

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091154.D
 Acq On : 11 Nov 2016 21:41
 Operator : UM/SJ
 Sample : H5609-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Nov 12 00:37:20 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

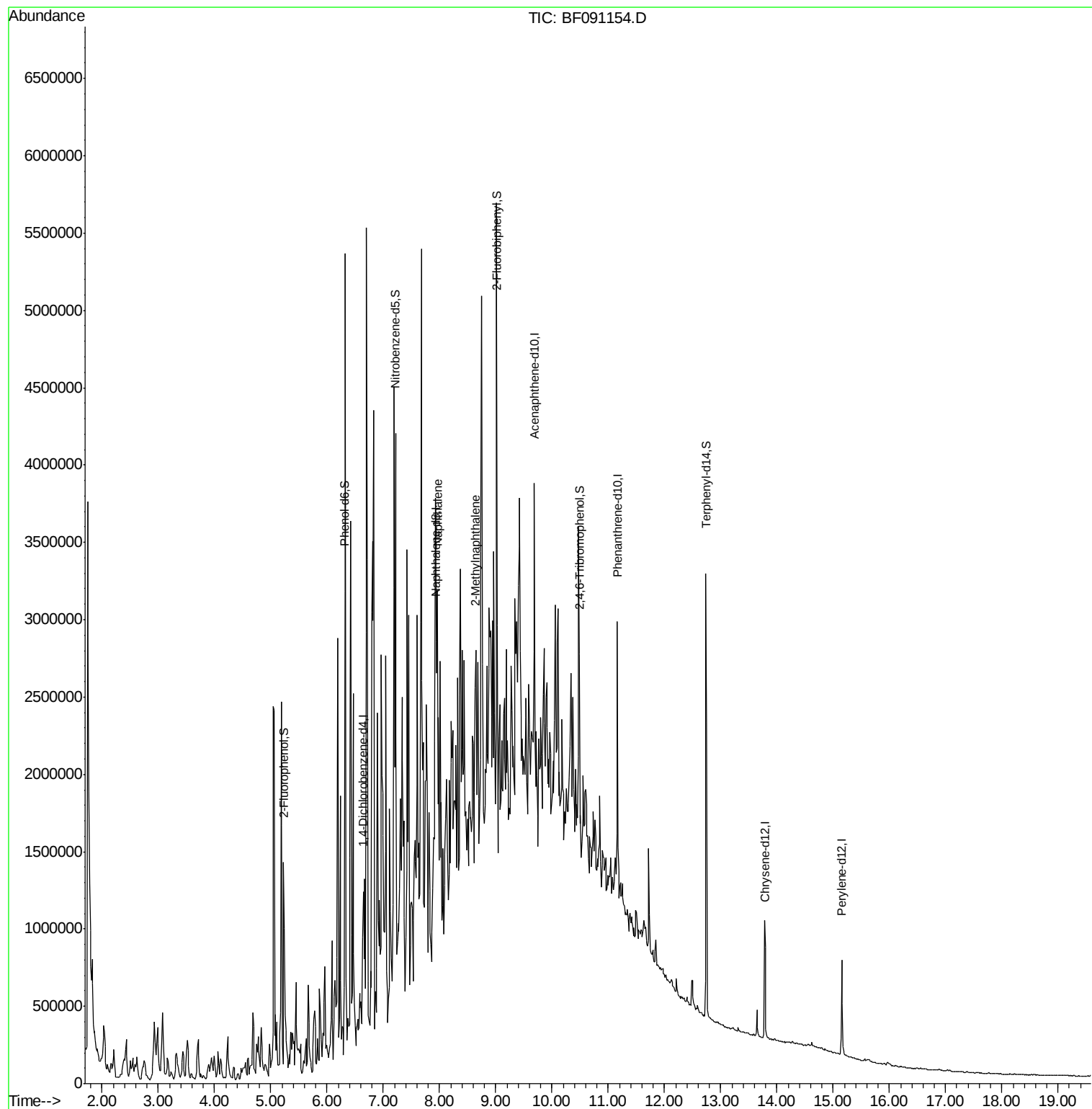
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	166450	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	659307	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	346950	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	570744	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	334810	20.00	ng	-0.02
86) Perylene-d12	15.15	264	269048	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	583632	57.91	ng	-0.01
7) Phenol-d6	6.32	99	446906	32.67	ng	0.00
23) Nitrobenzene-d5	7.22	82	869277	71.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	451327	143.89	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1472310	73.06	ng	-0.02
78) Terphenyl-d14	12.74	244	1202011	89.59	ng	-0.02
Target Compounds						
31) Naphthalene	7.96	128	769621	24.41	ng	Qvalue # 92
37) 2-Methylnaphthalene	8.65	142	357285	17.63	ng	99

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091154.D
Acq On : 11 Nov 2016 21:41
Operator : UM/SJ
Sample : H5609-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Time: Nov 12 00:37:20 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF091154.D

Acq: 11 Nov 2016 21:41

Instrument :

BNA_F

ClientSampled :

