

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110558.D
 Acq On : 7 Nov 2018 16:33
 Operator : JU/SJ
 Sample : J5839-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Nov 09 10:29:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

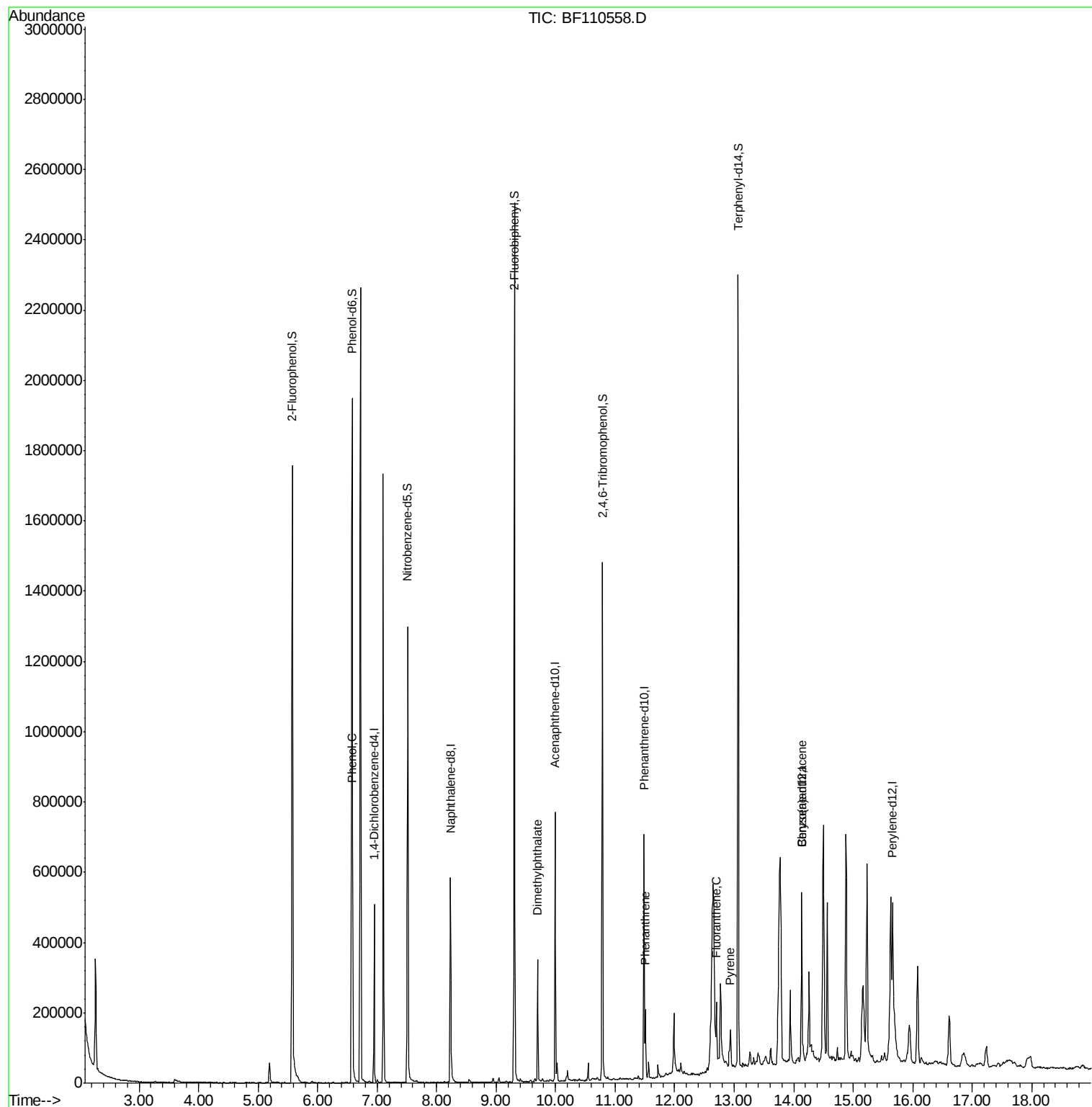
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72447	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	292992	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	140644	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	249924	20.00	ng	0.00
76) Chrysene-d12	14.13	240	159455	20.00	ng	0.00
87) Perylene-d12	15.66	264	162434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	551256	123.91	ng	0.00
7) Phenol-d6	6.58	99	694973	122.13	ng	0.00
23) Nitrobenzene-d5	7.52	82	447749	90.64	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	168734	121.11	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	870197	97.16	ng	0.00
79) Terphenyl-d14	13.07	244	723577	94.37	ng	0.00
Target Compounds						
10) Phenol	6.59	94	46692	7.676	ng	Qvalue # 63
50) Dimethylphthalate	9.70	163	138111	13.303	ng	99
71) Phenanthrene	11.51	178	67968	5.197	ng	99
75) Fluoranthene	12.70	202	56055	4.224	ng	98
78) Pyrene	12.94	202	43669	3.820	ng	97
81) Benzo(a)anthracene	14.13	228	18919	2.001	ng	96

