

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093378.D
 Acq On : 4 Mar 2017 00:13
 Operator : SJ/MA
 Sample : I2078-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Quant Time: Mar 04 02:44:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 04 01:38:15 2017
 Response via : Initial Calibration

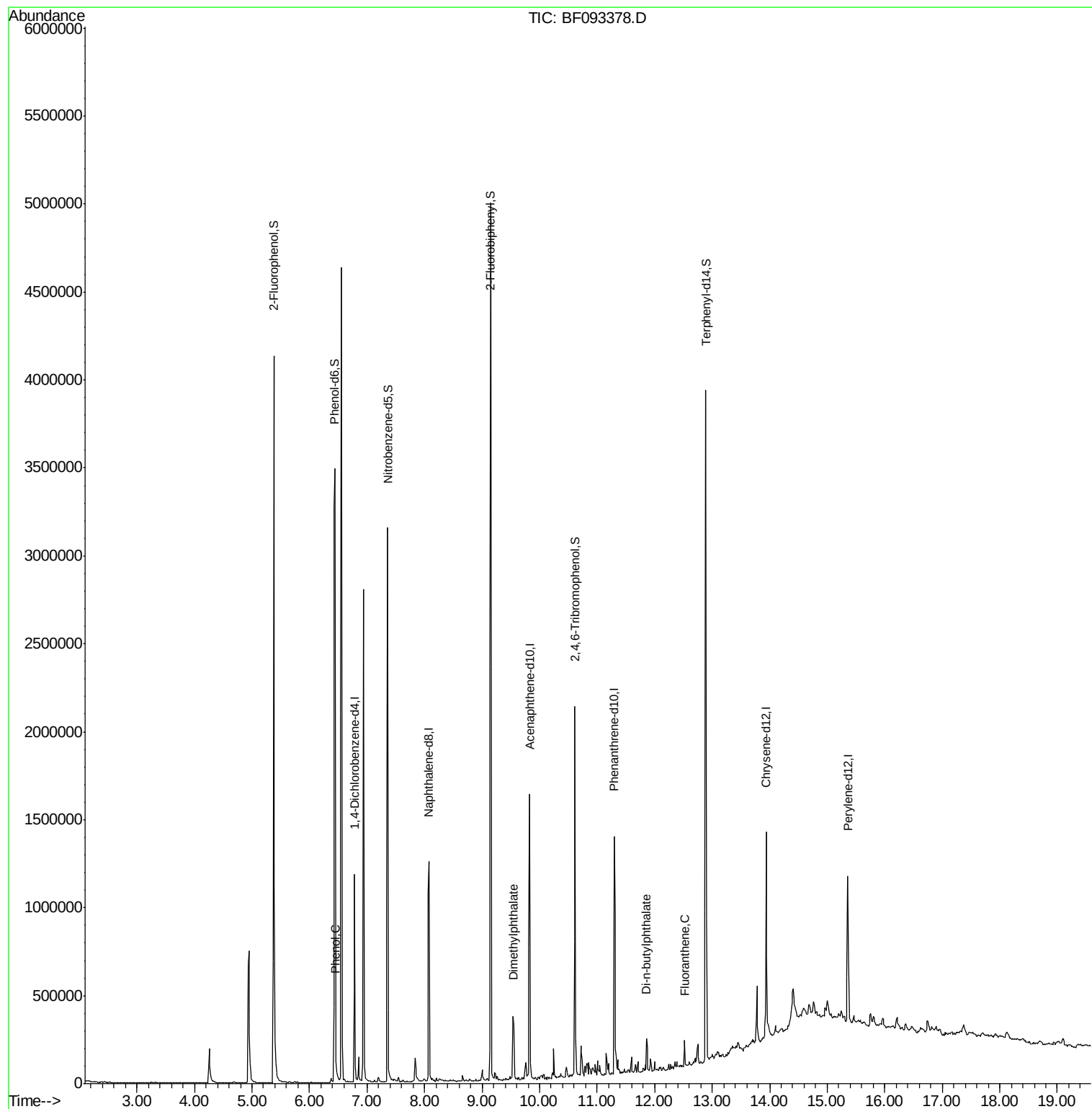
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	207225	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	830716	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	366159	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	620505	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	439070	20.00	ng	-0.01
86) Perylene-d12	15.36	264	357258	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1225752	101.48	ng	0.00
7) Phenol-d6	6.44	99	1846014	118.78	ng	0.00
23) Nitrobenzene-d5	7.36	82	1089966	73.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	248609	93.88	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1775905	87.87	ng	0.00
78) Terphenyl-d14	12.89	244	1226146	65.62	ng	0.00
Target Compounds						
10) Phenol	6.45	94	89610	4.93	ng	Qvalue # 68
49) Dimethylphthalate	9.55	163	218679	8.87	ng	99
73) Di-n-butylphthalate	11.86	149	132083	3.58	ng	98
74) Fluoranthene	12.52	202	73976	2.02	ng	93

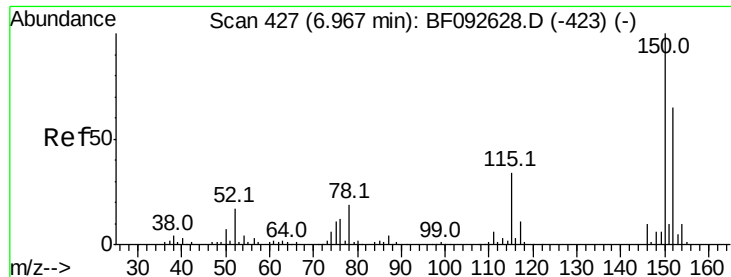
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

Instrument :

BNA_F

ClientSampleId :