MW-4

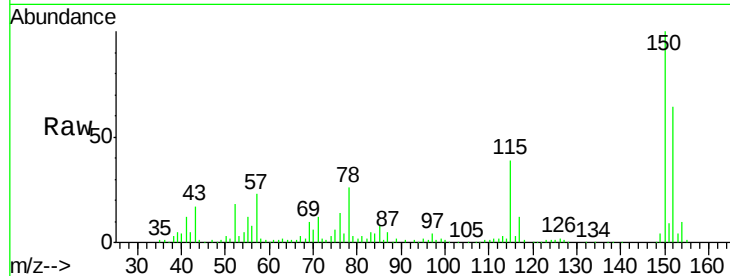
Tot Ion:152 Resp: 166450

Ion Ratio Lower Upper

152 100

150 155.5 126.8 190.2

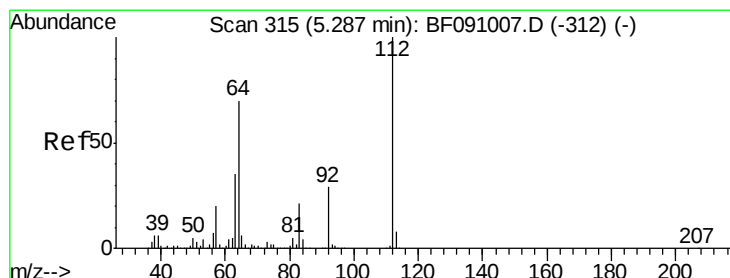
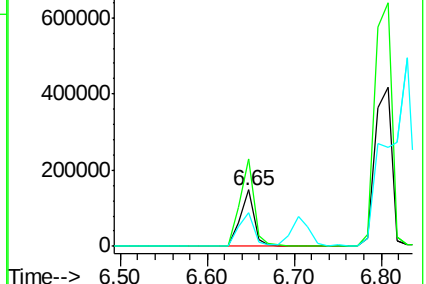
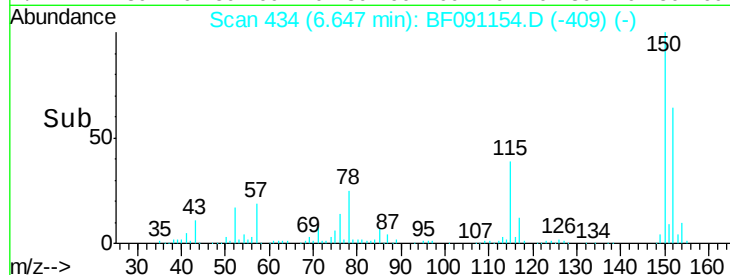
115 60.5 53.3 79.9



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: 57.91 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091154.D

Acq: 11 Nov 2016 21:41

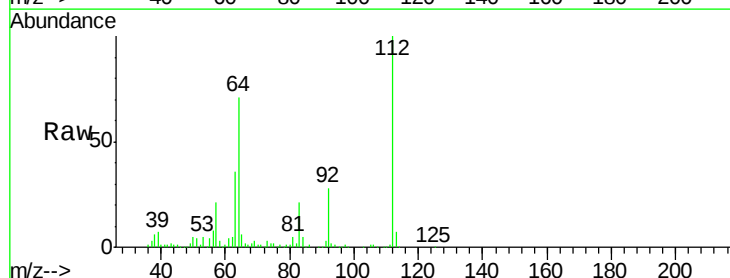
Tgt Ion:112 Resp: 583632

Ion Ratio Lower Upper

112 100

64 70.8 55.8 83.6

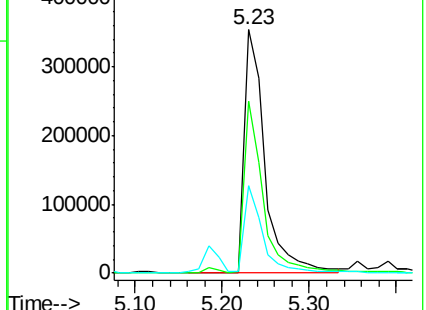
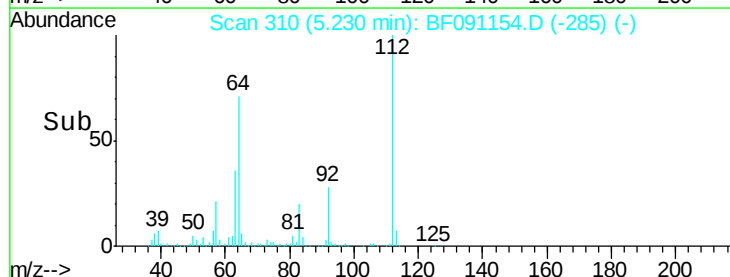
63 36.0 28.0 42.0



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: 32.67 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091154.D

Acq: 11 Nov 2016 21:41

Instrument :

BNA_F

ClientSampleId :

