

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091090.D
 Acq On : 8 Nov 2016 19:01
 Operator : UM/SJ
 Sample : H5581-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW25

Quant Time: Nov 09 02:24:38 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	174440	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	744830	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	385373	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	662060	20.00	ng	0.00
75) Chrysene-d12	13.80	240	483137	20.00	ng	-0.01
86) Perylene-d12	15.19	264	346606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	736459	69.73	ng	0.01
7) Phenol-d6	6.30	99	596949	41.64	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1298483	95.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	505580	145.11	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2044727	91.35	ng	-0.01
78) Terphenyl-d14	12.76	244	2078741	107.37	ng	0.00

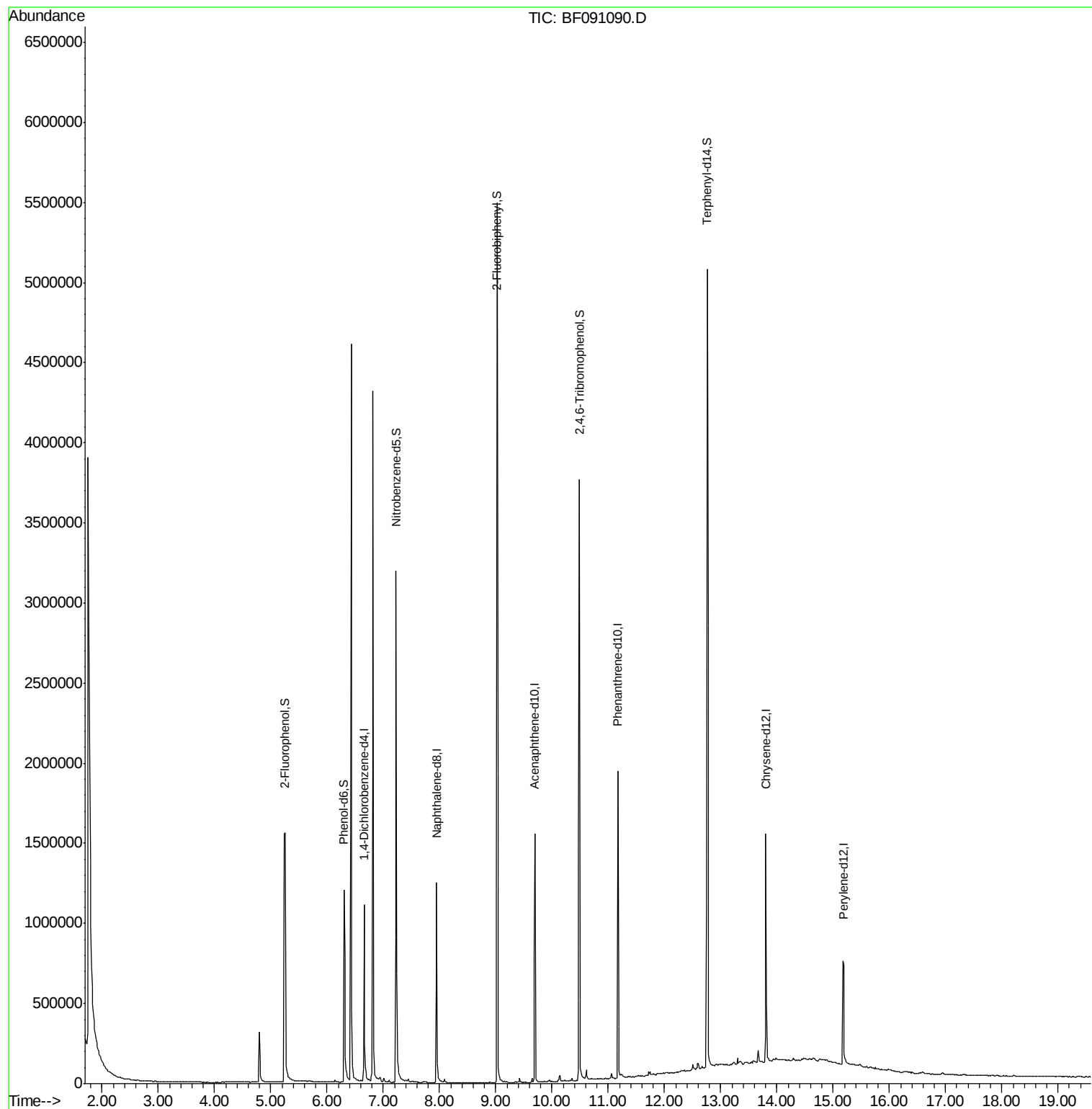
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