C-1

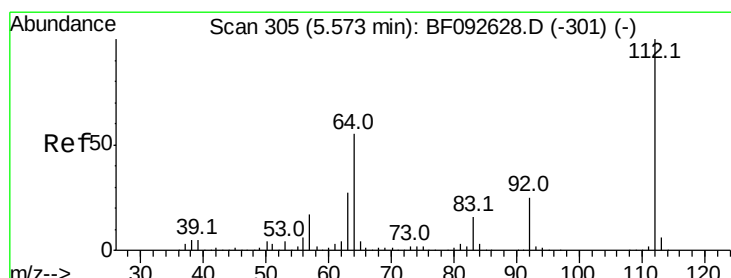
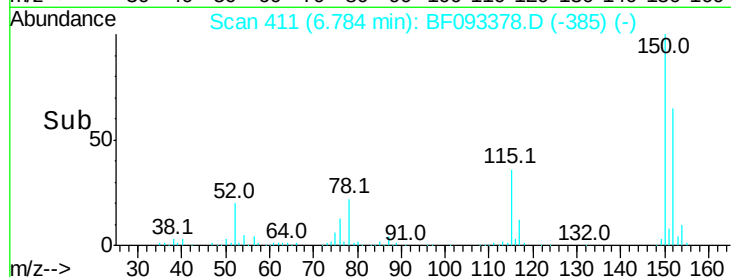
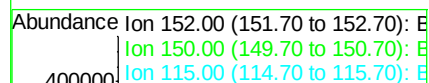
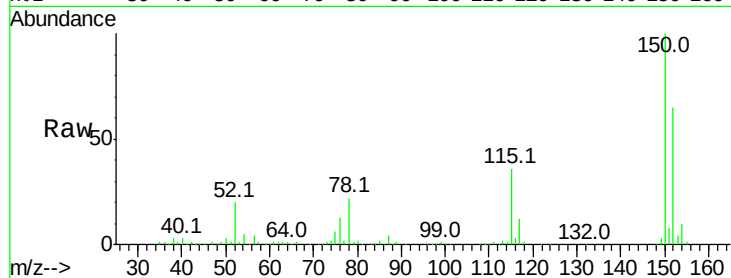
Tot Ion:152 Resp: 207225

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

115 56.2 46.0 69.0



#5

2-Fluorophenol

Concen: 101.48 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

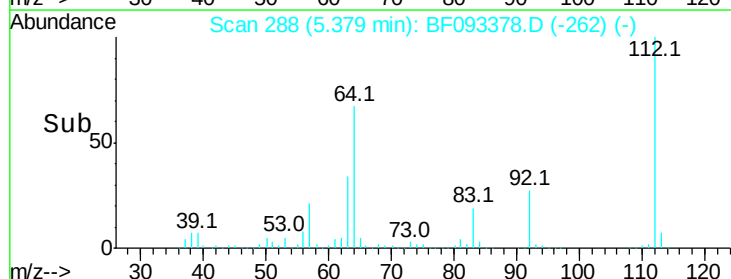
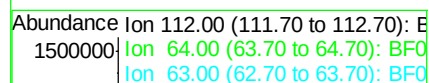
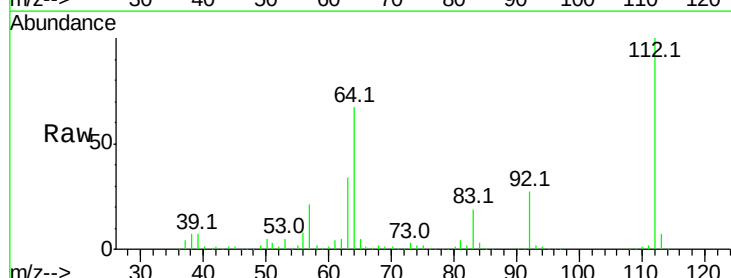
Tgt Ion:112 Resp: 1225752

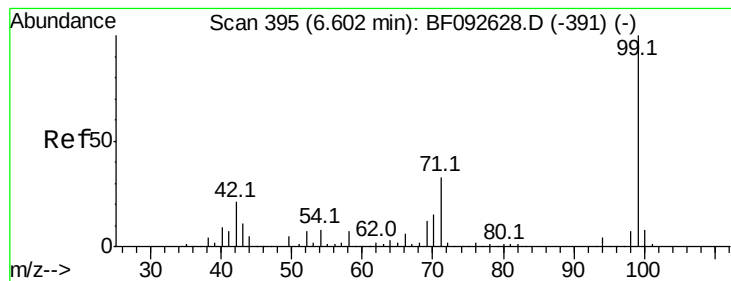
Ion Ratio Lower Upper

112 100

64 66.9 46.1 69.1

63 33.7 23.8 35.6





#7

Phenol-d6

Concen: 118.78 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

Instrument :

BNA_F

ClientSampleId :

