

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
 Data File : BF112056.D
 Acq On : 14 Jan 2019 17:46
 Operator : JU/SJ
 Sample : K1135-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(15-20)

Quant Time: Jan 14 21:29:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

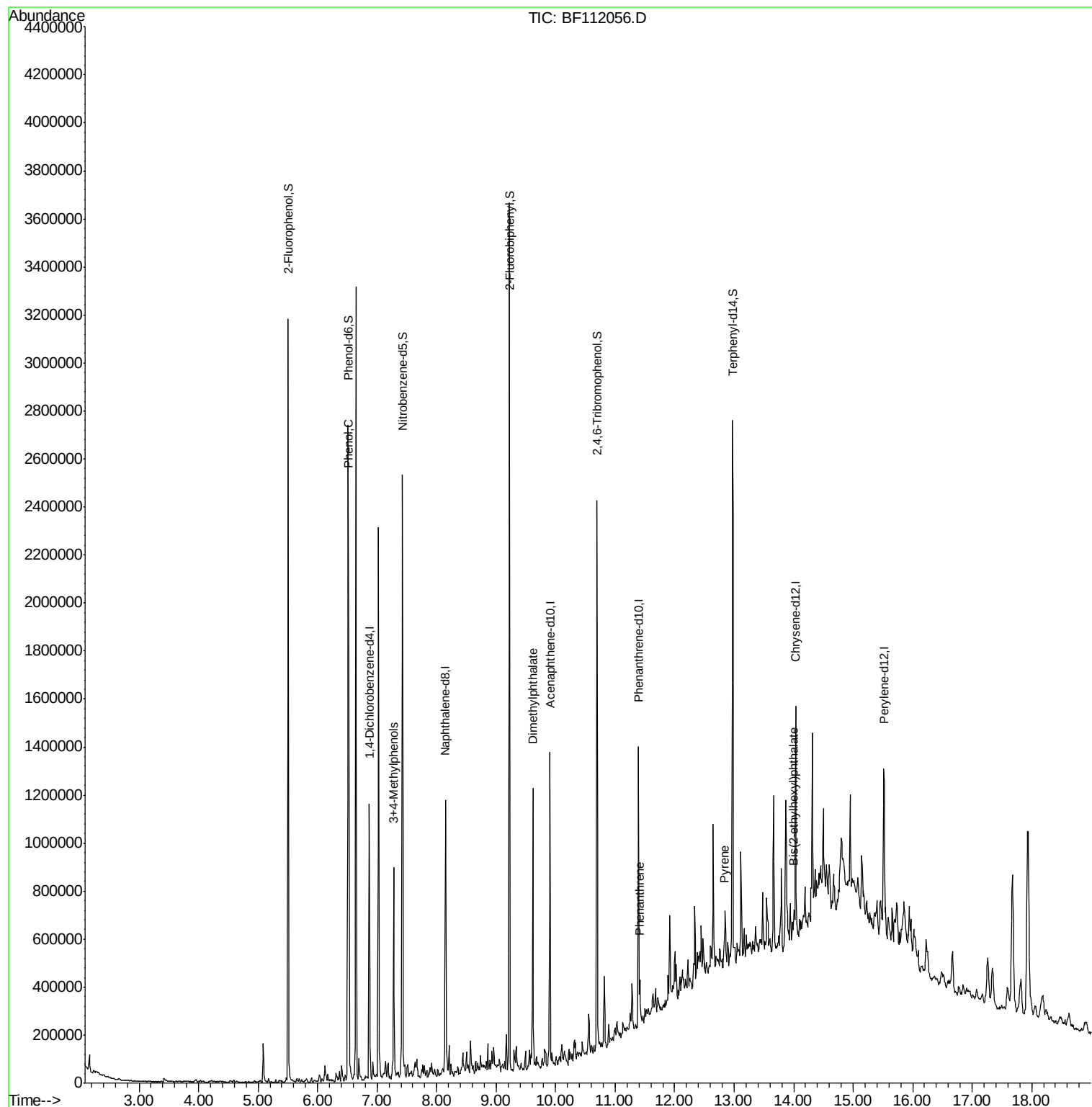
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	163334	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	513605	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	248212	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	405158	20.00	ng	0.00
76) Chrysene-d12	14.03	240	308381	20.00	ng	-0.01
87) Perylene-d12	15.52	264	344698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	825255	86.44	ng	0.00
7) Phenol-d6	6.52	99	985406	80.08	ng	0.00
23) Nitrobenzene-d5	7.43	82	767116	79.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	276143	85.53	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1144125	67.22	ng	-0.01
79) Terphenyl-d14	12.97	244	790759	48.67	ng	-0.01
Target Compounds						
10) Phenol	6.53	94	385632	28.834	ng	78
20) 3+4-Methylphenols	7.28	107	222037	20.939	ng	# 60
50) Dimethylphthalate	9.62	163	406669	21.810	ng	99
71) Phenanthrene	11.42	178	59379	2.741	ng	97
78) Pyrene	12.83	202	47932	2.259	ng	# 91
84) Bis(2-ethylhexyl)phthalate	14.00	149	39247	3.331	ng	97

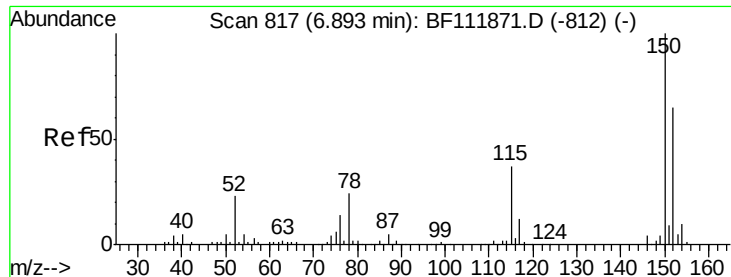
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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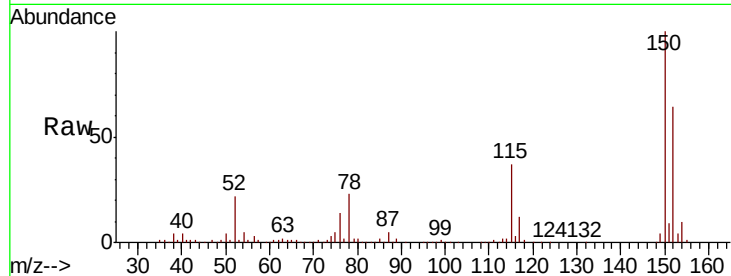


