

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111919.D
 Acq On : 8 Jan 2019 20:44
 Operator : JU/SJ
 Sample : K1044-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-08(20-25)

Quant Time: Jan 09 01:19:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

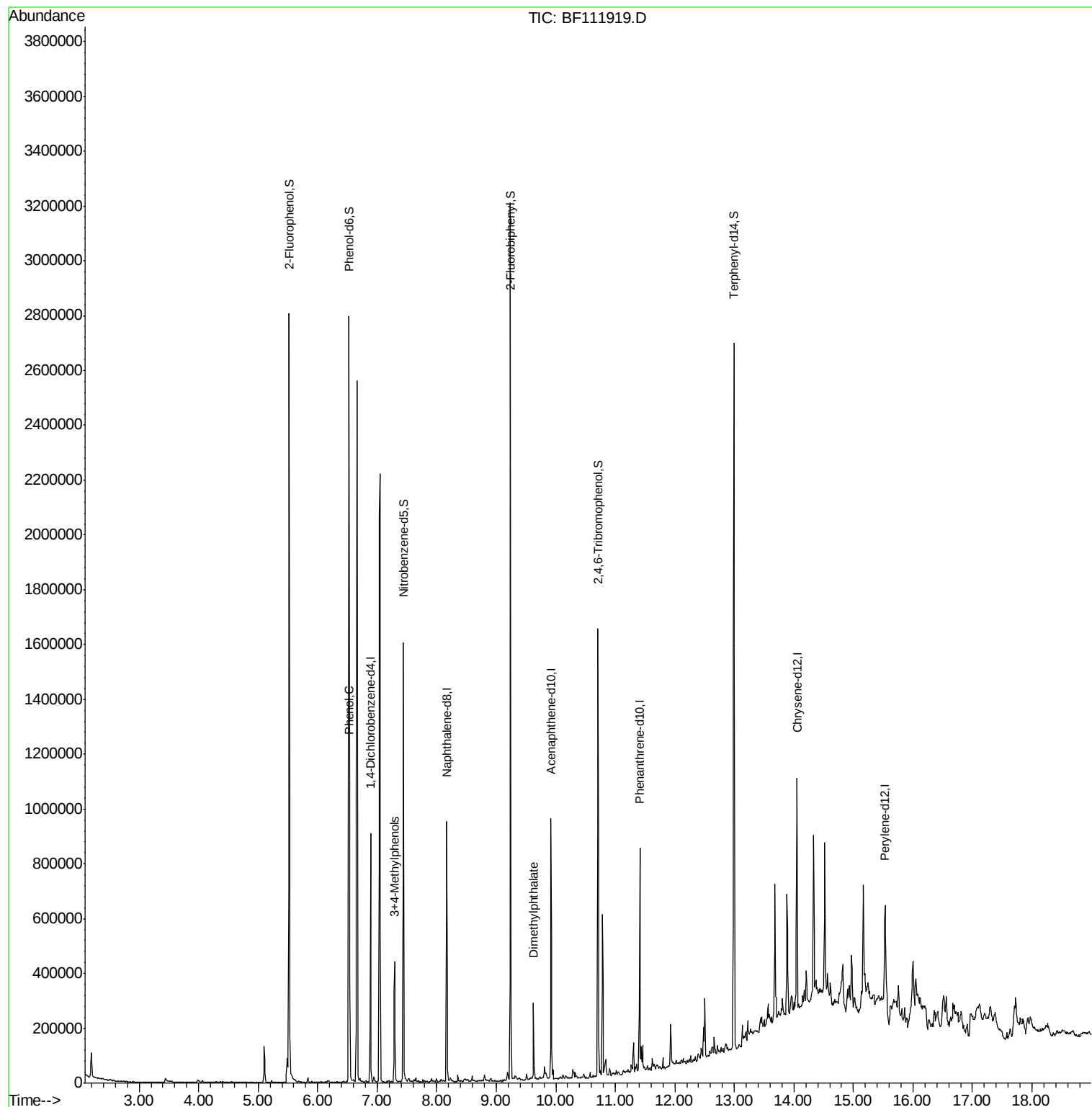
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	131449	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	392724	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	172961	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	269844	20.00	ng	0.00
76) Chrysene-d12	14.05	240	300241	20.00	ng	0.00
87) Perylene-d12	15.53	264	188584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	670290	87.24	ng	0.00
7) Phenol-d6	6.53	99	860203	86.86	ng	0.00
23) Nitrobenzene-d5	7.44	82	515501	70.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	182312	81.04	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	912720	76.95	ng	-0.01
79) Terphenyl-d14	12.99	244	809776	51.20	ng	0.00
Target Compounds						
10) Phenol	6.54	94	71143	6.610	ng	# 73
20) 3+4-Methylphenols	7.29	107	102980	12.067	ng	# 60
50) Dimethylphthalate	9.63	163	102248	7.870	ng	99

