

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
 Data File : BF110791.D
 Acq On : 15 Nov 2018 16:33
 Operator : JU/SJ
 Sample : J5950-10 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSI-FD-11132018

Quant Time: Nov 16 06:45:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

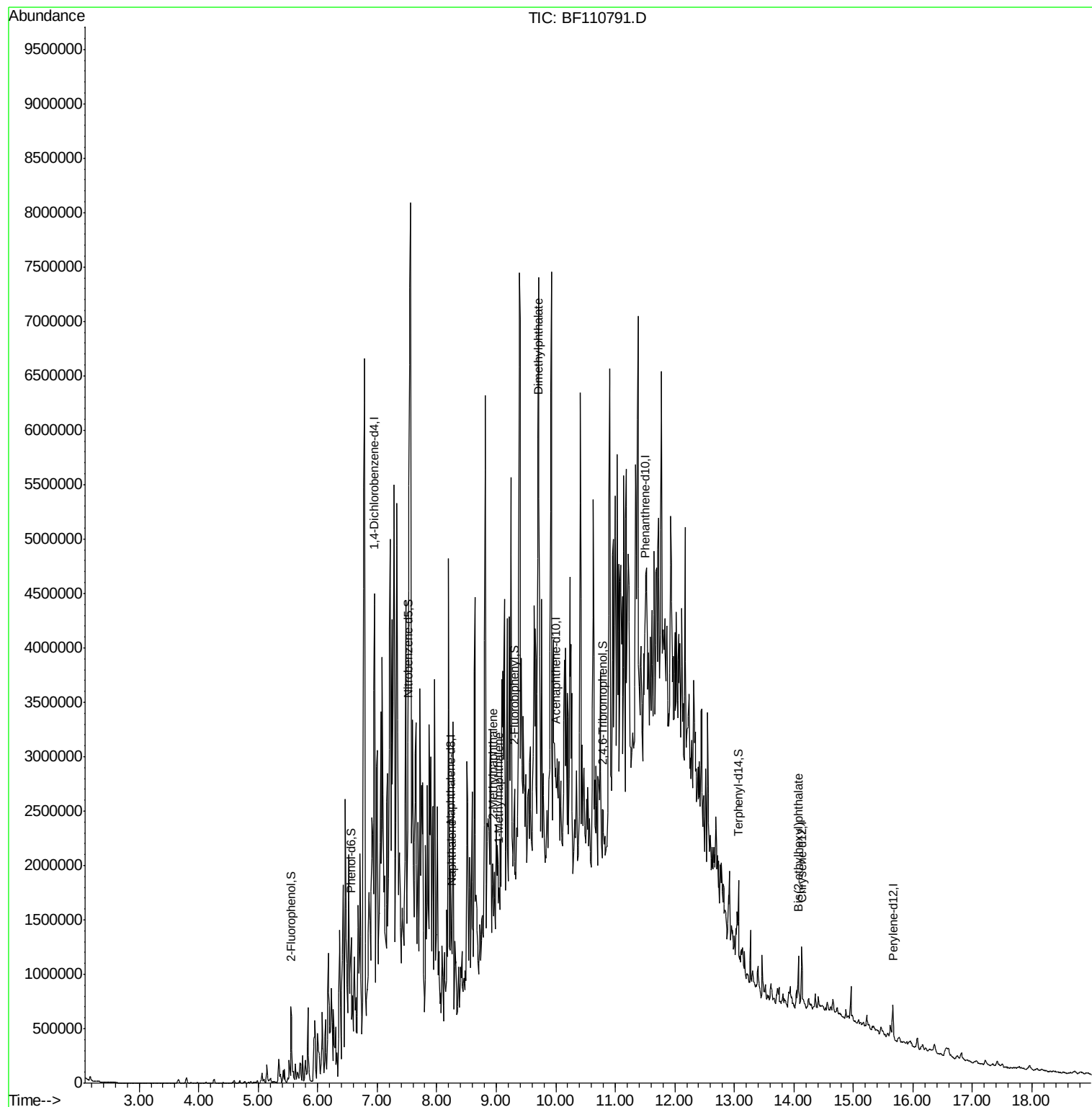
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	55604	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	251216	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	100668	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	136352	20.00	ng	0.01
76) Chrysene-d12	14.13	240	164970	20.00	ng	0.00
87) Perylene-d12	15.66	264	155122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	230346	67.29	ng	-0.01
7) Phenol-d6	6.56	99	293949	67.15	ng	-0.01
23) Nitrobenzene-d5	7.51	82	185872	42.61	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	46666	46.01	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	249339	35.37	ng	0.00
79) Terphenyl-d14	13.07	244	211061	23.96	ng	0.00
Target Compounds						
31) Naphthalene	8.25	128	60983	5.171	ng	Qvalue # 93
37) 2-Methylnaphthalene	8.95	142	68430	8.851	ng	99
38) 1-Methylnaphthalene	9.05	142	68504	9.214	ng	# 98
50) Dimethylphthalate	9.69	163	41568	5.534	ng	# 69
84) Bis(2-ethylhexyl)phthalate	14.07	149	118516	17.475	ng	98

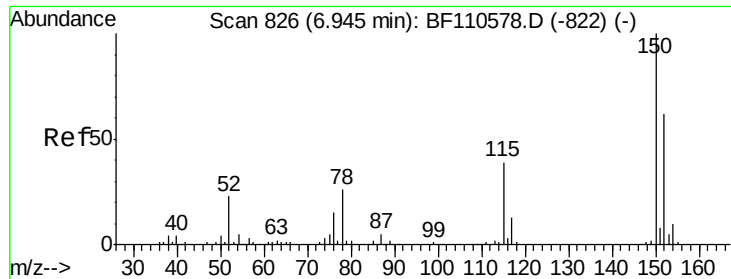
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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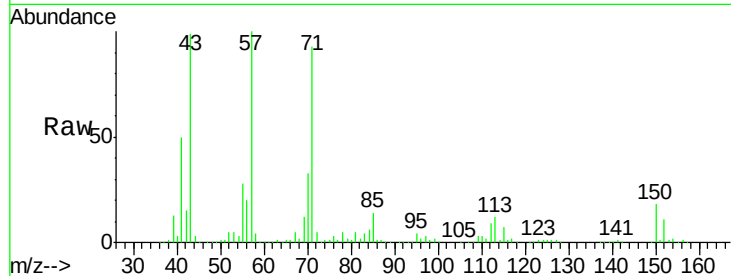


