

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088120.D
 Acq On : 18 Jun 2016 5:03
 Operator : UM/SJ
 Sample : H3574-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jun 18 05:38:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	109816	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	403779	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	183056	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	300761	20.00	ng	0.01
75) Chrysene-d12	13.84	240	218578	20.00	ng	-0.01
86) Perylene-d12	15.22	264	205850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	377179	58.72	ng	0.01
7) Phenol-d6	6.35	99	329042	42.27	ng	0.00
23) Nitrobenzene-d5	7.27	82	531376	76.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	185291	95.86	ng	0.01
44) 2-Fluorobiphenyl	9.06	172	960308	82.23	ng	-0.01
78) Terphenyl-d14	12.80	244	703459	73.24	ng	0.00

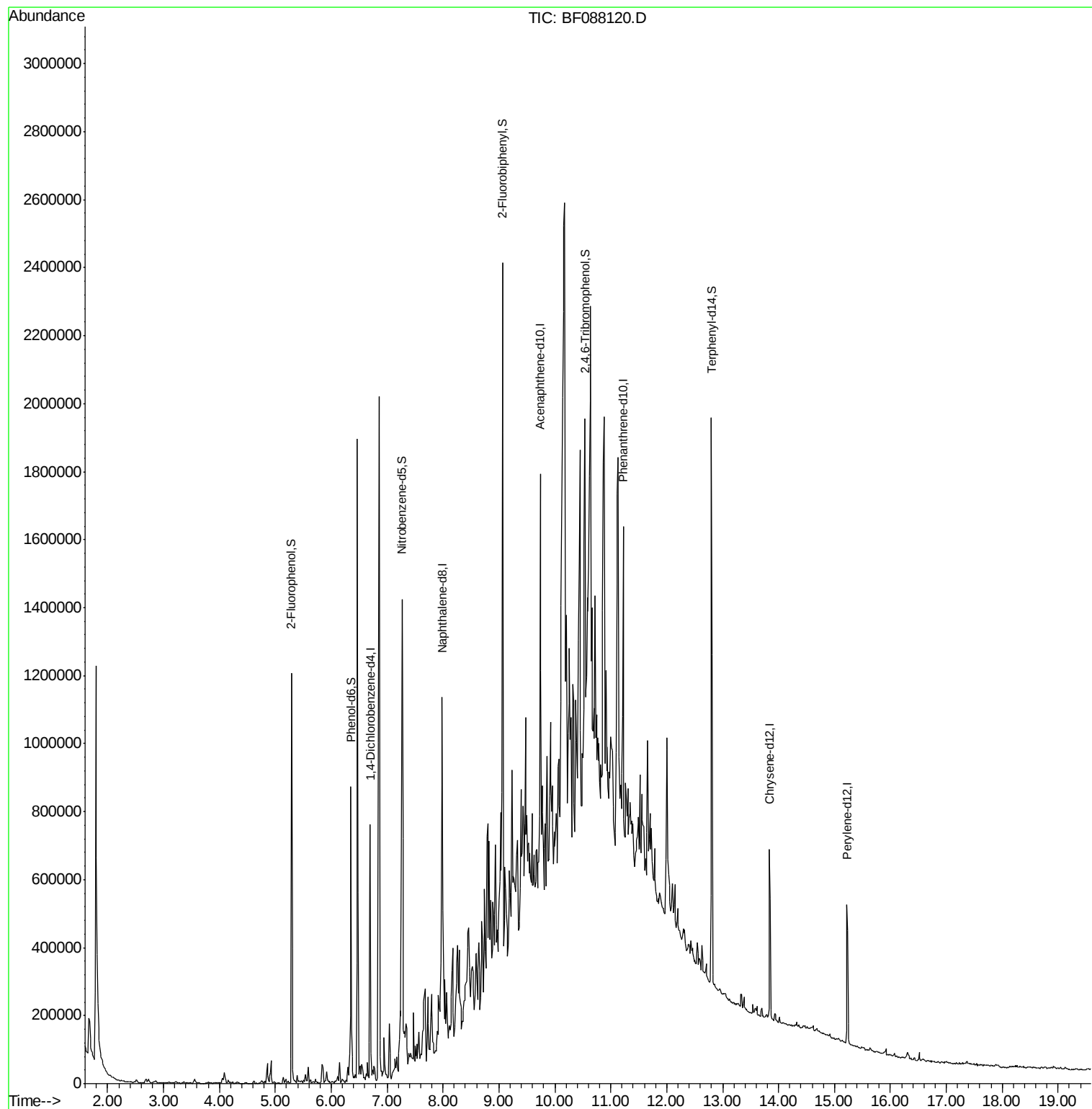
Target Compounds Qvalue

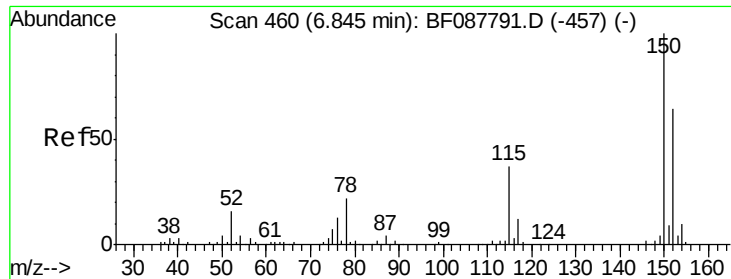
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF088120.D

Acq: 18 Jun 2016 5:03

Instrument :

BNA_F

ClientSampled :

MW-13

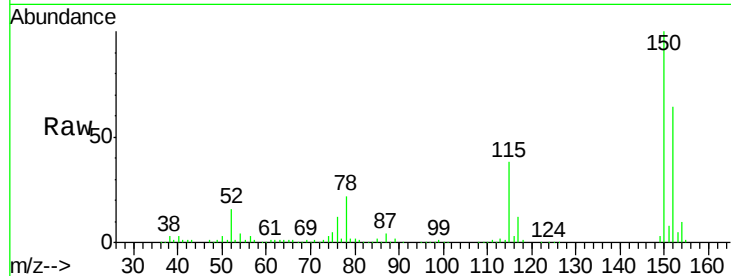
Tot Ion:152 Resp: 109816

Ion Ratio Lower Upper

152 100

150 155.3 123.8 185.6

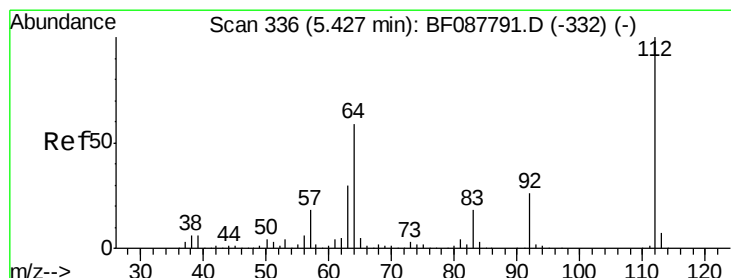
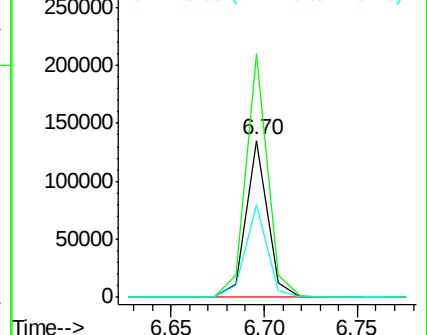
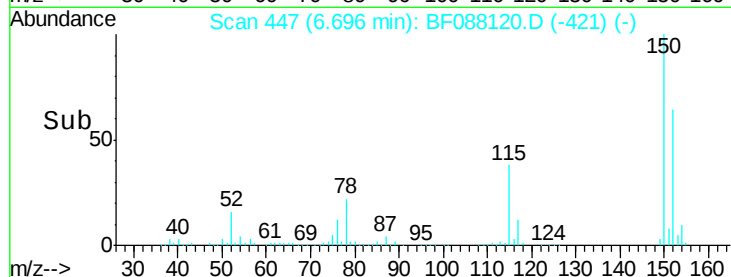
115 58.8 39.6 59.4



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: 58.72 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088120.D