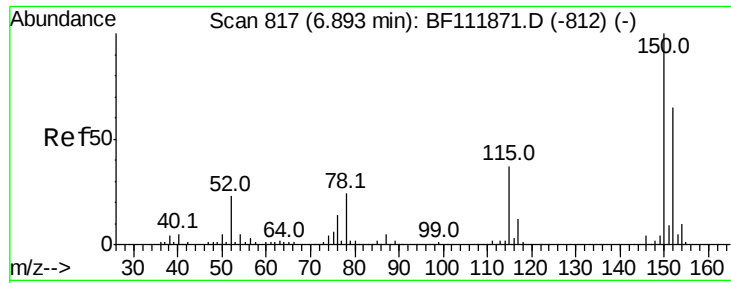
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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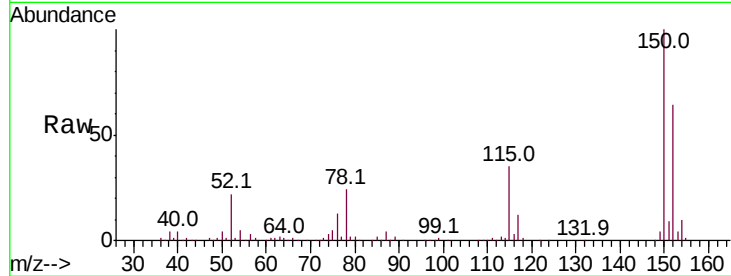


#1

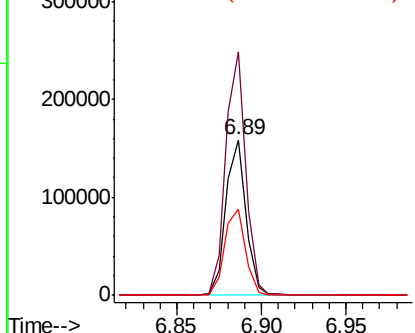
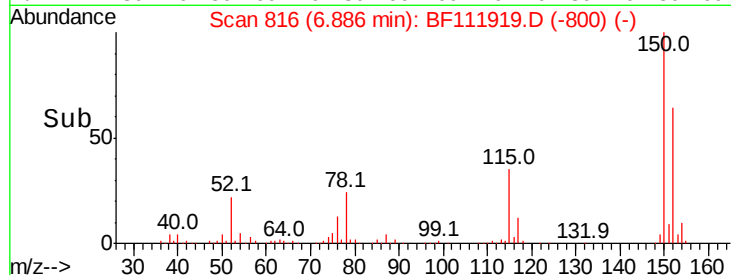
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :
CPSB-08(20-25)

Tot Ion:152 Resp: 131449
Ion Ratio Lower Upper
152 100
150 156.5 122.7 184.1
115 55.2 45.2 67.8



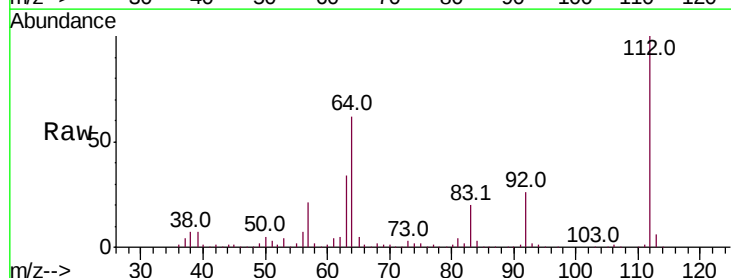
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



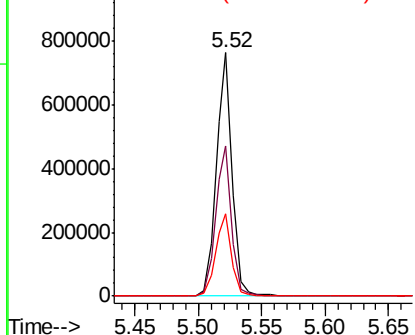
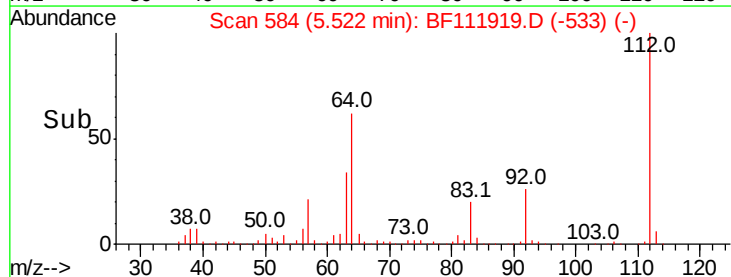
#5

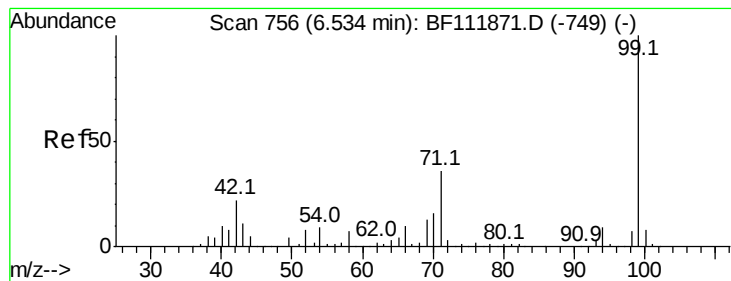
2-Fluorophenol
Concen: 87.239 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Tgt Ion:112 Resp: 670290
Ion Ratio Lower Upper
112 100
64 61.9 48.3 72.5
63 33.7 26.1 39.1



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: 86.863 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111919.D

Acq: 8 Jan 2019 20:44

Instrument :

BNA_F

ClientSampleId :

CPSB-08(20-25)

