

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111962.D
 Acq On : 9 Jan 2019 21:04
 Operator : JU/SJ
 Sample : K1044-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 10 03:09:40 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

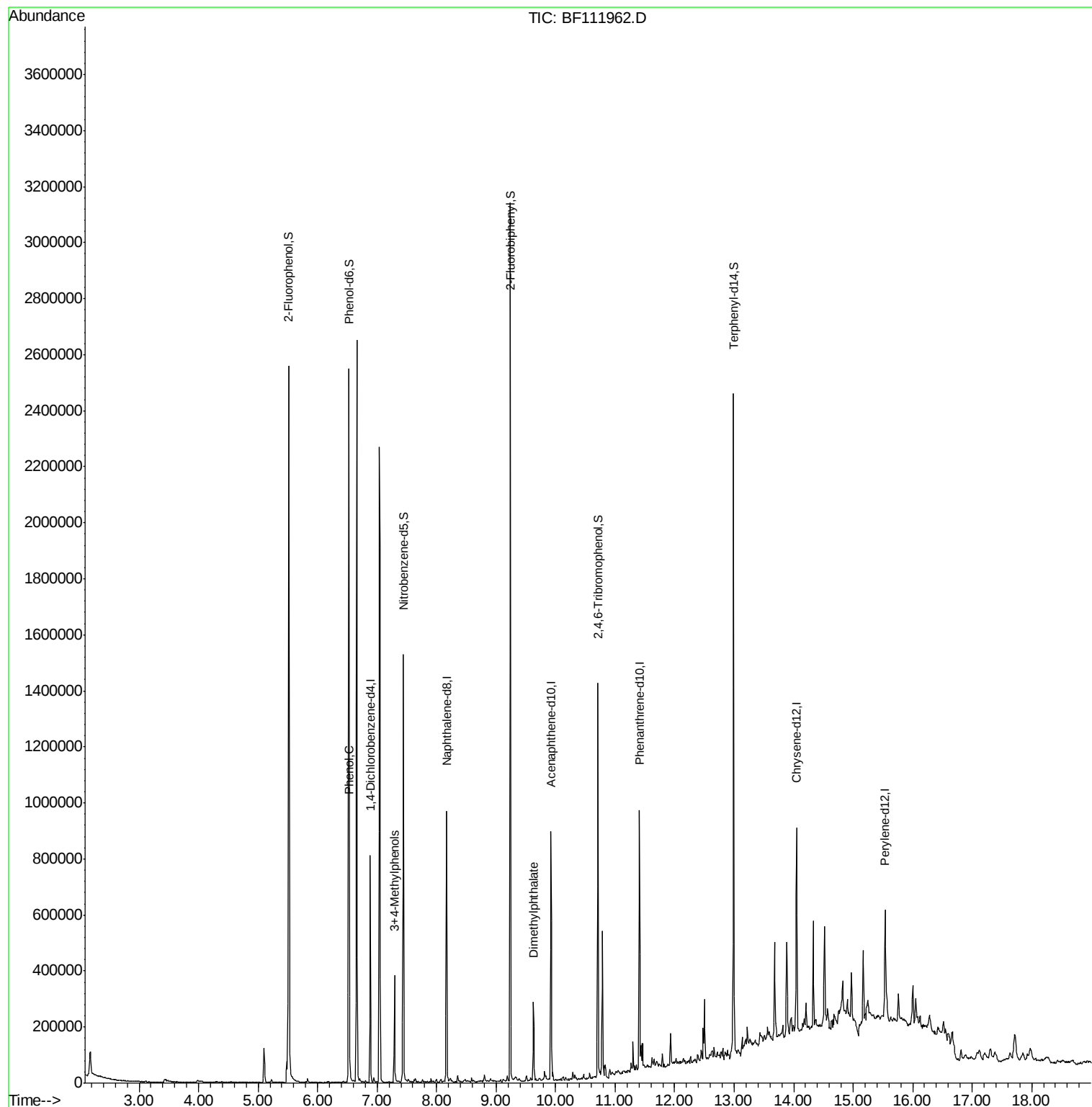
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	120448	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	428482	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	165909	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	294663	20.00	ng	0.00
76) Chrysene-d12	14.05	240	241092	20.00	ng	0.00
87) Perylene-d12	15.54	264	185998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	665920	94.59	ng	0.00
7) Phenol-d6	6.53	99	840287	92.60	ng	0.00
23) Nitrobenzene-d5	7.44	82	515264	64.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	161771	74.96	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	894216	78.59	ng	-0.01
79) Terphenyl-d14	12.99	244	755416	59.48	ng	0.00
Target Compounds						
10) Phenol	6.54	94	70643	7.163	ng	# 72
20) 3+4-Methylphenols	7.29	107	104471	13.360	ng	# 57
50) Dimethylphthalate	9.63	163	99675	7.998	ng	99

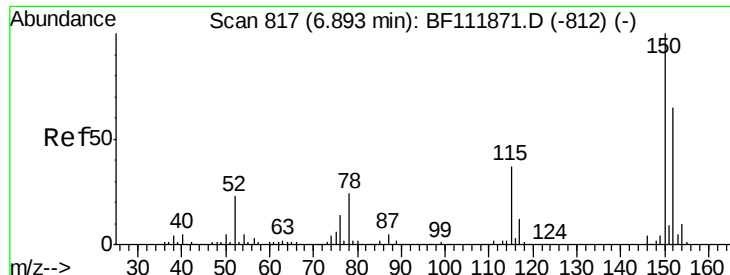
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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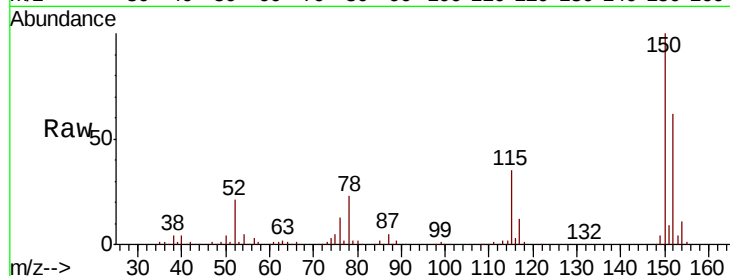


