

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087294.D
 Acq On : 22 May 2016 16:48
 Operator : UM/SJ
 Sample : H3172-11
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: May 23 04:27:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 03:47:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	132589	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	562448	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	266797	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	449979	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	305891	20.00	ng	-0.01
86) Perylene-d12	15.05	264	242596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	615200	77.99	ng	0.00
7) Phenol-d6	6.23	99	519527	49.11	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1173703	104.00	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	414971	140.75	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1649384	102.39	ng	0.00
78) Terphenyl-d14	12.65	244	1336524	98.84	ng	0.00

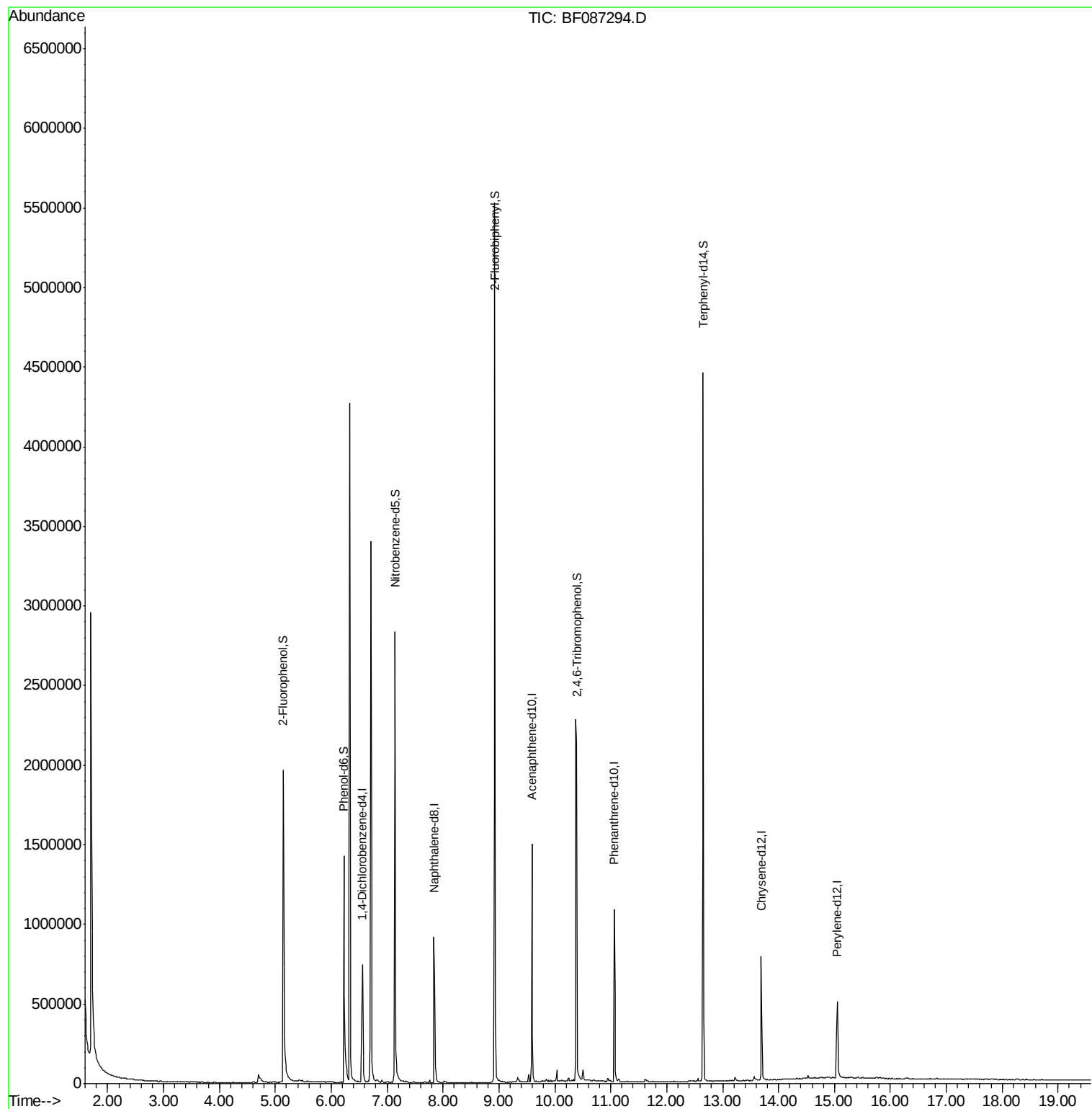
Target Compounds Qvalue

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

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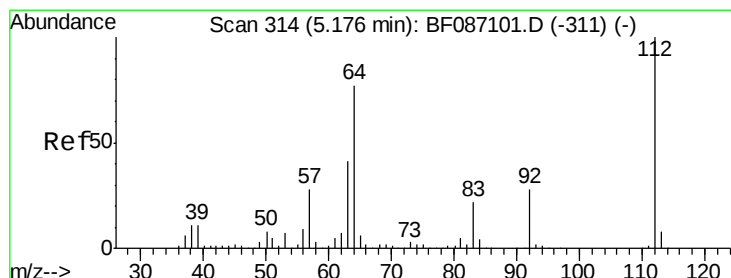
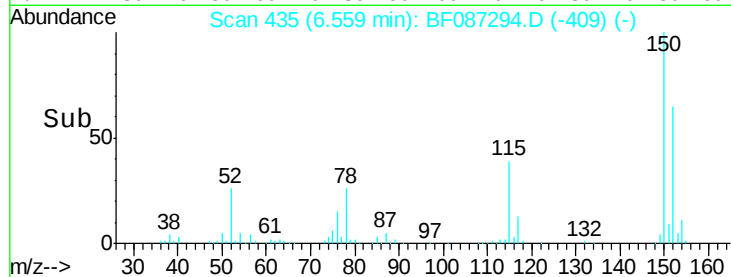
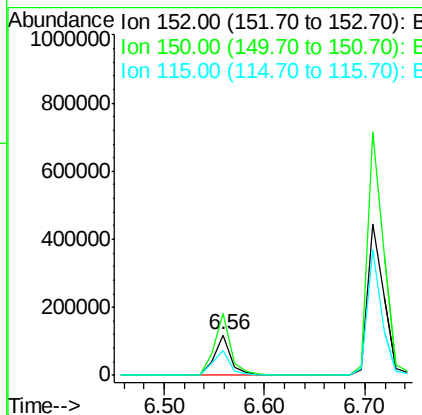
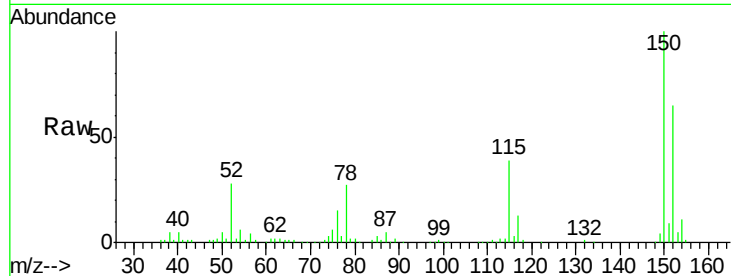


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Instrument :
BNA_F
ClientSampleId :
MW-03

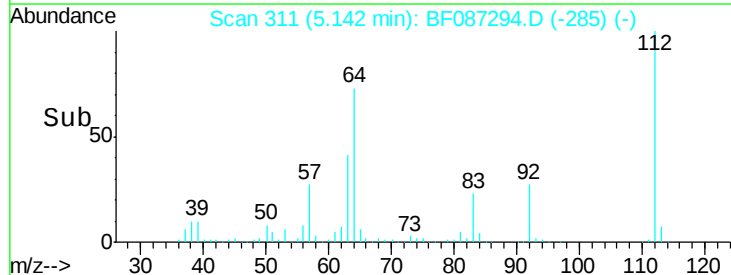
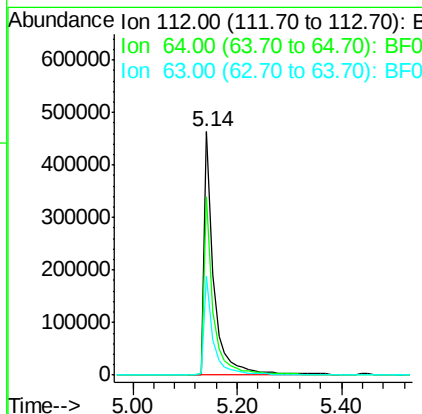
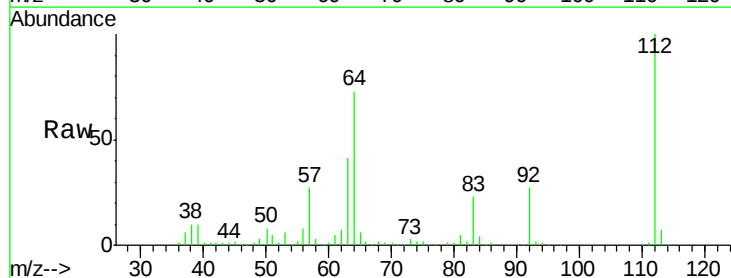
Tot Ion:152 Resp: 132589
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 60.6 51.5 77.3