#1

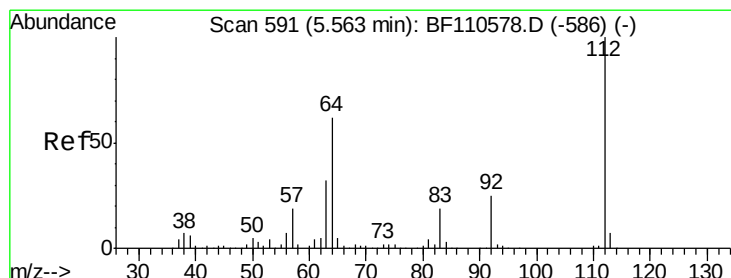
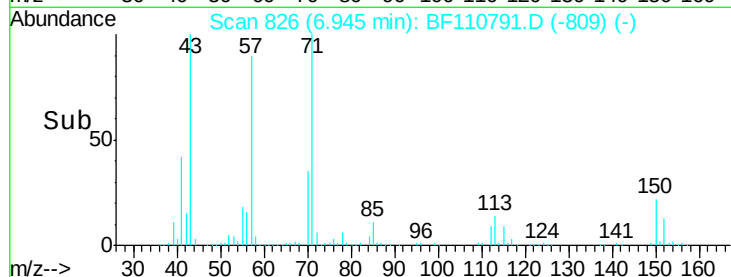
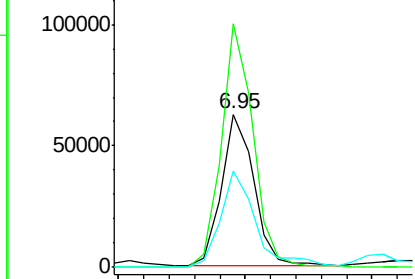
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110791.D
Acq: 15 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :
SSI-FD-11132018

Tgt Ion:152 Resp: 55604
Ion Ratio Lower Upper
152 100
150 159.3 122.7 184.1
115 63.4 49.1 73.7



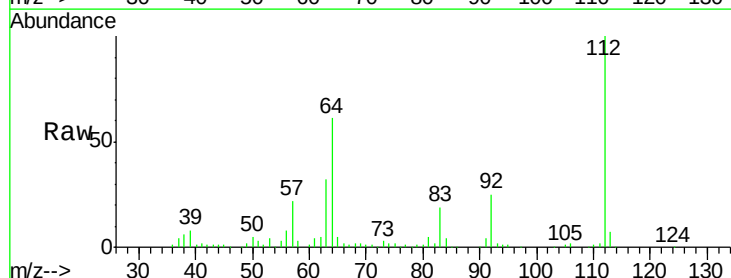
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



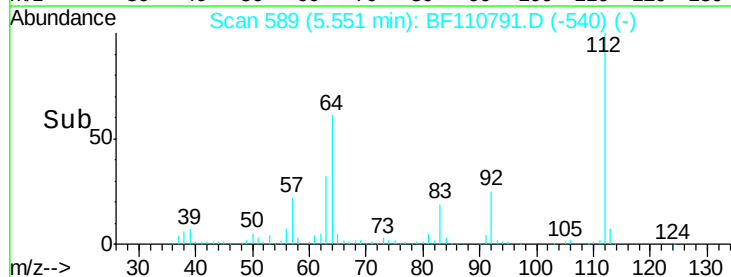
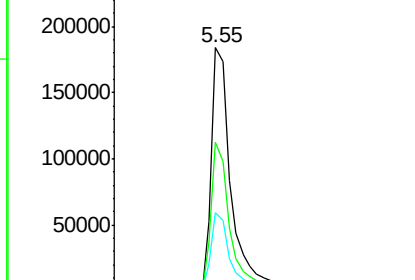
#5

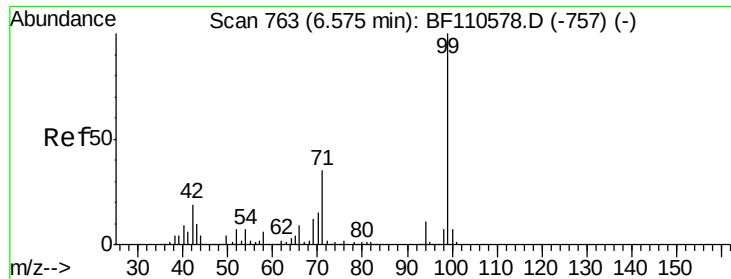
2-Fluorophenol
Concen: 67.289 ng
RT: 5.55 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF110791.D
Acq: 15 Nov 2018 16:33

Tgt Ion:112 Resp: 230346
Ion Ratio Lower Upper
112 100
64 61.0 44.1 66.1
63 32.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 67.150 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110791.D

Acq: 15 Nov 2018 16:33

Instrument :

BNA_F

ClientSampleId :