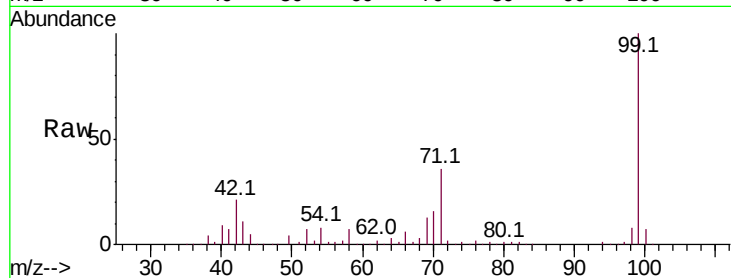
Tot Ion: 99 Resp: 860203

Ion Ratio Lower Upper

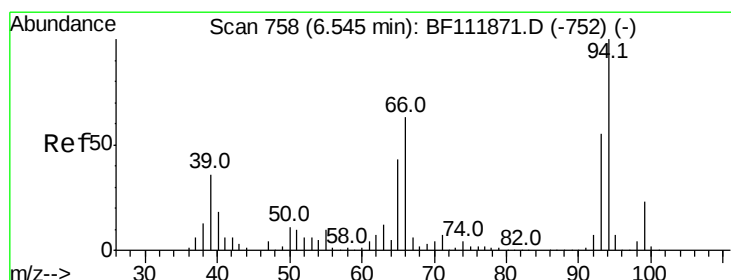
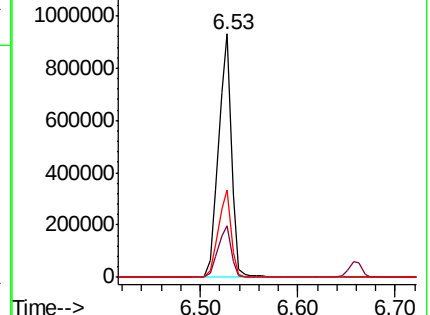
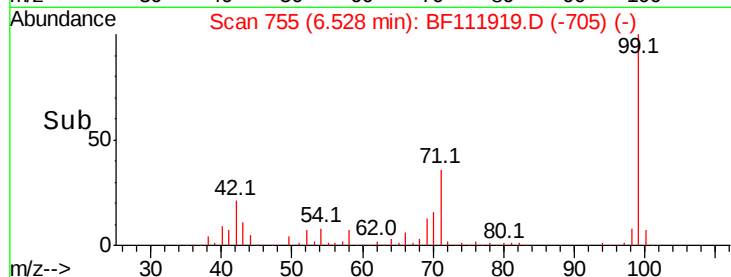
99 100

42 21.2 17.9 26.9

71 36.1 28.7 43.1



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



#10

Phenol

Concen: 6.610 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111919.D

Acq: 8 Jan 2019 20:44

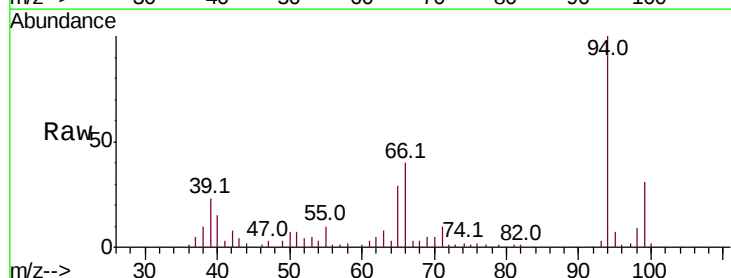
Tgt Ion: 94 Resp: 71143

Ion Ratio Lower Upper

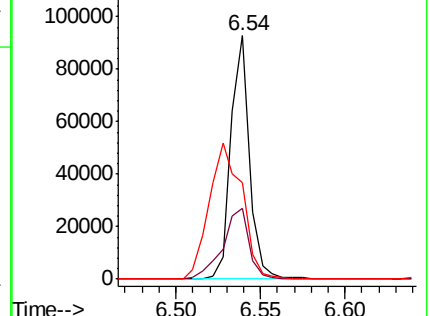
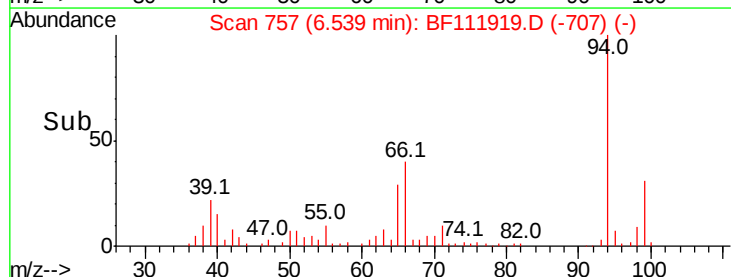
94 100