C-1

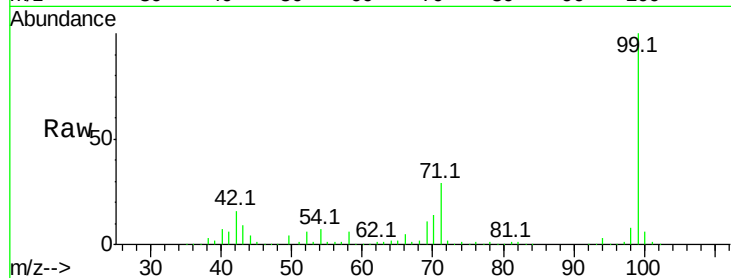
Tot Ion: 99 Resp: 1846014

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

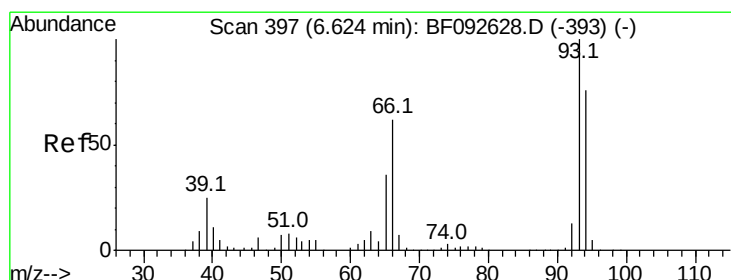
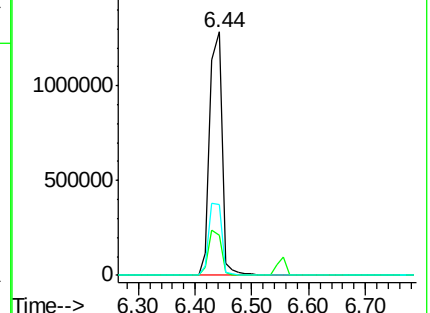
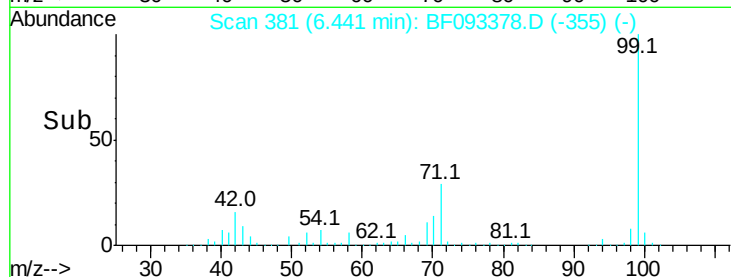
71 29.2 27.5 41.3



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: 4.93 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

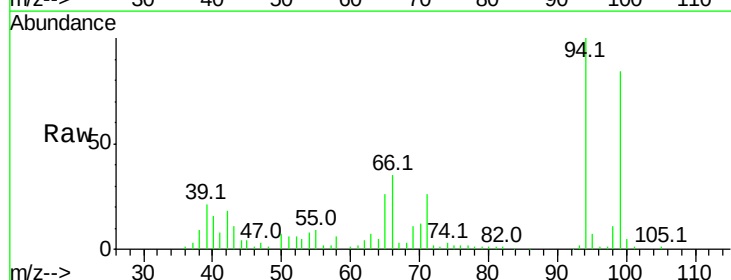
Tgt Ion: 94 Resp: 89610

Ion Ratio Lower Upper

94 100

65 26.4 21.4 61.4

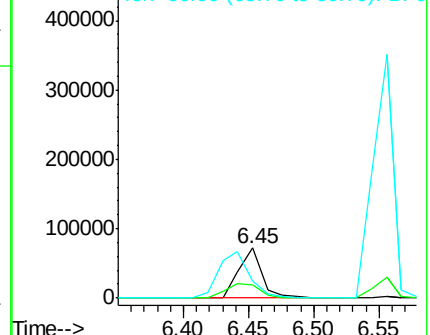
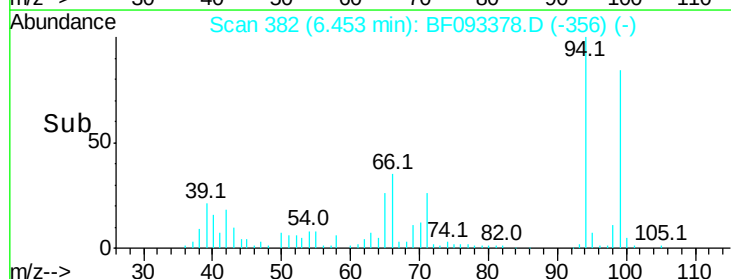
66 35.0 44.0 84.0#

