

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091181.D
 Acq On : 15 Nov 2016 16:22
 Operator : UM/SJ
 Sample : H5636-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19023041

Quant Time: Nov 16 06:28:34 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

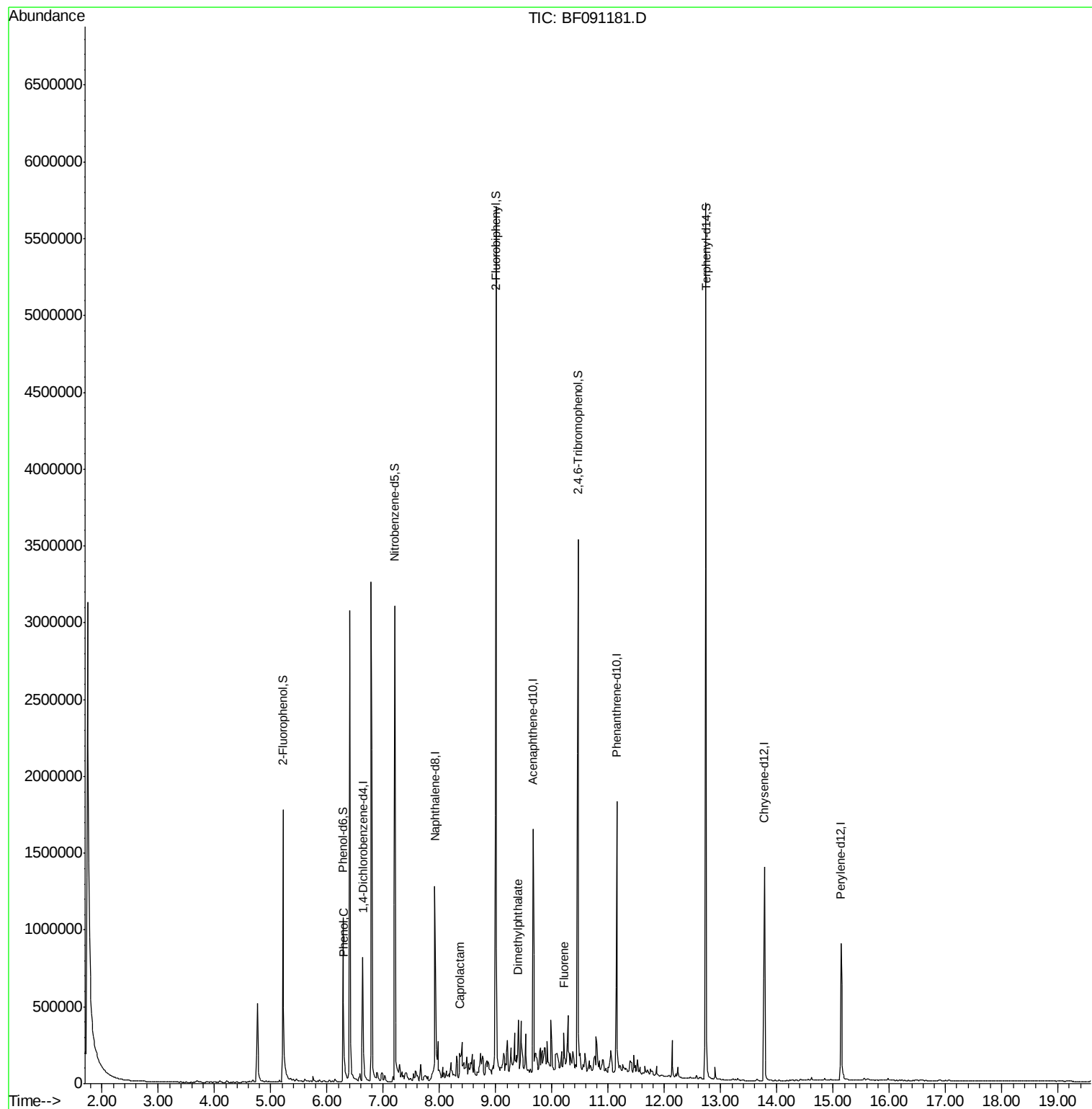
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	154453	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	665569	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	368781	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	676101	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	547830	20.00	ng	-0.03
86) Perylene-d12	15.14	264	425153	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	606795	64.88	ng	-0.02
7) Phenol-d6	6.28	99	493932	38.91	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1265449	103.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	541795	162.51	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1910719	89.20	ng	-0.03
78) Terphenyl-d14	12.74	244	2131563	97.10	ng	-0.02
Target Compounds						
10) Phenol	6.29	94	31996	2.28	ng	Qvalue 91
35) Caprolactam	8.36	113	17682	6.84	ng	# 84
49) Dimethylphthalate	9.40	163	125724	5.20	ng	99
57) Fluorene	10.21	166	46914	2.13	ng	# 93