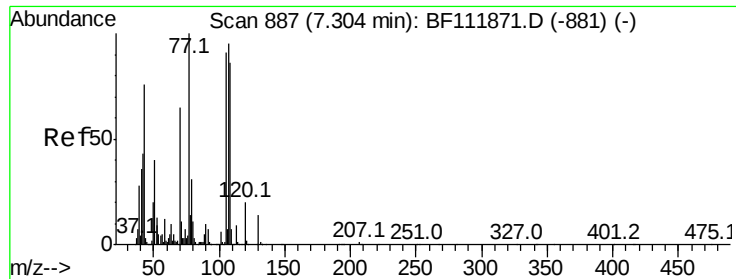
65 28.9 22.8 62.8

66 39.7 43.3 83.3#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

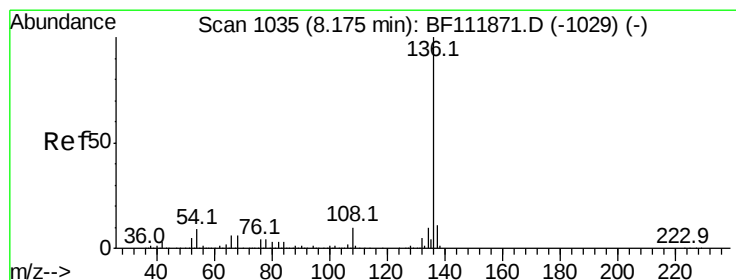
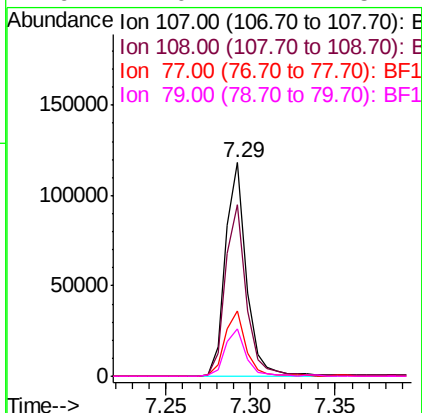
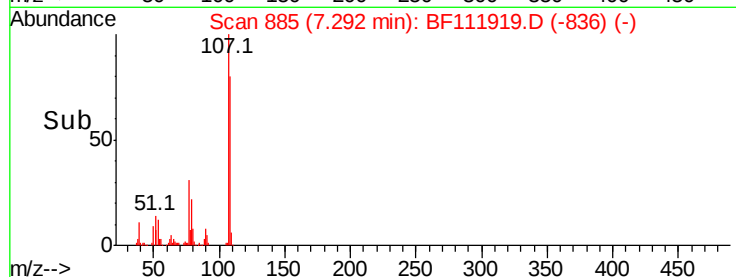
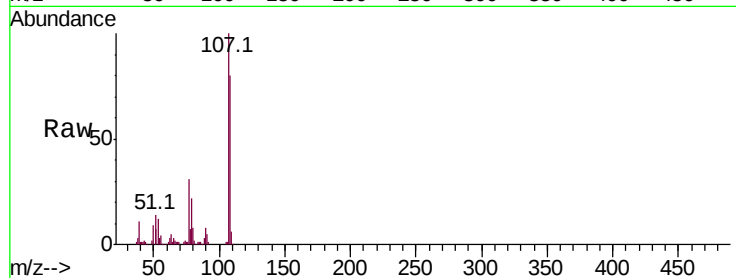




#20
 3+4-Methylphenols
 Concen: 12.067 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF111919.D
 Acq: 8 Jan 2019 20:44

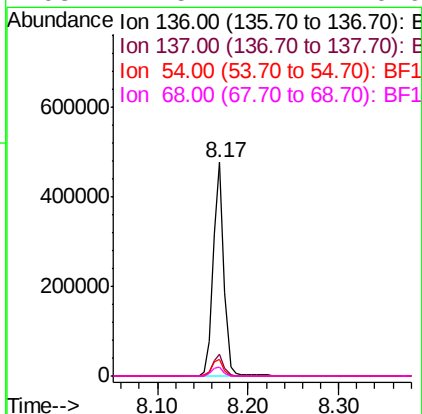
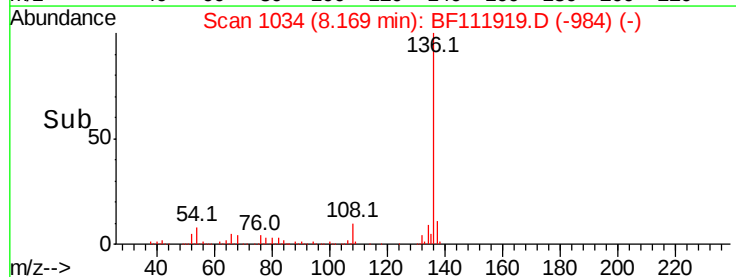
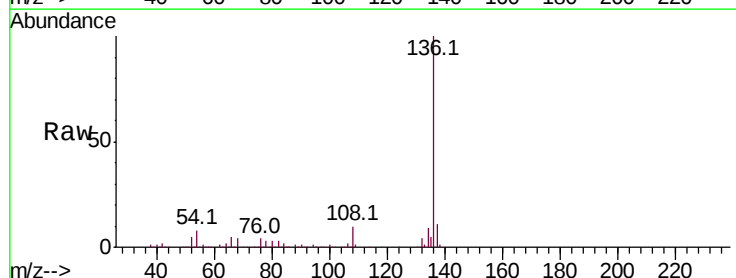
Instrument :
 BNA_F
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 CPSB-08(20-25)

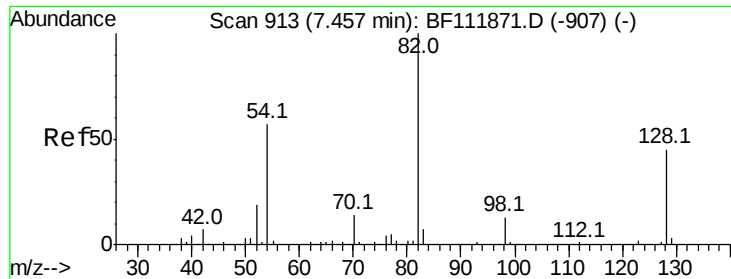
Tot Ion:	107	Resp:	102980
Ion	Ratio	Lower	Upper
107	100		
108	80.5	71.1	111.1
77	30.7	85.4	125.4#
79	22.0	12.4	52.4



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF111919.D
 Acq: 8 Jan 2019 20:44

Tgt Ion:	136	Resp:	392724
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	8.0	7.2	10.8
68	4.5	4.4	6.6

