

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091087.D
 Acq On : 8 Nov 2016 17:39
 Operator : UM/SJ
 Sample : H5581-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW18

Quant Time: Nov 09 02:18:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	188943	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	772870	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	417197	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	596789	20.00	ng	0.00
75) Chrysene-d12	13.80	240	439057	20.00	ng	-0.01
86) Perylene-d12	15.19	264	331804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	760080	66.44	ng	0.01
7) Phenol-d6	6.32	99	653411	42.08	ng	0.00
23) Nitrobenzene-d5	7.23	82	1323240	93.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	507458	134.54	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2237945	92.35	ng	-0.01
78) Terphenyl-d14	12.77	244	2091831	118.89	ng	0.01

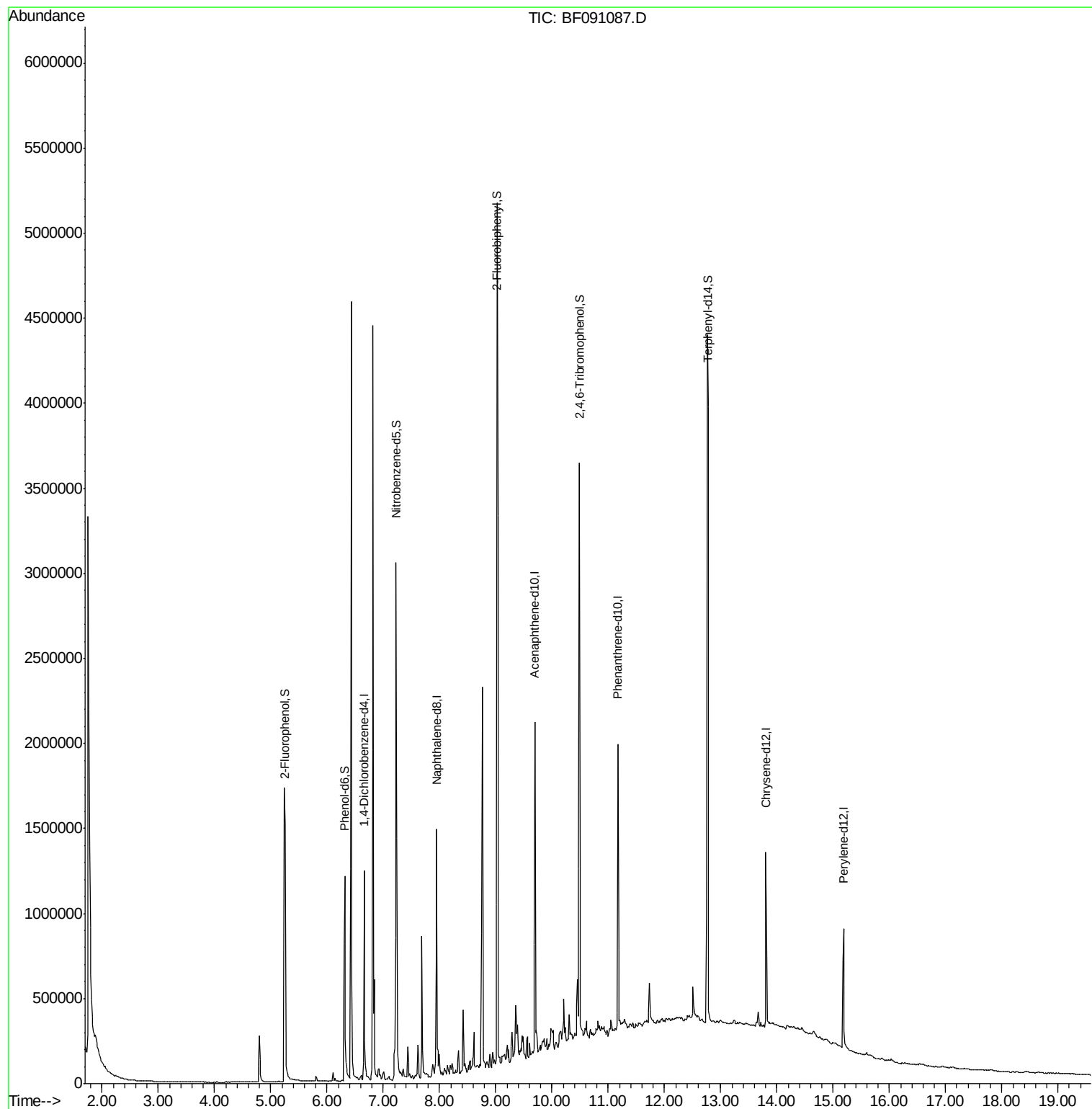
Target Compounds Qvalue

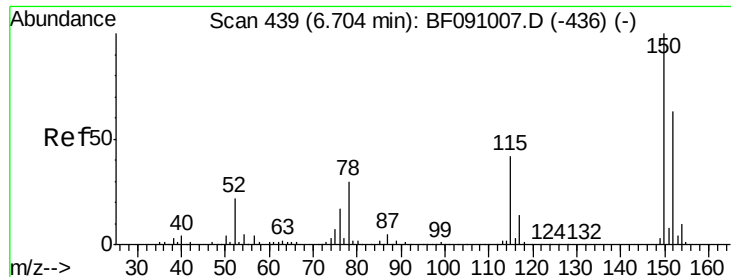
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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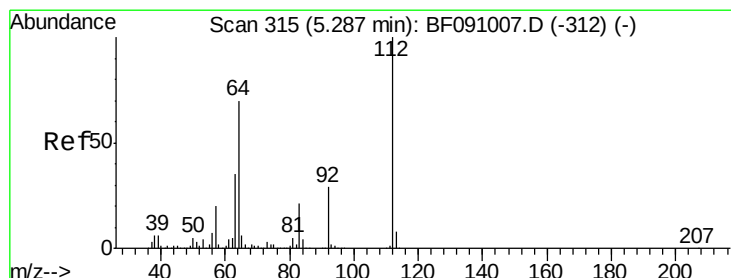
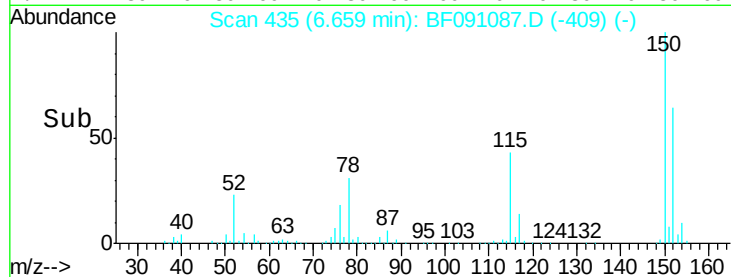
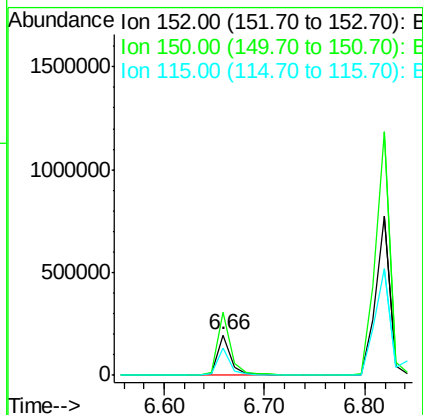
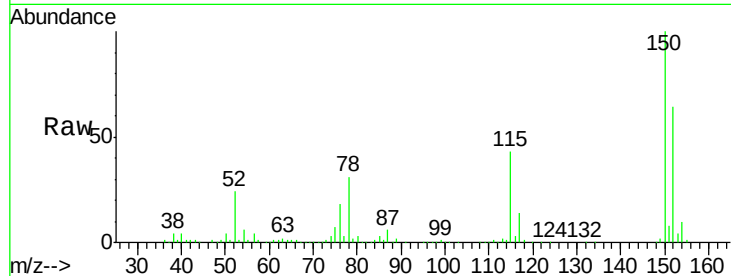


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091087.D
Acq: 8 Nov 2016 17:39

Instrument :
BNA_F
ClientSampleId :
MW18

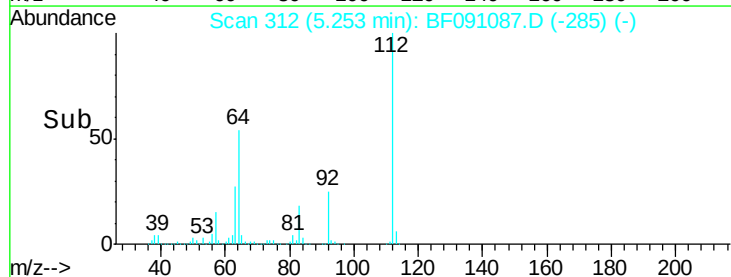
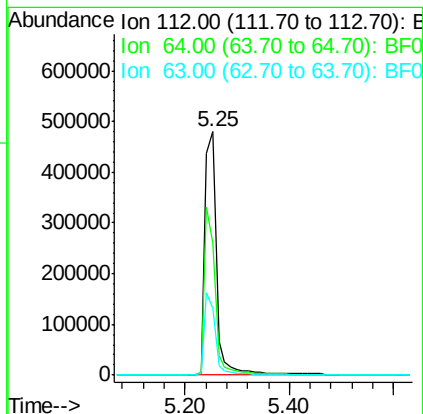
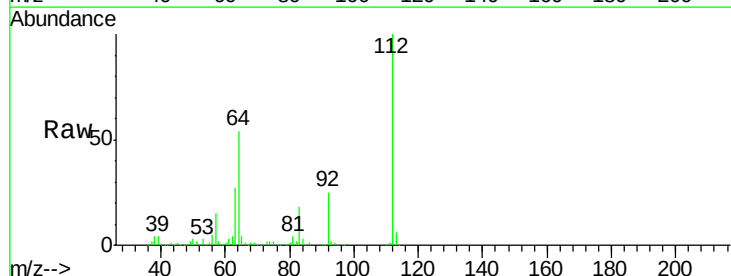
Tot Ion:152 Resp: 188943
Ion Ratio Lower Upper
152 100
150 157.1 126.8 190.2
115 67.0 53.3 79.9

