

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092727.D
 Acq On : 2 Feb 2017 3:04
 Operator : SJ/MA
 Sample : I1615-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Quant Time: Feb 02 12:23:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

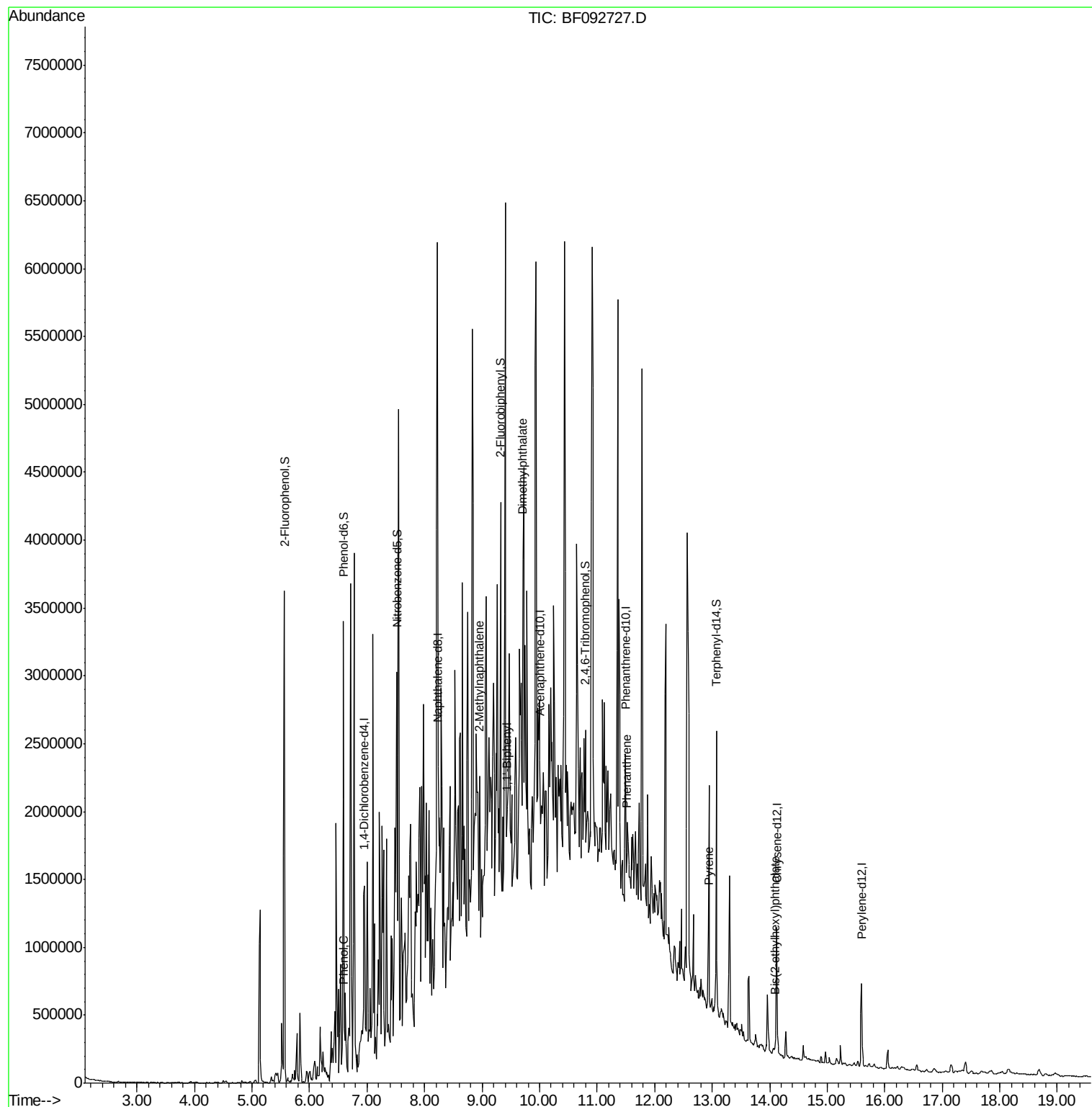
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	148757	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	494831	20.00	ng	-0.02
38) Acenaphthene-d10	10.01	164	232440	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	342122	20.00	ng	0.00
75) Chrysene-d12	14.12	240	300572	20.00	ng	-0.02
86) Perylene-d12	15.60	264	295311	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1012697	116.79	ng	-0.01
7) Phenol-d6	6.59	99	1301537	116.66	ng	-0.01
23) Nitrobenzene-d5	7.52	82	796022	89.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	164671	97.95	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1057347	82.41	ng	-0.01
78) Terphenyl-d14	13.07	244	600534	46.95	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.60	94	86164	6.60	ng	# 65
37) 2-Methylnaphthalene	8.96	142	278418	17.29	ng	99
45) 1,1'-Biphenyl	9.42	154	63296	3.76	ng	96
49) Dimethylphthalate	9.71	163	196242	12.53	ng	# 95
70) Phenanthrene	11.52	178	70165	3.58	ng	# 93
77) Pyrene	12.93	202	48576	2.16	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	29012	2.32	ng	# 96

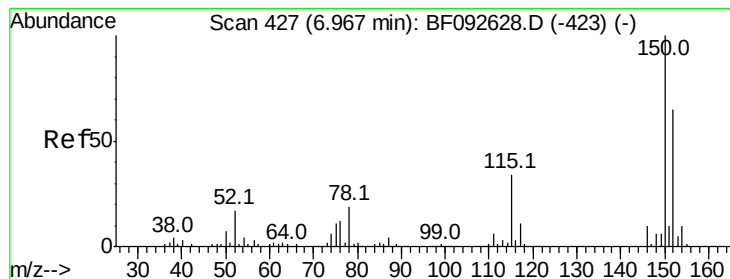
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
Data File : BF092727.D
Acq On : 2 Feb 2017 3:04
Operator : SJ/MA
Sample : I1615-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