#1

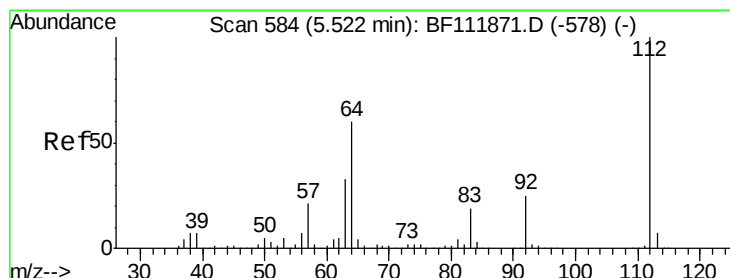
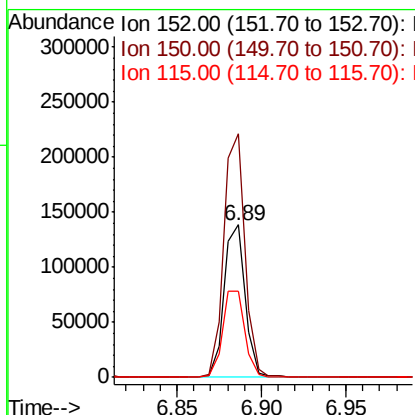
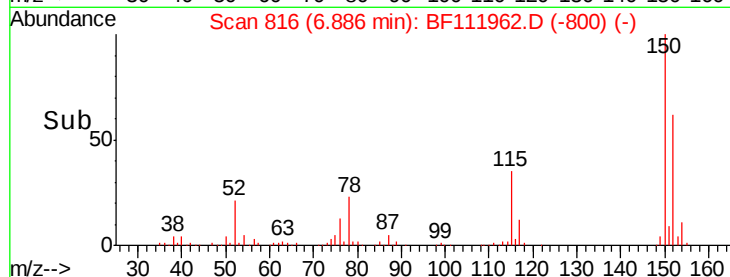
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111962.D
Acq: 9 Jan 2019 21:04

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

Tot Ion:152 Resp: 120448
Ion Ratio Lower Upper
152 100
150 160.0 122.7 184.1
115 56.4 45.2 67.8



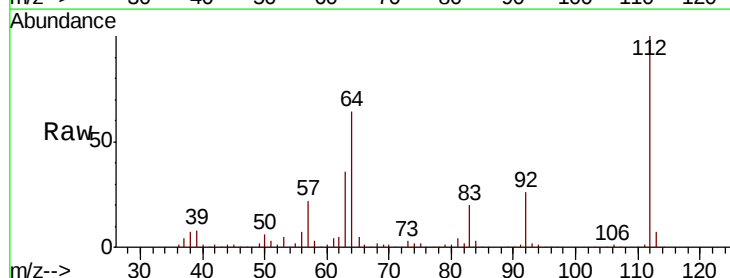
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



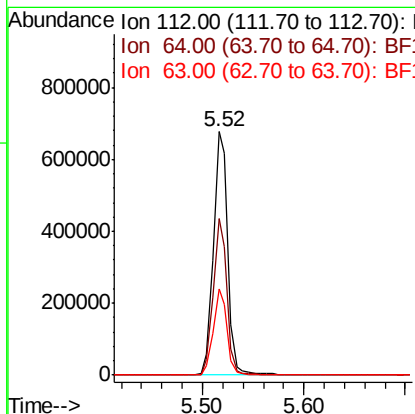
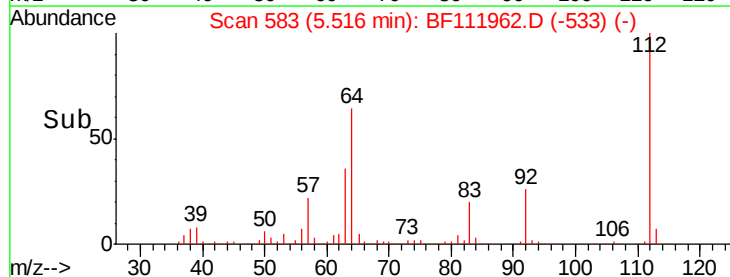
#5

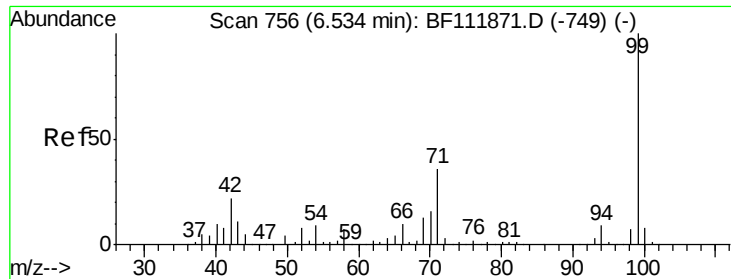
2-Fluorophenol
Concen: 94.586 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111962.D
Acq: 9 Jan 2019 21:04