#1

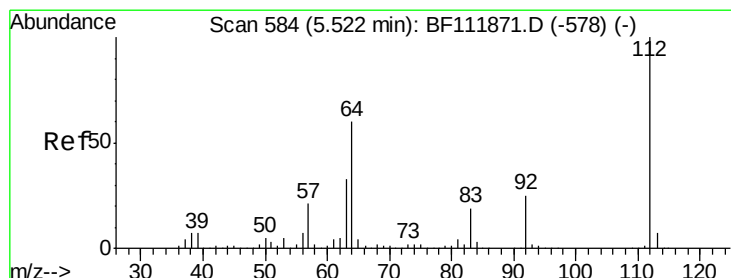
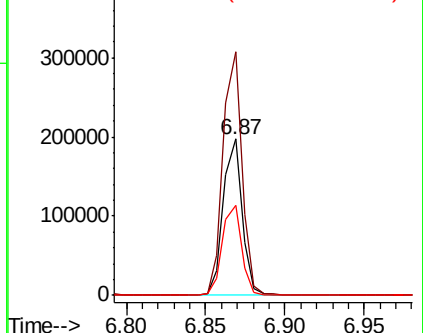
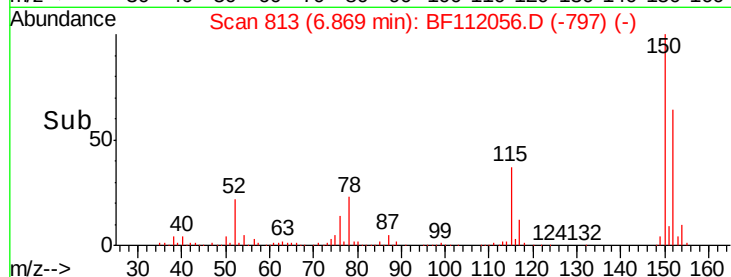
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF112056.D
 Acq: 14 Jan 2019 17:46

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(15-20)

Tot Ion:152 Resp: 163334
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.7 184.1
 115 57.3 45.2 67.8



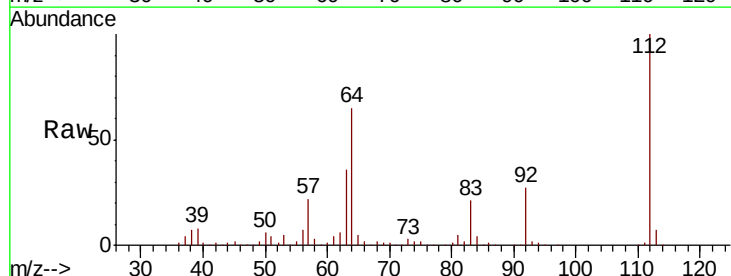
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



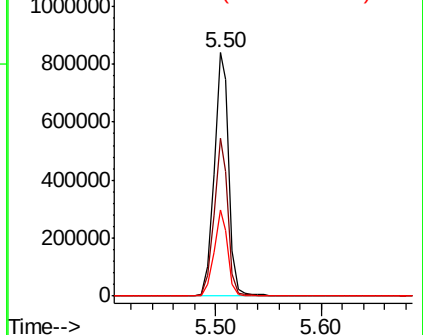
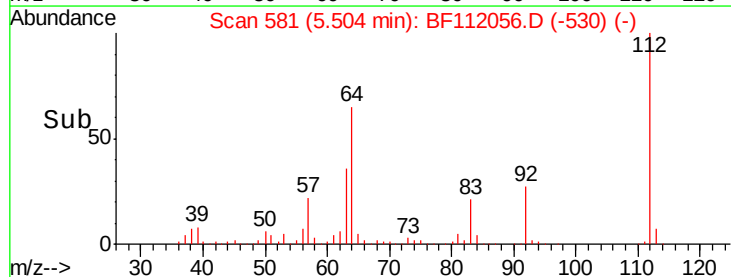
#5

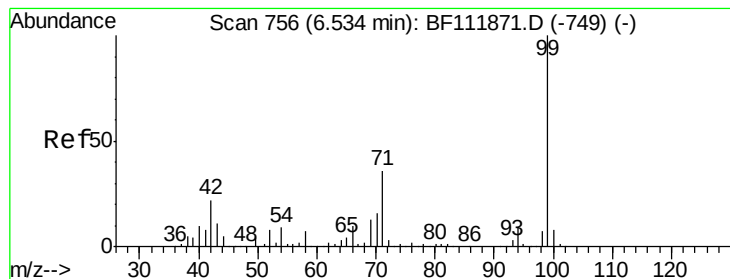
2-Fluorophenol
 Concen: 86.440 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF112056.D
 Acq: 14 Jan 2019 17:46

Tgt Ion:112 Resp: 825255
 Ion Ratio Lower Upper
 112 100
 64 65.1 48.3 72.5
 63 35.5 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: 80.081 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

Instrument :

BNA_F

ClientSampleId :

CPSB-19(15-20)

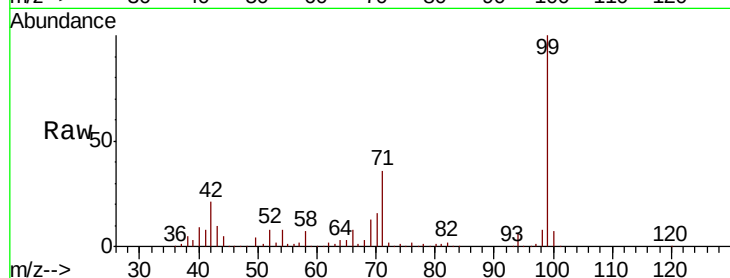
Tot Ion: 99 Resp: 985406

Ion Ratio Lower Upper

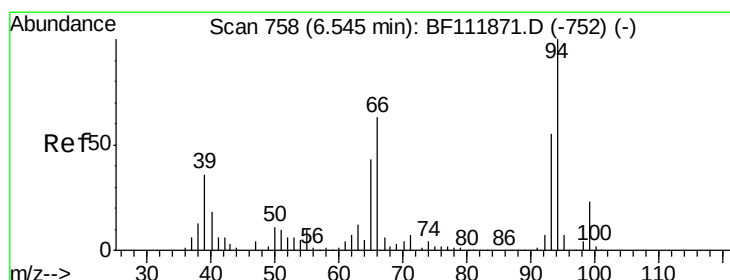
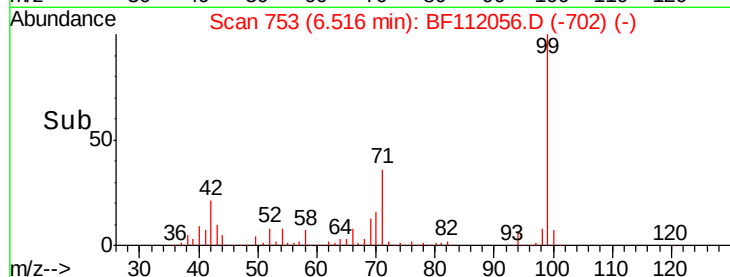
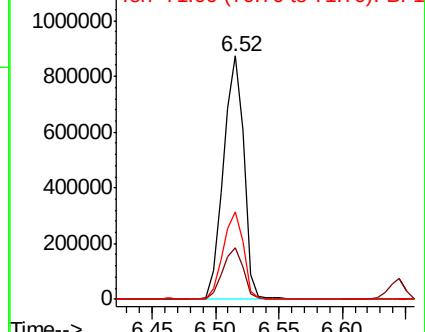
99 100