Quant Time: Feb 02 12:23:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

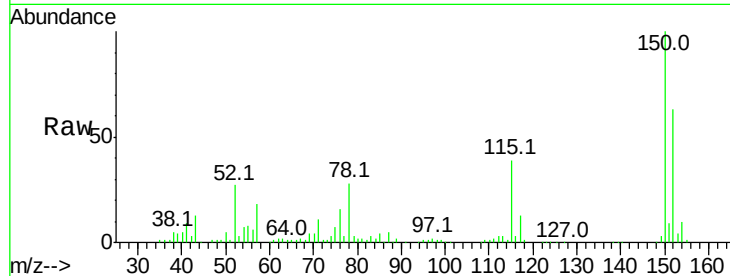
Tot Ion:152 Resp: 148757

Ion Ratio Lower Upper

152 100

150 159.7 124.9 187.3

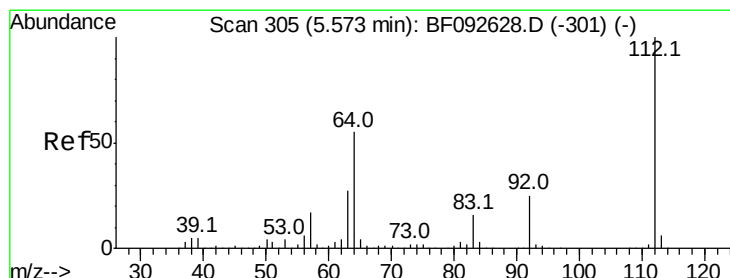
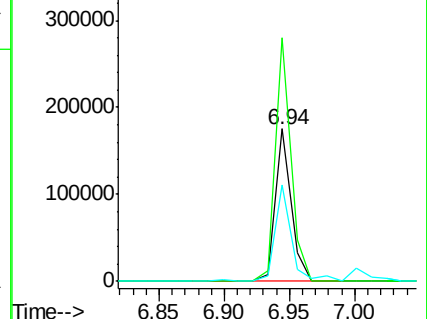
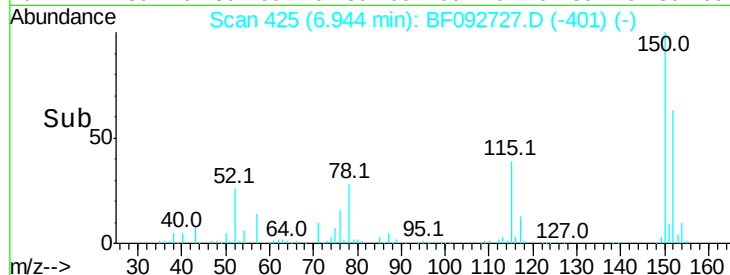
115 63.0 46.0 69.0



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: 116.79 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

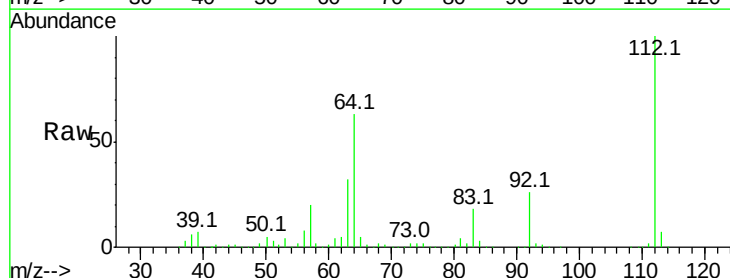
Tgt Ion:112 Resp: 1012697

Ion Ratio Lower Upper

112 100

64 63.0 46.1 69.1

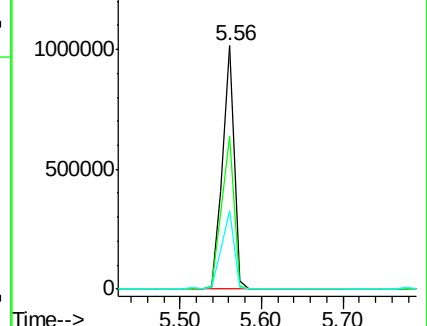
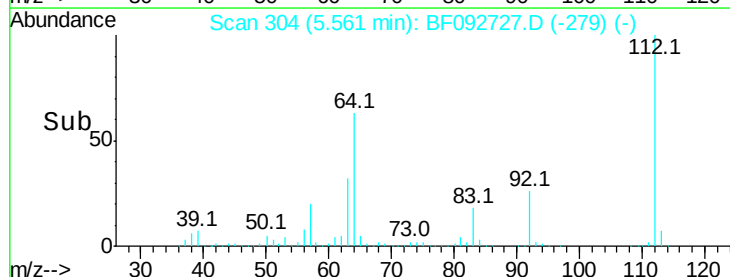
63 32.0 23.8 35.6

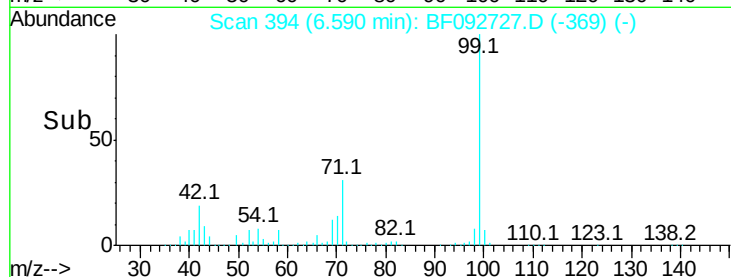
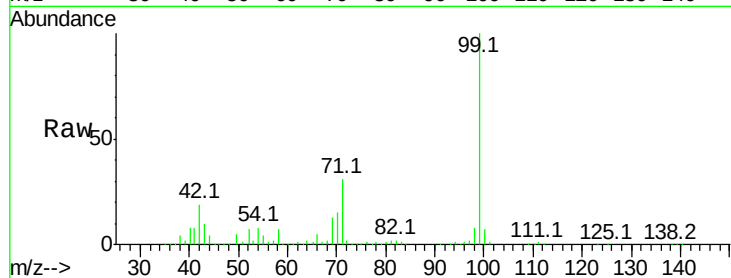
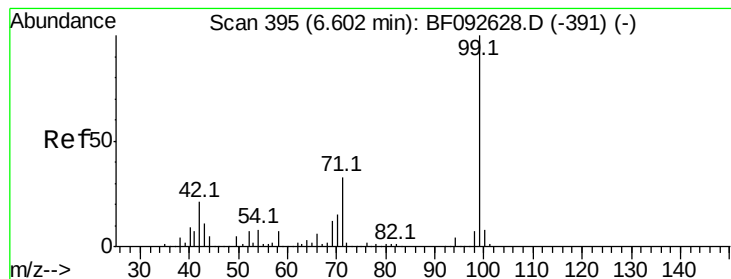


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.66 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