Tgt Ion:112 Resp: 665920
Ion Ratio Lower Upper
112 100
64 64.3 48.3 72.5
63 35.6 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: 92.602 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111962.D

Acq: 9 Jan 2019 21:04

Instrument :

BNA_F

ClientSampleId :

CPSB-08(20-25)

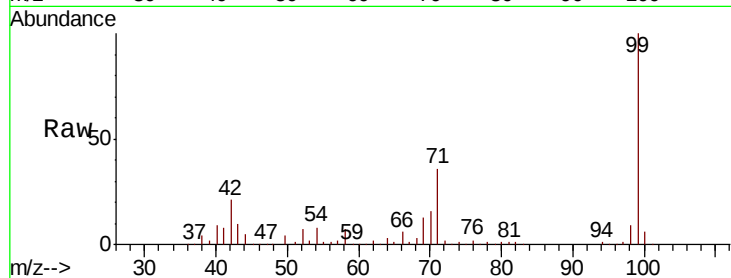
Tot Ion: 99 Resp: 840287

Ion Ratio Lower Upper

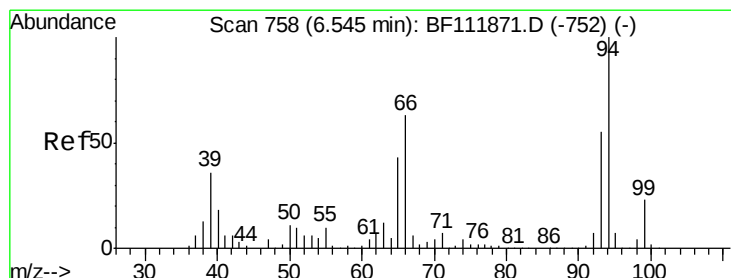
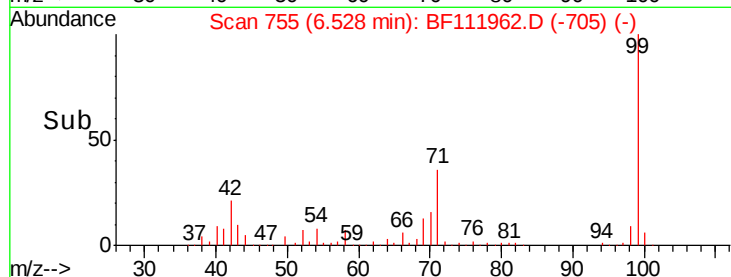
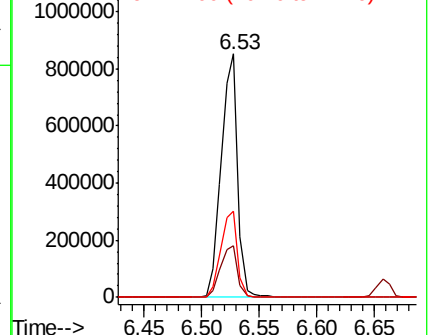
99 100

42 21.2 17.9 26.9

71 35.5 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: 7.163 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111962.D

Acq: 9 Jan 2019 21:04

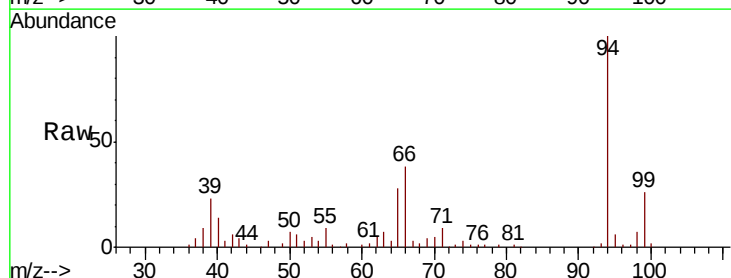
Tgt Ion: 94 Resp: 70643

Ion Ratio Lower Upper

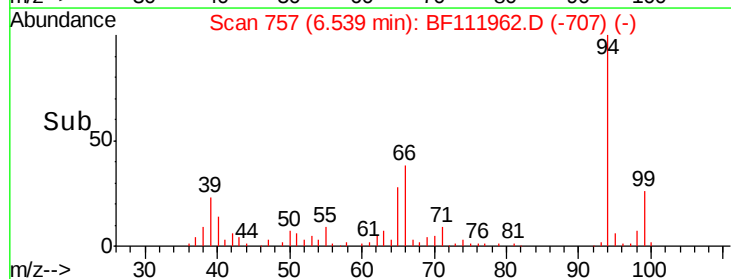
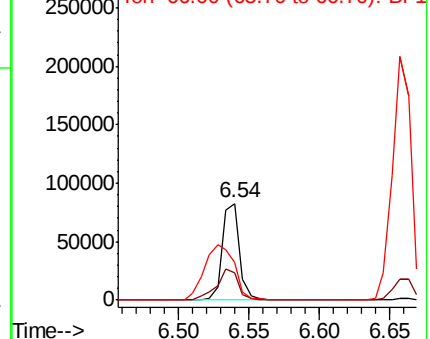
94 100

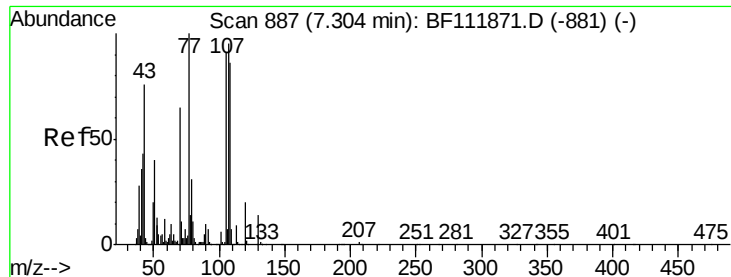
65 28.3 22.8 62.8

66 38.5 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: 13.360 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF111962.D

