

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094209.D
 Acq On : 6 Apr 2017 00:24
 Operator : SJ/MA
 Sample : I2522-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-1(0-2)

Quant Time: Apr 06 03:06:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

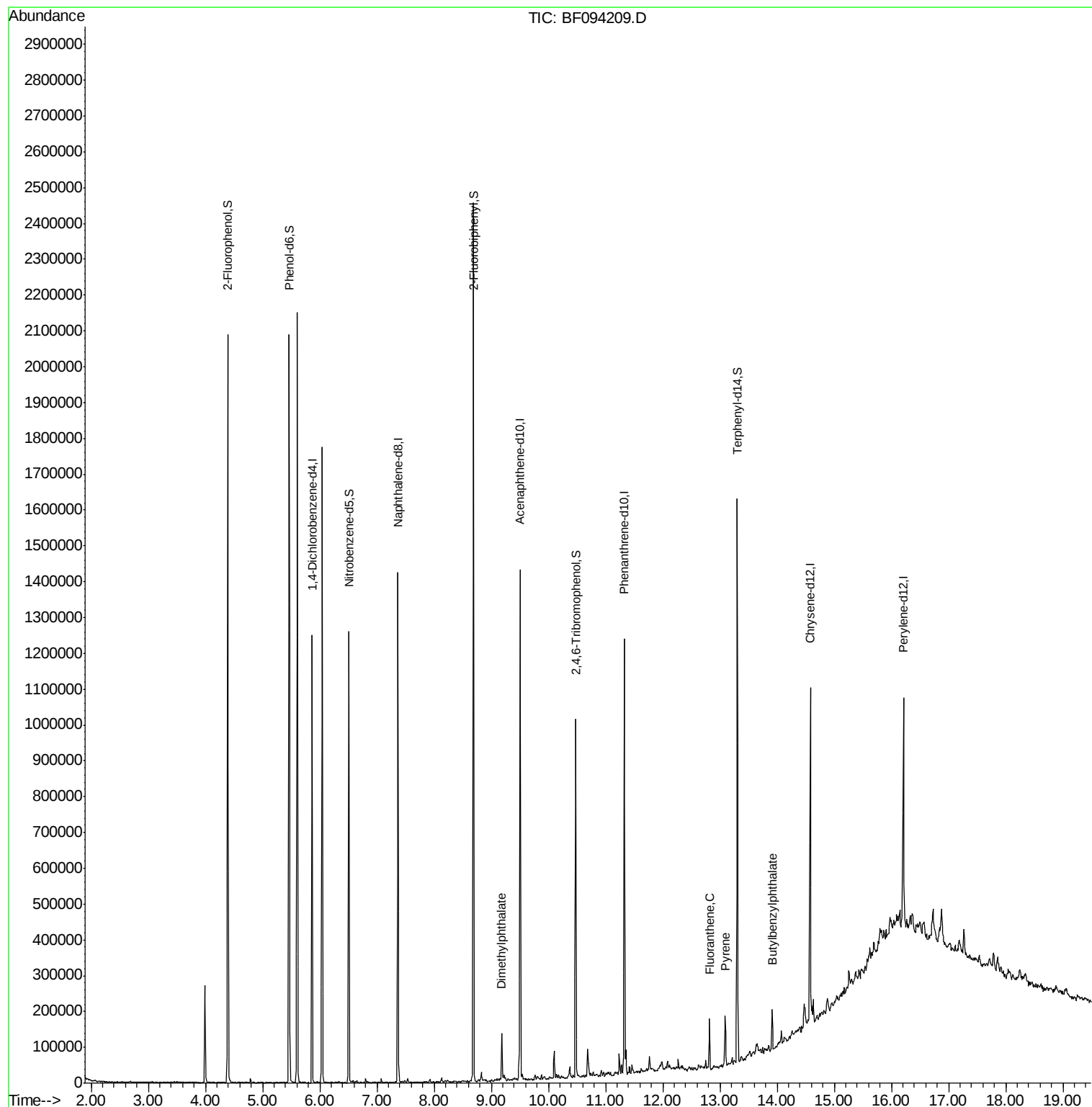
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	188874	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	730796	20.00	ng	-0.04
38) Acenaphthene-d10	9.50	164	306436	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	464998	20.00	ng	-0.05
75) Chrysene-d12	14.58	240	370742	20.00	ng	-0.05
86) Perylene-d12	16.21	264	281176	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	579079	51.78	ng	-0.04
7) Phenol-d6	5.46	99	724850	52.40	ng	-0.05
23) Nitrobenzene-d5	6.51	82	432351	33.76	ng	-0.05
41) 2,4,6-Tribromophenol	10.47	330	111090	45.88	ng	-0.05
44) 2-Fluorobiphenyl	8.69	172	794641	39.55	ng	-0.05
78) Terphenyl-d14	13.30	244	498473	30.14	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.19	163	60314	2.77	ng	100
74) Fluoranthene	12.82	202	57766	2.18	ng	96
77) Pyrene	13.09	202	55745	2.07	ng	98
79) Butylbenzylphthalate	13.92	149	29881	2.61	ng	93