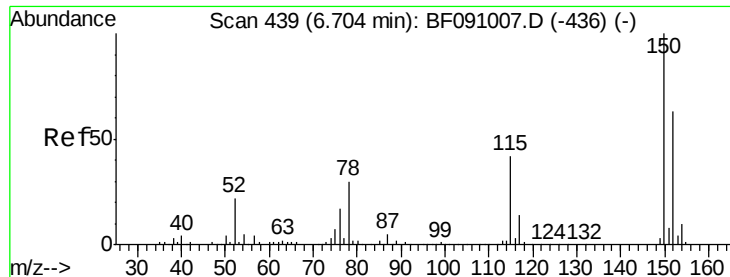
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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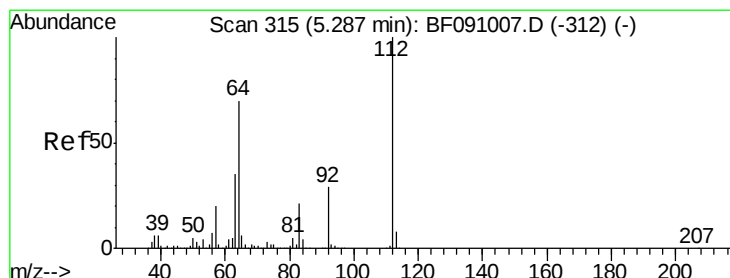
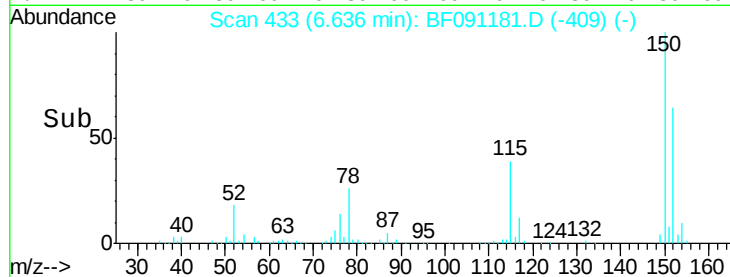
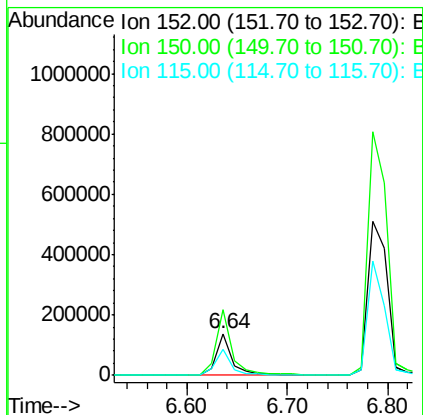
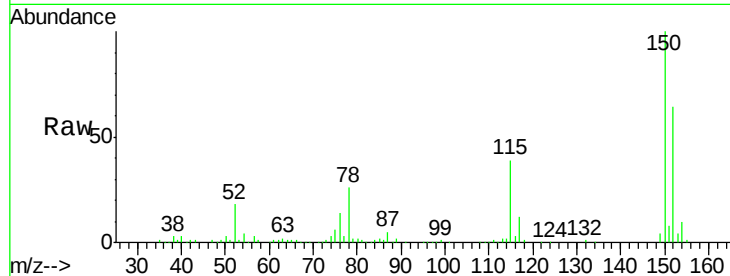


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF091181.D
 Acq: 15 Nov 2016 16:22

Instrument :
 BNA_F
 ClientSampleId :
 C19023041

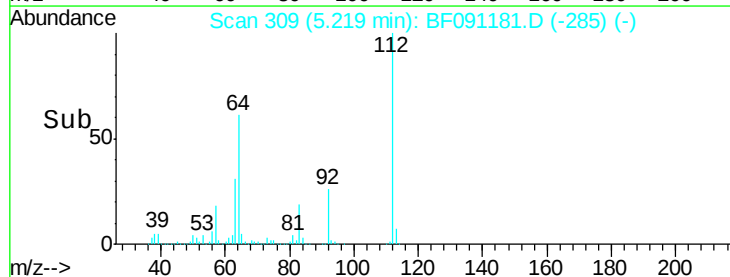
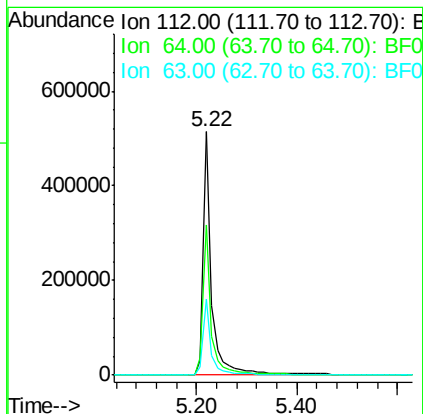
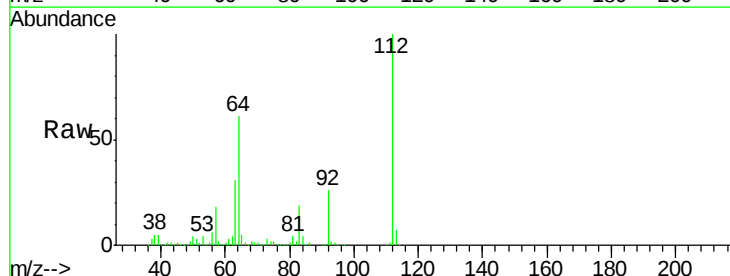
Tot Ion:152 Resp: 154453
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.8 190.2
 115 60.7 53.3 79.9

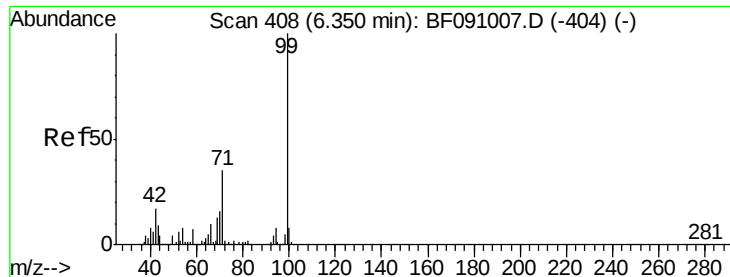


#5

2-Fluorophenol
 Concen: 64.88 ng
 RT: 5.22 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: BF091181.D
 Acq: 15 Nov 2016 16:22

Tgt Ion:112 Resp: 606795
 Ion Ratio Lower Upper
 112 100
 64 61.5 55.8 83.6
 63 31.1 28.0 42.0





#7

Phenol-d6

Concen: 38.91 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

Instrument :

BNA_F

ClientSampleId :