Acq: 9 Jan 2019 21:04

Instrument :

BNA_F

ClientSampleId :

CPSB-08(20-25)

Tot Ion:107 Resp: 104471

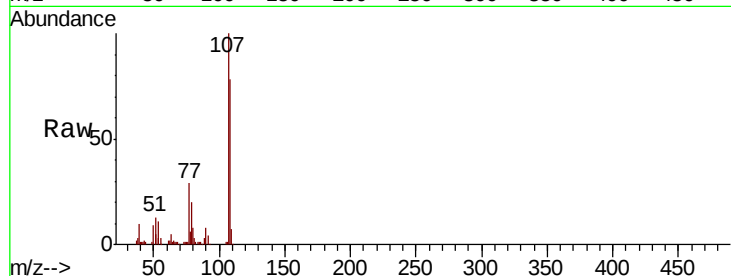
Ion Ratio Lower Upper

107 100

108 77.9 71.1 111.1

77 28.8 85.4 125.4#

79 20.3 12.4 52.4

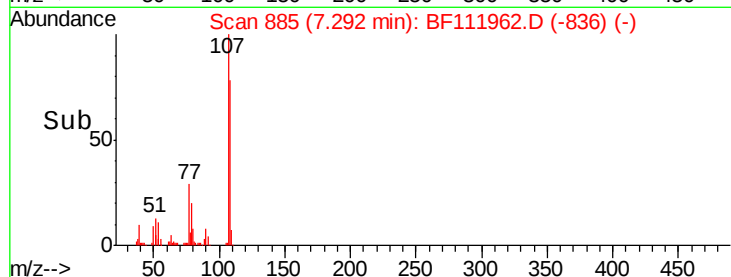


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Abundance

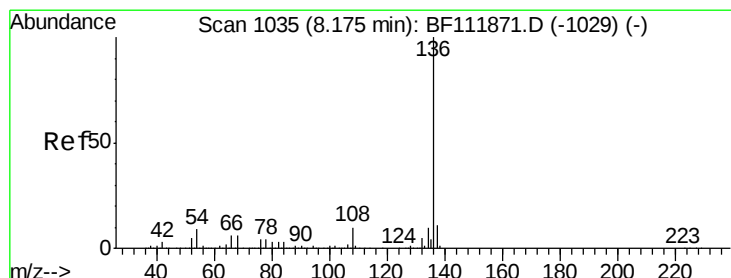
7.29

100000

50000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111962.D

Acq: 9 Jan 2019 21:04

Tgt Ion:136 Resp: 428482

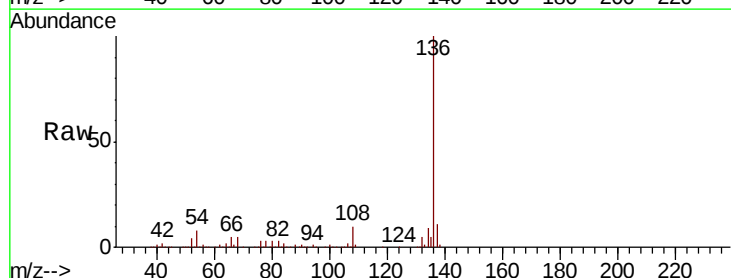
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.9 7.2 10.8