MW25

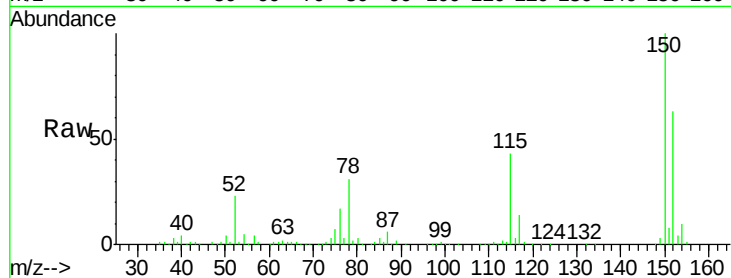
Tot Ion:152 Resp: 174440

Ion Ratio Lower Upper

152 100

150 158.4 126.8 190.2

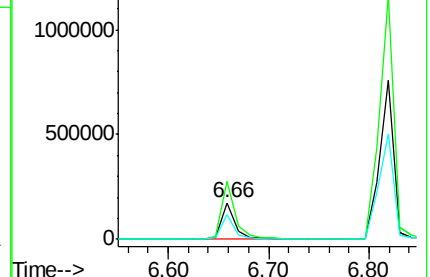
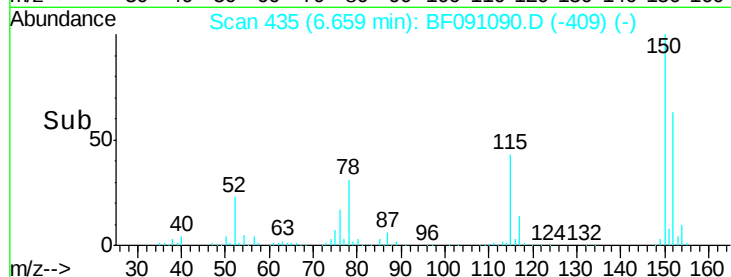
115 67.7 53.3 79.9



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: 69.73 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

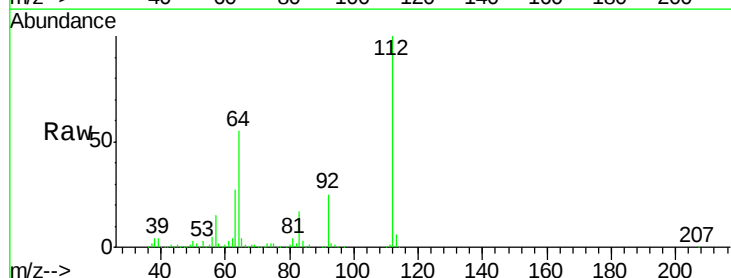
Tgt Ion:112 Resp: 736459

Ion Ratio Lower Upper

112 100

64 54.6 55.8 83.6#

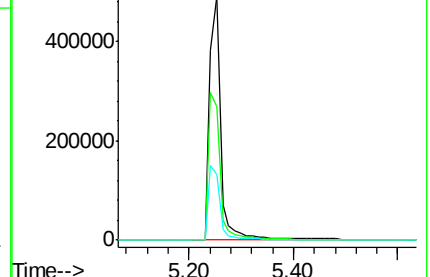
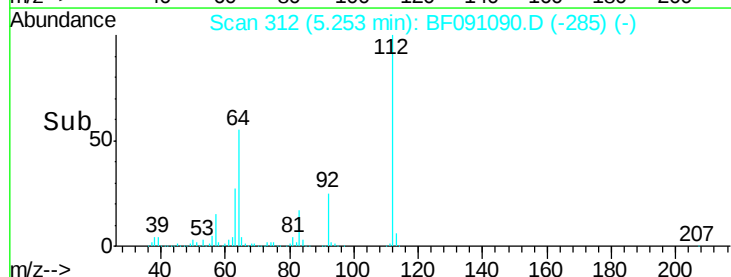
63 27.1 28.0 42.0#