C19023041

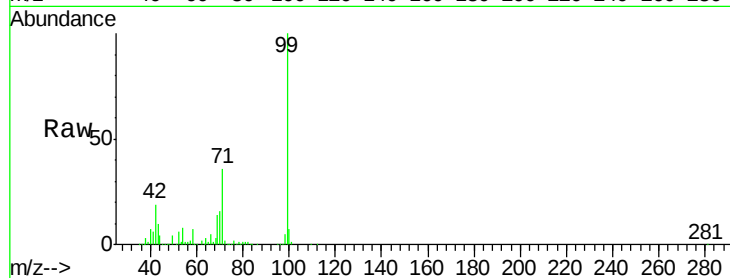
Tot Ion: 99 Resp: 493932

Ion Ratio Lower Upper

99 100

42 18.6 13.9 20.9

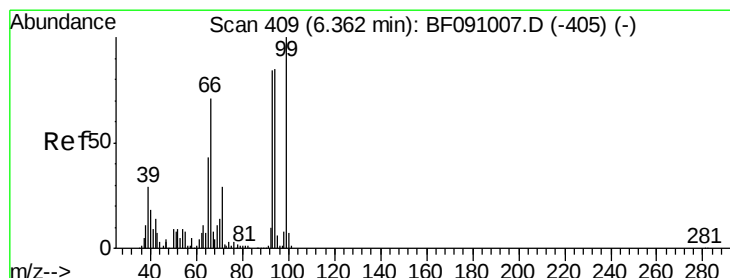
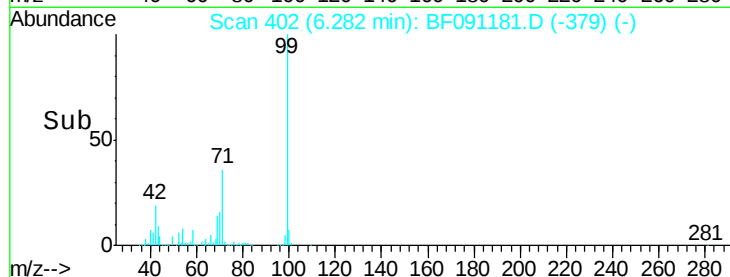
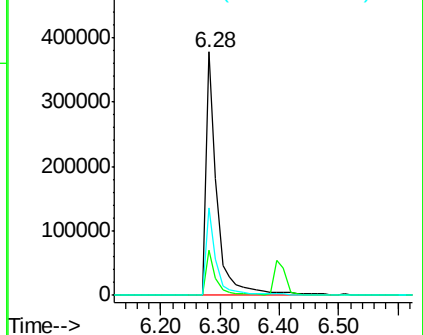
71 36.1 27.8 41.8



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



#10

Phenol

Concen: 2.28 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

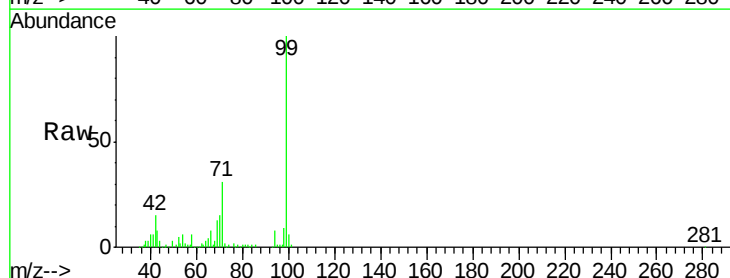
Tgt Ion: 94 Resp: 31996

Ion Ratio Lower Upper

94 100

65 43.0 30.4 70.4

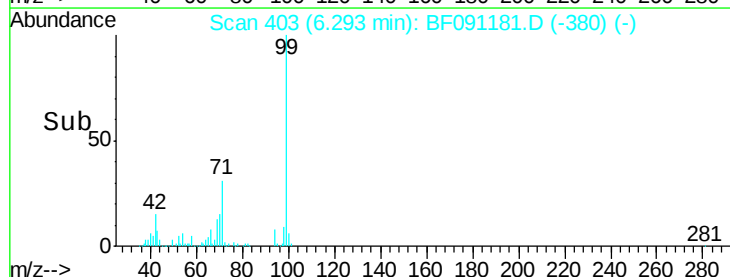
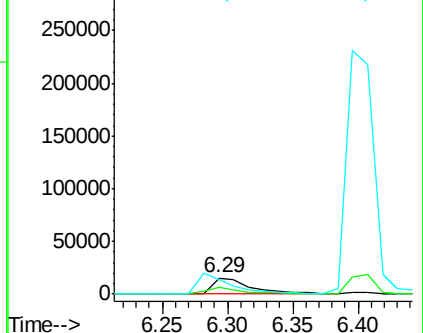
66 90.8 62.9 102.9