Acq: 18 Jun 2016 5:03

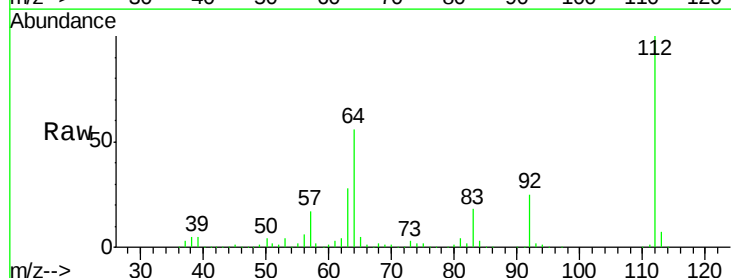
Tgt Ion:112 Resp: 377179

Ion Ratio Lower Upper

112 100

64 55.8 42.2 63.2

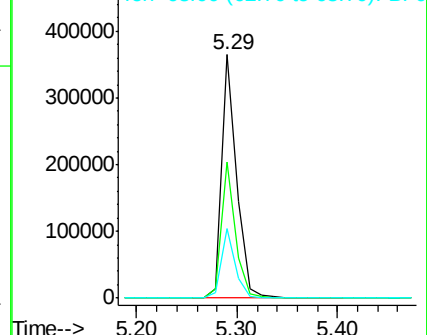
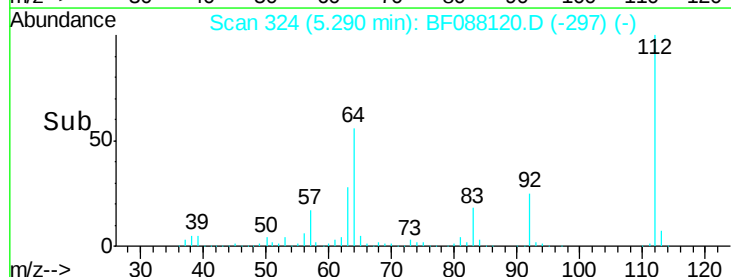
63 28.5 21.8 32.8



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: 42.27 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088120.D

Acq: 18 Jun 2016 5:03

Instrument :

BNA_F

ClientSampleId :

MW-13

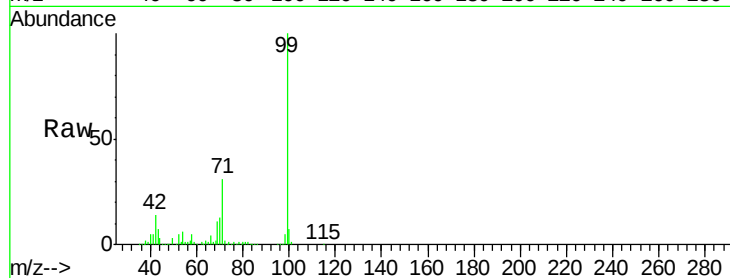
Tot Ion: 99 Resp: 329042

Ion Ratio Lower Upper

99 100

42 13.9 12.2 18.2

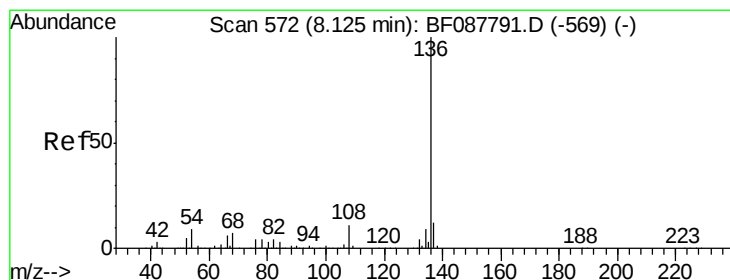
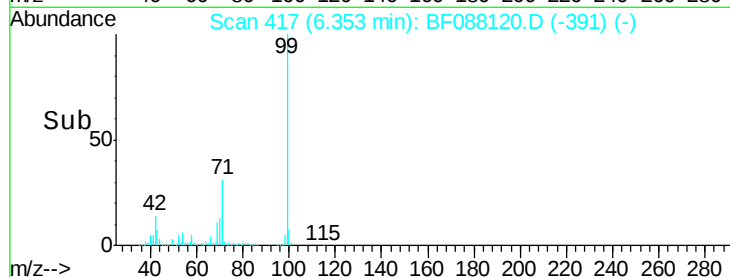
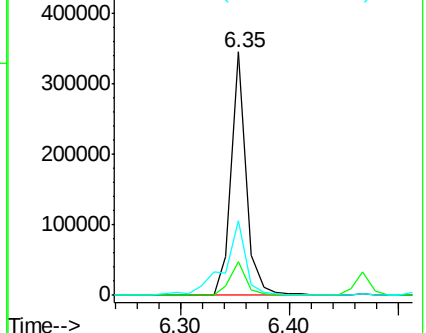
71 30.9 23.4 35.0



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: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF088120.D

Acq: 18 Jun 2016 5:03

Tgt Ion: 136 Resp: 403779

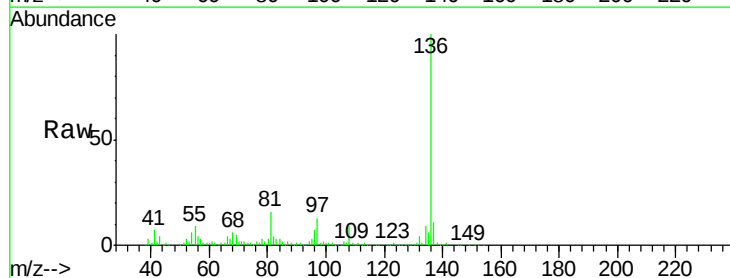
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.7 6.6 10.0#

