

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087293.D
 Acq On : 22 May 2016 16:19
 Operator : UM/SJ
 Sample : H3172-09
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: May 23 04:26:09 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	122339	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	543359	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	252805	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	438708	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	290045	20.00	ng	-0.01
86) Perylene-d12	15.05	264	234215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	551989	75.84	ng	0.00
7) Phenol-d6	6.23	99	487230	49.91	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1074580	98.56	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	380037	136.04	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1622410	106.29	ng	0.00
78) Terphenyl-d14	12.65	244	1286100	100.30	ng	0.00

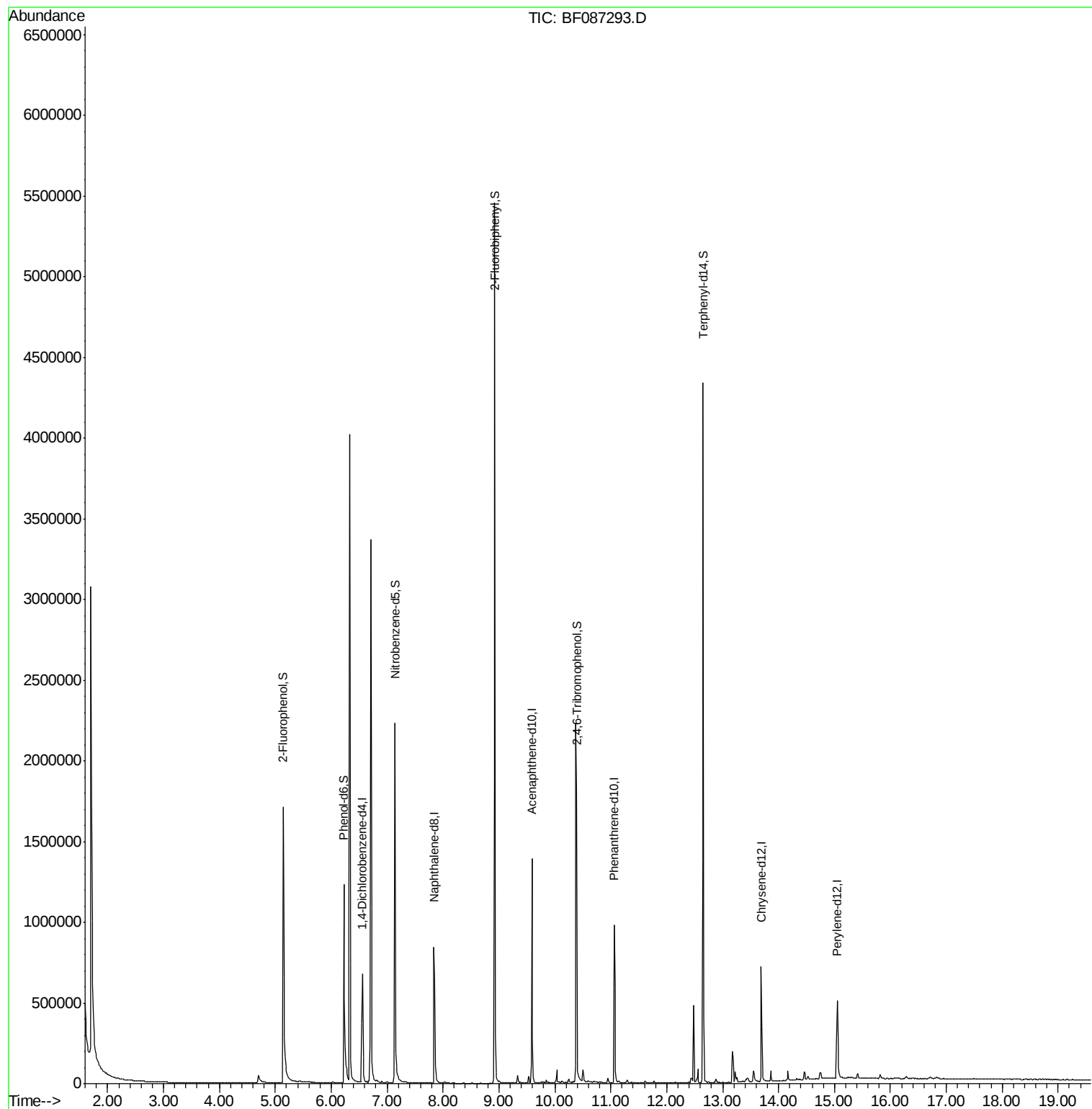
Target Compounds Qvalue

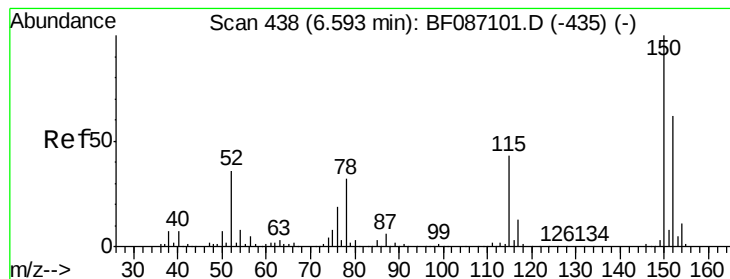
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087293.D

Acq: 22 May 2016 16:19

Instrument :

BNA_F

ClientSampleId :

MW-11

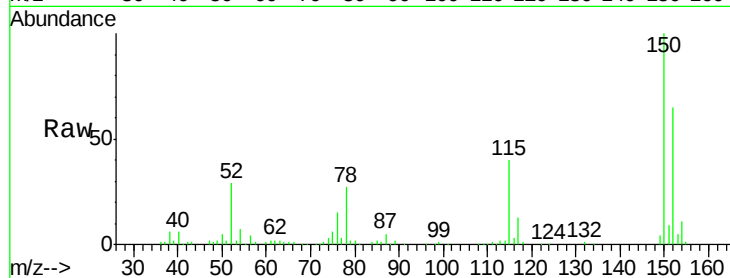
Tot Ion:152 Resp: 122339

Ion Ratio Lower Upper

152 100

150 153.2 125.8 188.6

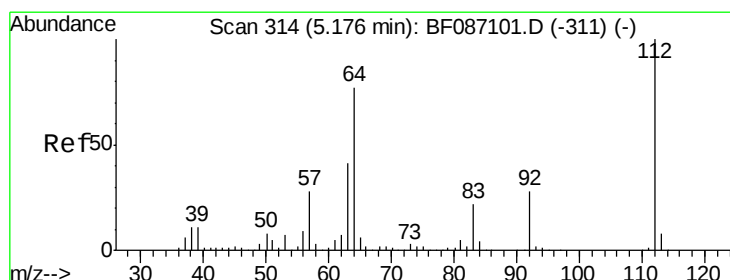
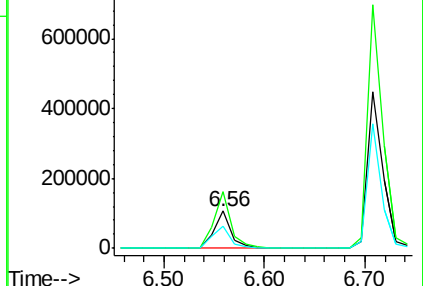
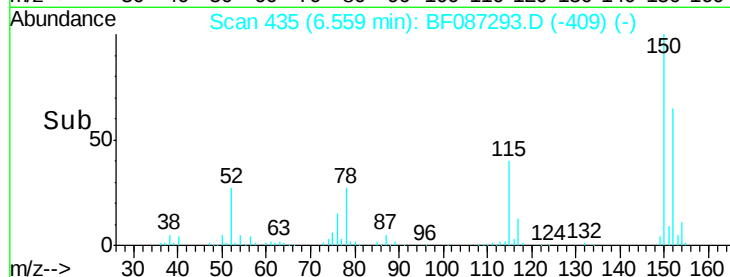
115 60.8 51.5 77.3



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: 75.84 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF087293.D

