

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091092.D
 Acq On : 8 Nov 2016 19:55
 Operator : UM/SJ
 Sample : H5581-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRW1

Quant Time: Nov 09 02:27:30 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	170936	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	719032	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	380868	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	618700	20.00	ng	0.00
75) Chrysene-d12	13.80	240	476760	20.00	ng	-0.01
86) Perylene-d12	15.17	264	343777	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	661595	63.92	ng	0.01
7) Phenol-d6	6.32	99	522040	37.16	ng	0.00
23) Nitrobenzene-d5	7.23	82	1207210	91.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	475594	138.12	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1908127	86.25	ng	-0.01
78) Terphenyl-d14	12.76	244	1982454	103.76	ng	0.00

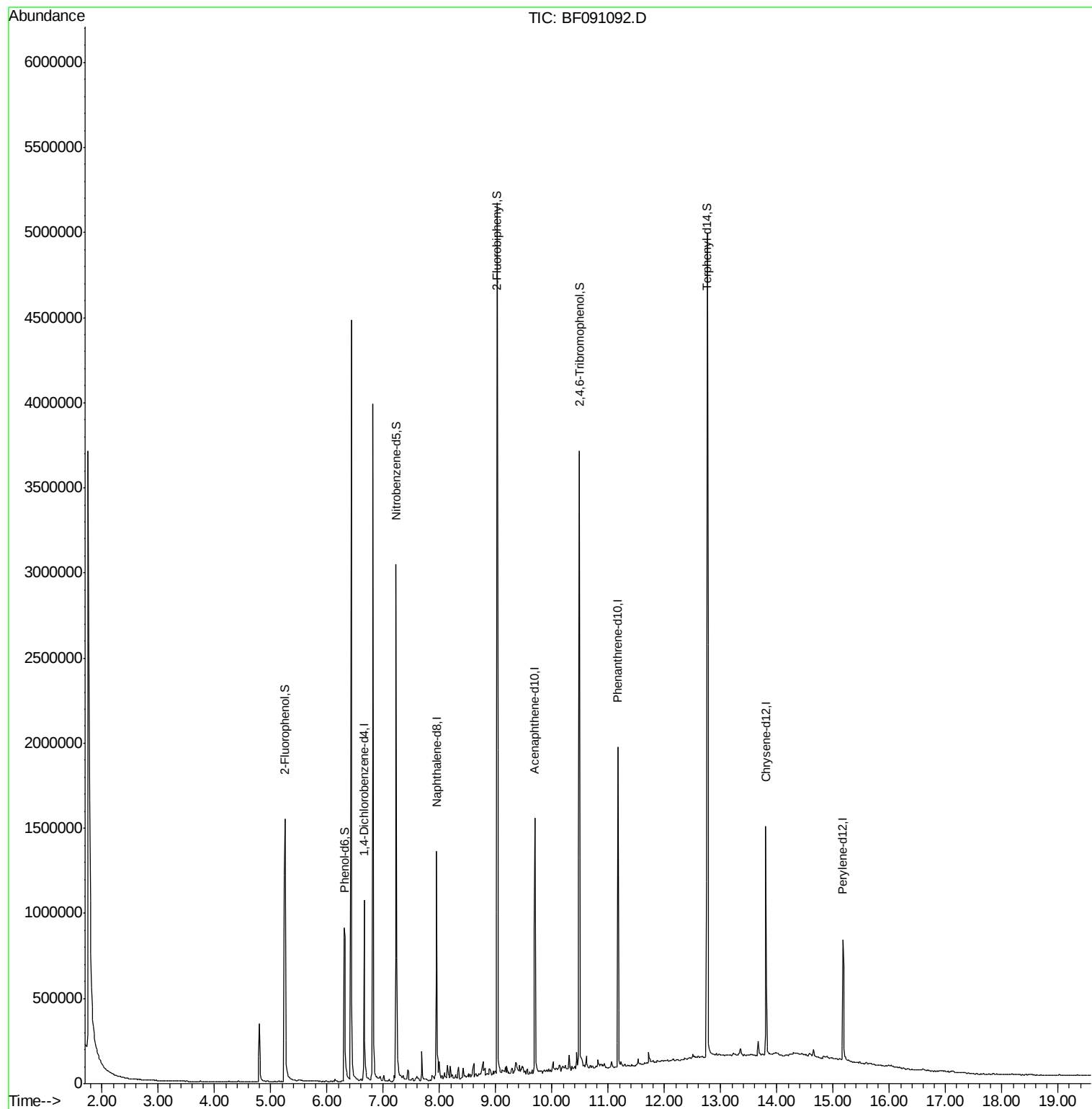
Target Compounds Qvalue

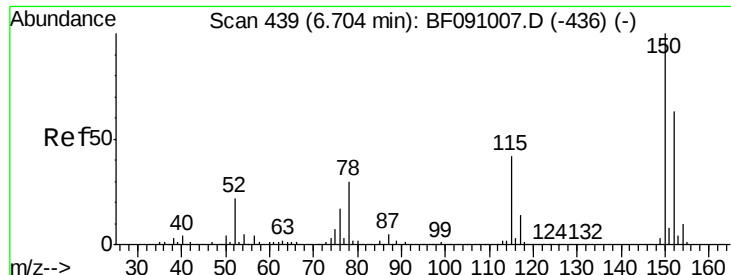
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091092.D

Acq: 8 Nov 2016 19:55

Instrument :

BNA_F

ClientSampleId :

DRW1

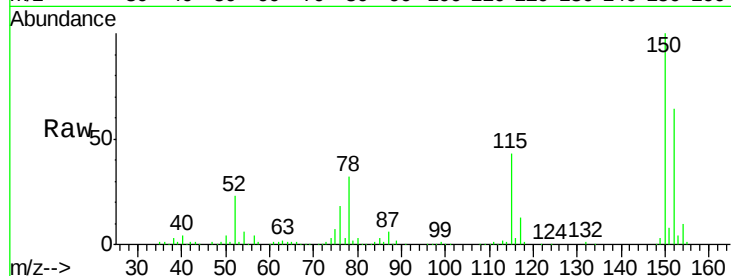
Tot Ion:152 Resp: 170936

Ion Ratio Lower Upper

152 100

150 157.1 126.8 190.2

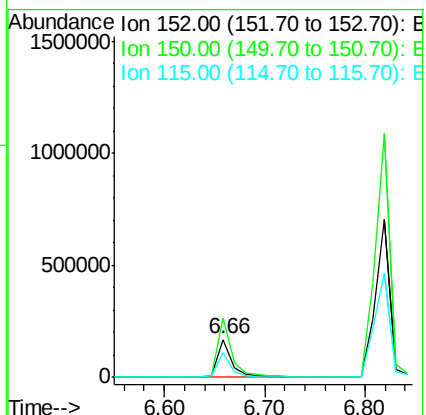
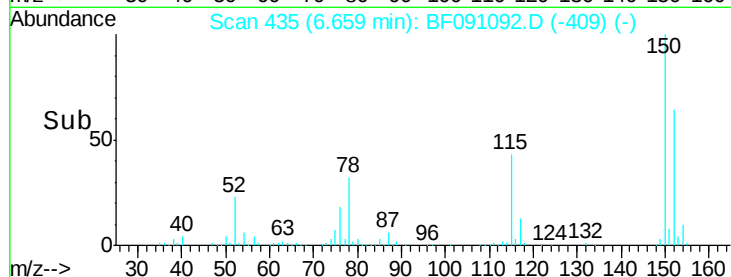
115 67.2 53.3 79.9



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: 63.92 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091092.D

Acq: 8 Nov 2016 19:55

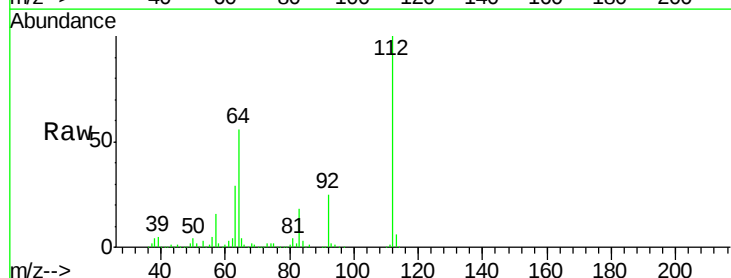
Tgt Ion:112 Resp: 661595

Ion Ratio Lower Upper

112 100

64 56.4 55.8 83.6

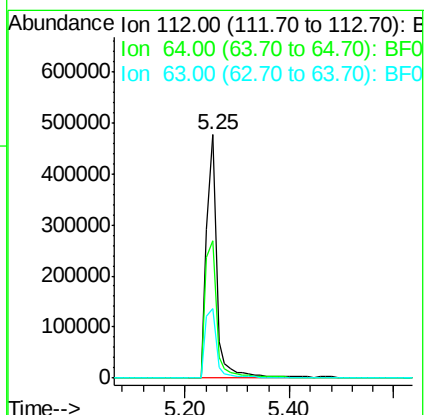
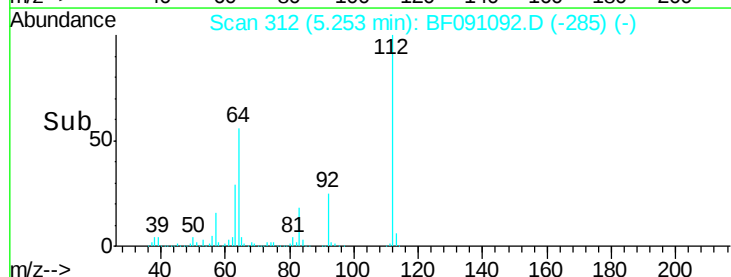
63 28.6 28.0 42.0