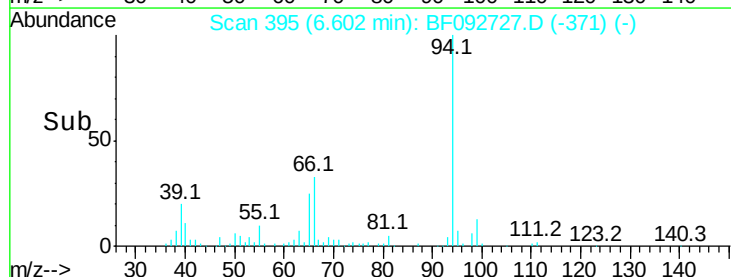
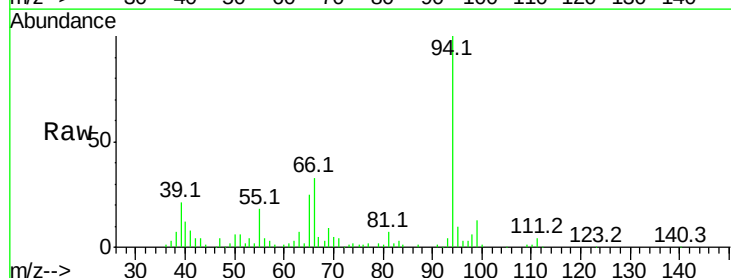
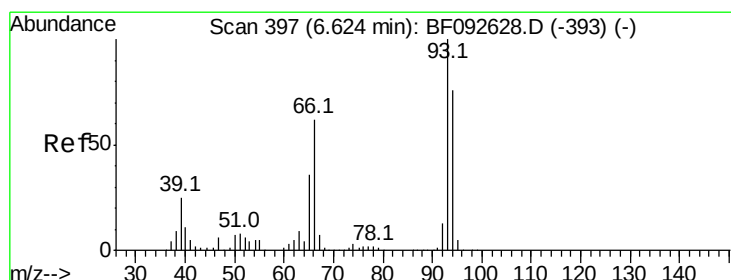
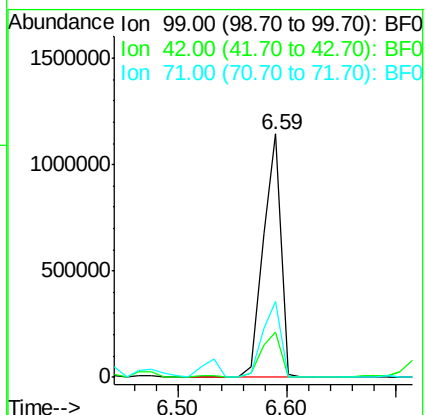
BNA_F

ClientSampleId :

SS-1

Tot Ion: 99 Resp: 1301537

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.6	23.4
71	31.3	27.5	41.3



#10

Phenol

Concen: 6.60 ng

RT: 6.60 min Scan# 395

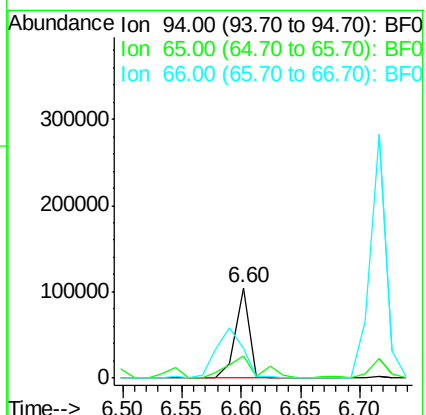
Delta R.T. -0.02 min

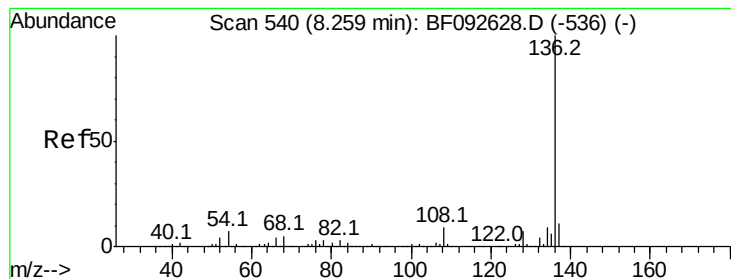
Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Tgt Ion: 94 Resp: 86164

Ion	Ratio	Lower	Upper
94	100		
65	24.8	21.4	61.4
66	32.6	44.0	84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

Tot Ion:136 Resp: 494831

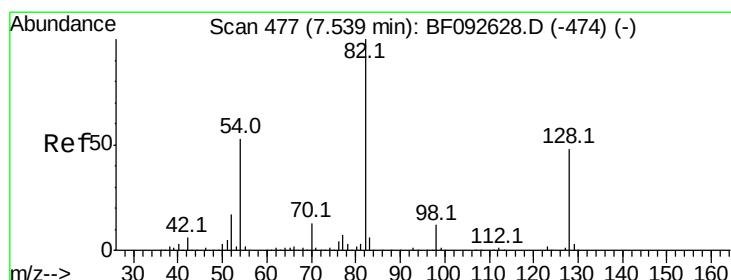
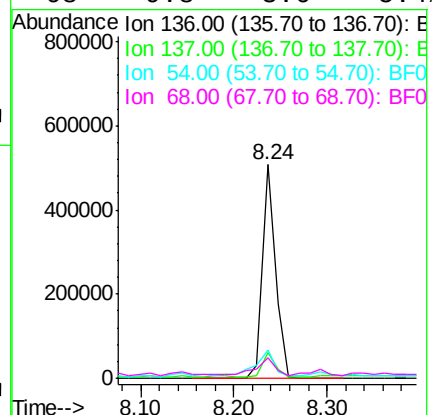
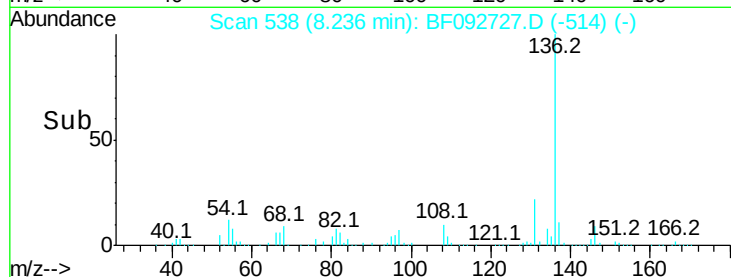
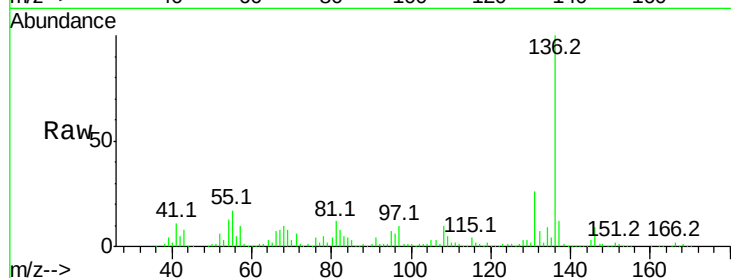
Ion Ratio Lower Upper

136 100

137 11.9 8.4 12.6

54 13.3 4.5 6.7#

68 9.8 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 89.58 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