#5

2-Fluorophenol
Concen: 77.99 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Tgt Ion:112 Resp: 615200
Ion Ratio Lower Upper
112 100
64 73.2 52.1 78.1
63 40.8 25.7 38.5#





#7

Phenol-d6

Concen: 49.11 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087294.D

Acq: 22 May 2016 16:48

Instrument :

BNA_F

ClientSampled :

MW-03

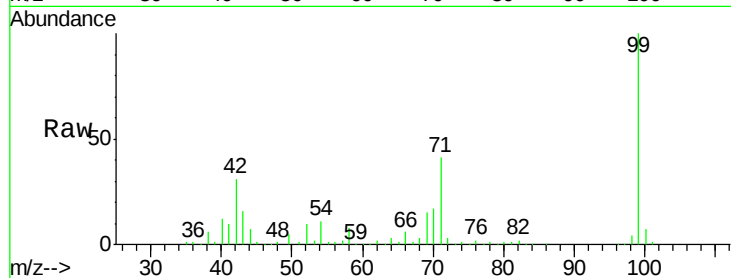
Tot Ion: 99 Resp: 519527

Ion Ratio Lower Upper

99 100

42 31.2 13.6 20.4#

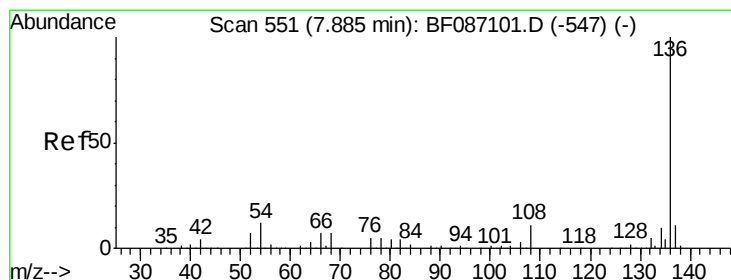
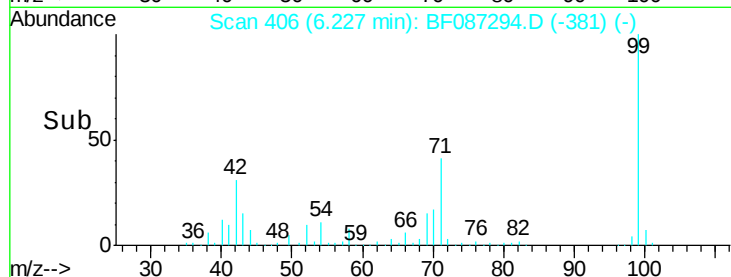
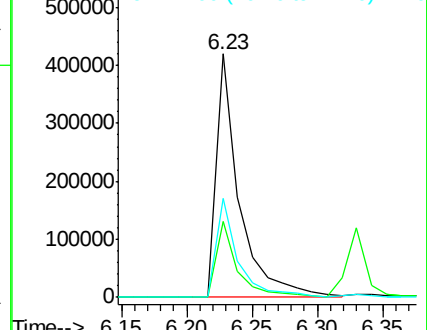
71 40.6 24.6 36.8#



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: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087294.D

Acq: 22 May 2016 16:48

Tgt Ion: 136 Resp: 562448

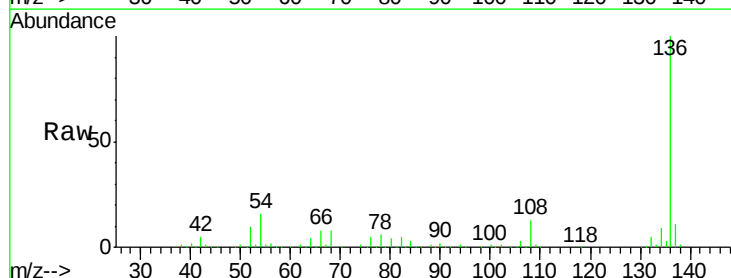
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 16.2 5.0 7.4#

