

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093891.D
 Acq On : 23 Mar 2017 21:21
 Operator : SJ/MA
 Sample : I2362-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0667

Quant Time: Mar 24 12:55:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

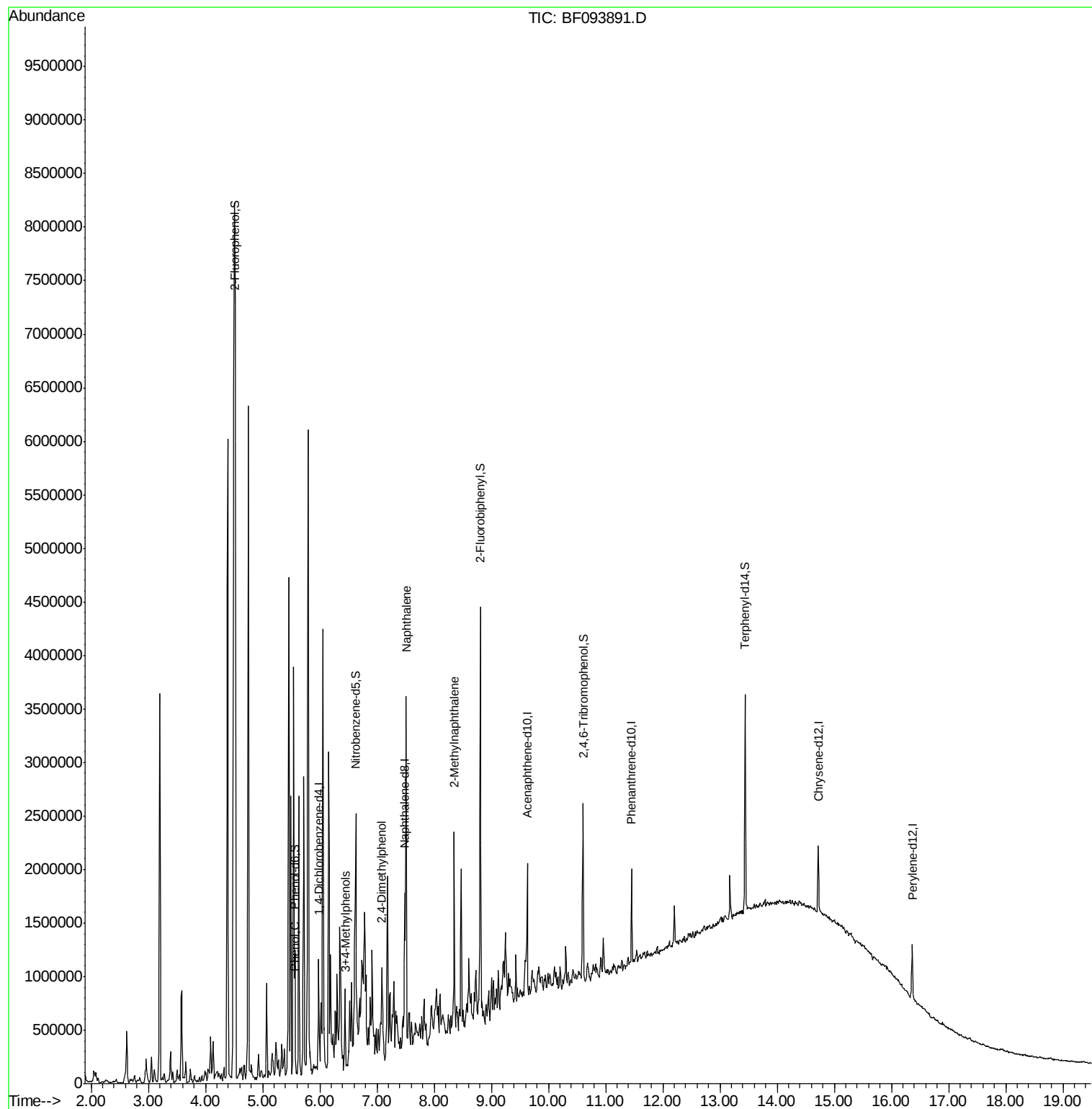
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	162054	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	628112	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	258572	20.00	ng	-0.01
63) Phenanthrene-d10	11.46	188	375022	20.00	ng	0.00
75) Chrysene-d12	14.72	240	284052	20.00	ng	0.00
86) Perylene-d12	16.36	264	205882	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	247519	25.80	ng	0.00
7) Phenol-d6	5.56	99	403326	33.98	ng	0.00
23) Nitrobenzene-d5	6.63	82	859044	78.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	252694	123.67	ng	0.00
44) 2-Fluorobiphenyl	8.81	172	1496681	88.29	ng	-0.01
78) Terphenyl-d14	13.44	244	882830	69.67	ng	0.00
Target Compounds						
10) Phenol	5.57	94	36486	2.70	ng	Qvalue 92
20) 3+4-Methylphenols	6.45	107	29250	2.67	ng	# 67
27) 2,4-Dimethylphenol	7.09	122	133269	14.94	ng	98
31) Naphthalene	7.51	128	1662530	55.05	ng	99
37) 2-Methylnaphthalene	8.35	142	558540	27.74	ng	99

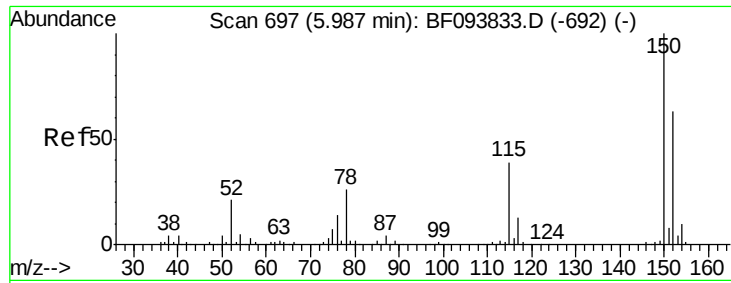
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093891.D
Acq On : 23 Mar 2017 21:21
Operator : SJ/MA
Sample : I2362-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0667

Quant Time: Mar 24 12:55:22 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

