

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092752.D
 Acq On : 2 Feb 2017 23:05
 Operator : SJ/MA
 Sample : I1650-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-COMP

Quant Time: Feb 03 00:56:04 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

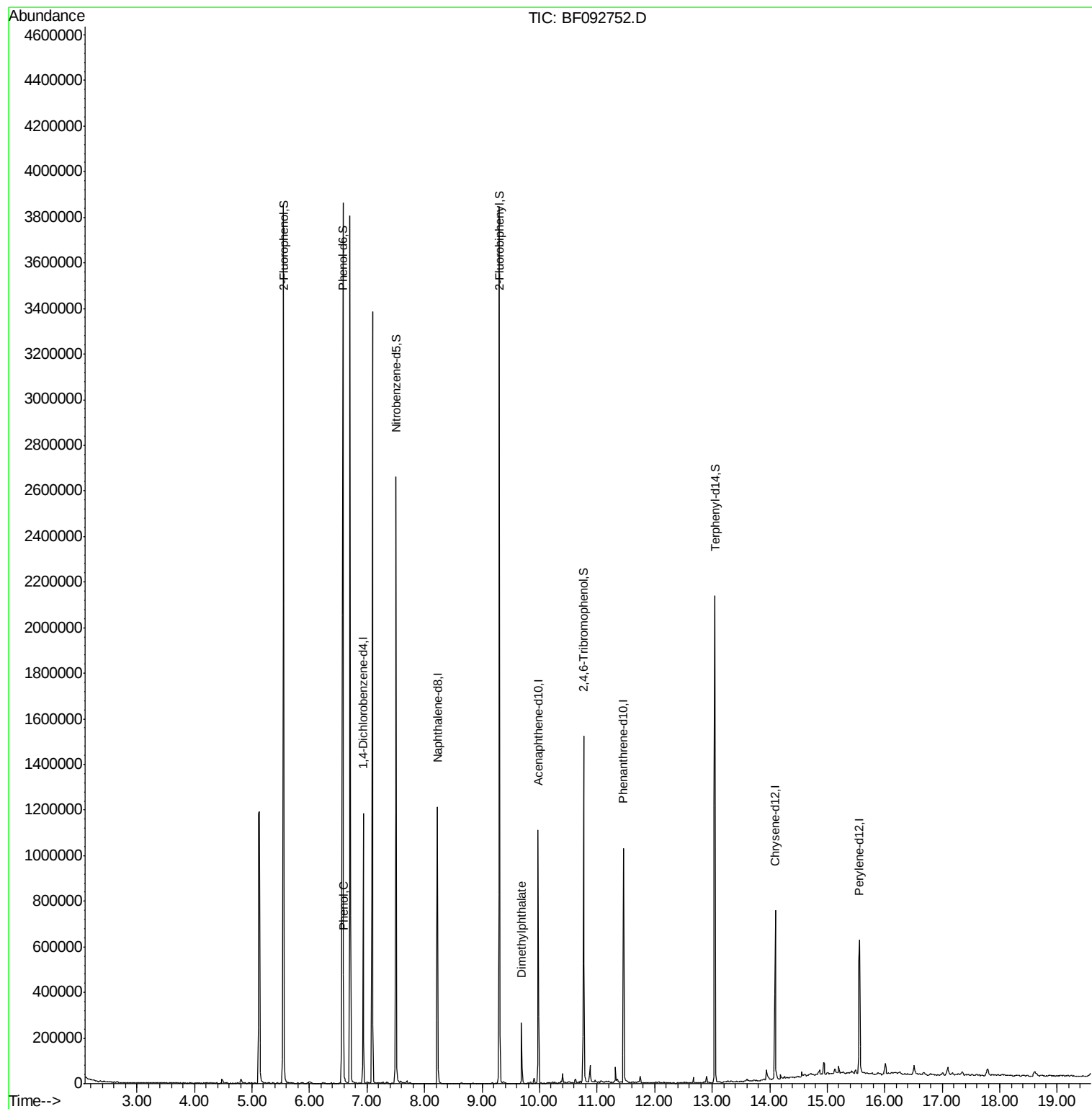
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	154709	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	545314	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	248454	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	362552	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	291336	20.00	ng	-0.05
86) Perylene-d12	15.56	264	301189	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1172719	130.05	ng	-0.02
7) Phenol-d6	6.58	99	1460507	125.88	ng	-0.02
23) Nitrobenzene-d5	7.50	82	940325	96.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.76	330	192664	107.22	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1158434	84.47	ng	-0.03
78) Terphenyl-d14	13.05	244	791548	63.84	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	112197	8.26	ng	Qvalue # 65
49) Dimethylphthalate	9.69	163	113247	6.77	ng	97