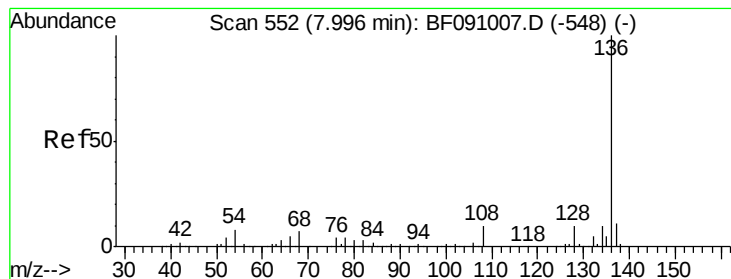


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

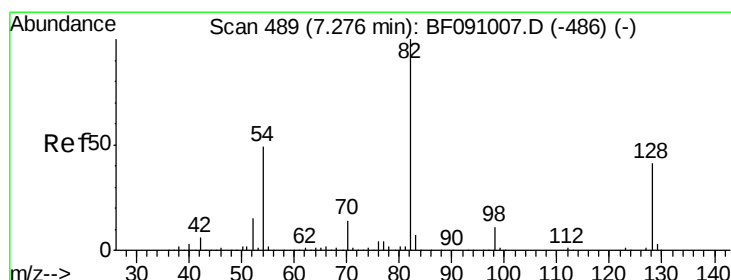
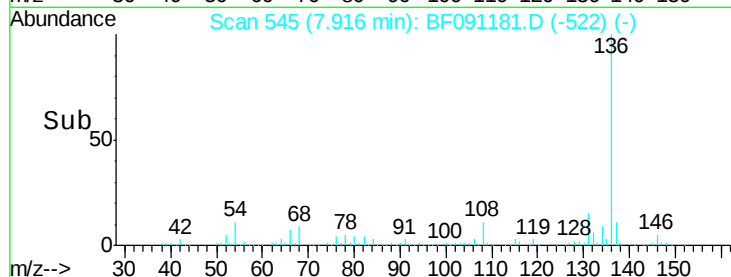
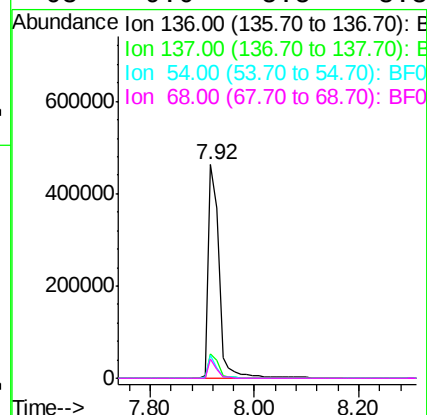
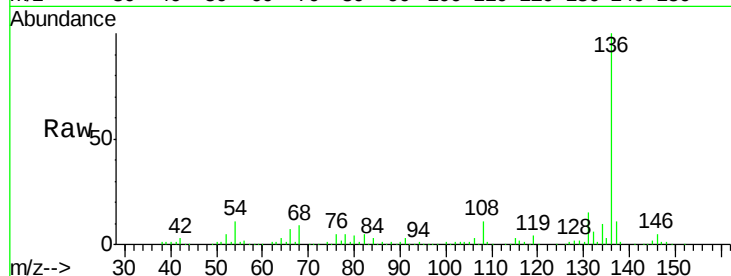




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

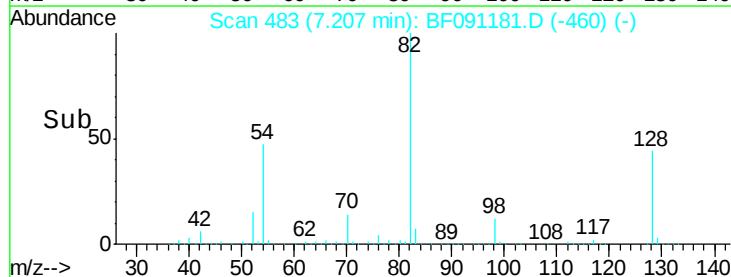
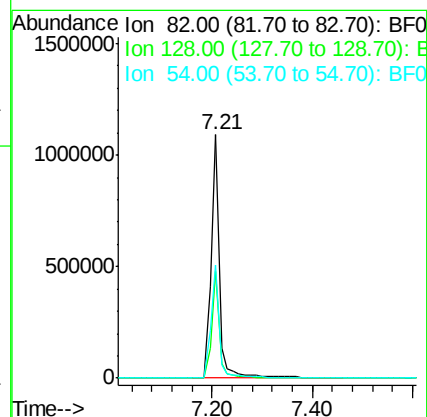
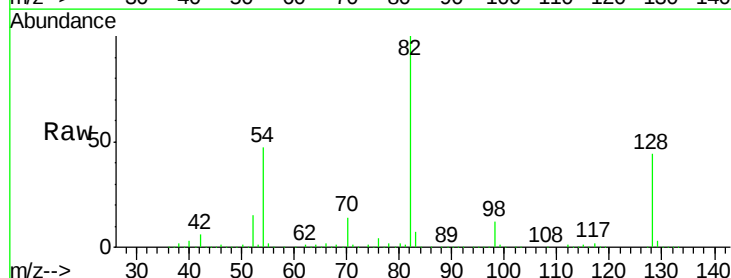
Instrument :
BNA_F
ClientSampleId :
C19023041

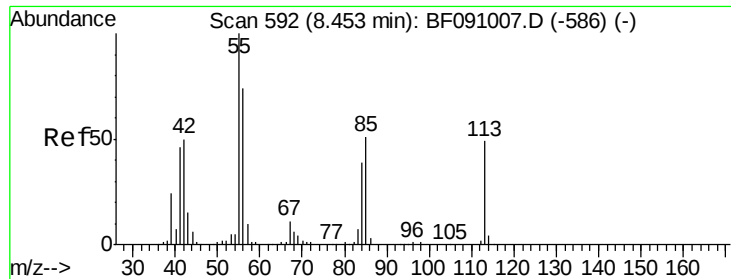
Tot Ion:136	Resp:	665569
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	10.7	6.2 9.2#
68	9.0	5.5 8.3#



#23
Nitrobenzene-d5
Concen: 103.72 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

Tgt Ion: 82	Resp:	1265449
Ion Ratio	Lower	Upper
82	100	
128	43.7	32.4 48.6
54	46.6	39.2 58.8

