

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091795.D
 Acq On : 20 Dec 2016 1:26
 Operator : UM/SJ
 Sample : H6126-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Quant Time: Dec 20 03:33:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	244625	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	972128	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	476585	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	801767	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	581953	20.00	ng	-0.02
86) Perylene-d12	15.31	264	470673	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1142778	78.27	ng	0.00
7) Phenol-d6	6.41	99	846096	47.51	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1813900	107.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	598162	148.01	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2671508	112.62	ng	-0.01
78) Terphenyl-d14	12.86	244	2001100	86.82	ng	-0.01

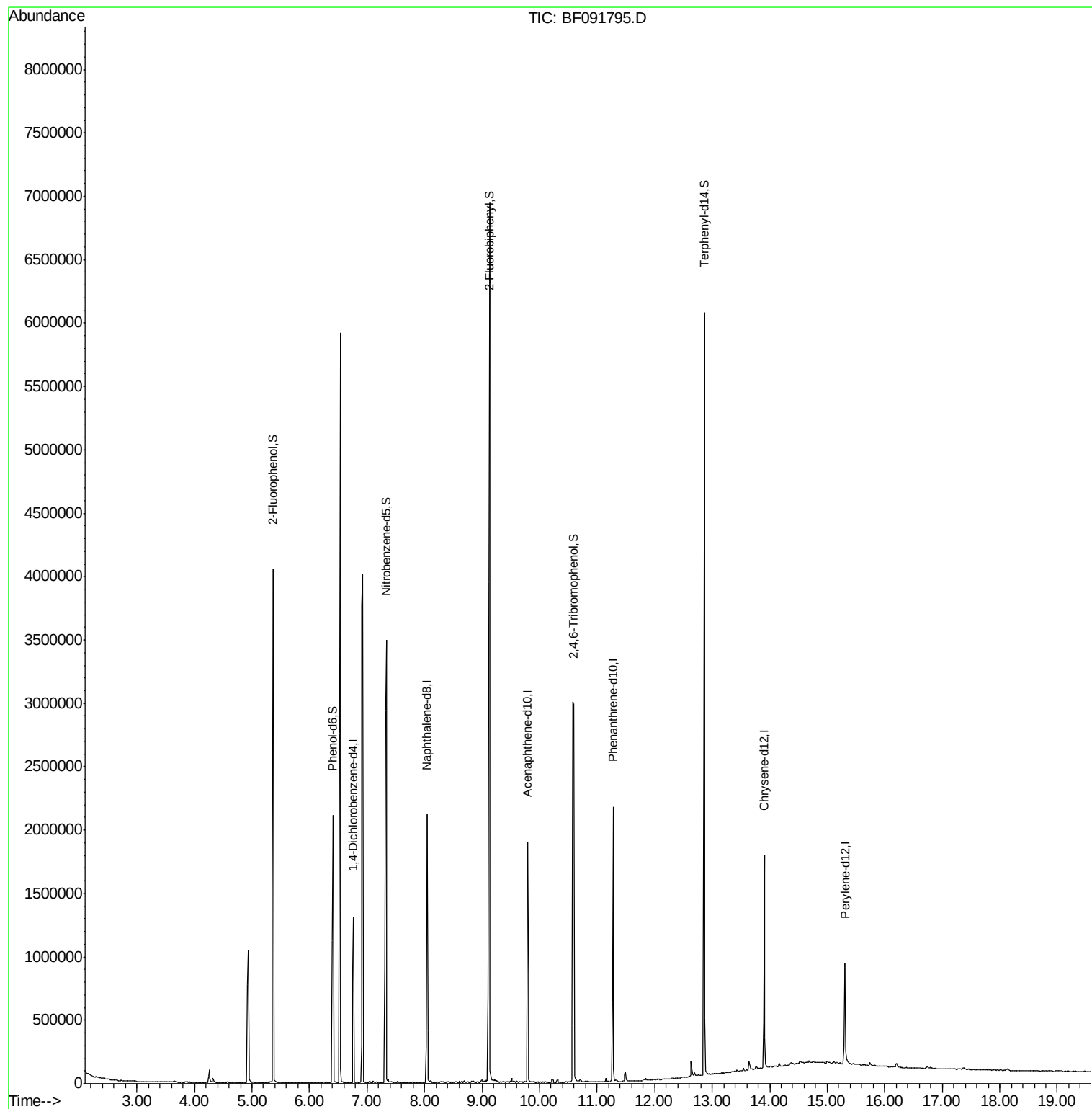
Target Compounds Qvalue

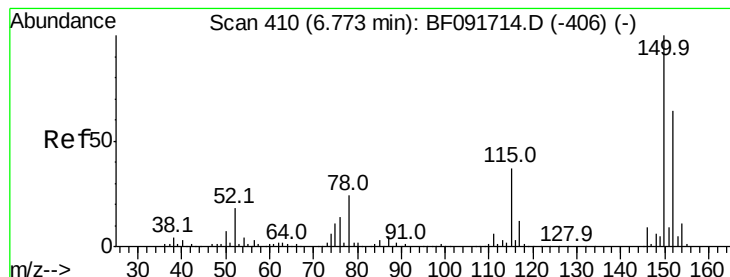
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