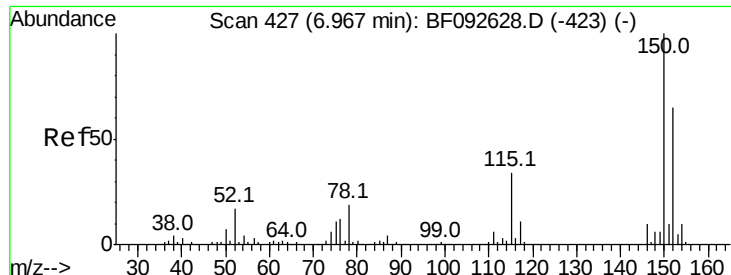
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092752.D

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Instrument :

BNA_F

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SB-44-COMP

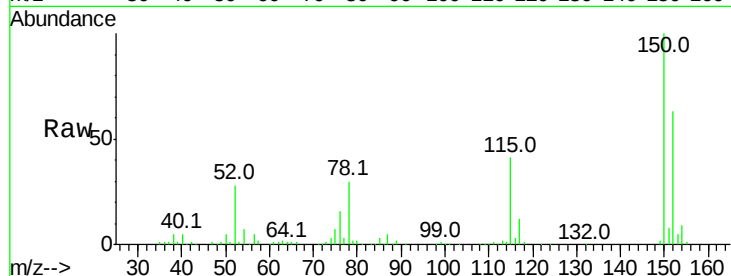
Tot Ion:152 Resp: 154709

Ion Ratio Lower Upper

152 100

150 159.8 124.9 187.3

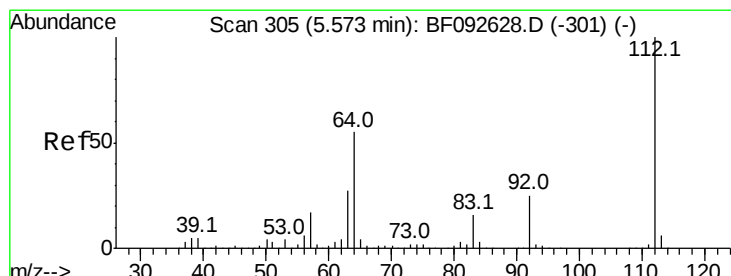
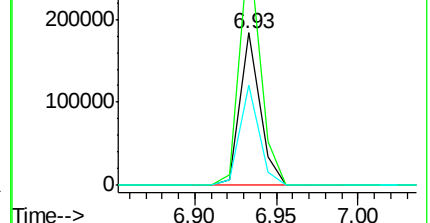
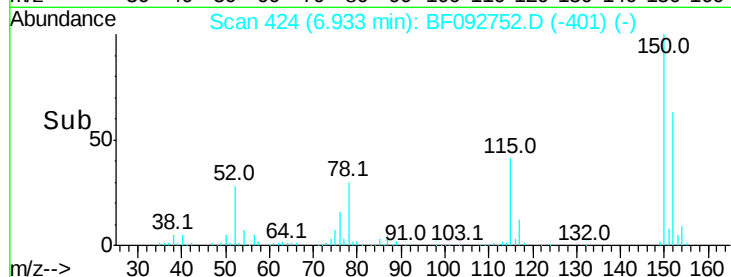
115 66.0 46.0 69.0



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: 130.05 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

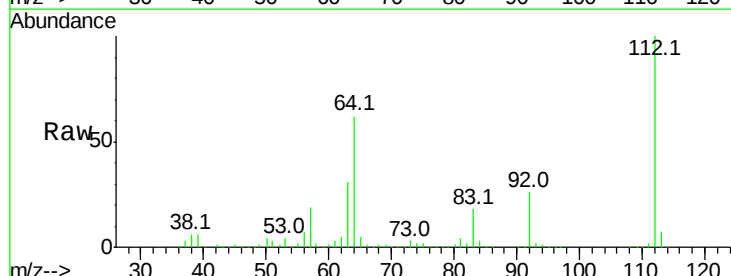
Tgt Ion:112 Resp: 1172719

Ion Ratio Lower Upper

112 100

64 61.8 46.1 69.1

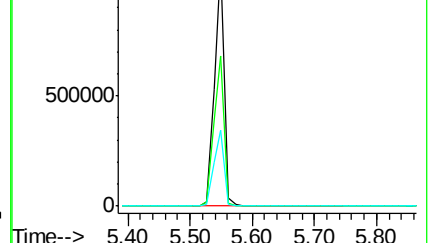
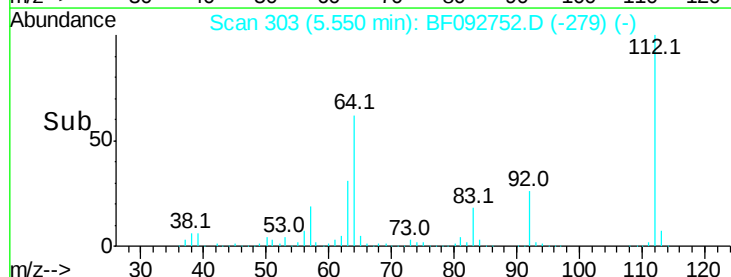
63 31.3 23.8 35.6