68 4.9 4.4 6.6

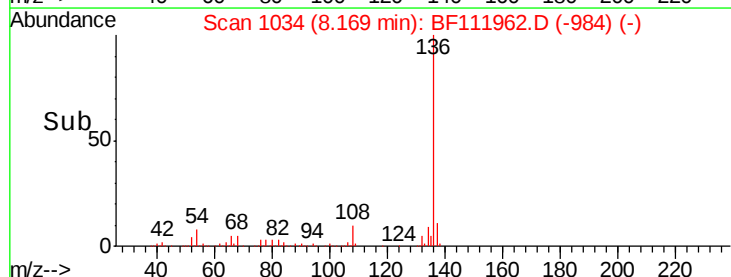


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

8.17

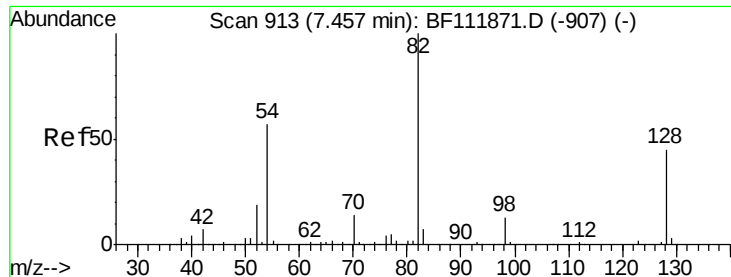
600000

400000

200000

0

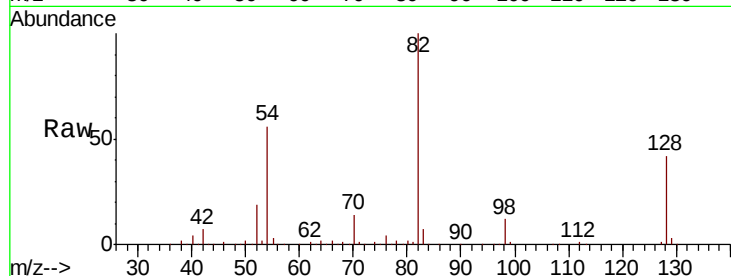
Time-->



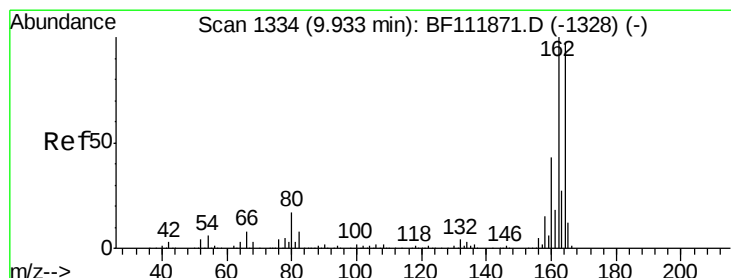
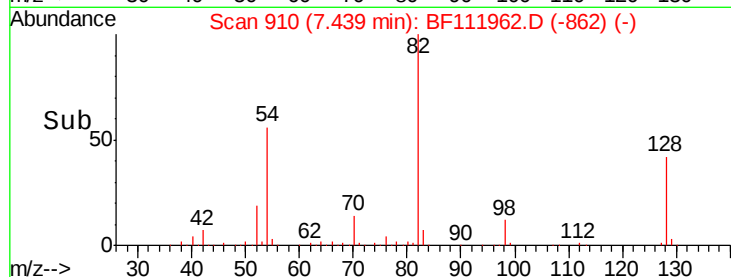
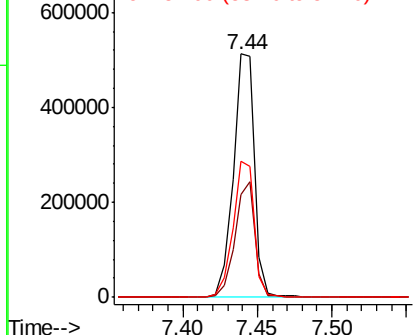
#23
 Nitrobenzene-d5
 Concen: 64.270 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF111962.D
 Acq: 9 Jan 2019 21:04

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

Tot Ion: 82 Resp: 515264
 Ion Ratio Lower Upper
 82 100
 128 42.4 35.7 53.5
 54 55.7 45.8 68.8

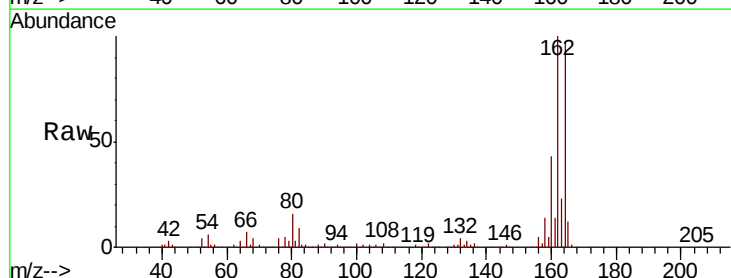


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

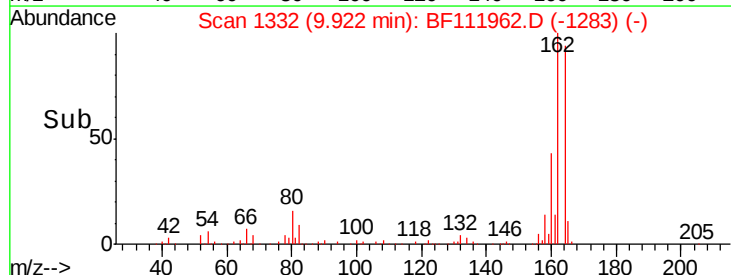
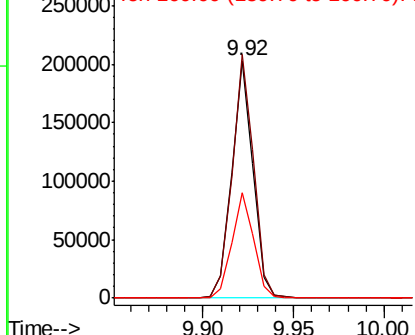


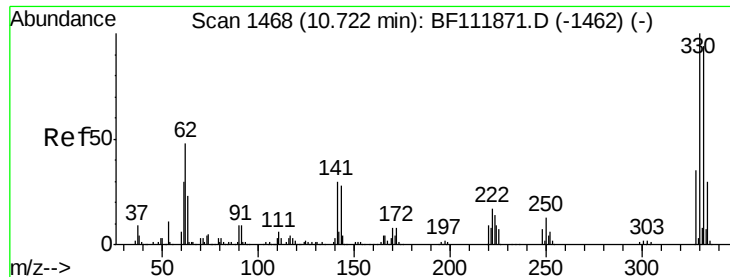
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF111962.D
 Acq: 9 Jan 2019 21:04

Tgt Ion: 164 Resp: 165909
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.2 123.2
 160 44.4 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