68 7.6 4.4 6.6#

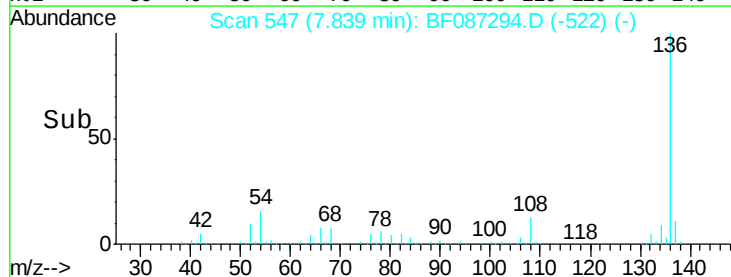
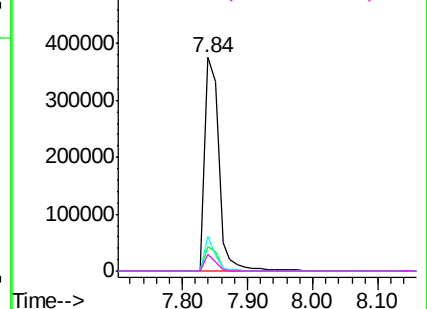


Abundance Ion 136.00 (135.70 to 136.70): E

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

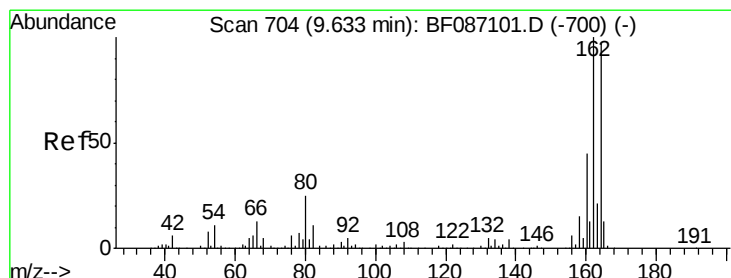
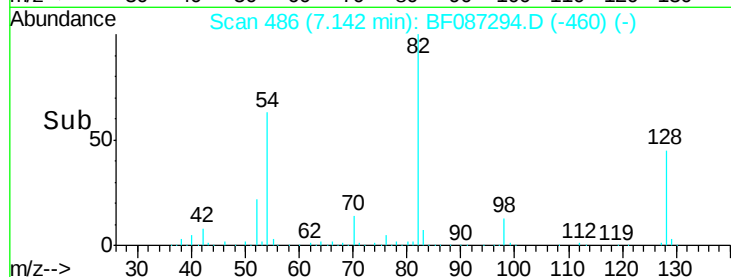
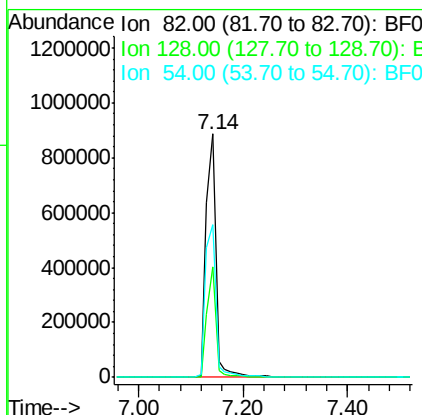
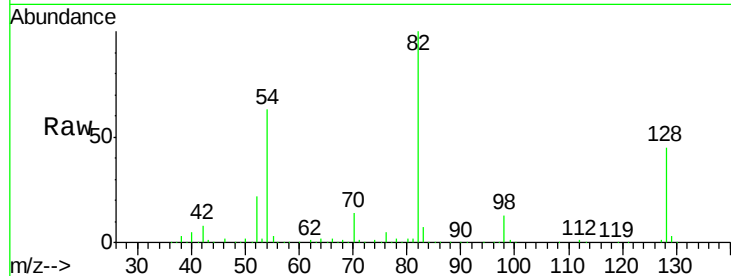




#23
 Nitrobenzene-d5
 Concen: 104.00 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087294.D
 Acq: 22 May 2016 16:48