Instrument :

BNA_F

ClientSampleId :

MW-32

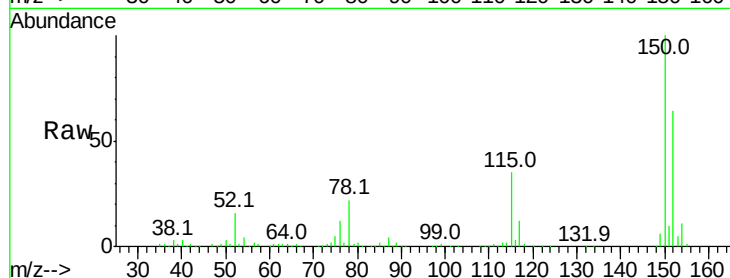
Tot Ion:152 Resp: 244625

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

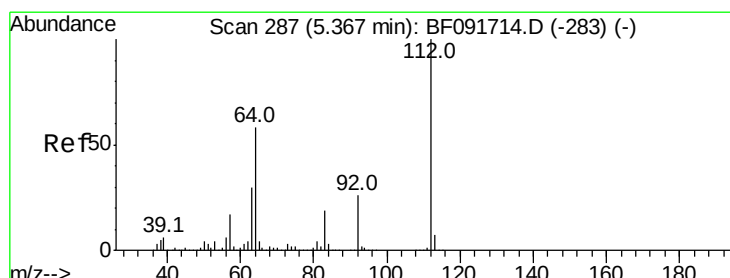
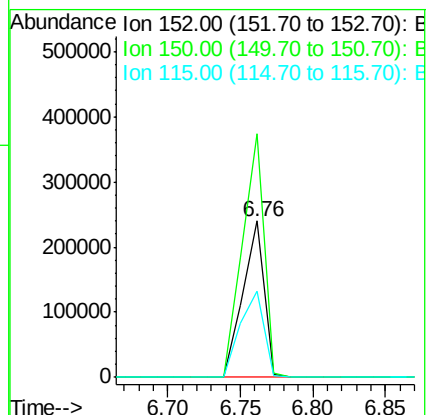
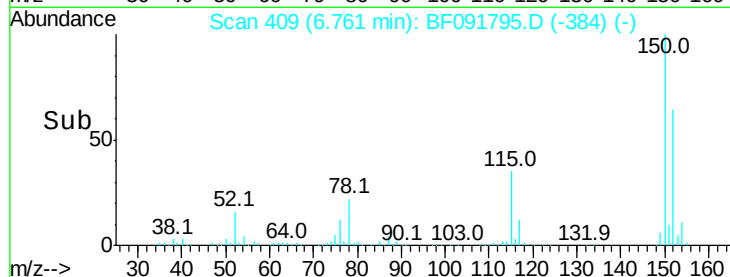
115 55.2 46.0 69.0



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: 78.27 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