Acq: 22 May 2016 16:19

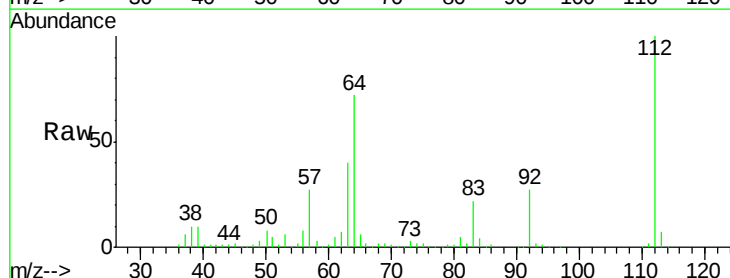
Tgt Ion:112 Resp: 551989

Ion Ratio Lower Upper

112 100

64 72.2 52.1 78.1

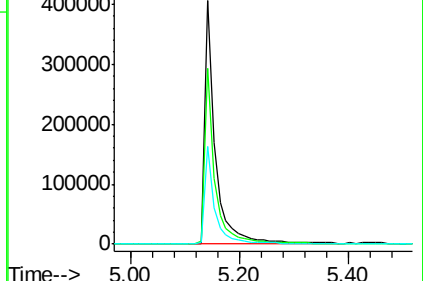
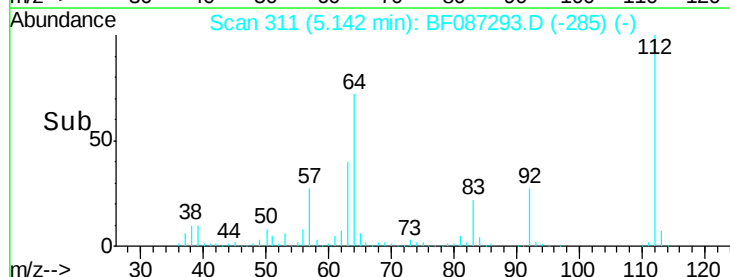
63 40.3 25.7 38.5#



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: 49.91 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087293.D

Acq: 22 May 2016 16:19

Instrument :

BNA_F

ClientSampleId :

MW-11

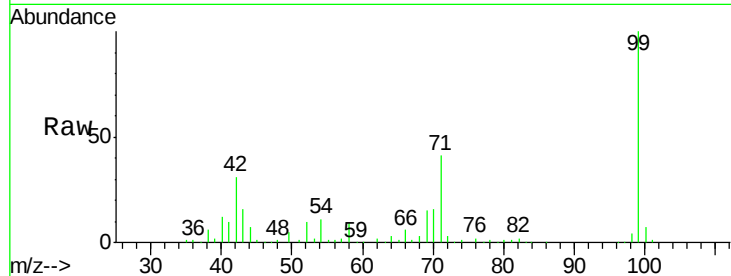
Tot Ion: 99 Resp: 487230

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

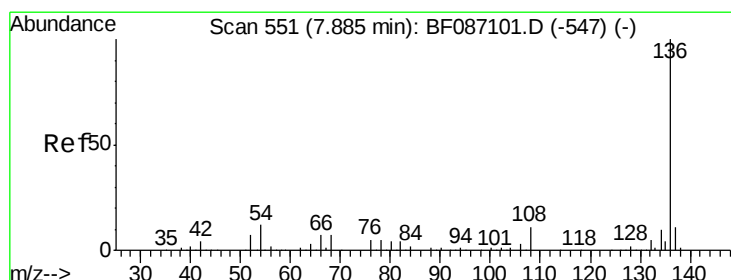
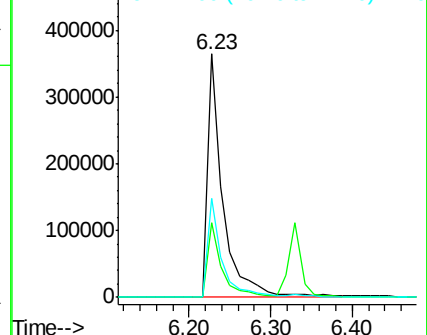
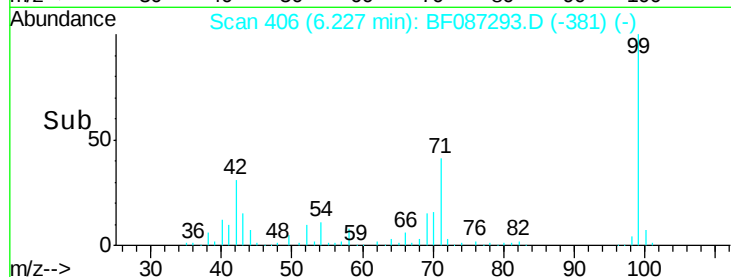
71 40.5 24.6 36.8#