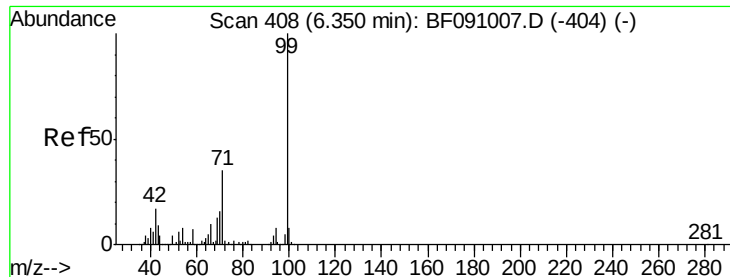


#5

2-Fluorophenol
Concen: 66.44 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091087.D
Acq: 8 Nov 2016 17:39

Tgt Ion:112 Resp: 760080
Ion Ratio Lower Upper
112 100
64 54.1 55.8 83.6#
63 27.3 28.0 42.0#





#7

Phenol-d6

Concen: 42.08 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091087.D

Acq: 8 Nov 2016 17:39

Instrument :

BNA_F

ClientSampleId :

MW18

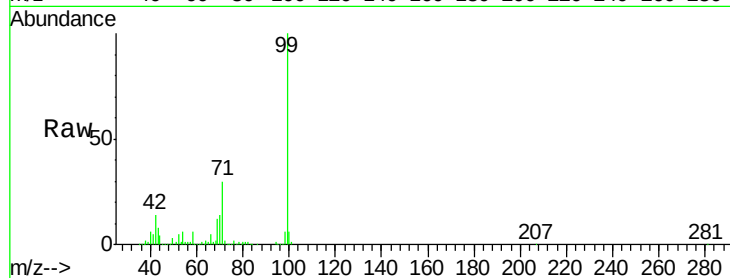
Tot Ion: 99 Resp: 653411

Ion Ratio Lower Upper

99 100

42 14.3 13.9 20.9

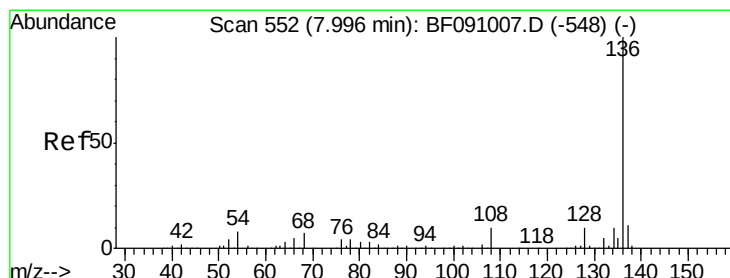
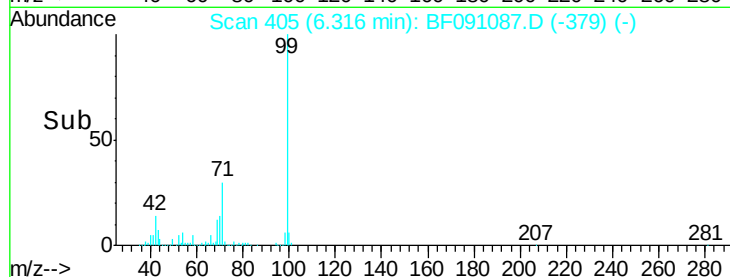
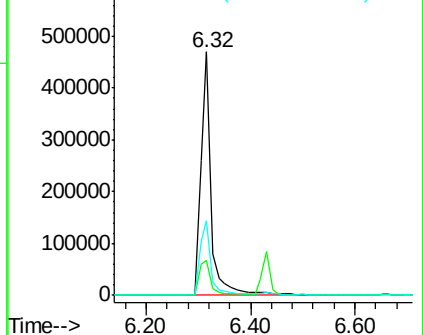
71 30.4 27.8 41.8