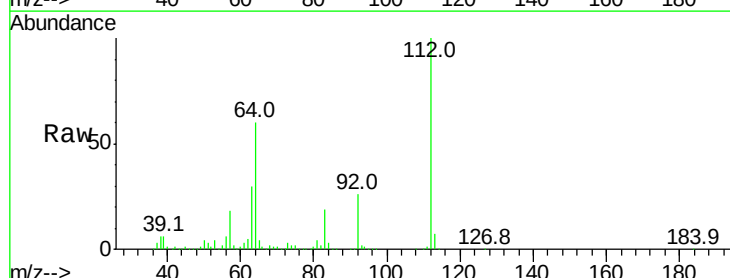
Tgt Ion:112 Resp: 1142778

Ion Ratio Lower Upper

112 100

64 59.9 46.1 69.1

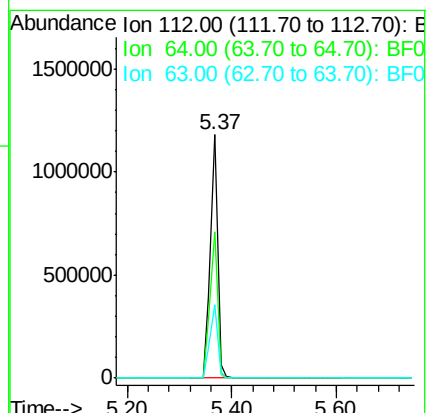
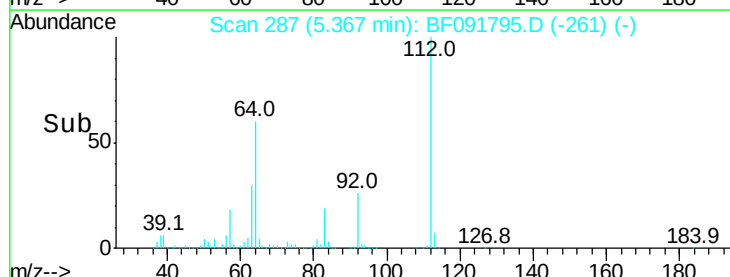
63 30.4 23.8 35.6

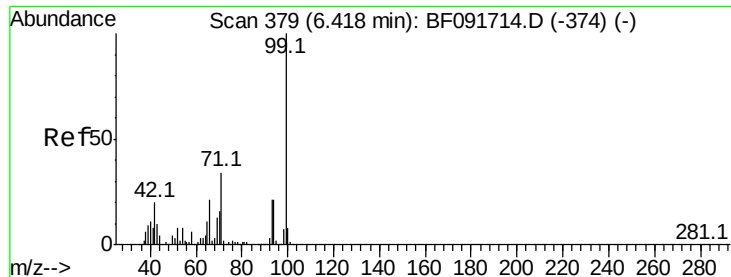


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.51 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

Instrument :

BNA_F

ClientSampleId :

MW-32

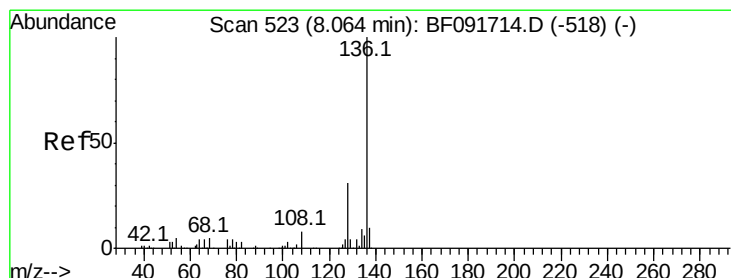
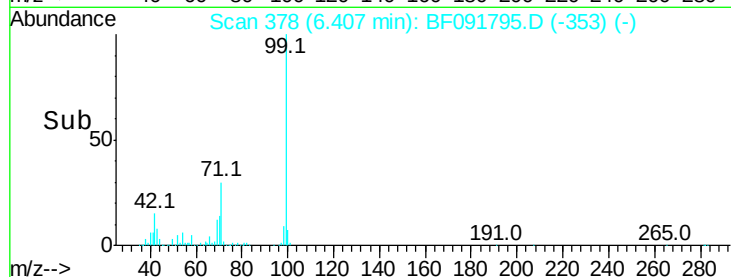
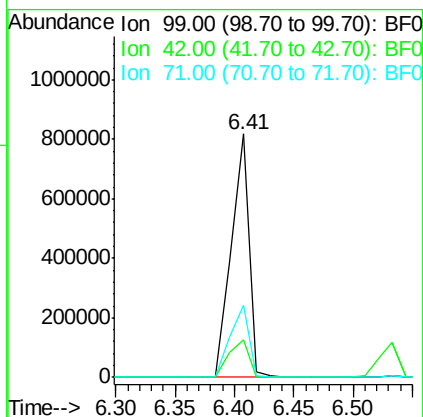
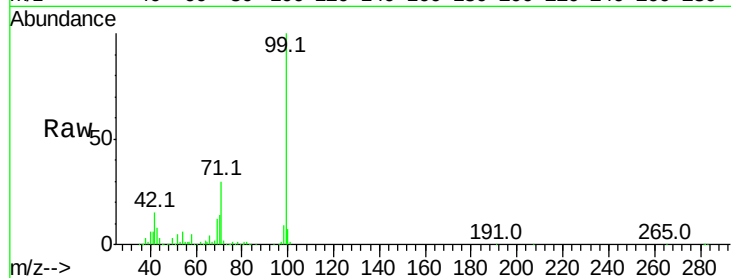
Tot Ion: 99 Resp: 846096