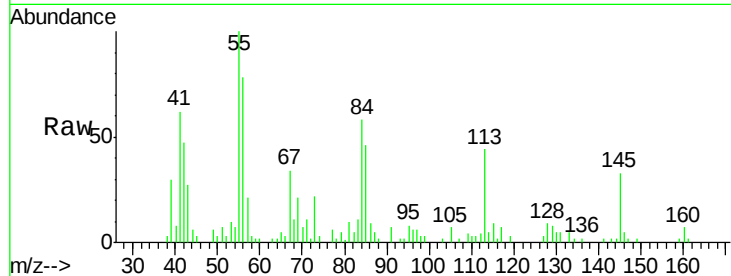




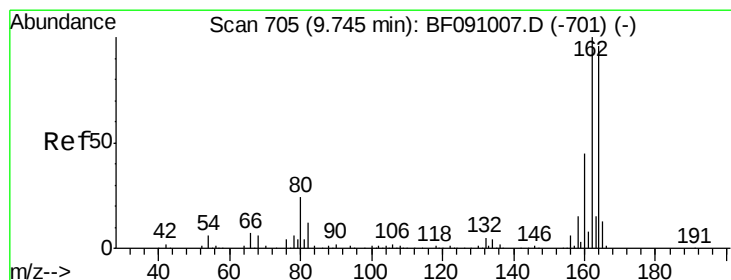
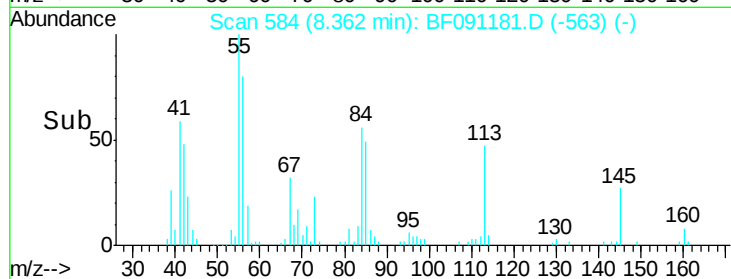
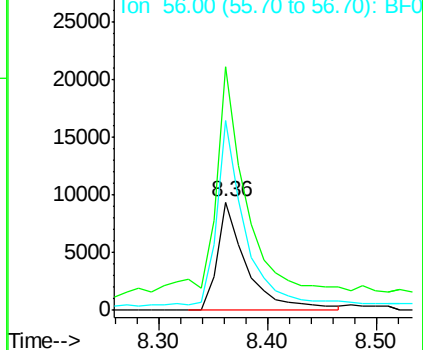
#35
 Caprolactam
 Concen: 6.84 ng
 RT: 8.36 min Scan# 584
 Delta R.T. -0.06 min
 Lab File: BF091181.D
 Acq: 15 Nov 2016 16:22

Instrument :
 BNA_F
 ClientSampleID :
 C19023041

Tot Ion:113 Resp: 17682
 Ion Ratio Lower Upper
 113 100
 55 224.9 184.1 224.1#
 56 175.4 132.0 172.0#

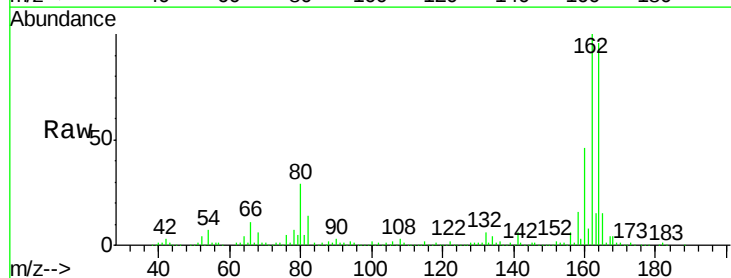


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

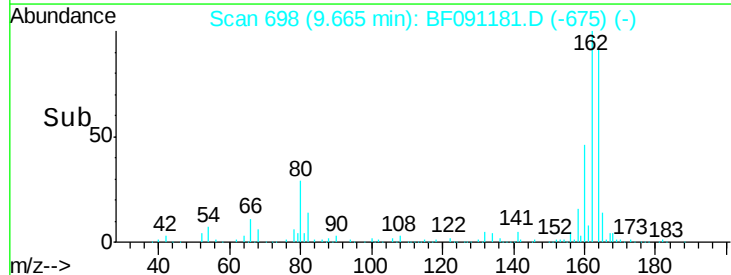
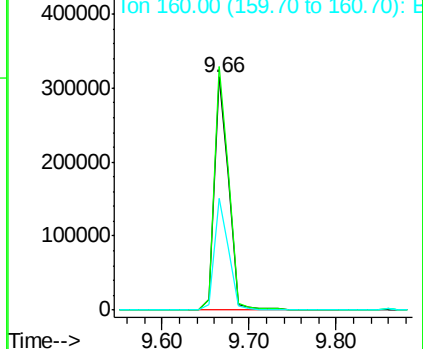


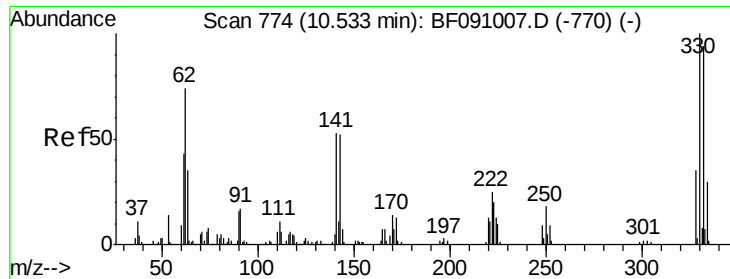
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF091181.D
 Acq: 15 Nov 2016 16:22

Tgt Ion:164 Resp: 368781
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.6 125.4
 160 48.0 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