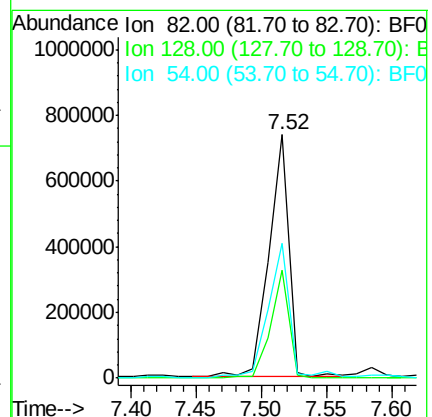
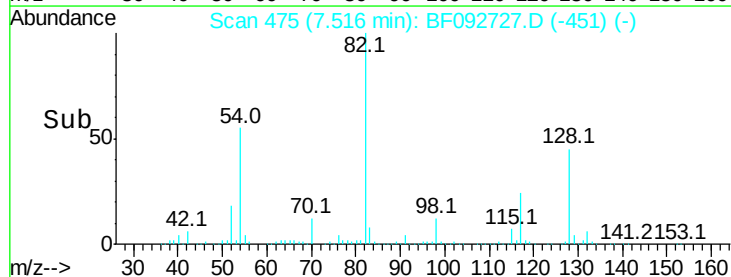
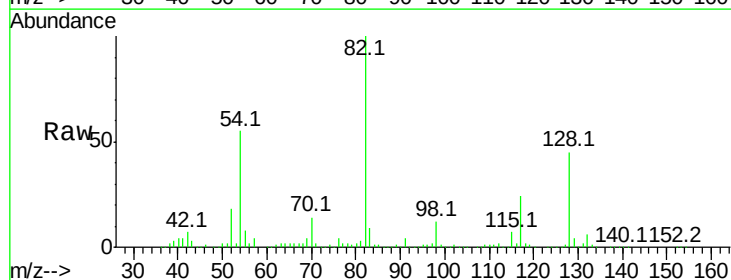
Tgt Ion: 82 Resp: 796022

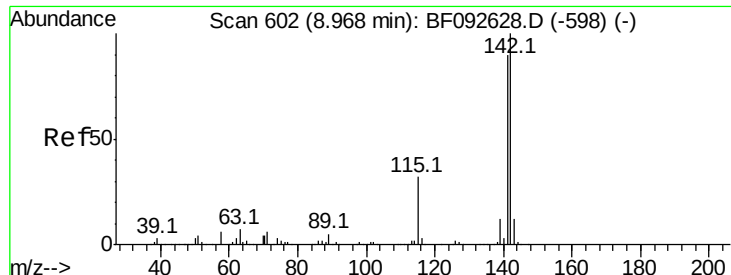
Ion Ratio Lower Upper

82 100

128 44.5 34.6 52.0

54 55.5 39.5 59.3

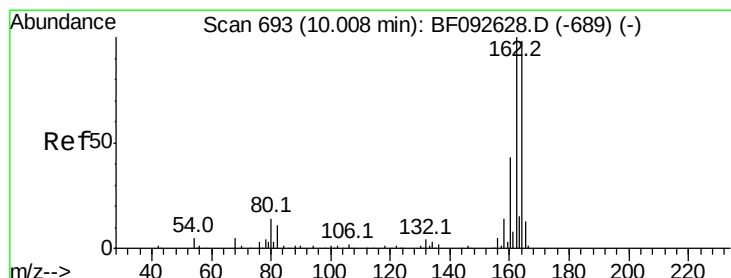
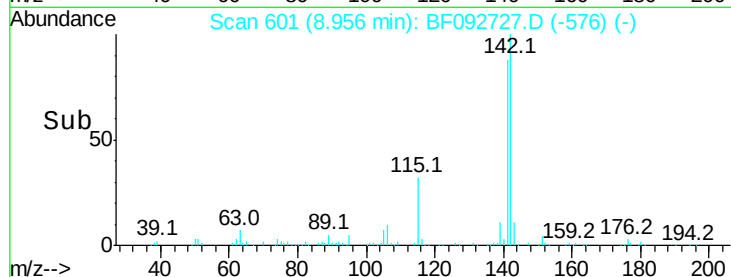
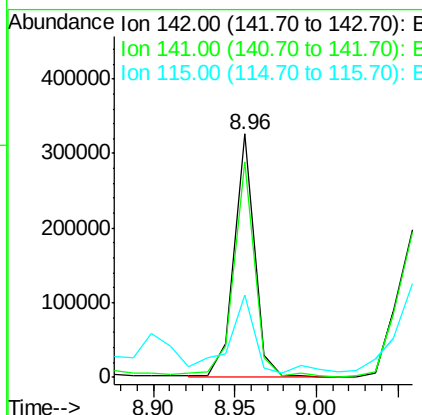
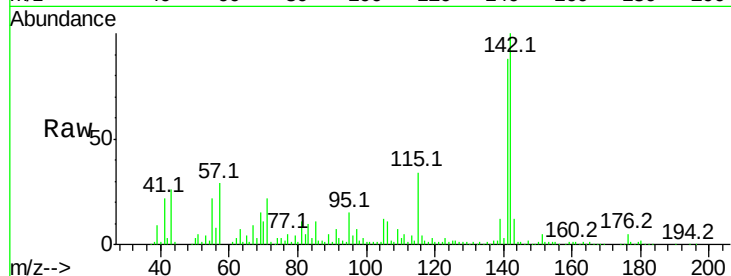




#37
2-Methylnaphthalene
Concen: 17.29 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF092727.D
Acq: 2 Feb 2017 3:04

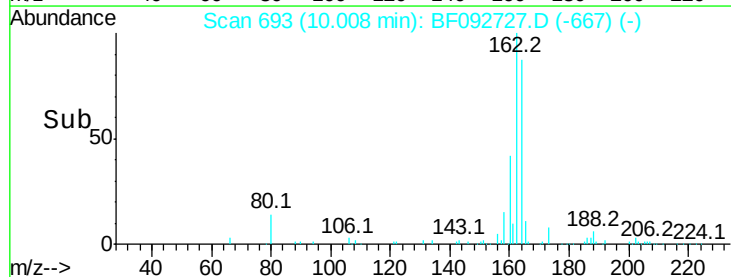
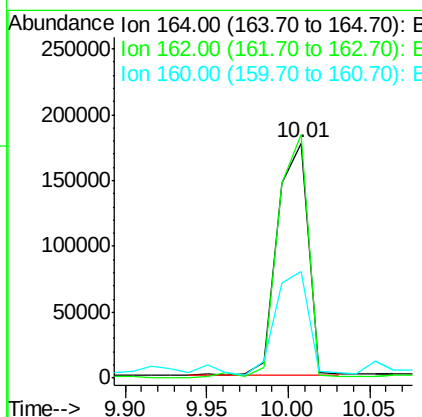
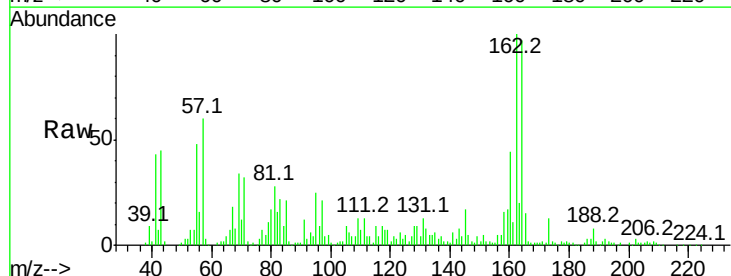
Instrument :
BNA_F
ClientSampleId :
SS-1