Ion Ratio Lower Upper

99 100

42 15.2 15.6 23.4#

71 29.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

Tgt Ion: 136 Resp: 972128

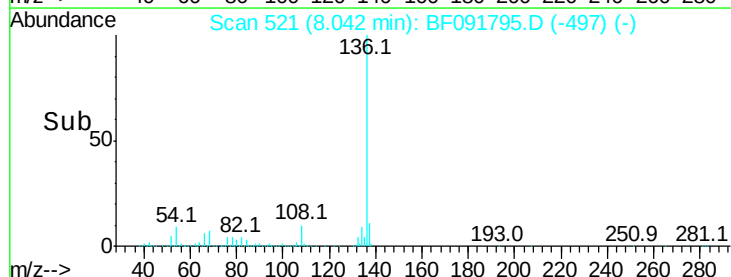
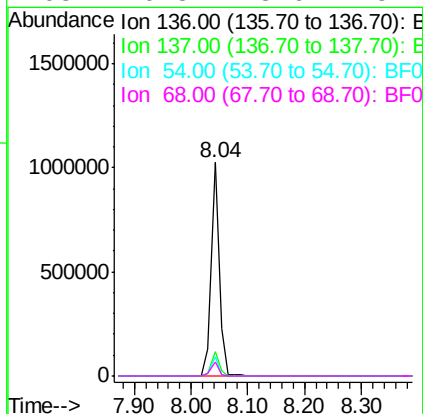
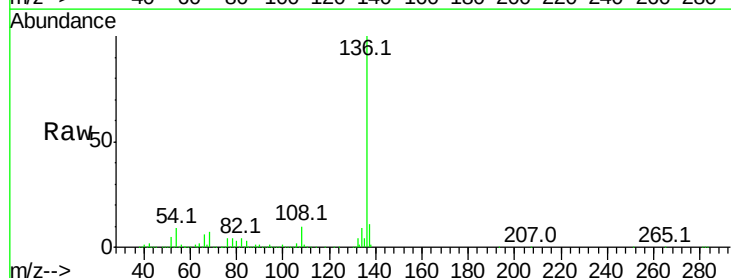
Ion Ratio Lower Upper

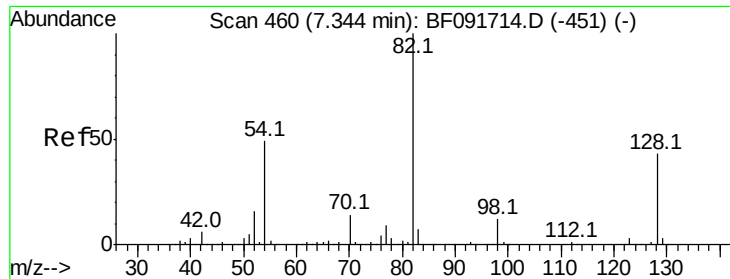
136 100

137 11.3 8.4 12.6

54 8.7 4.5 6.7#

68 6.8 3.6 5.4#



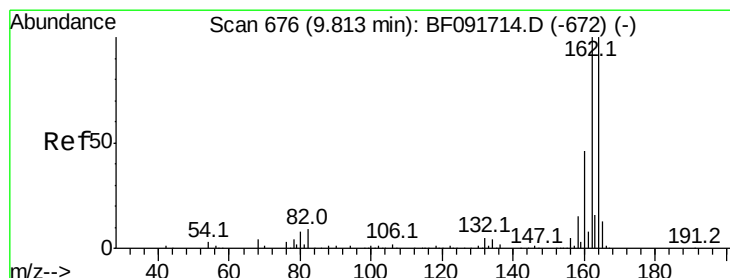
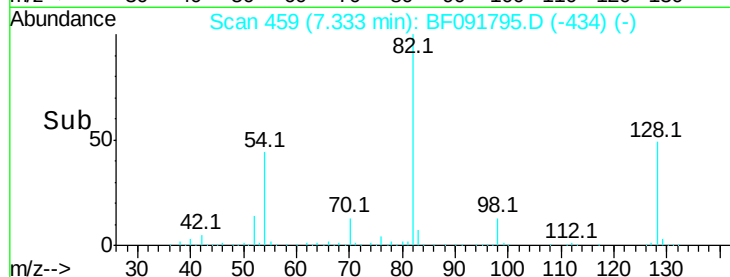
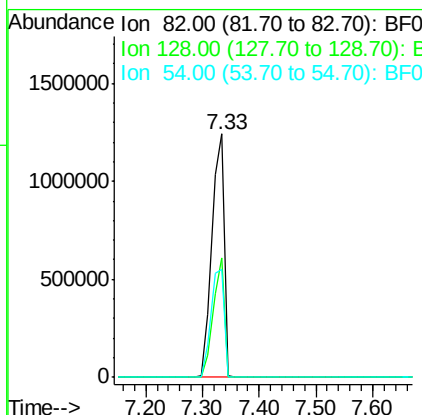
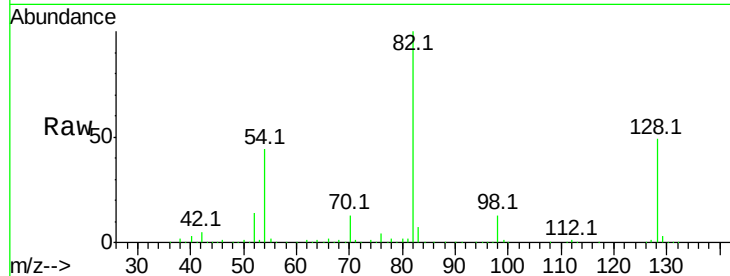