SSI-FD-11132018

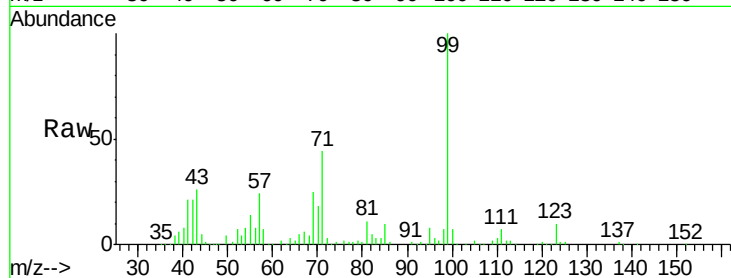
Tgt Ion: 99 Resp: 293949

Ion Ratio Lower Upper

99 100

42 20.9 15.8 23.6

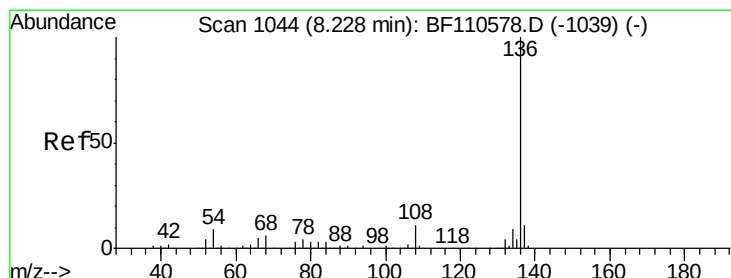
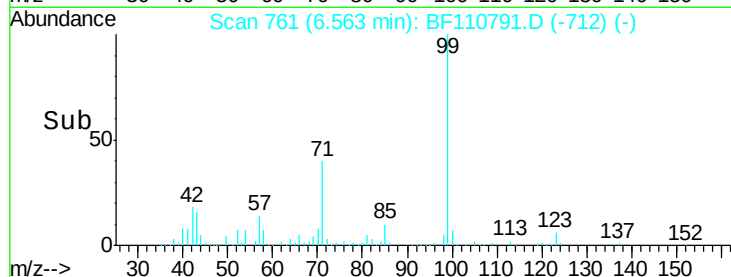
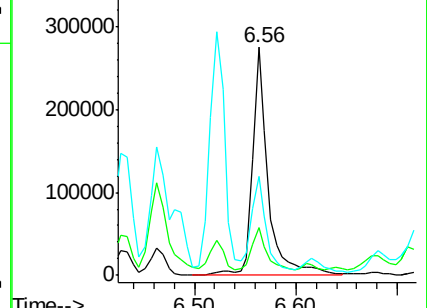
71 43.6 28.0 42.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110791.D

Acq: 15 Nov 2018 16:33

Tgt Ion: 136 Resp: 251216

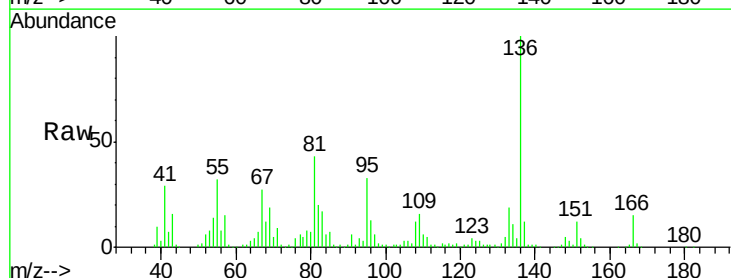
Ion Ratio Lower Upper

136 100

137 12.4 8.8 13.2

54 14.2 5.4 8.2#

68 12.3 4.2 6.2#

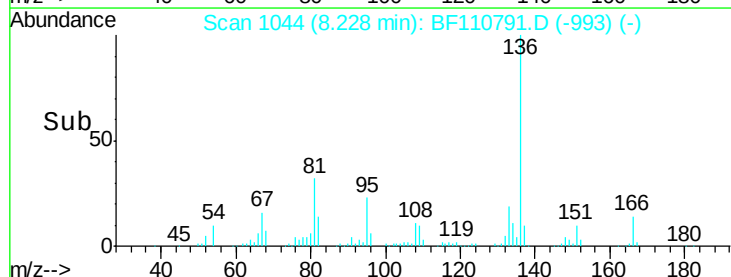
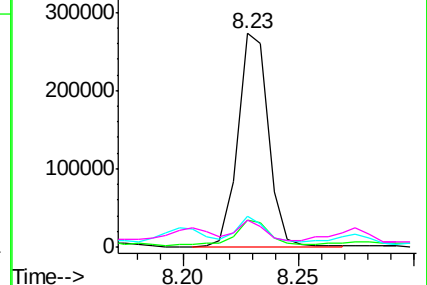


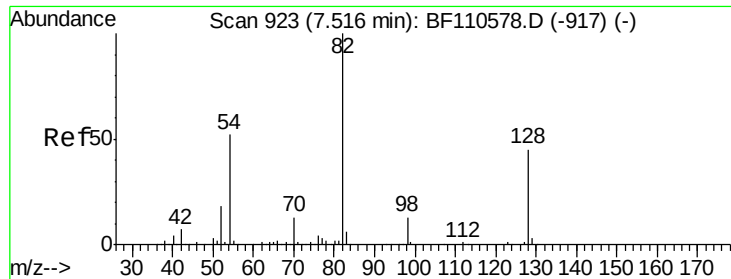
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

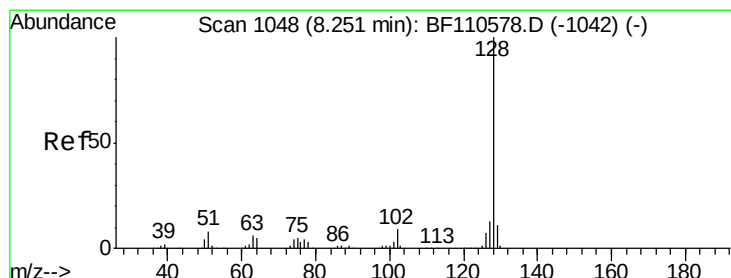
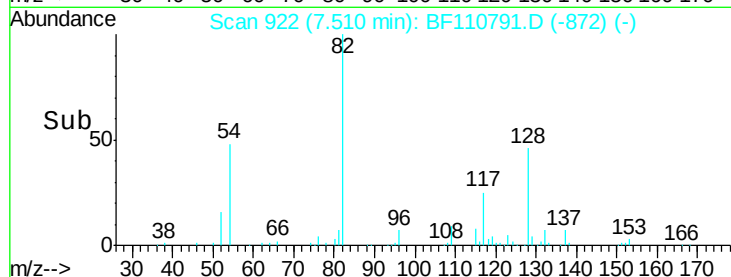
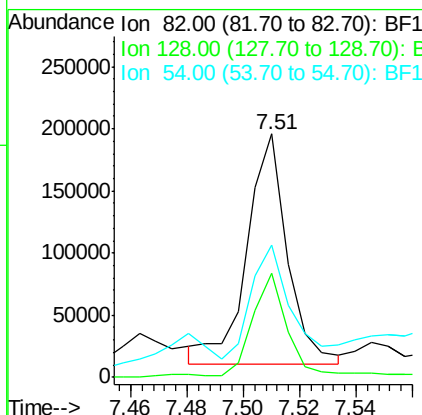
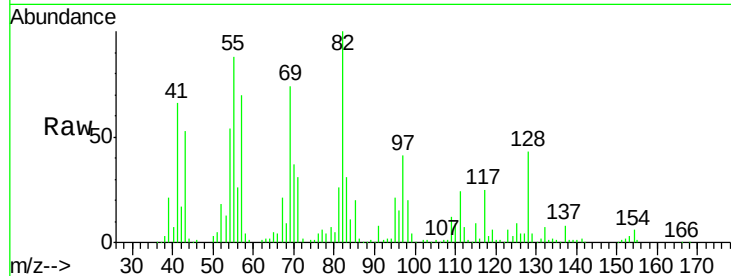