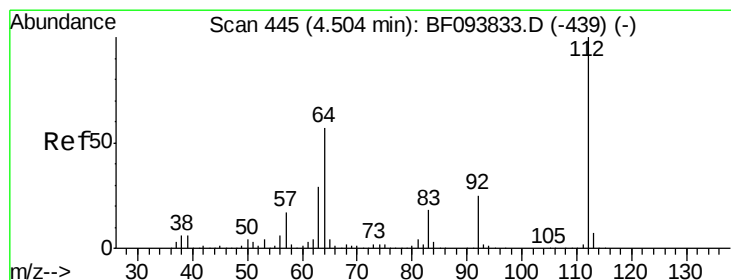
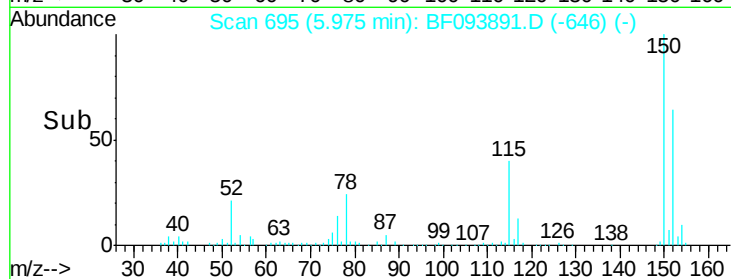
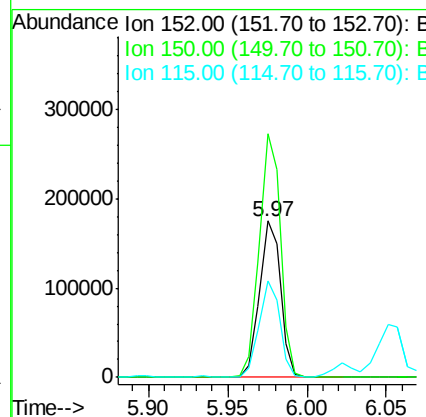
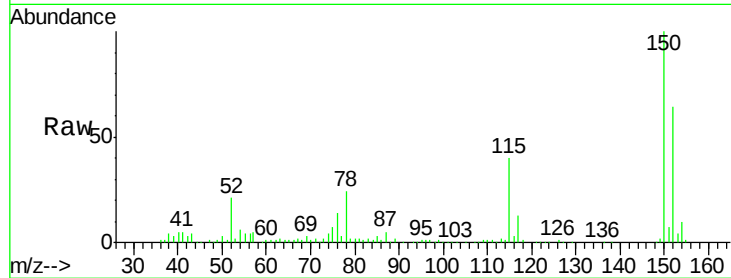




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.97 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF093891.D
 Acq: 23 Mar 2017 21:21

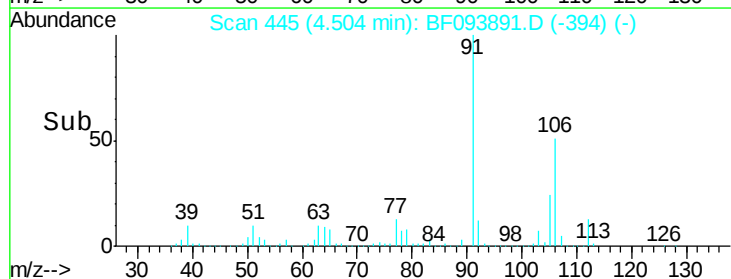
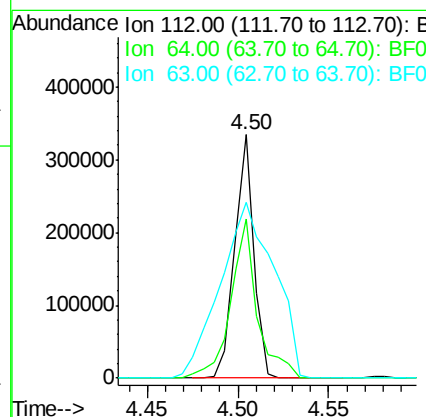
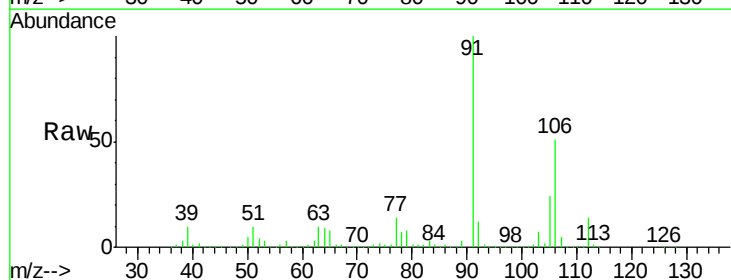
Instrument :
 BNA_F
 ClientSampleId :
 S8-0667

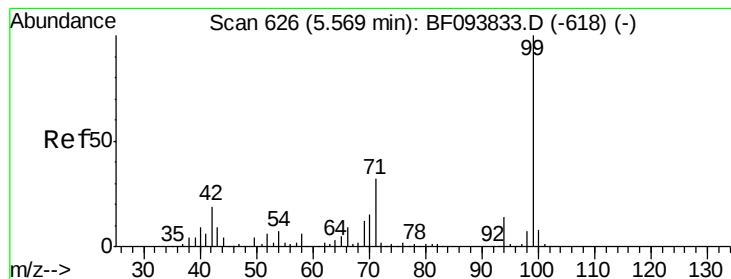
Tgt Ion:152 Resp: 162054
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.2 189.2
 115 62.0 52.2 78.2



#5
 2-Fluorophenol
 Concen: 25.80 ng
 RT: 4.50 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF093891.D
 Acq: 23 Mar 2017 21:21

Tgt Ion:112 Resp: 247519
 Ion Ratio Lower Upper
 112 100
 64 65.1 46.0 69.0
 63 72.4 23.4 35.0#





#7

Phenol-d6

Concen: 33.98 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093891.D

Acq: 23 Mar 2017 21:21

Instrument :

BNA_F

ClientSampleId :