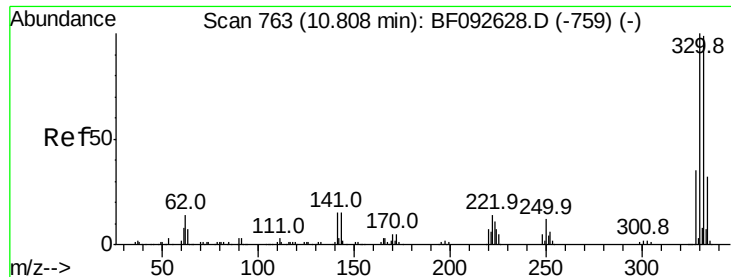
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	33.8	28.3	42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092727.D
Acq: 2 Feb 2017 3:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.2	120.2
160	45.6	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 97.95 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

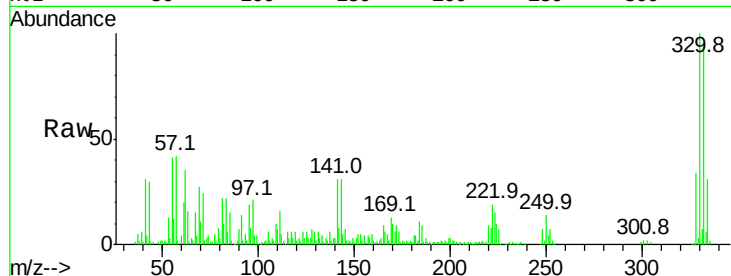
Tot Ion:330 Resp: 164671

Ion Ratio Lower Upper

330 100

332 94.4 77.4 116.2

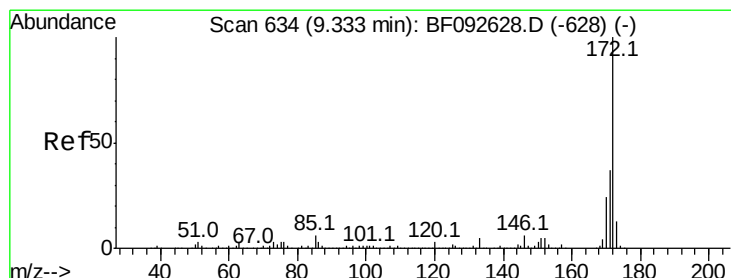
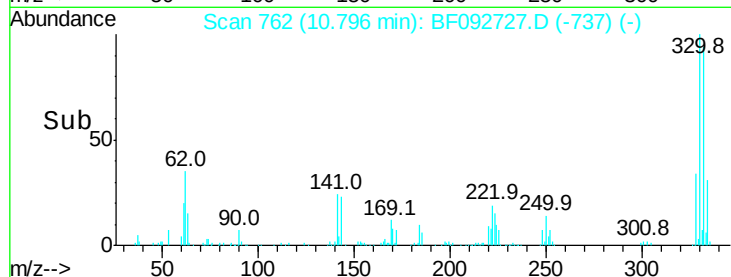
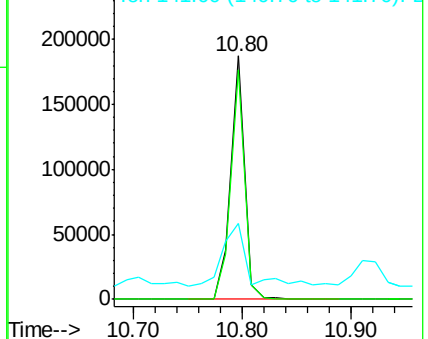
141 41.6 34.1 51.1



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: 82.41 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

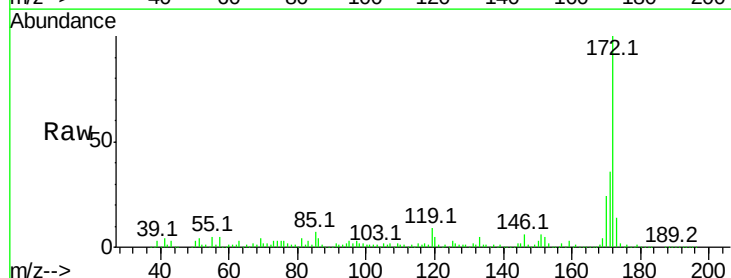
Tgt Ion:172 Resp: 1057347

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

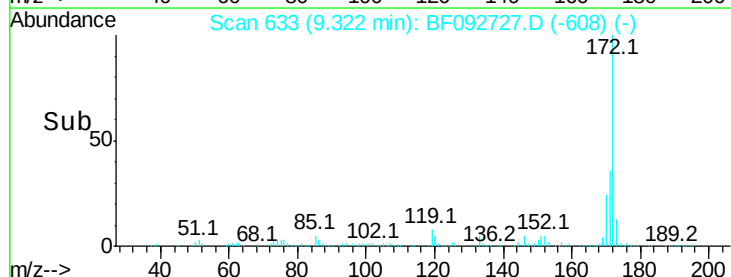
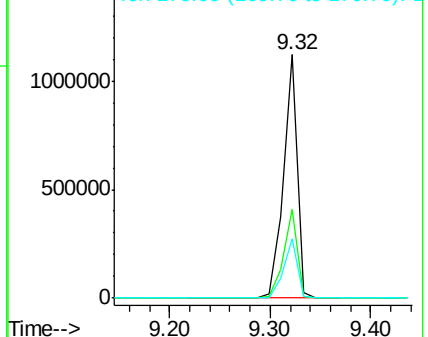
170 24.3 20.2 30.4

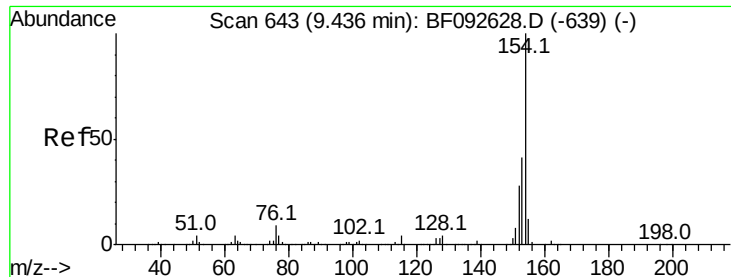


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 3.76 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