#23
 Nitrobenzene-d5
 Concen: 42.610 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110791.D
 Acq: 15 Nov 2018 16:33

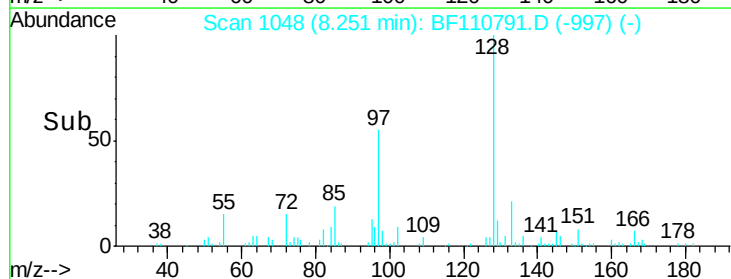
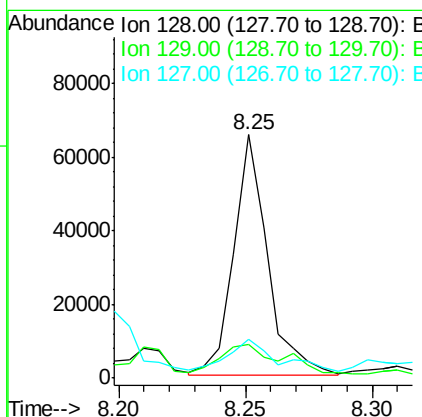
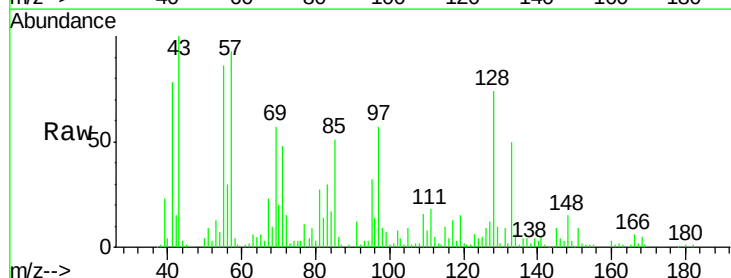
Instrument :
 BNA_F
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 SSI-FD-11132018

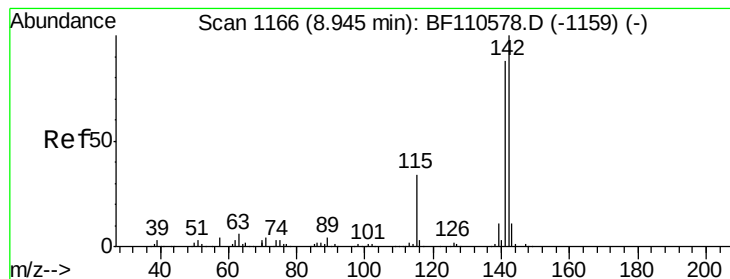
Tgt Ion: 82 Resp: 185872
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.2 51.2
 54 54.4 38.6 58.0



#31
 Naphthalene
 Concen: 5.171 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF110791.D
 Acq: 15 Nov 2018 16:33

Tgt Ion: 128 Resp: 60983
 Ion Ratio Lower Upper
 128 100
 129 13.8 8.8 13.2#
 127 15.9 10.8 16.2





#37

2-Methylnaphthalene

Concen: 8.851 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF110791.D

Acq: 15 Nov 2018 16:33

Instrument :

BNA_F

ClientSampleId :

SSI-FD-11132018

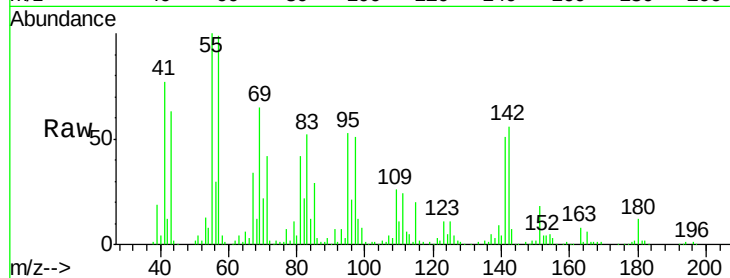
Tgt Ion:142 Resp: 68430

Ion Ratio Lower Upper

142 100

141 90.6 71.4 107.2

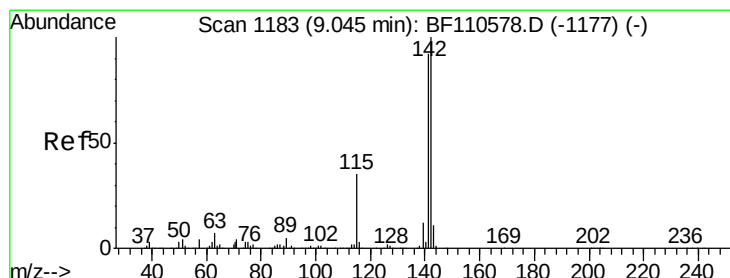
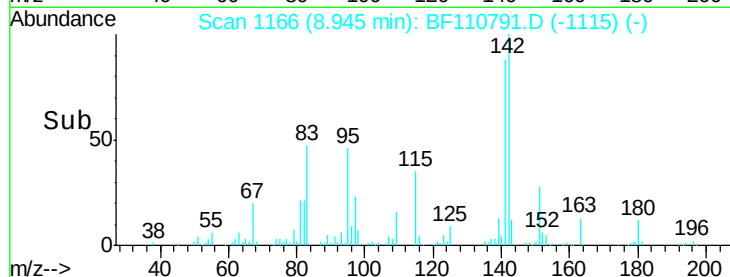
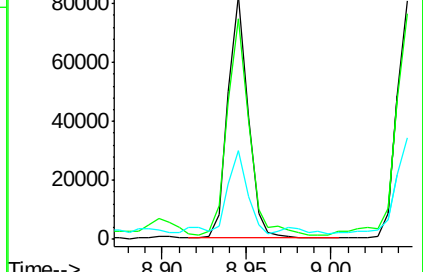
115 36.6 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 9.214 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF110791.D