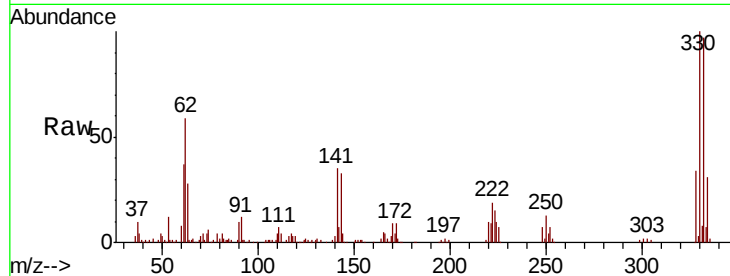




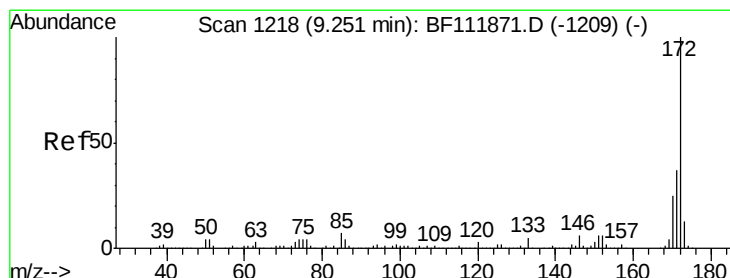
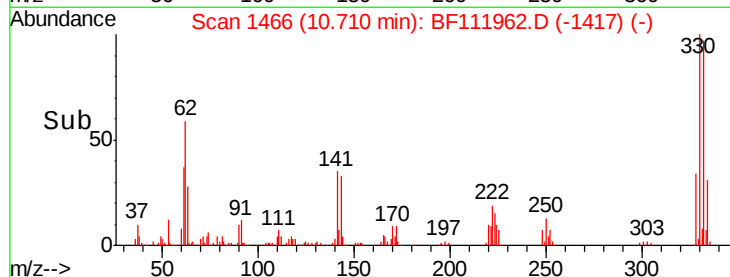
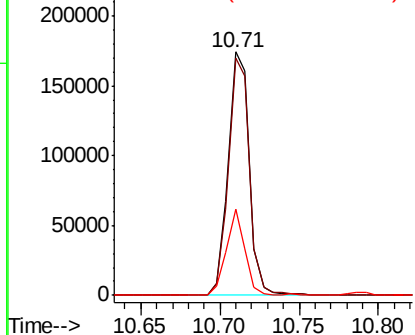
#42
 2,4,6-Tribromophenol
 Concen: 74.964 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111962.D
 Acq: 9 Jan 2019 21:04

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

Tot Ion:330 Resp: 161771
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.9 115.3
 141 31.2 23.7 35.5

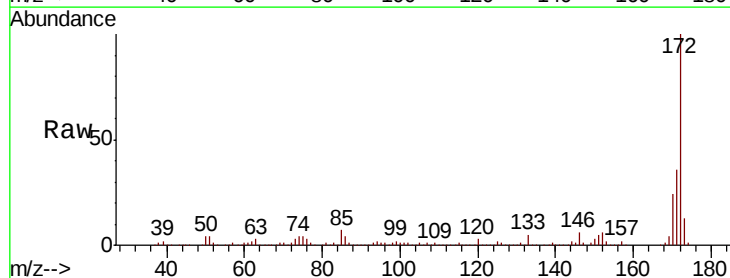


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

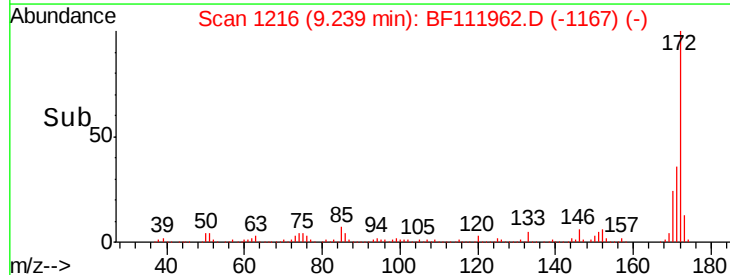
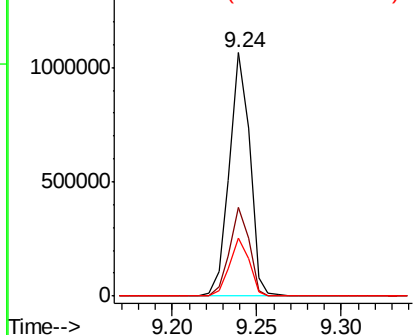


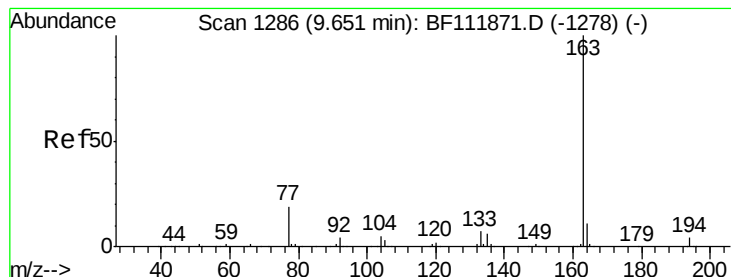
#45
 2-Fluorobiphenyl
 Concen: 78.594 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111962.D
 Acq: 9 Jan 2019 21:04

Tgt Ion:172 Resp: 894216
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.7 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: 7.998 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF111962.D

Acq: 9 Jan 2019 21:04

Instrument :

BNA_F

ClientSampleId :

CPSB-08(20-25)