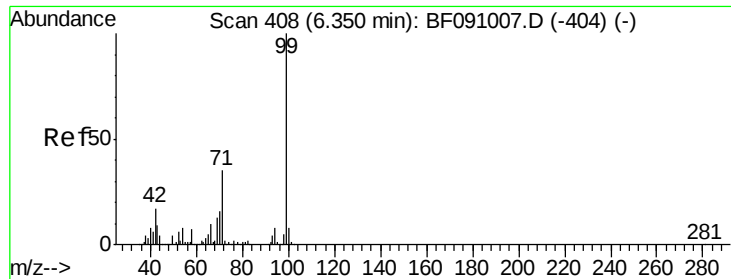


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.16 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF091092.D

Acq: 8 Nov 2016 19:55

Instrument :

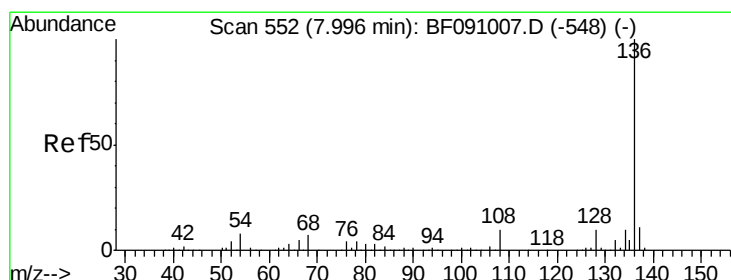
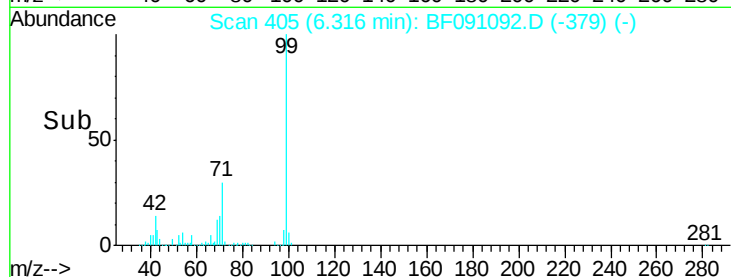
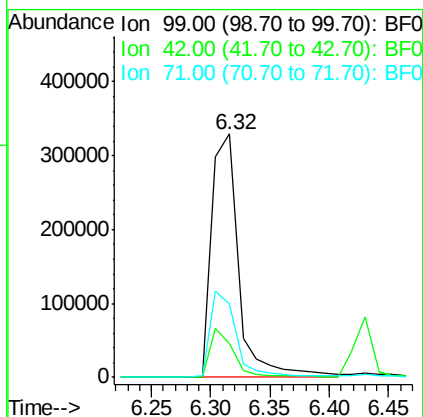
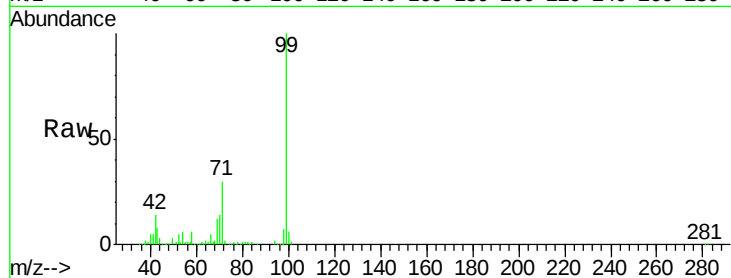
BNA_F

ClientSampleId :

DRW1

Tot Ion: 99 Resp: 522040

Ion	Ratio	Lower	Upper
99	100		
42	13.7	13.9	20.9#
71	30.2	27.8	41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