42 21.5 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: 28.834 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

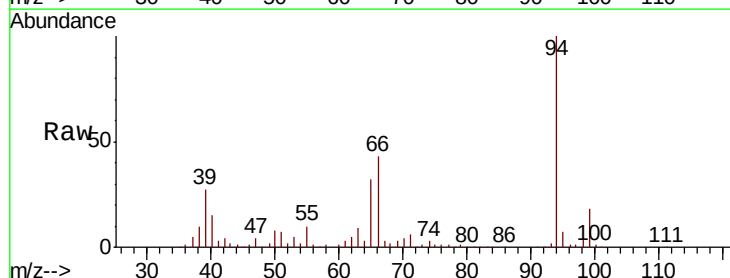
Tgt Ion: 94 Resp: 385632

Ion Ratio Lower Upper

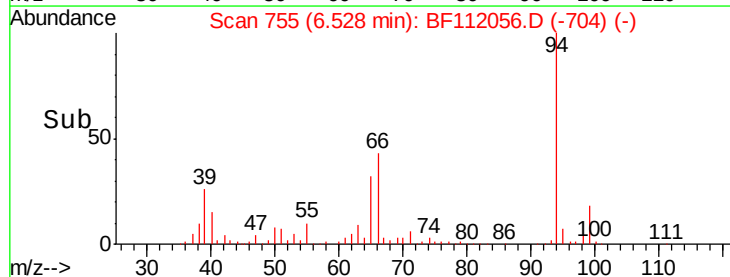
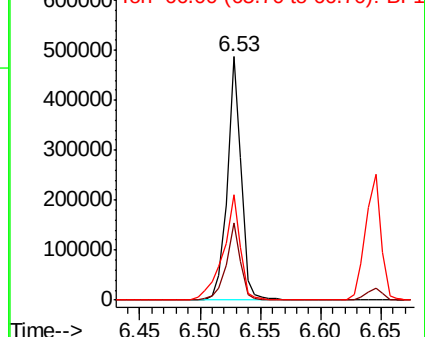
94 100

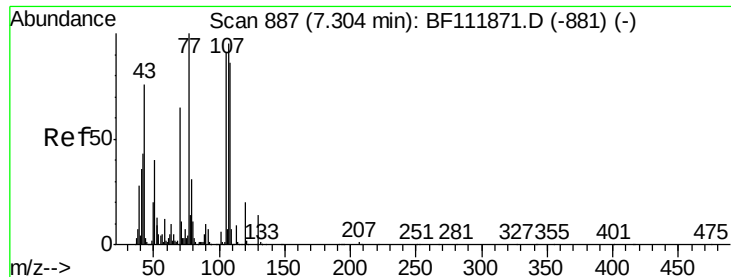
65 32.0 22.8 62.8

66 43.3 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

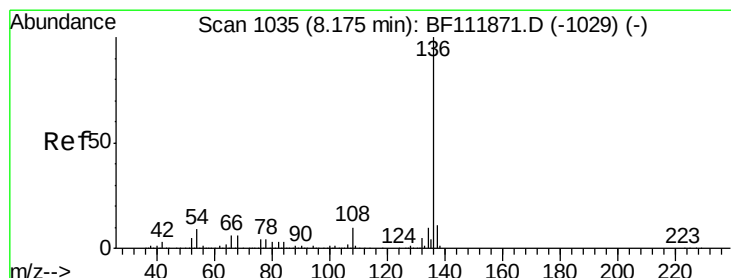
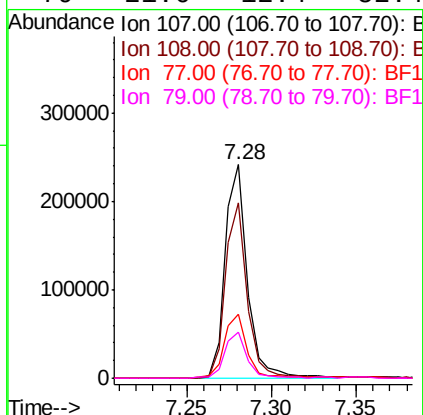
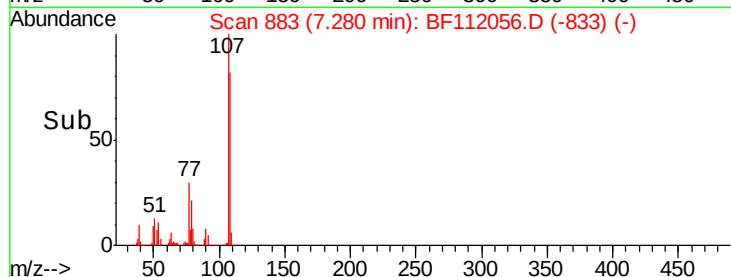
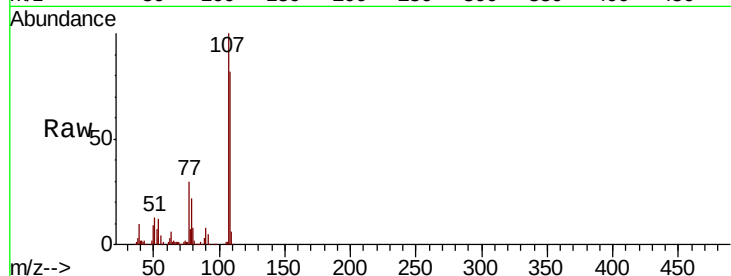




#20
3+4-Methylphenols
Concen: 20.939 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF112056.D
Acq: 14 Jan 2019 17:46

