

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087594.D
 Acq On : 31 May 2016 22:33
 Operator : UM/SJ
 Sample : H3222-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Jun 01 03:57:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 01 03:17:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	120258	20.00	ng	0.00
21) Naphthalene-d8	9.48	136	507430	20.00	ng	0.01
38) Acenaphthene-d10	12.30	164	249324	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	494098	20.00	ng	0.00
75) Chrysene-d12	18.43	240	438583	20.00	ng	0.01
86) Perylene-d12	20.11	264	329331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	509843	74.50	ng	0.01
7) Phenol-d6	7.02	99	419299	45.34	ng	0.00
23) Nitrobenzene-d5	8.36	82	1002565	99.58	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	370521	154.65	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	1695322	95.86	ng	-0.01
78) Terphenyl-d14	17.06	244	1496391	72.54	ng	0.00

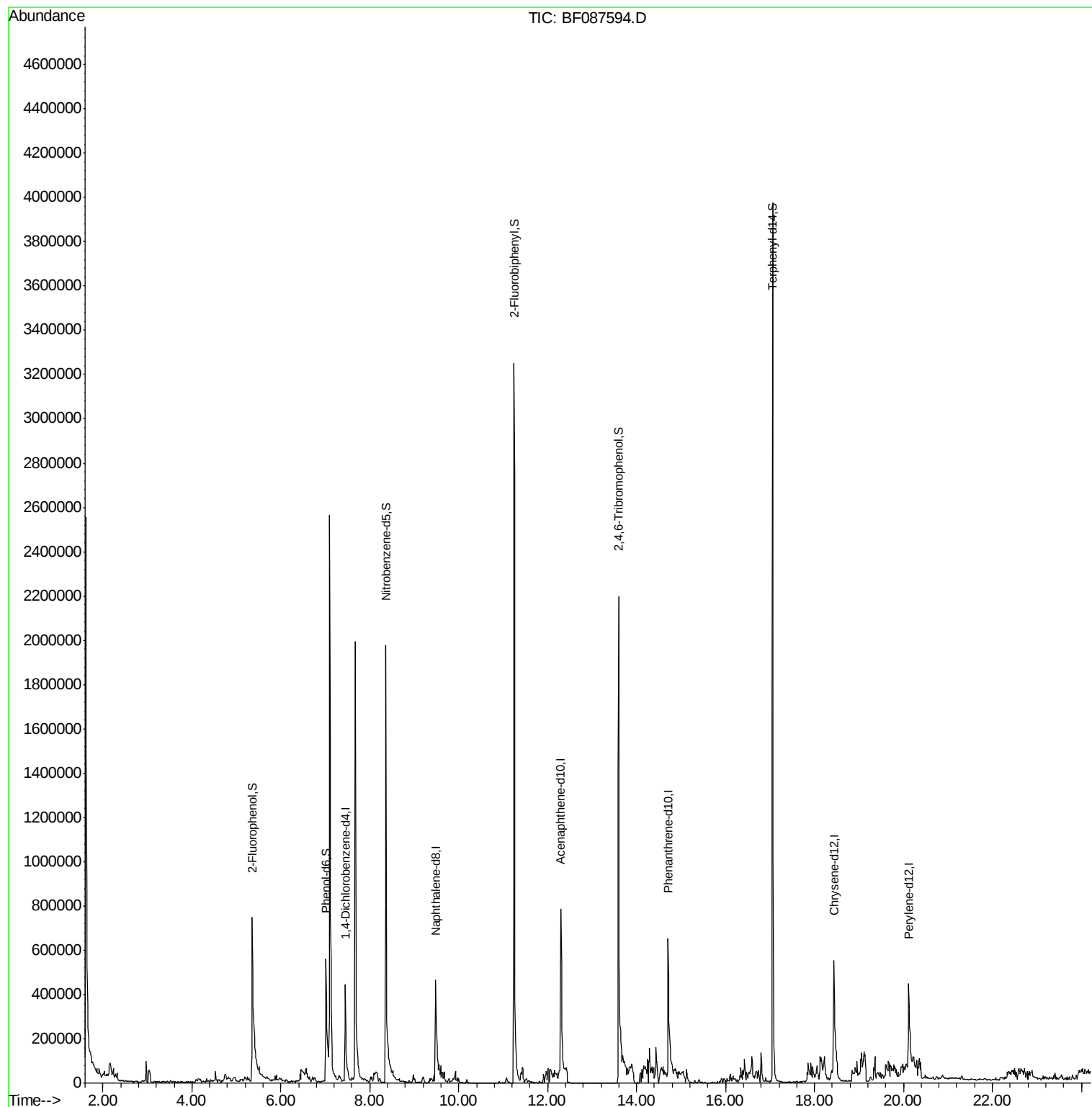
Target Compounds Qvalue

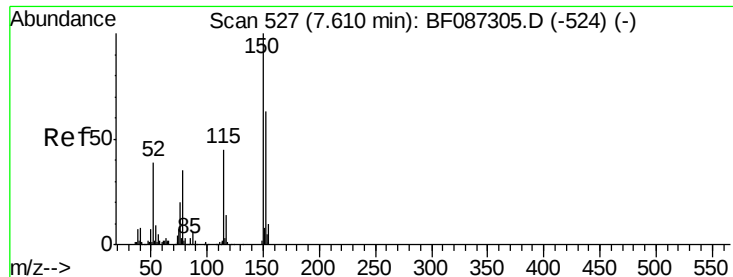
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087594.D
Acq On : 31 May 2016 22:33
Operator : UM/SJ
Sample : H3222-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19

Quant Time: Jun 01 03:57:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 03:17:16 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

Instrument :

BNA_F

ClientSampleId :

MW-19

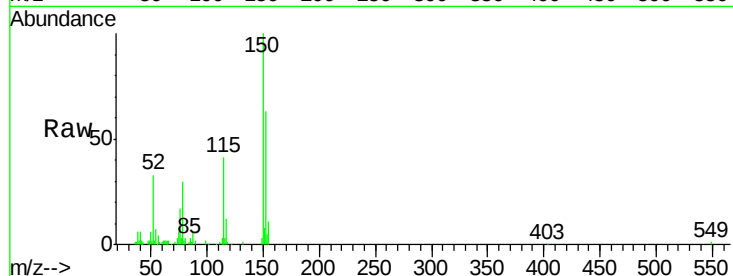
Tot Ion:152 Resp: 120258

Ion Ratio Lower Upper

152 100

150 158.0 125.8 188.6

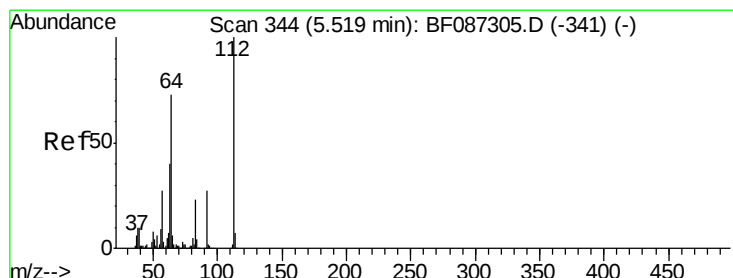
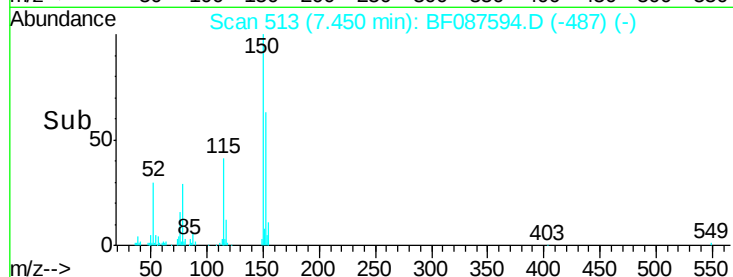
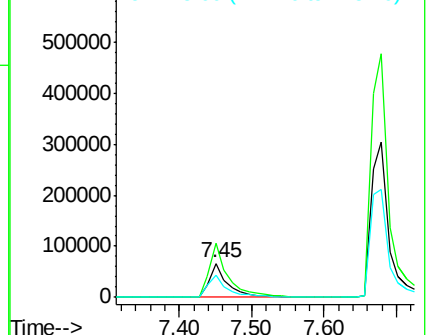
115 64.7 51.5 77.3



