

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
 Data File : BF112064.D
 Acq On : 14 Jan 2019 21:24
 Operator : JU/SJ
 Sample : K1071-03DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-16(10-15)DL

Quant Time: Jan 14 22:31:14 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	113464	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	398635	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	235274	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	367188	20.00	ng	0.00
76) Chrysene-d12	14.03	240	296146	20.00	ng	-0.01
87) Perylene-d12	15.52	264	260314	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	92932	14.01	ng	0.00
7) Phenol-d6	6.51	99	116582	13.64	ng	0.00
23) Nitrobenzene-d5	7.43	82	114603	15.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	29252	9.56	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	153688	9.53	ng	0.00
79) Terphenyl-d14	12.97	244	187371	12.01	ng	-0.01

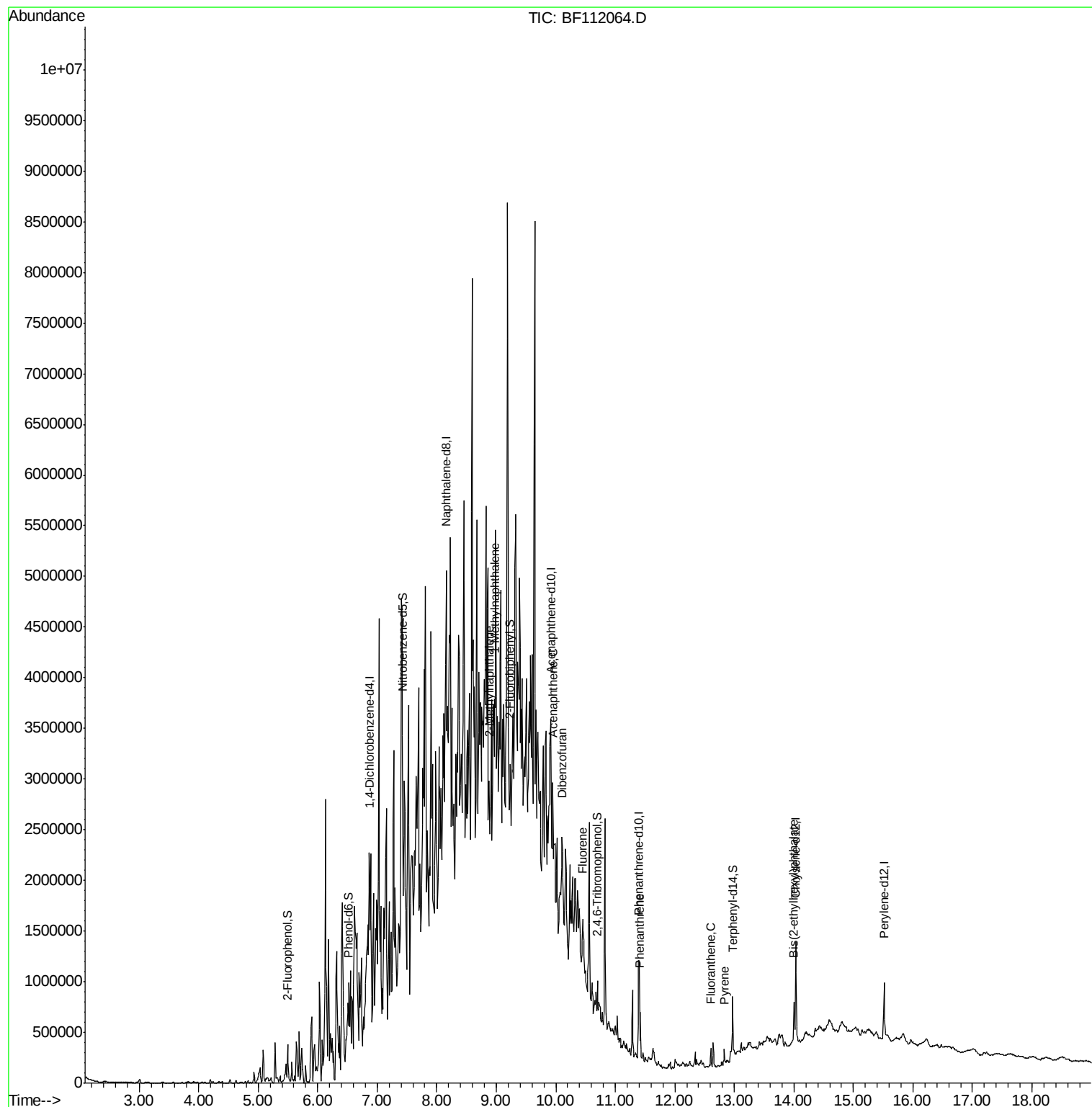
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) 2-Methylnaphthalene	8.88	142	122952	10.486	ng	# 94
38) 1-Methylnaphthalene	8.97	142	149535	13.296	ng	# 99
52) Acenaphthene	9.95	154	48261	3.278	ng	# 74
55) Dibenzofuran	10.12	168	69688	3.255	ng	# 63
58) Fluorene	10.46	166	79495	5.103	ng	# 93
71) Phenanthrene	11.42	178	165445	8.427	ng	98
75) Fluoranthene	12.60	202	76857	3.814	ng	99
78) Pyrene	12.83	202	58161	2.854	ng	97
84) Bis(2-ethylhexyl)phthalate	14.00	149	114742	10.142	ng	99

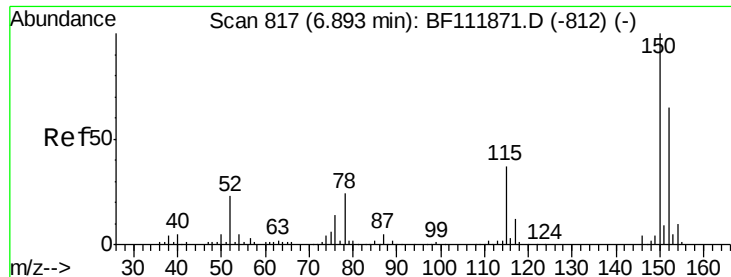
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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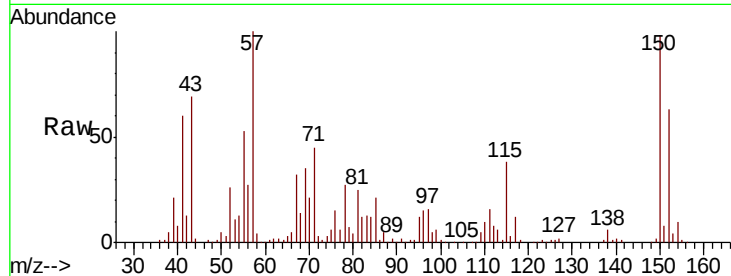


#1

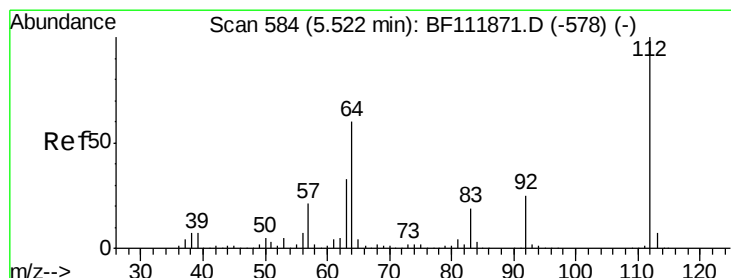
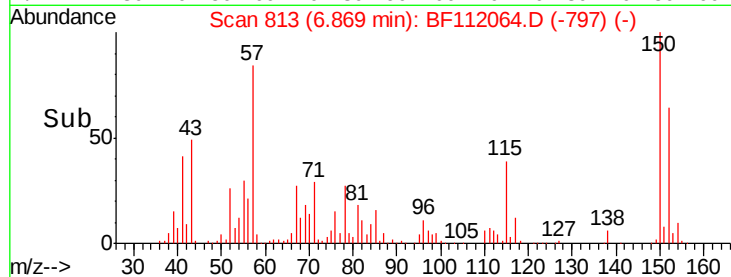
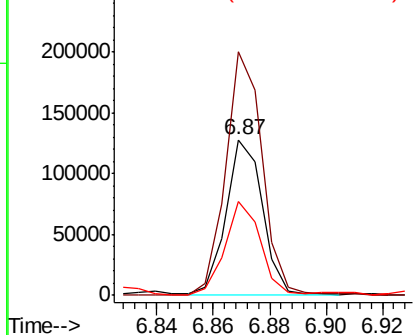
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112064.D
Acq: 14 Jan 2019 21:24