S8-0667

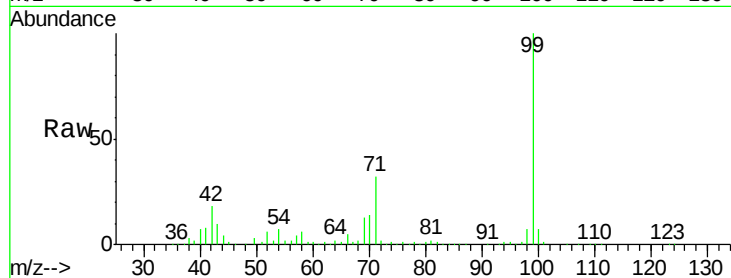
Tgt Ion: 99 Resp: 403326

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

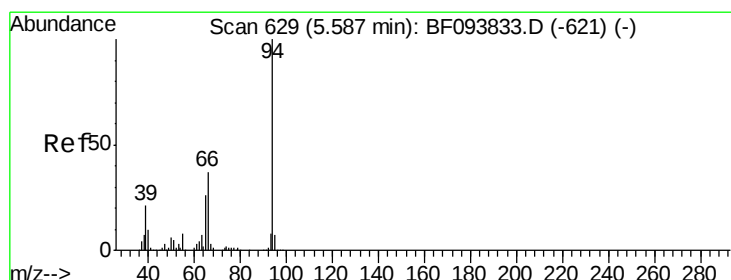
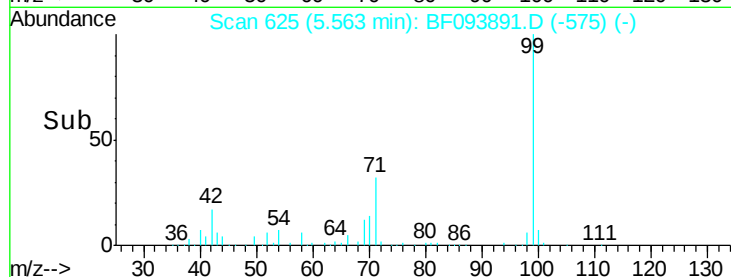
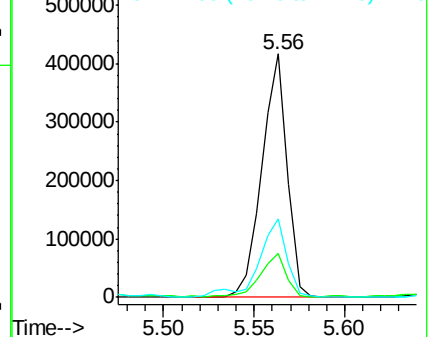
71 32.4 24.5 36.7



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



#10

Phenol

Concen: 2.70 ng

RT: 5.57 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF093891.D

Acq: 23 Mar 2017 21:21

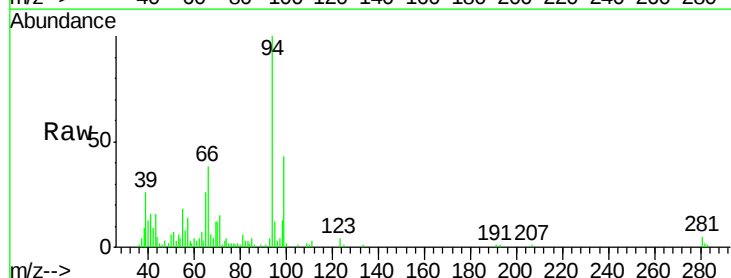
Tgt Ion: 94 Resp: 36486

Ion Ratio Lower Upper

94 100

65 25.5 9.9 49.9

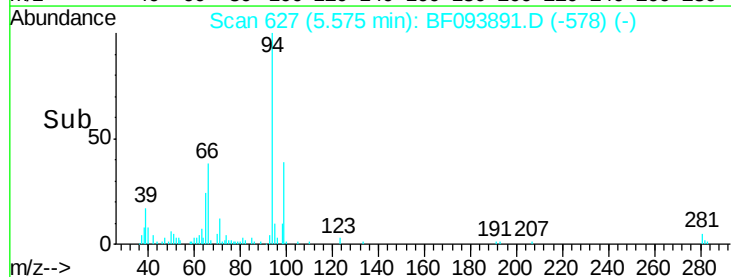
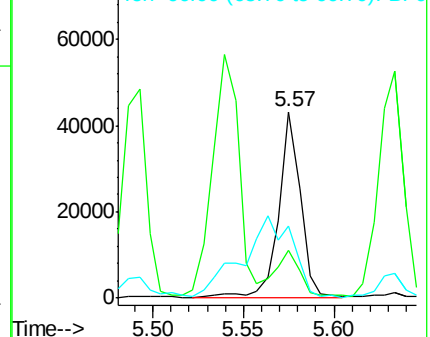
66 38.4 23.1 63.1

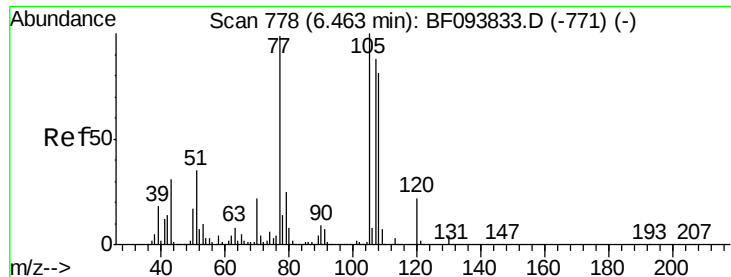


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

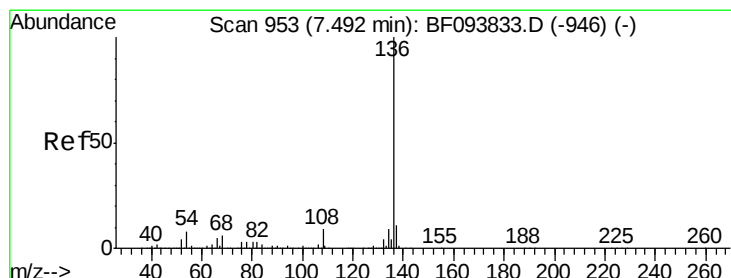
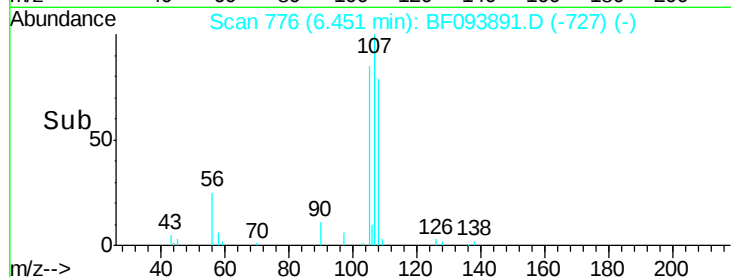
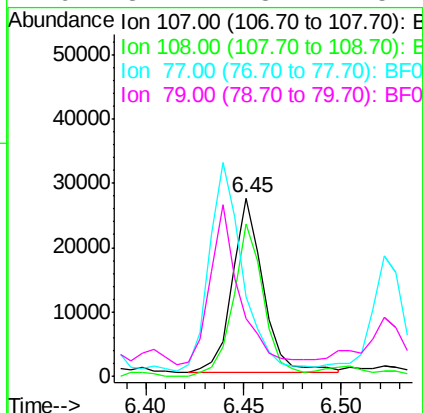
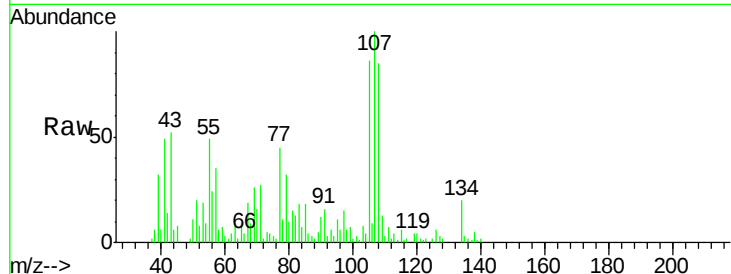