#23
 Nitrobenzene-d5
 Concen: 107.60 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091795.D
 Acq: 20 Dec 2016 1:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Tot Ion: 82 Resp: 1813900

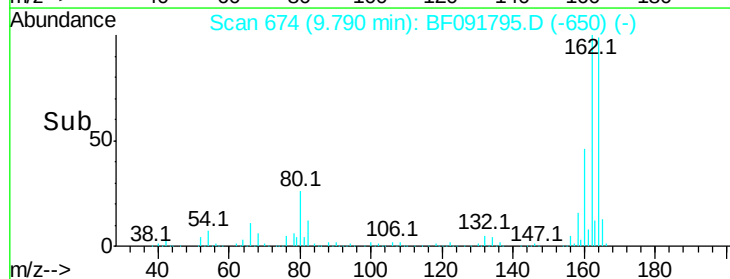
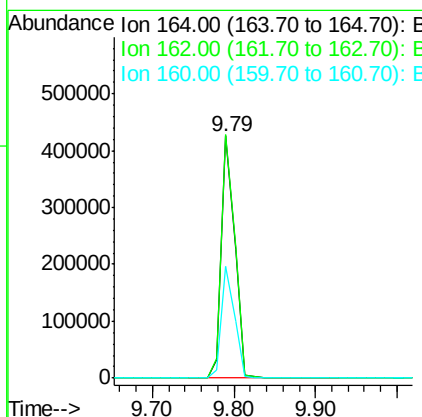
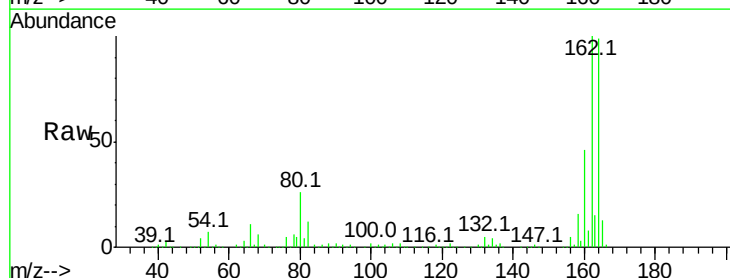
Ion	Ratio	Lower	Upper
82	100		
128	49.3	34.6	52.0
54	44.2	39.5	59.3

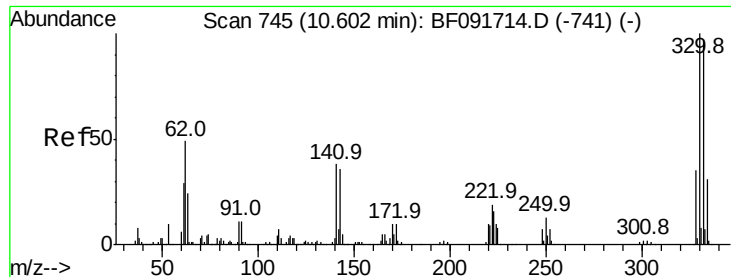


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF091795.D
 Acq: 20 Dec 2016 1:26