Instrument :
BNA_F
ClientSampleId :
CPSB-16(10-15)DL

Tot Ion:152 Resp: 113464
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 60.4 45.2 67.8



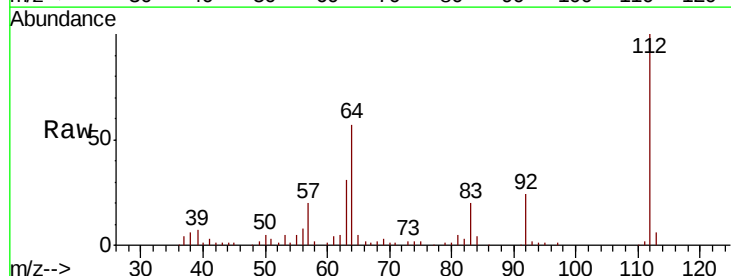
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



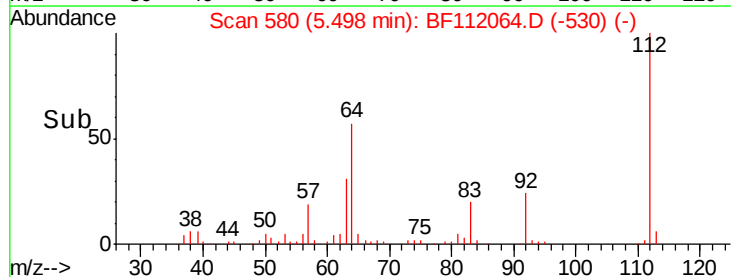
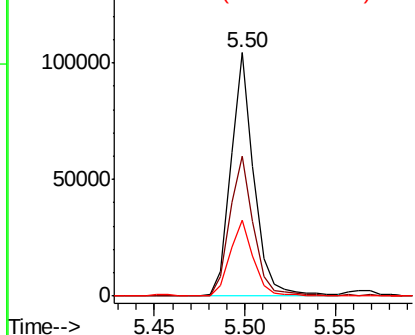
#5

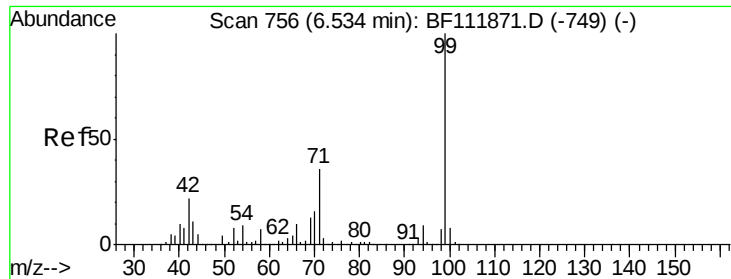
2-Fluorophenol
Concen: 14.012 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF112064.D
Acq: 14 Jan 2019 21:24

Tgt Ion:112 Resp: 92932
Ion Ratio Lower Upper
112 100
64 57.3 48.3 72.5
63 31.4 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: 13.638 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112064.D

Acq: 14 Jan 2019 21:24

Instrument :

BNA_F

ClientSampleId :

CPSB-16(10-15)DL

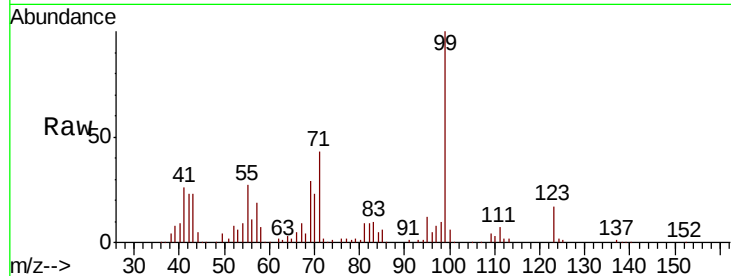
Tot Ion: 99 Resp: 116582

Ion Ratio Lower Upper

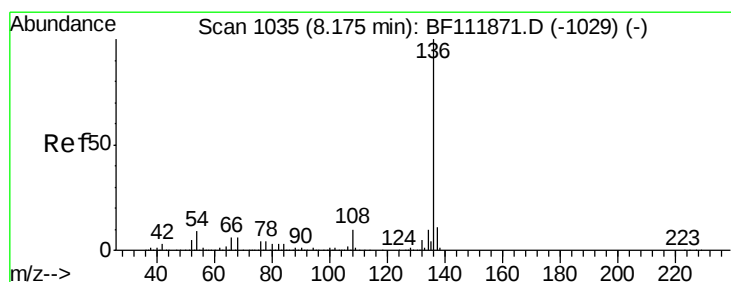
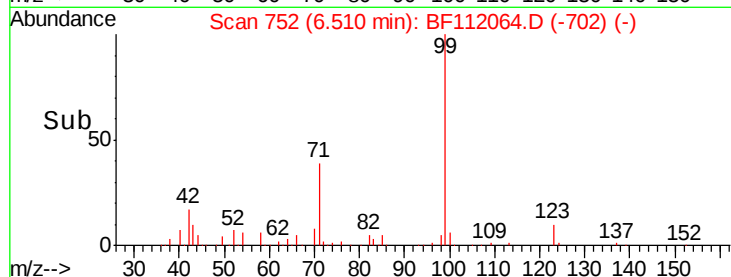
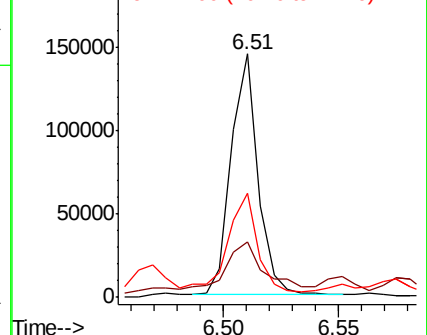
99 100

42 23.0 17.9 26.9

71 42.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF112064.D

Acq: 14 Jan 2019 21:24

Tgt Ion: 136 Resp: 398635

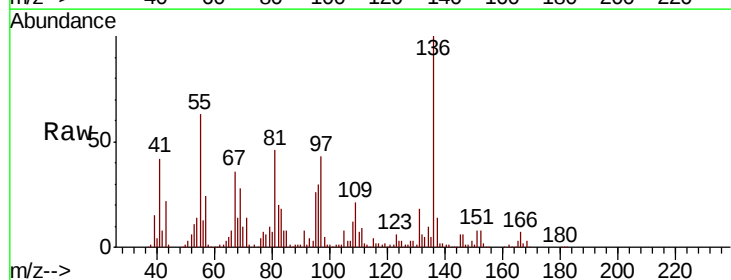
Ion Ratio Lower Upper

136 100

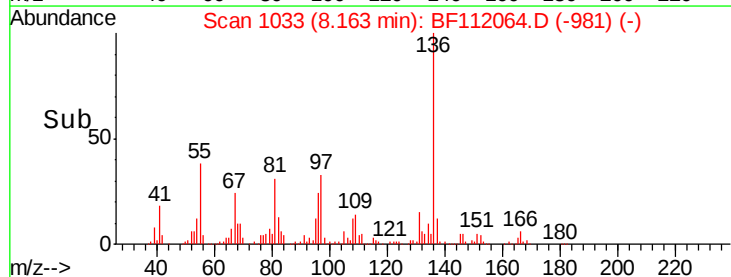
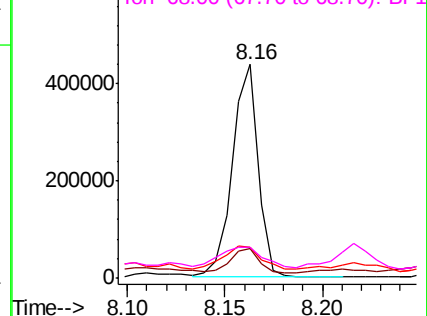
137 14.0 9.1 13.7#