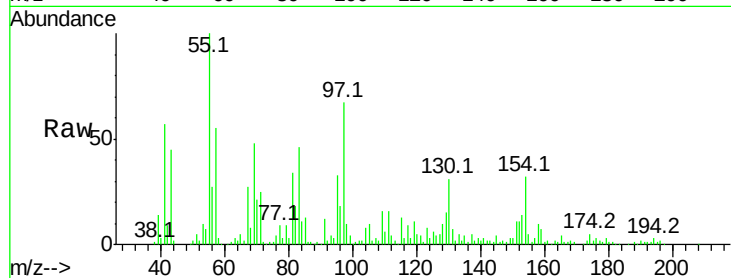
Tot Ion:154 Resp: 63296

Ion Ratio Lower Upper

154 100

153 42.9 20.9 60.9

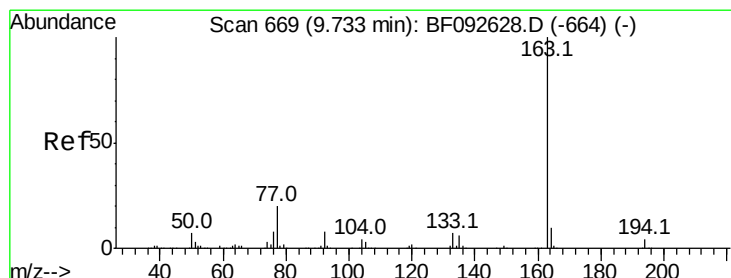
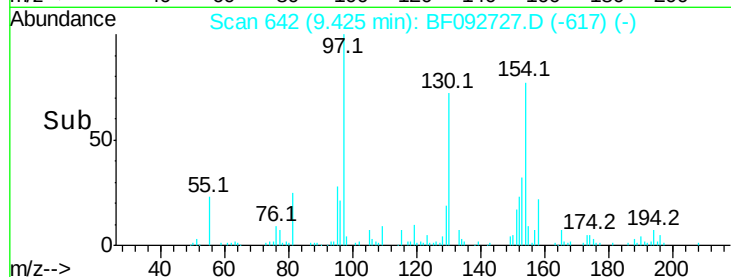
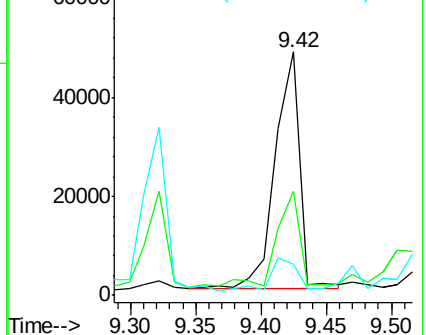
76 12.5 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#49

Dimethylphthalate

Concen: 12.53 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

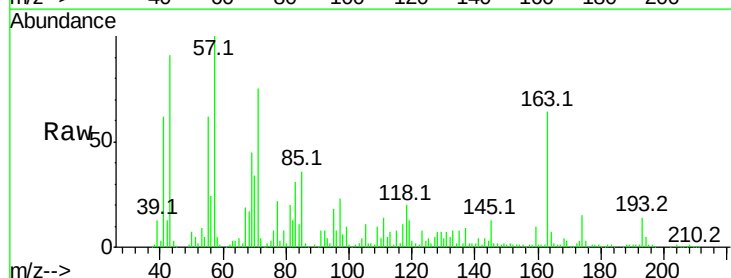
Tgt Ion:163 Resp: 196242

Ion Ratio Lower Upper

163 100

194 8.1 3.0 4.4#

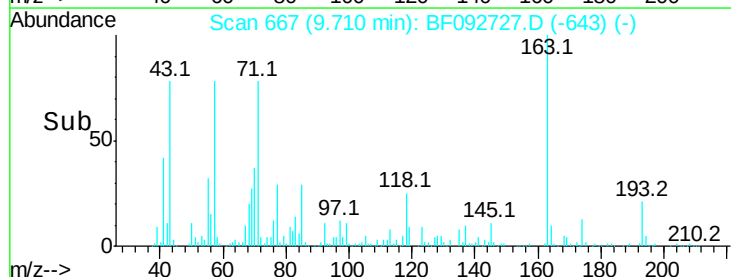
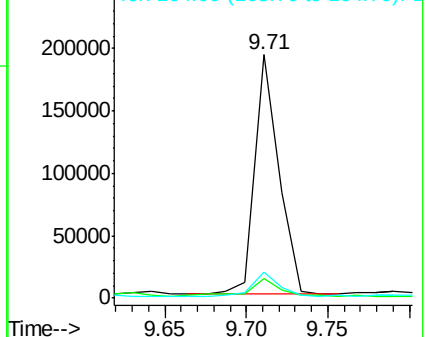
164 10.8 8.0 12.0

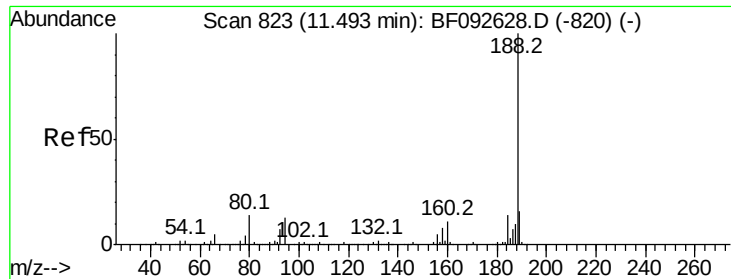


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

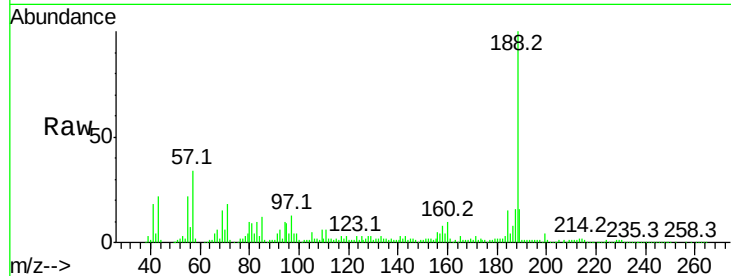




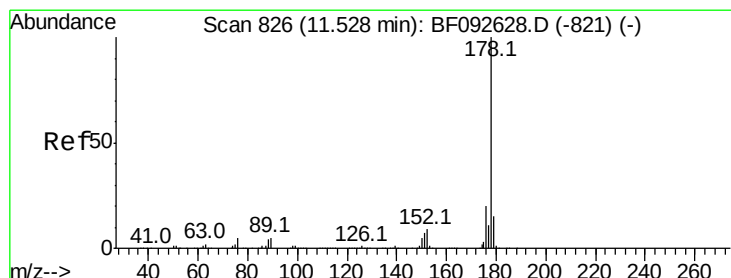
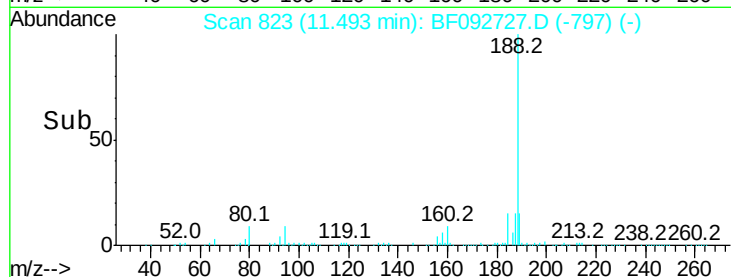
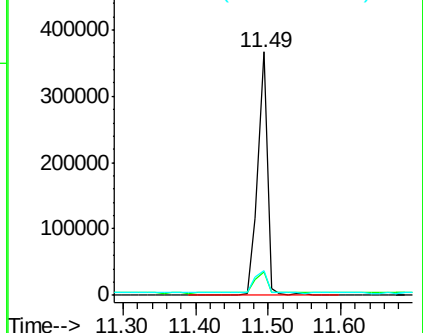
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092727.D
Acq: 2 Feb 2017 3:04