MW-4

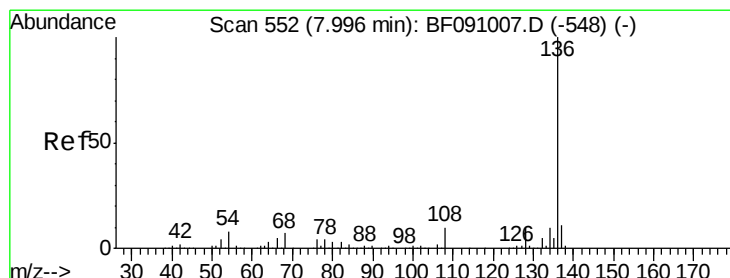
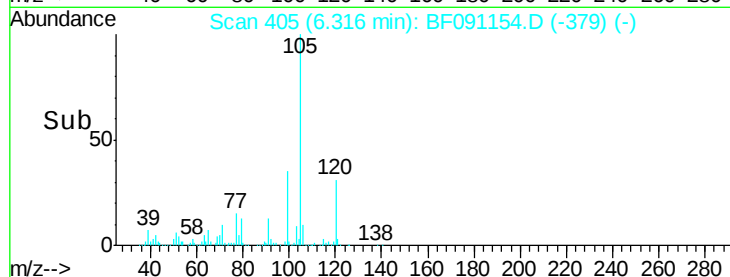
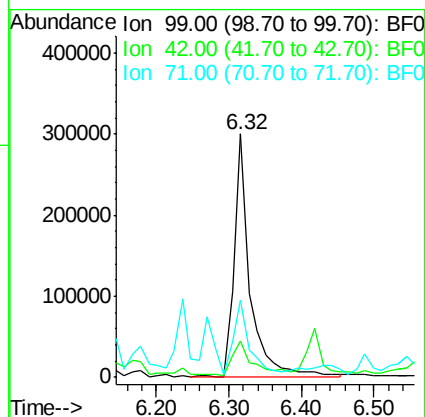
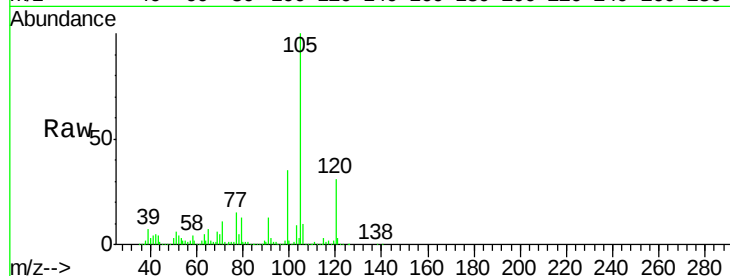
Tot Ion: 99 Resp: 446906

Ion Ratio Lower Upper

99 100

42 14.8 13.9 20.9

71 31.7 27.8 41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF091154.D

Acq: 11 Nov 2016 21:41

Tgt Ion: 136 Resp: 659307

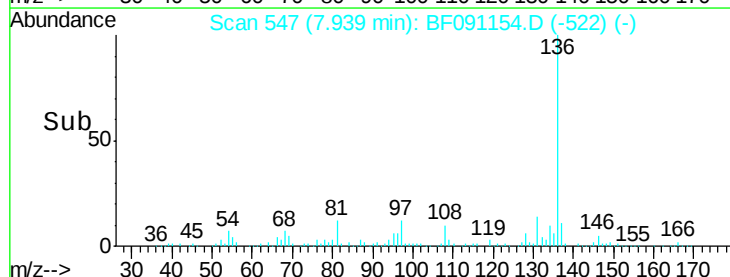
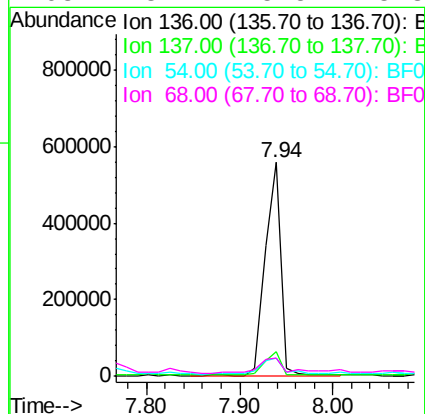
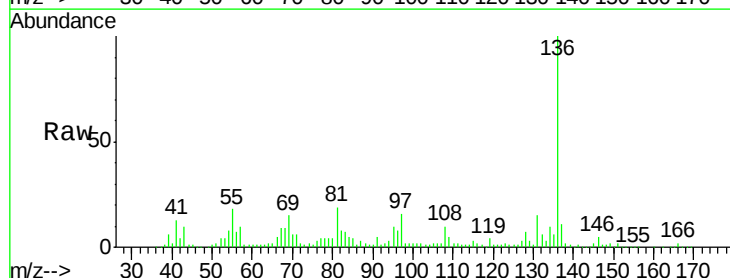
Ion Ratio Lower Upper