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: 74.50 ng

RT: 5.36 min Scan# 330

Delta R.T. 0.01 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

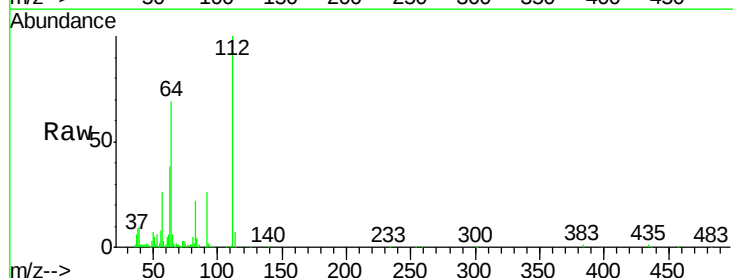
Tgt Ion:112 Resp: 509843

Ion Ratio Lower Upper

112 100

64 69.5 52.1 78.1

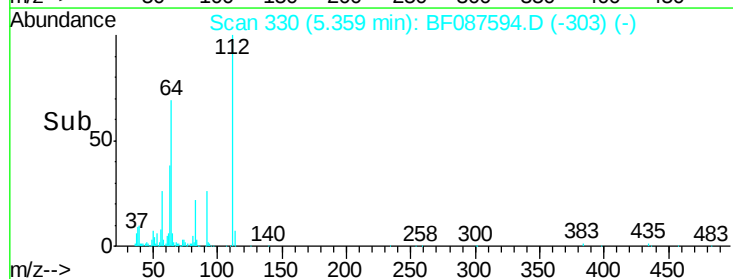
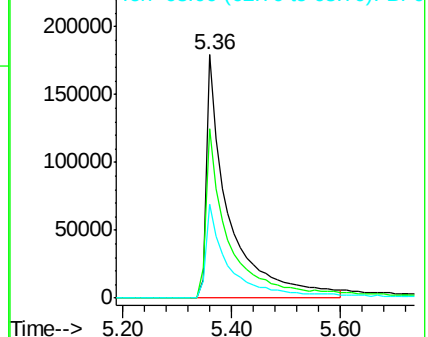
63 38.5 25.7 38.5

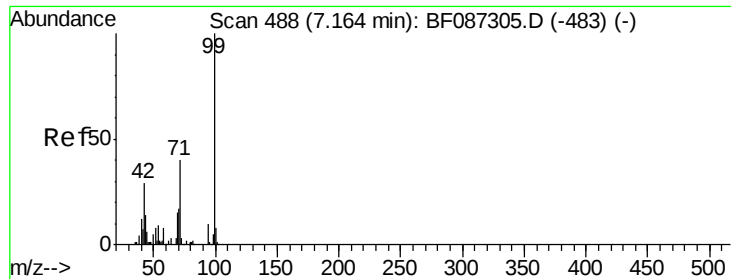


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.34 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

Instrument :

BNA_F

ClientSampleId :

MW-19

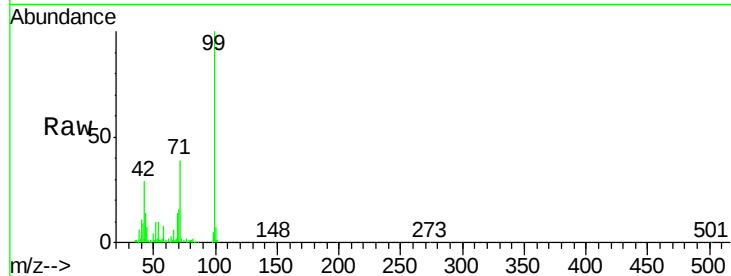
Tot Ion: 99 Resp: 419299

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

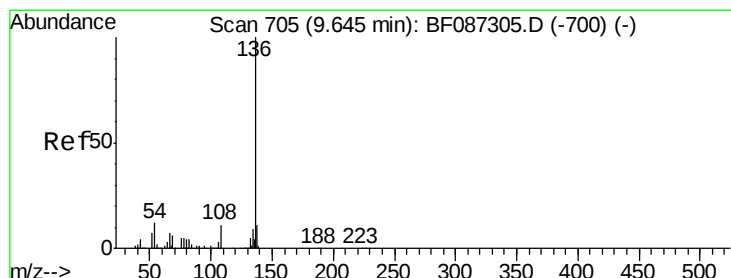
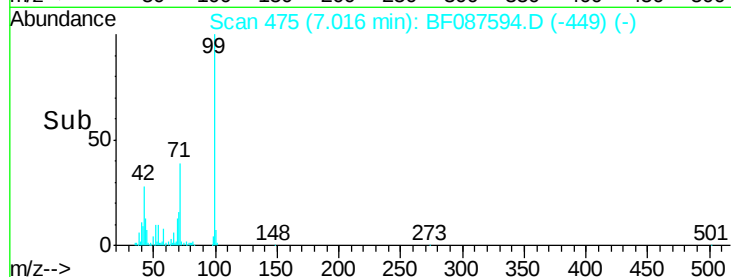
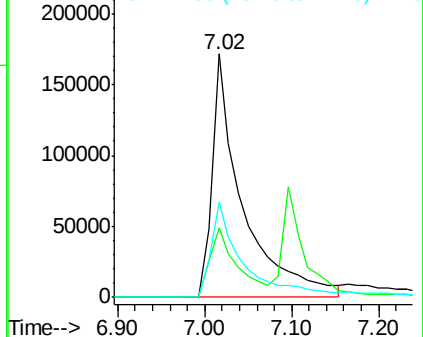
71 39.0 24.6 36.8#



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: 9.48 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