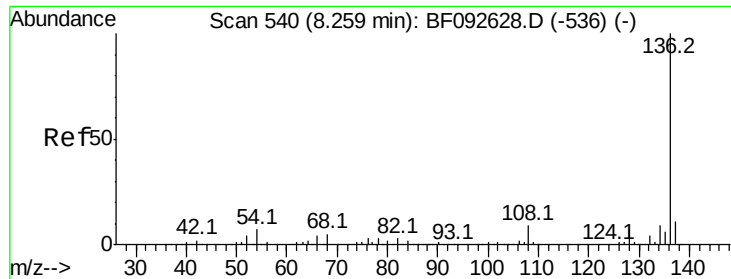


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

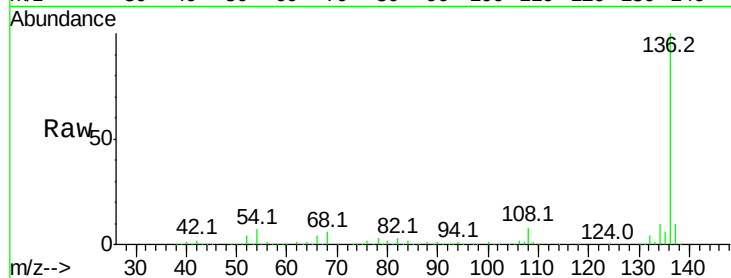




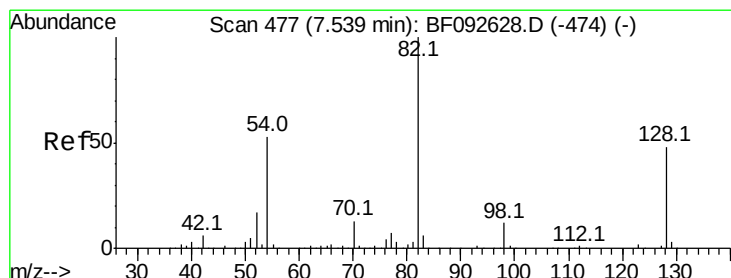
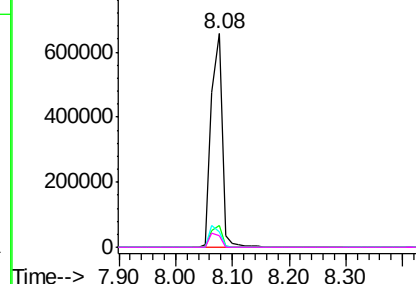
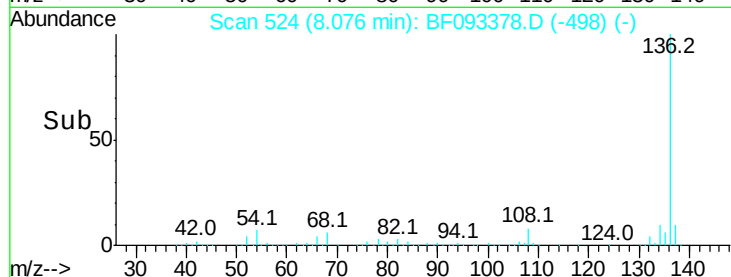
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF093378.D
Acq: 4 Mar 2017 00:13

Instrument :
BNA_F
ClientSampleId :
C-1

Tot Ion:	136	Resp:	830716
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	7.2	4.5	6.7#
68	5.5	3.6	5.4#

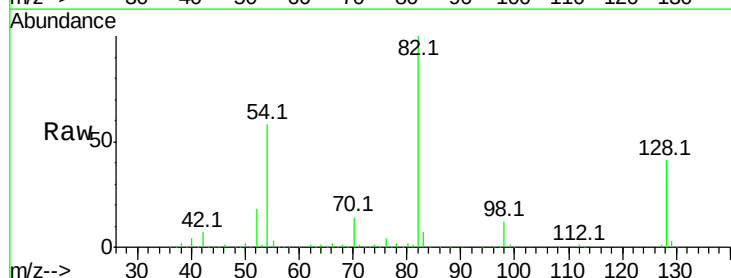


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

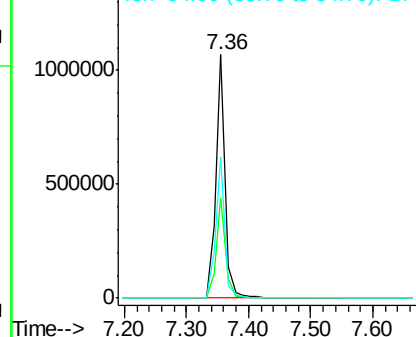
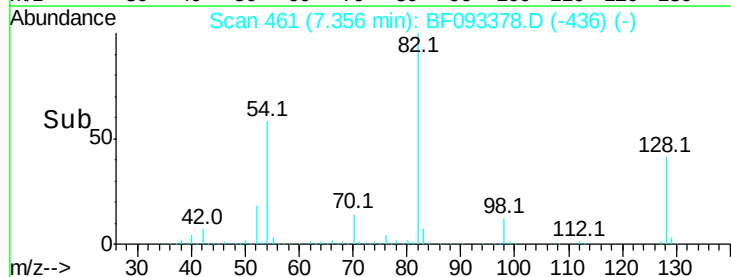


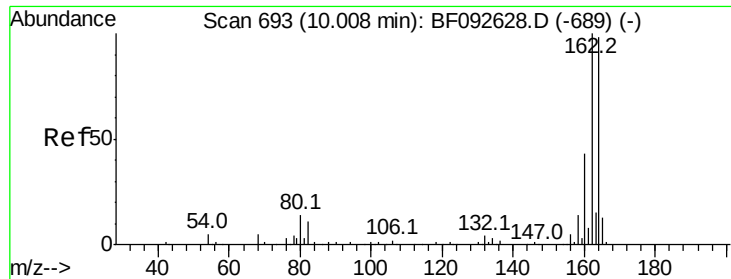
#23
Nitrobenzene-d5
Concen: 73.07 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093378.D
Acq: 4 Mar 2017 00:13

Tgt Ion:	82	Resp:	1089966
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	58.1	39.5	59.3



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

Instrument :

BNA_F

ClientSampleId :