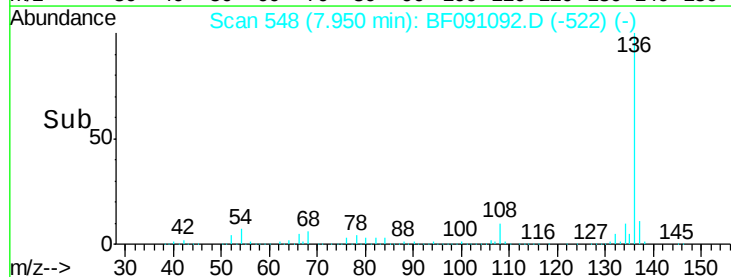
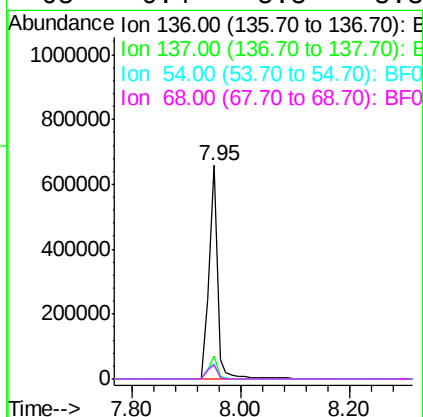
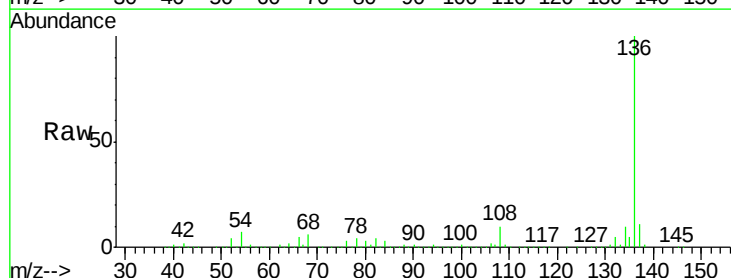
Delta R.T. -0.00 min

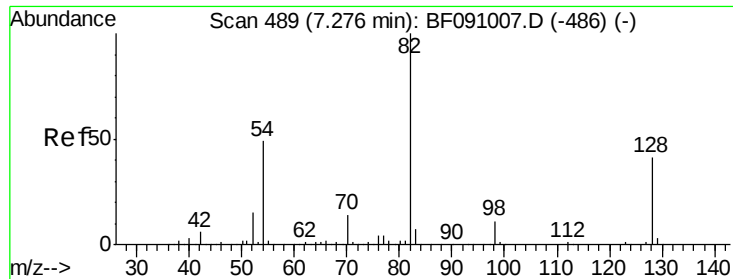
Lab File: BF091092.D

Acq: 8 Nov 2016 19:55

Tgt Ion: 136 Resp: 719032

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.2	9.2
68	6.4	5.5	8.3

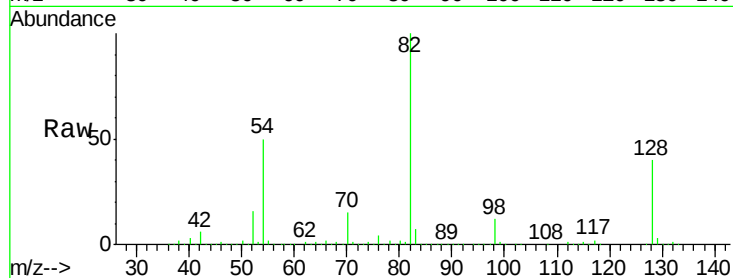




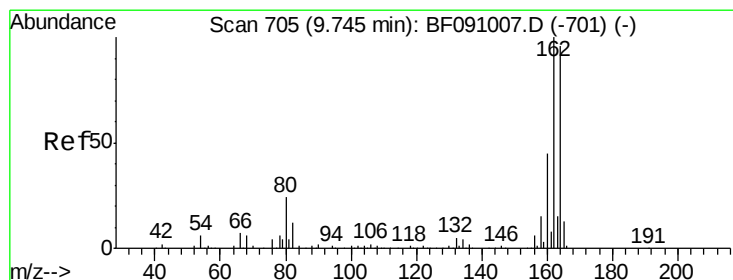
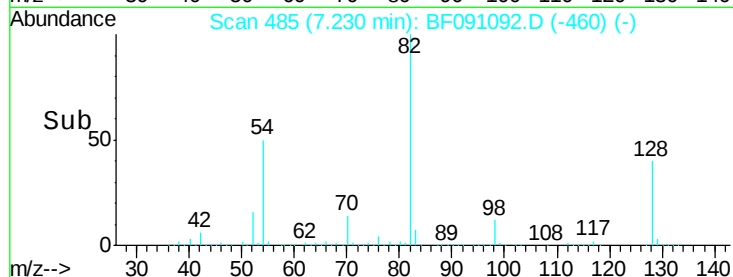
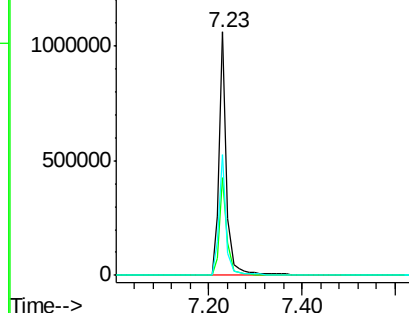
#23
 Nitrobenzene-d5
 Concen: 91.59 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091092.D
 Acq: 8 Nov 2016 19:55