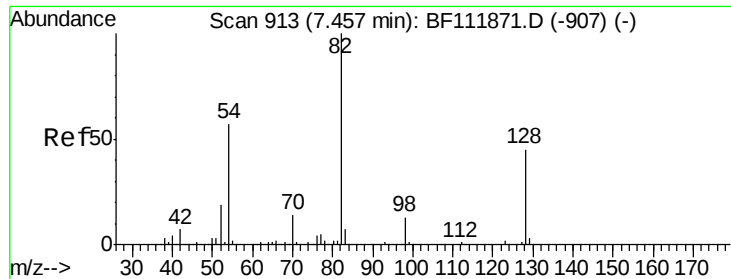
54 14.4 7.2 10.8#

68 14.2 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

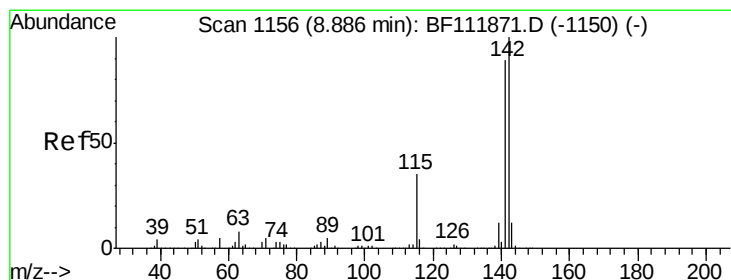
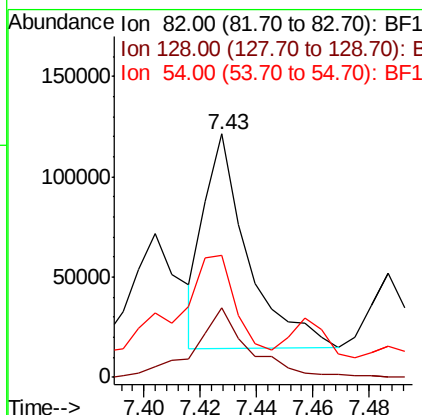
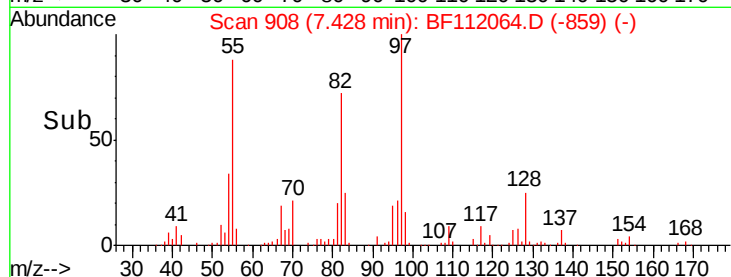
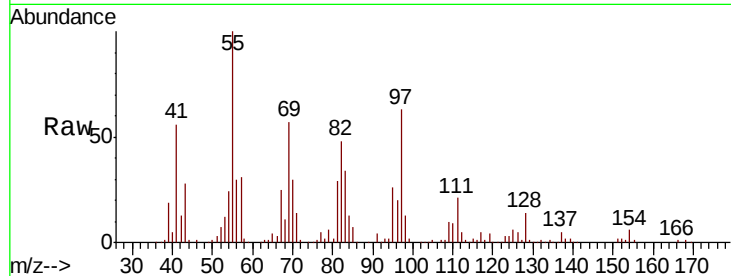




#23
 Nitrobenzene-d5
 Concen: 15.365 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF112064.D
 Acq: 14 Jan 2019 21:24

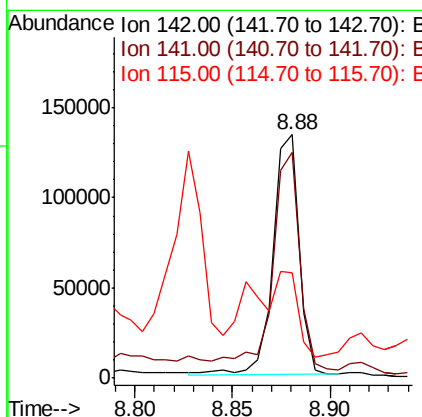
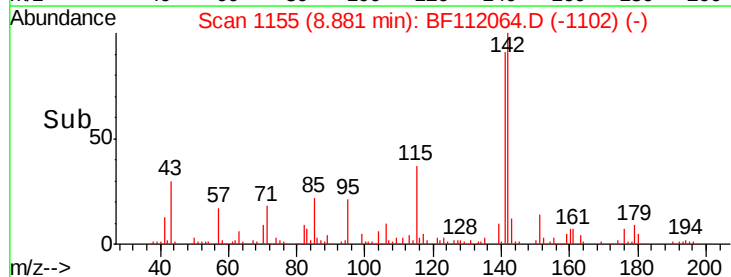
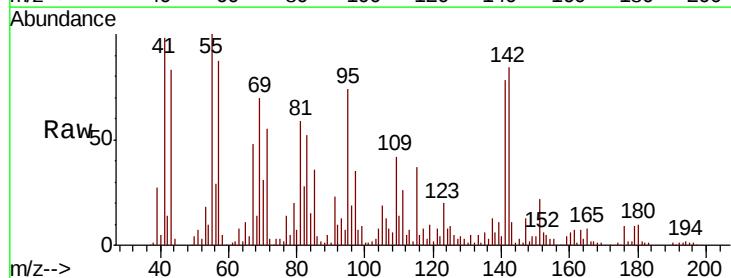
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-16(10-15)DL

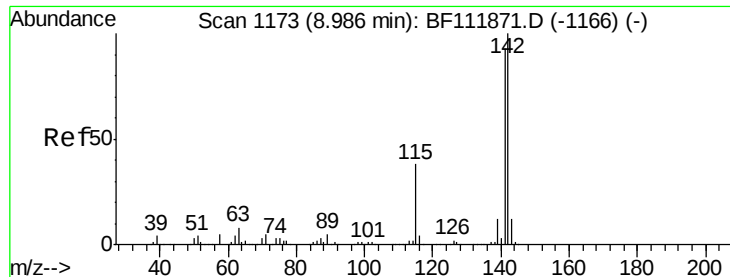
Tot Ion: 82 Resp: 114603
 Ion Ratio Lower Upper
 82 100
 128 28.3 35.7 53.5#
 54 50.1 45.8 68.8



#37
 2-Methylnaphthalene
 Concen: 10.486 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF112064.D
 Acq: 14 Jan 2019 21:24

Tgt Ion: 142 Resp: 122952
 Ion Ratio Lower Upper
 142 100
 141 92.5 71.4 107.2
 115 43.4 28.3 42.5#