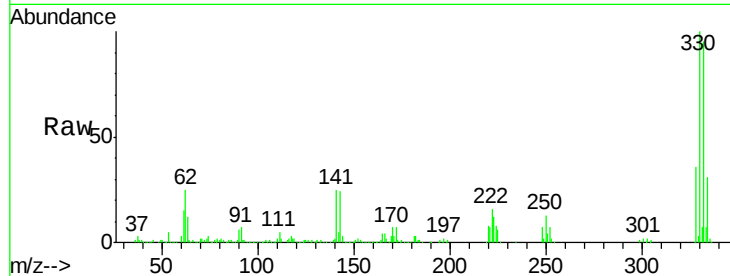




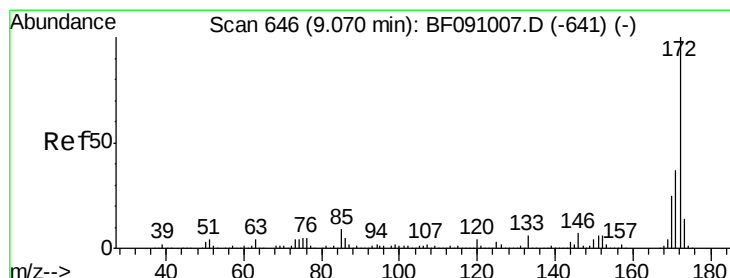
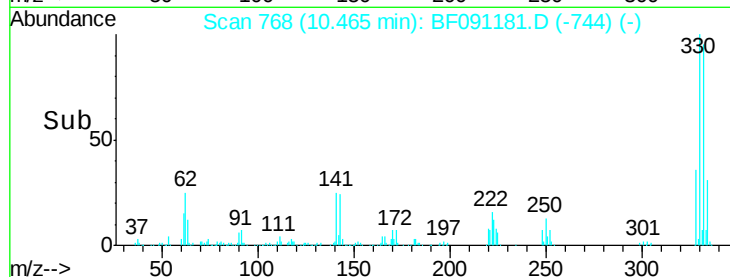
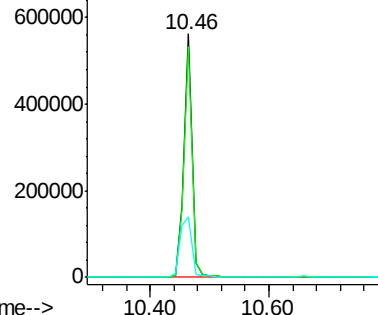
#41
 2,4,6-Tribromophenol
 Concen: 162.51 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091181.D
 Acq: 15 Nov 2016 16:22

Instrument :
 BNA_F
 ClientSampleId :
 C19023041

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.9	113.9
141	36.0	36.1	54.1#

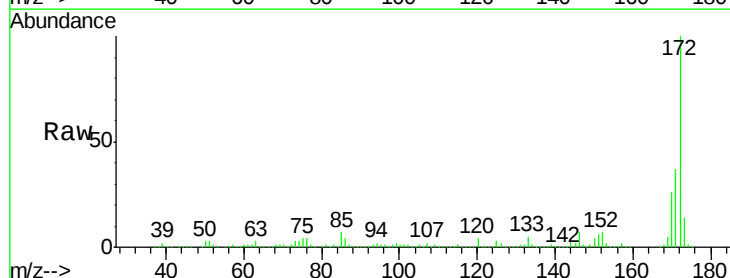


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

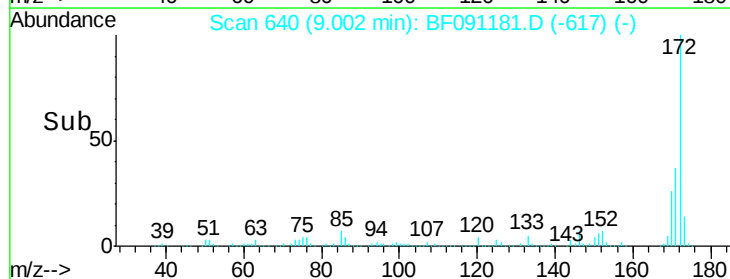
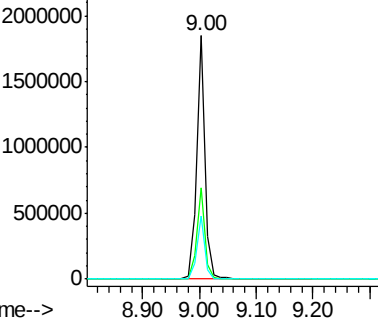


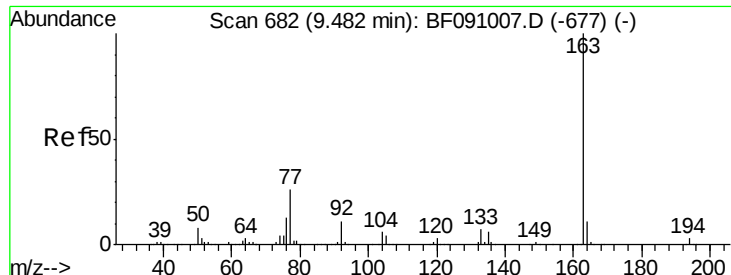
#44
 2-Fluorobiphenyl
 Concen: 89.20 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091181.D
 Acq: 15 Nov 2016 16:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.9	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

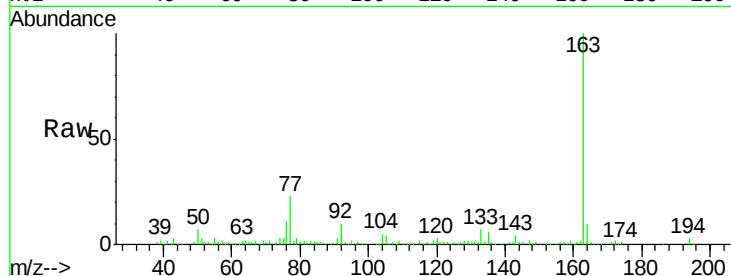




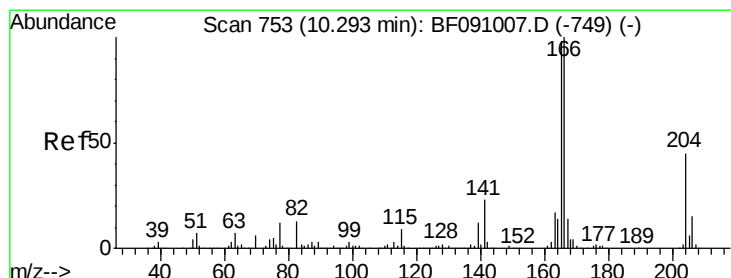
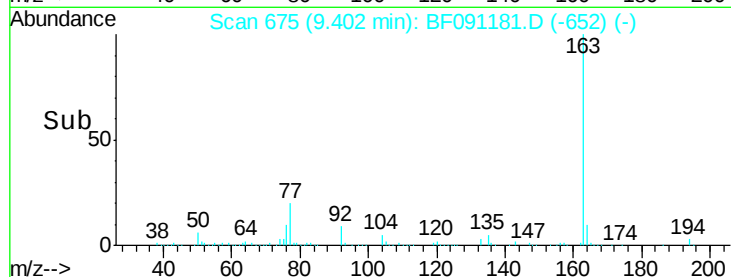
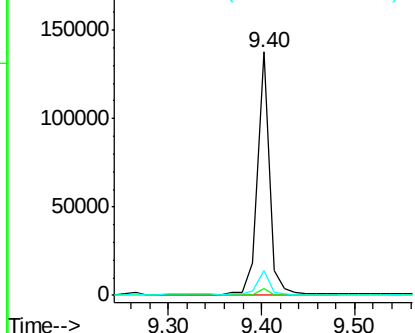
#49
Dimethylphthalate
Concen: 5.20 ng
RT: 9.40 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