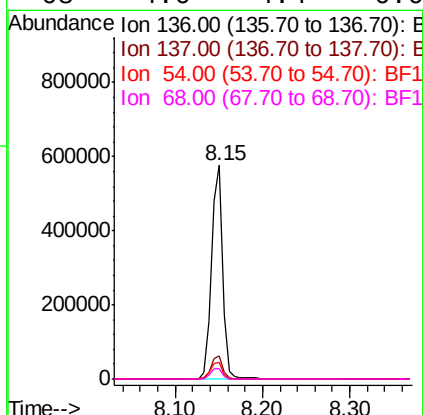
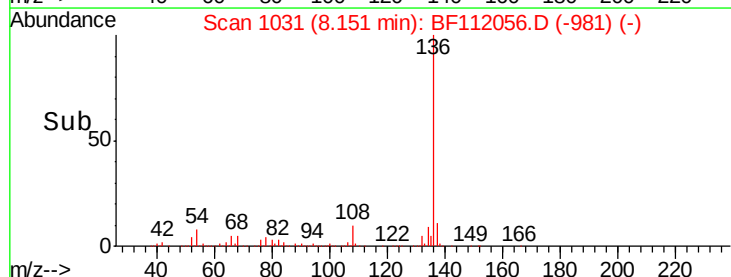
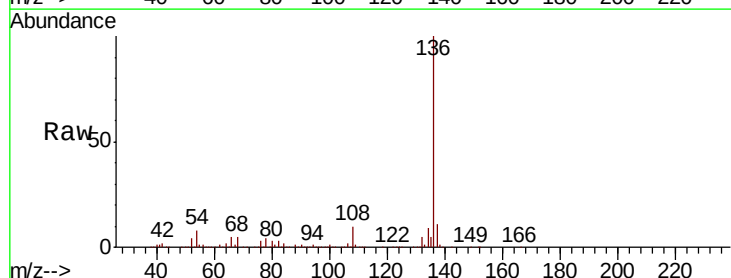
Instrument :
BNA_F
ClientSampleId :
CPSB-19(15-20)

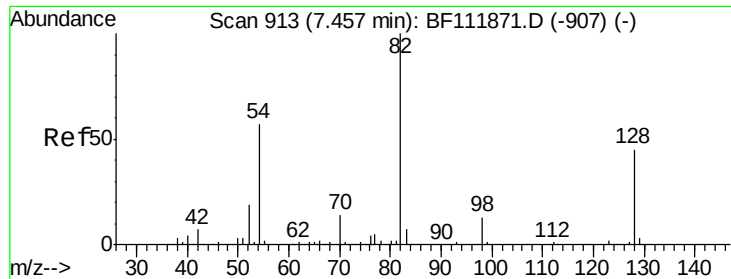
Tot Ion:	107	Resp:	222037
Ion	Ratio	Lower	Upper
107	100		
108	82.2	71.1	111.1
77	30.0	85.4	125.4#
79	21.6	12.4	52.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112056.D
Acq: 14 Jan 2019 17:46

Tgt Ion:	136	Resp:	513605
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	7.7	7.2	10.8
68	4.6	4.4	6.6

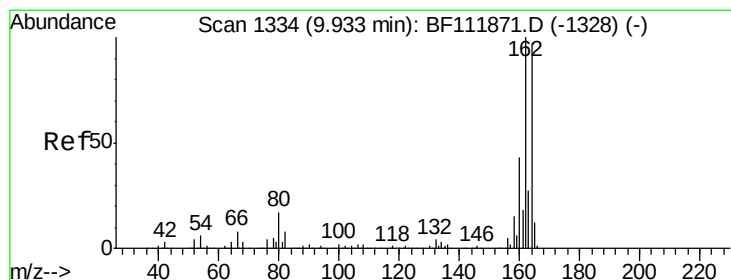
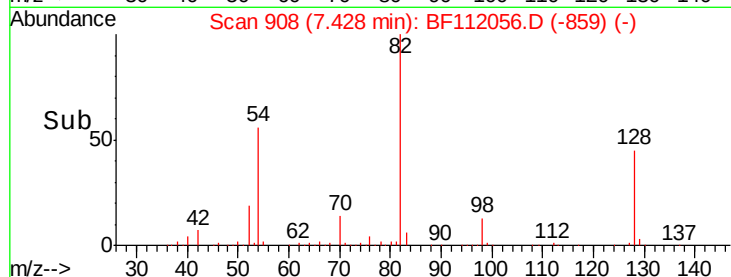
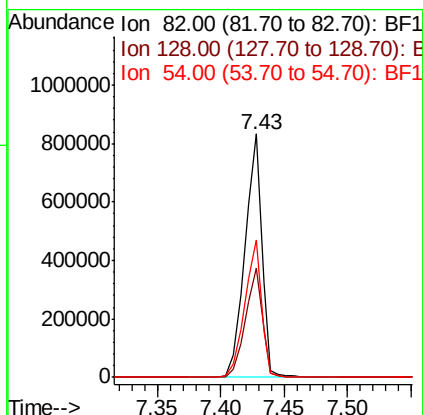
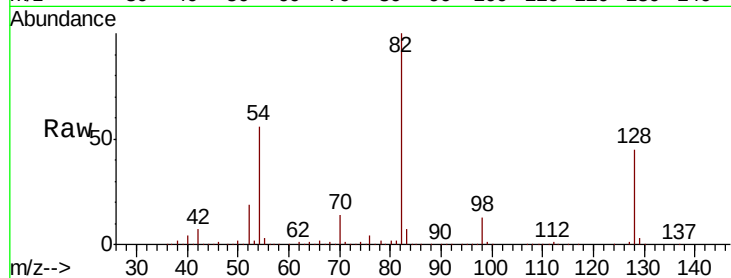




#23
 Nitrobenzene-d5
 Concen: 79.825 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF112056.D
 Acq: 14 Jan 2019 17:46

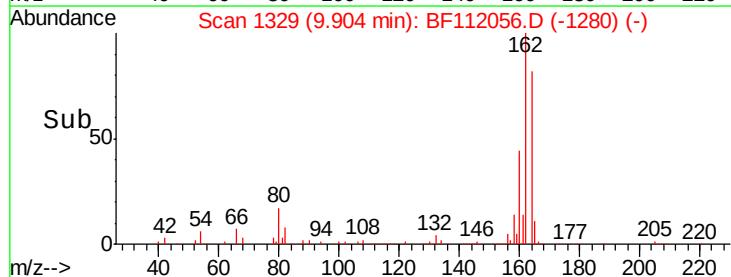
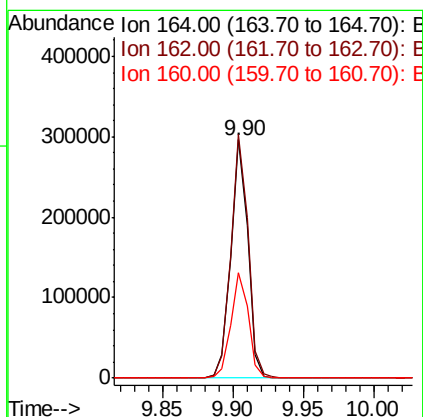
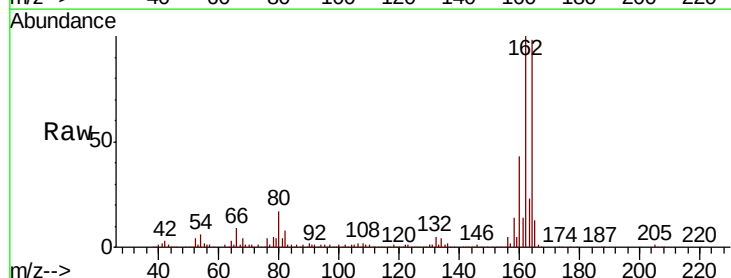
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(15-20)