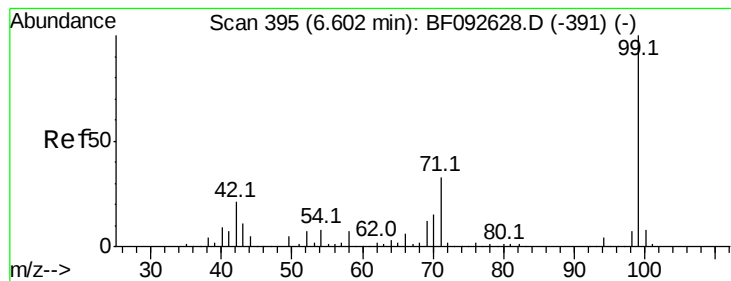


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.88 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP

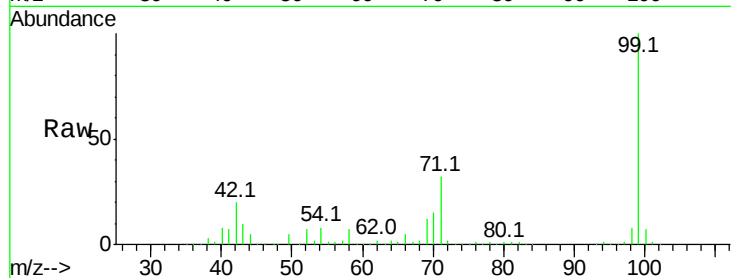
Tot Ion: 99 Resp: 1460507

Ion Ratio Lower Upper

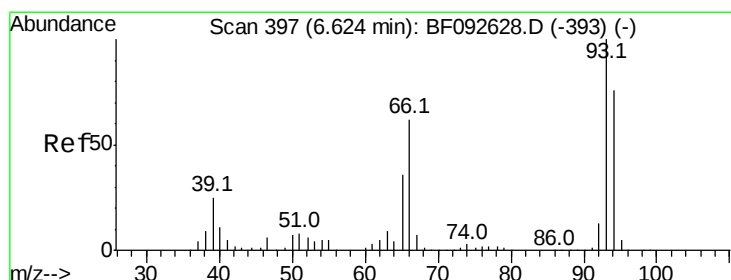
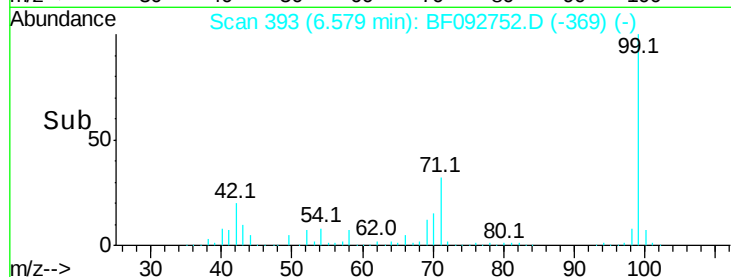
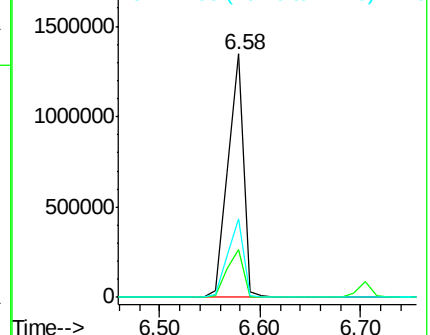
99 100

42 19.8 15.6 23.4

71 32.4 27.5 41.3



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: 8.26 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

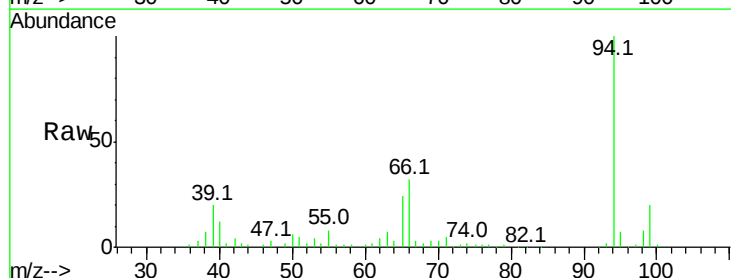
Tgt Ion: 94 Resp: 112197

Ion Ratio Lower Upper

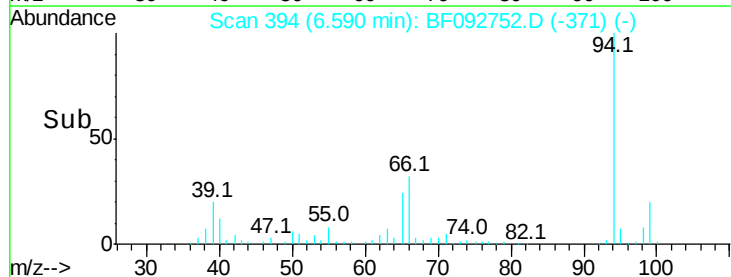
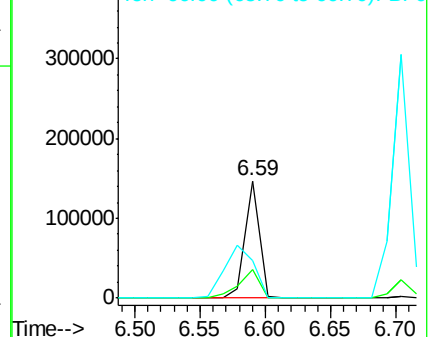
94 100

