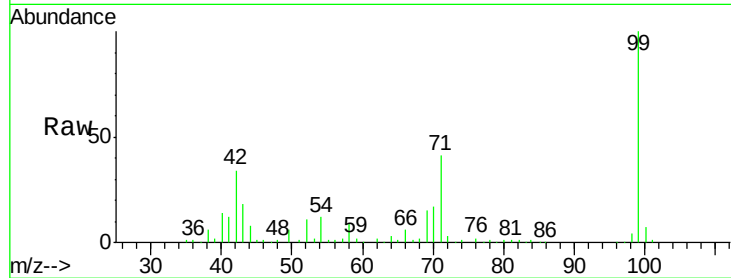
Tgt Ion: 99 Resp: 439513

Ion Ratio Lower Upper

99 100

42 34.1 13.6 20.4#

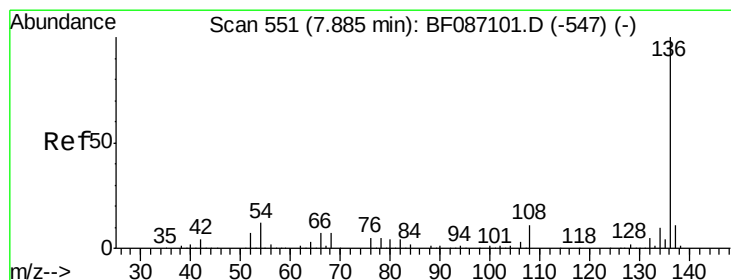
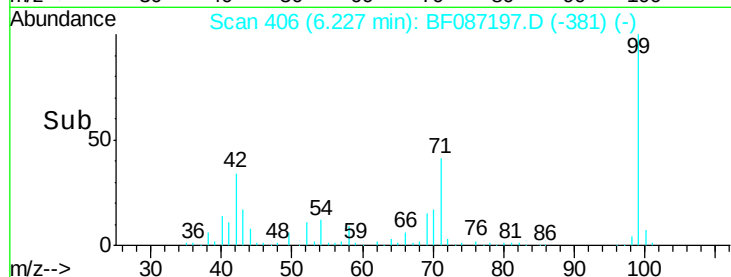
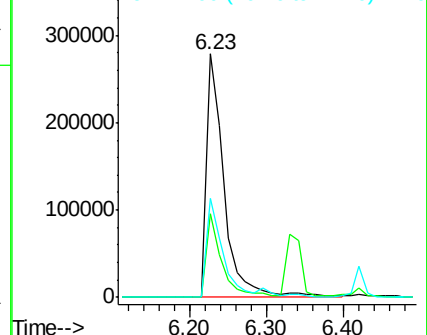
71 40.5 24.6 36.8#



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: 7.85 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF087197.D

Acq: 19 May 2016 20:06

Tgt Ion: 136 Resp: 549250

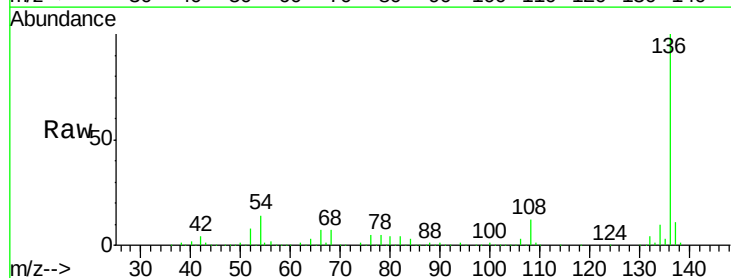
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 13.7 5.0 7.4#

68 7.1 4.4 6.6#

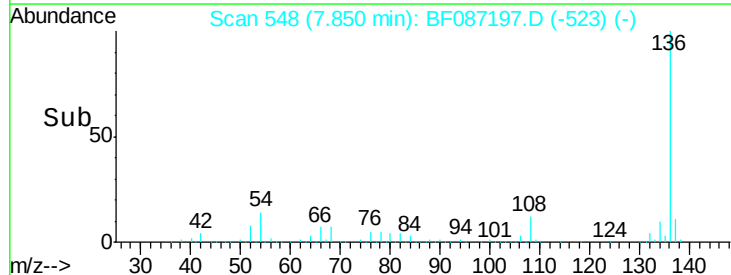
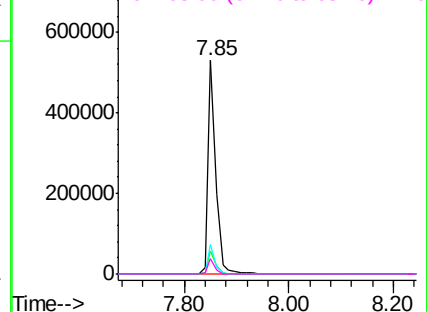