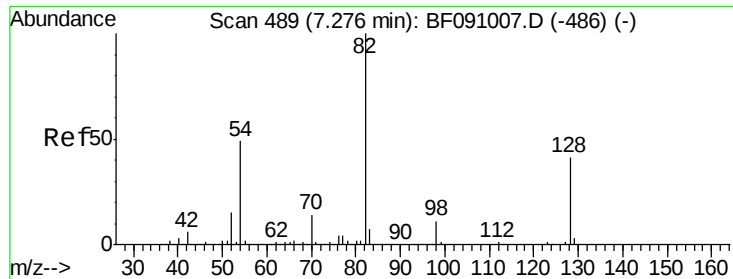
136 100

137 11.3 8.9 13.3

54 8.2 6.2 9.2

68 8.7 5.5 8.3#

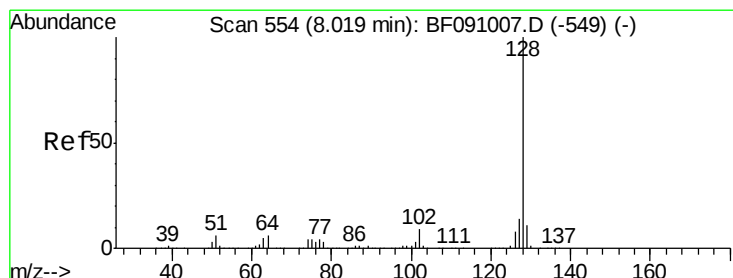
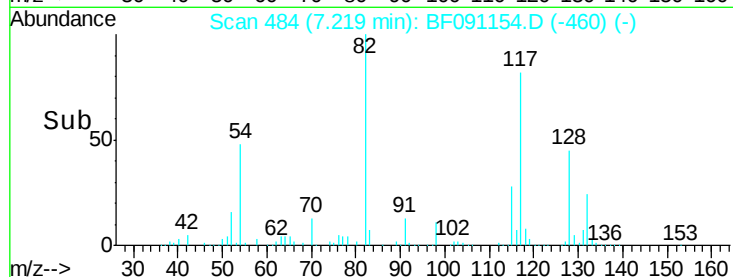
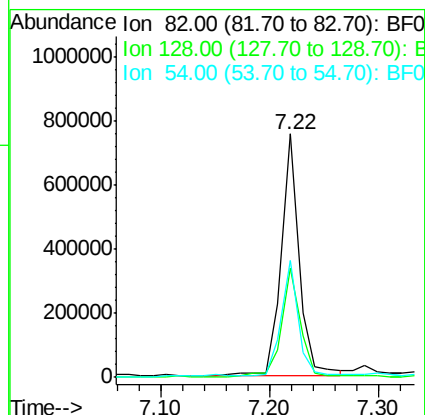
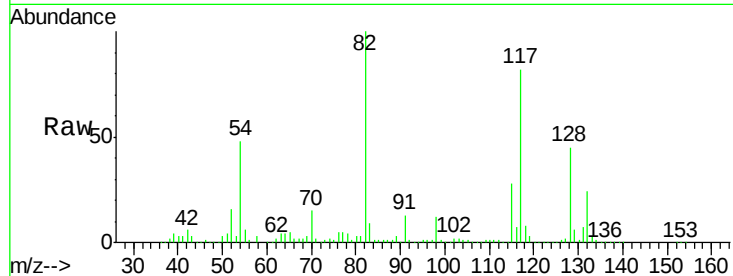




#23
Nitrobenzene-d5
Concen: 71.92 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091154.D
Acq: 11 Nov 2016 21:41

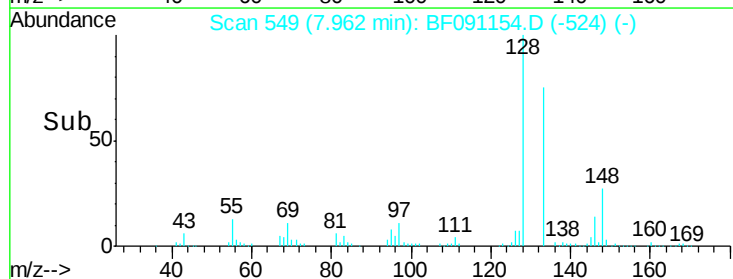
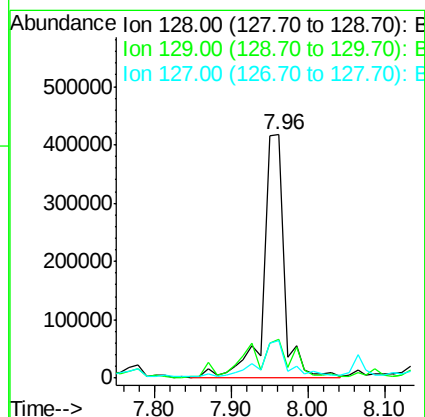
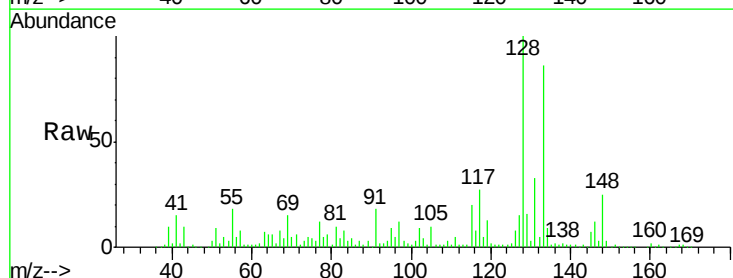
Instrument :
BNA_F
ClientSampleId :
MW-4