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: 41.64 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

Instrument :

BNA_F

ClientSampled :

MW25

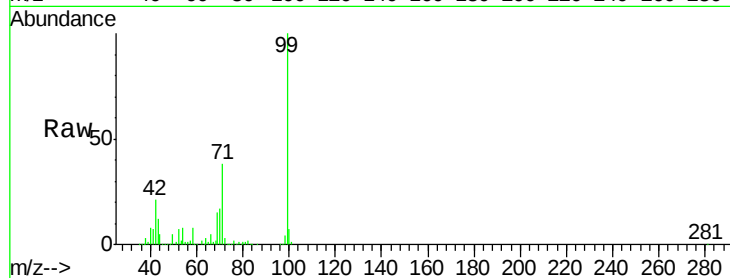
Tot Ion: 99 Resp: 596949

Ion Ratio Lower Upper

99 100

42 20.7 13.9 20.9

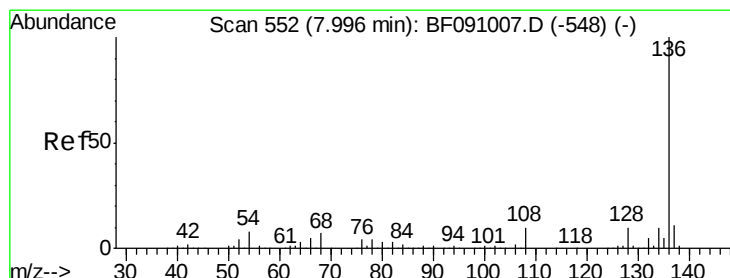
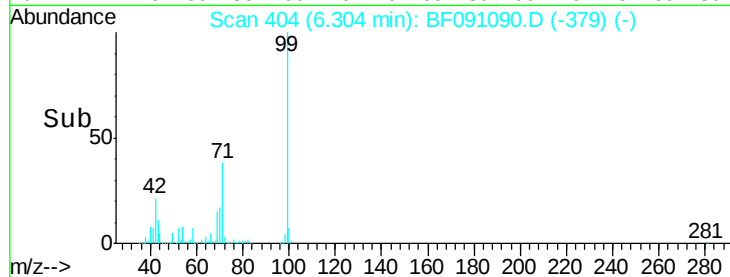
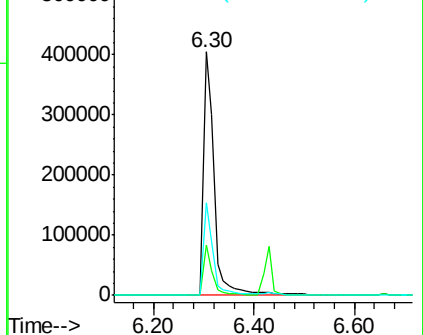
71 38.3 27.8 41.8



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: BF091090.D

Acq: 8 Nov 2016 19:01

Tgt Ion: 136 Resp: 744830

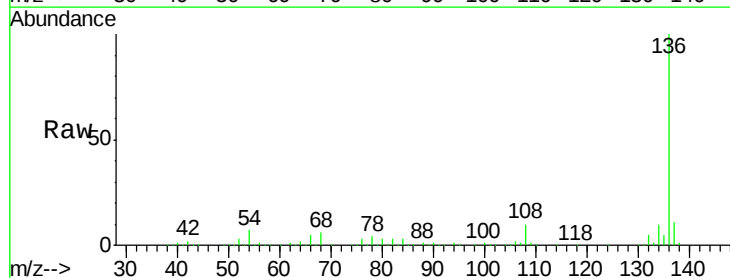
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 6.2 9.2