C-1

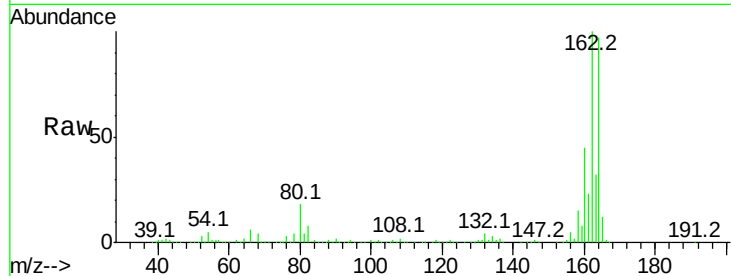
Tot Ion:164 Resp: 366159

Ion Ratio Lower Upper

164 100

162 103.3 80.2 120.2

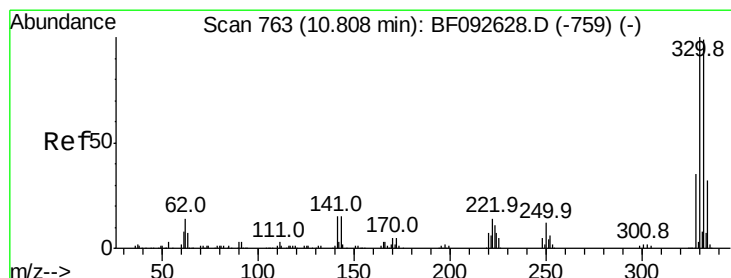
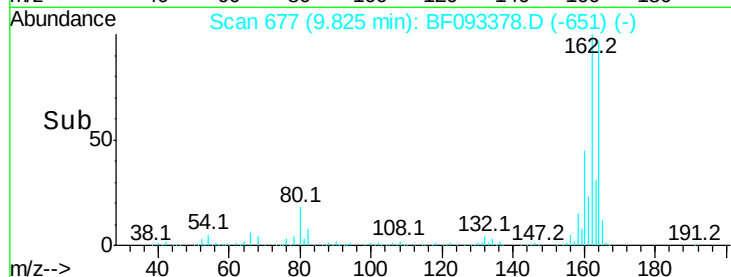
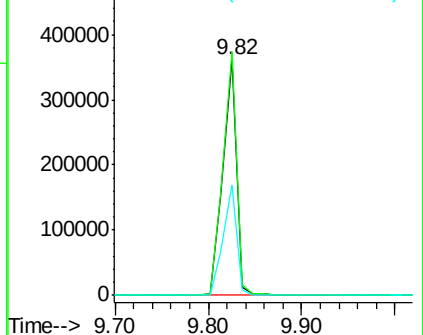
160 46.6 36.9 55.3



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: 93.88 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

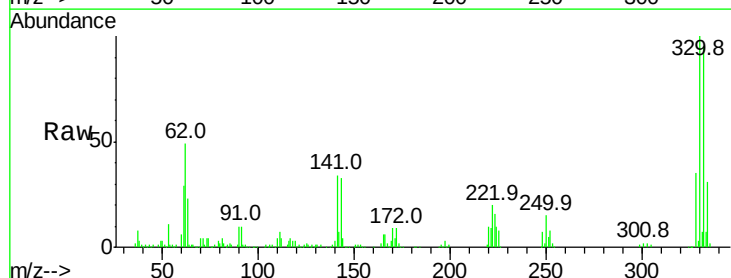
Tgt Ion:330 Resp: 248609

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

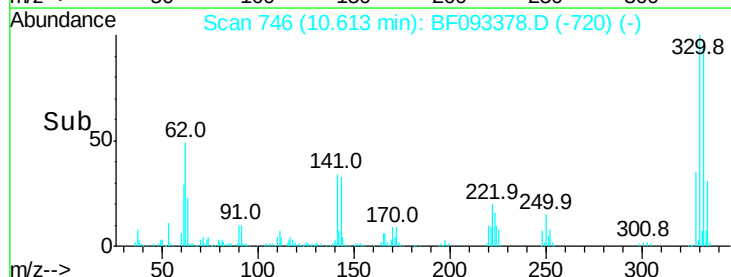
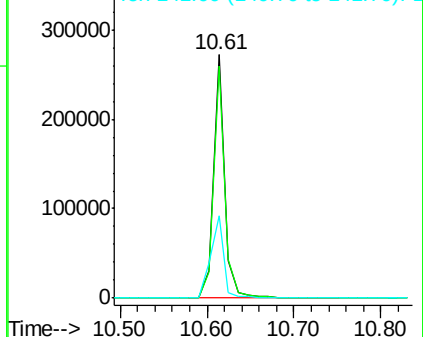
141 40.2 34.1 51.1

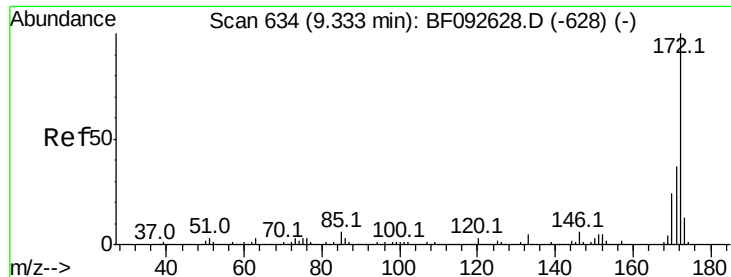


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



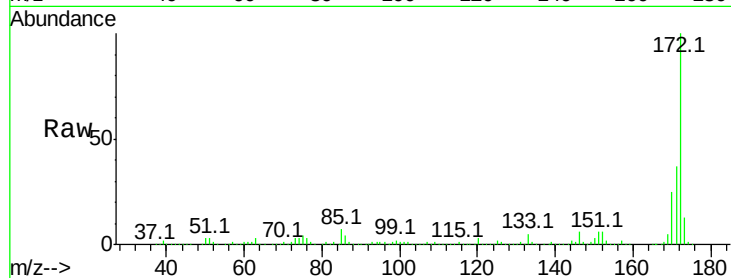


#44
 2-Fluorobiphenyl
 Concen: 87.87 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093378.D
 Acq: 4 Mar 2017 00:13

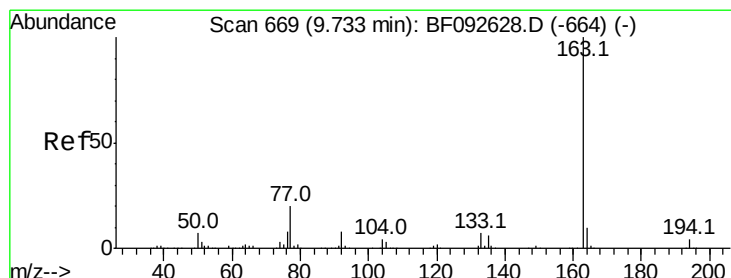
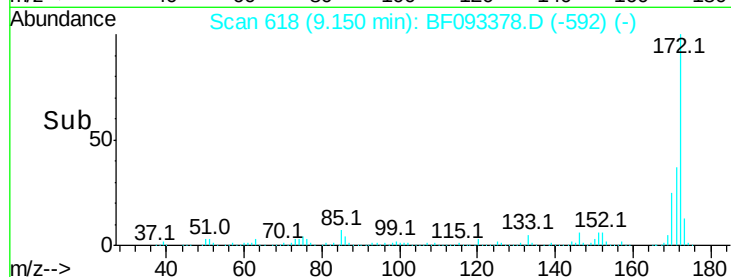
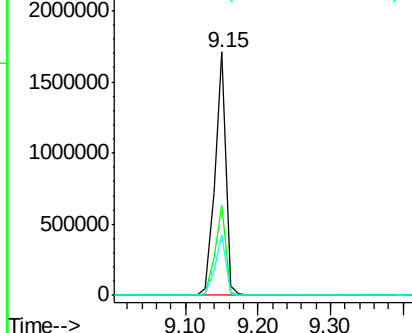
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:172 Resp: 1775905