Instrument :
 BNA_F
 ClientSampled :
 DRW1

Tot Ion: 82 Resp: 1207210
 Ion Ratio Lower Upper
 82 100
 128 39.9 32.4 48.6
 54 49.8 39.2 58.8

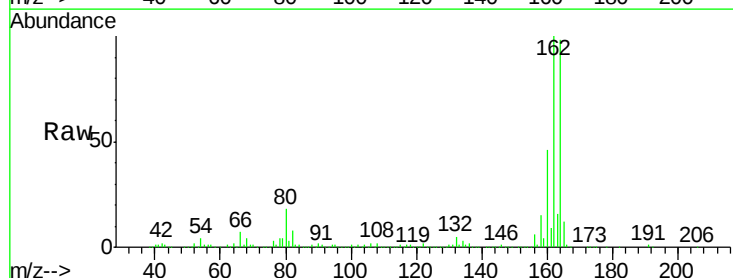


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

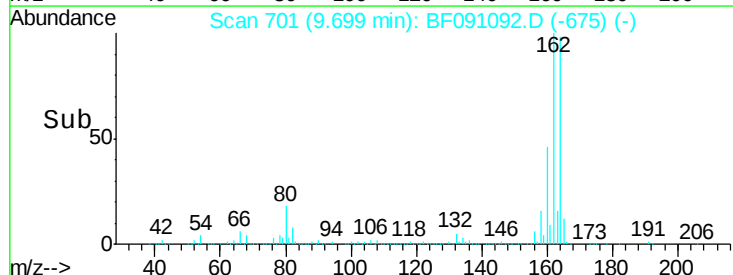
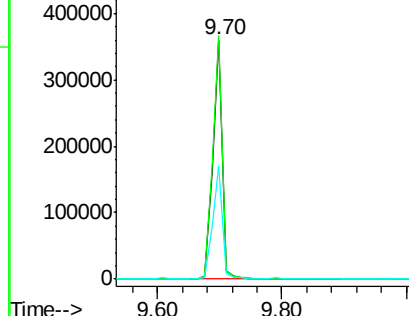


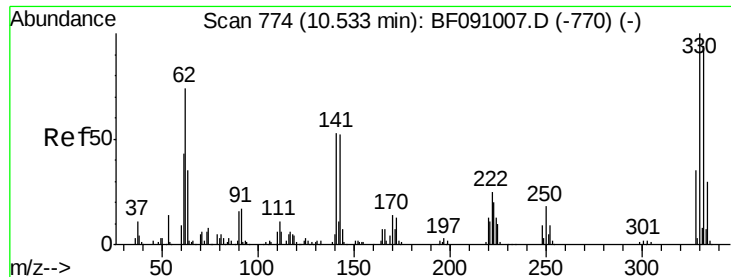
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF091092.D
 Acq: 8 Nov 2016 19:55

Tgt Ion: 164 Resp: 380868
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.6 125.4
 160 47.1 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