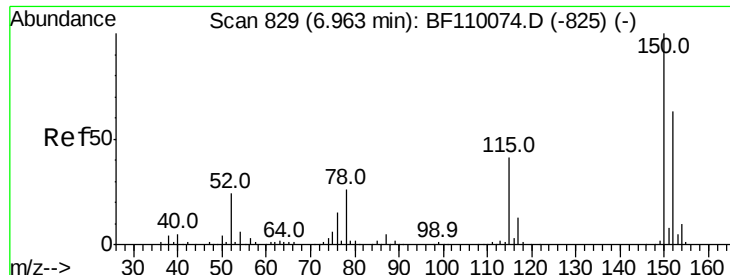
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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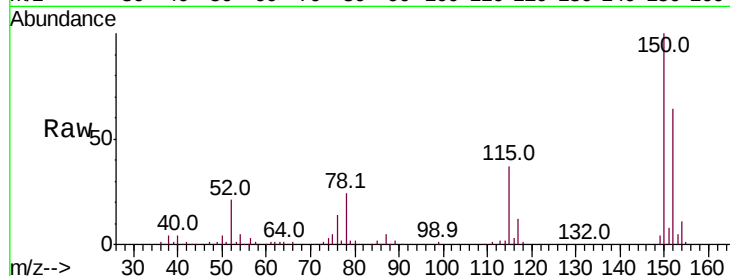


#1

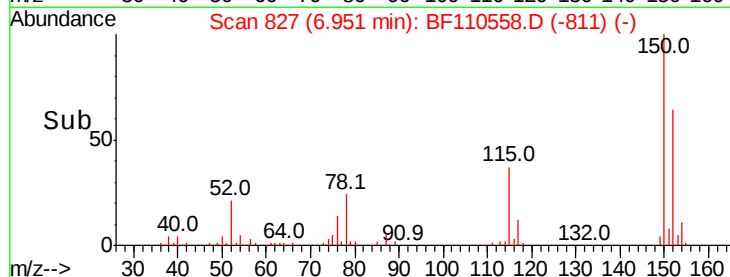
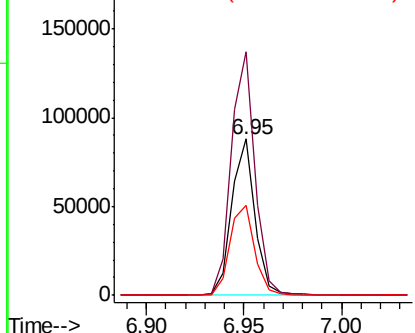
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110558.D
Acq: 7 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion:152 Resp: 72447
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 57.7 49.1 73.7



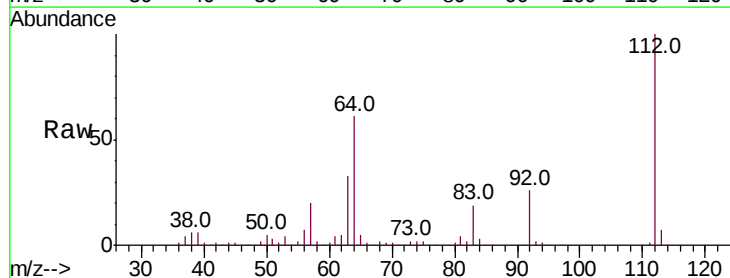
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