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.9	20.2	30.4



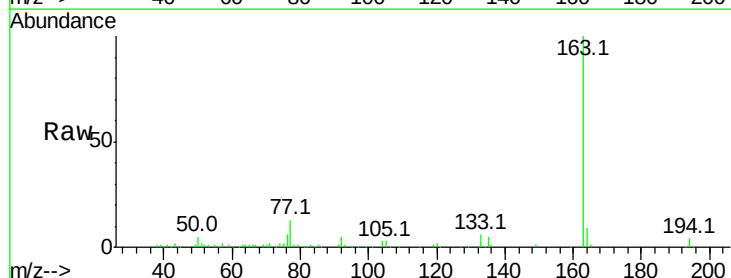
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



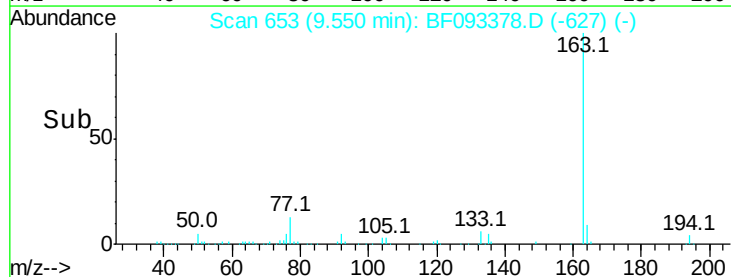
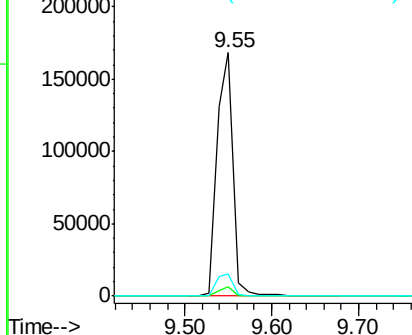
#49
 Dimethylphthalate
 Concen: 8.87 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF093378.D
 Acq: 4 Mar 2017 00:13

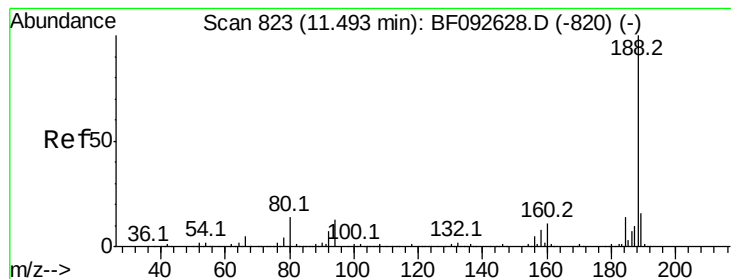
Tgt Ion:163 Resp: 218679

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.3	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: 11.30 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

Instrument :

BNA_F

ClientSampleId :

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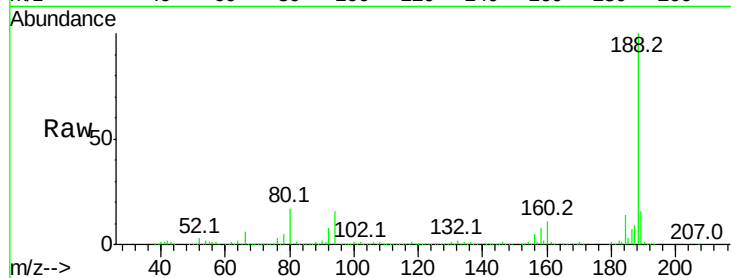
Tot Ion:188 Resp: 620505

Ion Ratio Lower Upper

188 100

94 15.7 10.0 15.0#

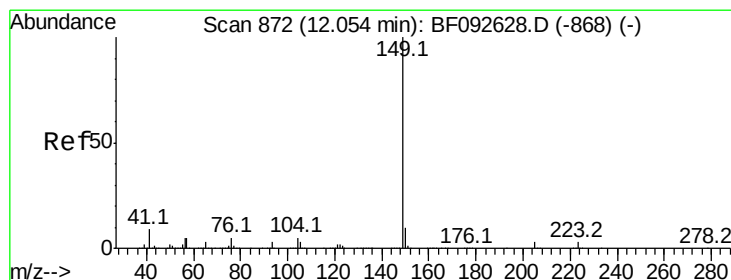
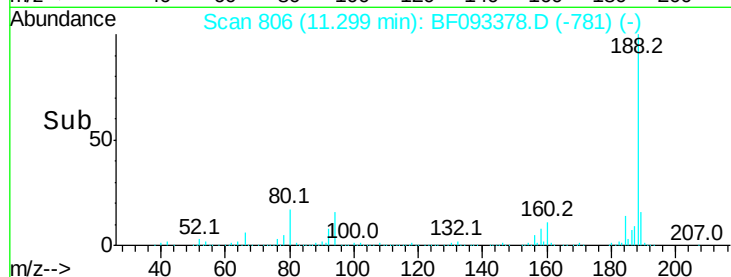
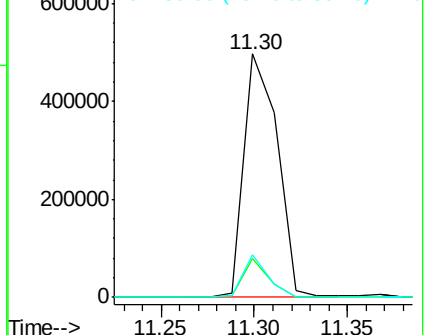
80 17.3 11.2 16.8#