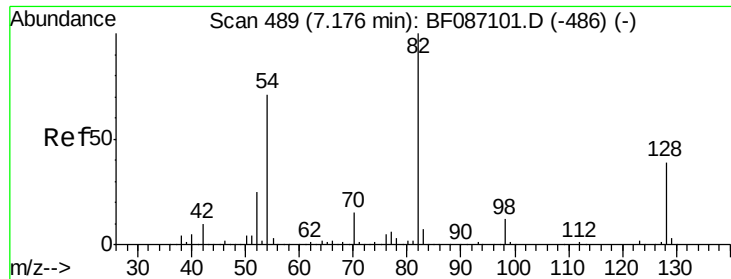
Abundance Ion 136.00 (135.70 to 136.70): E

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

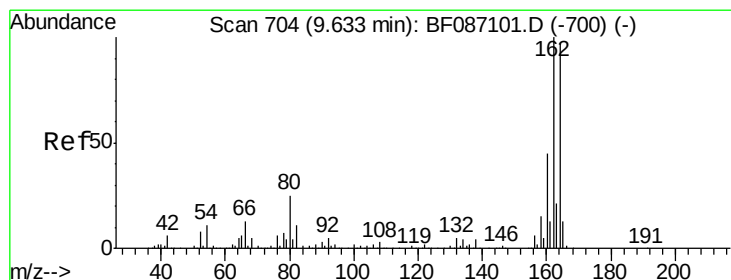
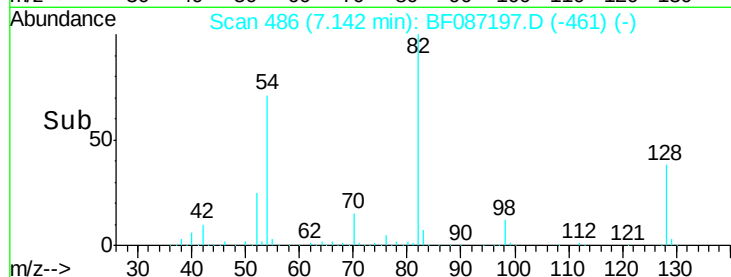
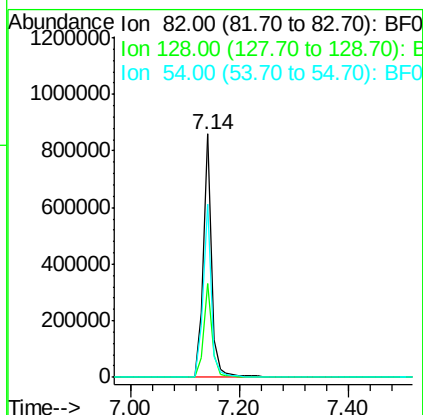
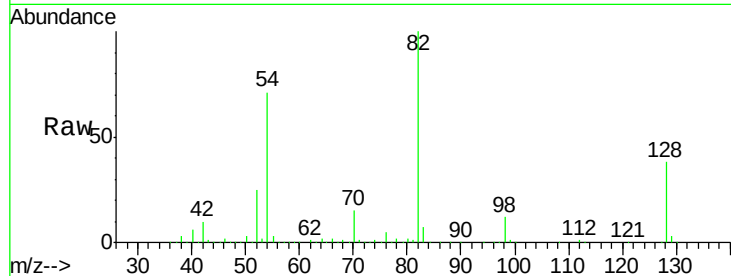




#23
 Nitrobenzene-d5
 Concen: 82.26 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF087197.D
 Acq: 19 May 2016 20:06