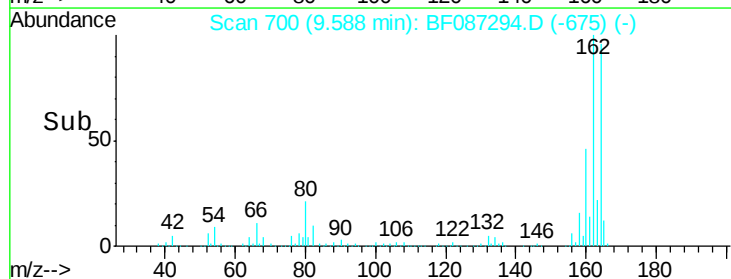
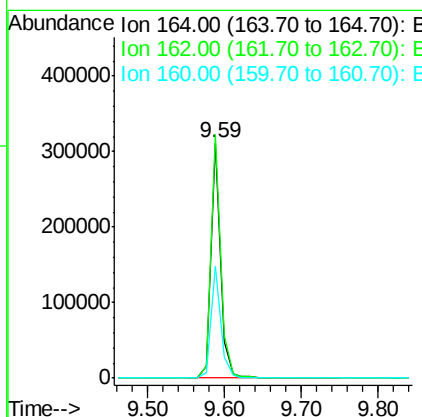
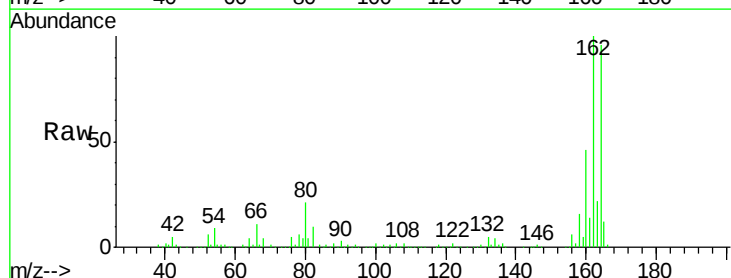
Instrument :
 BNA_F
 ClientSampleID :
 MW-03

Tot Ion: 82 Resp: 1173703
 Ion Ratio Lower Upper
 82 100
 128 45.5 40.6 61.0
 54 62.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF087294.D
 Acq: 22 May 2016 16:48

Tgt Ion: 164 Resp: 266797
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.8 124.2
 160 47.6 36.9 55.3

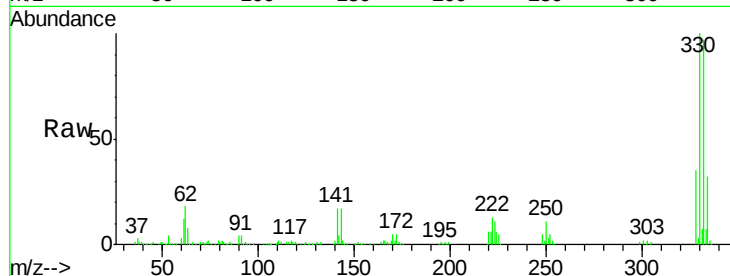




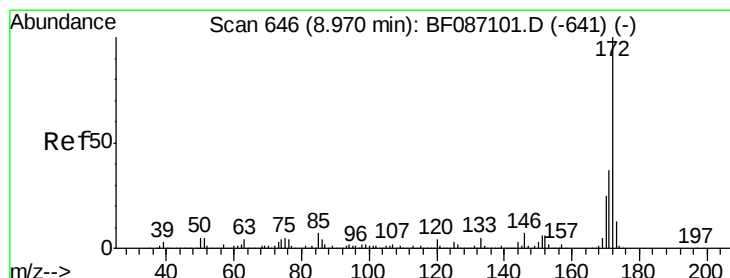
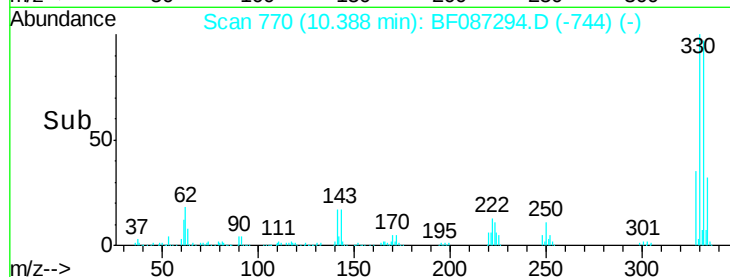
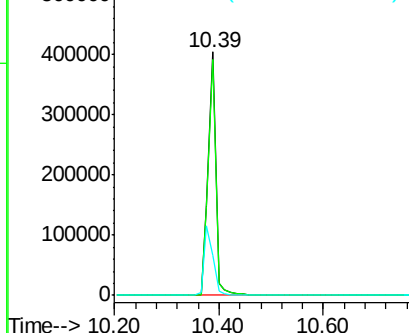
#41
 2,4,6-Tribromophenol
 Concen: 140.75 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087294.D
 Acq: 22 May 2016 16:48