#20
3+4-Methylphenols
Concen: 2.67 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF093891.D
Acq: 23 Mar 2017 21:21

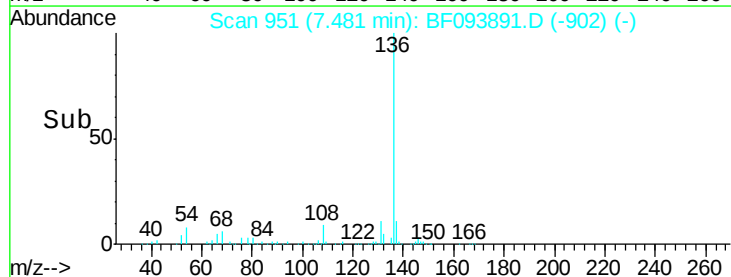
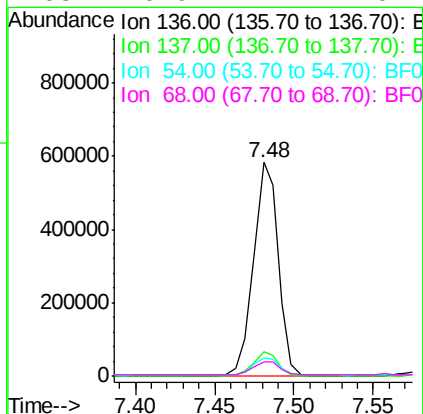
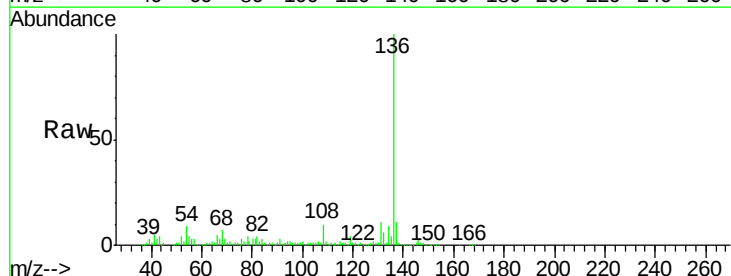
Instrument :
BNA_F
ClientSampleId :
S8-0667

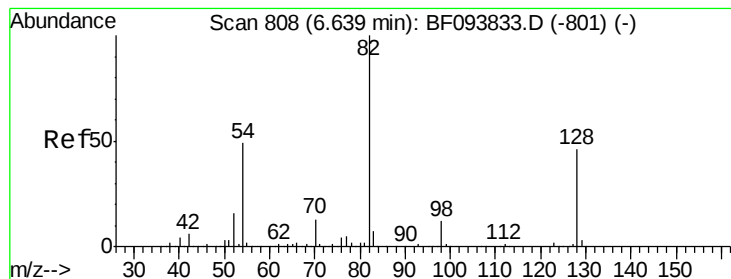
Tgt Ion:107 Resp: 29250
Ion Ratio Lower Upper
107 100
108 85.4 71.0 111.0
77 44.7 90.5 130.5#
79 32.1 8.4 48.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093891.D
Acq: 23 Mar 2017 21:21

Tgt Ion:136 Resp: 628112
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 8.5 4.9 7.3#
68 6.9 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 78.05 ng

RT: 6.63 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF093891.D

Acq: 23 Mar 2017 21:21

Instrument :

BNA_F

ClientSampleId :

S8-0667

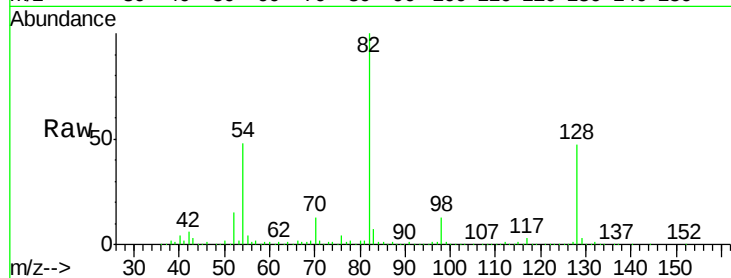
Tgt Ion: 82 Resp: 859044

Ion Ratio Lower Upper

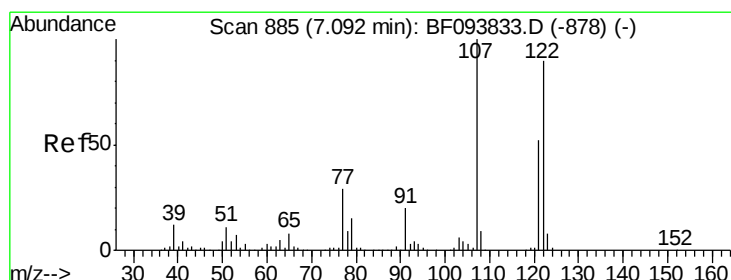
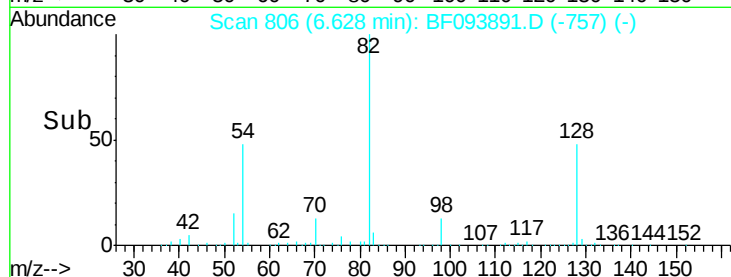
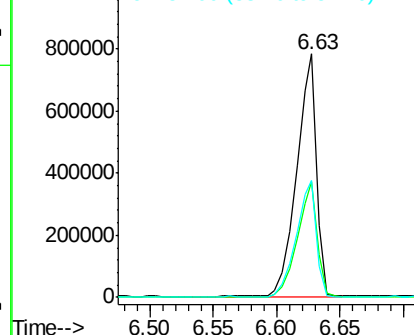
82 100