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: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087293.D

Acq: 22 May 2016 16:19

Tgt Ion: 136 Resp: 543359

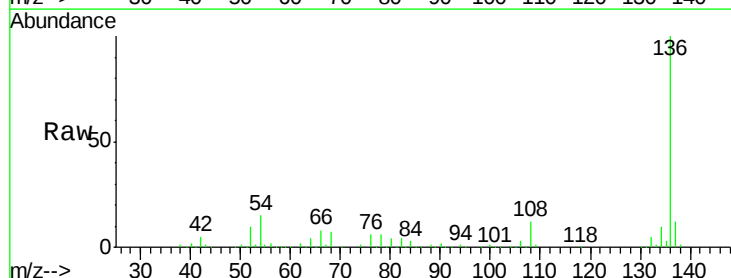
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 15.5 5.0 7.4#

68 7.3 4.4 6.6#

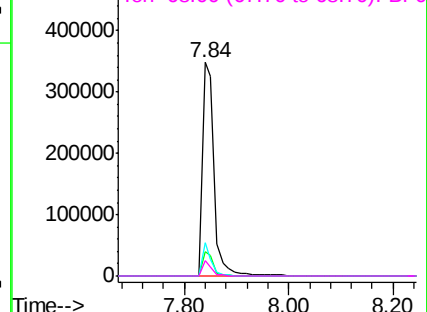
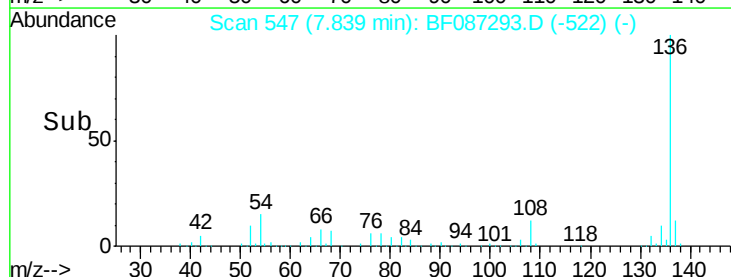


Abundance Ion 136.00 (135.70 to 136.70): E

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

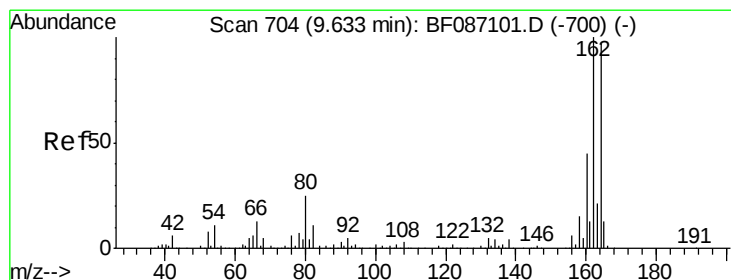
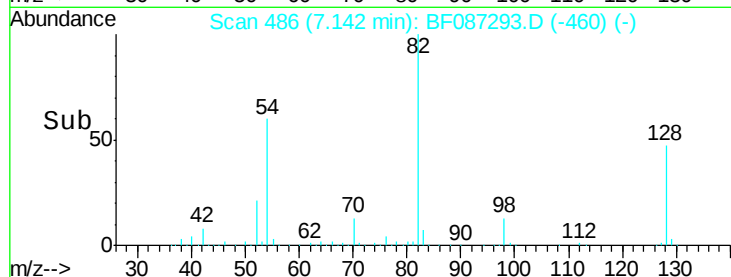
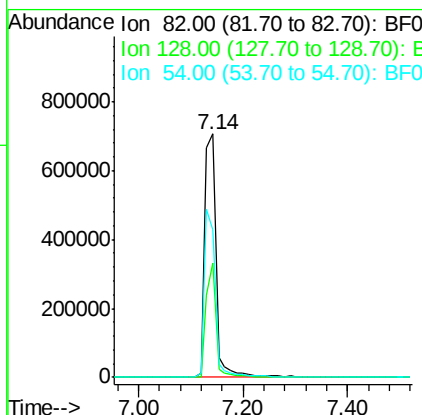
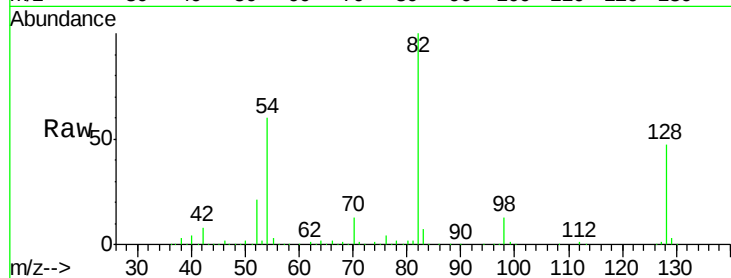