Instrument :
BNA_F
ClientSampleId :
C19023041

Tot Ion:163 Resp: 125724
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.7 13.1

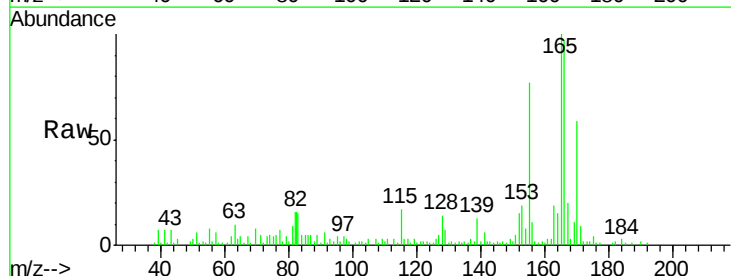


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

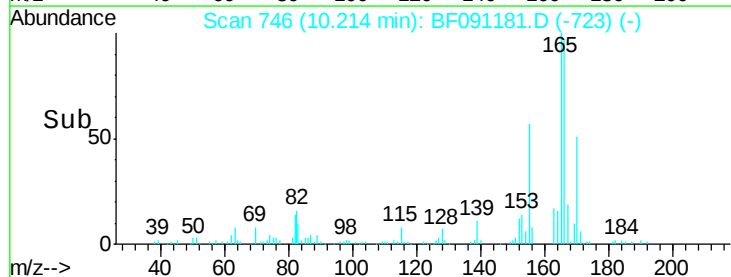
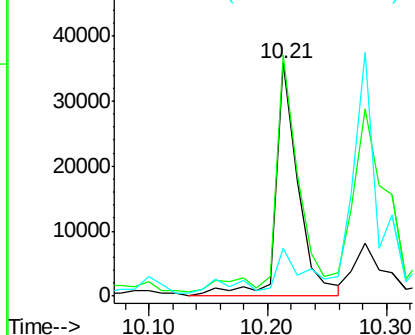


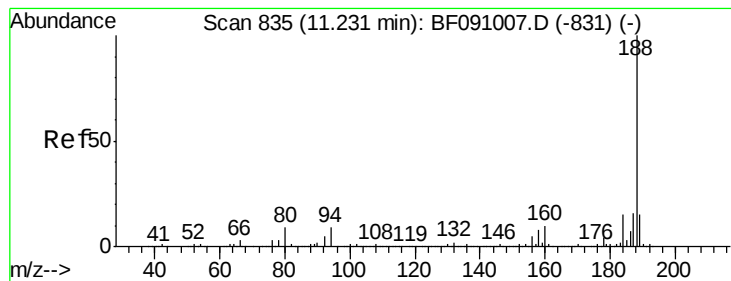
#57
Fluorene
Concen: 2.13 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091181.D
Acq: 15 Nov 2016 16:22

Tgt Ion:166 Resp: 46914
Ion Ratio Lower Upper
166 100
165 103.6 78.6 118.0
167 20.5 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 828

Delta R.T. -0.02 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

Instrument :

BNA_F

ClientSampleId :

C19023041

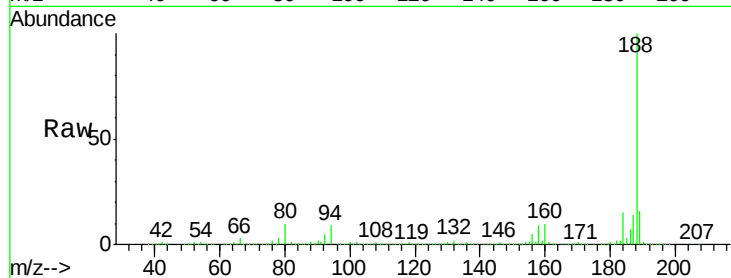
Tot Ion:188 Resp: 676101

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

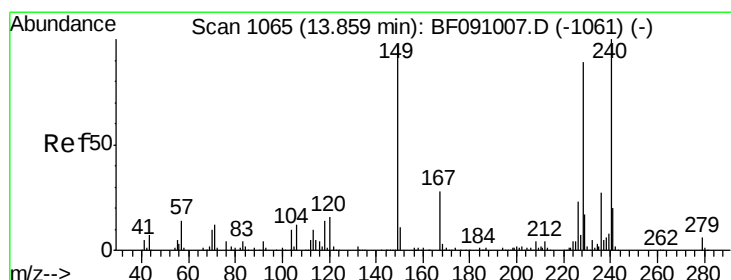
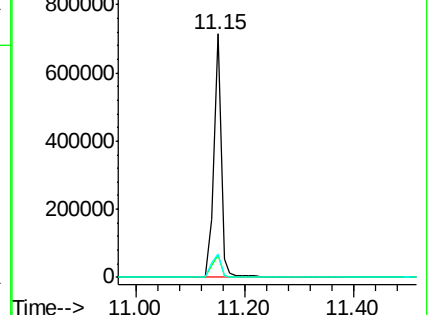
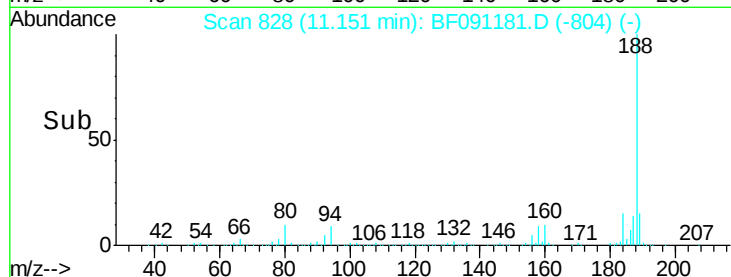
80 9.8 7.5 11.3