128 47.5 34.0 51.0

54 48.0 42.2 63.2



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



#27

2,4-Dimethylphenol

Concen: 14.94 ng

RT: 7.09 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF093891.D

Acq: 23 Mar 2017 21:21

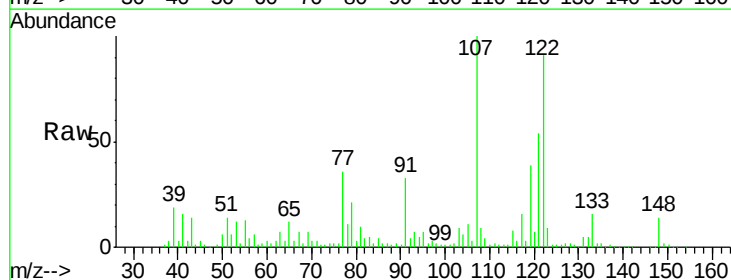
Tgt Ion: 122 Resp: 133269

Ion Ratio Lower Upper

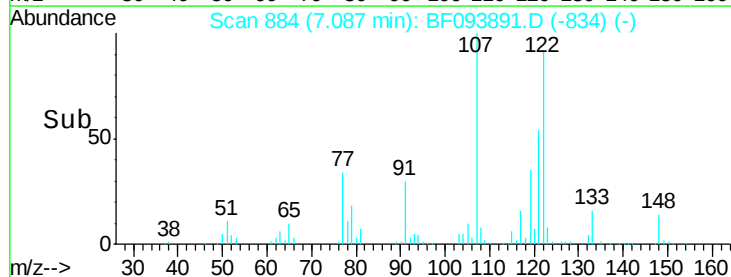
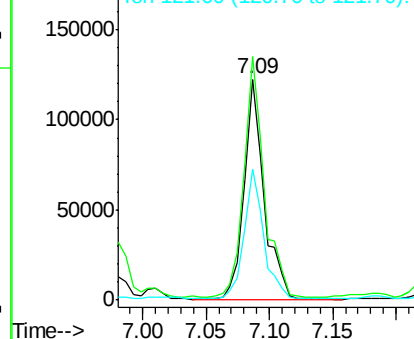
122 100

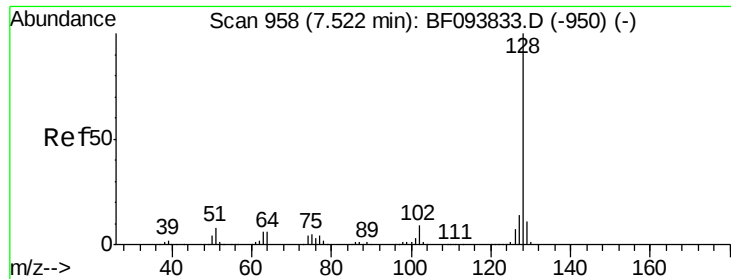
107 110.3 89.2 133.8

121 59.5 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

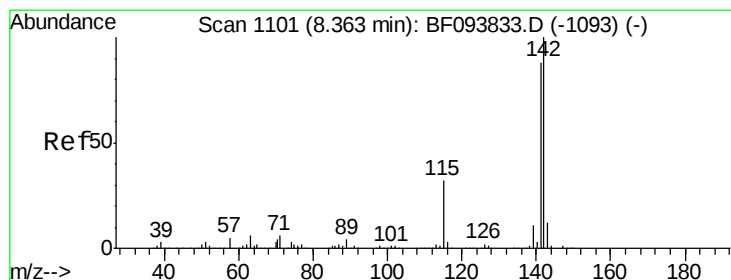
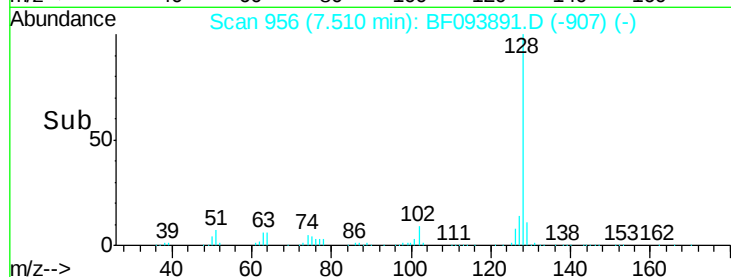
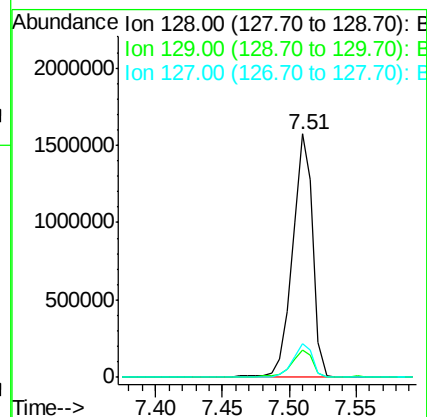
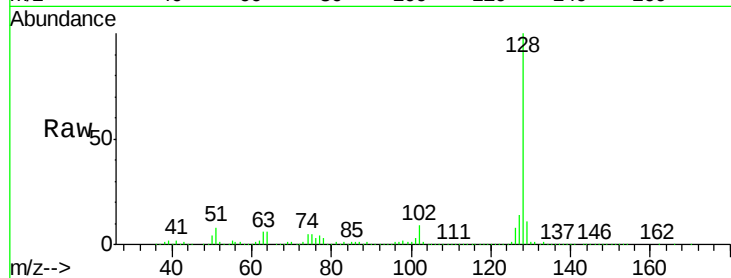




#31
Naphthalene
Concen: 55.05 ng
RT: 7.51 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF093891.D
Acq: 23 Mar 2017 21:21