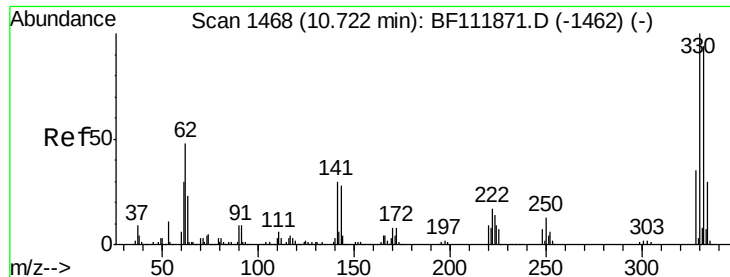
Tot Ion: 82 Resp: 767116
 Ion Ratio Lower Upper
 82 100
 128 45.0 35.7 53.5
 54 56.3 45.8 68.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF112056.D
 Acq: 14 Jan 2019 17:46

Tgt Ion:164 Resp: 248212
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.2 123.2
 160 44.2 35.5 53.3

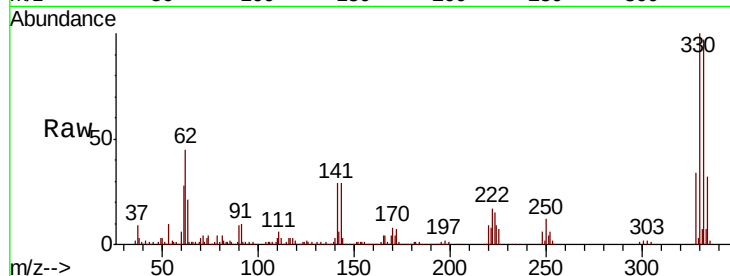




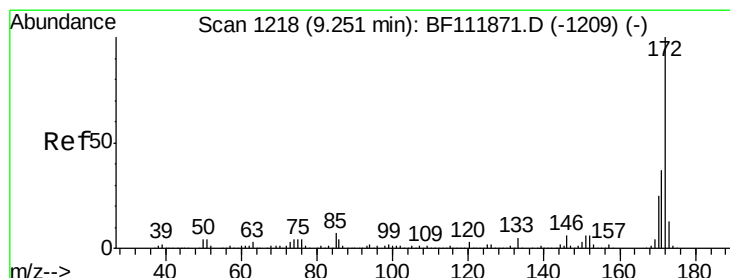
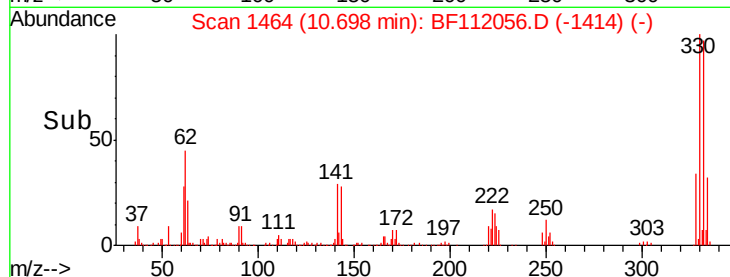
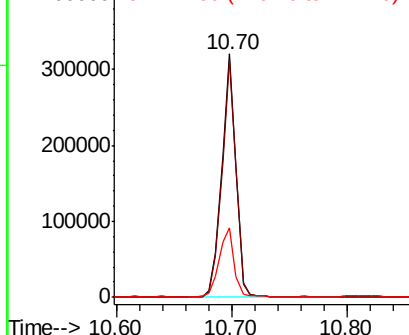
#42
 2,4,6-Tribromophenol
 Concen: 85.533 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF112056.D
 Acq: 14 Jan 2019 17:46

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(15-20)

Tot Ion:330 Resp: 276143
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.9 115.3
 141 29.4 23.7 35.5

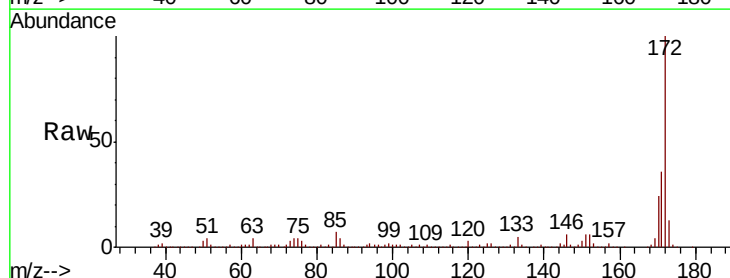


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

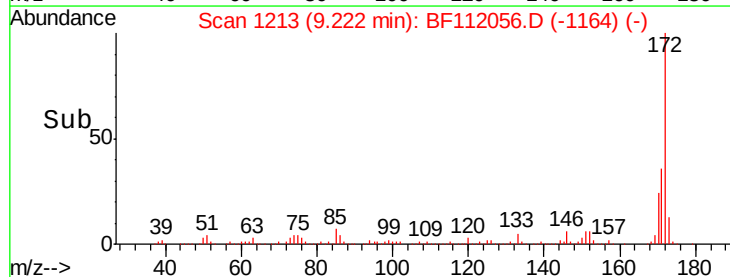
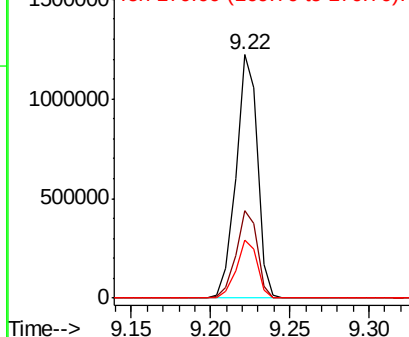


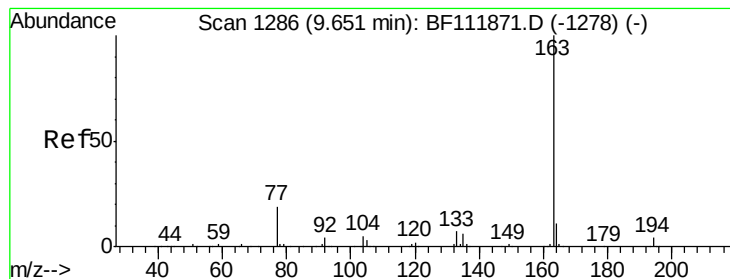
#45
 2-Fluorobiphenyl
 Concen: 67.215 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF112056.D
 Acq: 14 Jan 2019 17:46