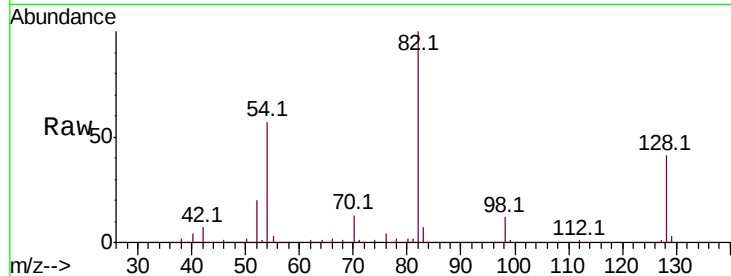




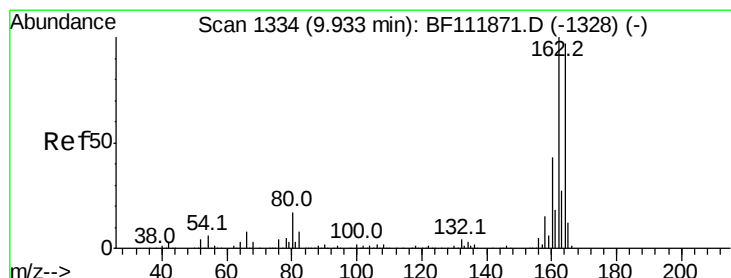
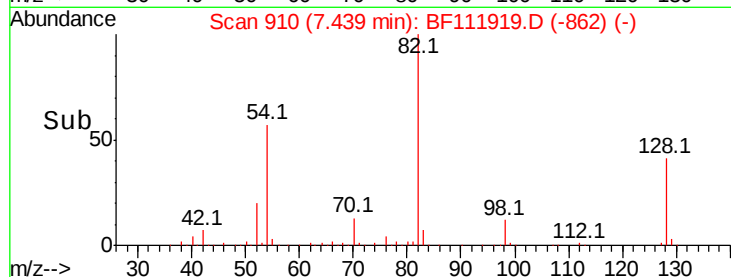
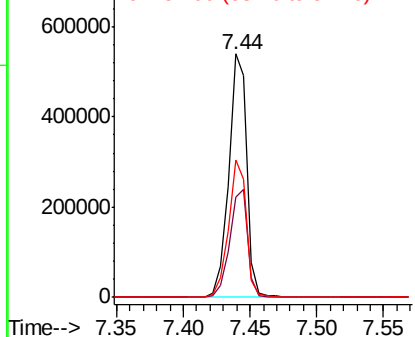
#23
Nitrobenzene-d5
Concen: 70.154 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :
CPSB-08(20-25)

Tot Ion: 82 Resp: 515501
Ion Ratio Lower Upper
82 100
128 41.3 35.7 53.5
54 56.6 45.8 68.8

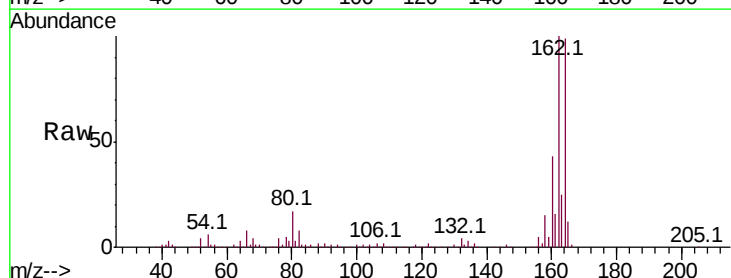


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

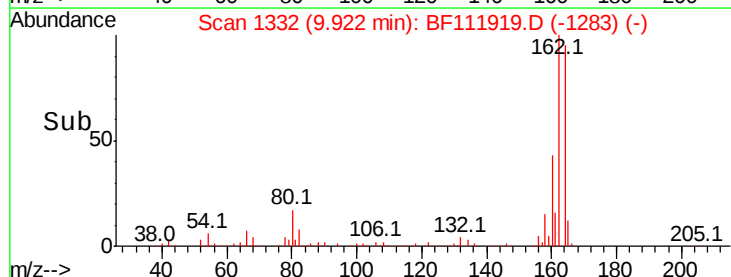
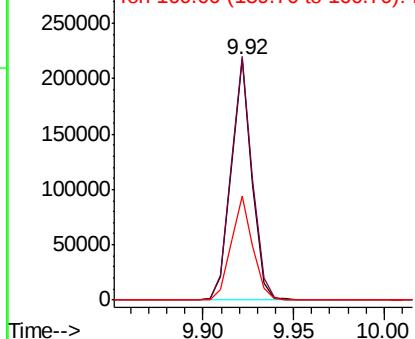


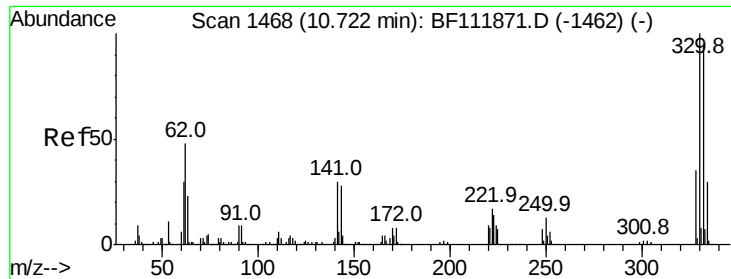
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Tgt Ion:164 Resp: 172961
Ion Ratio Lower Upper
164 100
162 101.1 82.2 123.2
160 43.1 35.5 53.3