Acq: 15 Nov 2018 16:33

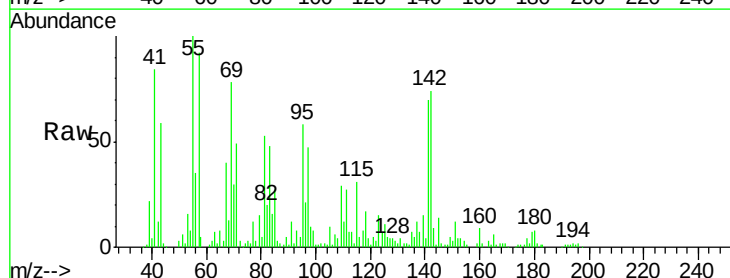
Tgt Ion:142 Resp: 68504

Ion Ratio Lower Upper

142 100

141 94.7 74.2 111.4

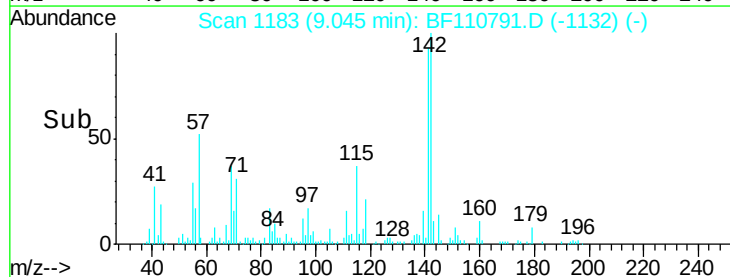
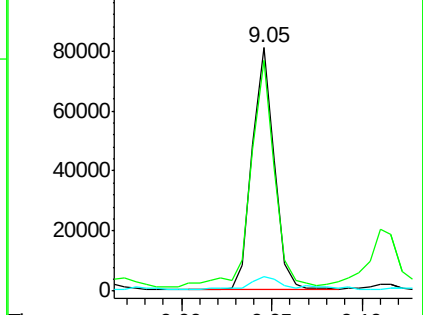
116 6.1 2.6 4.0#

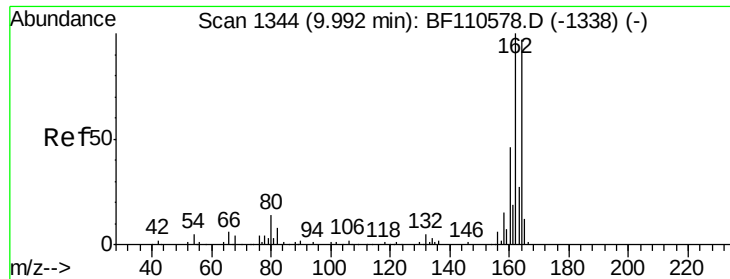


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF110791.D

Acq: 15 Nov 2018 16:33

Instrument :

BNA_F

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SSI-FD-11132018

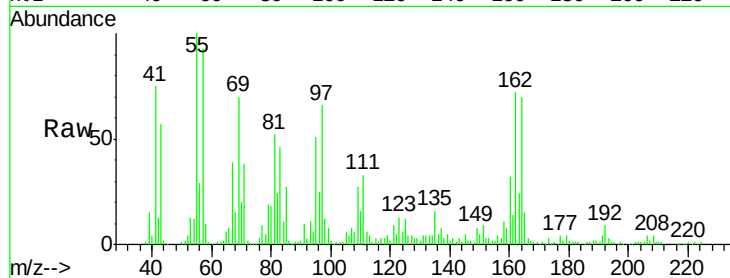
Tgt Ion:164 Resp: 100668

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.6

160 45.4 37.0 55.6



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

10.00

150000

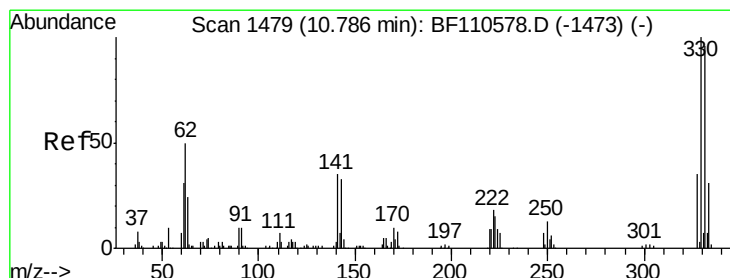
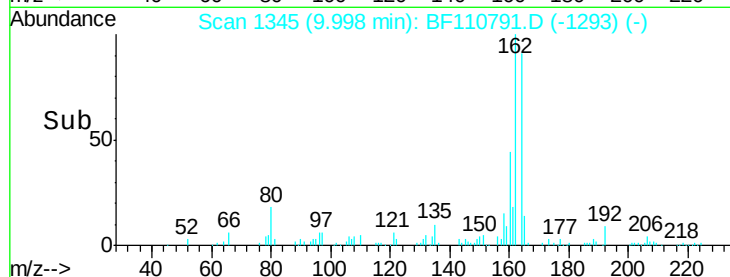
100000