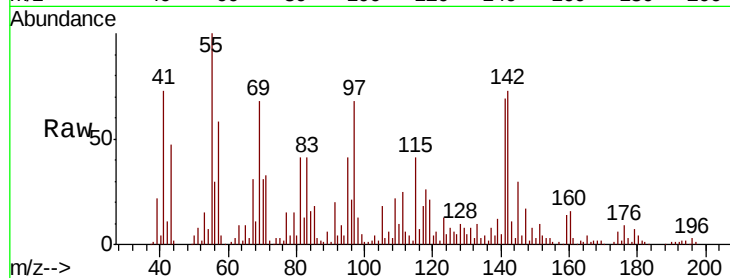




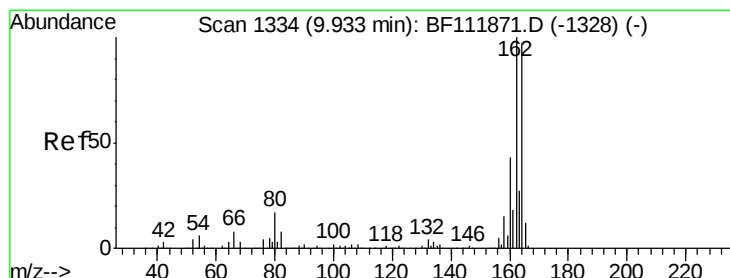
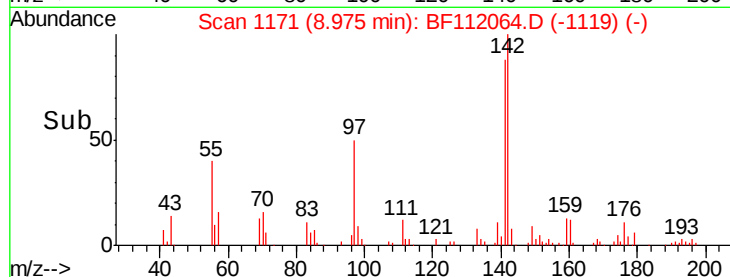
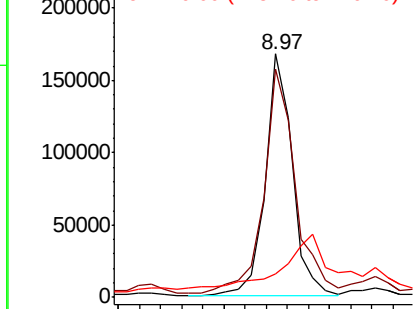
#38
1-Methylnaphthalene
Concen: 13.296 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF112064.D
Acq: 14 Jan 2019 21:24

Instrument :
BNA_F
ClientSampleId :
CPSB-16(10-15)DL

Tot Ion:142 Resp: 149535
Ion Ratio Lower Upper
142 100
141 93.7 74.8 112.2
116 9.6 3.1 4.7#

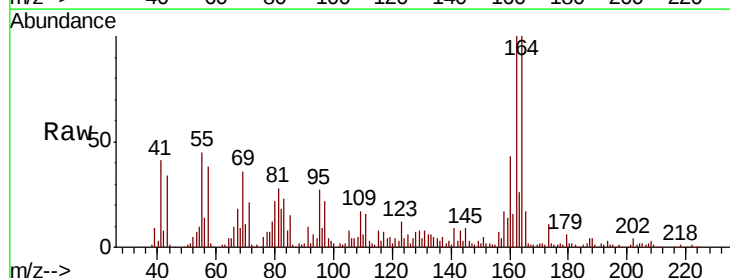


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

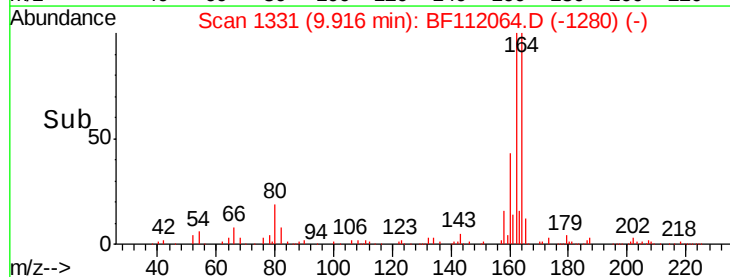
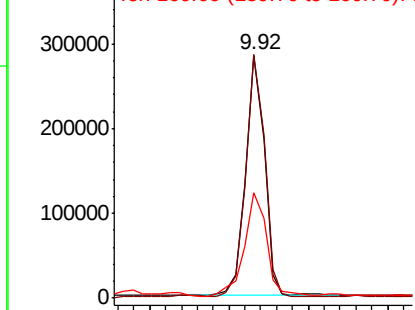


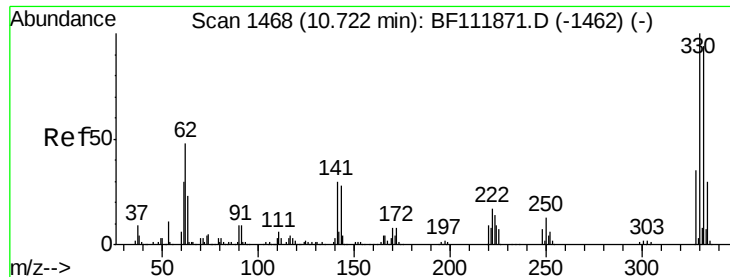
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112064.D
Acq: 14 Jan 2019 21:24

Tgt Ion:164 Resp: 235274
Ion Ratio Lower Upper
164 100
162 100.5 82.2 123.2
160 43.5 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

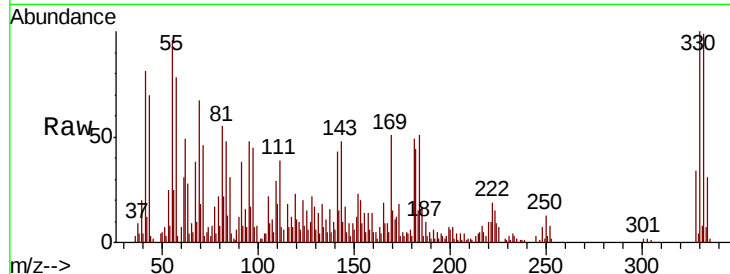




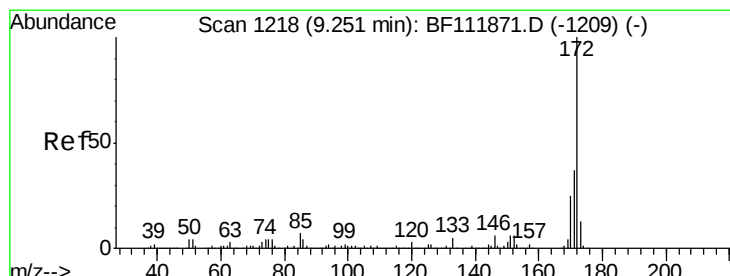
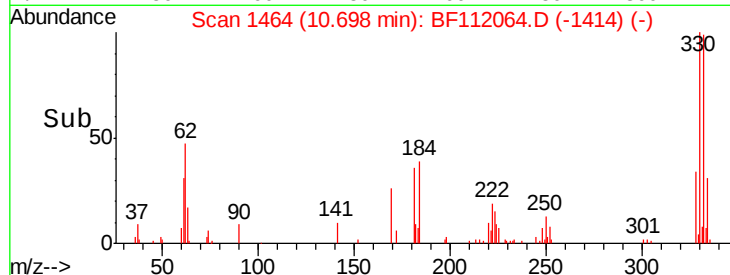
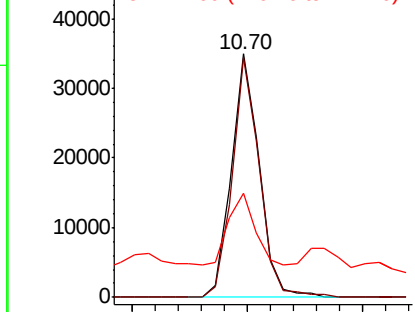
#42
 2,4,6-Tribromophenol
 Concen: 9.559 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF112064.D
 Acq: 14 Jan 2019 21:24

Instrument :
 BNA_F
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 CPSB-16(10-15)DL

Tot Ion:330 Resp: 29252
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.9 115.3
 141 27.2 23.7 35.5