Tgt Ion: 136 Resp: 507430

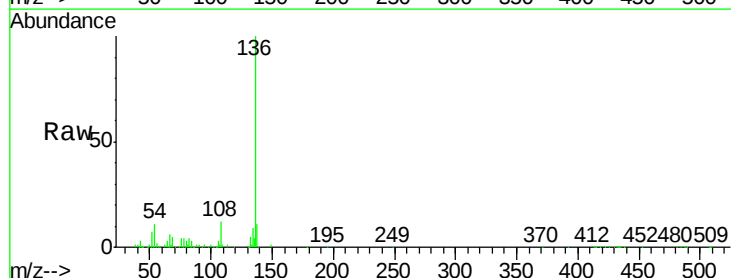
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.8 5.0 7.4#

68 5.3 4.4 6.6

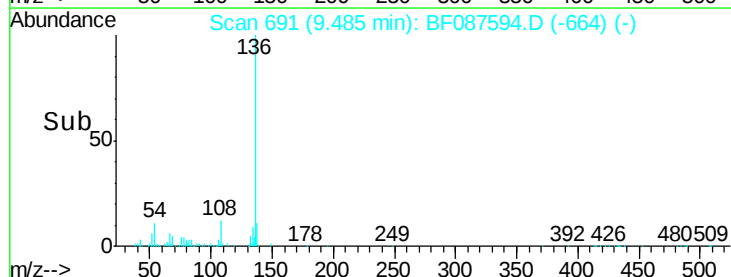
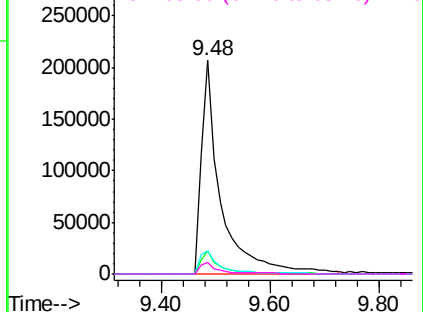


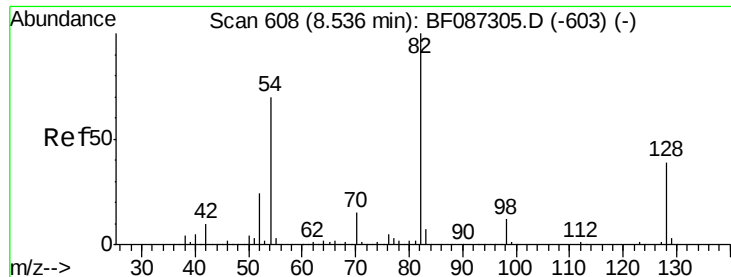
Abundance Ion 136.00 (135.70 to 136.70): E

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

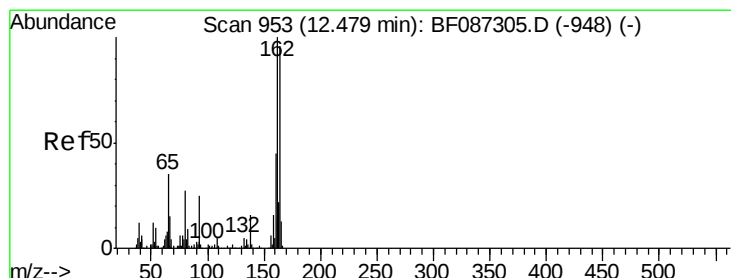
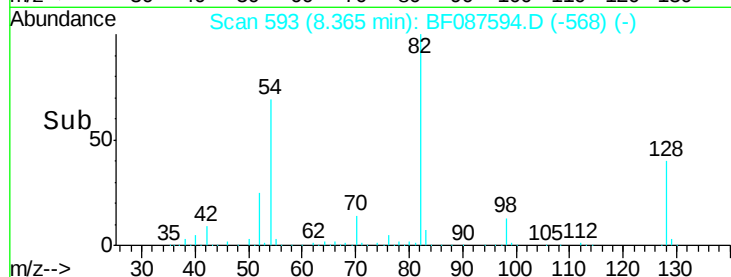
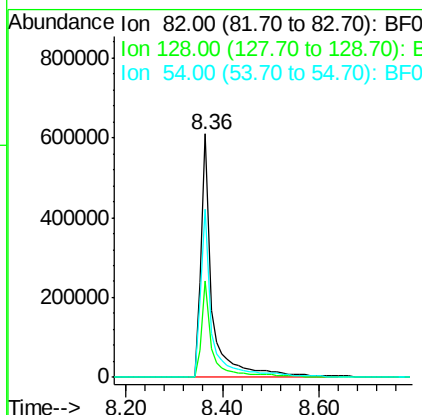
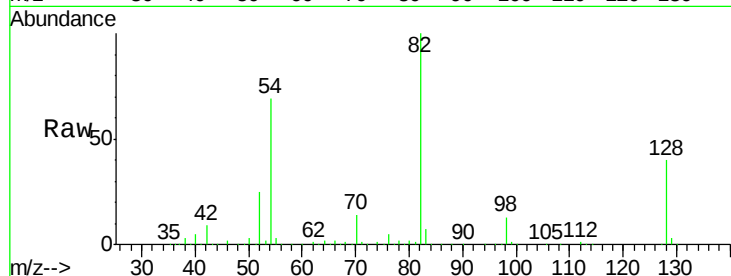