68 5.7 5.1 7.7

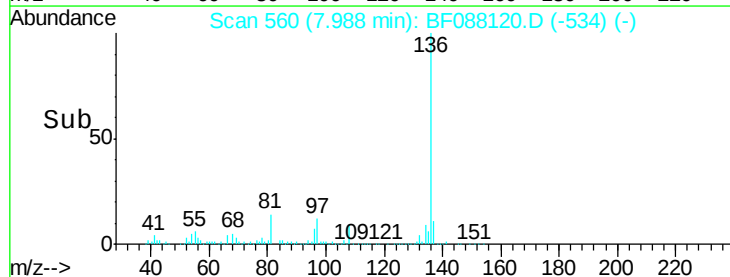
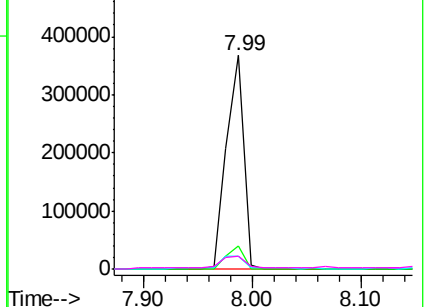


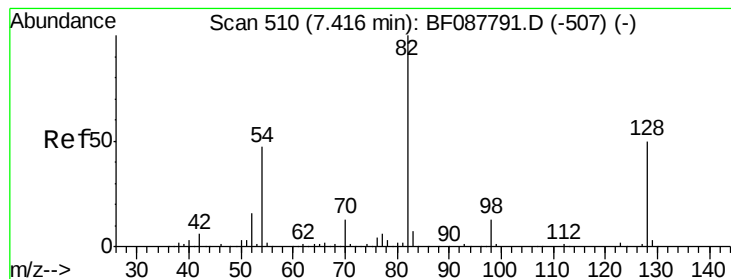
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.85 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088120.D

Acq: 18 Jun 2016 5:03

Instrument :

BNA_F

ClientSampleId :

MW-13

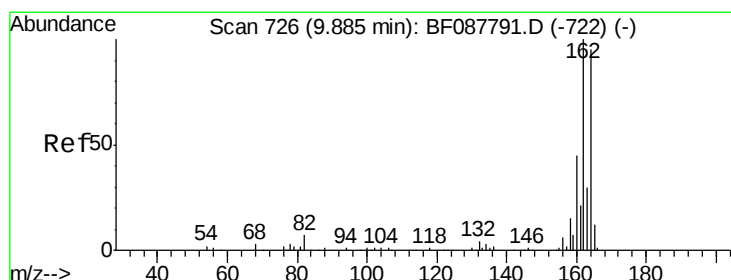
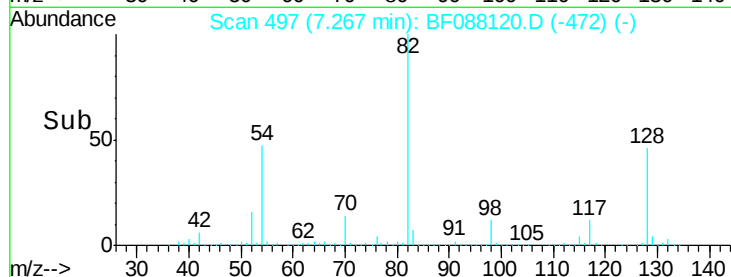
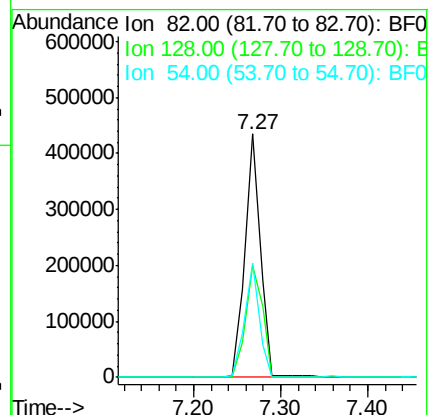
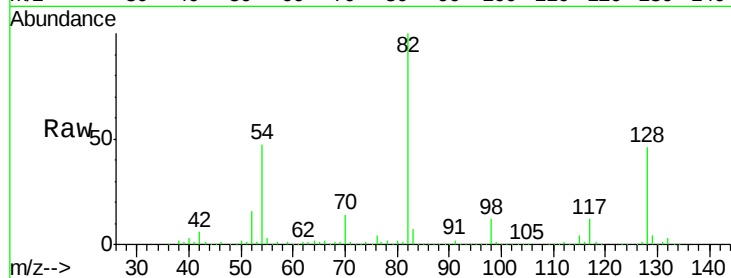
Tot Ion: 82 Resp: 531376