#23
 Nitrobenzene-d5
 Concen: 98.56 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087293.D
 Acq: 22 May 2016 16:19

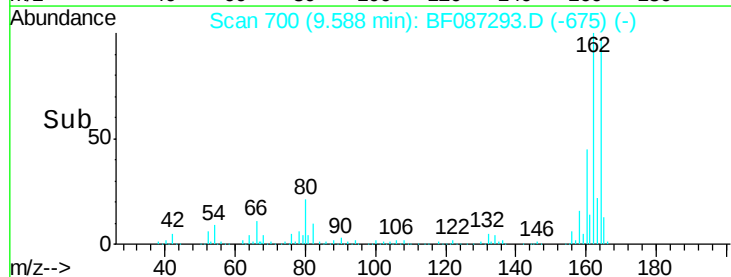
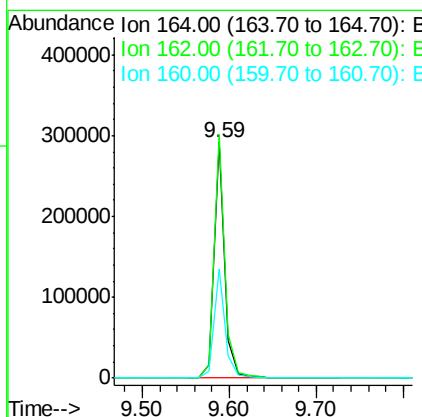
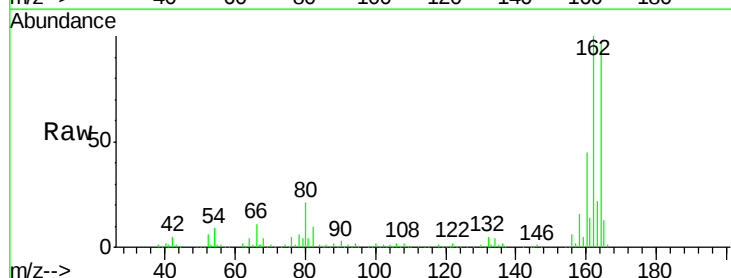
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion: 82 Resp: 1074580
 Ion Ratio Lower Upper
 82 100
 128 47.2 40.6 61.0
 54 60.5 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: BF087293.D
 Acq: 22 May 2016 16:19

Tgt Ion:164 Resp: 252805
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.8 124.2
 160 46.3 36.9 55.3