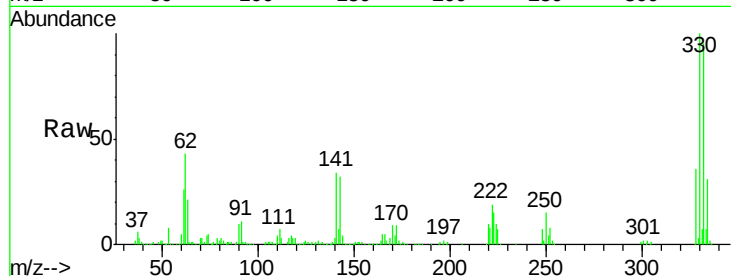




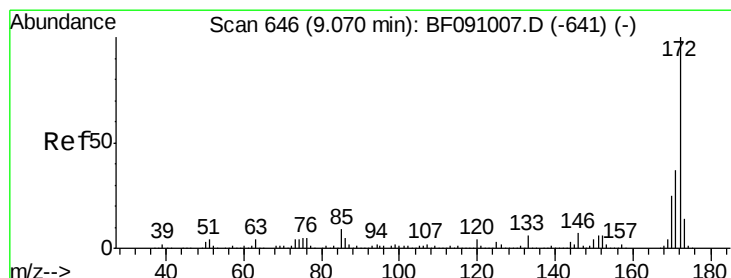
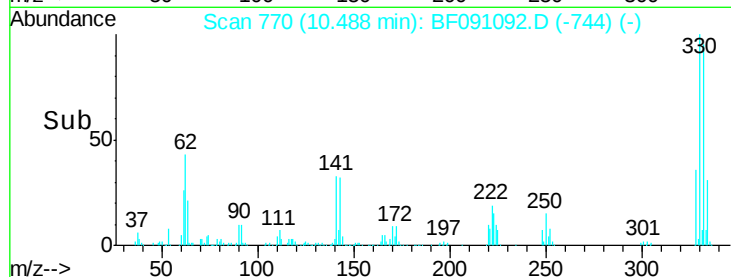
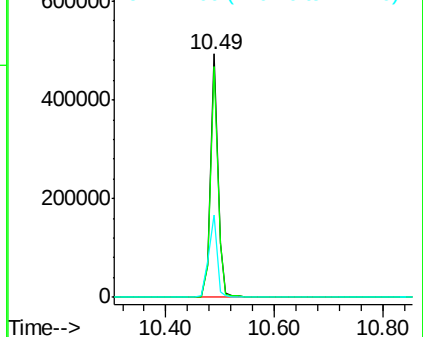
#41
 2,4,6-Tribromophenol
 Concen: 138.12 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091092.D
 Acq: 8 Nov 2016 19:55

Instrument :
 BNA_F
 ClientSampleId :
 DRW1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.9	113.9
141	37.6	36.1	54.1

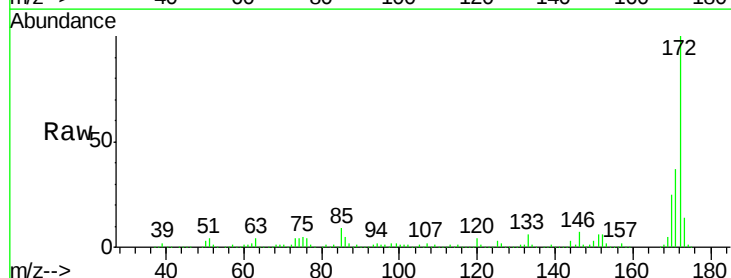


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

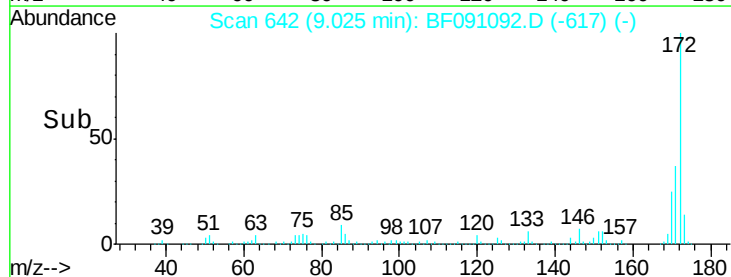
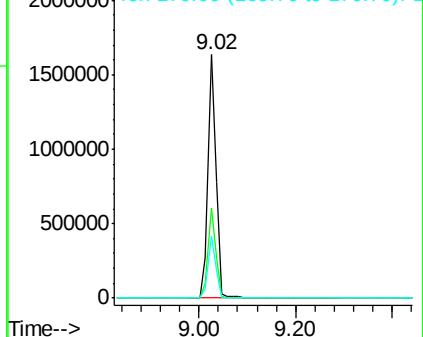


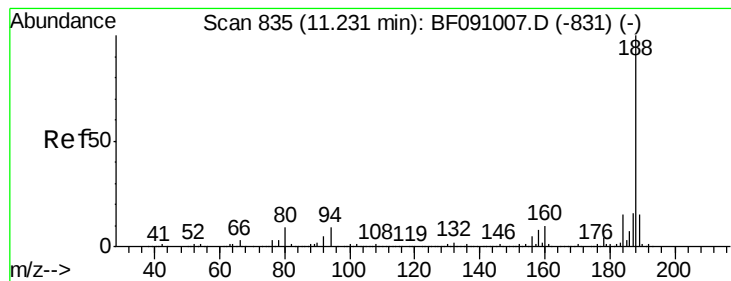
#44
 2-Fluorobiphenyl
 Concen: 86.25 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091092.D
 Acq: 8 Nov 2016 19:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.4	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: BF091092.D