Ion Ratio Lower Upper

82 100

128 46.1 35.9 53.9

54 47.2 40.9 61.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF088120.D

Acq: 18 Jun 2016 5:03

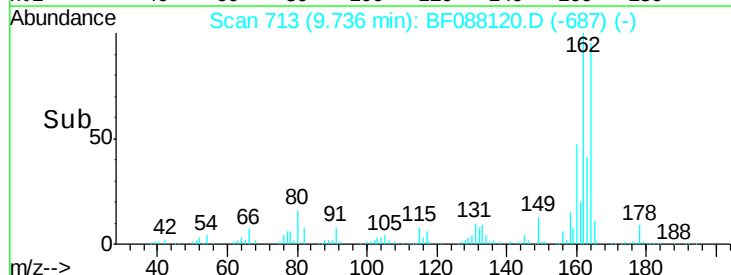
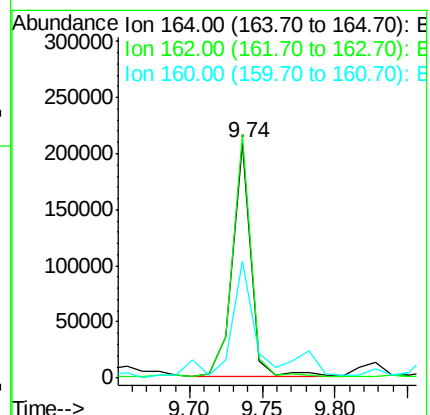
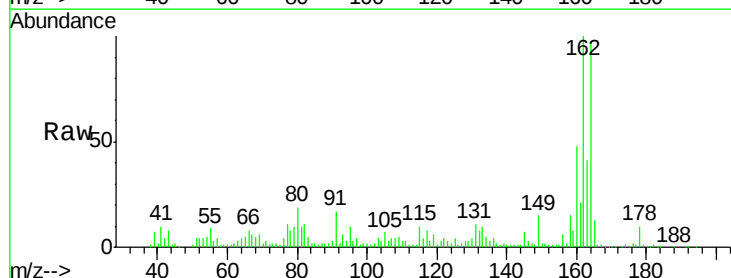
Tgt Ion:164 Resp: 183056