65 24.4 21.4 61.4

66 32.3 44.0 84.0#



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

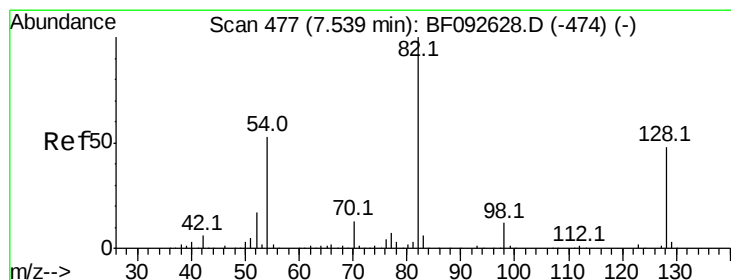
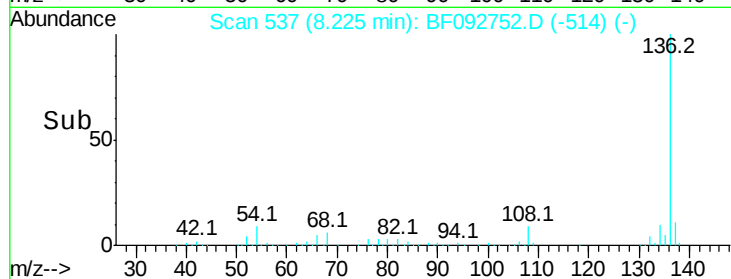
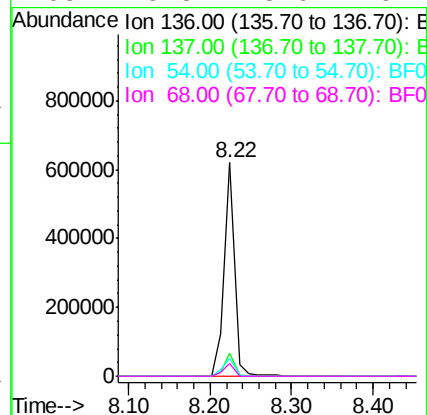
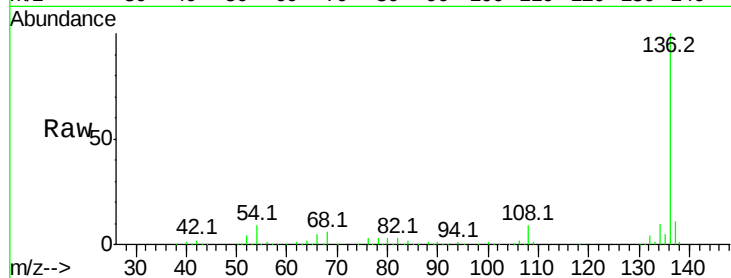




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092752.D
Acq: 2 Feb 2017 23:05

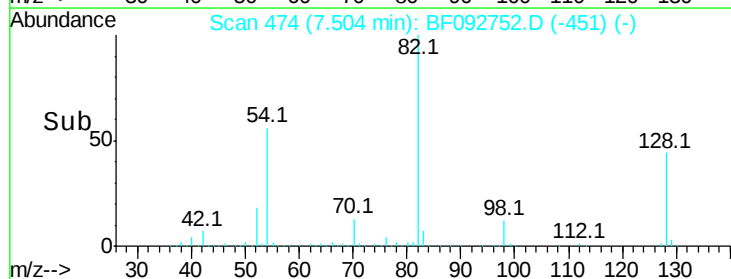
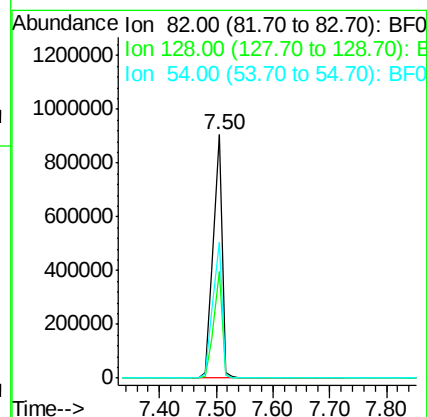
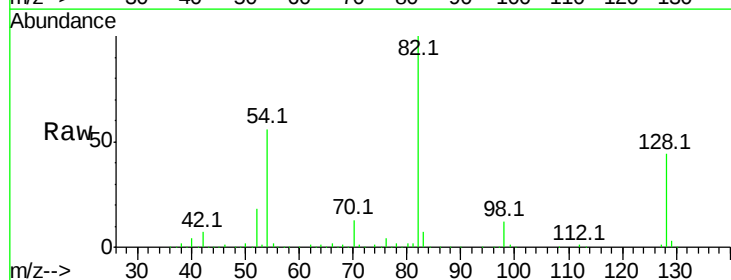
Instrument :
BNA_F
ClientSampleId :
SB-44-COMP