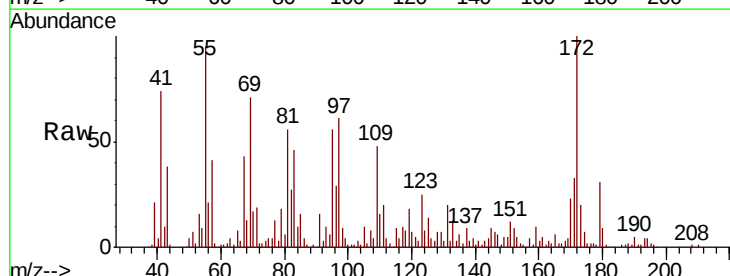


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

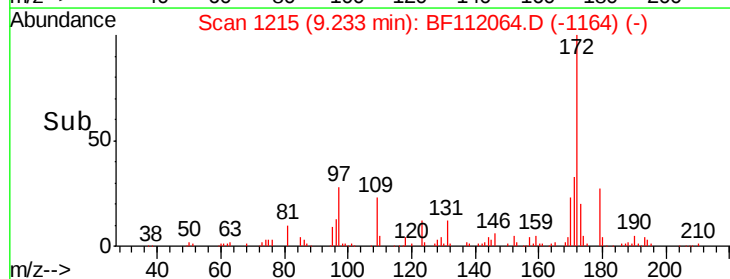
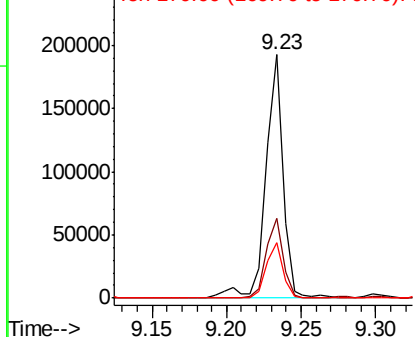


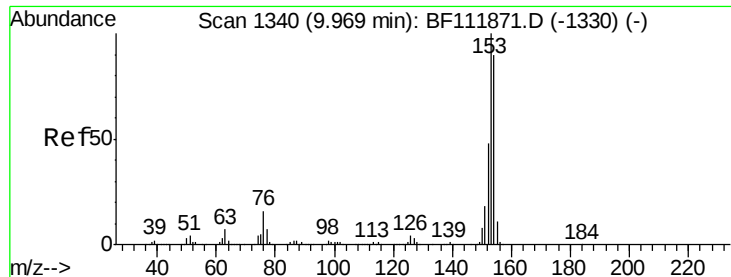
#45
 2-Fluorobiphenyl
 Concen: 9.525 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF112064.D
 Acq: 14 Jan 2019 21:24

Tgt Ion:172 Resp: 153688
 Ion Ratio Lower Upper
 172 100
 171 32.5 29.6 44.4
 170 22.9 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





#52

Acenaphthene

Concen: 3.278 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF112064.D

Acq: 14 Jan 2019 21:24

Instrument :

BNA_F

ClientSampleId :

CPSB-16(10-15)DL

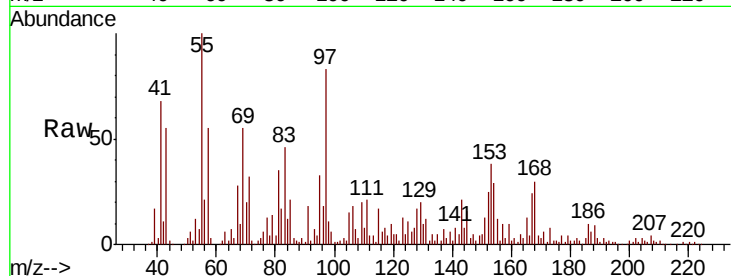
Tot Ion:154 Resp: 48261

Ion Ratio Lower Upper

154 100

153 130.4 89.4 134.0

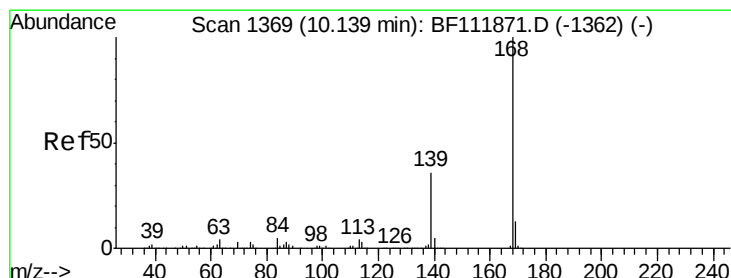
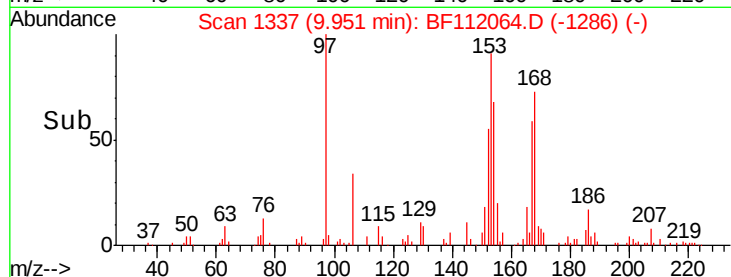
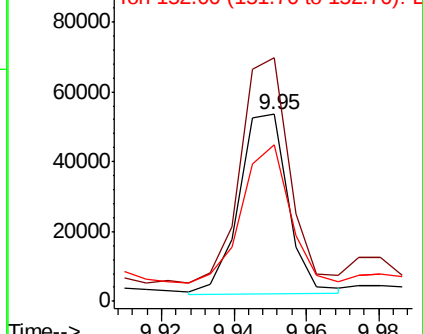
152 84.0 43.1 64.7#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 3.255 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF112064.D

Acq: 14 Jan 2019 21:24

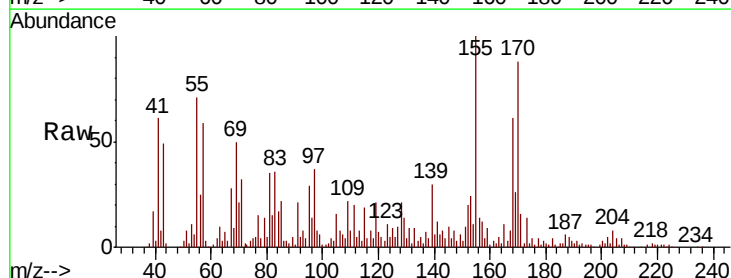
Tgt Ion:168 Resp: 69688

Ion Ratio Lower Upper

168 100

139 50.2 29.3 43.9#

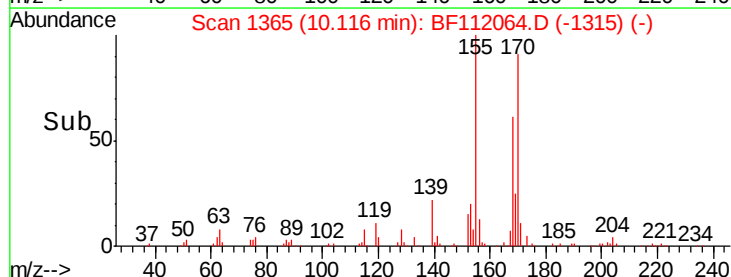
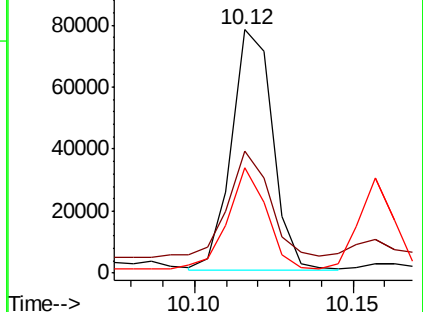
169 43.3 10.6 16.0#

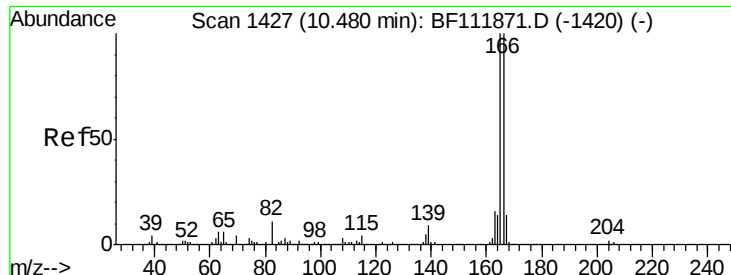


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 5.103 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF112064.D