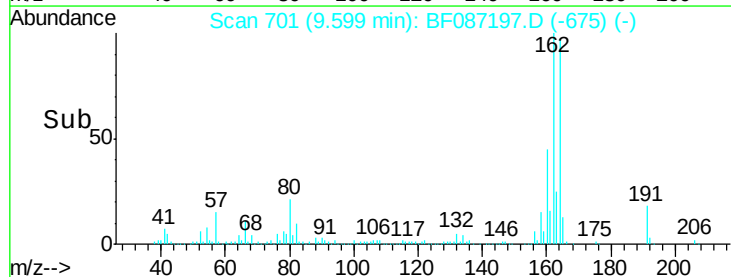
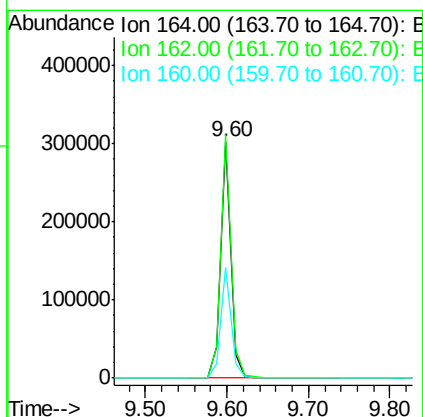
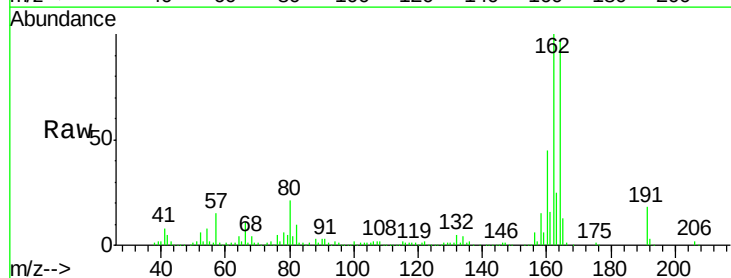
Instrument :
 BNA_F
 ClientSampled :
 MW-1

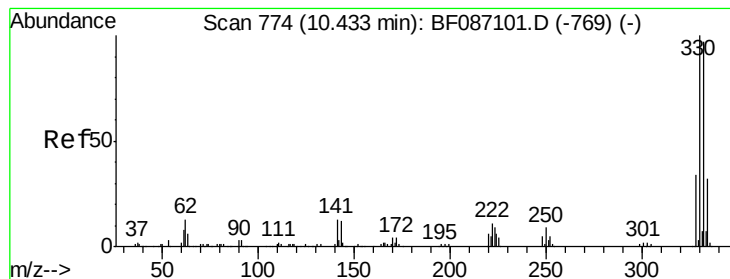
Tgt Ion: 82 Resp: 906515
 Ion Ratio Lower Upper
 82 100
 128 38.5 40.6 61.0#
 54 71.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF087197.D
 Acq: 19 May 2016 20:06

Tgt Ion: 164 Resp: 260639
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 46.8 36.9 55.3

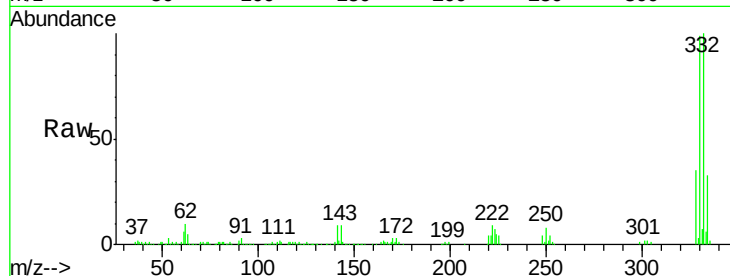




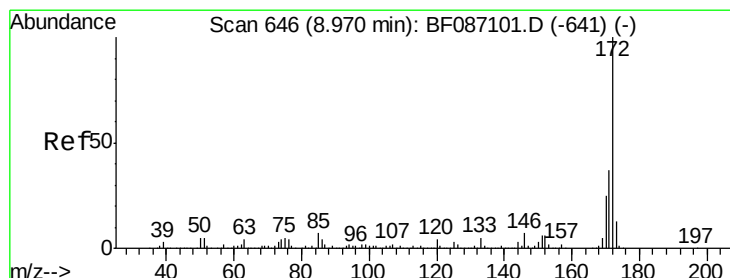
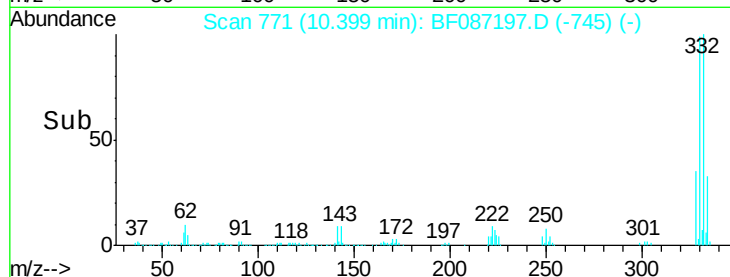
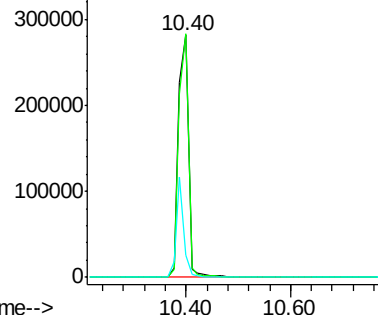
#41
 2,4,6-Tribromophenol
 Concen: 130.58 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF087197.D
 Acq: 19 May 2016 20:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 376090
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 31.4 31.2 46.8