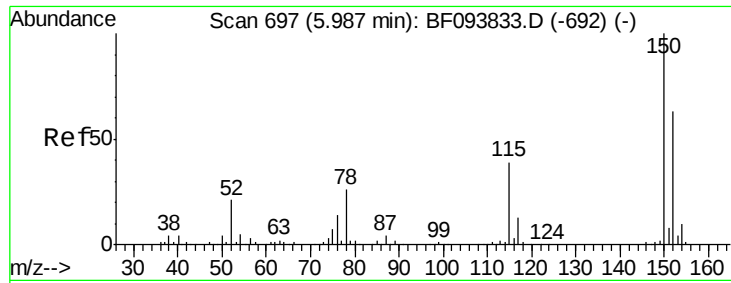
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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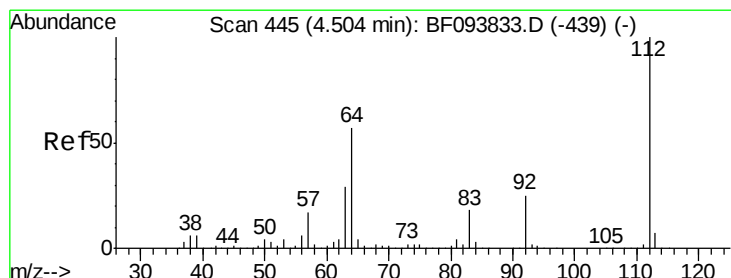
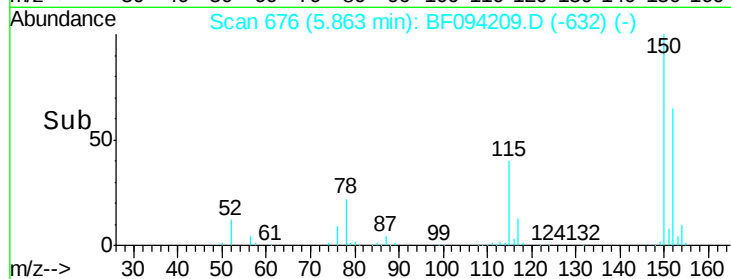
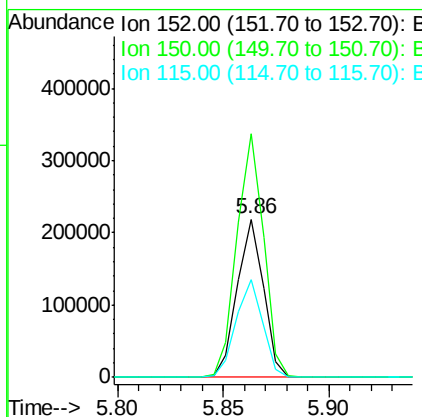
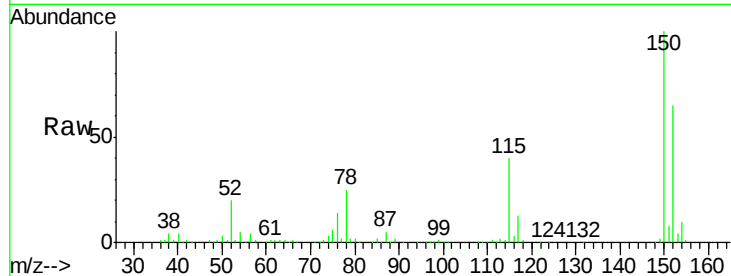




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.86 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

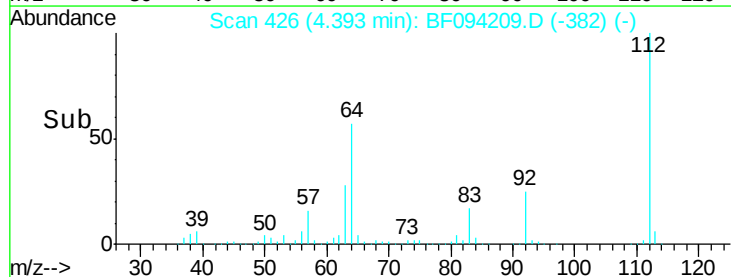
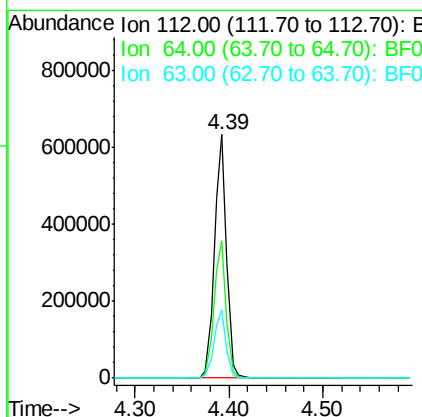
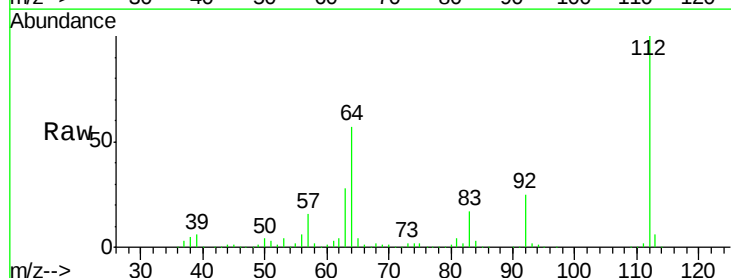
Instrument :
 BNA_F
 ClientSampleId :
 BASING-1(0-2)

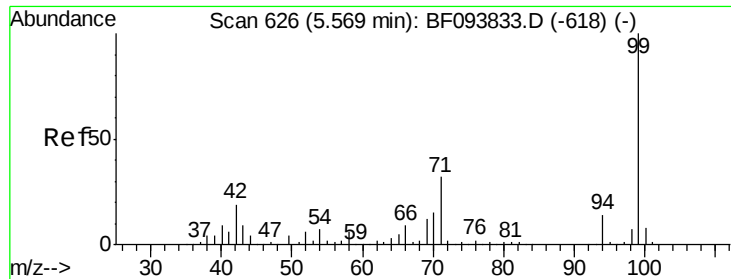
Tot Ion:152 Resp: 188874
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.2 189.2
 115 61.8 52.2 78.2



#5
 2-Fluorophenol
 Concen: 51.78 ng
 RT: 4.39 min Scan# 426
 Delta R.T. -0.04 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

Tgt Ion:112 Resp: 579079
 Ion Ratio Lower Upper
 112 100
 64 56.5 46.0 69.0
 63 28.0 23.4 35.0





#7

Phenol-d6

Concen: 52.40 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.05 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

Instrument :

BNA_F

ClientSampleId :

BASING-1(0-2)