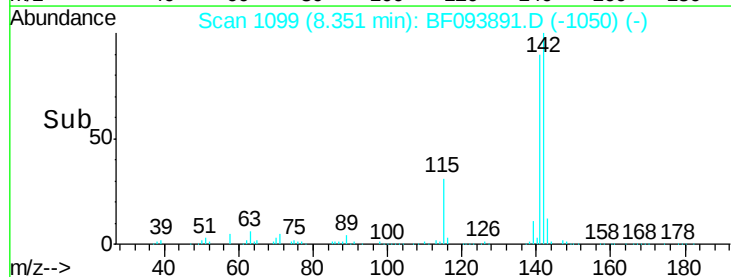
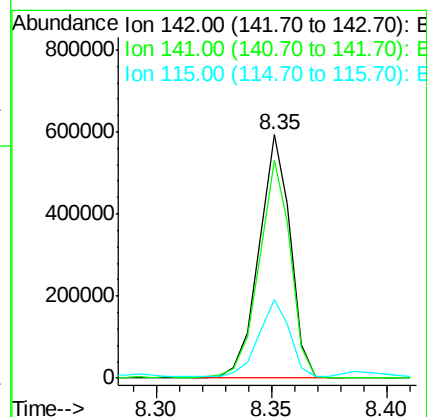
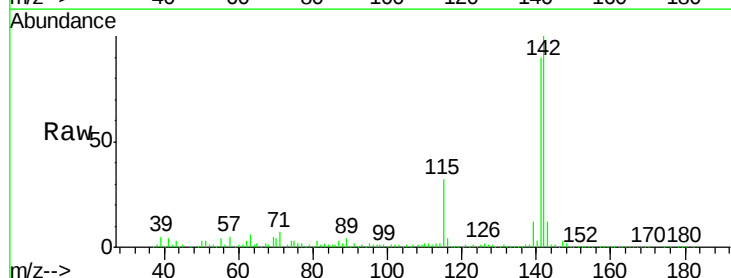
Instrument :
BNA_F
ClientSampleId :
S8-0667

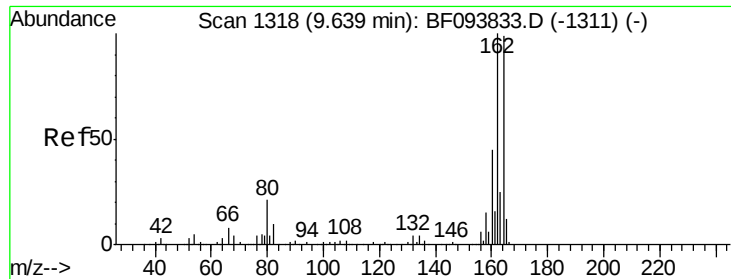
Tgt Ion:128 Resp: 1662530
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.9 10.8 16.2



#37
2-Methylnaphthalene
Concen: 27.74 ng
RT: 8.35 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF093891.D
Acq: 23 Mar 2017 21:21

Tgt Ion:142 Resp: 558540
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9
115 32.2 27.1 40.7

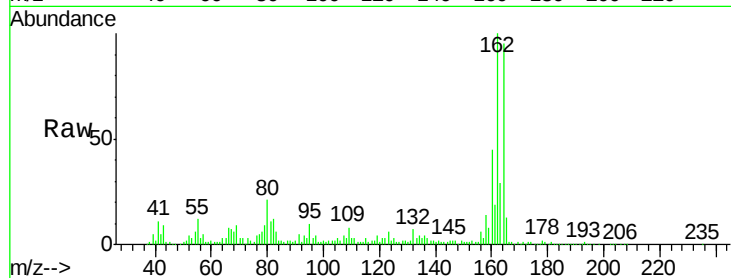




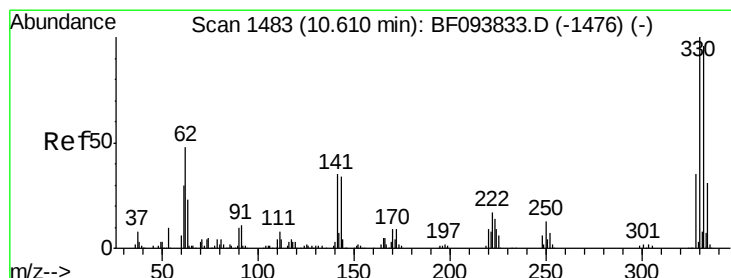
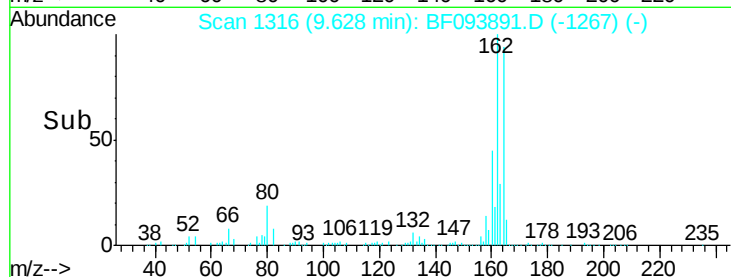
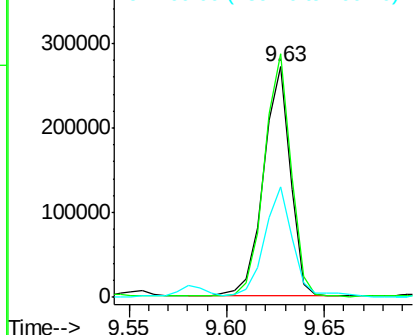
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF093891.D
 Acq: 23 Mar 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :
 S8-0667

Tgt Ion:164 Resp: 258572
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.6 123.8
 160 47.7 36.2 54.2

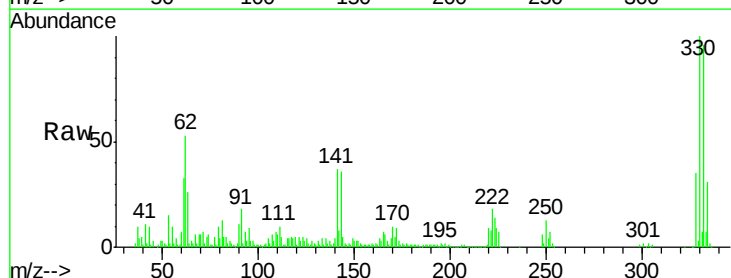


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

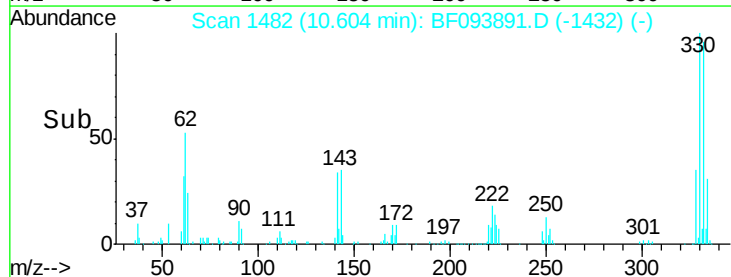
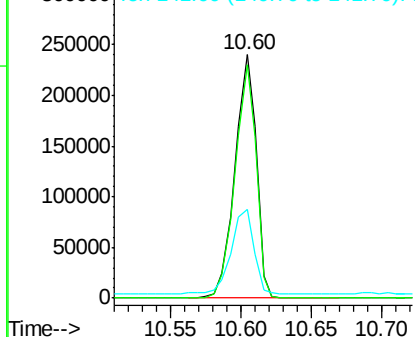