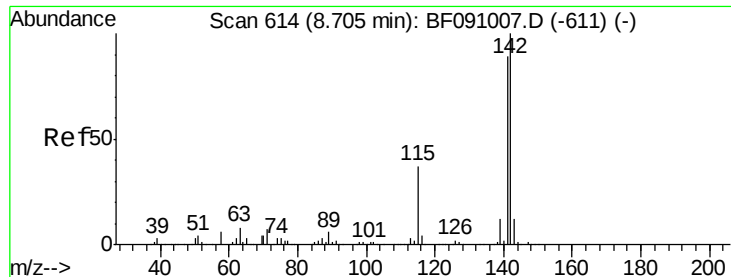
Tot Ion: 82 Resp: 869277
Ion Ratio Lower Upper
82 100
128 45.1 32.4 48.6
54 48.0 39.2 58.8



#31
Naphthalene
Concen: 24.41 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF091154.D
Acq: 11 Nov 2016 21:41

Tgt Ion: 128 Resp: 769621
Ion Ratio Lower Upper
128 100
129 16.1 9.0 13.6#
127 15.4 10.9 16.3

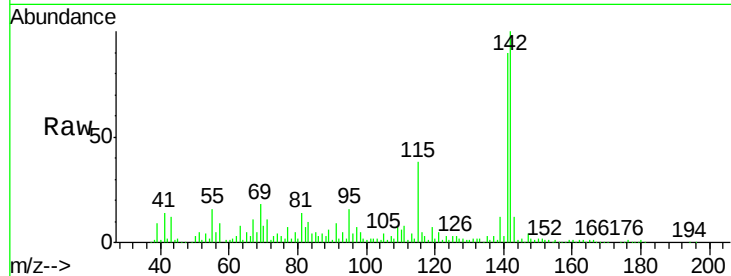




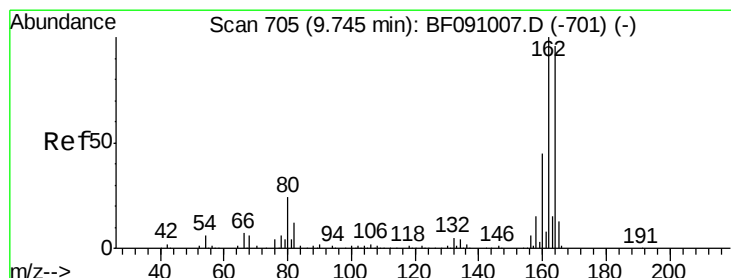
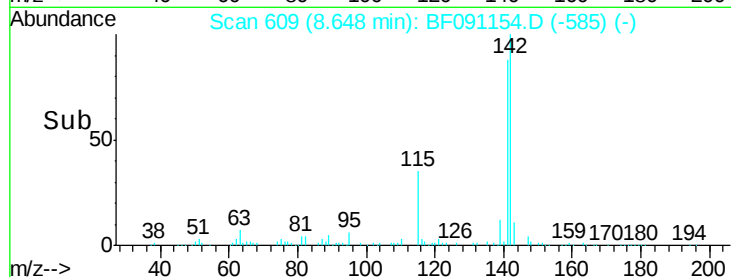
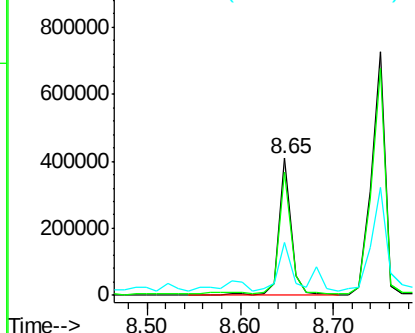
#37
2-Methylnaphthalene
Concen: 17.63 ng
RT: 8.65 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF091154.D
Acq: 11 Nov 2016 21:41

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	38.3	29.9	44.9

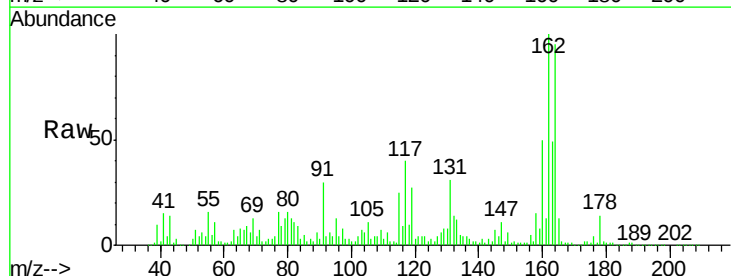


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

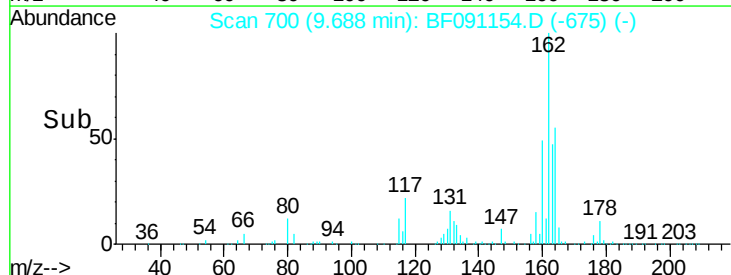
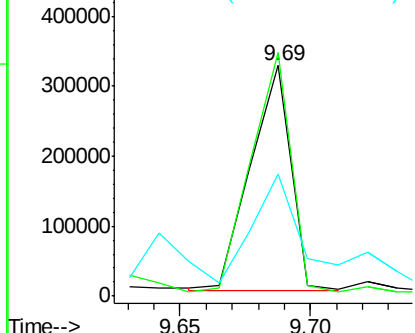