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

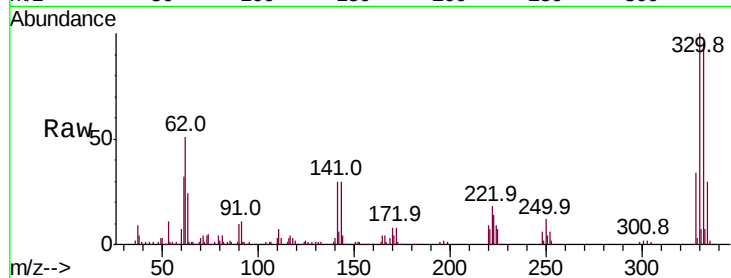




#42
 2,4,6-Tribromophenol
 Concen: 81.038 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111919.D
 Acq: 8 Jan 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-08(20-25)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	29.6	23.7	35.5

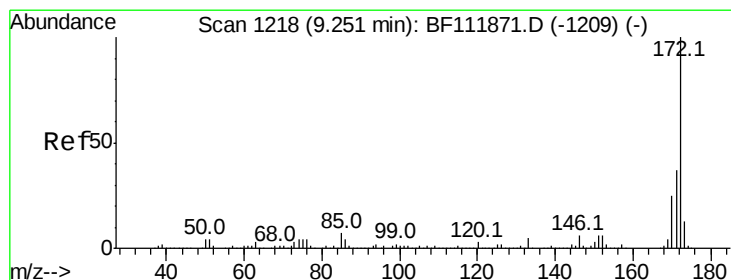
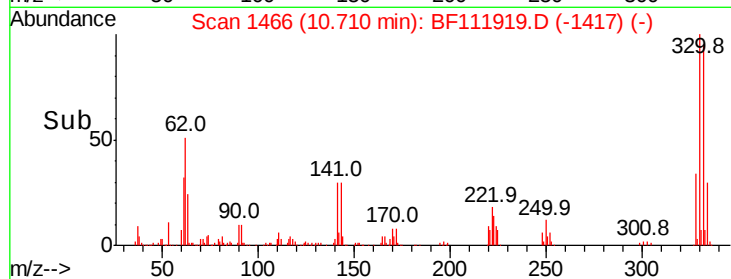
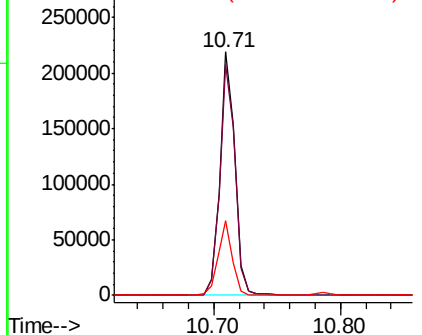


Abundance

Ion 329.80 (329.50 to 330.50): E

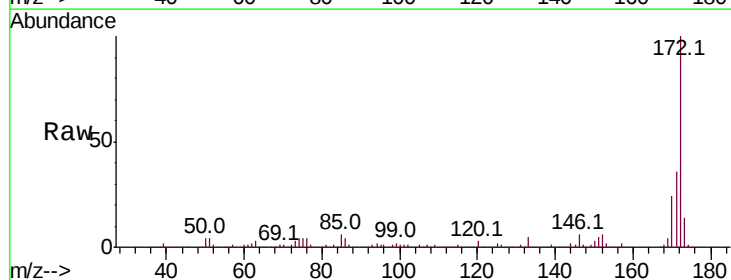
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.950 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111919.D
 Acq: 8 Jan 2019 20:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	19.8	29.8

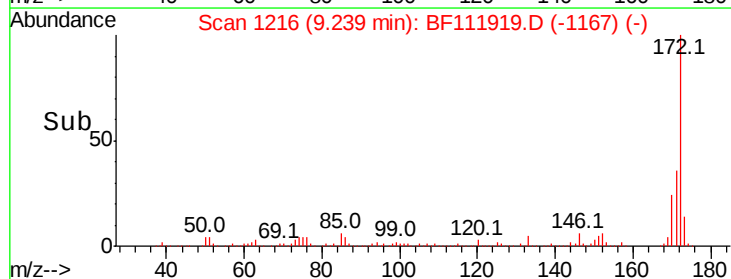
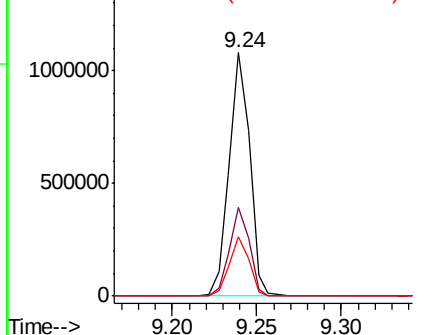


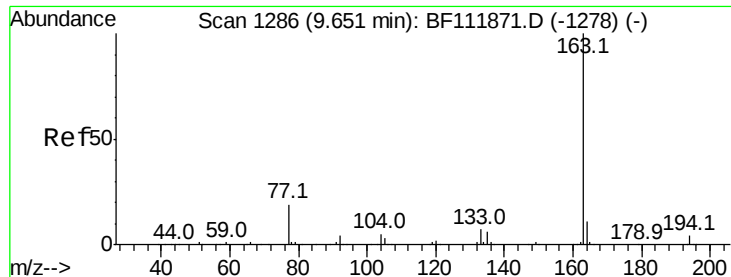
Abundance

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





#50

Dimethylphthalate

Concen: 7.870 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF111919.D

Acq: 8 Jan 2019 20:44

Instrument :

BNA_F

ClientSampleId :

CPSB-08(20-25)