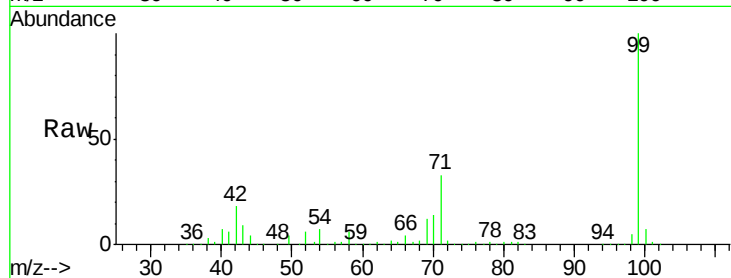
Tot Ion: 99 Resp: 724850

Ion Ratio Lower Upper

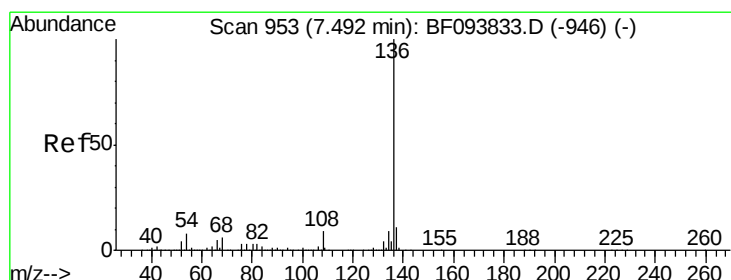
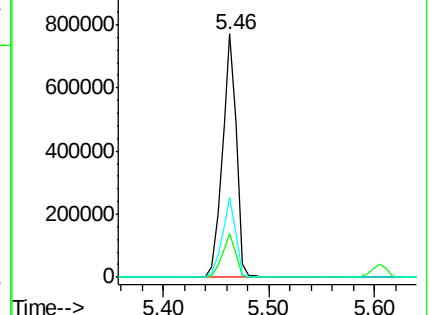
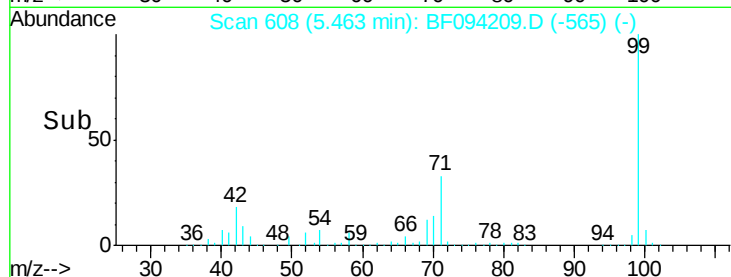
99 100

42 18.2 13.5 20.3

71 33.0 24.5 36.7



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: 7.37 min Scan# 932

Delta R.T. -0.04 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

Tgt Ion: 136 Resp: 730796

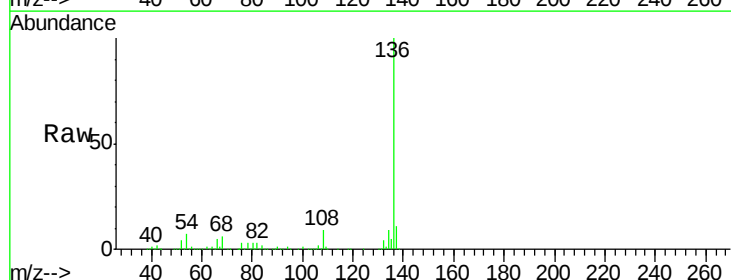
Ion Ratio Lower Upper

136 100

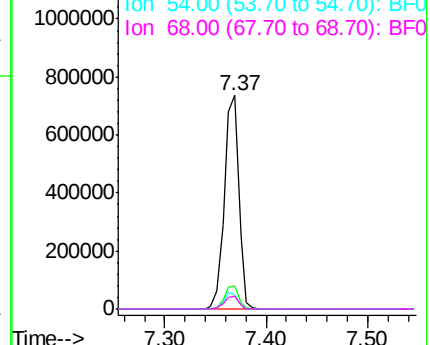
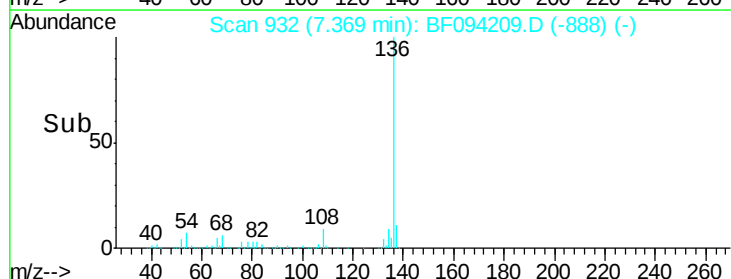
137 10.9 8.5 12.7