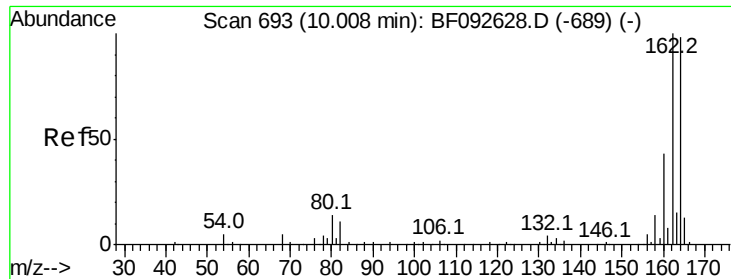
Tot Ion:	136	Resp:	545314
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	8.6	4.5	6.7#
68	5.8	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 96.03 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092752.D
Acq: 2 Feb 2017 23:05

Tgt Ion:	82	Resp:	940325
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	52.0
54	55.8	39.5	59.3

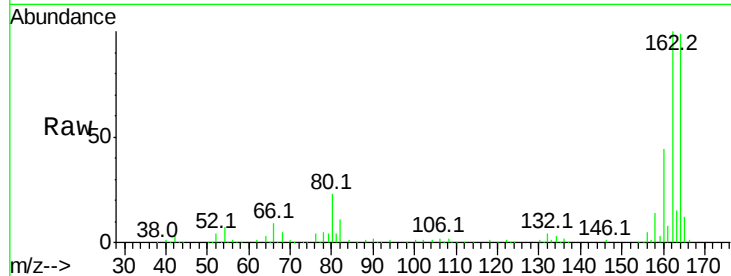




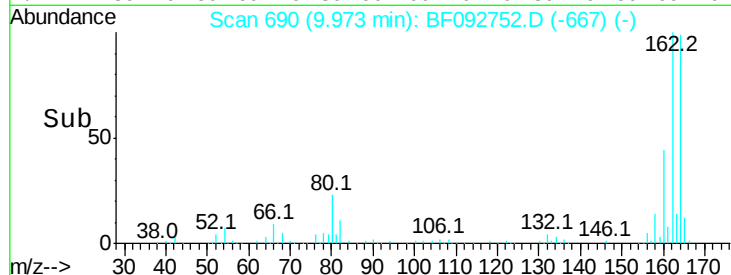
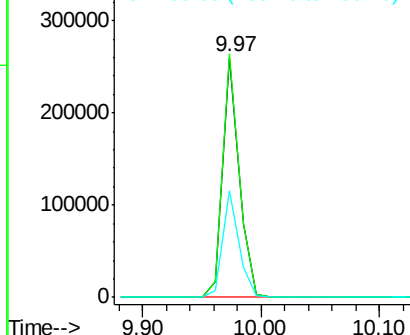
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF092752.D
 Acq: 2 Feb 2017 23:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-COMP

Tot Ion:164 Resp: 248454
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.2 120.2
 160 44.2 36.9 55.3

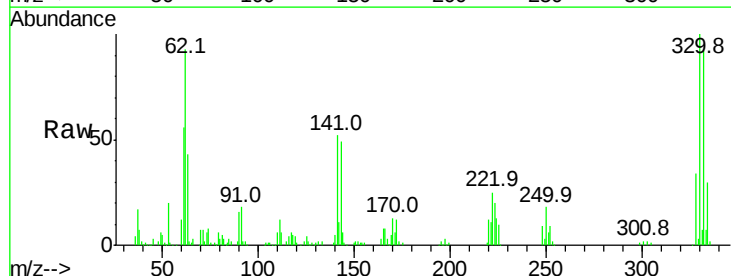


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

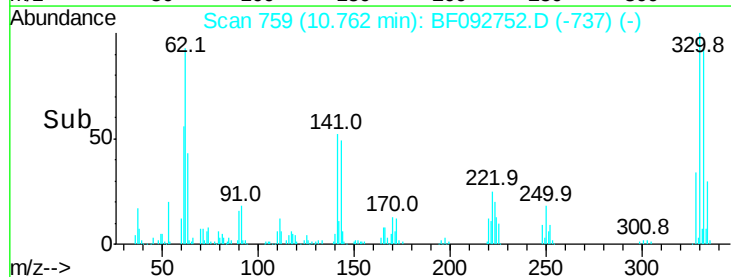
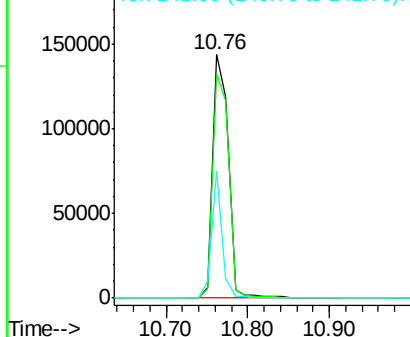