68 5.9 5.5 8.3

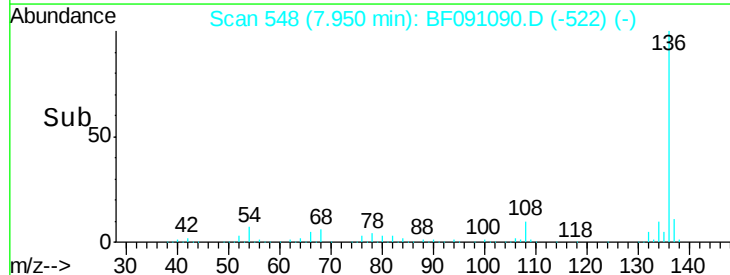
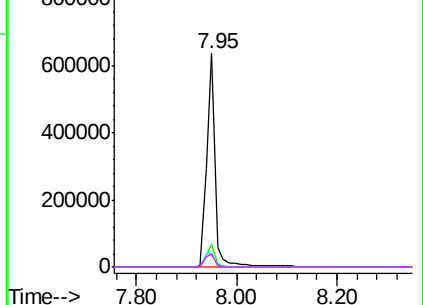


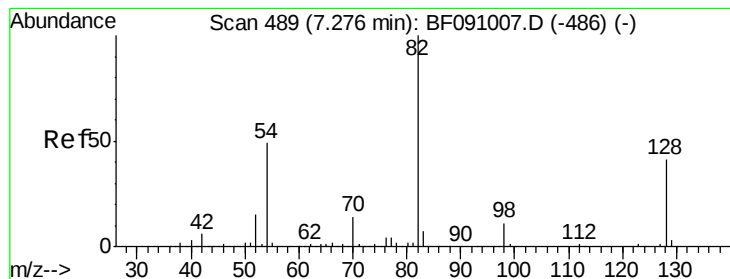
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.10 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

MW25

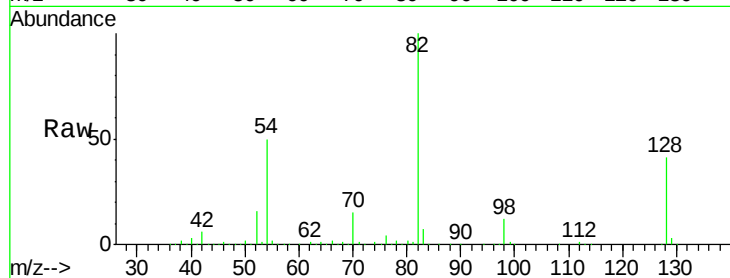
Tot Ion: 82 Resp: 1298483

Ion Ratio Lower Upper

82 100

128 40.8 32.4 48.6

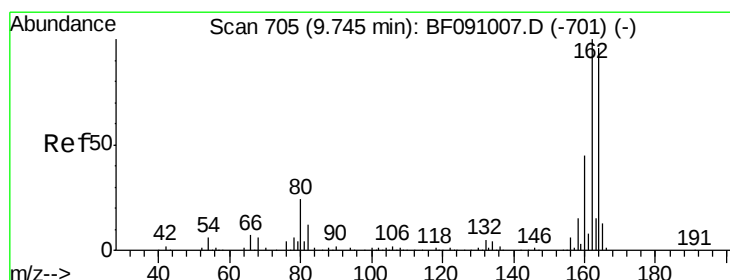
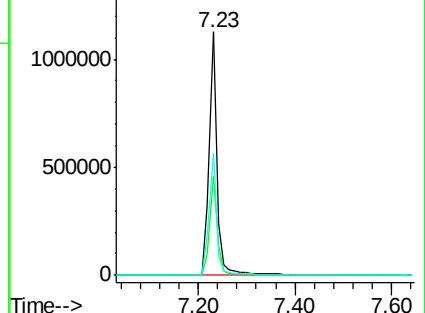
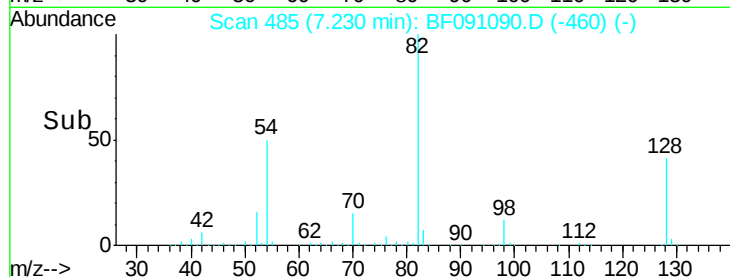
54 50.3 39.2 58.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