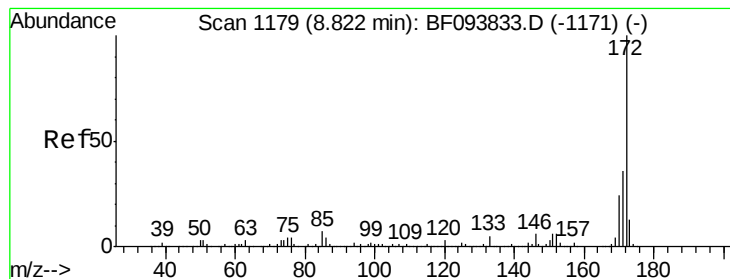
#41
 2,4,6-Tribromophenol
 Concen: 123.67 ng
 RT: 10.60 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF093891.D
 Acq: 23 Mar 2017 21:21

Tgt Ion:330 Resp: 252694
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 37.3 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: 88.29 ng

RT: 8.81 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF093891.D

Acq: 23 Mar 2017 21:21

Instrument :

BNA_F

ClientSampleId :

S8-0667

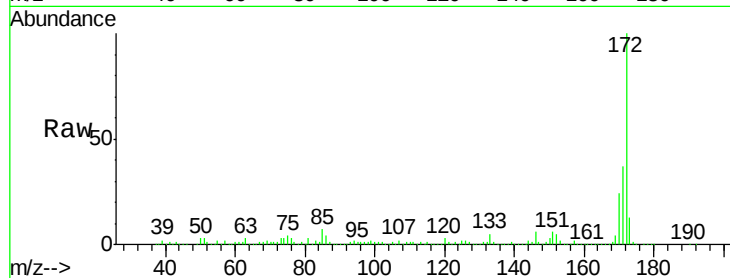
Tgt Ion:172 Resp: 1496681

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

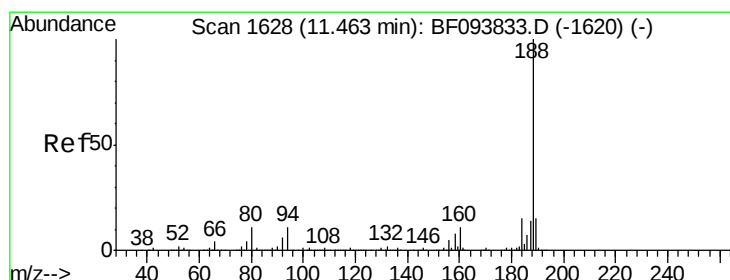
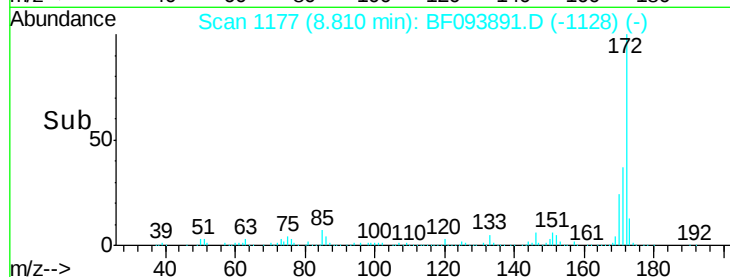
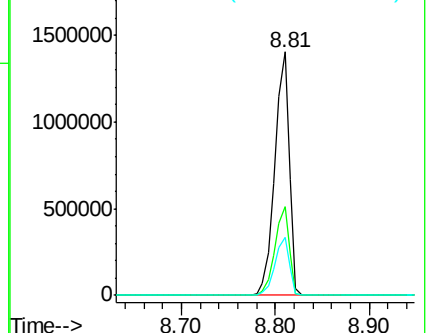
170 23.9 19.8 29.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BF093891.D

Acq: 23 Mar 2017 21:21

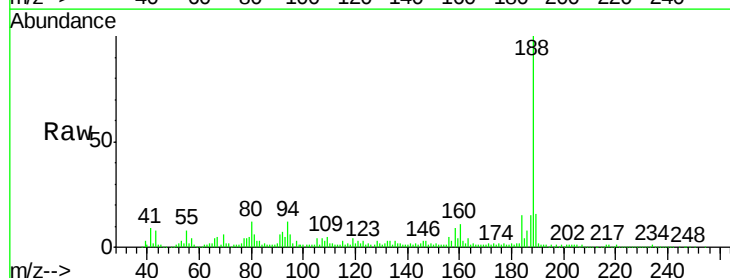
Tgt Ion:188 Resp: 375022

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

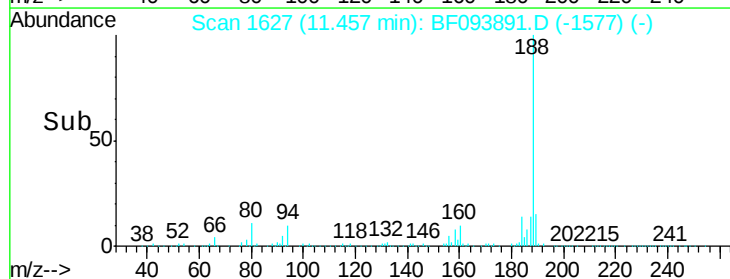
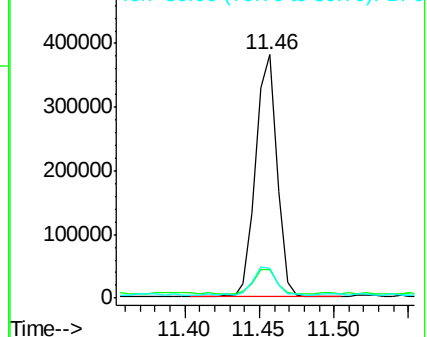
80 12.0 10.2 15.2