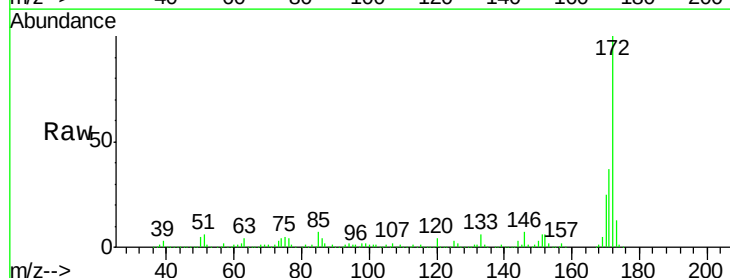


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

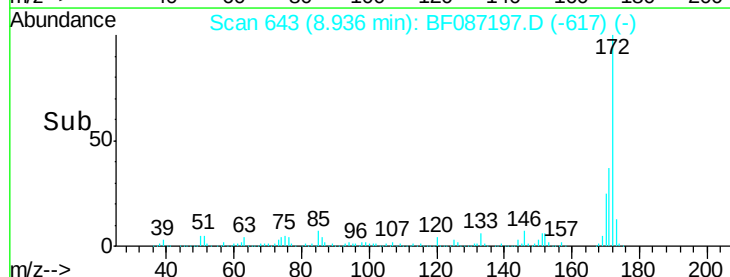
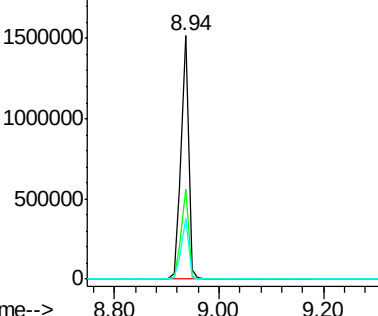


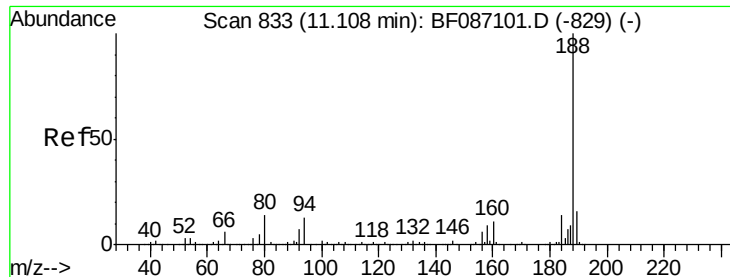
#44
 2-Fluorobiphenyl
 Concen: 96.37 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF087197.D
 Acq: 19 May 2016 20:06

Tgt Ion:172 Resp: 1516685
 Ion Ratio Lower Upper
 172 100
 171 37.0 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