#41
 2,4,6-Tribromophenol
 Concen: 107.22 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.05 min
 Lab File: BF092752.D
 Acq: 2 Feb 2017 23:05

Tgt Ion:330 Resp: 192664
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.4 116.2
 141 35.6 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

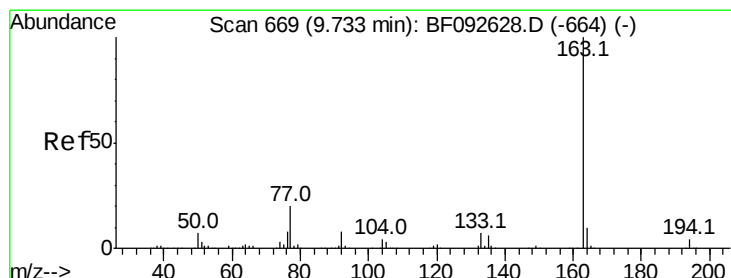
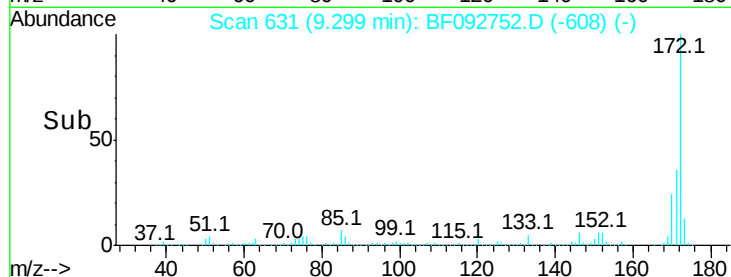
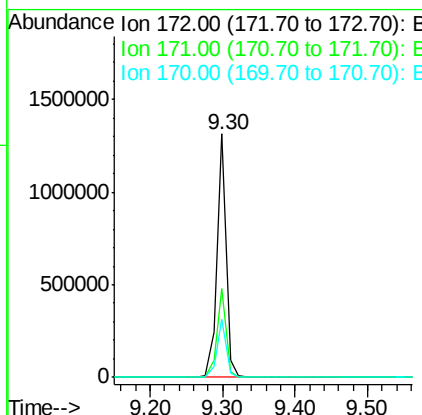
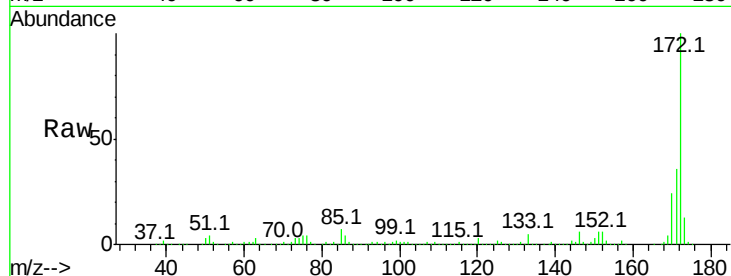




#44
2-Fluorobiphenyl
Concen: 84.47 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF092752.D
Acq: 2 Feb 2017 23:05

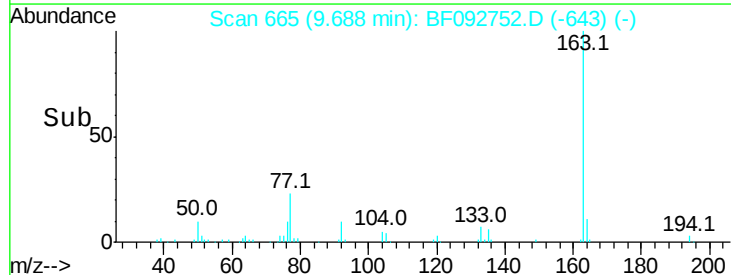
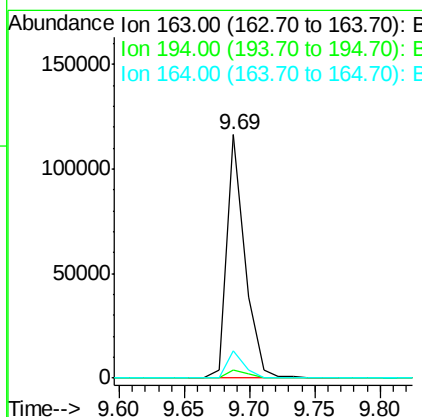
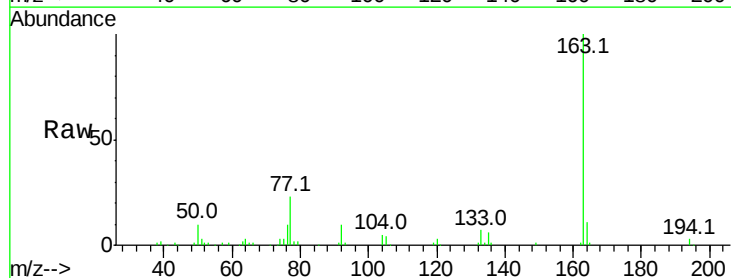
Instrument :
BNA_F
ClientSampleId :
SB-44-COMP