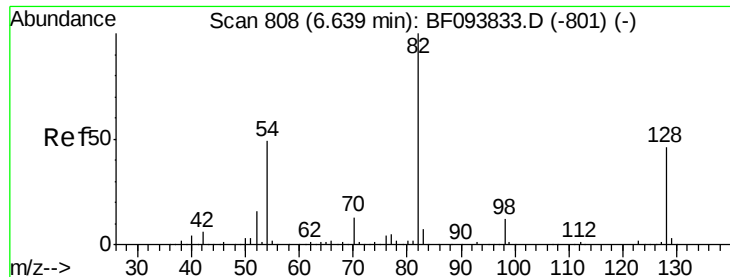
54 6.8 4.9 7.3

68 5.9 4.1 6.1



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

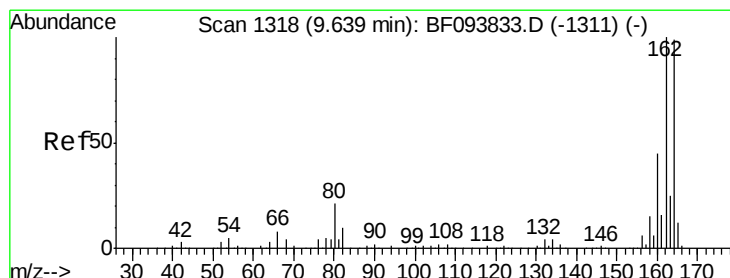
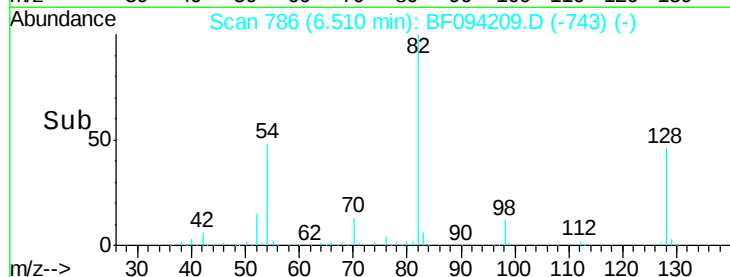
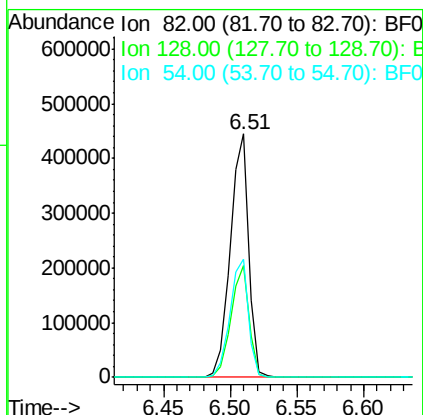
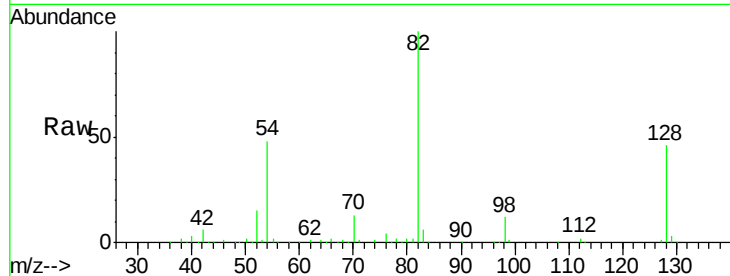




#23
 Nitrobenzene-d5
 Concen: 33.76 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.05 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

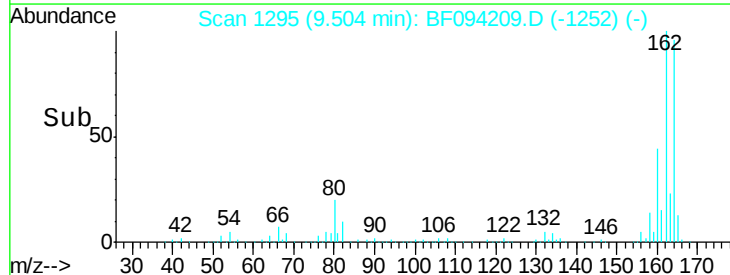
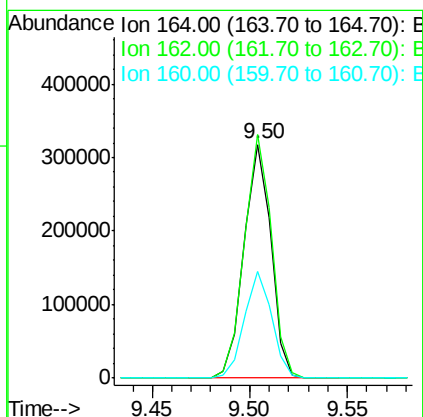
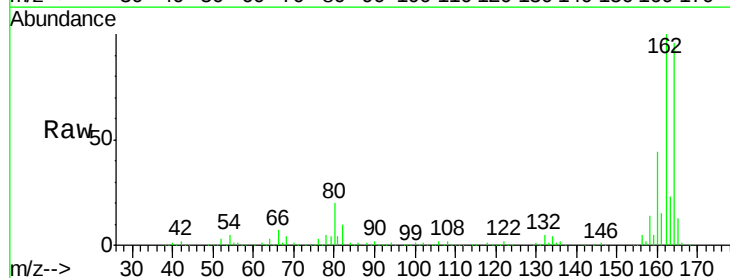
Instrument :
 BNA_F
 ClientSampleId :
 BASING-1(0-2)

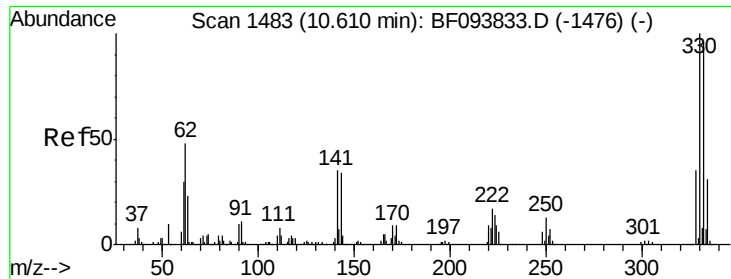
Tot Ion: 82 Resp: 432351
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.0 51.0
 54 48.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

Tgt Ion:164 Resp: 306436
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 45.5 36.2 54.2