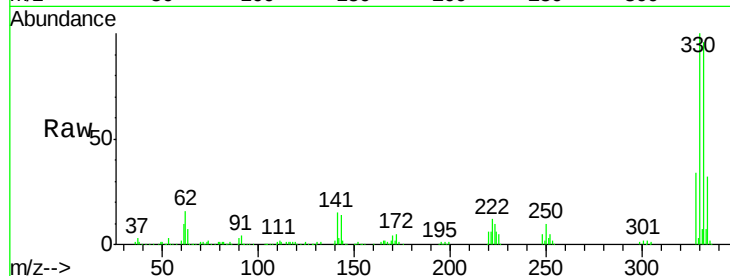




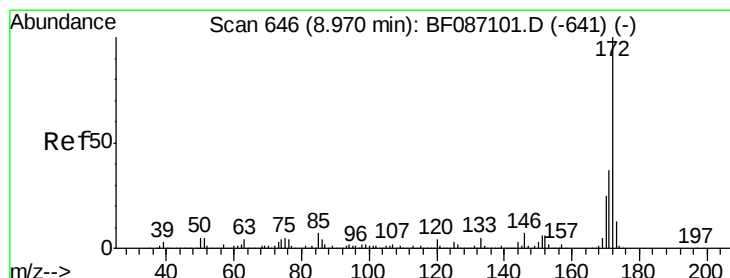
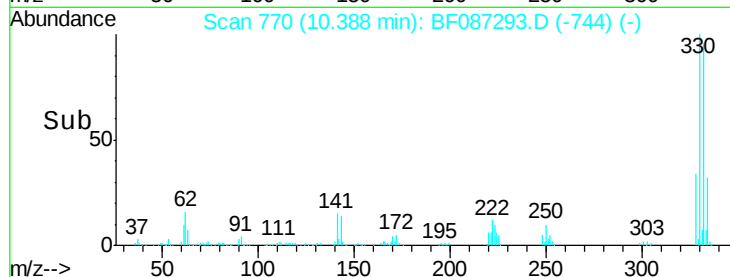
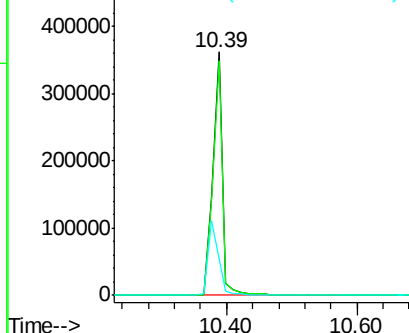
#41
 2,4,6-Tribromophenol
 Concen: 136.04 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087293.D
 Acq: 22 May 2016 16:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	33.2	31.2	46.8

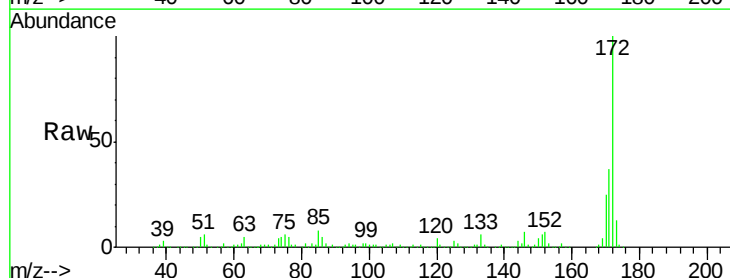


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

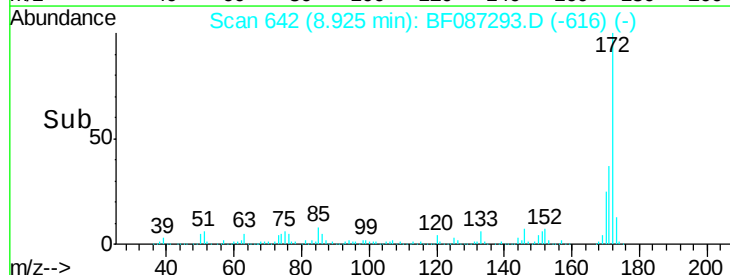
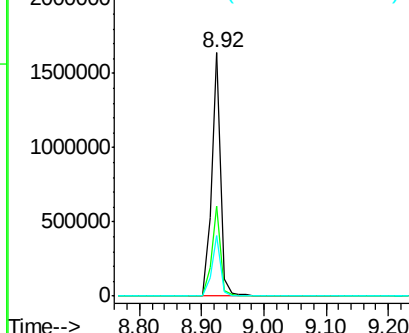


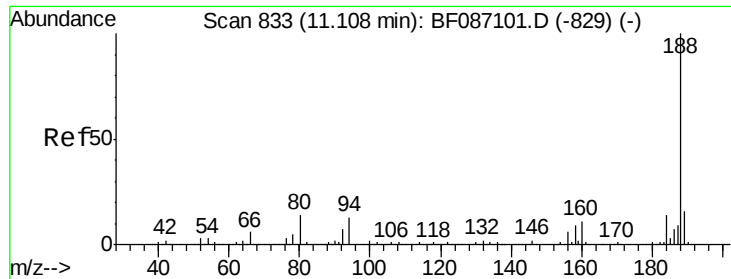
#44
 2-Fluorobiphenyl
 Concen: 106.29 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087293.D
 Acq: 22 May 2016 16:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	25.1	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