Instrument :
 BNA_F
 ClientSampled :
 MW-03

Tot Ion:330 Resp: 414971
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 34.5 31.2 46.8

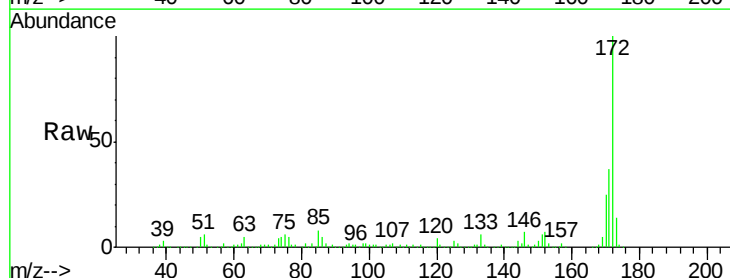


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

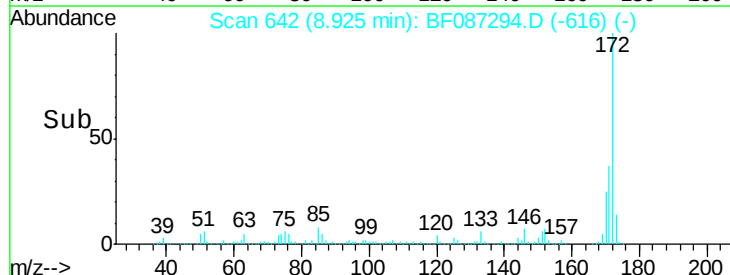
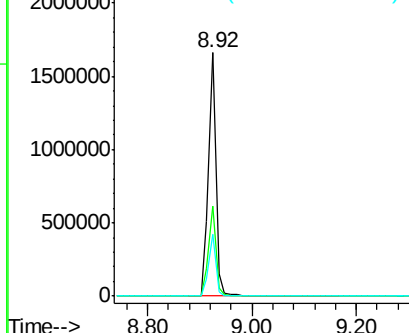


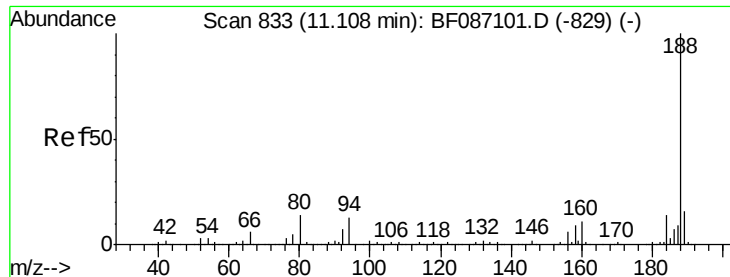
#44
 2-Fluorobiphenyl
 Concen: 102.39 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087294.D
 Acq: 22 May 2016 16:48

Tgt Ion:172 Resp: 1649384
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.0 43.6
 170 25.2 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