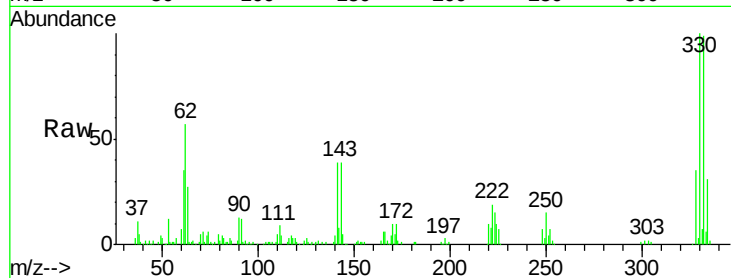




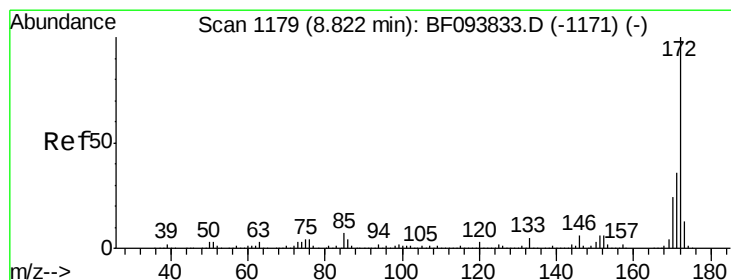
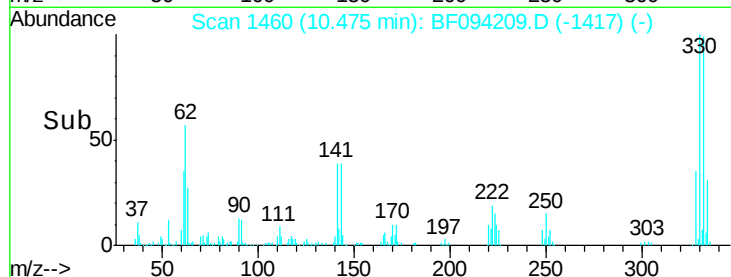
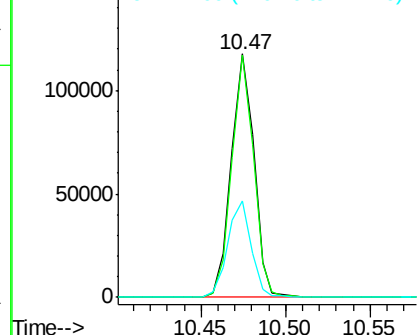
#41
 2,4,6-Tribromophenol
 Concen: 45.88 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.05 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :
 BASING-1(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	41.0	31.4	47.2

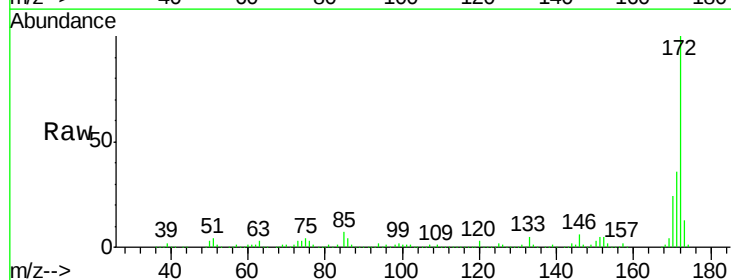


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

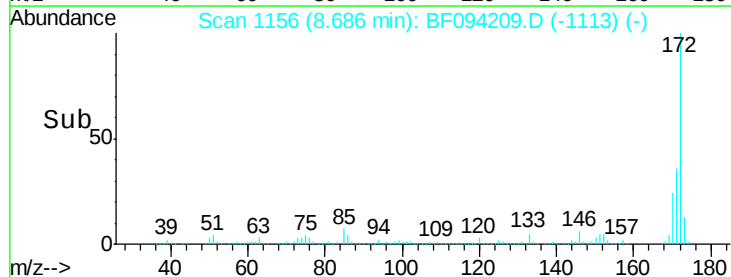
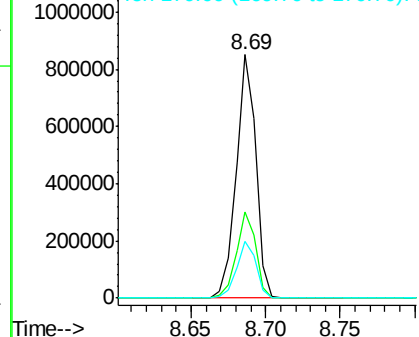


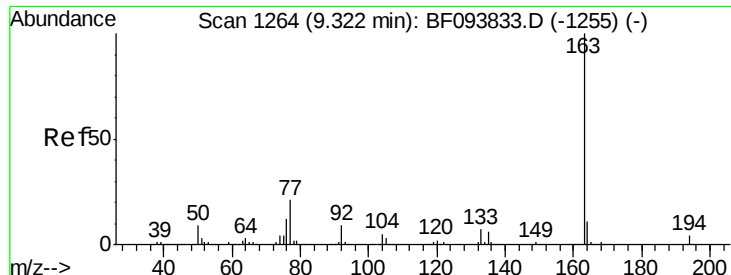
#44
 2-Fluorobiphenyl
 Concen: 39.55 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. -0.05 min
 Lab File: BF094209.D
 Acq: 6 Apr 2017 00:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.5	19.8	29.8



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

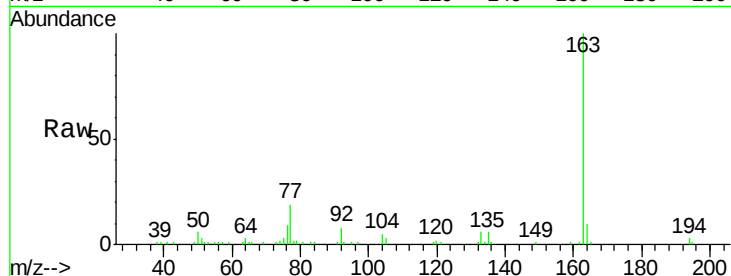




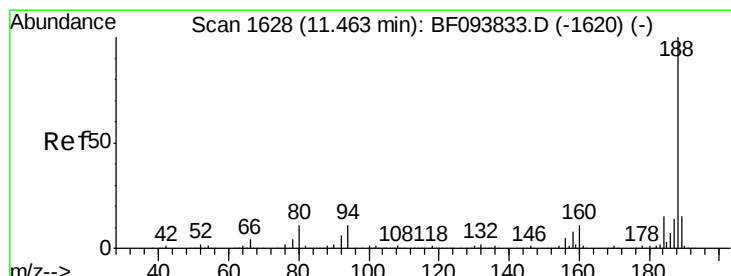
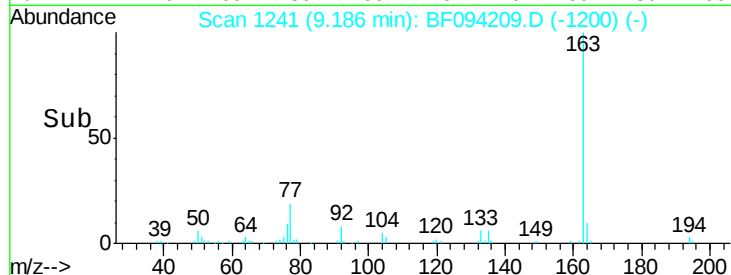
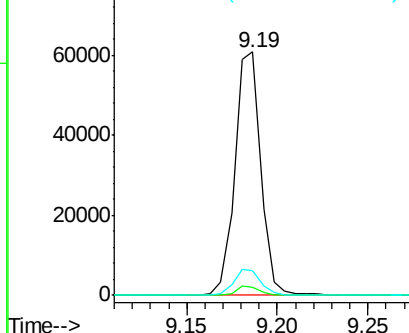
#49
Dimethylphthalate
Concen: 2.77 ng
RT: 9.19 min Scan# 1241
Delta R.T. -0.06 min
Lab File: BF094209.D
Acq: 6 Apr 2017 00:24