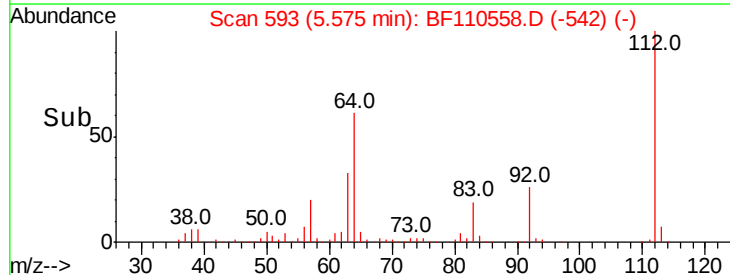
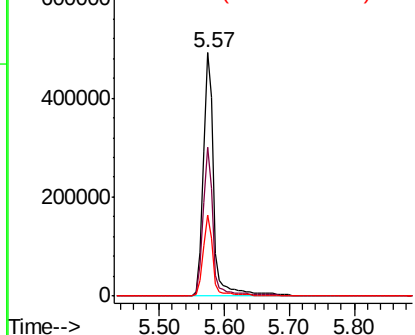
#5

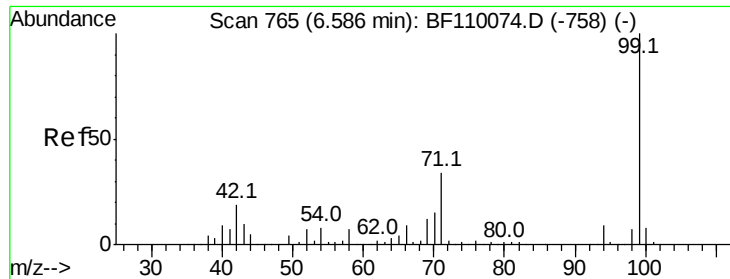
2-Fluorophenol
Concen: 123.910 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF110558.D
Acq: 7 Nov 2018 16:33

Tgt Ion:112 Resp: 551256
Ion Ratio Lower Upper
112 100
64 61.3 44.1 66.1
63 33.5 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: 122.131 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110558.D

Acq: 7 Nov 2018 16:33

Instrument :

BNA_F

ClientSampleId :

SB-4

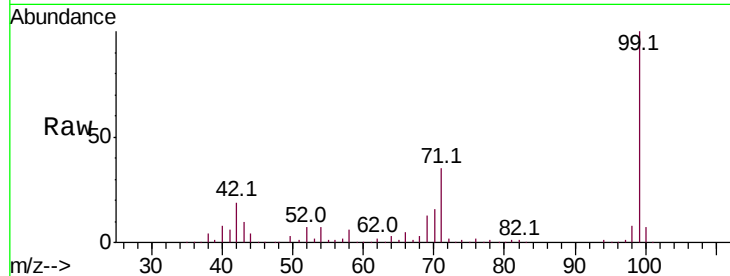
Tot Ion: 99 Resp: 694973

Ion Ratio Lower Upper

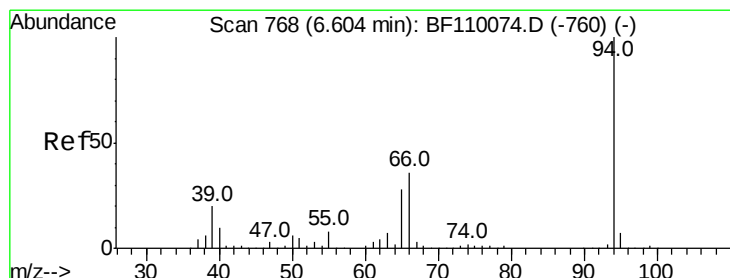
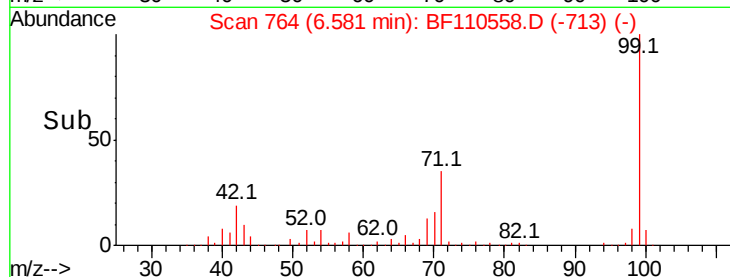
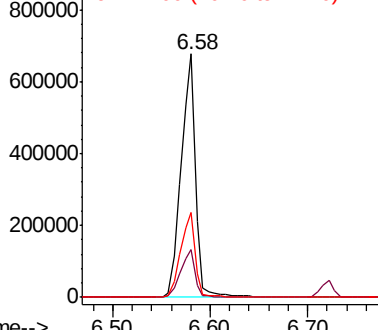
99 100