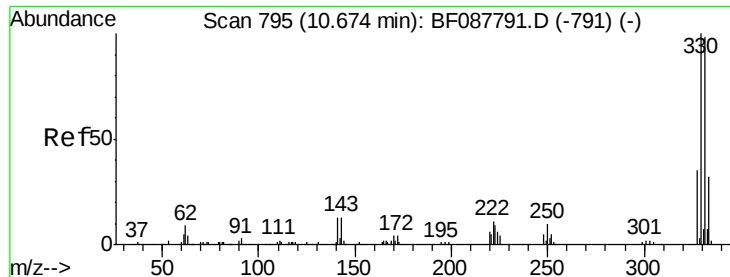
Ion Ratio Lower Upper

164 100

162 103.5 85.4 128.2

160 49.5 39.5 59.3

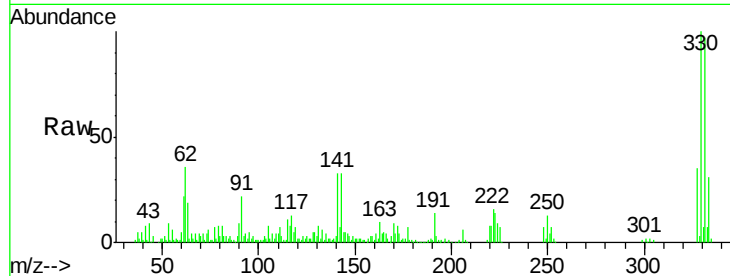




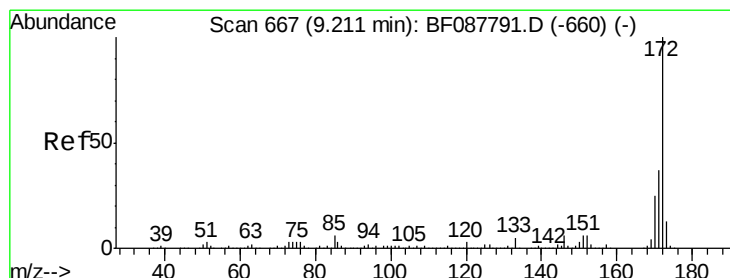
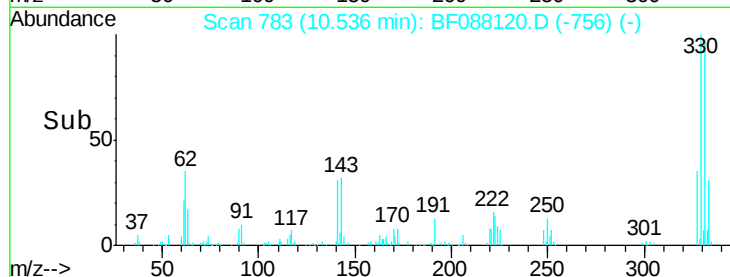
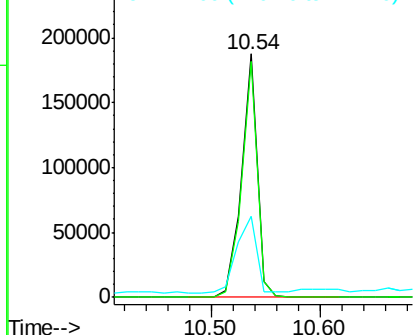
#41
 2,4,6-Tribromophenol
 Concen: 95.86 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF088120.D
 Acq: 18 Jun 2016 5:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	39.5	0.0	0.0#

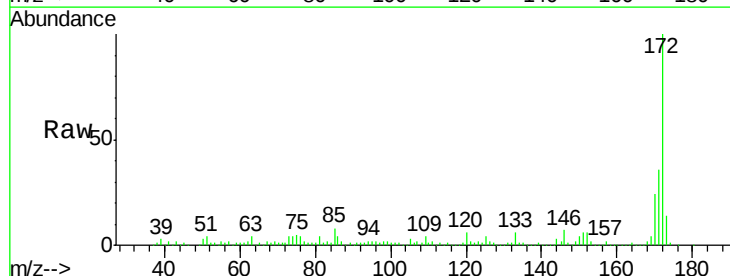


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

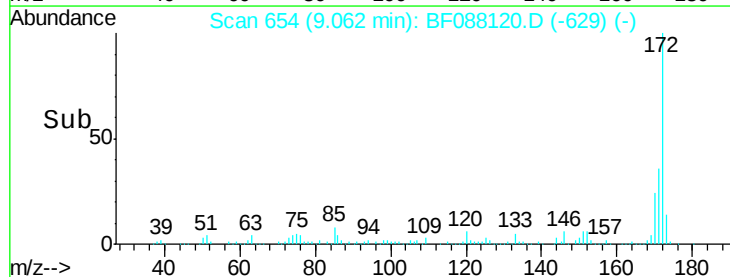
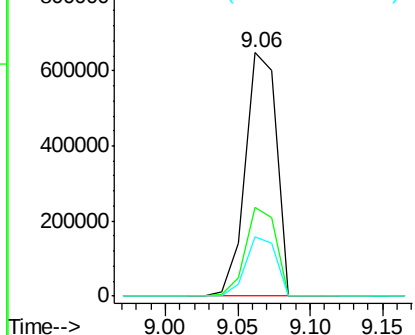


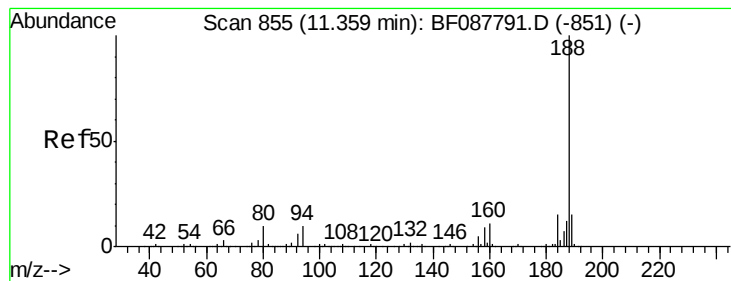
#44
 2-Fluorobiphenyl
 Concen: 82.23 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088120.D
 Acq: 18 Jun 2016 5:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.3	19.2	28.8



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: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF088120.D

Acq: 18 Jun 2016 5:03

Instrument :