Tgt Ion:164 Resp: 476585

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	46.0	36.9	55.3

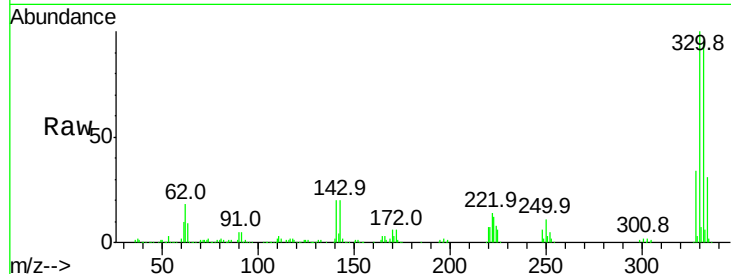




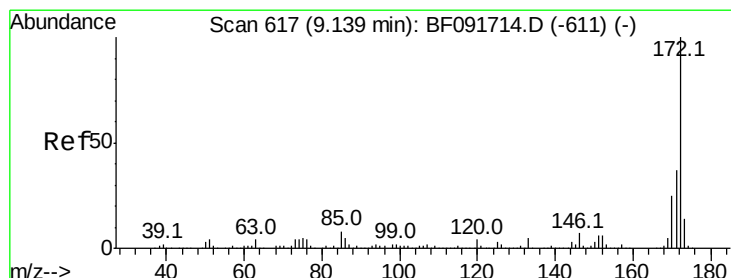
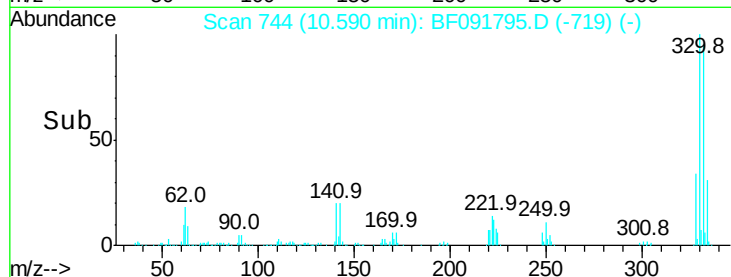
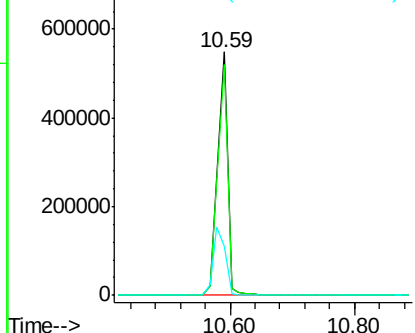
#41
 2,4,6-Tribromophenol
 Concen: 148.01 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091795.D
 Acq: 20 Dec 2016 1:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Tot Ion:330 Resp: 598162
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 34.6 34.1 51.1

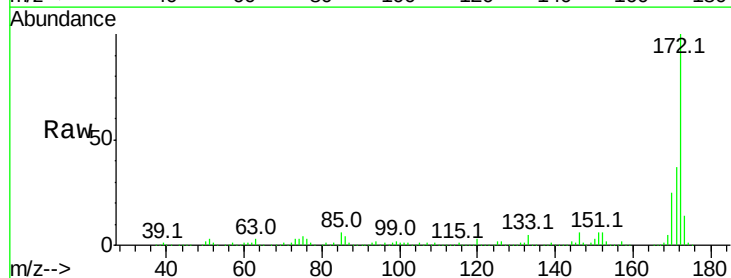


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

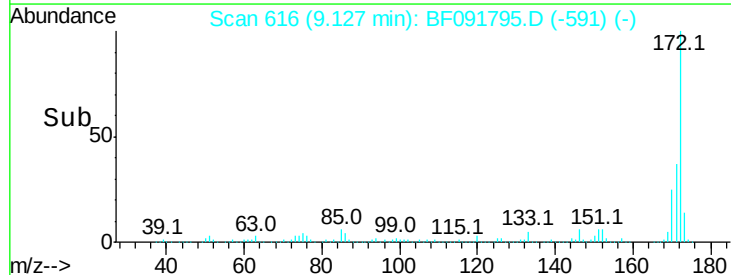
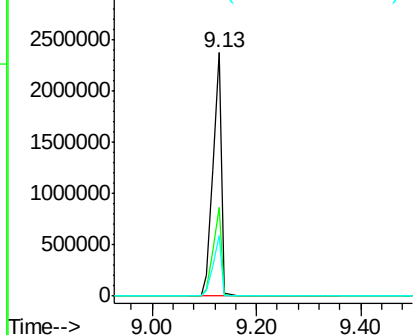


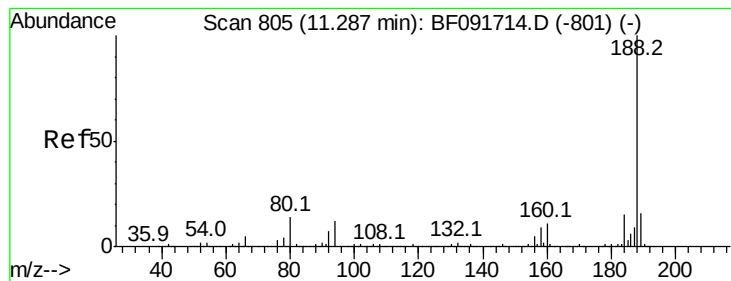
#44
 2-Fluorobiphenyl
 Concen: 112.62 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091795.D
 Acq: 20 Dec 2016 1:26