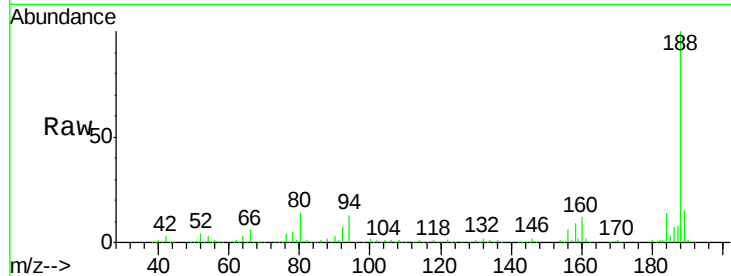




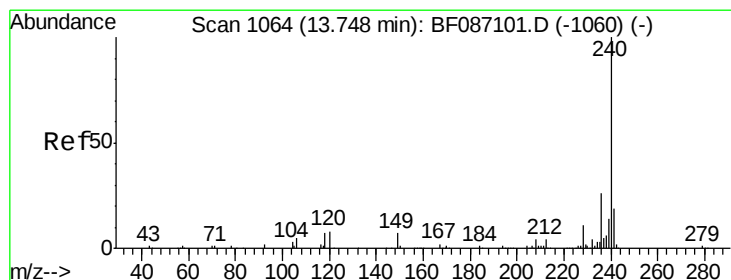
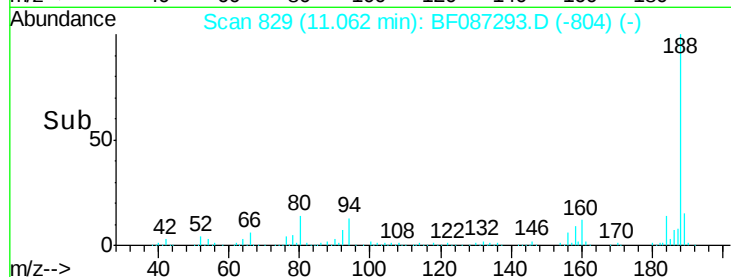
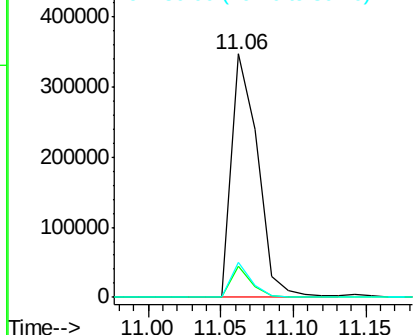
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087293.D
Acq: 22 May 2016 16:19

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:188 Resp: 438708
Ion Ratio Lower Upper
188 100
94 12.7 6.8 10.2#
80 14.5 7.1 10.7#

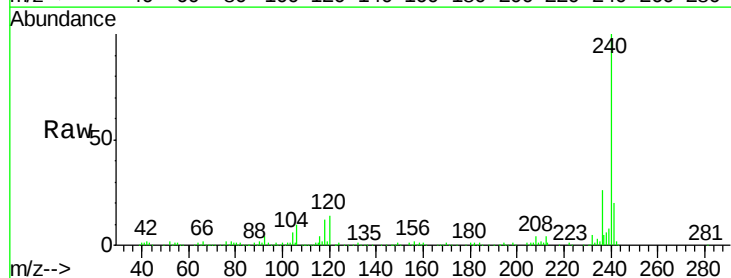


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

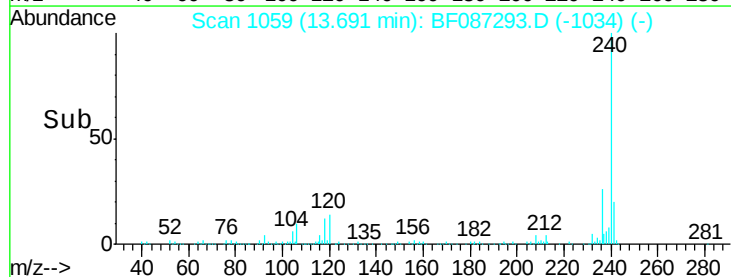
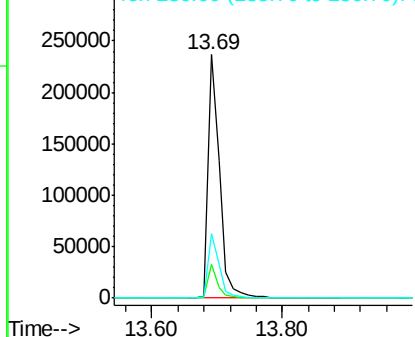