Instrument :
BNA_F
ClientSampleId :
SS-1

Tot Ion:188 Resp: 342122
Ion Ratio Lower Upper
188 100
94 9.8 10.0 15.0#
80 10.1 11.2 16.8#

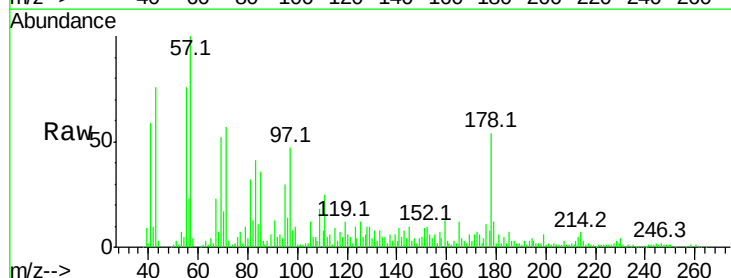


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

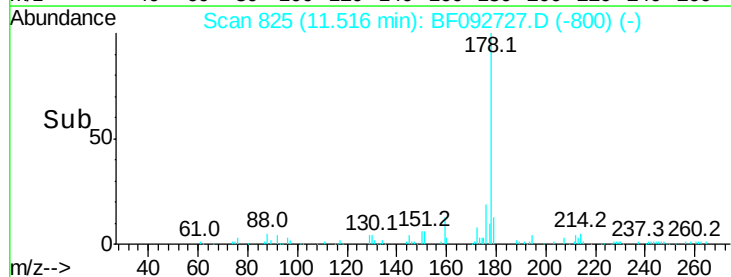
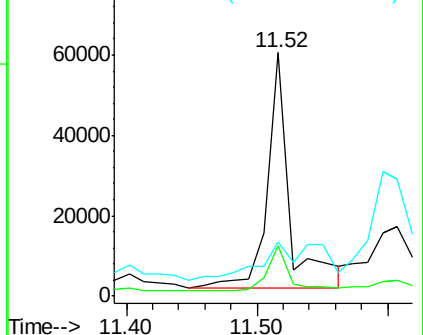


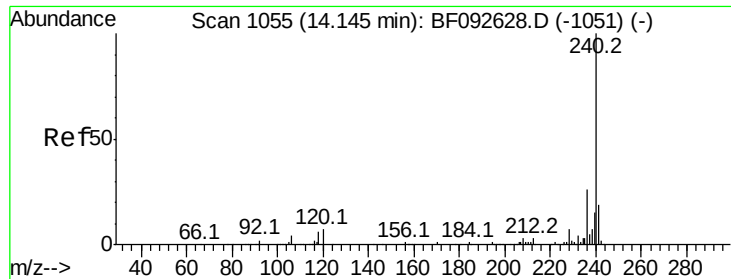
#70
Phenanthrene
Concen: 3.58 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092727.D
Acq: 2 Feb 2017 3:04

Tgt Ion:178 Resp: 70165
Ion Ratio Lower Upper
178 100
176 20.6 16.6 25.0
179 22.3 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

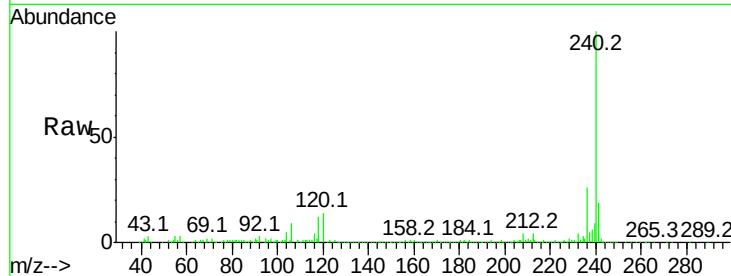
Tot Ion:240 Resp: 300572

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

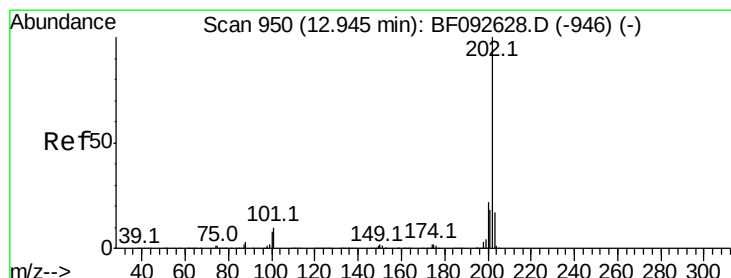
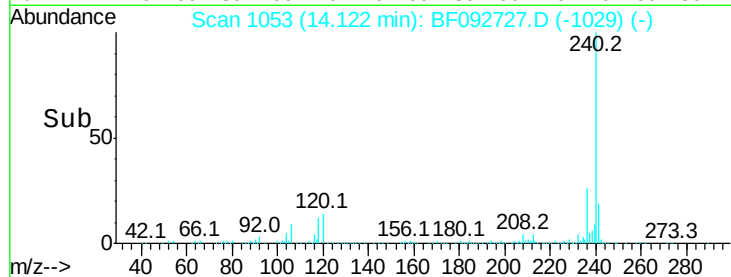
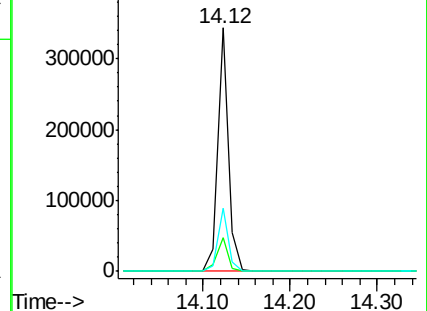
236 25.8 20.9 31.3



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



#77

Pyrene

Concen: 2.16 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

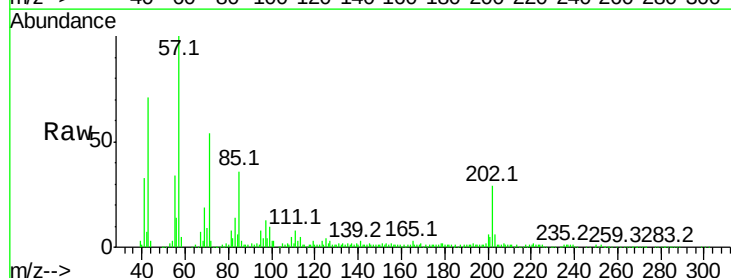
Tgt Ion:202 Resp: 48576

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

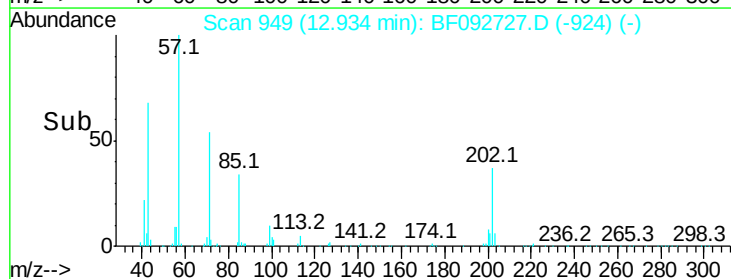
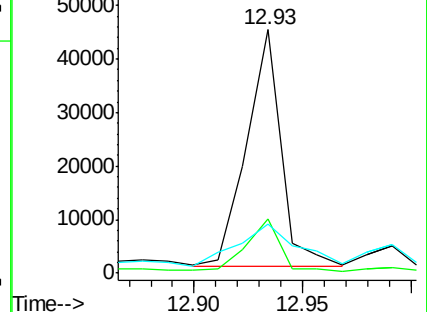
203 20.0 14.7 22.1