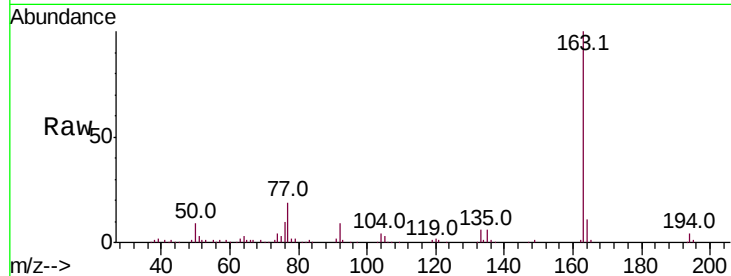
Tot Ion:163 Resp: 102248

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.2

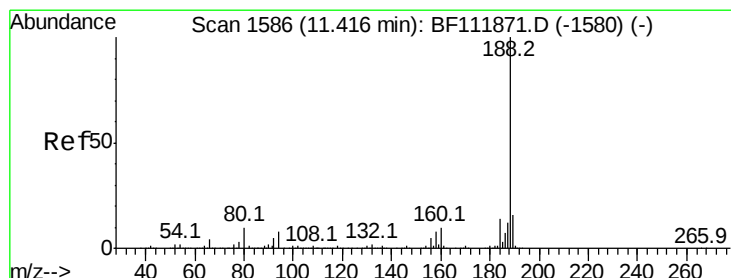
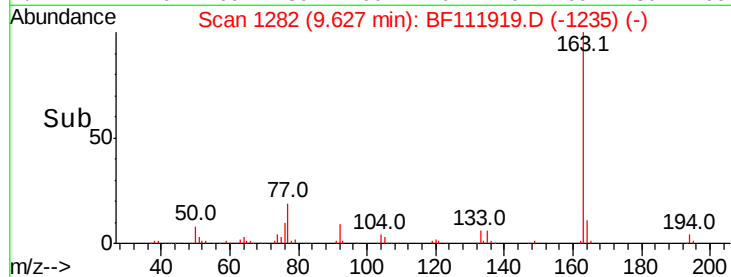
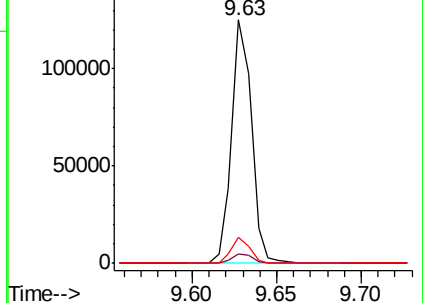
164 10.8 8.5 12.7



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111919.D

Acq: 8 Jan 2019 20:44

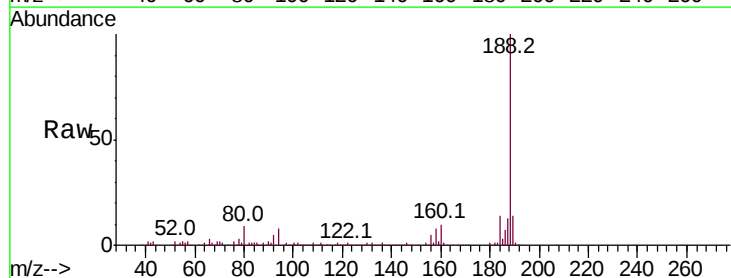
Tgt Ion:188 Resp: 269844

Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

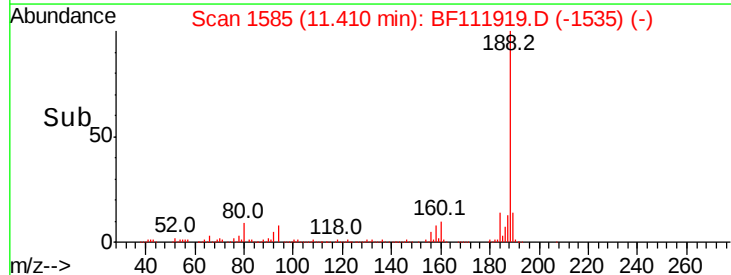
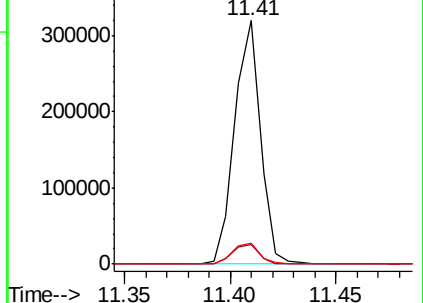
80 8.6 7.7 11.5