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



#73

Di-n-butylphthalate

Concen: 3.58 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

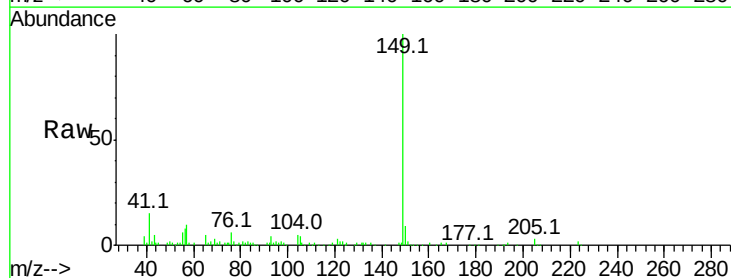
Tgt Ion:149 Resp: 132083

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

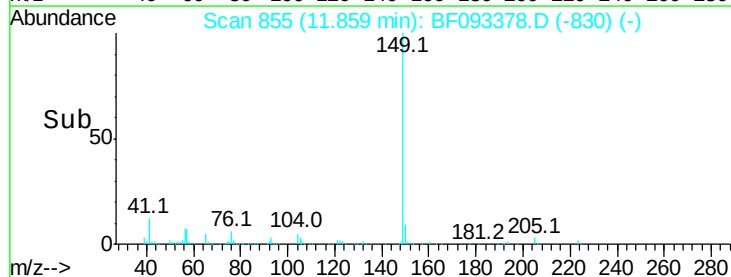
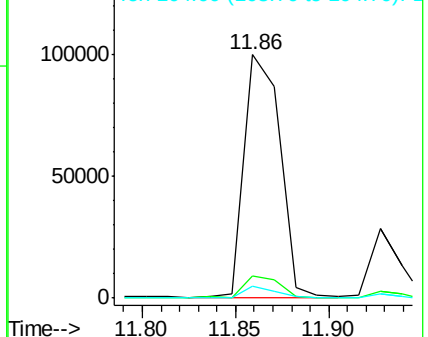
104 5.0 4.6 7.0

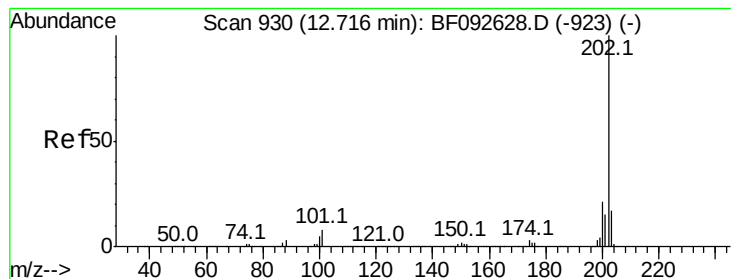


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 2.02 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

Instrument :

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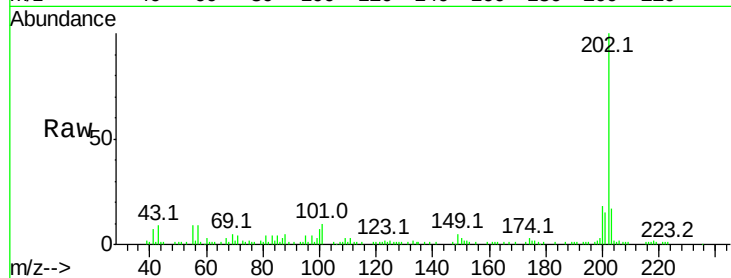
Tot Ion:202 Resp: 73976

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.6

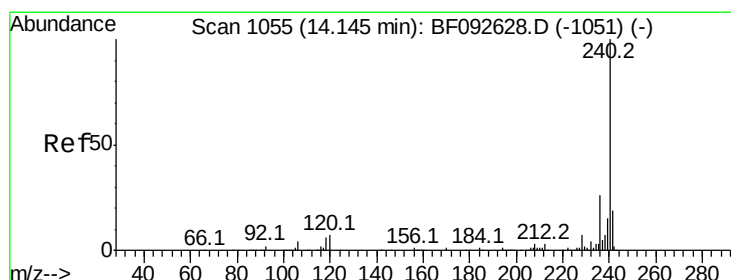
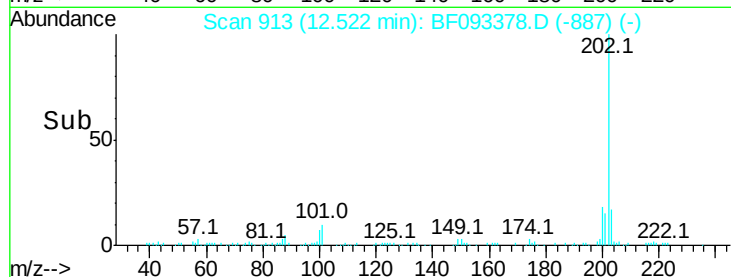
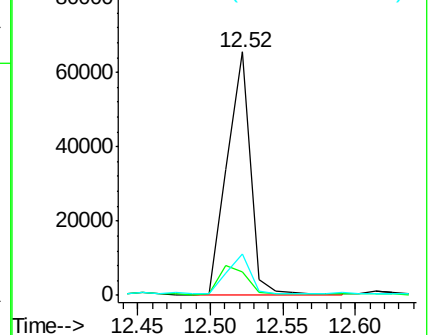
203 16.8 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF093378.D