#23
Nitrobenzene-d5
Concen: 99.58 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF087594.D
Acq: 31 May 2016 22:33

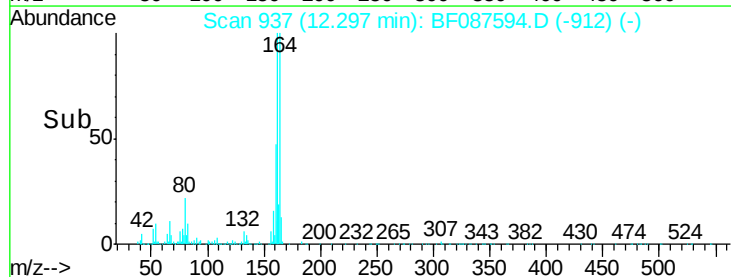
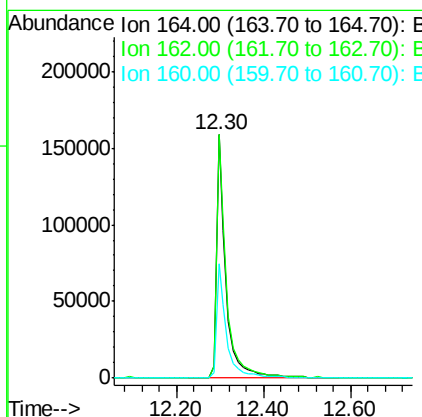
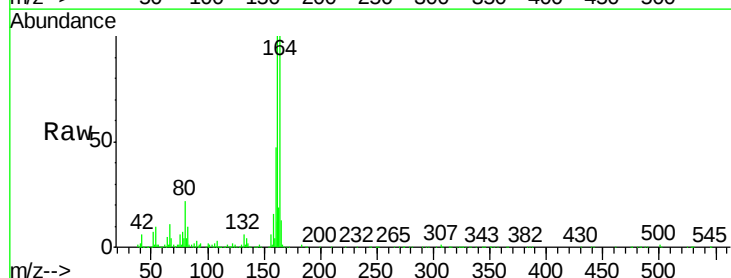
Instrument :
BNA_F
ClientSampleId :
MW-19

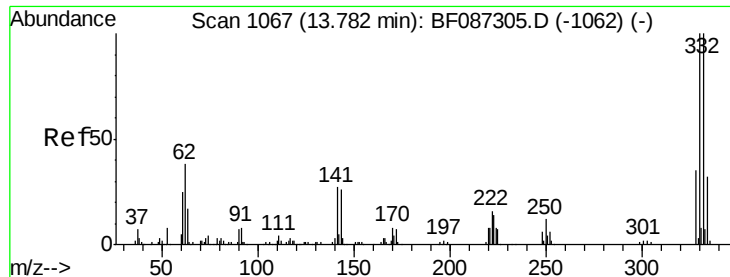
Tot Ion: 82 Resp: 1002565
Ion Ratio Lower Upper
82 100
128 39.9 40.6 61.0#
54 69.2 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF087594.D
Acq: 31 May 2016 22:33

Tgt Ion: 164 Resp: 249324
Ion Ratio Lower Upper
164 100
162 100.1 82.8 124.2
160 47.0 36.9 55.3