Acq: 8 Nov 2016 19:55

Instrument :

BNA_F

ClientSampleId :

DRW1

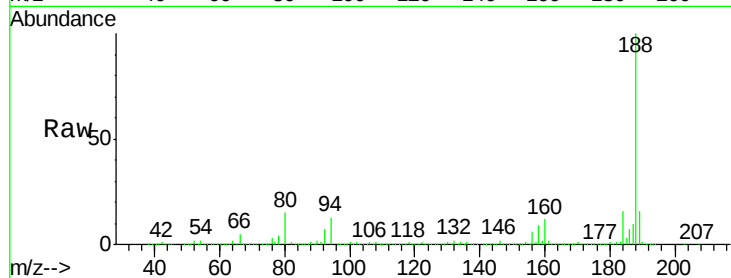
Tot Ion:188 Resp: 618700

Ion Ratio Lower Upper

188 100

94 12.9 7.0 10.4#

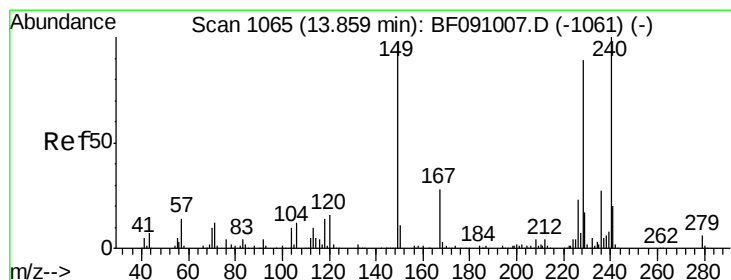
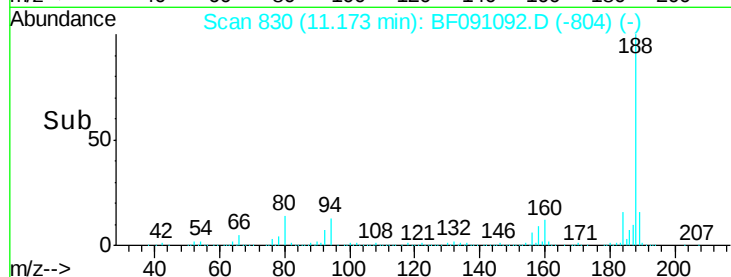
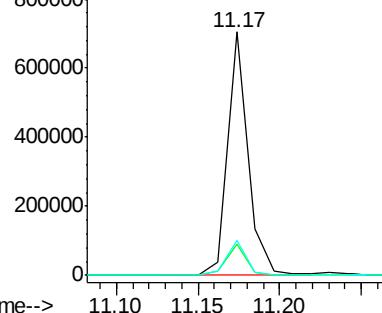
80 14.6 7.5 11.3#



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: BF091092.D

Acq: 8 Nov 2016 19:55

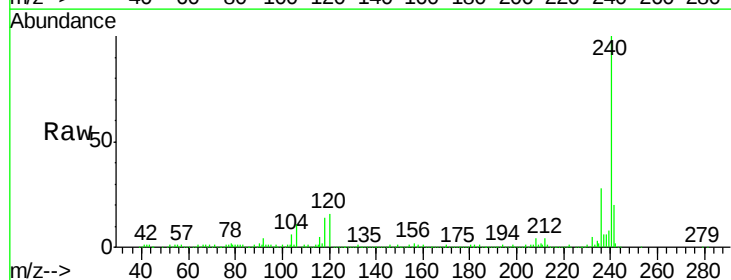
Tgt Ion:240 Resp: 476760

Ion Ratio Lower Upper

240 100

120 16.2 12.9 19.3

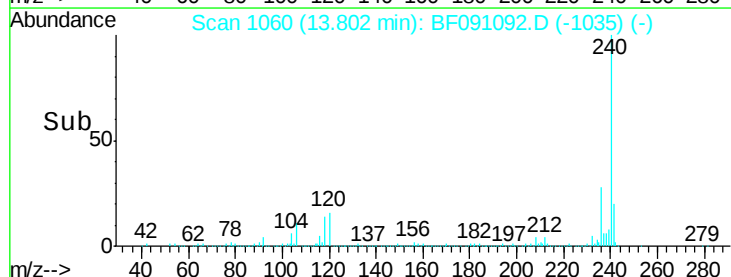
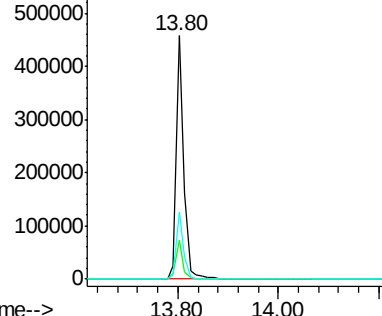
236 27.7 21.9 32.9