50000

0

9.95 10.00 10.05

Time-->



#42

2,4,6-Tribromophenol

Concen: 46.006 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF110791.D

Acq: 15 Nov 2018 16:33

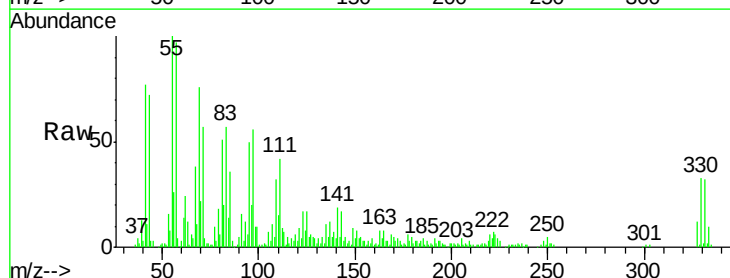
Tgt Ion:330 Resp: 46666

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 37.6 27.0 40.4



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

10.79

60000

50000

40000

30000

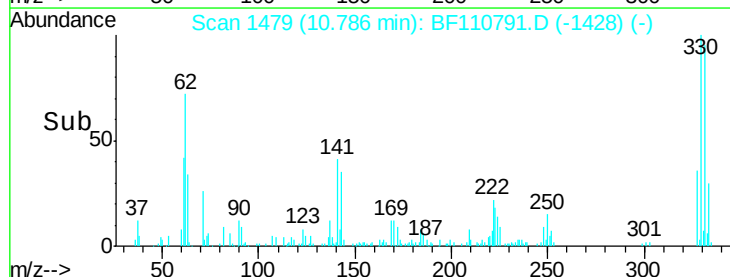
20000

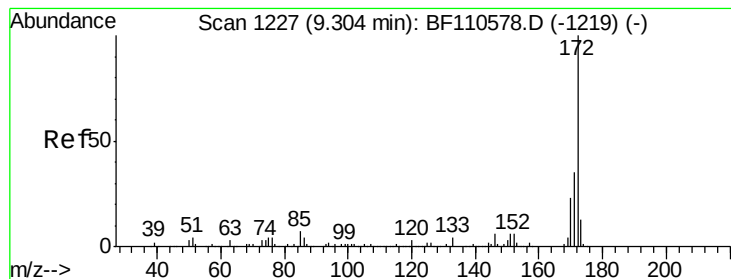
10000

0

10.75 10.80 10.85

Time-->





#45

2-Fluorobiphenyl

Concen: 35.374 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF110791.D

Acq: 15 Nov 2018 16:33

Instrument :

BNA_F

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SSI-FD-11132018

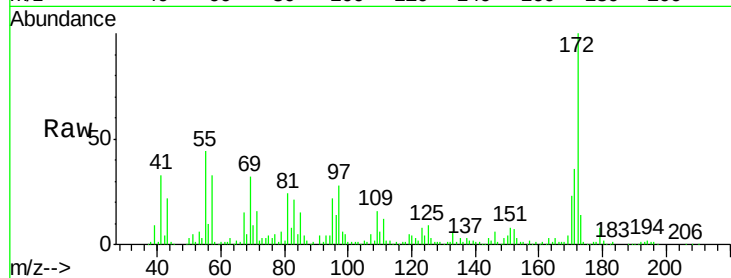
Tgt Ion:172 Resp: 249339

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

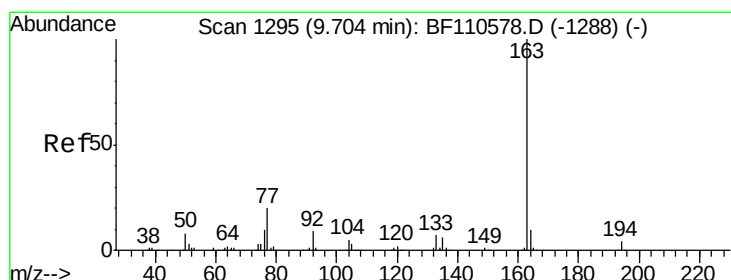
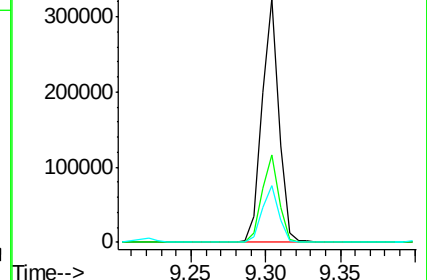
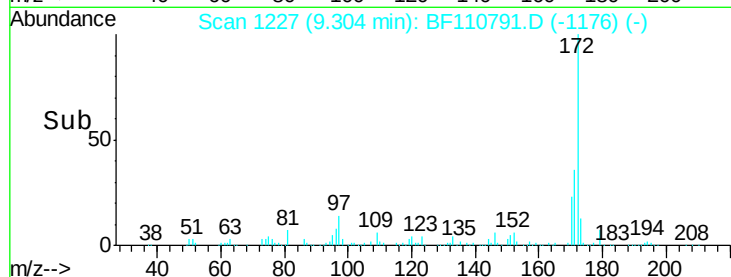
170 23.3 19.7 29.5



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



#50

Dimethylphthalate

Concen: 5.534 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110791.D

Acq: 15 Nov 2018 16:33

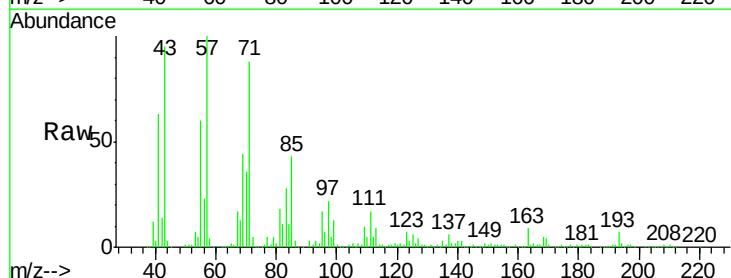
Tgt Ion:163 Resp: 41568

Ion Ratio Lower Upper

163 100

194 25.4 3.2 4.8#

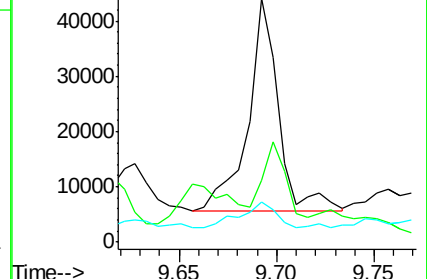
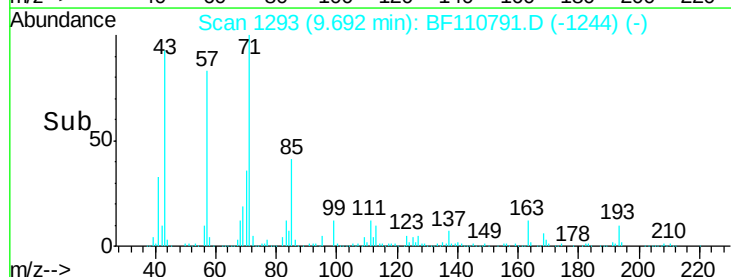
164 16.6 8.1 12.1#