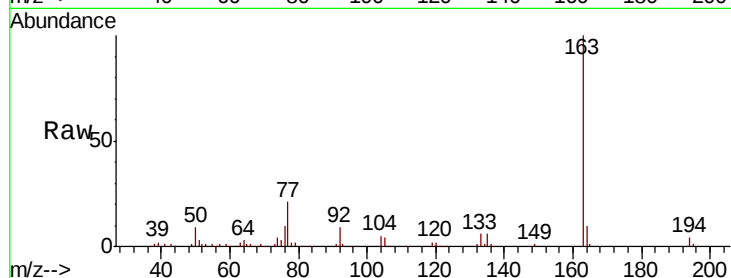
Tot Ion:163 Resp: 99675

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

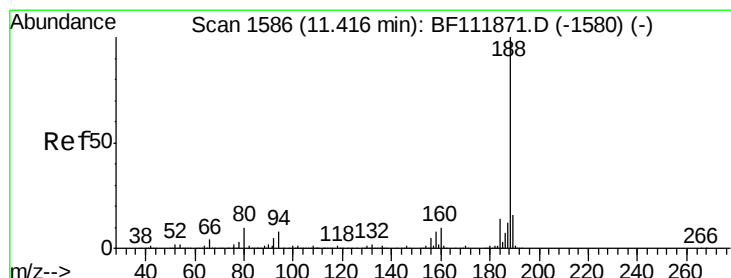
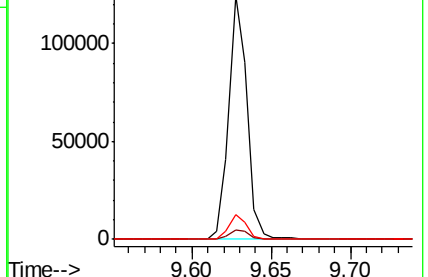
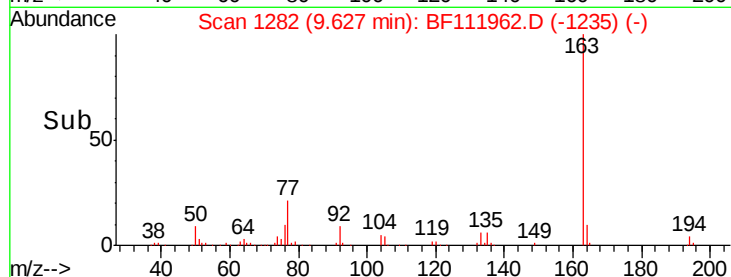
164 10.2 8.5 12.7



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: BF111962.D

Acq: 9 Jan 2019 21:04

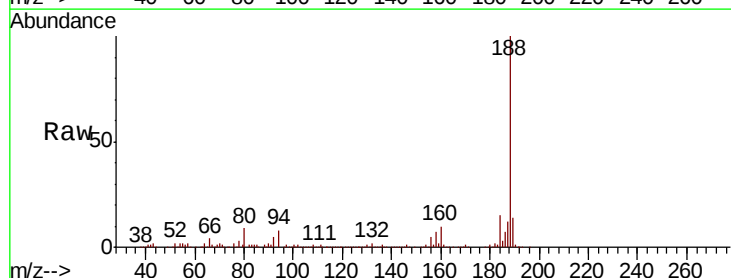
Tgt Ion:188 Resp: 294663

Ion Ratio Lower Upper

188 100

94 7.9 6.6 10.0

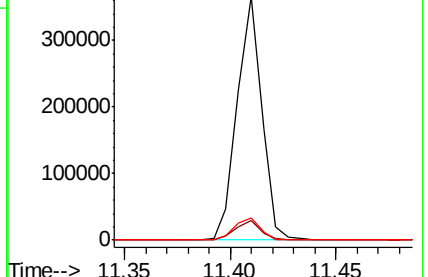
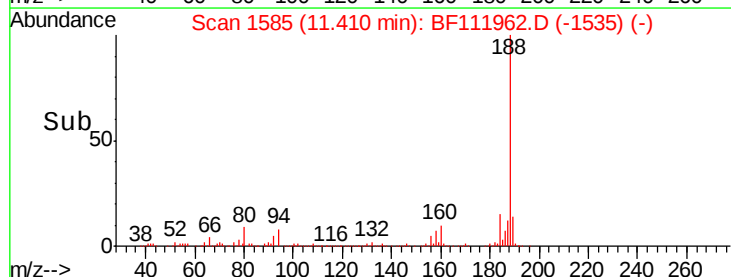
80 8.9 7.7 11.5