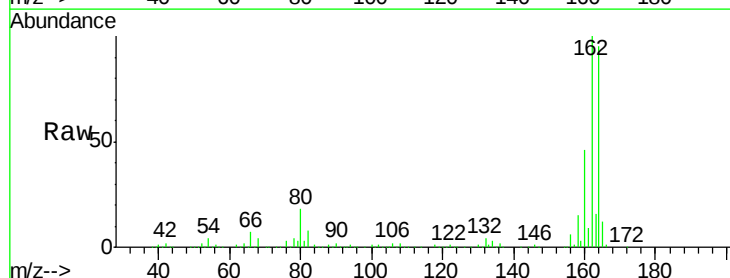
Tgt Ion:164 Resp: 385373

Ion Ratio Lower Upper

164 100

162 105.5 83.6 125.4

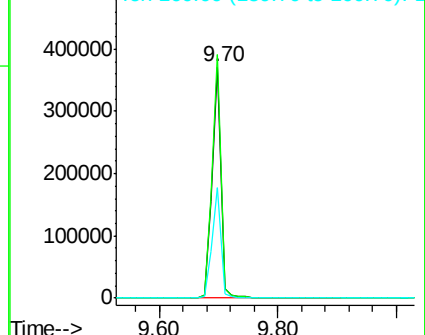
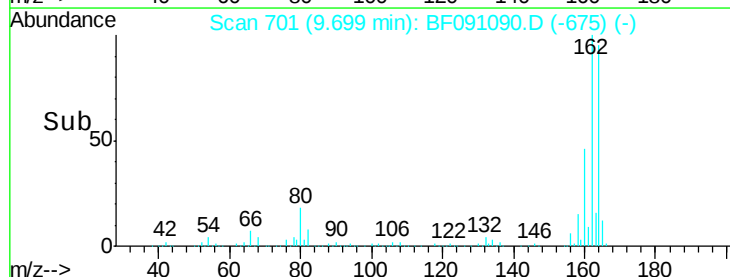
160 48.1 37.9 56.9