BNA_F

ClientSampleId :

MW-13

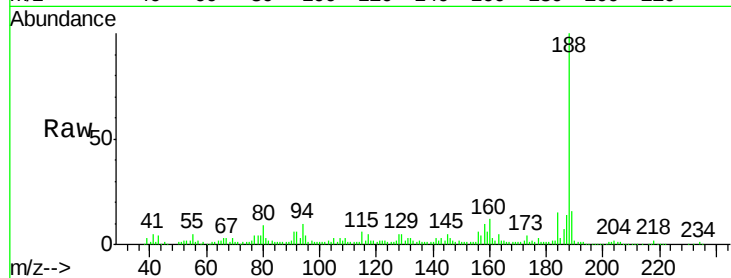
Tot Ion:188 Resp: 300761

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.6

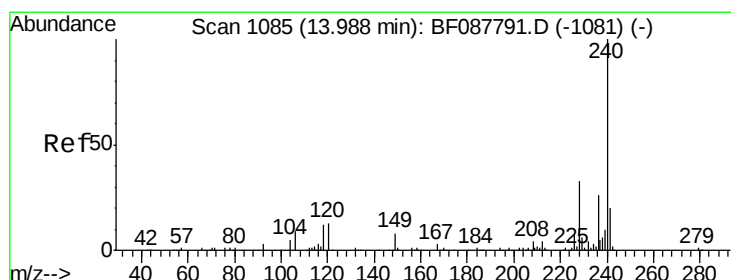
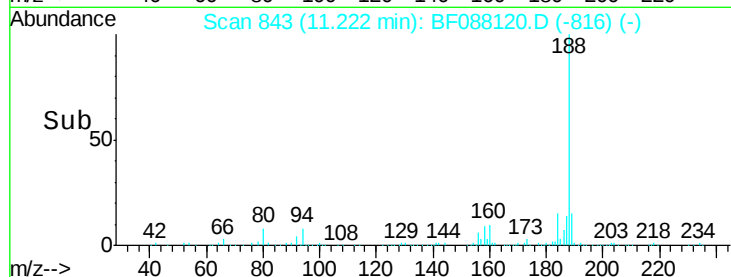
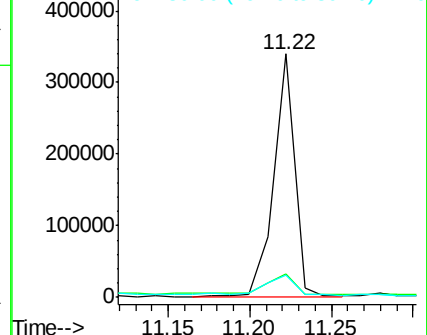
80 9.2 10.0 15.0#



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: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088120.D

Acq: 18 Jun 2016 5:03

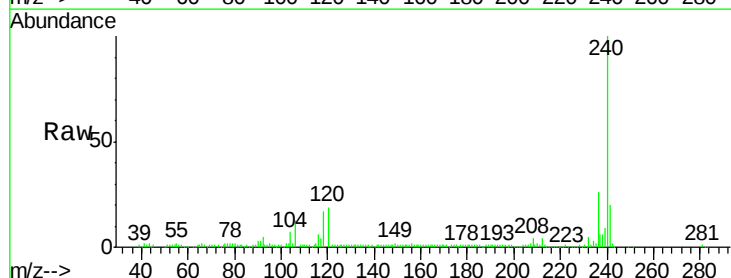
Tgt Ion:240 Resp: 218578

Ion Ratio Lower Upper

240 100

120 19.3 6.8 10.2#

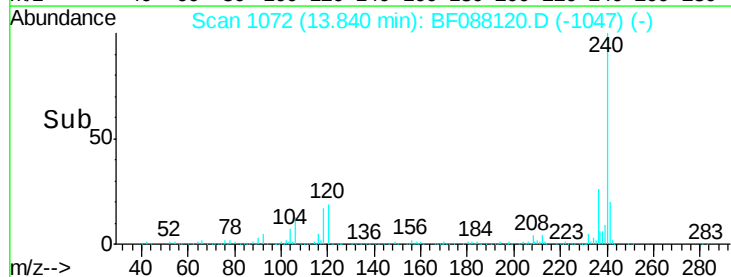
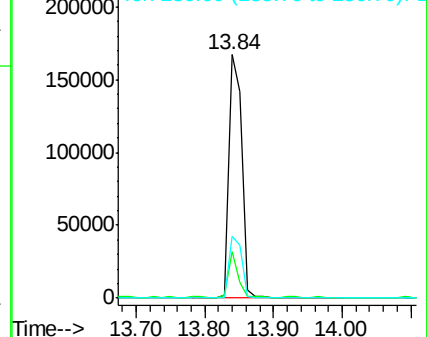
236 25.6 20.2 30.2