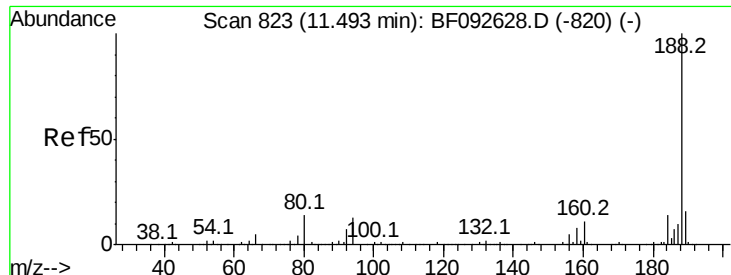
Tot Ion:172 Resp: 1158434
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 23.7 20.2 30.4



#49
Dimethylphthalate
Concen: 6.77 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092752.D
Acq: 2 Feb 2017 23:05

Tgt Ion:163 Resp: 113247
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 11.2 8.0 12.0

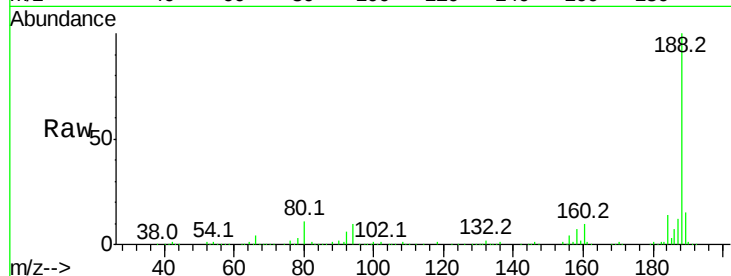




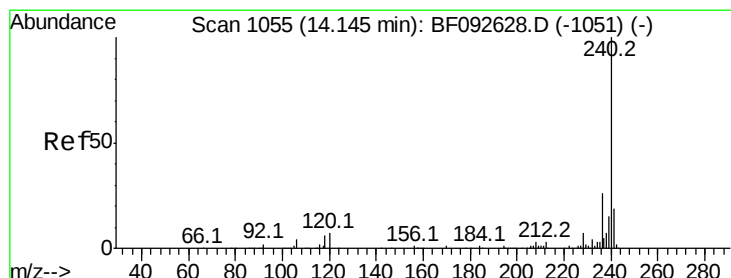
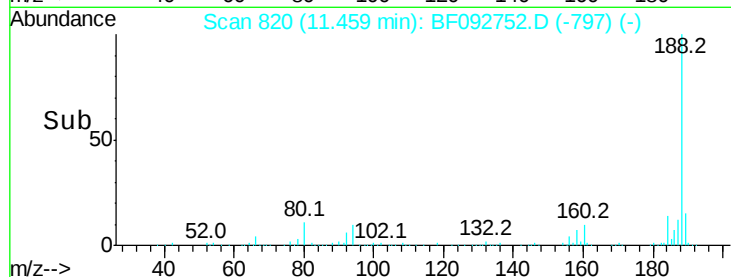
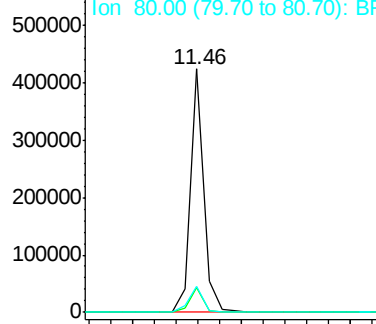
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092752.D
Acq: 2 Feb 2017 23:05

Instrument :
BNA_F
ClientSampleId :
SB-44-COMP

Tot Ion:188 Resp: 362552
Ion Ratio Lower Upper
188 100
94 10.4 10.0 15.0
80 10.5 11.2 16.8#