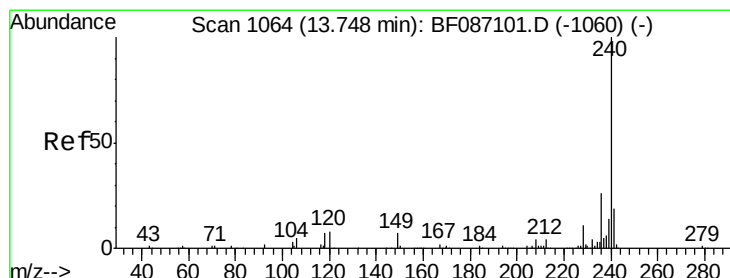
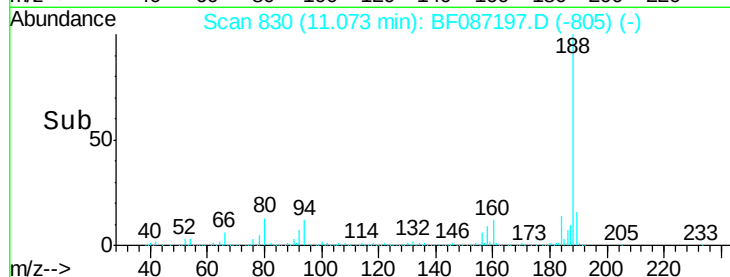
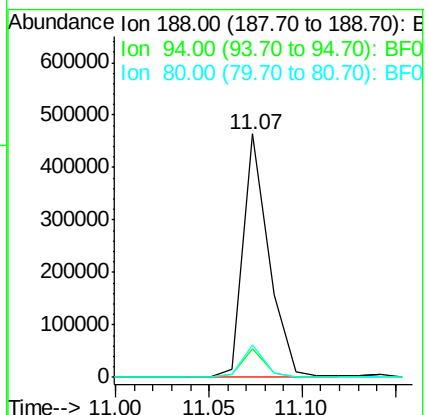
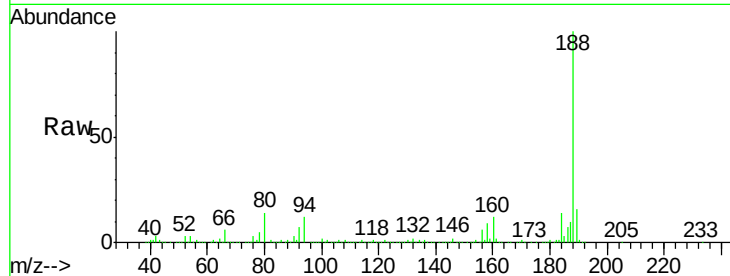




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF087197.D
Acq: 19 May 2016 20:06

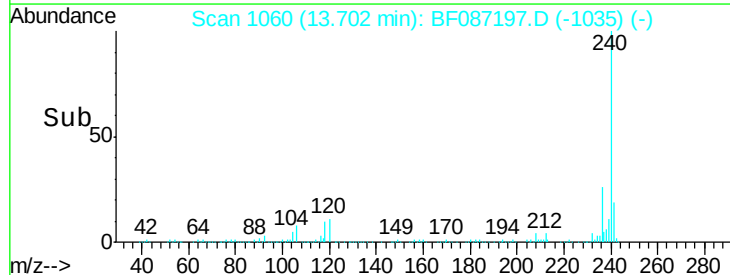
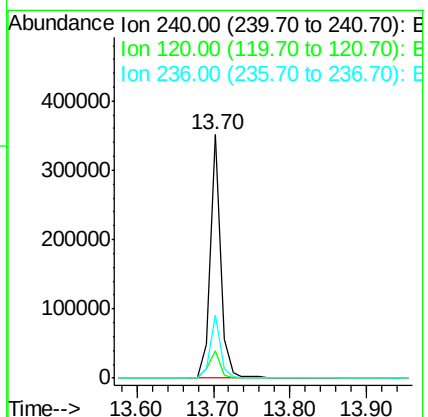
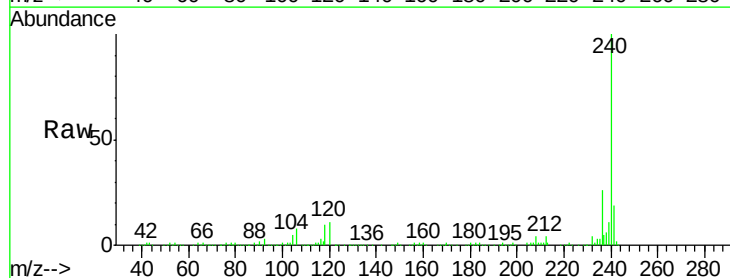
Instrument :
BNA_F
ClientSampleId :
MW-1