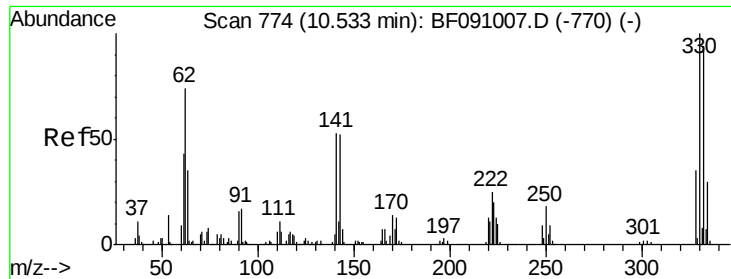
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF091154.D
Acq: 11 Nov 2016 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.6	125.4
160	53.0	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

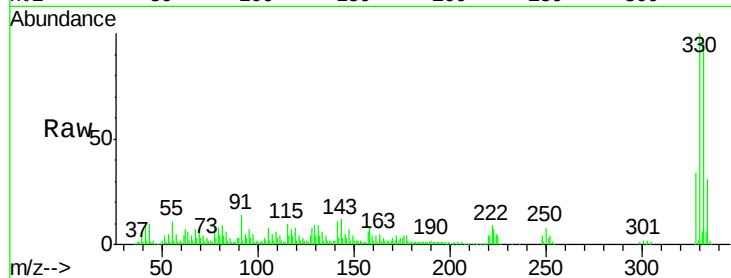




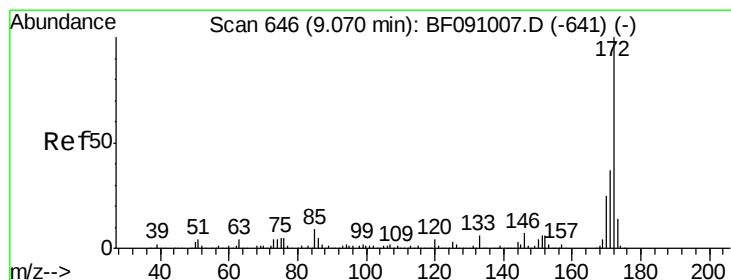
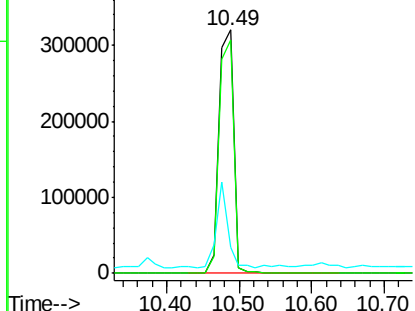
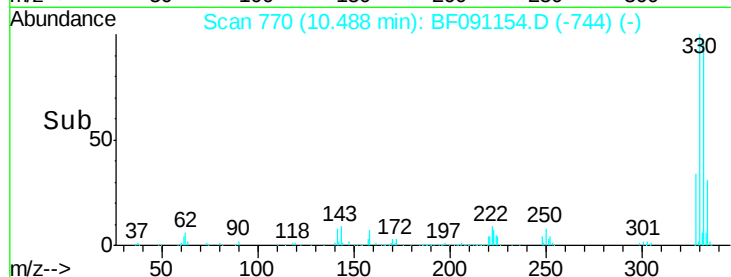
#41
 2,4,6-Tribromophenol
 Concen: 143.89 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091154.D
 Acq: 11 Nov 2016 21:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion:330 Resp: 451327
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.9 113.9
 141 27.9 36.1 54.1#

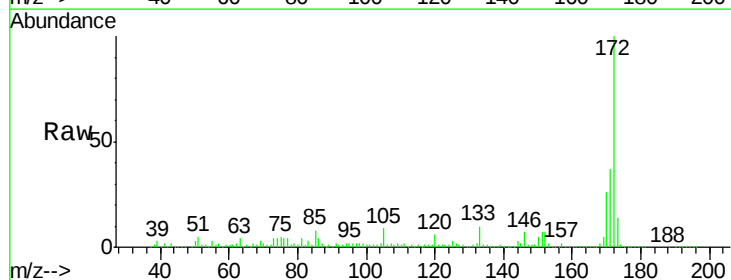


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

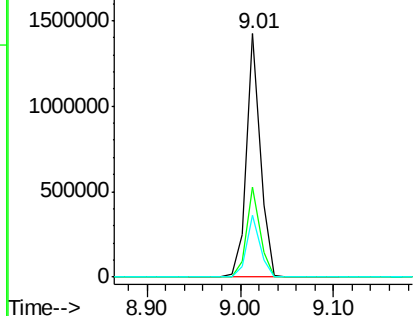
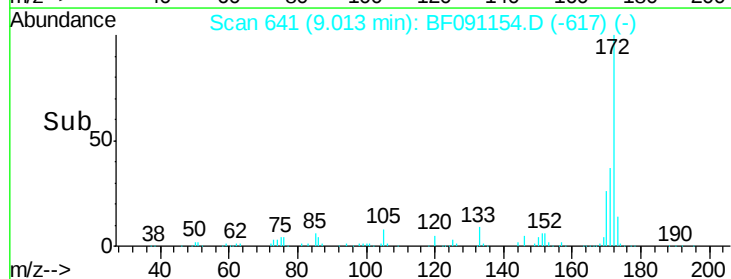