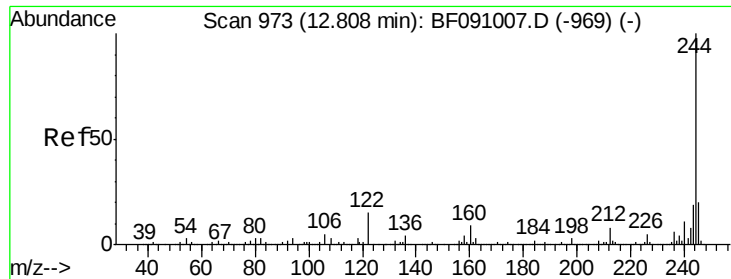


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

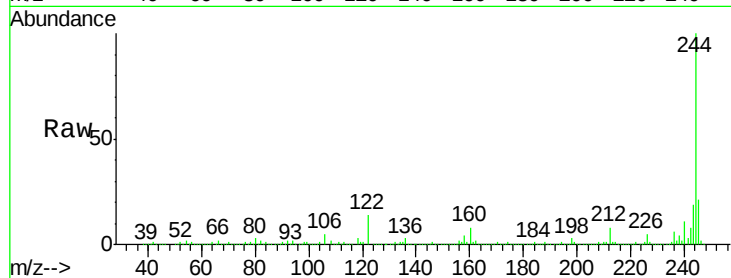




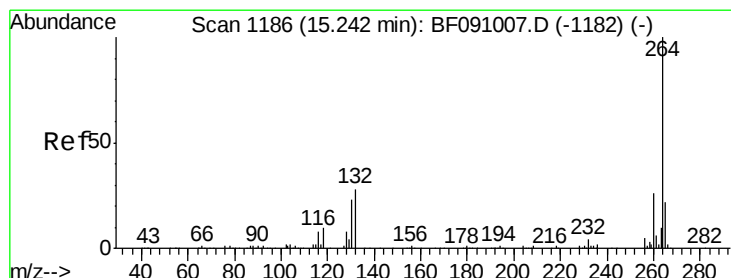
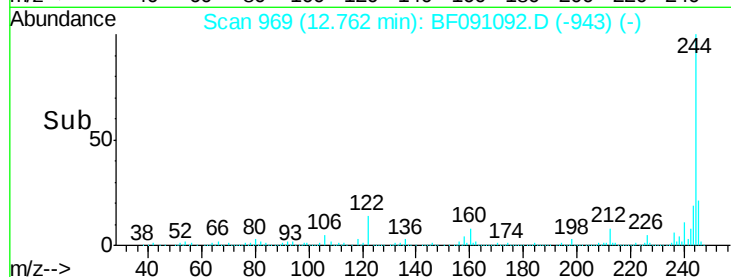
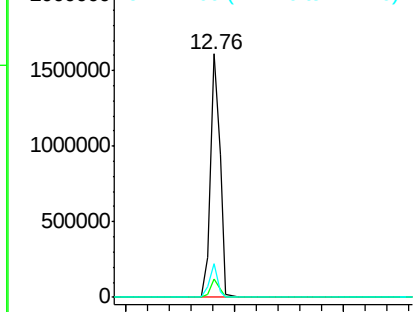
#78
 Terphenyl-d14
 Concen: 103.76 ng
 RT: 12.76 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF091092.D
 Acq: 8 Nov 2016 19:55

Instrument :
 BNA_F
 ClientSampleId :
 DRW1

Tot Ion:244 Resp: 1982454
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 13.6 12.3 18.5

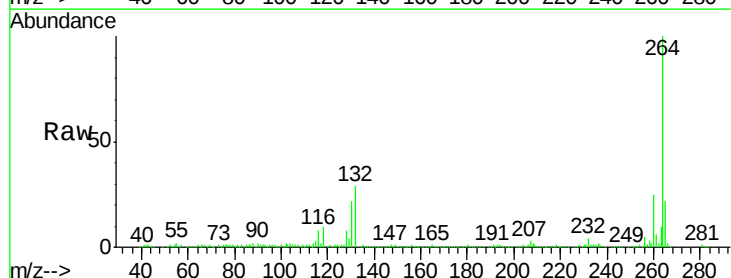


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF091092.D
 Acq: 8 Nov 2016 19:55

Tgt Ion:264 Resp: 343777
 Ion Ratio Lower Upper
 264 100
 260 25.1 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