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: 7.95 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF091087.D

Acq: 8 Nov 2016 17:39

Tgt Ion: 136 Resp: 772870

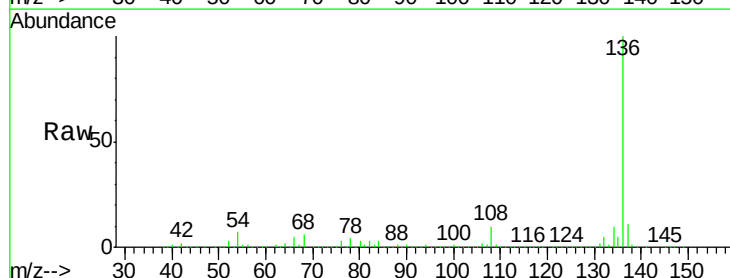
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.2 9.2

68 6.3 5.5 8.3

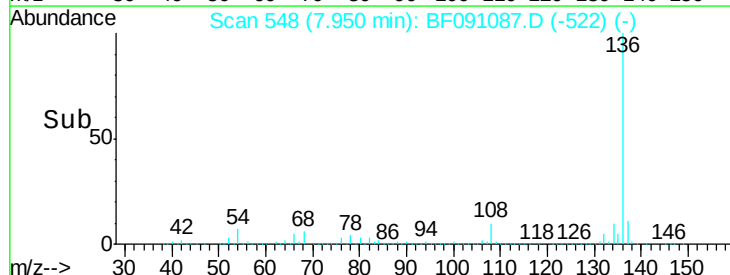
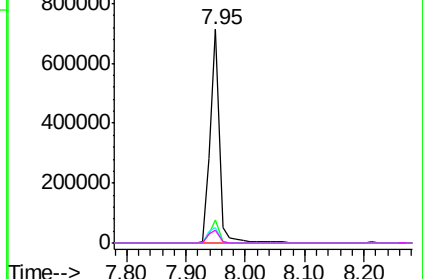


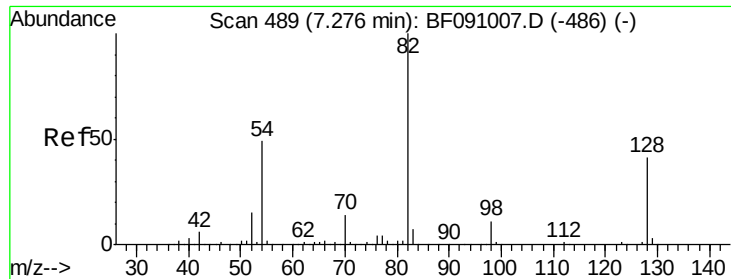
Abundance Ion 136.00 (135.70 to 136.70): E

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



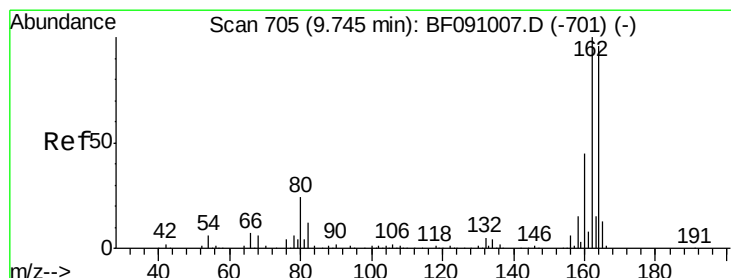
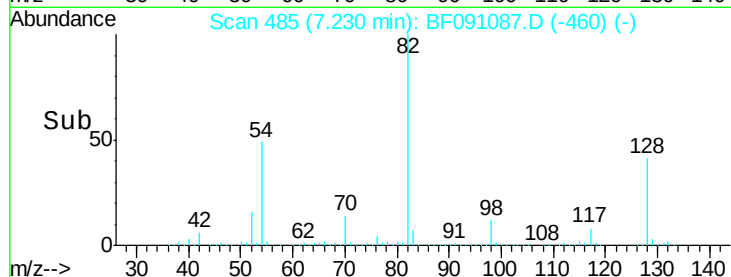
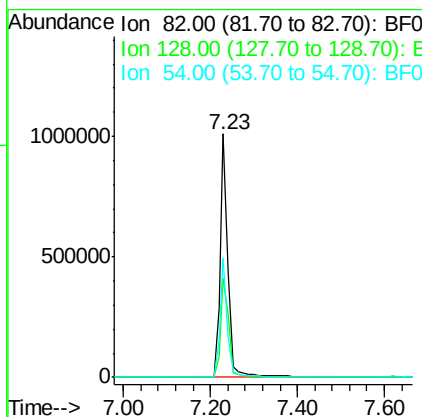
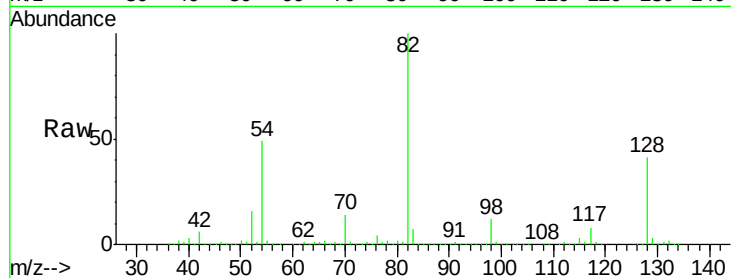