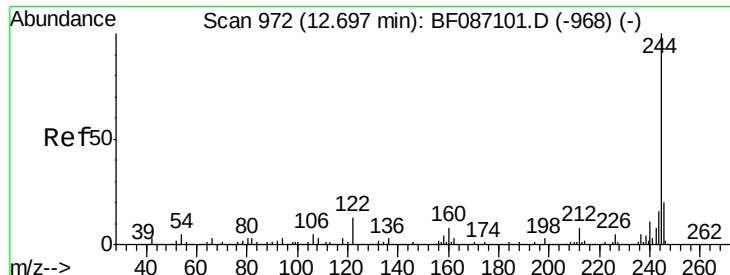
Tgt Ion:188 Resp: 449095
Ion Ratio Lower Upper
188 100
94 11.8 6.8 10.2#
80 13.5 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF087197.D
Acq: 19 May 2016 20:06

Tgt Ion:240 Resp: 326923
Ion Ratio Lower Upper
240 100
120 11.4 11.2 16.8
236 26.0 21.2 31.8

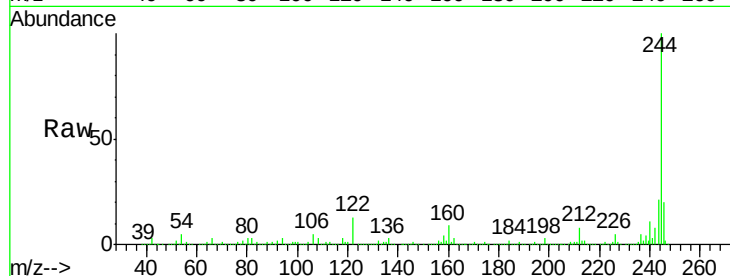




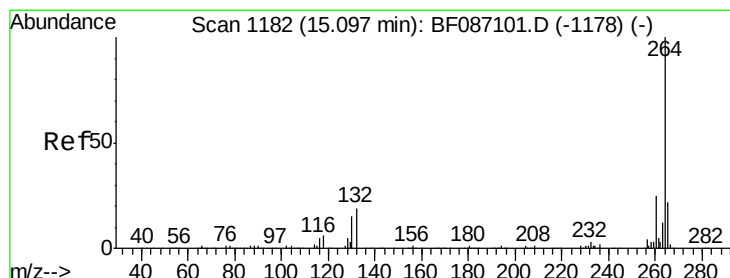
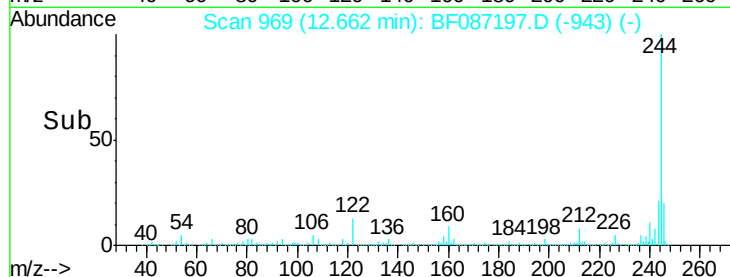
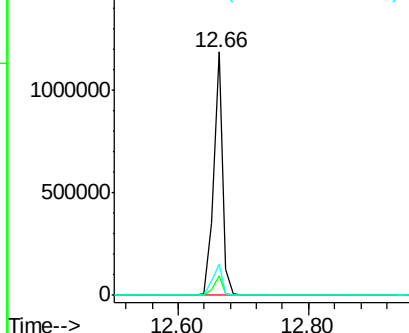
#78
 Terphenyl-d14
 Concen: 80.58 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF087197.D
 Acq: 19 May 2016 20:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 1164502
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 12.9 12.0 18.0

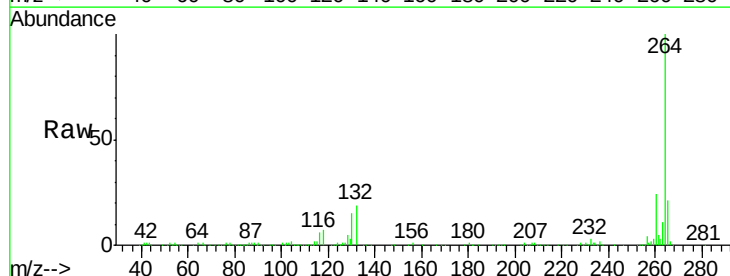


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF087197.D
 Acq: 19 May 2016 20:06

Tgt Ion:264 Resp: 275163
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.4 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