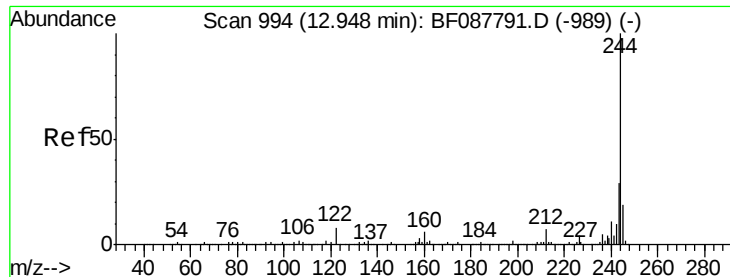


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.24 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088120.D

Acq: 18 Jun 2016 5:03

Instrument :

BNA_F

ClientSampleId :

MW-13

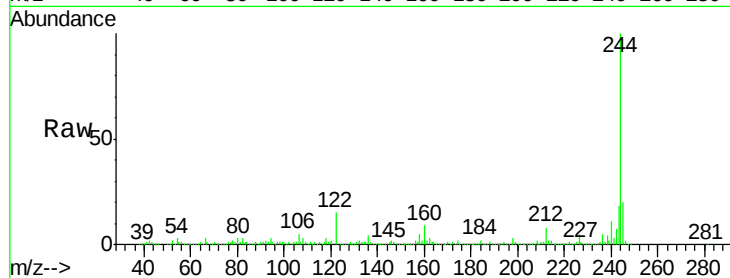
Tot Ion:244 Resp: 703459

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

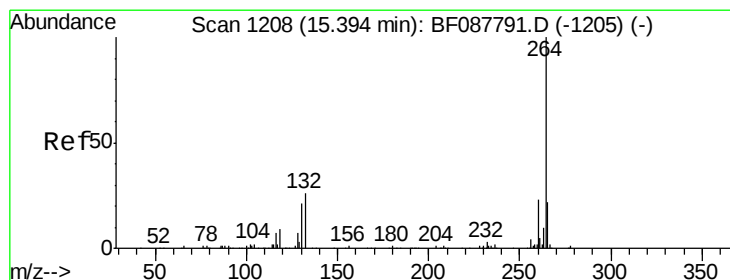
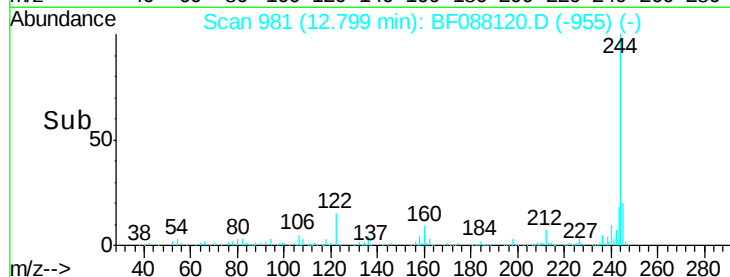
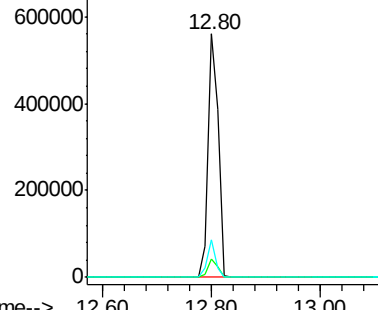
122 15.3 11.2 16.8



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: 15.22 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF088120.D

Acq: 18 Jun 2016 5:03

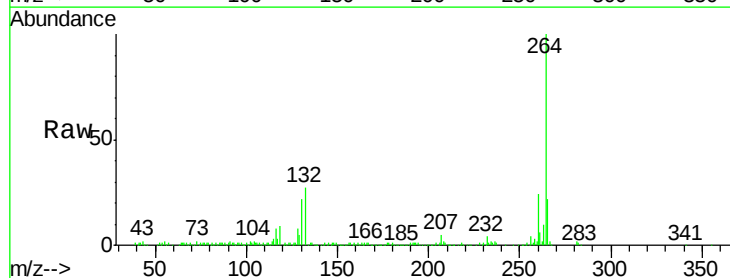
Tgt Ion:264 Resp: 205850

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.2 16.9 25.3



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