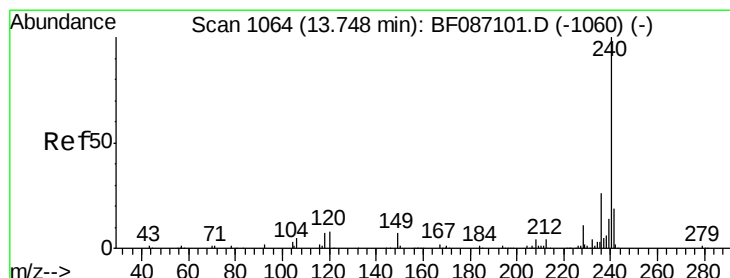
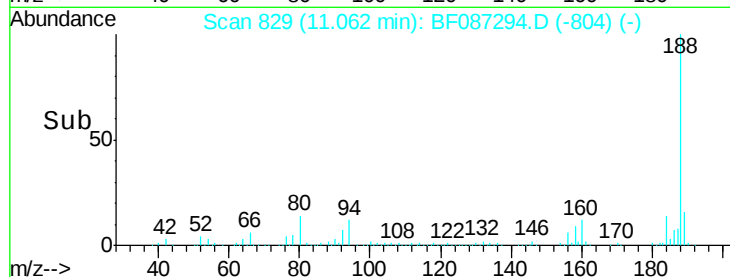
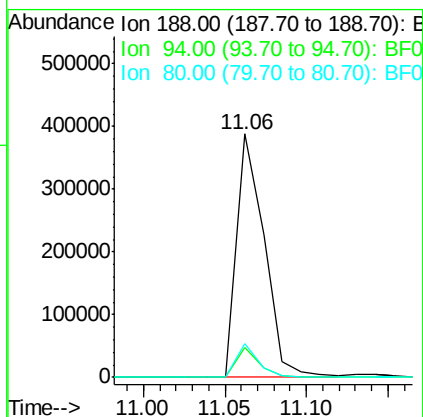
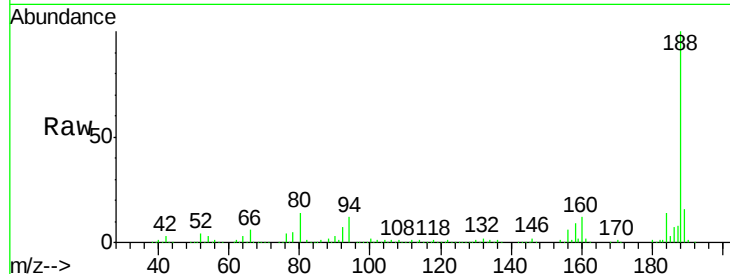




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

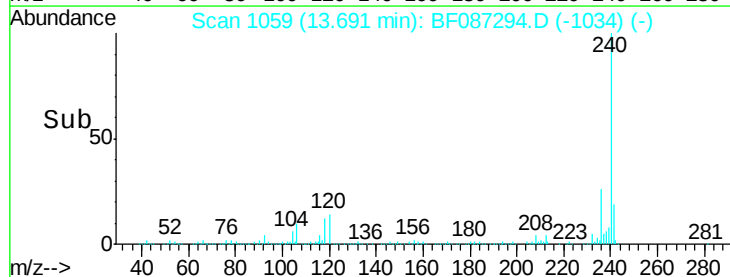
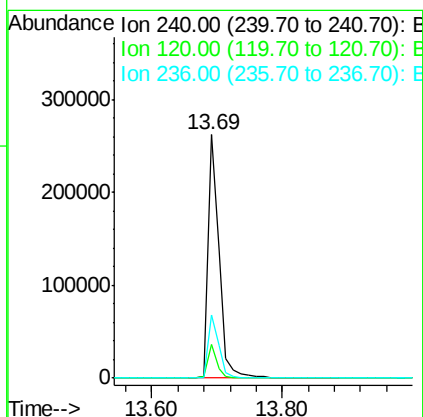
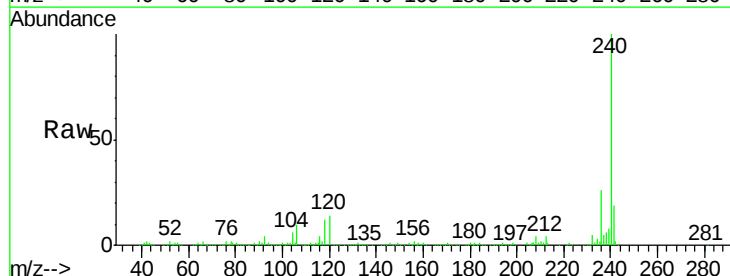
Instrument :
BNA_F
ClientSampled :
MW-03