Tgt Ion:172 Resp: 2671508
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.9 20.2 30.4



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: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

Instrument :

BNA_F

ClientSampleId :

MW-32

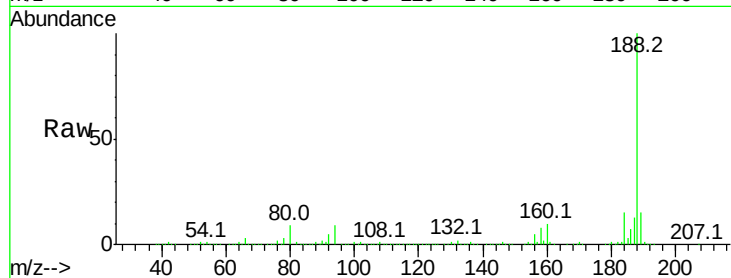
Tot Ion:188 Resp: 801767

Ion Ratio Lower Upper

188 100

94 8.9 10.0 15.0#

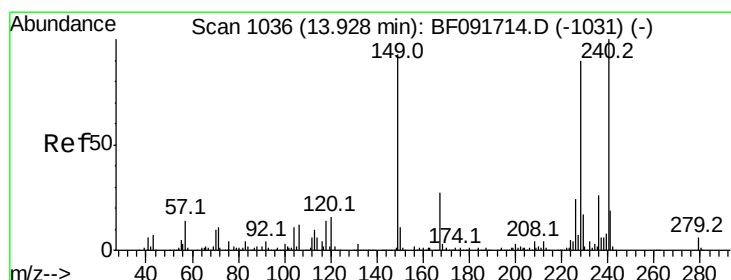
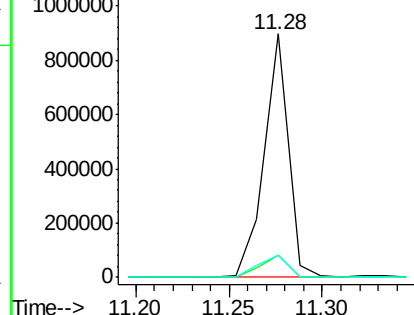
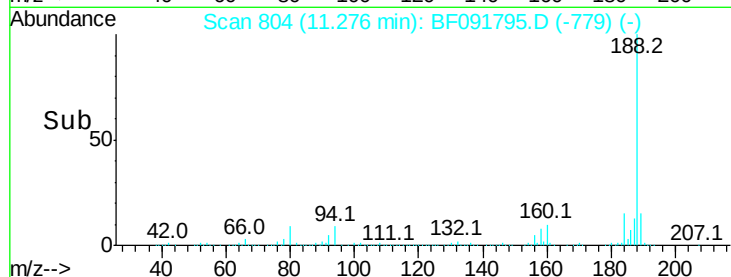
80 9.1 11.2 16.8#



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: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

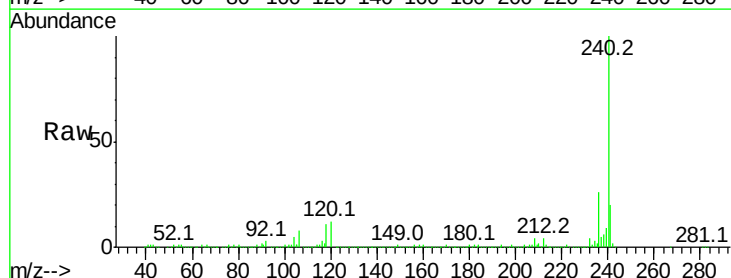
Tgt Ion:240 Resp: 581953

Ion Ratio Lower Upper

240 100

120 12.2 12.9 19.3#

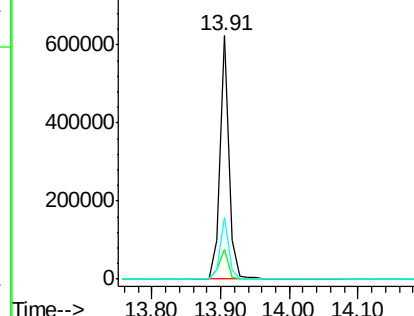
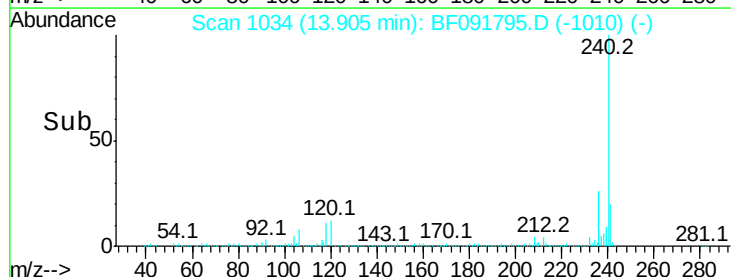
236 25.7 20.9 31.3