Tgt Ion:172 Resp: 1144125
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.9 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: 21.810 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

Instrument :

BNA_F

ClientSampleId :

CPSB-19(15-20)

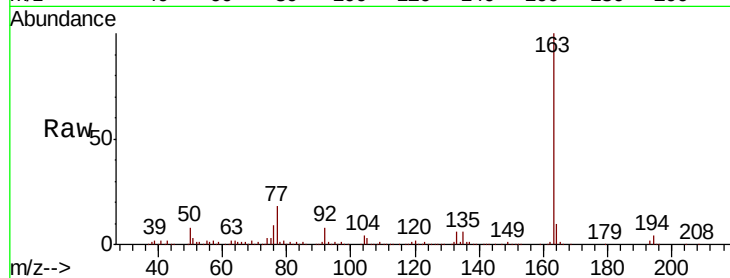
Tot Ion:163 Resp: 406669

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

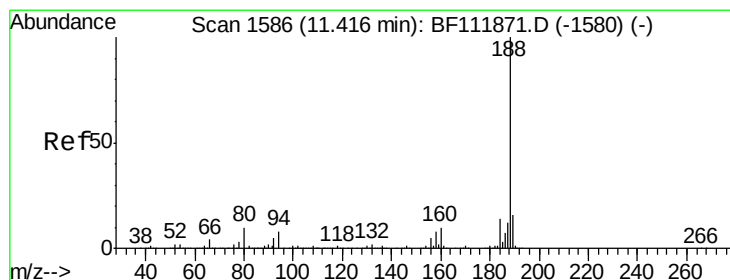
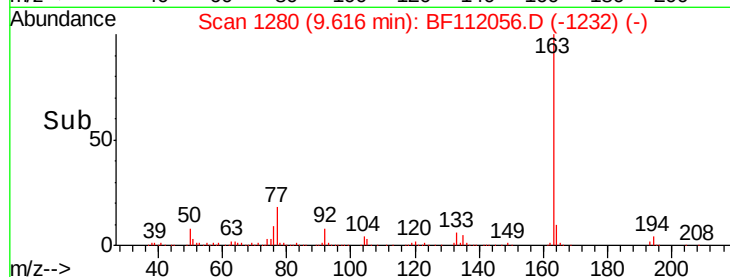
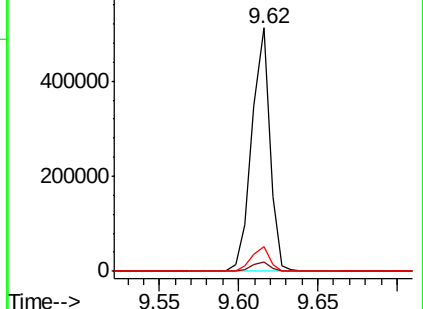
164 10.0 8.5 12.7



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: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

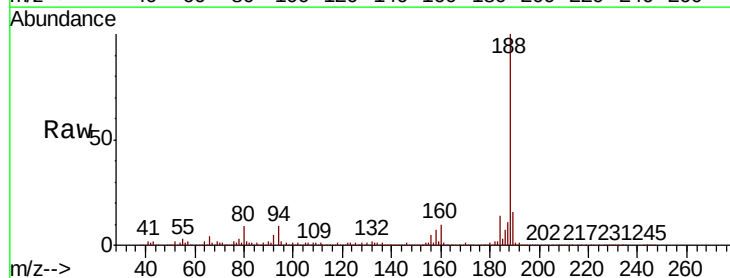
Tgt Ion:188 Resp: 405158

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

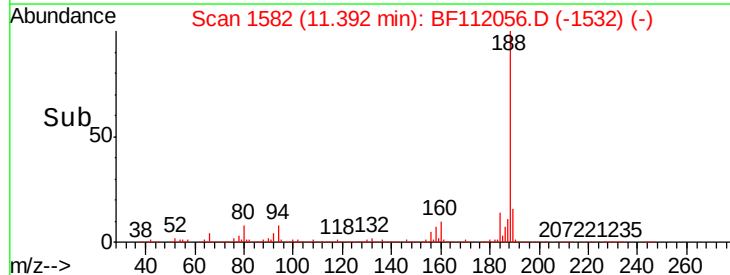
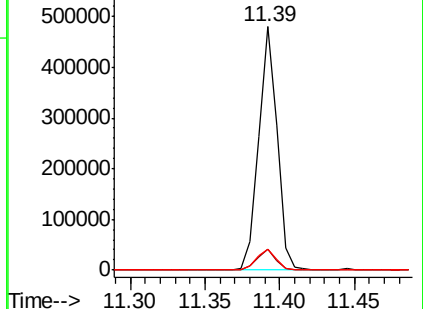
80 8.6 7.7 11.5

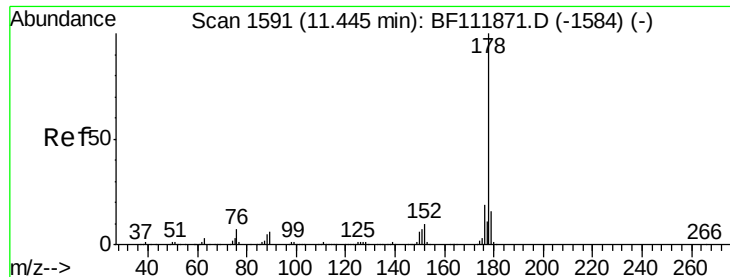


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.741 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

Instrument :

BNA_F

ClientSampleId :

CPSB-19(15-20)