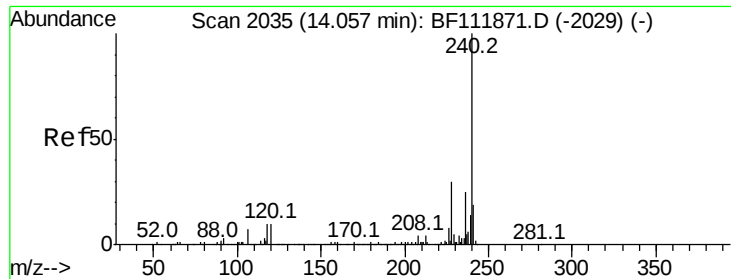


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

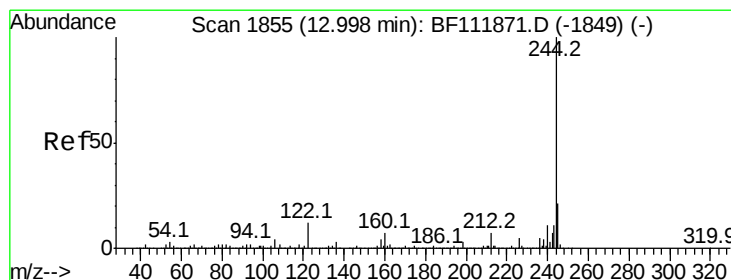
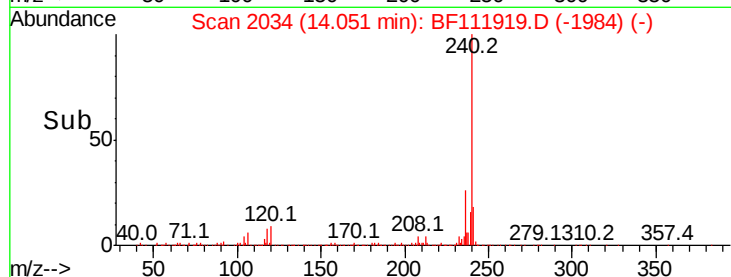
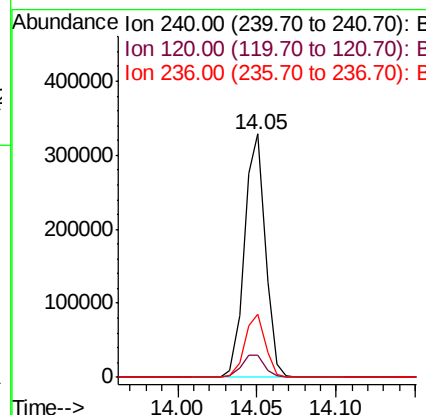
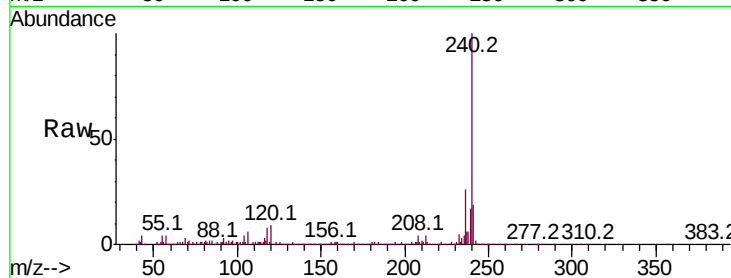




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111919.D
 Acq: 8 Jan 2019 20:44

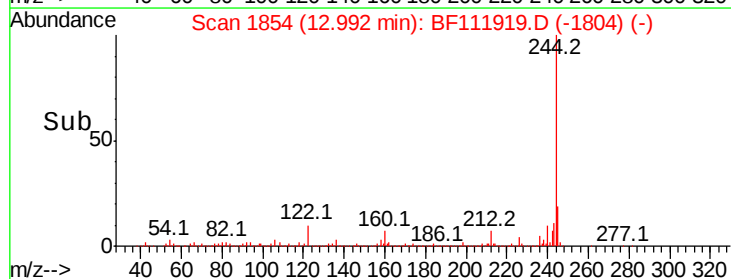
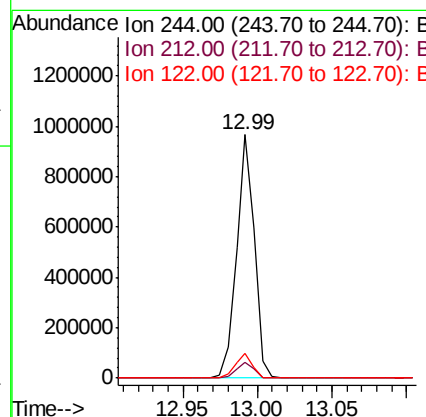
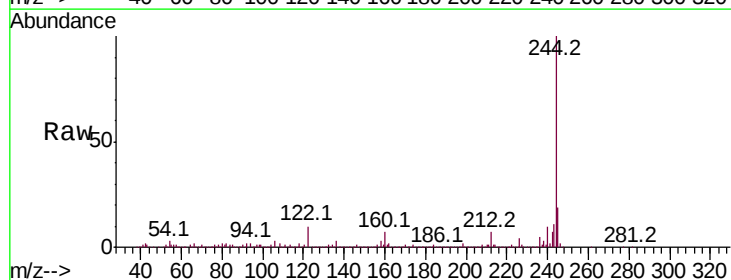
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-08(20-25)

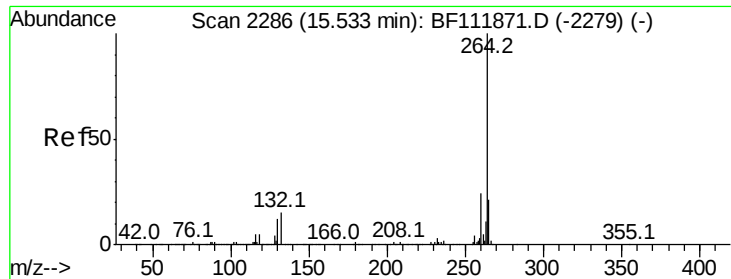
Tot Ion:240 Resp: 300241
 Ion Ratio Lower Upper
 240 100
 120 9.0 8.2 12.2
 236 25.7 20.2 30.4



#79
 Terphenyl-d14
 Concen: 51.197 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111919.D
 Acq: 8 Jan 2019 20:44

Tgt Ion:244 Resp: 809776
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.3 9.5 14.3





#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111919.D
Acq: 8 Jan 2019 20:44

Instrument :
BNA_F
ClientSampleId :
CPSB-08(20-25)

Tot Ion:	264	Resp:	188584
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.1	25.7