#23
 Nitrobenzene-d5
 Concen: 93.40 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091087.D
 Acq: 8 Nov 2016 17:39

Instrument :
 BNA_F
 ClientSampleId :
 MW18

Tot Ion: 82 Resp: 1323240

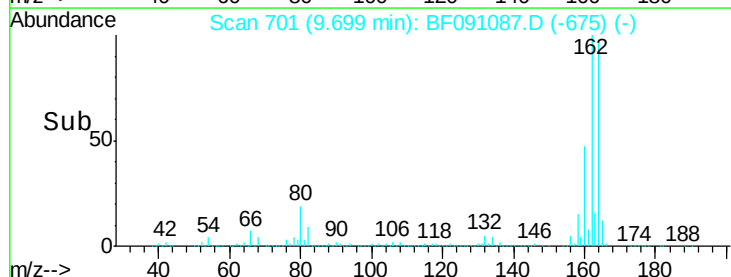
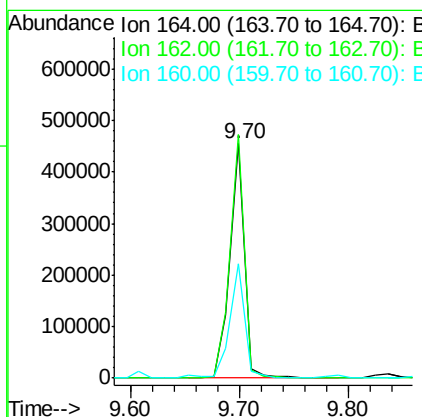
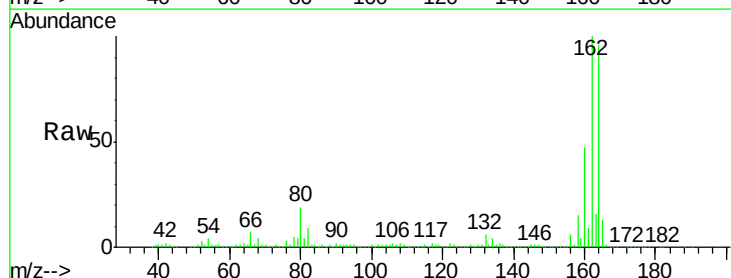
Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.4	48.6
54	49.1	39.2	58.8

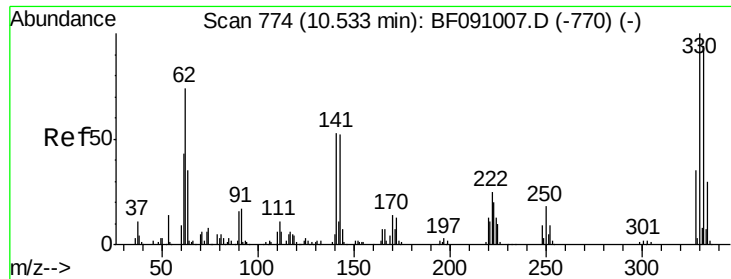


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF091087.D
 Acq: 8 Nov 2016 17:39