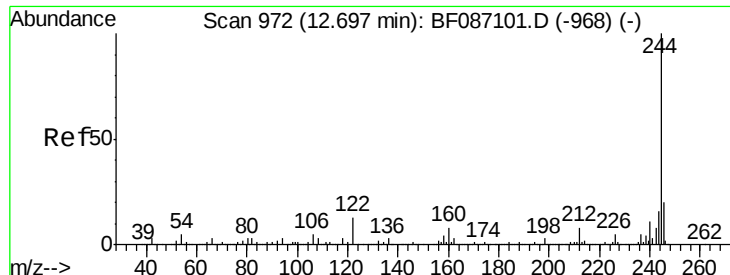
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087293.D
Acq: 22 May 2016 16:19

Tgt Ion:240 Resp: 290045
Ion Ratio Lower Upper
240 100
120 14.0 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

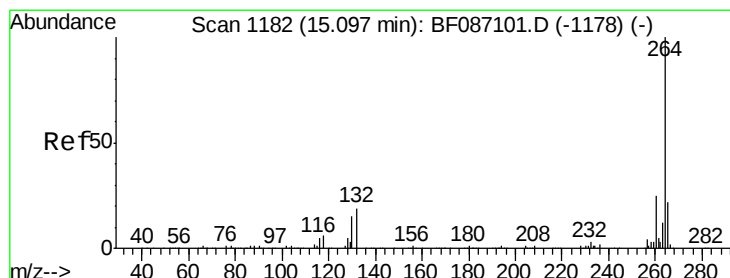
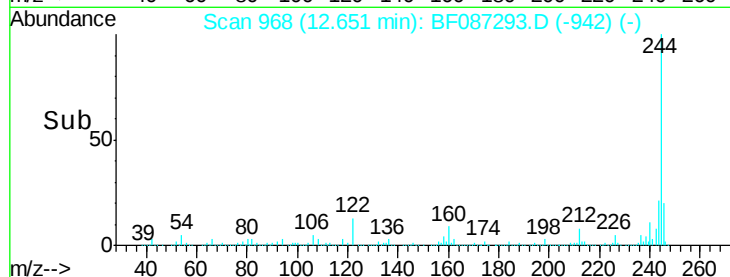
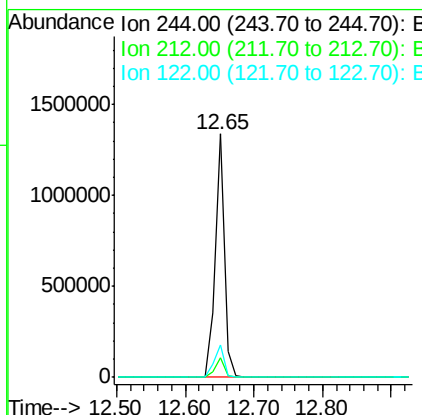
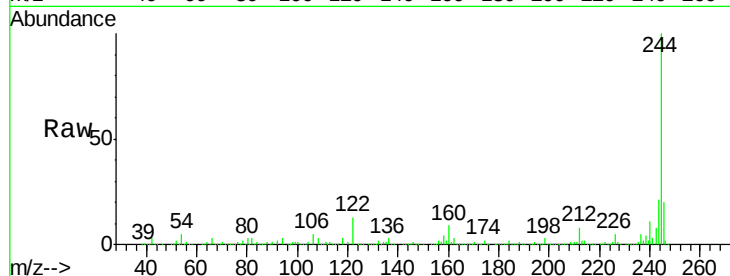




#78
 Terphenyl-d14
 Concen: 100.30 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF087293.D
 Acq: 22 May 2016 16:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion:244 Resp: 1286100
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.1 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF087293.D
 Acq: 22 May 2016 16:19

Tgt Ion:264 Resp: 234215
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.6 17.3 25.9