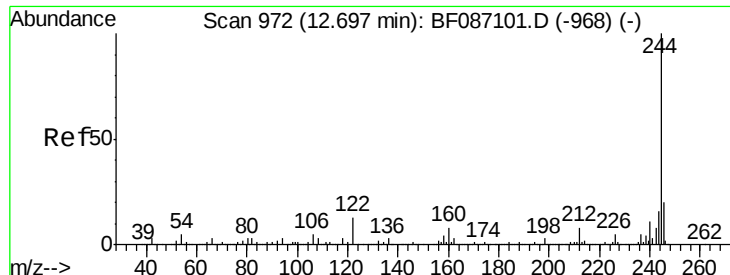
Tot Ion:188 Resp: 449979
Ion Ratio Lower Upper
188 100
94 12.3 6.8 10.2#
80 13.8 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Tgt Ion:240 Resp: 305891
Ion Ratio Lower Upper
240 100
120 13.8 11.2 16.8
236 26.1 21.2 31.8





#78

Terphenyl-d14

Concen: 98.84 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087294.D

Acq: 22 May 2016 16:48

Instrument :

BNA_F

ClientSampleId :

MW-03

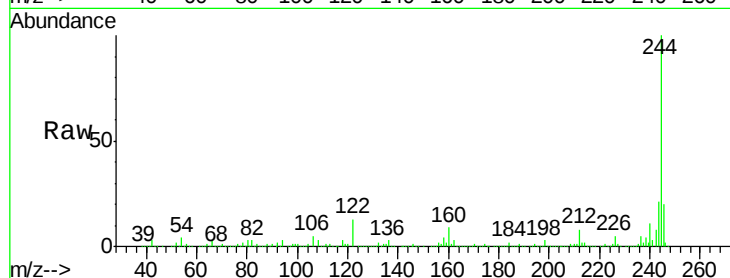
Tot Ion:244 Resp: 1336524

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

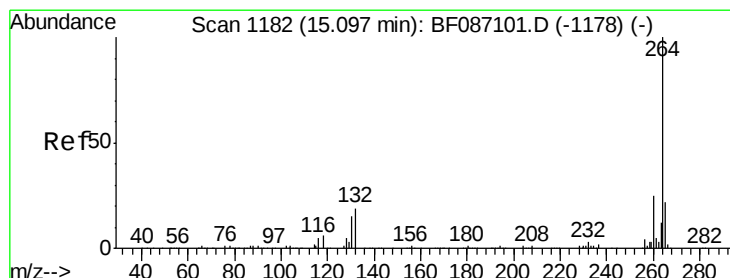
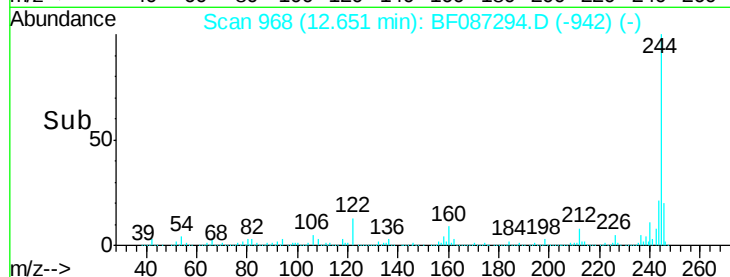
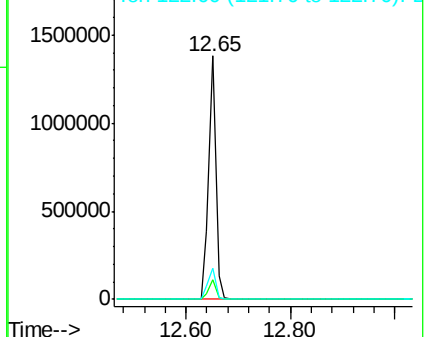
122 12.6 12.0 18.0



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. 0.00 min

Lab File: BF087294.D

Acq: 22 May 2016 16:48

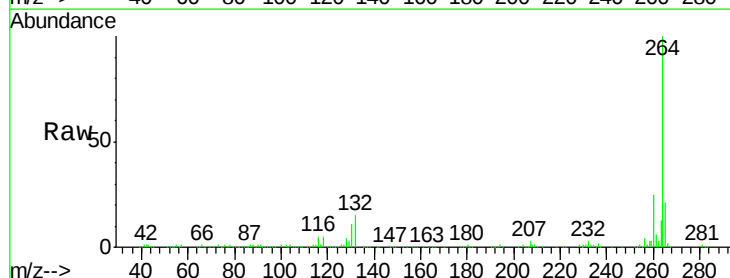
Tgt Ion:264 Resp: 242596

Ion Ratio Lower Upper

264 100

260 24.6 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