Instrument :
BNA_F
ClientSampleId :
BASING-1(0-2)

Tot Ion:163 Resp: 60314
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.4 8.4 12.6

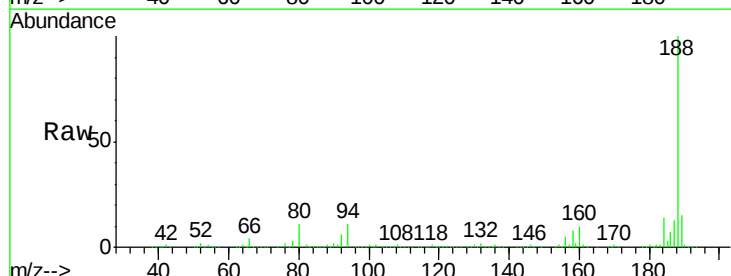


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

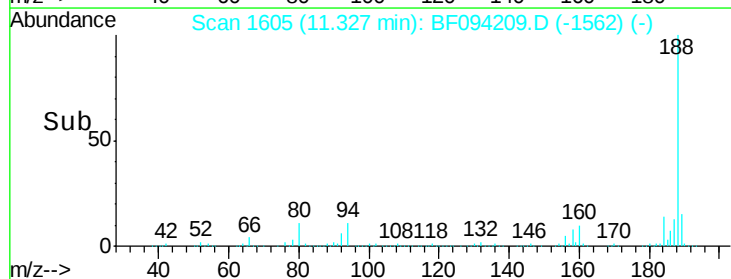
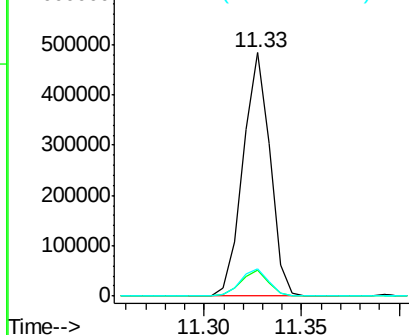


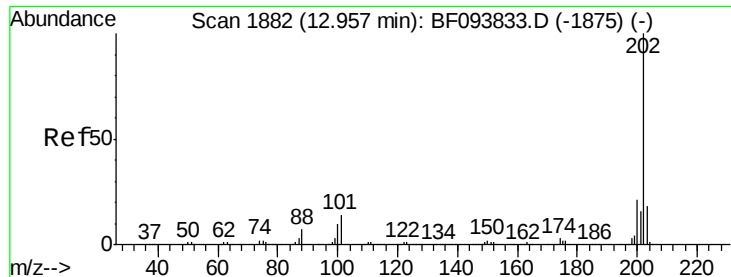
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094209.D
Acq: 6 Apr 2017 00:24

Tgt Ion:188 Resp: 464998
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.1 10.2 15.2



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





#74

Fluoranthene

Concen: 2.18 ng

RT: 12.82 min Scan# 1858

Delta R.T. -0.05 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

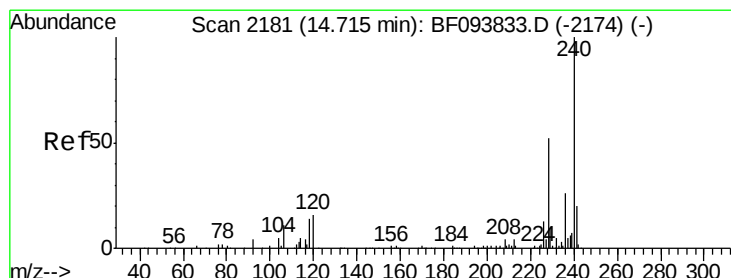
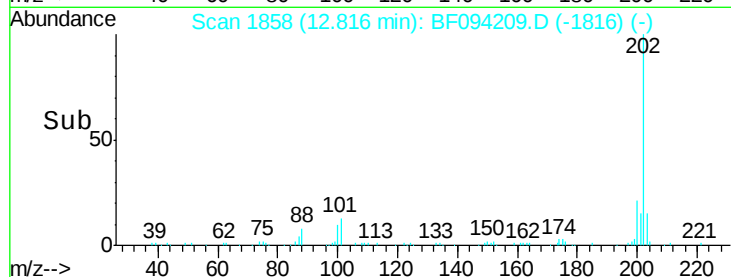
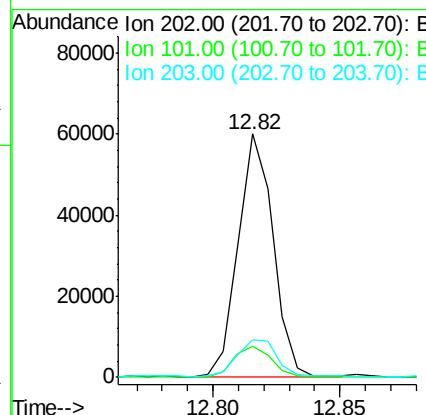
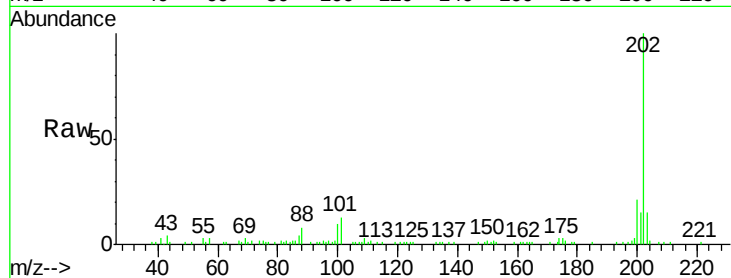
Instrument :