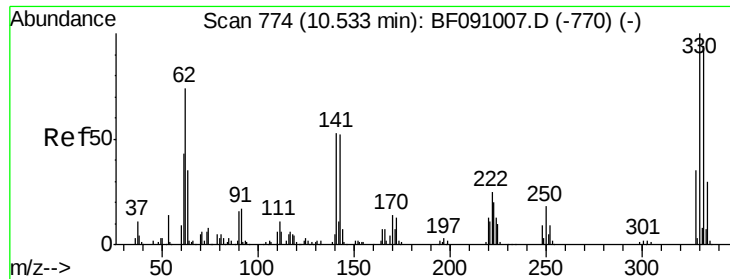


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

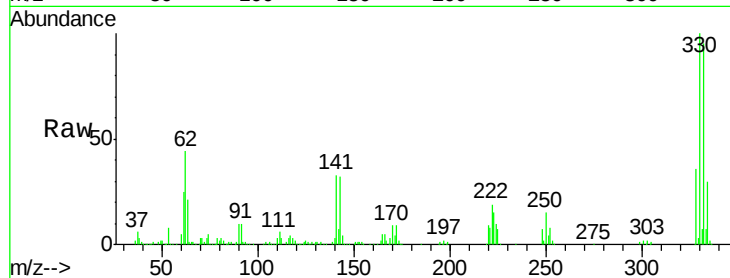




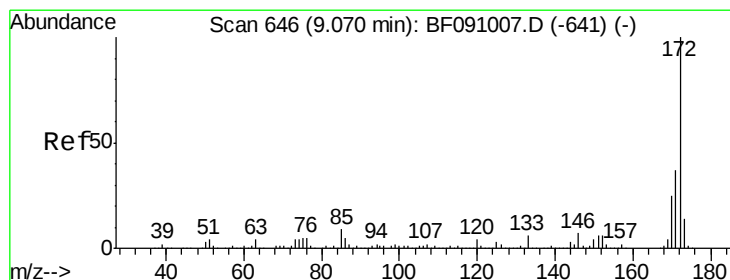
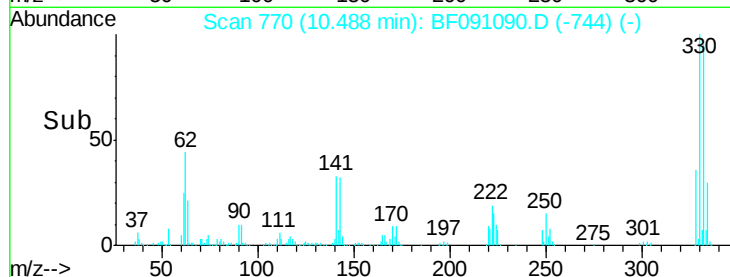
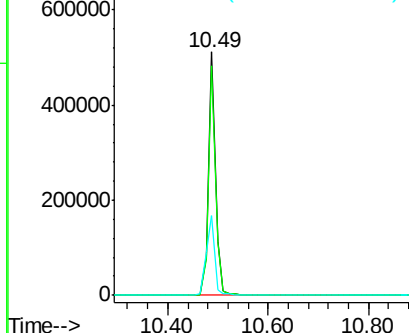
#41
 2,4,6-Tribromophenol
 Concen: 145.11 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091090.D
 Acq: 8 Nov 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 MW25

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.9	113.9
141	39.2	36.1	54.1

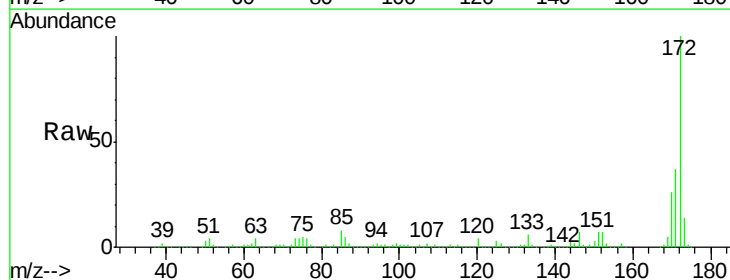


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

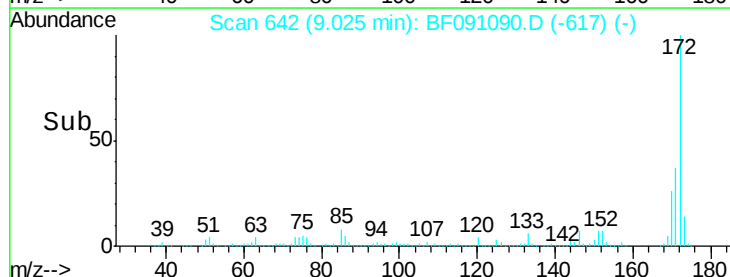
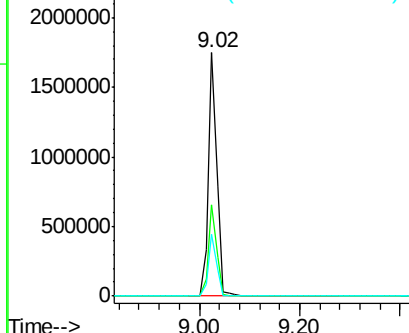


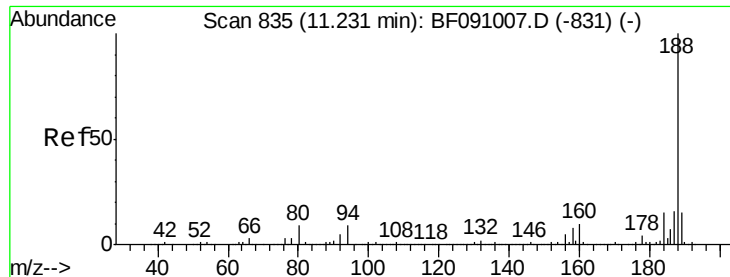
#44
 2-Fluorobiphenyl
 Concen: 91.35 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091090.D
 Acq: 8 Nov 2016 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.6	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