Acq: 4 Mar 2017 00:13

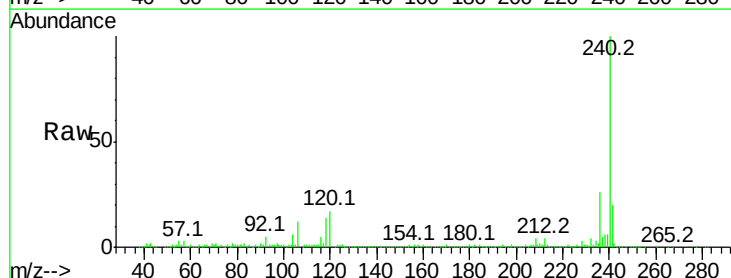
Tgt Ion:240 Resp: 439070

Ion Ratio Lower Upper

240 100

120 16.9 12.9 19.3

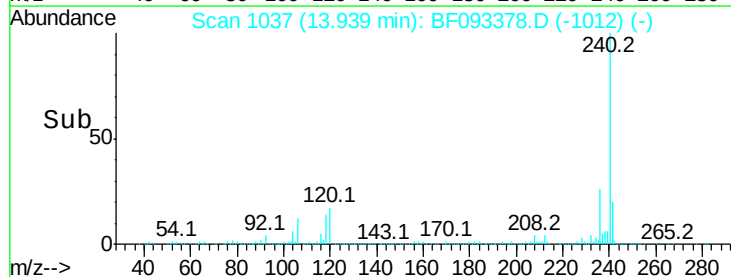
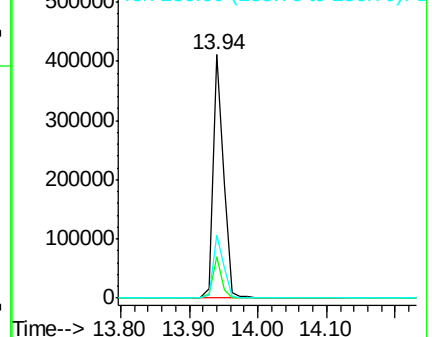
236 26.0 20.9 31.3

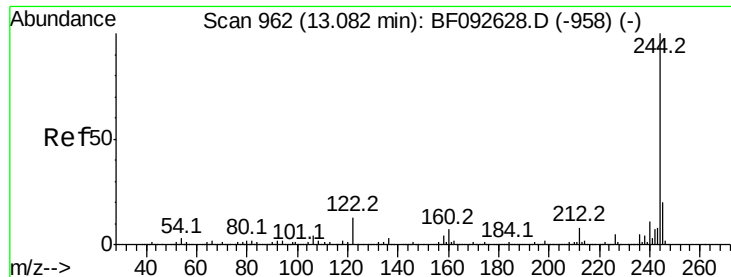


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



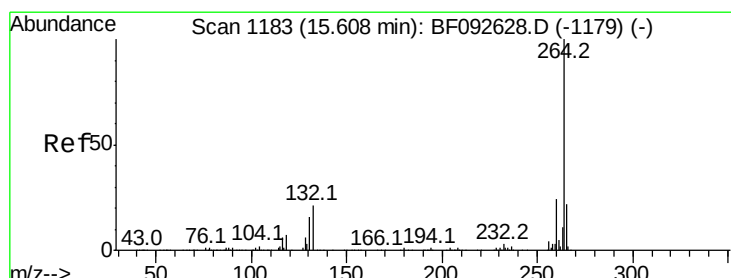
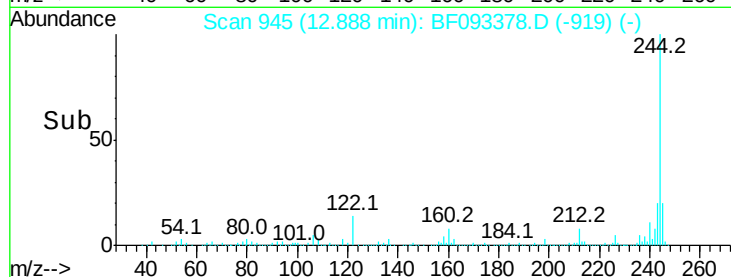
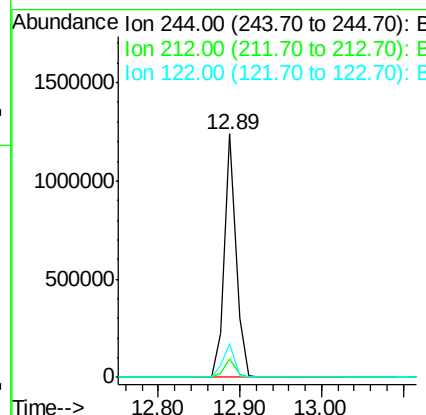
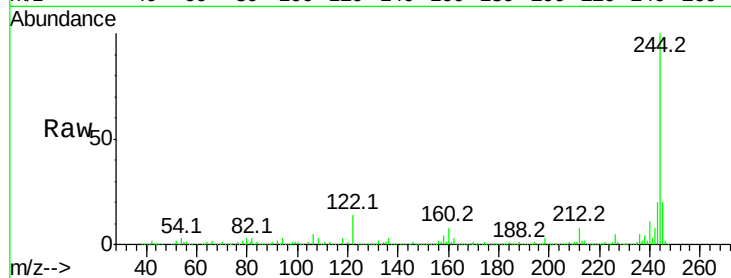


#78
 Terphenyl-d14
 Concen: 65.62 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF093378.D
 Acq: 4 Mar 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Tot Ion:244 Resp: 1226146

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.9	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF093378.D
 Acq: 4 Mar 2017 00:13

Tgt Ion:264 Resp: 357258

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.4	26.0