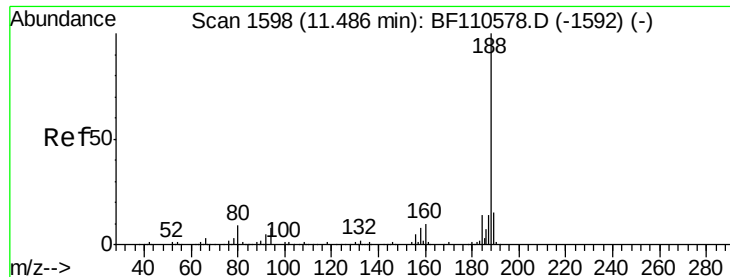


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

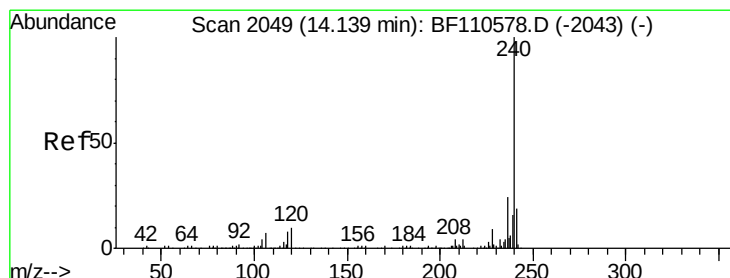
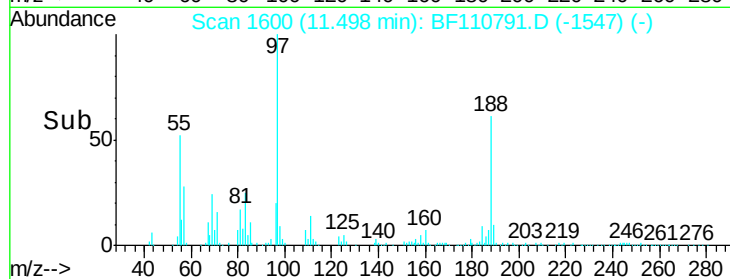
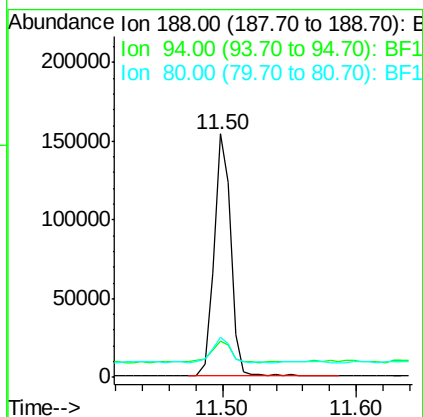
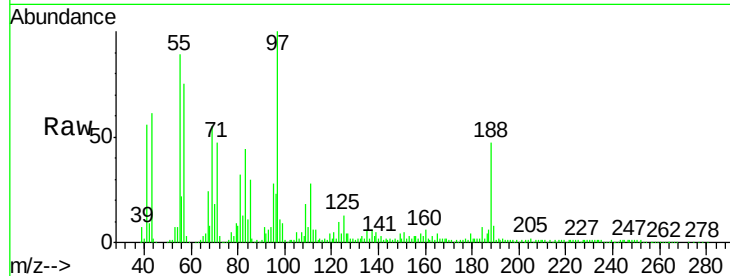




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF110791.D
Acq: 15 Nov 2018 16:33

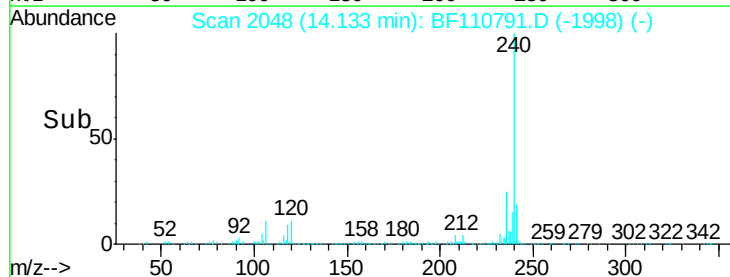
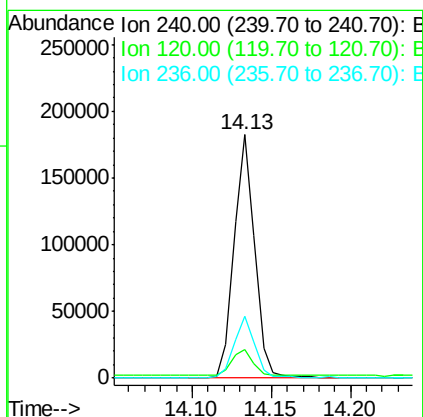
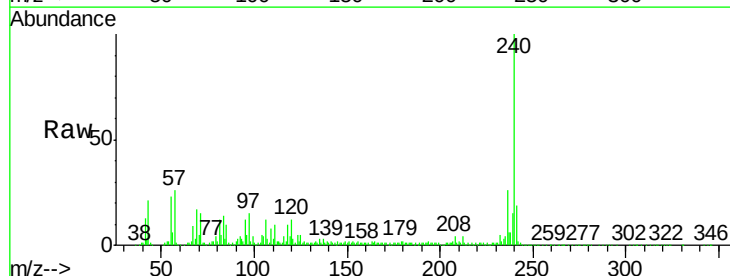
Instrument :
BNA_F
ClientSampleId :
SSI-FD-11132018