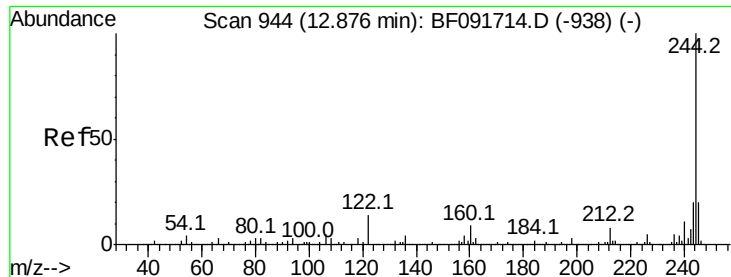


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.82 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

Instrument :

BNA_F

ClientSampled :

MW-32

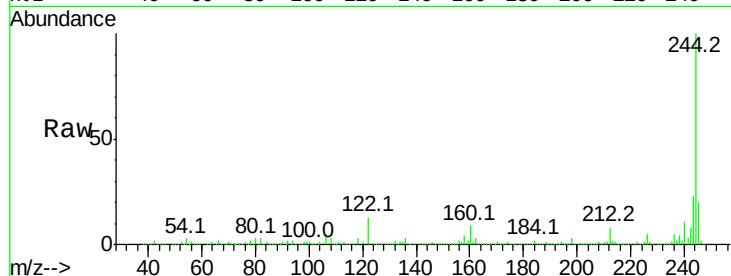
Tot Ion:244 Resp: 2001100

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

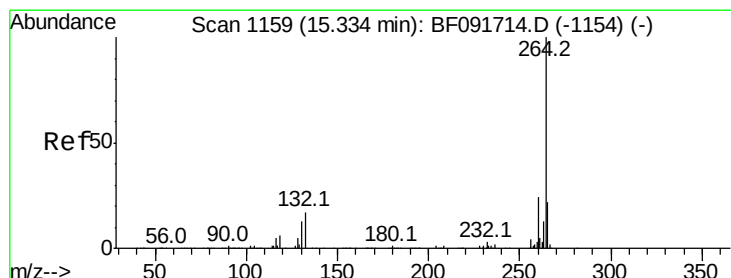
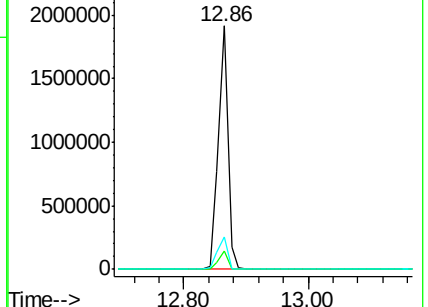
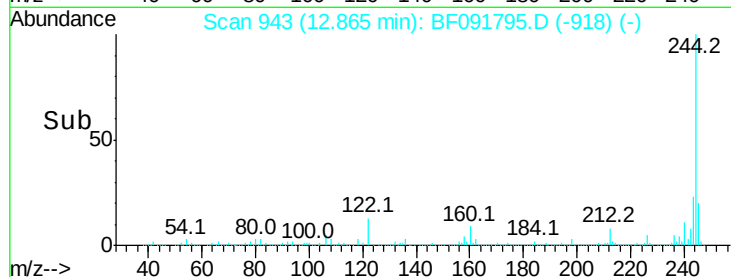
122 13.1 11.4 17.2



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: 15.31 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF091795.D

Acq: 20 Dec 2016 1:26

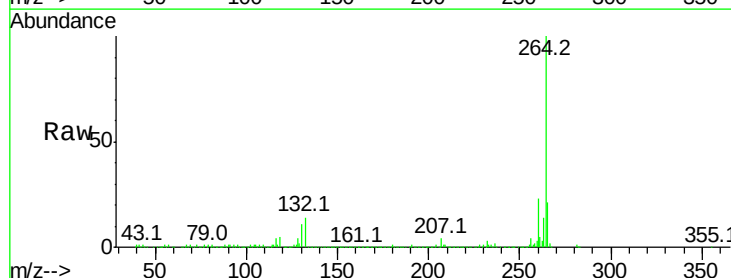
Tgt Ion:264 Resp: 470673

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.5 17.4 26.0



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