BNA_F

ClientSampleId :

BASING-1(0-2)

Tot Ion:	202	Resp:	57766
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	15.3	0.0	38.1



#75

Chrysene-d12

Concen: 20.00 ng

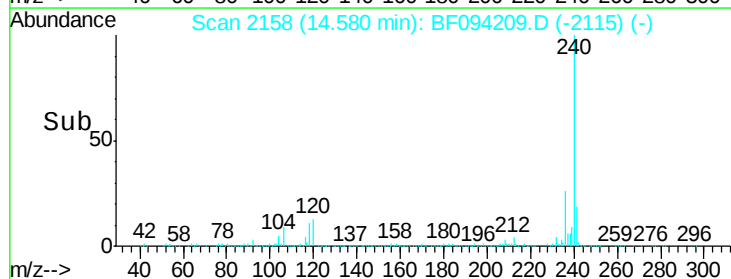
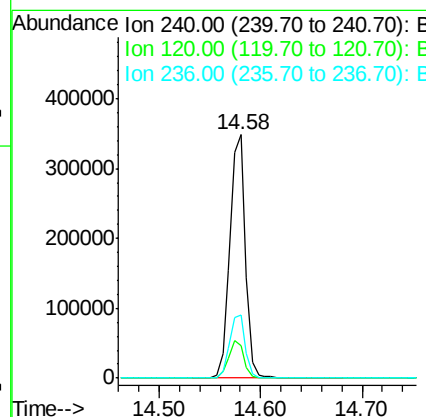
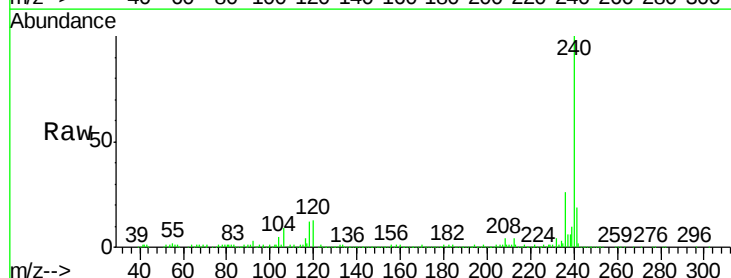
RT: 14.58 min Scan# 2158

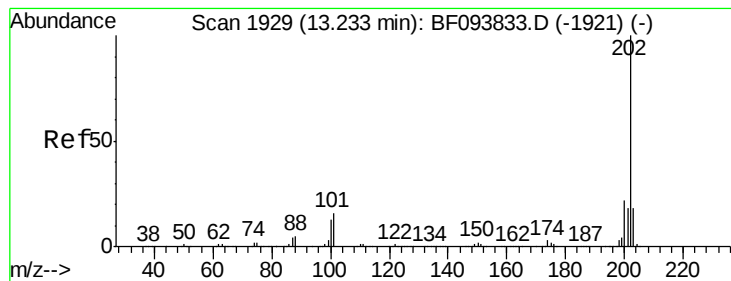
Delta R.T. -0.05 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

Tgt Ion:	240	Resp:	370742
Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	25.8	20.5	30.7





#77

Pvrene

Concen: 2.07 ng

RT: 13.09 min Scan# 1905

Delta R.T. -0.05 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

Instrument :

BNA_F

ClientSampleId :

BASING-1(0-2)

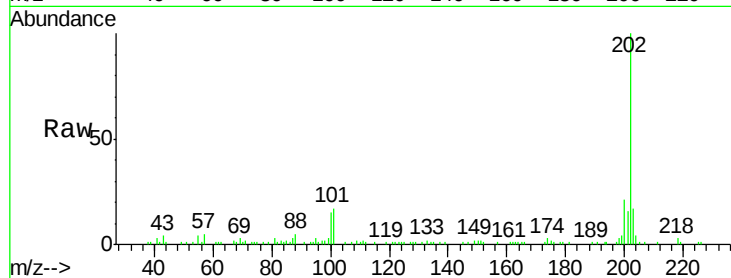
Tot Ion:202 Resp: 55745

Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

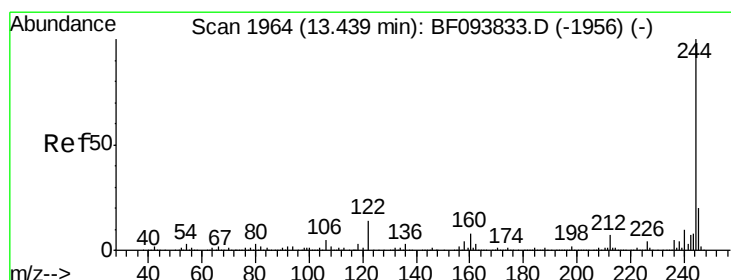
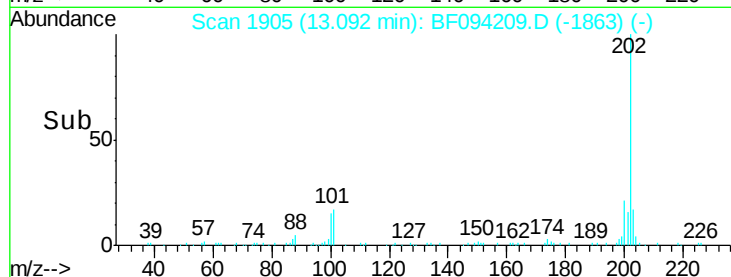
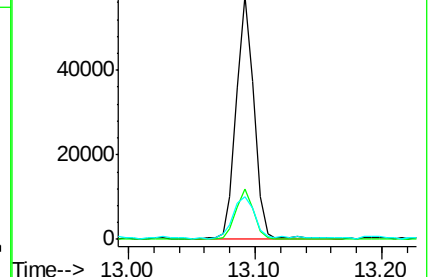
203 17.3 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 30.14 ng