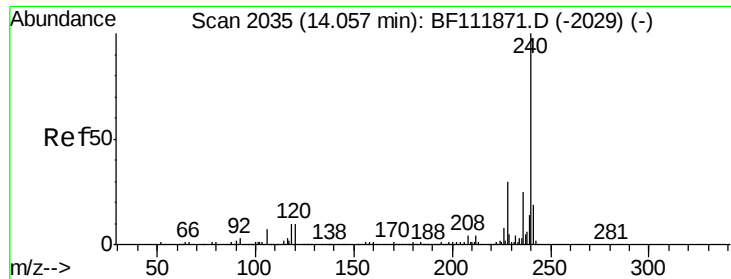


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

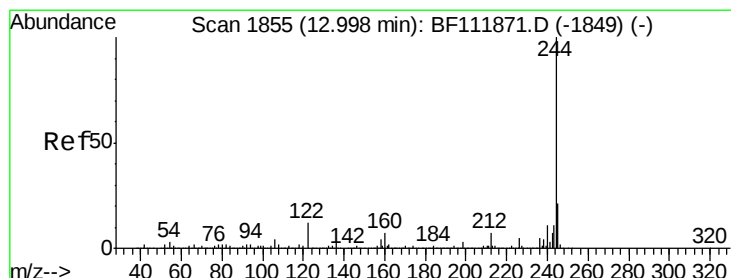
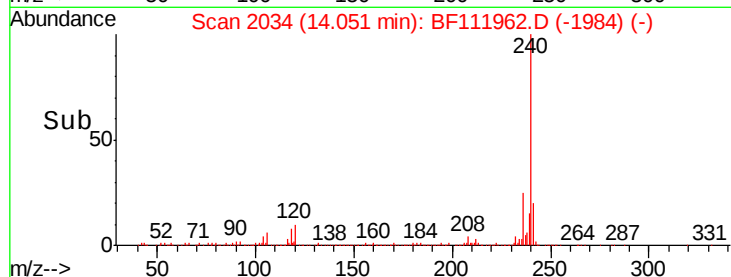
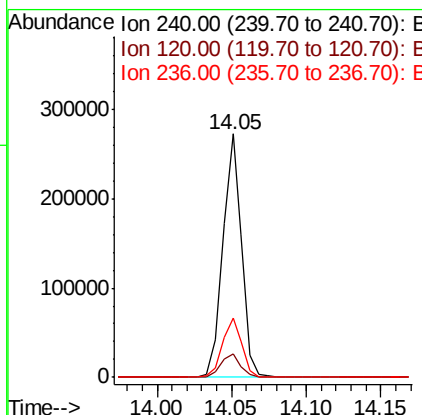
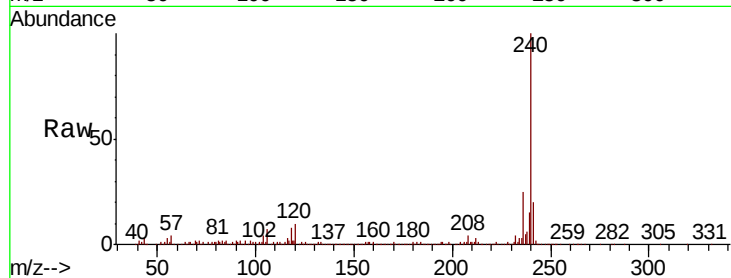




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111962.D
 Acq: 9 Jan 2019 21:04

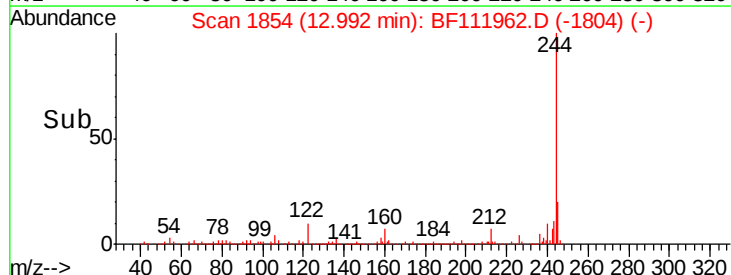
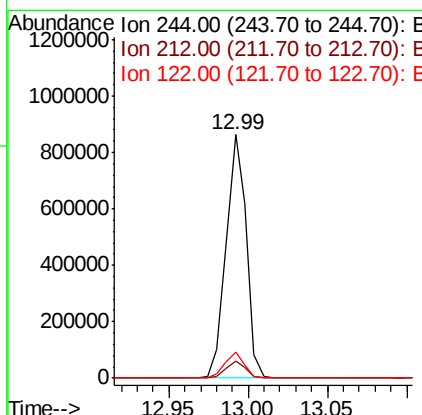
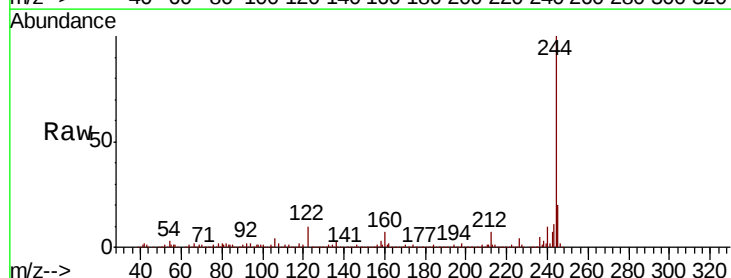
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-08(20-25)

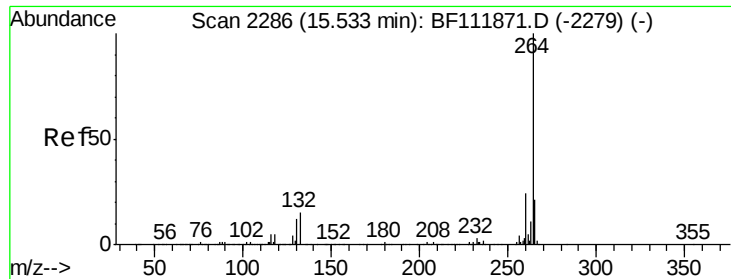
Tot Ion:240 Resp: 241092
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.2 12.2
 236 24.6 20.2 30.4



#79
 Terphenyl-d14
 Concen: 59.477 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111962.D
 Acq: 9 Jan 2019 21:04

Tgt Ion:244 Resp: 755416
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.4 9.5 14.3

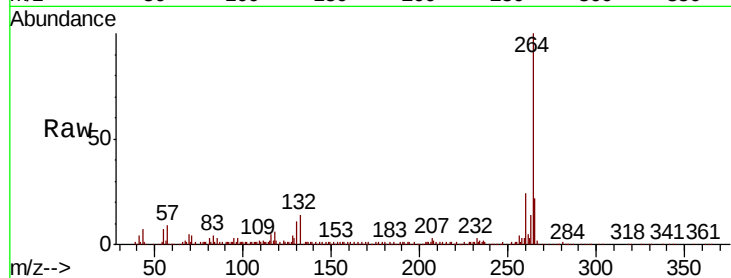




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF111962.D
 Acq: 9 Jan 2019 21:04

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

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.8	19.2	28.8	
265	21.6	17.1	25.7	



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