Tgt Ion:164 Resp: 417197

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.6	125.4
160	49.0	37.9	56.9

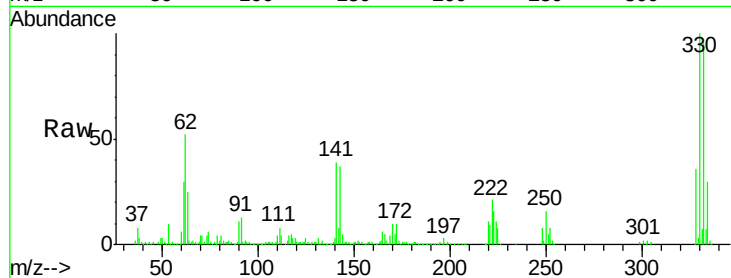




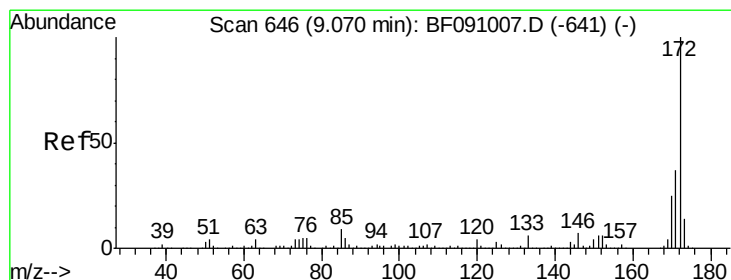
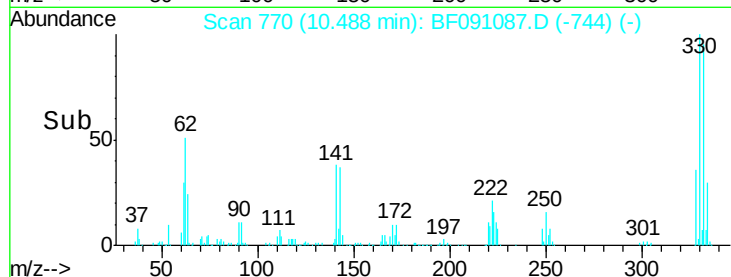
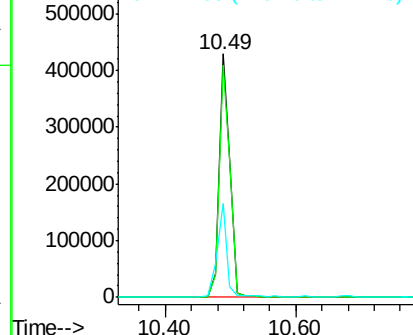
#41
 2,4,6-Tribromophenol
 Concen: 134.54 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091087.D
 Acq: 8 Nov 2016 17:39

Instrument :
 BNA_F
 ClientSampleId :
 MW18

Tot Ion:330 Resp: 507458
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.9 113.9
 141 34.4 36.1 54.1#

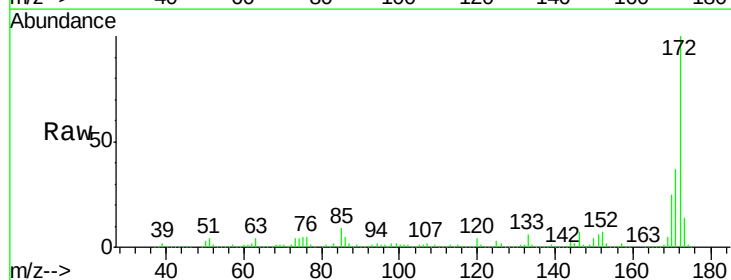


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

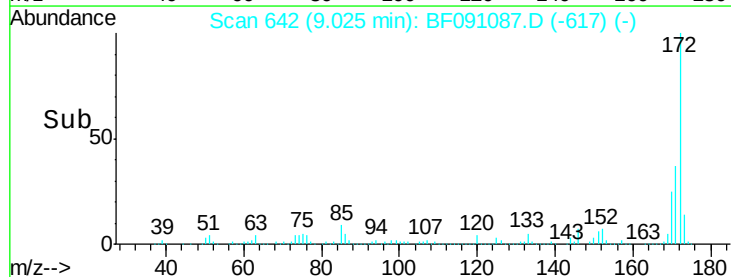
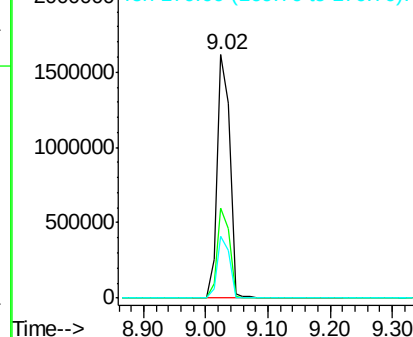


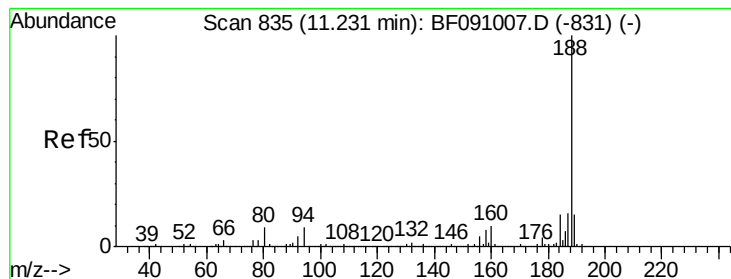
#44
 2-Fluorobiphenyl
 Concen: 92.35 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091087.D
 Acq: 8 Nov 2016 17:39

Tgt Ion:172 Resp: 2237945
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.5 20.3 30.5



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: 11.17 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF091087.D