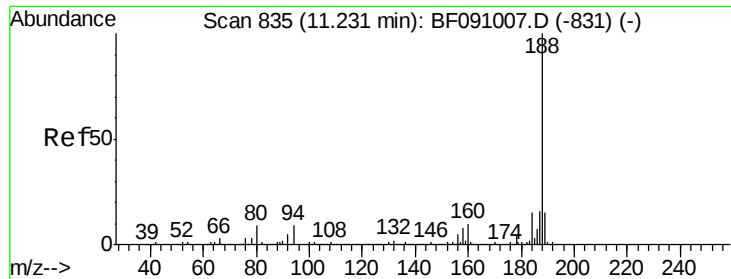
#44
 2-Fluorobiphenyl
 Concen: 73.06 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091154.D
 Acq: 11 Nov 2016 21:41

Tgt Ion:172 Resp: 1472310
 Ion Ratio Lower Upper
 172 100
 171 36.9 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: 11.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF091154.D

Acq: 11 Nov 2016 21:41

Instrument :

BNA_F

ClientSampleId :

MW-4

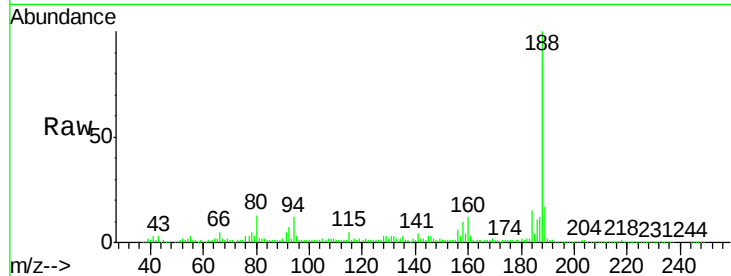
Tot Ion:188 Resp: 570744

Ion Ratio Lower Upper

188 100

94 11.9 7.0 10.4#

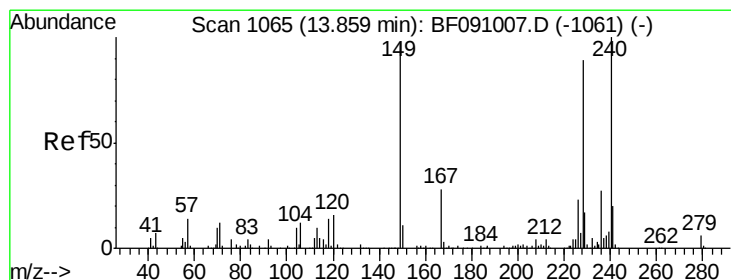
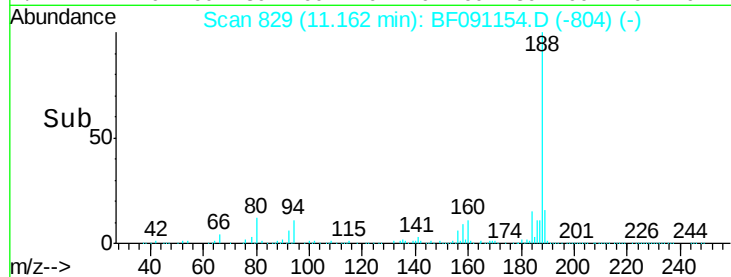
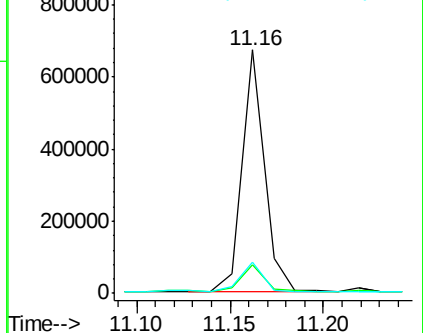
80 12.8 7.5 11.3#



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: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091154.D