Acq: 14 Jan 2019 21:24

Instrument :

BNA_F

ClientSampleId :

CPSB-16(10-15)DL

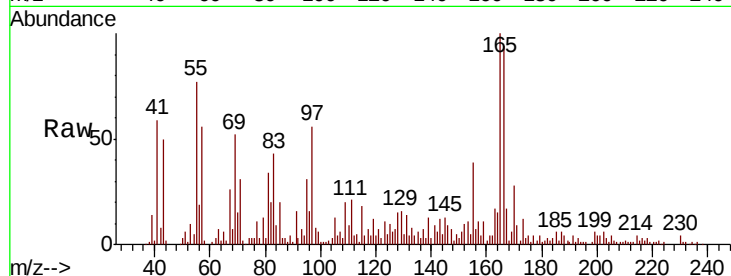
Tot Ion:166 Resp: 79495

Ion Ratio Lower Upper

166 100

165 106.2 79.7 119.5

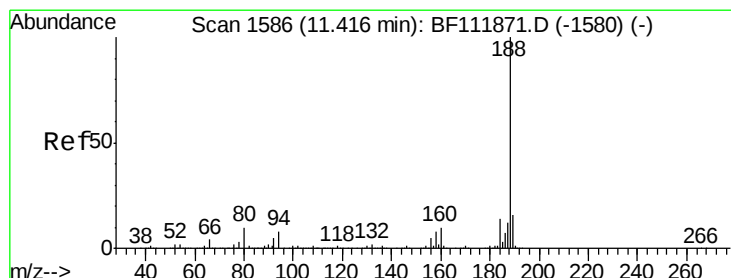
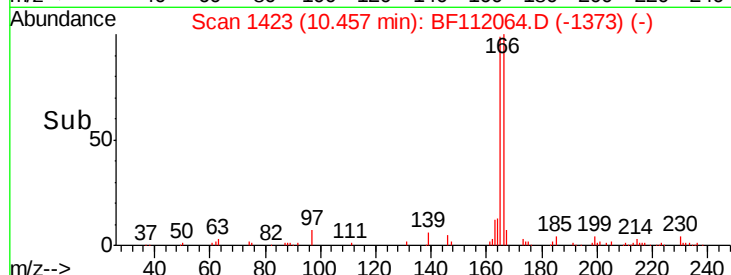
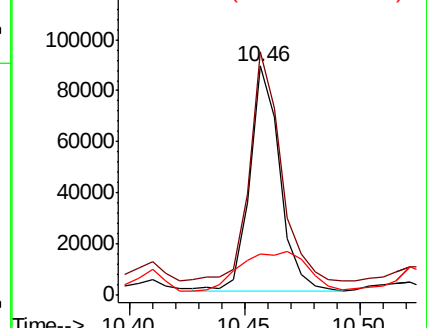
167 18.1 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF112064.D

Acq: 14 Jan 2019 21:24

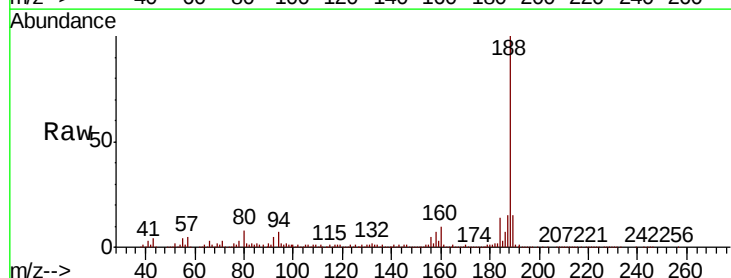
Tgt Ion:188 Resp: 367188

Ion Ratio Lower Upper

188 100

94 7.4 6.6 10.0

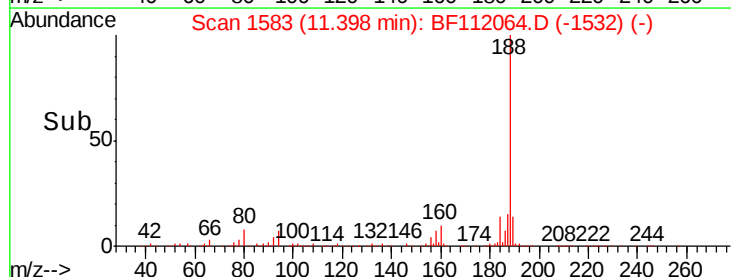
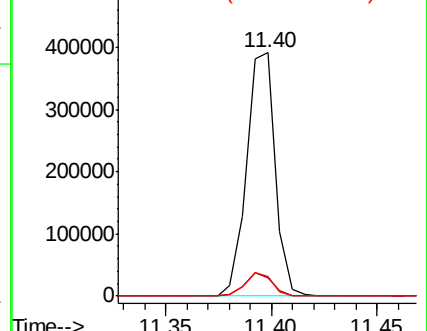
80 8.0 7.7 11.5

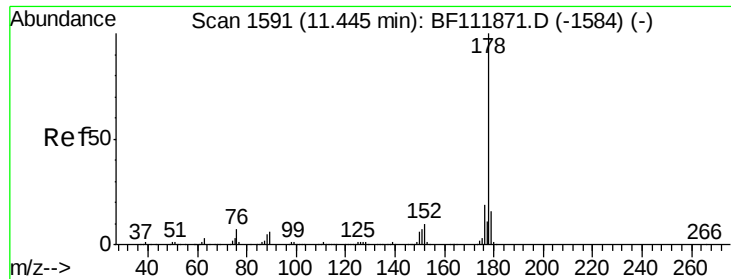


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 8.427 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF112064.D

Acq: 14 Jan 2019 21:24

Instrument :

BNA_F

ClientSampleId :

CPSB-16(10-15)DL

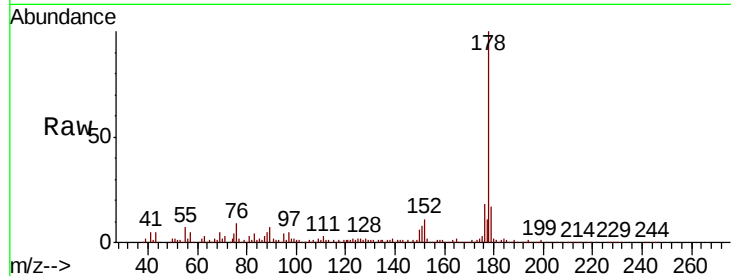
Tot Ion:178 Resp: 165445

Ion Ratio Lower Upper

178 100

176 18.3 15.6 23.4

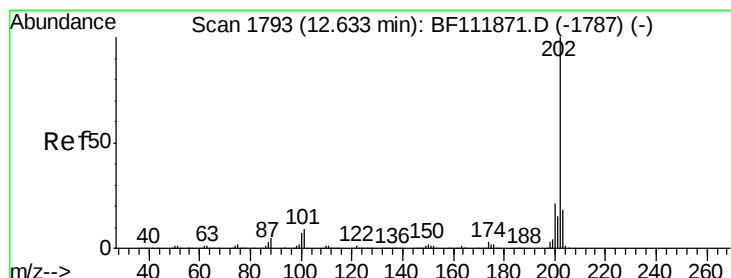
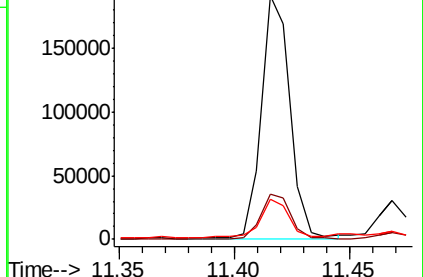
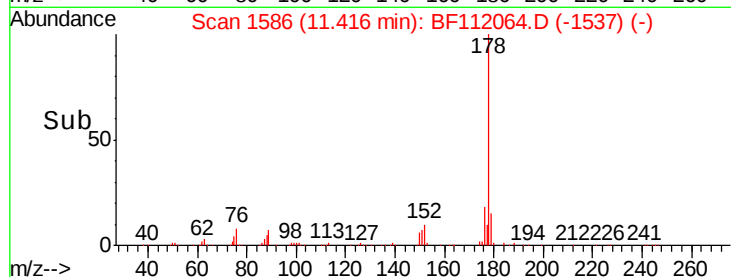
179 16.6 12.6 18.8