RT: 13.30 min Scan# 1941

Delta R.T. -0.05 min

Lab File: BF094209.D

Acq: 6 Apr 2017 00:24

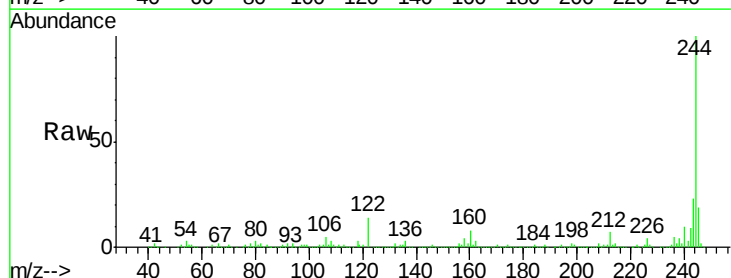
Tgt Ion:244 Resp: 498473

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

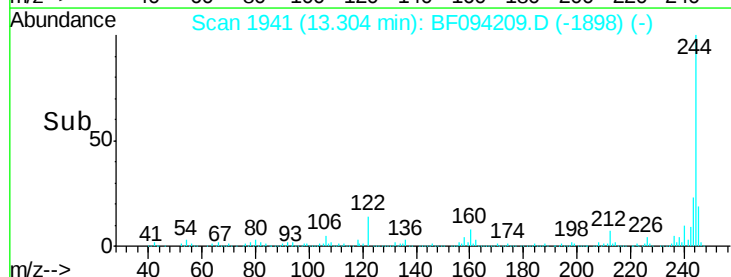
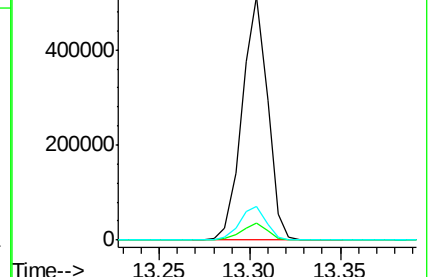
122 14.1 10.3 15.5

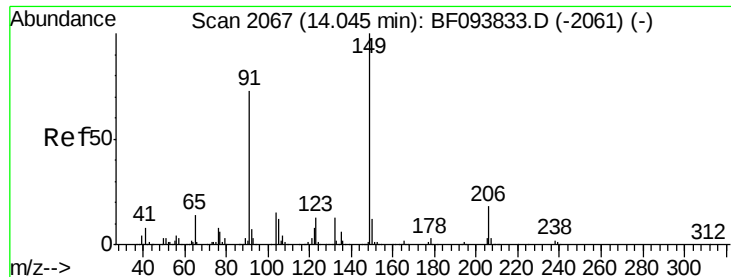


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

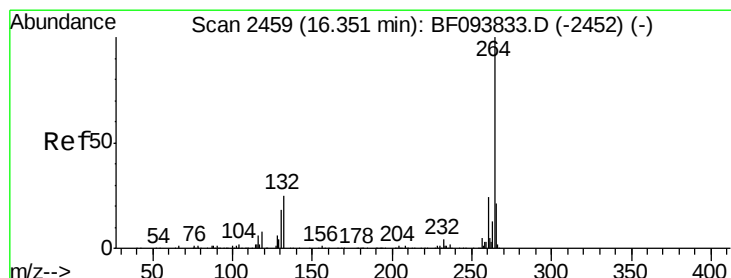
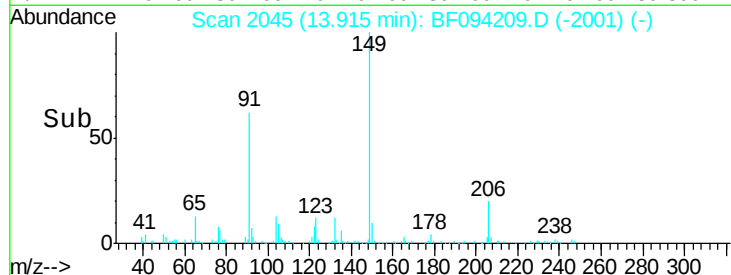
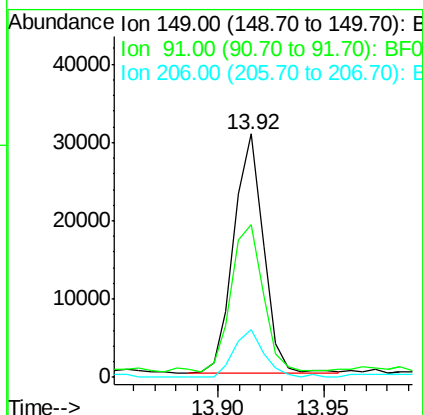
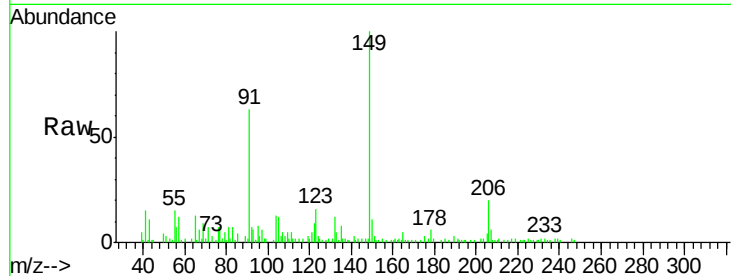




#79
Butylbenzylphthalate
Concen: 2.61 ng
RT: 13.92 min Scan# 2045
Delta R.T. -0.04 min
Lab File: BF094209.D
Acq: 6 Apr 2017 00:24

Instrument :
BNA_F
ClientSampleId :
BASING-1(0-2)

Tot Ion:149 Resp: 29881
Ion Ratio Lower Upper
149 100
91 62.9 45.0 67.4
206 19.8 17.0 25.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 2435
Delta R.T. -0.04 min
Lab File: BF094209.D
Acq: 6 Apr 2017 00:24

Tgt Ion:264 Resp: 281176
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.5 17.2 25.8