Acq: 11 Nov 2016 21:41

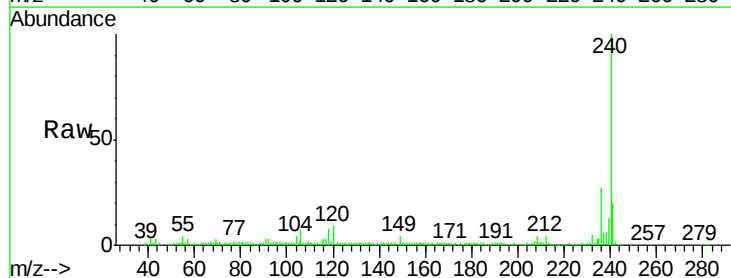
Tgt Ion:240 Resp: 334810

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

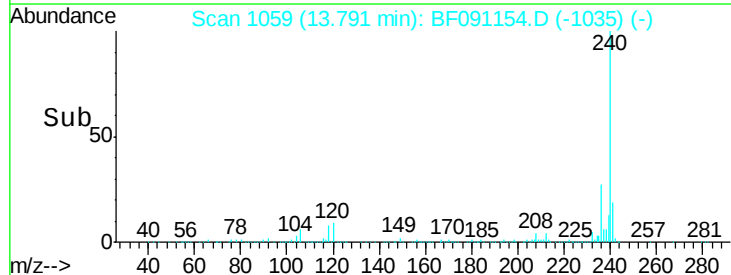
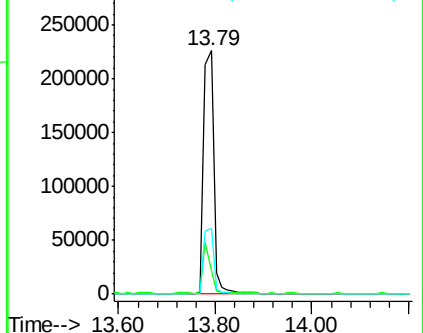
236 27.1 21.9 32.9

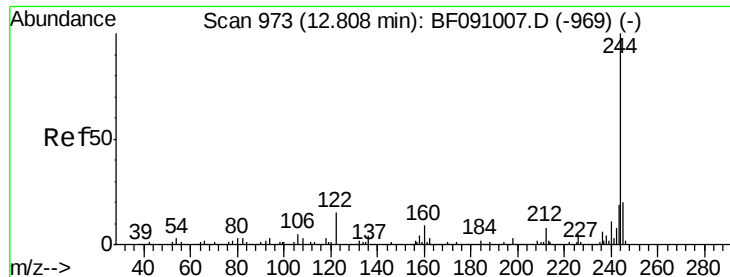


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

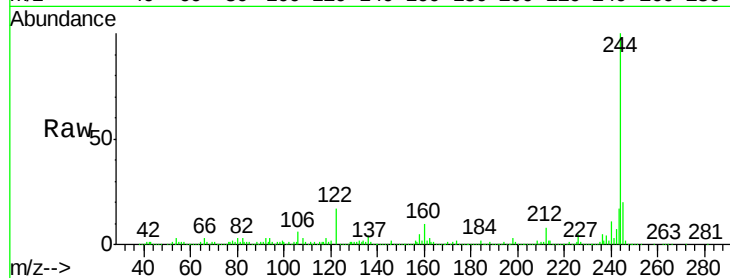




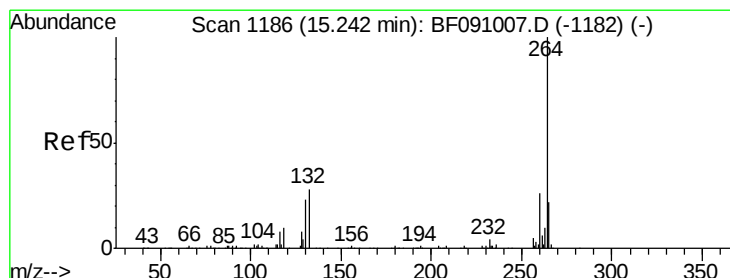
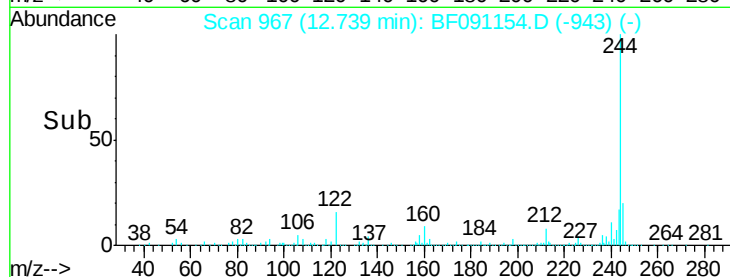
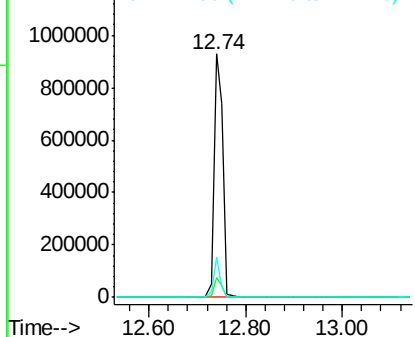
#78
 Terphenyl-d14
 Concen: 89.59 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091154.D
 Acq: 11 Nov 2016 21:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion:244 Resp: 1202011
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 16.7 12.3 18.5

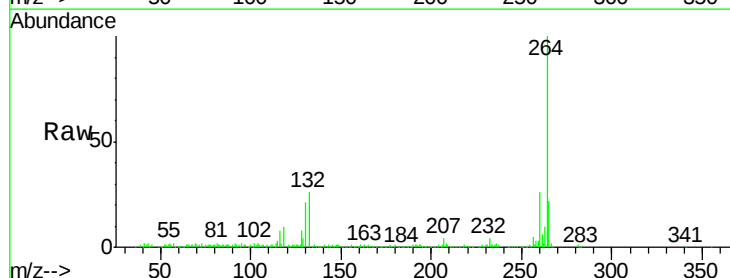


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091154.D
 Acq: 11 Nov 2016 21:41

Tgt Ion:264 Resp: 269048
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.6 30.8
 265 22.2 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