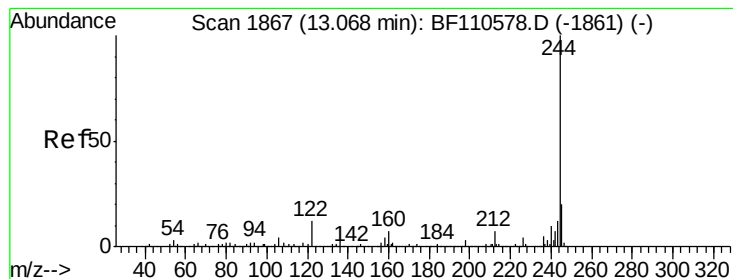
Tgt Ion:188 Resp: 136352
Ion Ratio Lower Upper
188 100
94 14.9 7.2 10.8#
80 16.6 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110791.D
Acq: 15 Nov 2018 16:33

Tgt Ion:240 Resp: 164970
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 25.5 21.2 31.8





#79

Terphenyl-d14

Concen: 23.960 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF110791.D

Acq: 15 Nov 2018 16:33

Instrument :

BNA_F

ClientSampleId :

SSI-FD-11132018

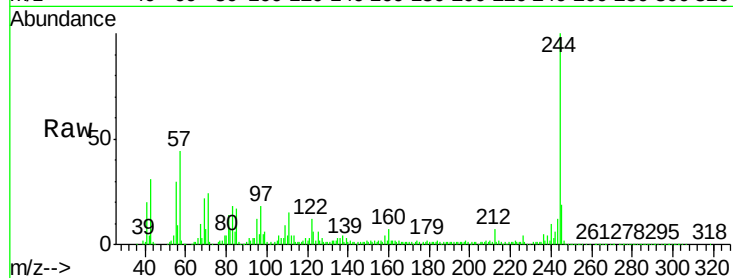
Tgt Ion:244 Resp: 211061

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

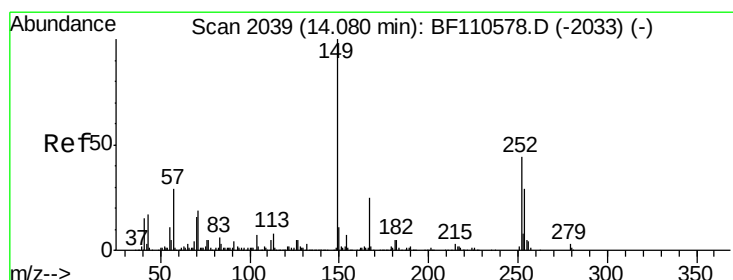
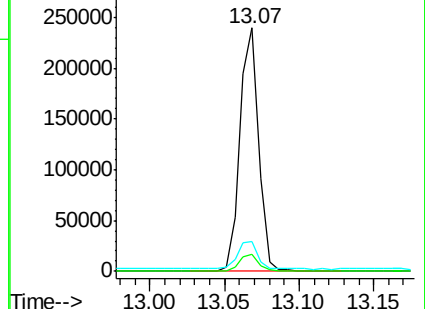
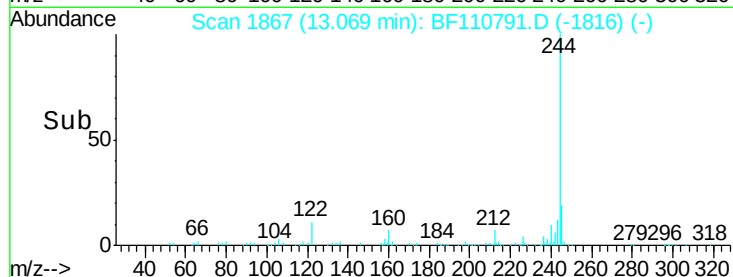
122 12.1 8.7 13.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 17.475 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110791.D

Acq: 15 Nov 2018 16:33

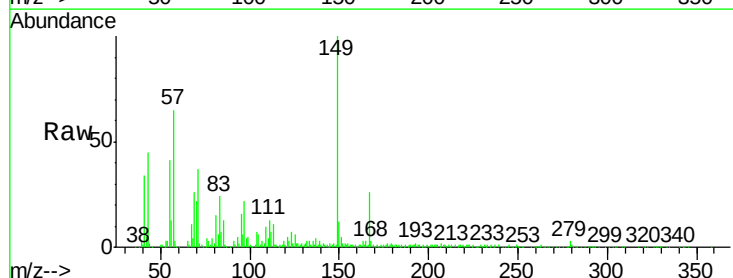
Tgt Ion:149 Resp: 118516

Ion Ratio Lower Upper

149 100

167 26.1 19.8 29.8

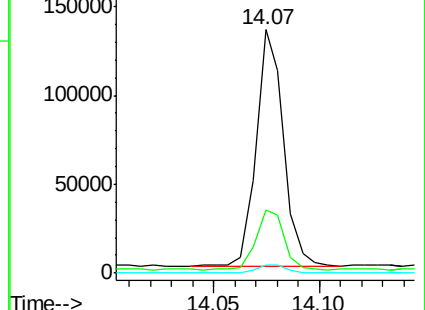
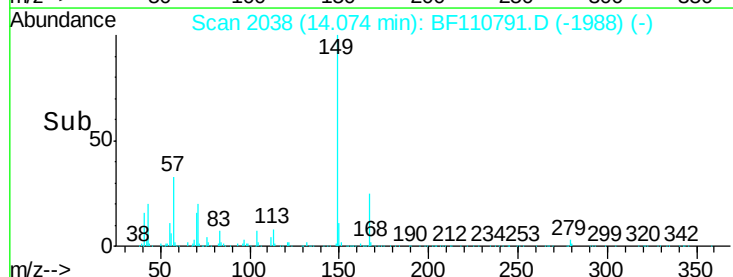
279 3.4 2.7 4.1

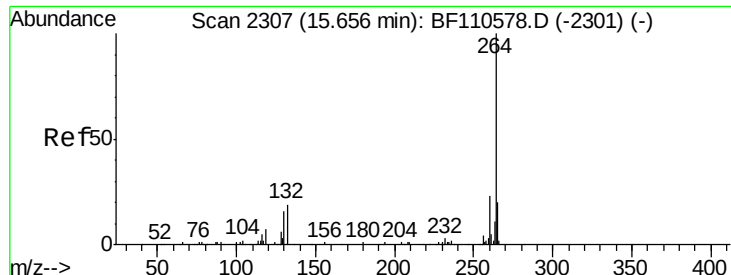


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110791.D
Acq: 15 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :
SSI-FD-11132018

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.6	16.7	25.1