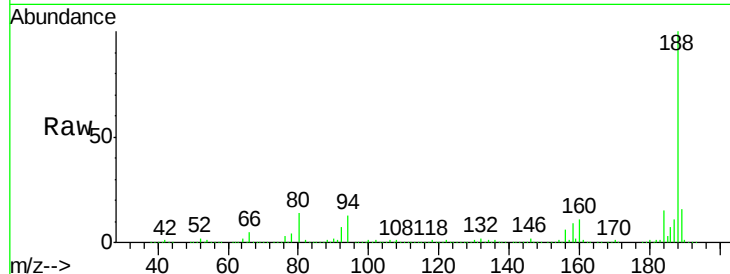




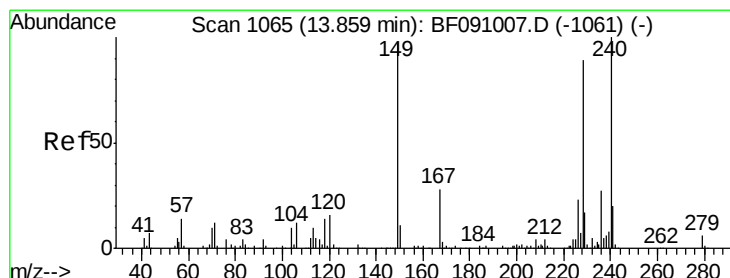
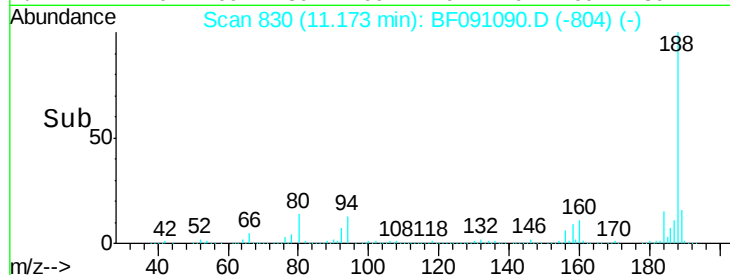
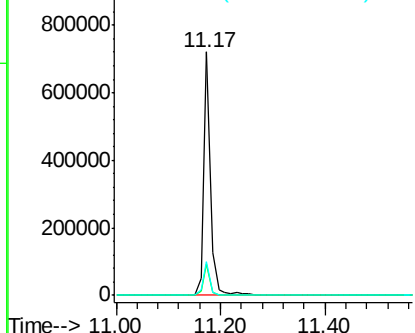
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tot Ion:188 Resp: 662060
Ion Ratio Lower Upper
188 100
94 12.6 7.0 10.4#
80 14.1 7.5 11.3#

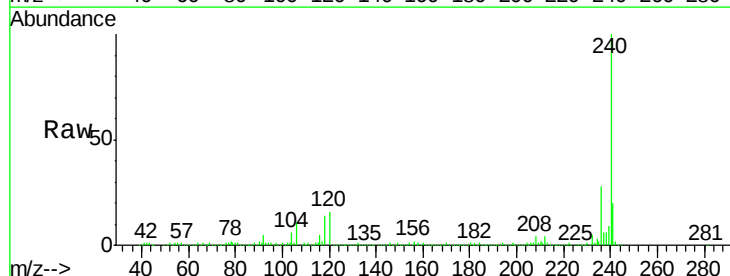


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

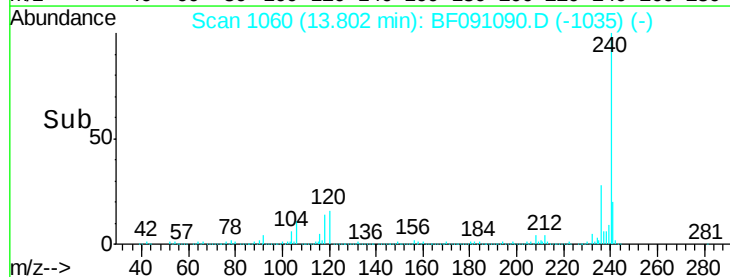
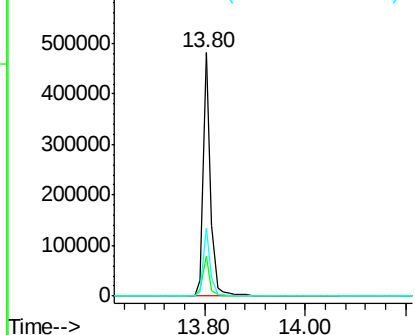