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



#75

Fluoranthene

Concen: 3.814 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF112064.D

Acq: 14 Jan 2019 21:24

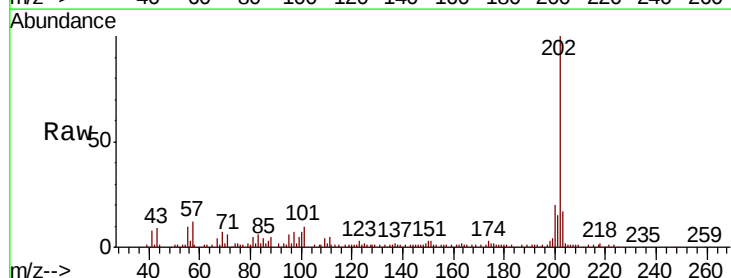
Tgt Ion:202 Resp: 76857

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.3

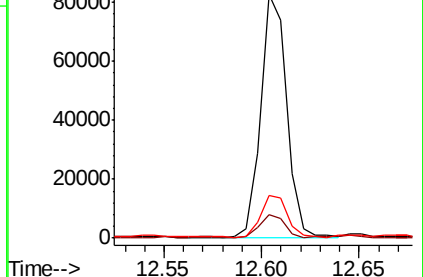
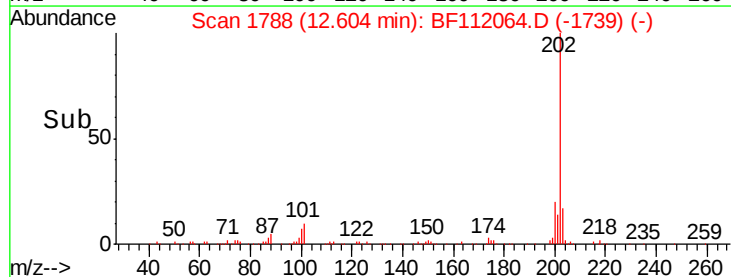
203 17.4 0.0 37.6

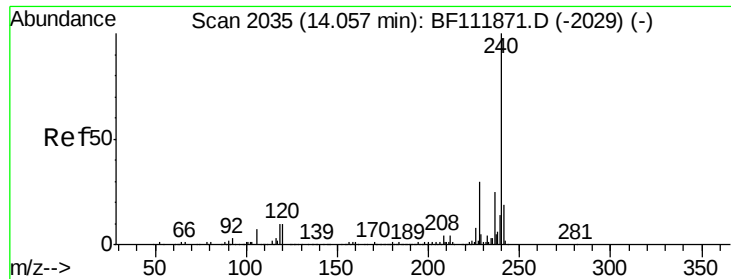


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

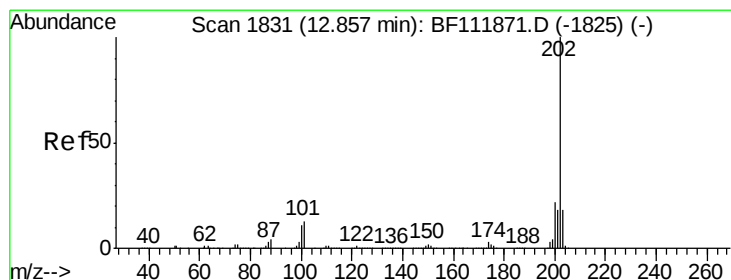
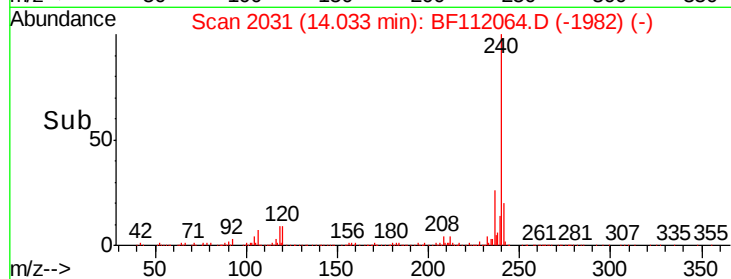
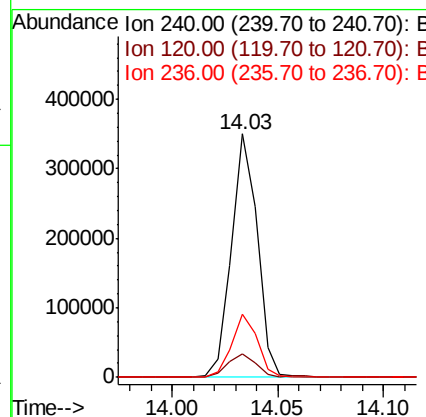
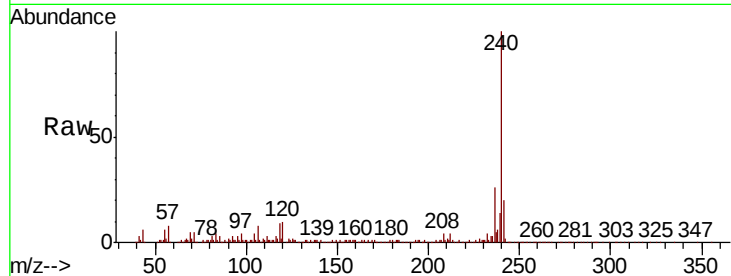




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112064.D
 Acq: 14 Jan 2019 21:24

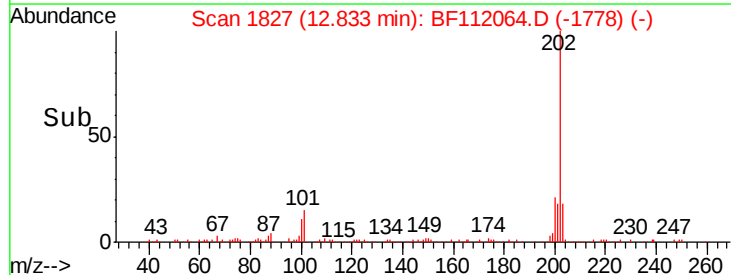
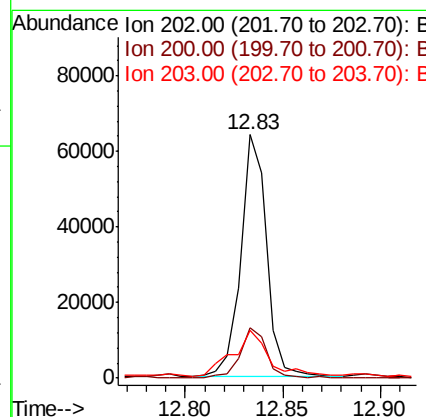
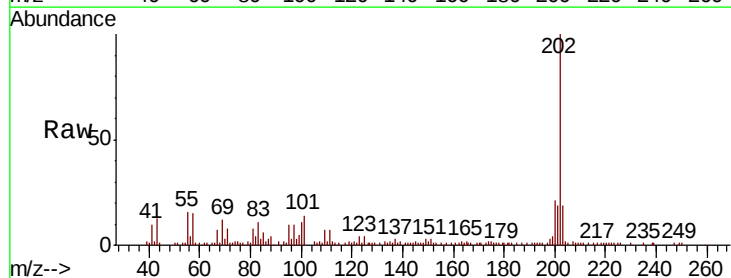
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-16(10-15)DL