Acq: 8 Nov 2016 17:39

Instrument :

BNA_F

ClientSampleId :

MW18

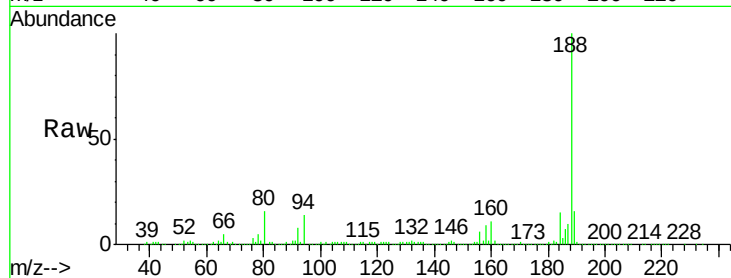
Tot Ion:188 Resp: 596789

Ion Ratio Lower Upper

188 100

94 14.0 7.0 10.4#

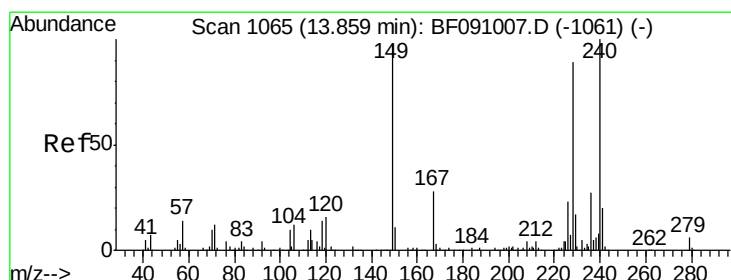
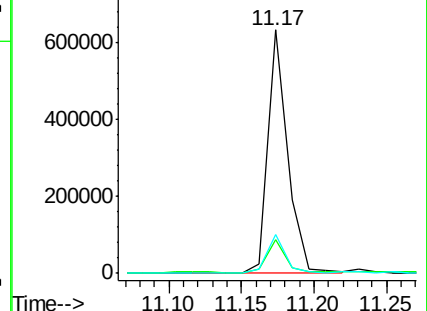
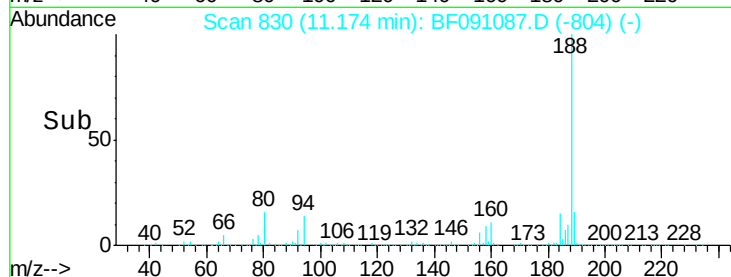
80 16.0 7.5 11.3#



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: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091087.D

Acq: 8 Nov 2016 17:39

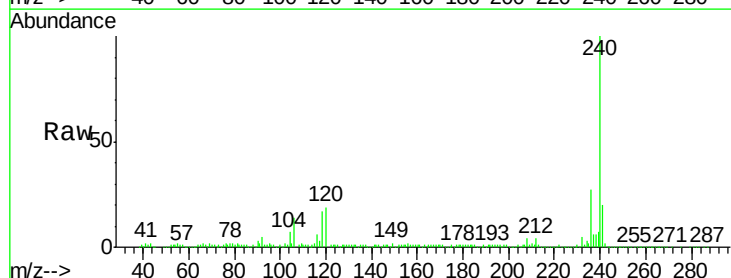
Tgt Ion:240 Resp: 439057

Ion Ratio Lower Upper

240 100

120 18.7 12.9 19.3

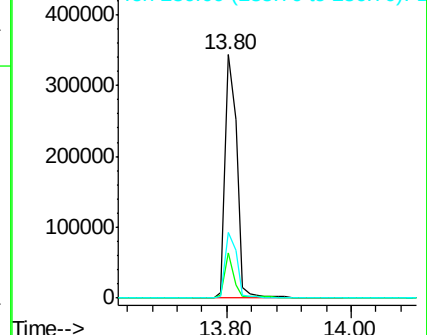
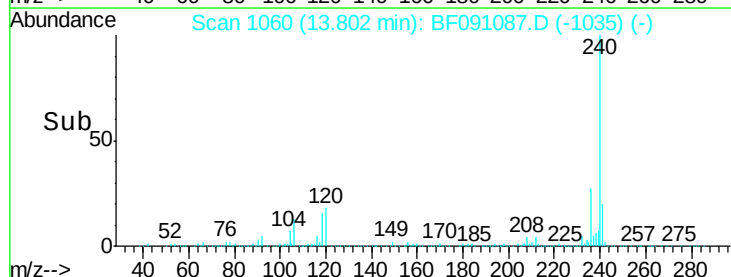
236 26.9 21.9 32.9