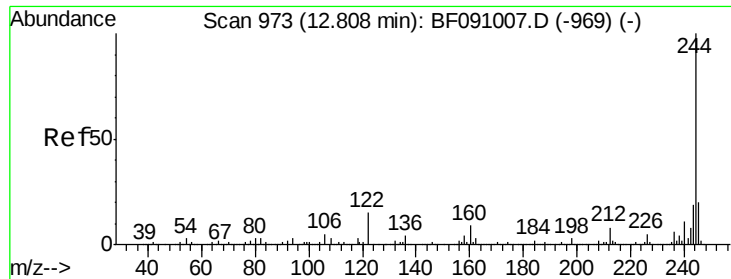
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:240 Resp: 483137
Ion Ratio Lower Upper
240 100
120 16.3 12.9 19.3
236 27.8 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

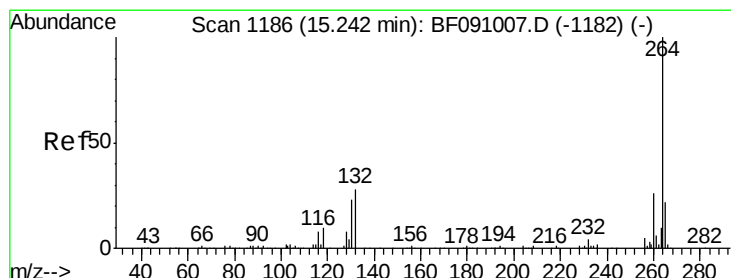
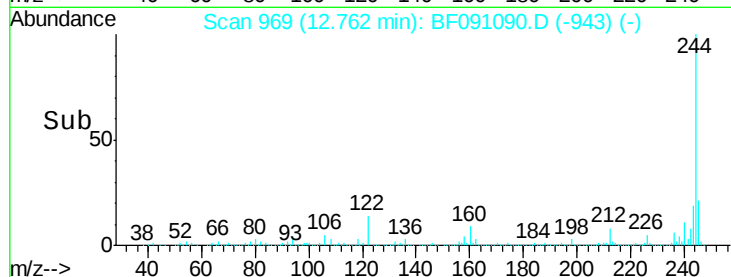
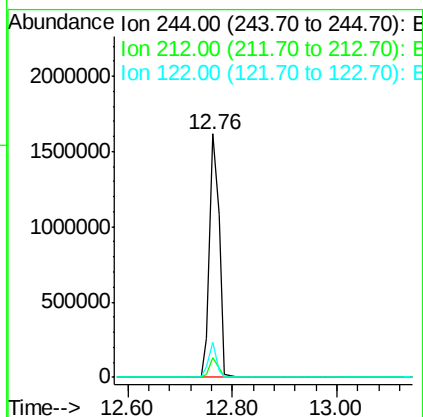
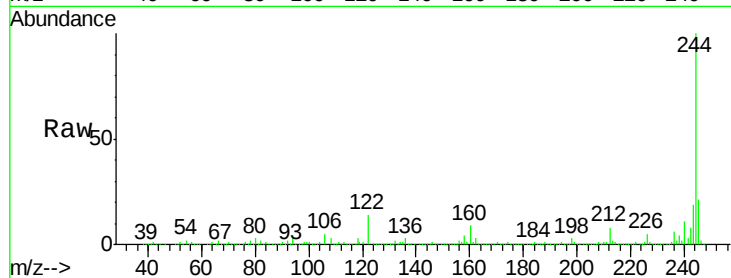




#78
 Terphenyl-d14
 Concen: 107.37 ng
 RT: 12.76 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF091090.D
 Acq: 8 Nov 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 MW25

Tot Ion:244 Resp: 2078741
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 14.2 12.3 18.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF091090.D
 Acq: 8 Nov 2016 19:01

Tgt Ion:264 Resp: 346606
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.6 30.8
 265 21.4 17.8 26.8