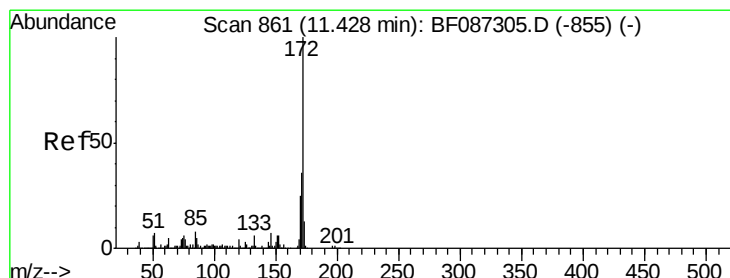
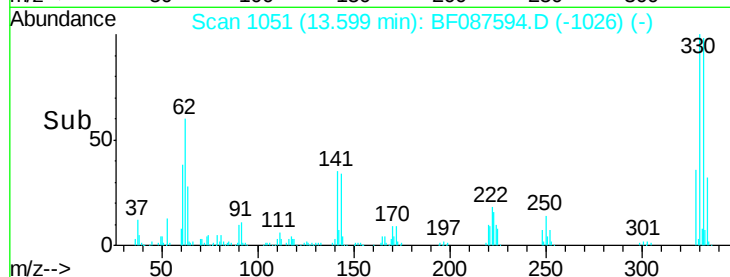
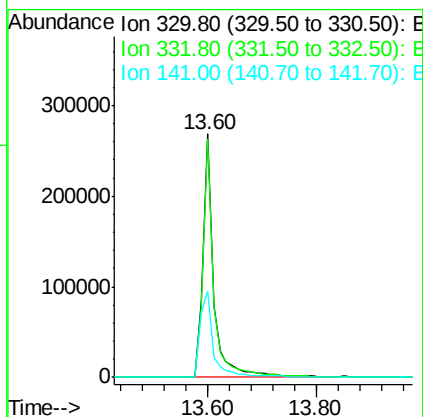
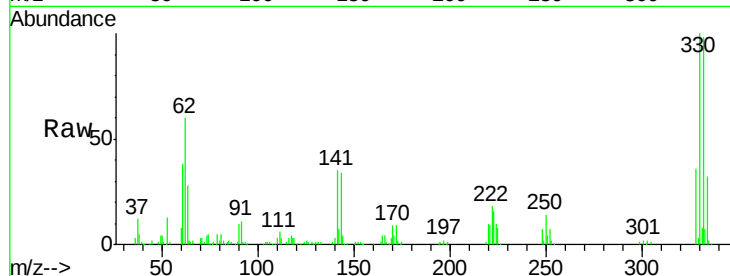




#41
 2,4,6-Tribromophenol
 Concen: 154.65 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF087594.D
 Acq: 31 May 2016 22:33

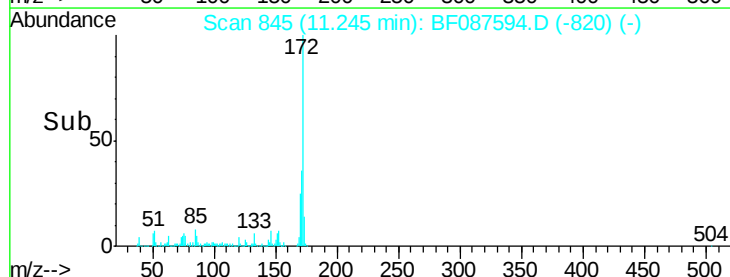
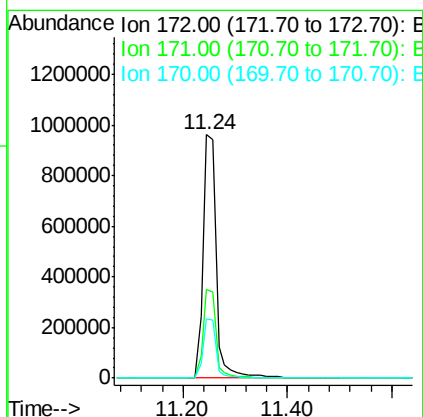
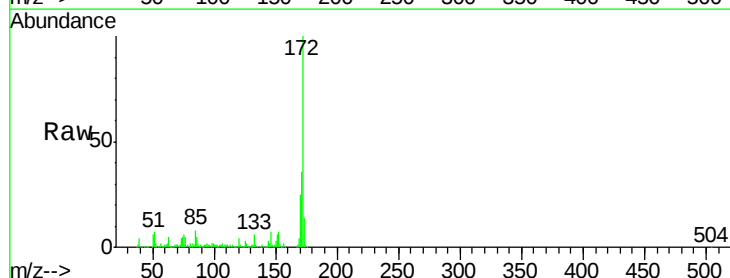
Instrument :
 BNA_F
 ClientSampleId :
 MW-19

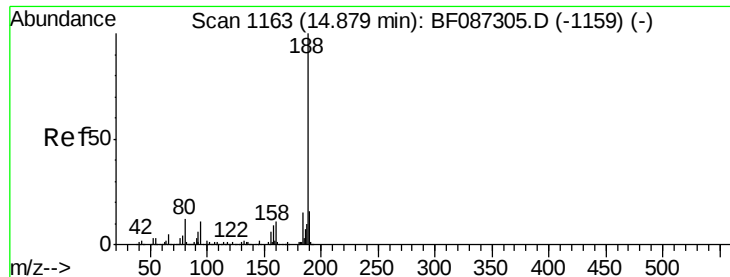
Tot Ion:330 Resp: 370521
 Ion Ratio Lower Upper
 330 100
 332 97.4 79.0 118.4
 141 43.7 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 95.86 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF087594.D
 Acq: 31 May 2016 22:33