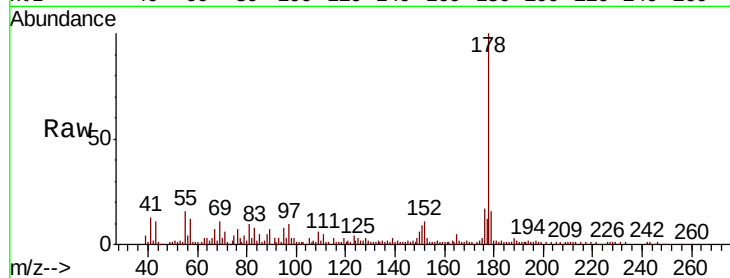
Tot Ion:178 Resp: 59379

Ion Ratio Lower Upper

178 100

176 16.8 15.6 23.4

179 15.8 12.6 18.8

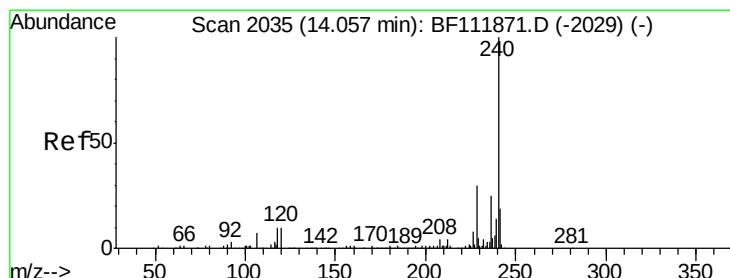
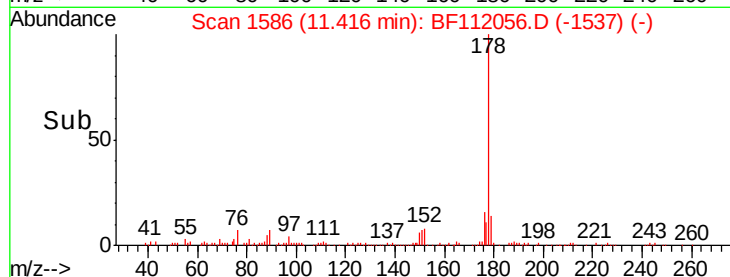
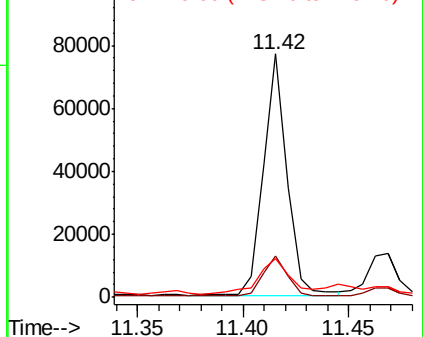


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

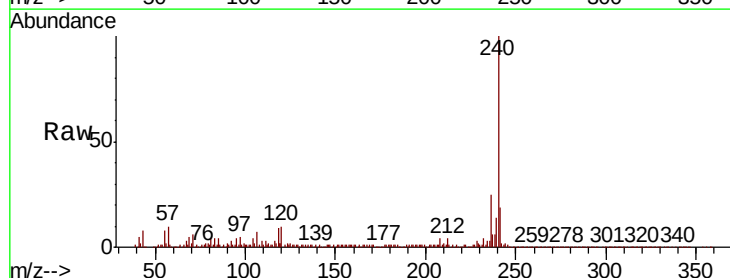
Tgt Ion:240 Resp: 308381

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 24.8 20.2 30.4

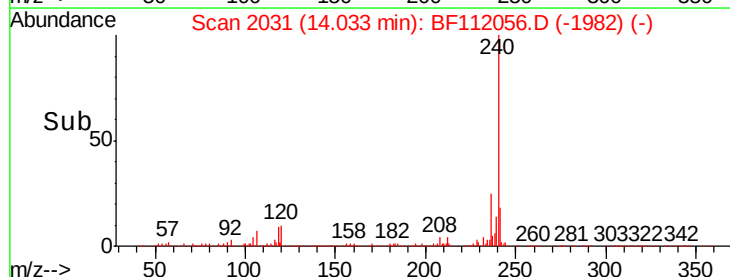
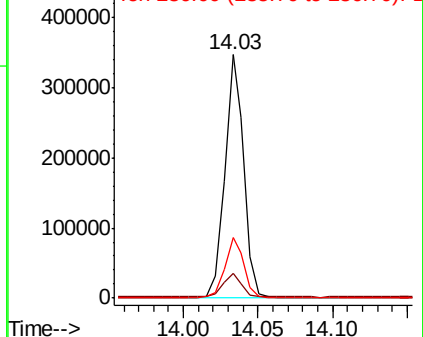


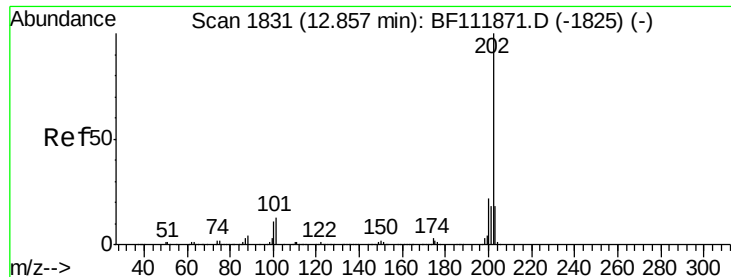
Abundance

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

Pvrene

Concen: 2.259 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

Instrument :

BNA_F

ClientSampleId :

CPSB-19(15-20)

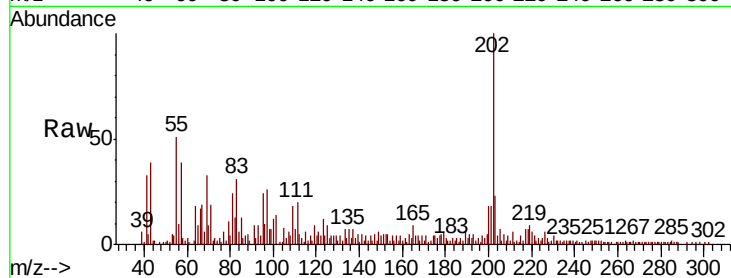
Tot Ion:202 Resp: 47932

Ion Ratio Lower Upper

202 100

200 18.3 17.4 26.2

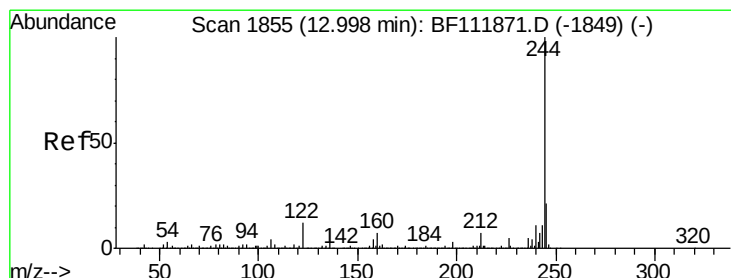
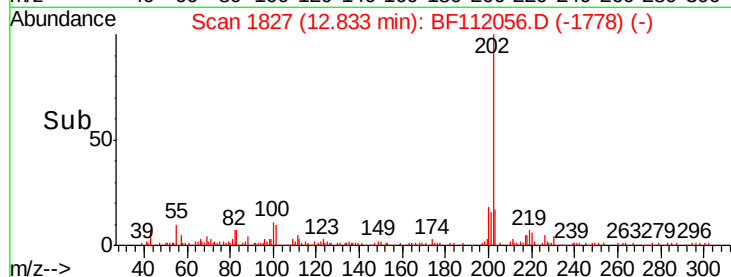
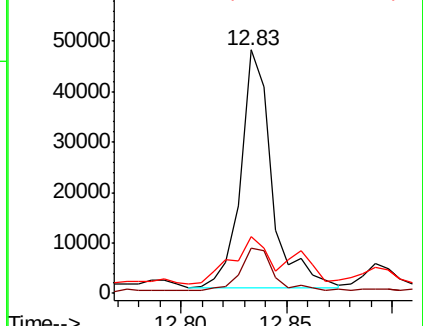
203 23.2 14.6 21.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 48.675 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