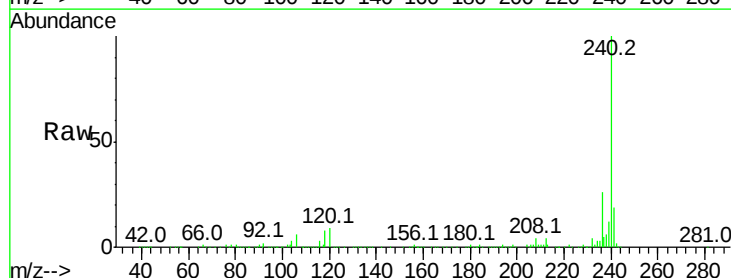


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

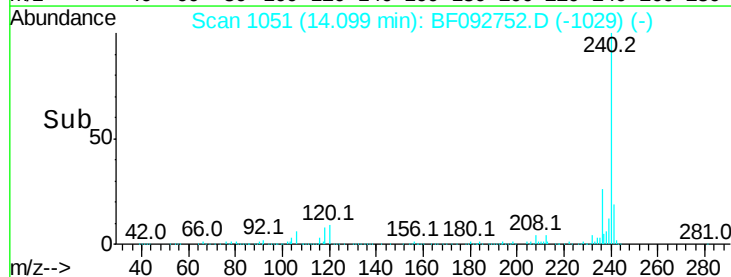
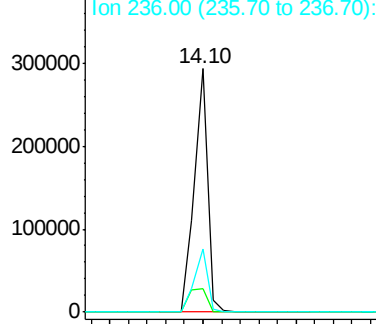


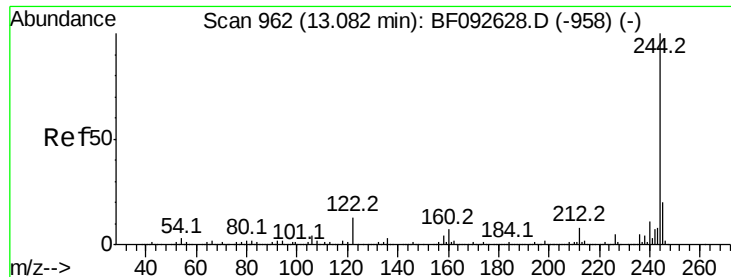
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092752.D
Acq: 2 Feb 2017 23:05

Tgt Ion:240 Resp: 291336
Ion Ratio Lower Upper
240 100
120 9.4 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





#78

Terphenyl-d14

Concen: 63.84 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP

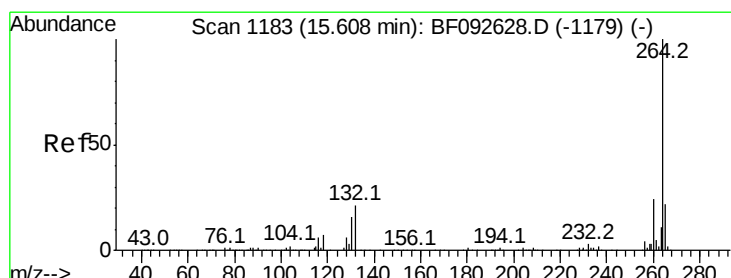
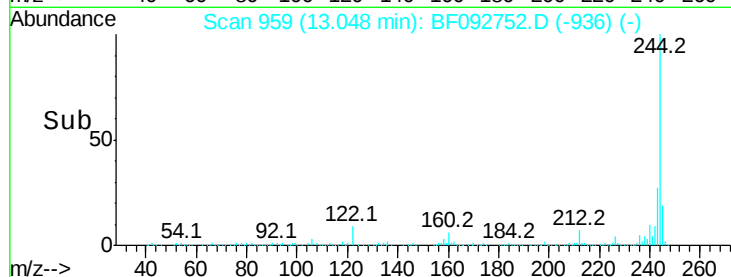
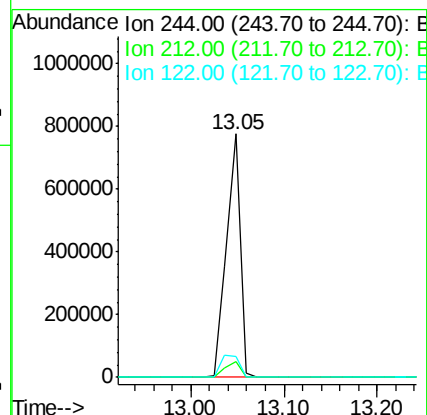
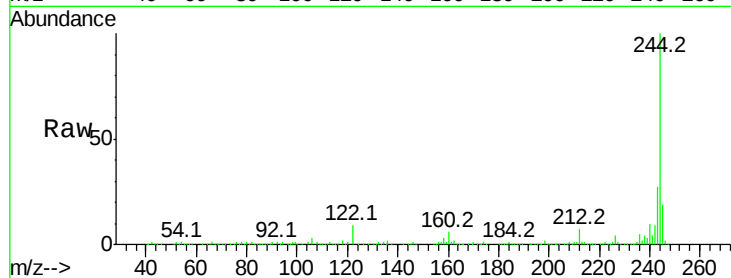
Tot Ion:244 Resp: 791548

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

122 8.6 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

Tgt Ion:264 Resp: 301189

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 17.4 26.0