Tgt Ion:172 Resp: 1695322
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.6 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

Instrument :

BNA_F

ClientSampleId :

MW-19

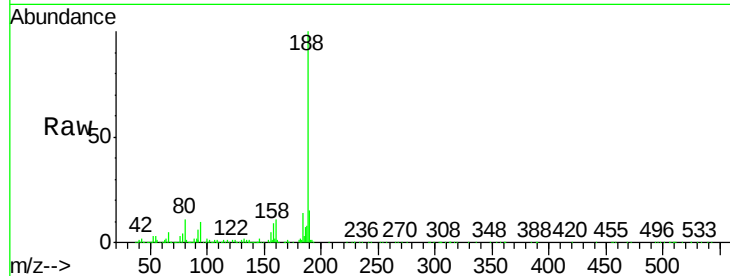
Tot Ion:188 Resp: 494098

Ion Ratio Lower Upper

188 100

94 10.5 6.8 10.2#

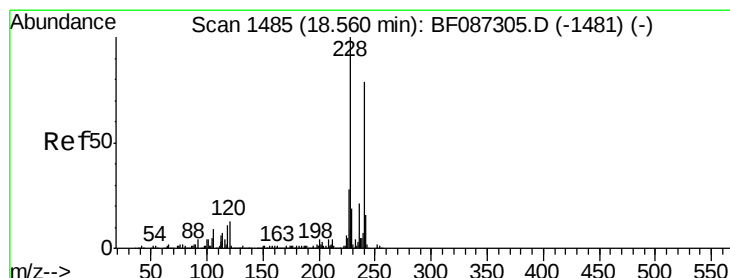
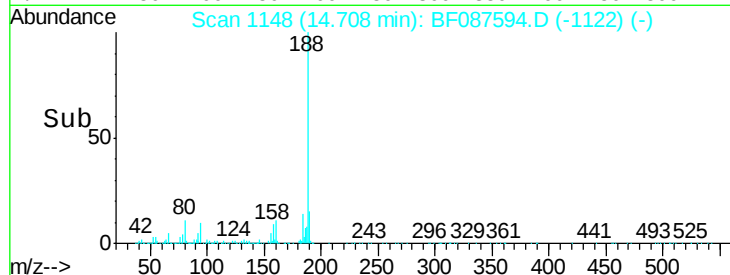
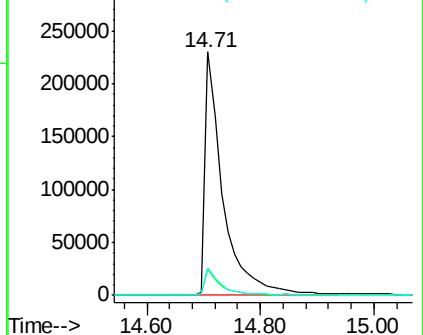
80 11.3 7.1 10.7#



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: 18.43 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

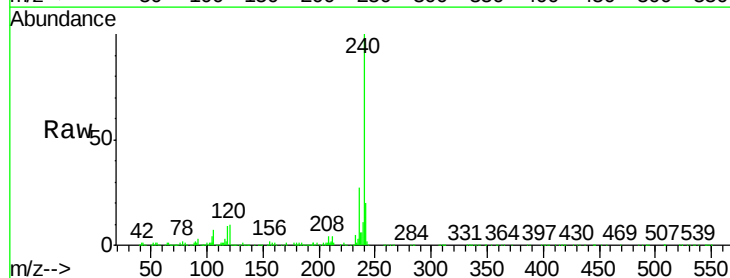
Tgt Ion:240 Resp: 438583

Ion Ratio Lower Upper

240 100

120 10.1 11.2 16.8#

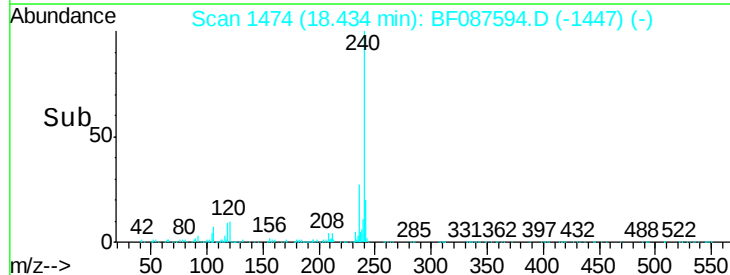
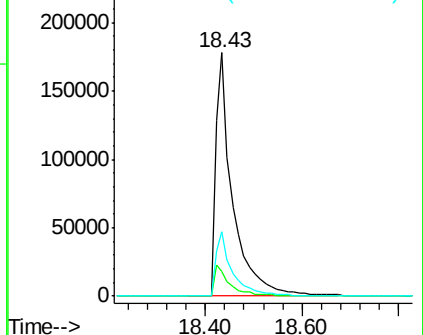
236 26.6 21.2 31.8