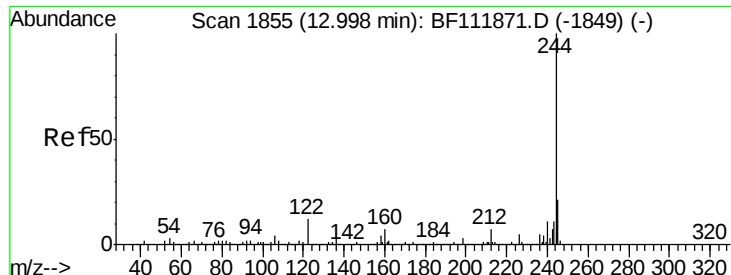
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.2	12.2
236	26.0	20.2	30.4



#78
 Pyrene
 Concen: 2.854 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF112064.D
 Acq: 14 Jan 2019 21:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	19.4	14.6	21.8

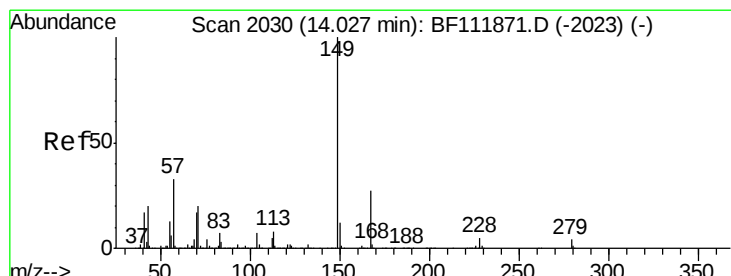
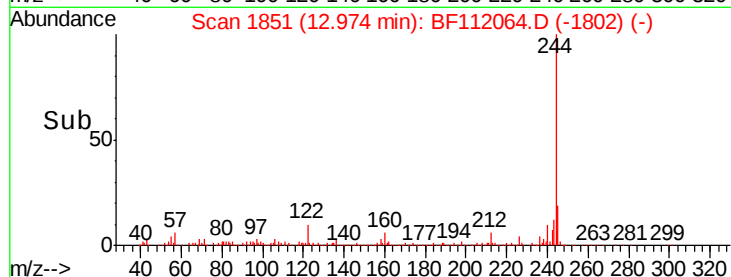
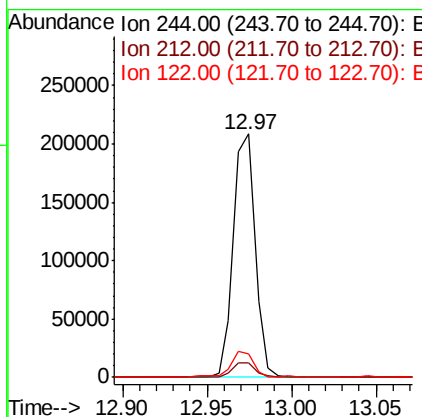
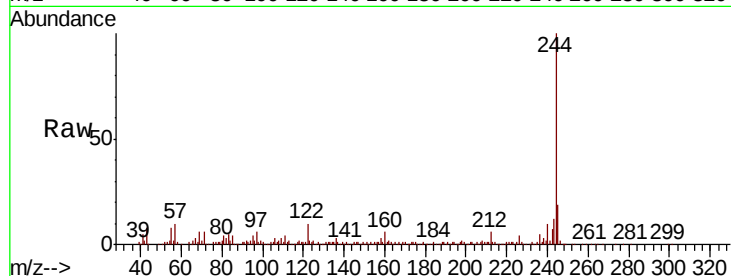




#79
 Terphenyl-d14
 Concen: 12.010 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF112064.D
 Acq: 14 Jan 2019 21:24

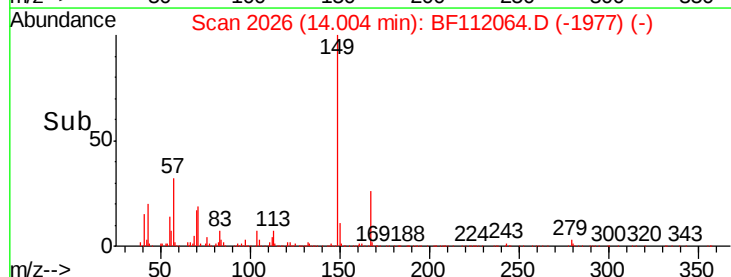
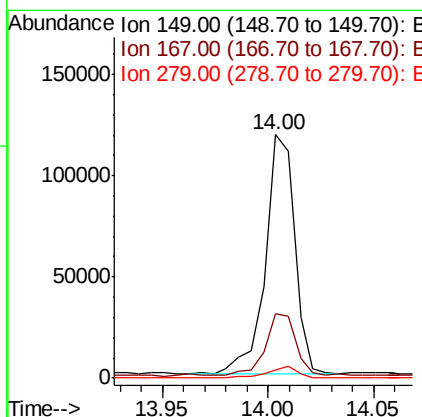
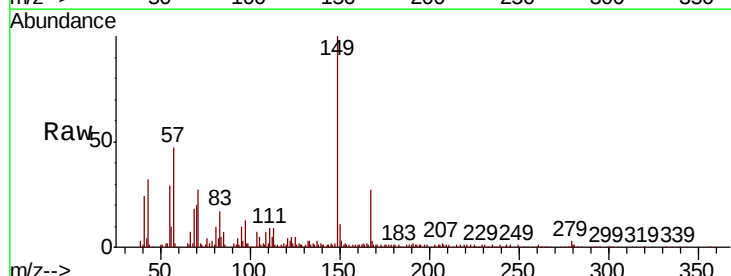
Instrument :
 BNA_F
 ClientSampleId :
 CPSB-16(10-15)DL

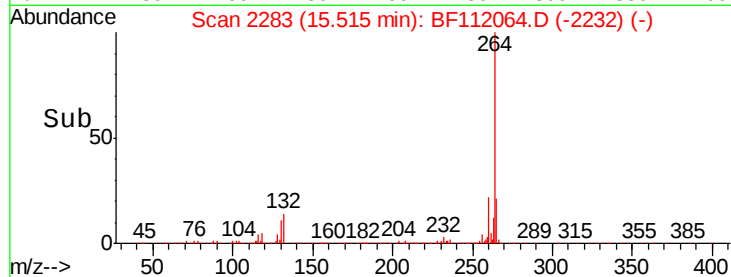
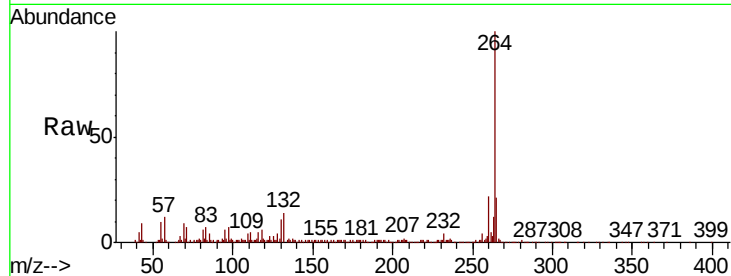
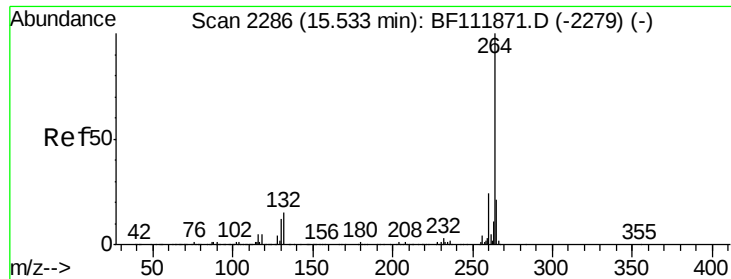
Tot Ion:244 Resp: 187371
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.8 8.8
 122 9.7 9.5 14.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.142 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112064.D
 Acq: 14 Jan 2019 21:24

Tgt Ion:149 Resp: 114742
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.5 32.3
 279 3.1 3.0 4.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF112064.D
Acq: 14 Jan 2019 21:24

Instrument :
BNA_F
ClientSampleId :
CPSB-16(10-15)DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.0	17.1	25.7