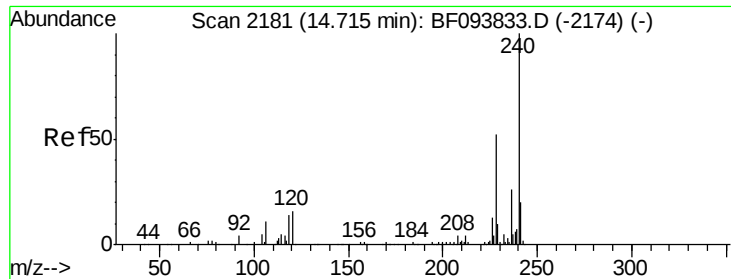


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.72 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF093891.D

Acq: 23 Mar 2017 21:21

Instrument :

BNA_F

ClientSampleId :

S8-0667

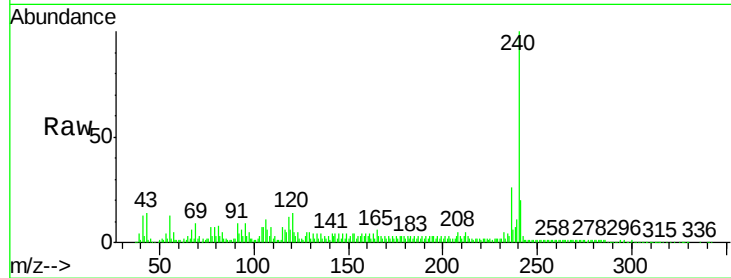
Tgt Ion:240 Resp: 284052

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

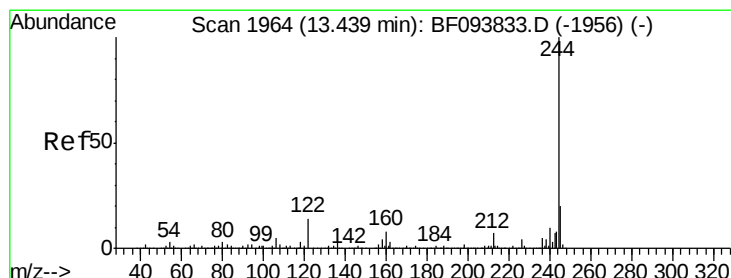
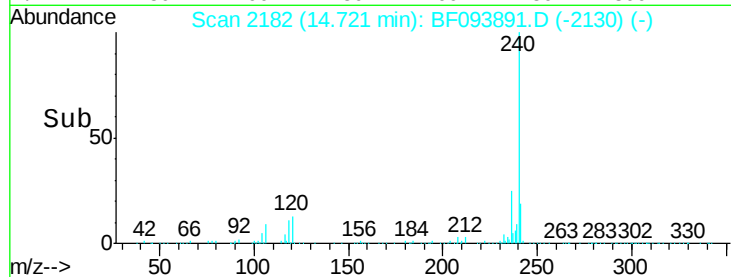
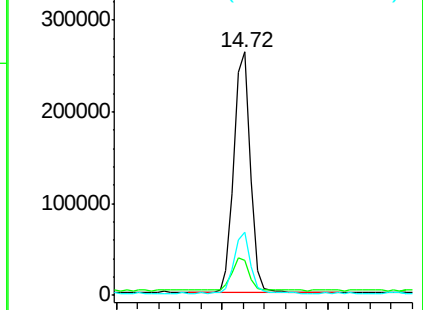
236 25.7 20.5 30.7



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: 69.67 ng

RT: 13.44 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BF093891.D

Acq: 23 Mar 2017 21:21

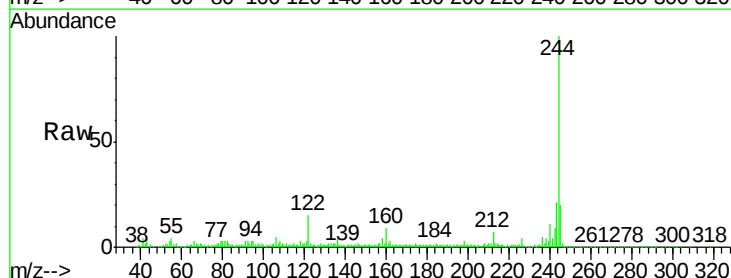
Tgt Ion:244 Resp: 882830

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

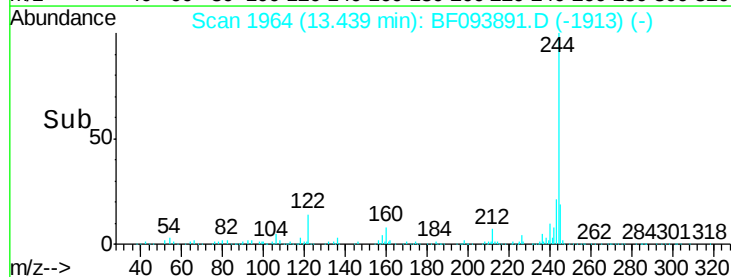
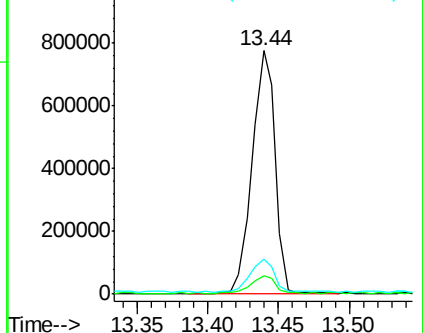
122 14.6 10.3 15.5

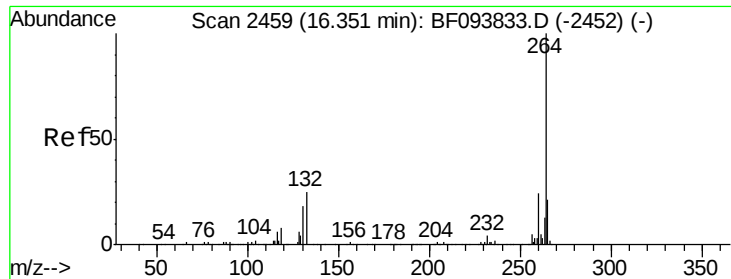


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.36 min Scan# 2461
Delta R.T. 0.01 min
Lab File: BF093891.D
Acq: 23 Mar 2017 21:21

Instrument :
BNA_F
ClientSampleId :
S8-0667

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.3	17.2	25.8