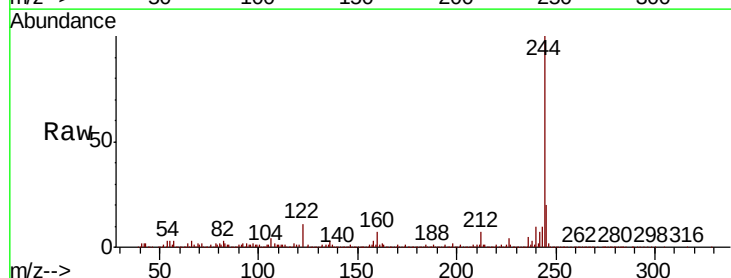
Tgt Ion:244 Resp: 790759

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

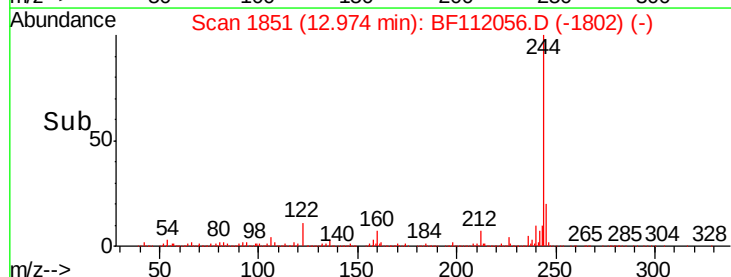
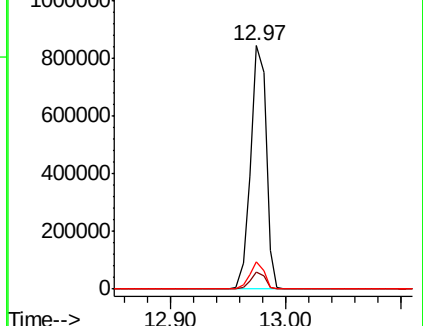
122 11.0 9.5 14.3

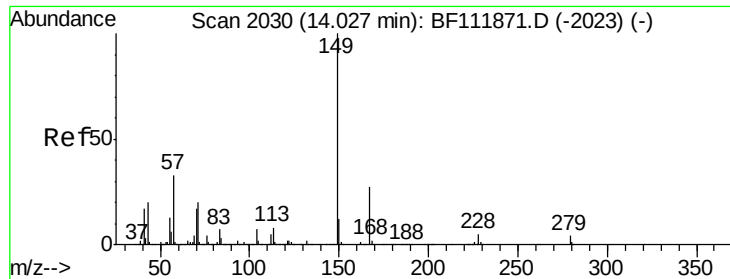


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.331 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

Instrument :

BNA_F

ClientSampleId :

CPSB-19(15-20)

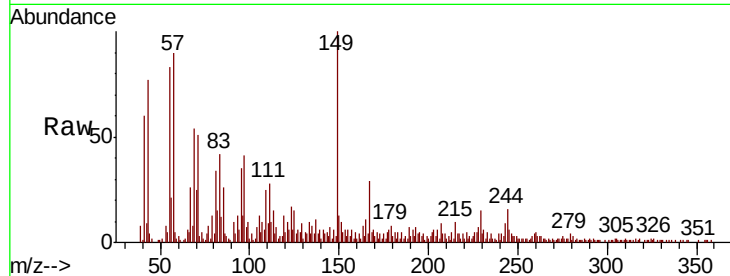
Tot Ion:149 Resp: 39247

Ion Ratio Lower Upper

149 100

167 28.7 21.5 32.3

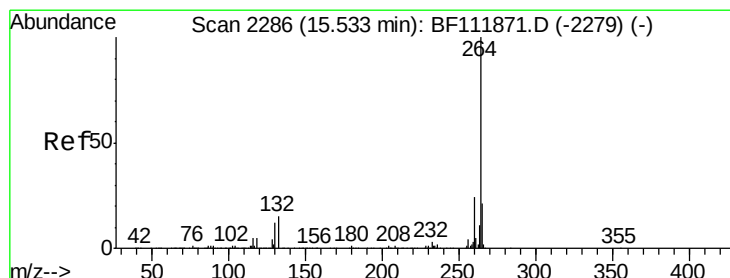
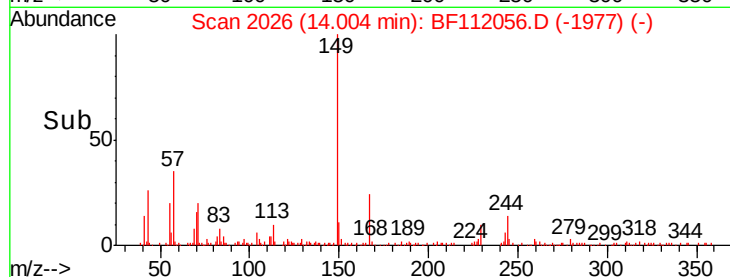
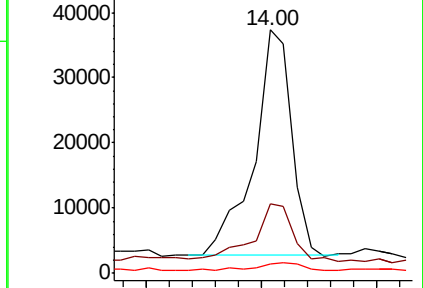
279 4.0 3.0 4.6



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: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF112056.D

Acq: 14 Jan 2019 17:46

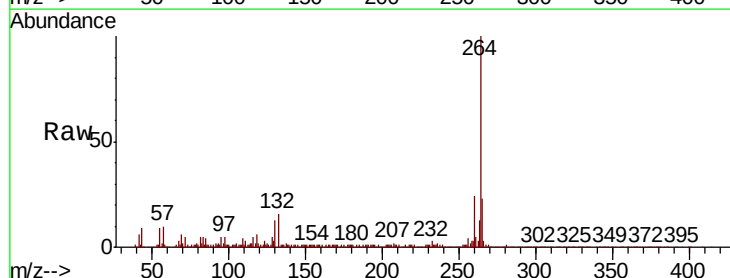
Tgt Ion:264 Resp: 344698

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 23.0 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