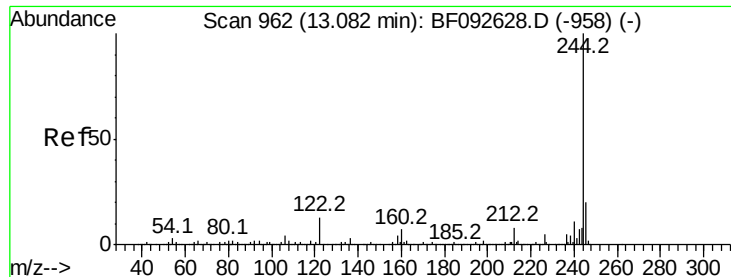


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 46.95 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

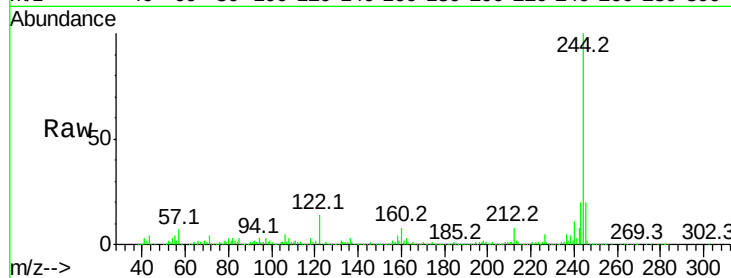
Tot Ion:244 Resp: 600534

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

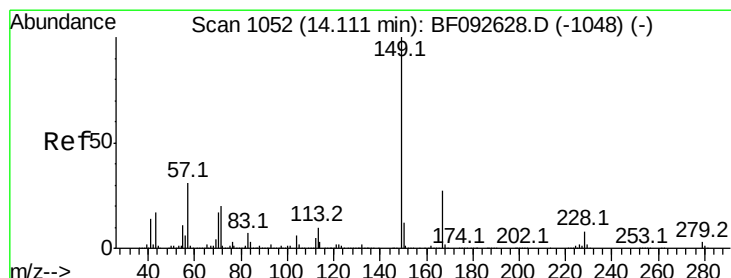
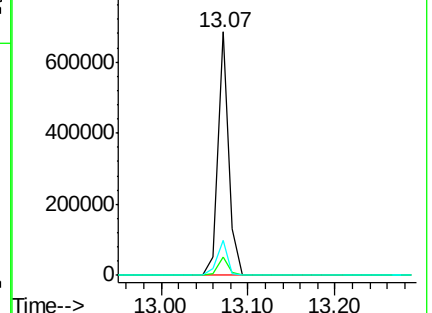
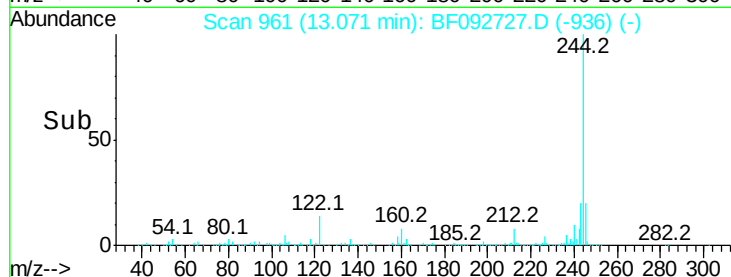
122 14.3 11.4 17.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.32 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

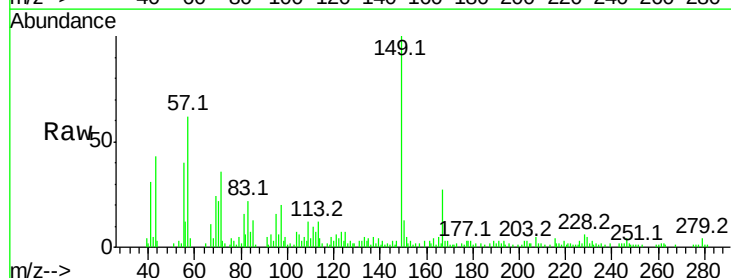
Tgt Ion:149 Resp: 29012

Ion Ratio Lower Upper

149 100

167 27.3 20.2 30.4

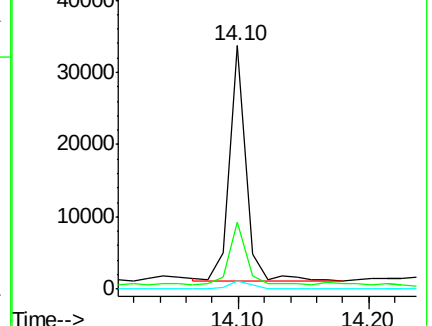
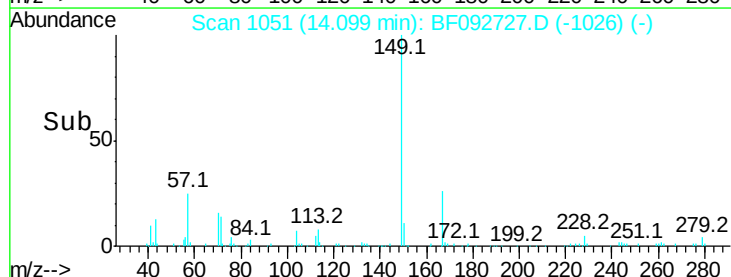
279 3.5 1.8 2.8#

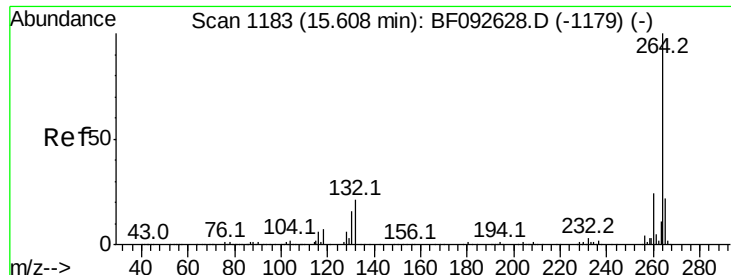


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092727.D
Acq: 2 Feb 2017 3:04

Instrument :
BNA_F
ClientSampleId :
SS-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.4	26.0