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: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091181.D

Acq: 15 Nov 2016 16:22

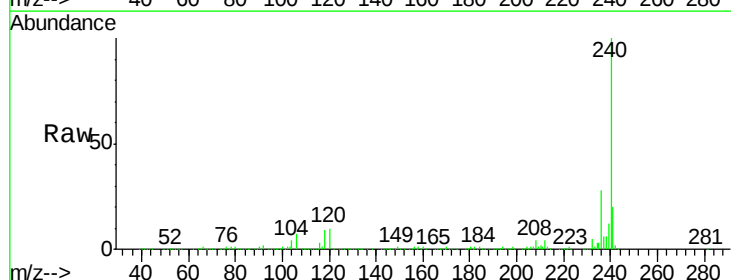
Tgt Ion:240 Resp: 547830

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

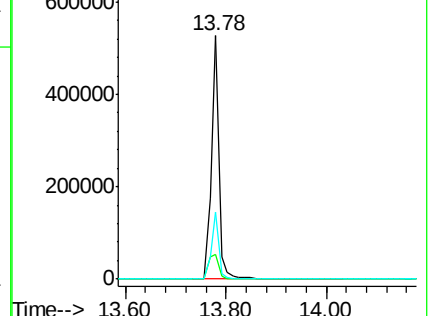
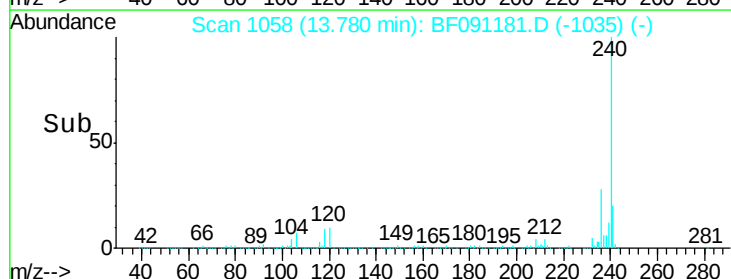
236 27.7 21.9 32.9

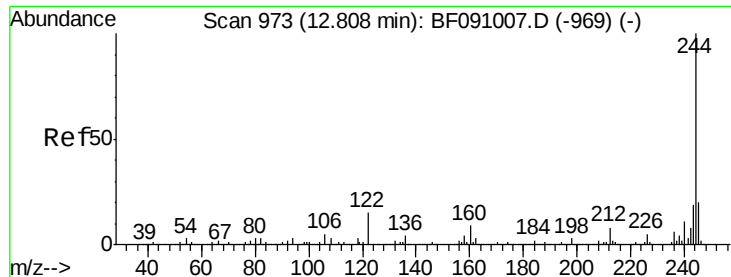


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

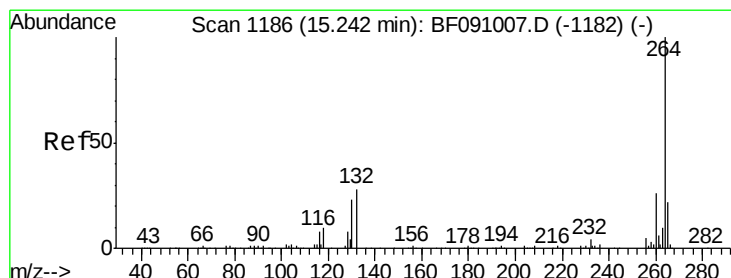
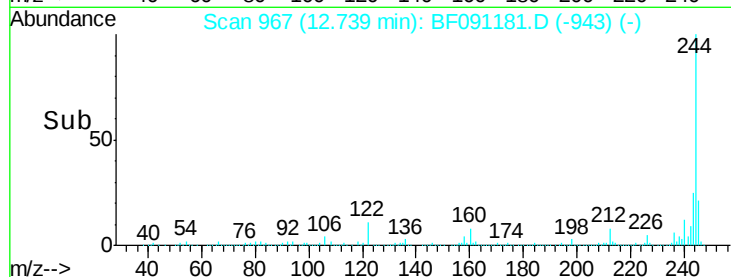
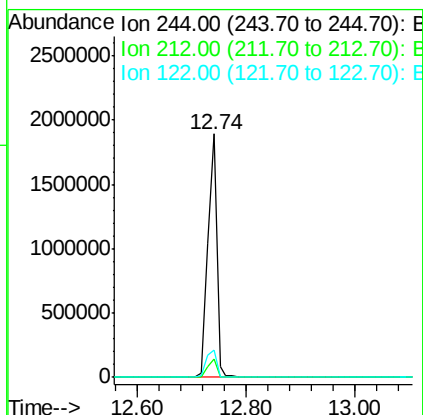
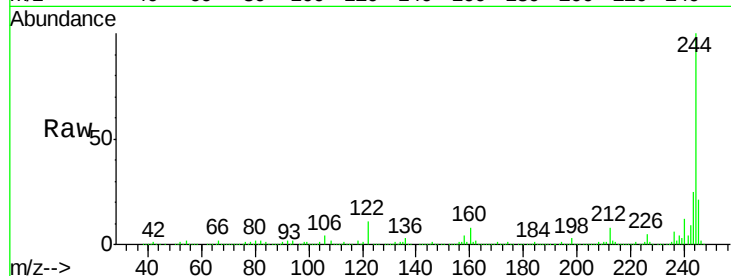




#78
 Terphenyl-d14
 Concen: 97.10 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091181.D
 Acq: 15 Nov 2016 16:22

Instrument :
 BNA_F
 ClientSampleId :
 C19023041

Tot Ion:244 Resp: 2131563
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 11.0 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091181.D
 Acq: 15 Nov 2016 16:22

Tgt Ion:264 Resp: 425153
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.6 30.8
 265 22.3 17.8 26.8