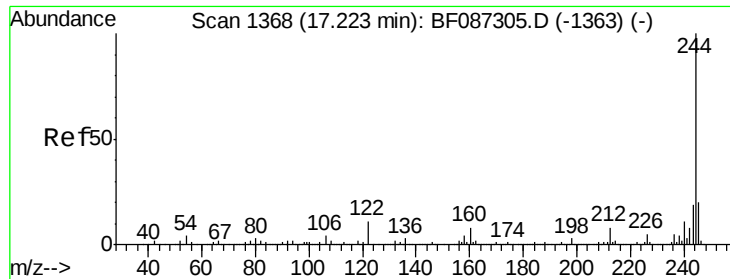


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.54 ng

RT: 17.06 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

Instrument :

BNA_F

ClientSampleId :

MW-19

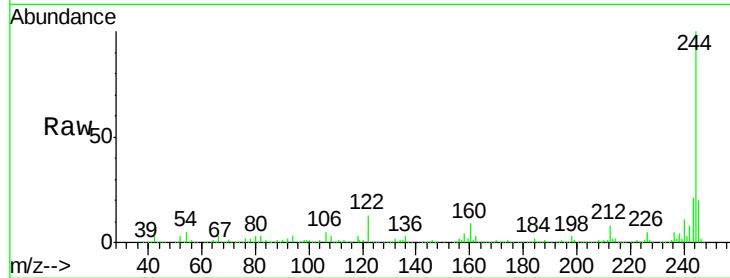
Tot Ion:244 Resp: 1496391

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

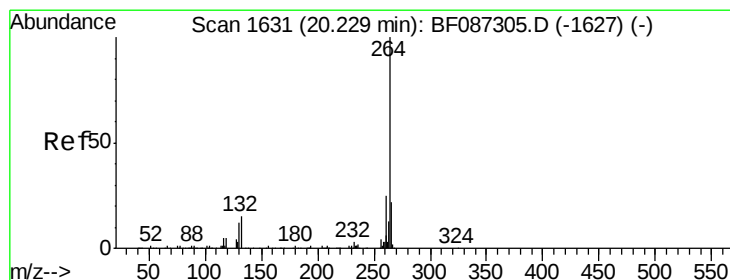
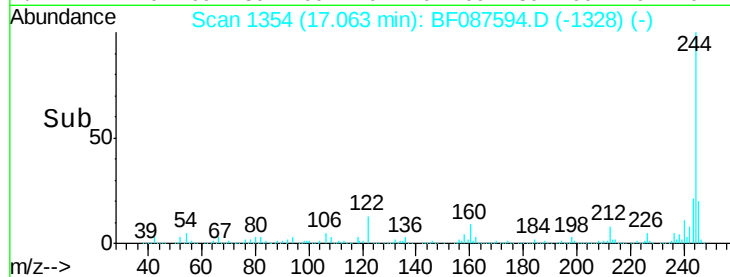
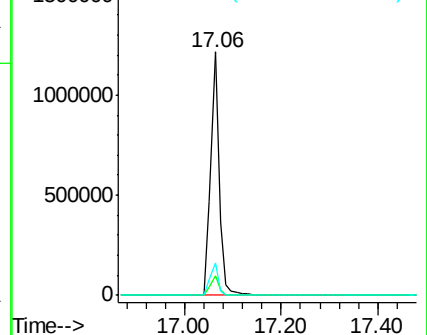
122 13.1 12.0 18.0



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. 0.00 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

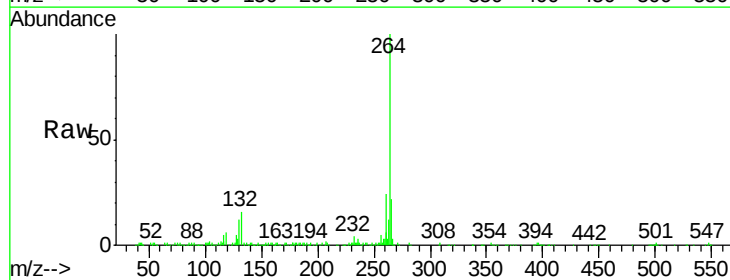
Tgt Ion:264 Resp: 329331

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.6 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