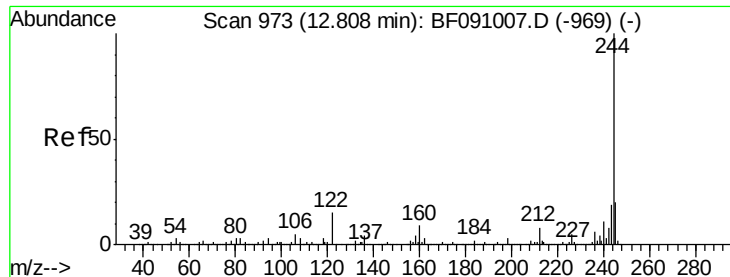


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 118.89 ng

RT: 12.77 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF091087.D

Acq: 8 Nov 2016 17:39

Instrument :

BNA_F

ClientSampleId :

MW18

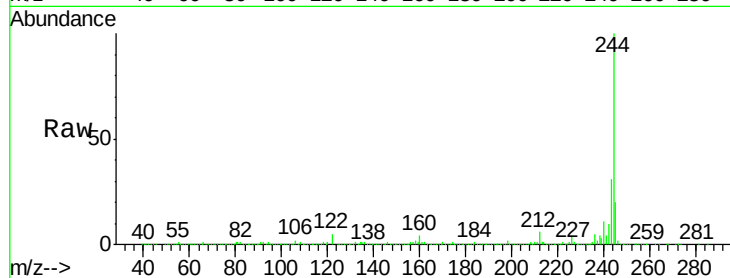
Tot Ion:244 Resp: 2091831

Ion Ratio Lower Upper

244 100

212 6.1 6.4 9.6#

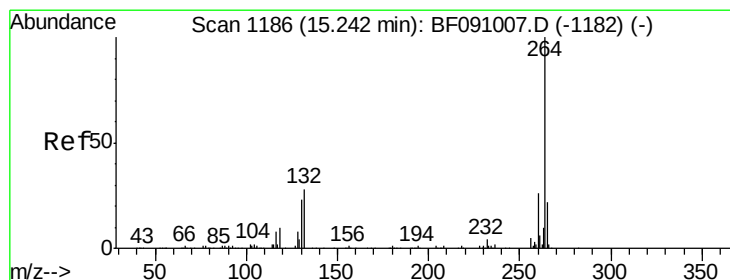
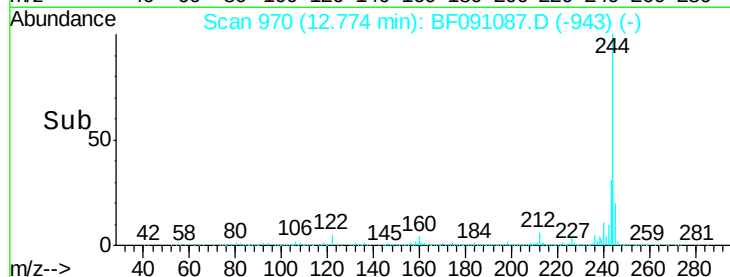
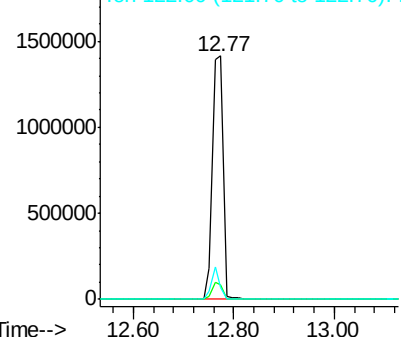
122 5.1 12.3 18.5#



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: 15.19 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF091087.D

Acq: 8 Nov 2016 17:39

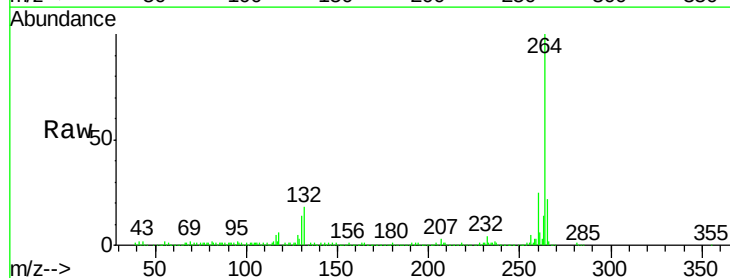
Tgt Ion:264 Resp: 331804

Ion Ratio Lower Upper

264 100

260 25.3 20.6 30.8

265 22.0 17.8 26.8



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