42 19.4 15.8 23.6

71 34.8 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



#10

Phenol

Concen: 7.676 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110558.D

Acq: 7 Nov 2018 16:33

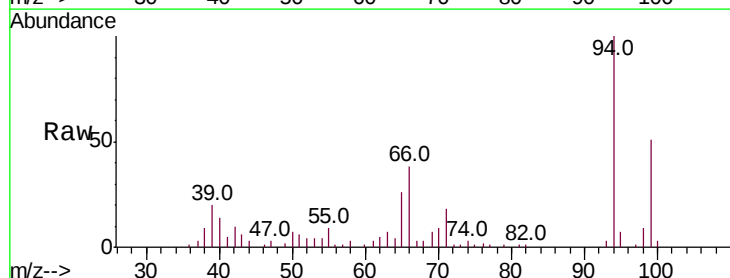
Tgt Ion: 94 Resp: 46692

Ion Ratio Lower Upper

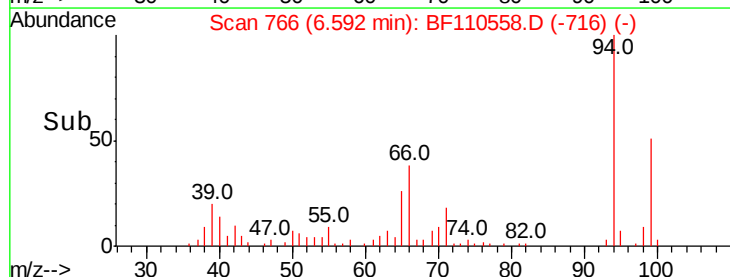
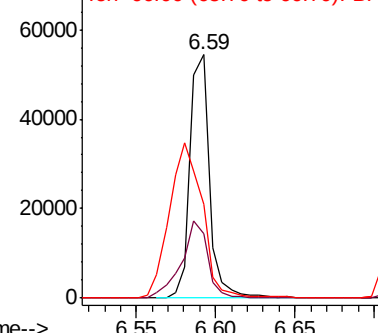
94 100

65 26.2 25.3 65.3

66 38.4 54.5 94.5#



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

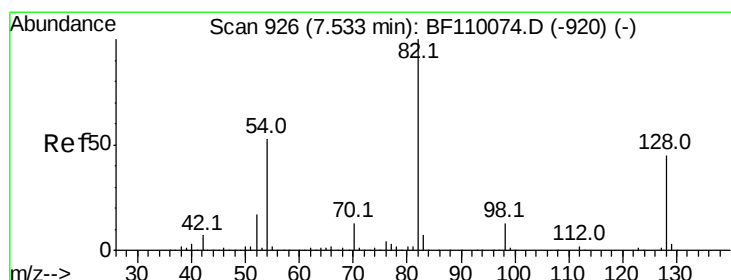
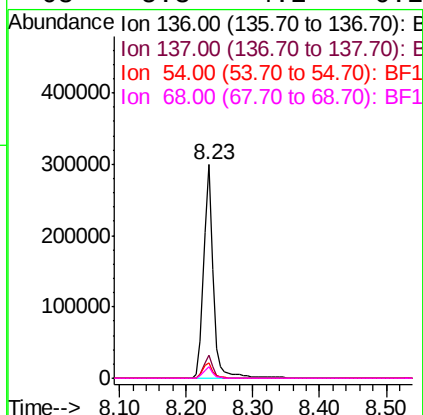
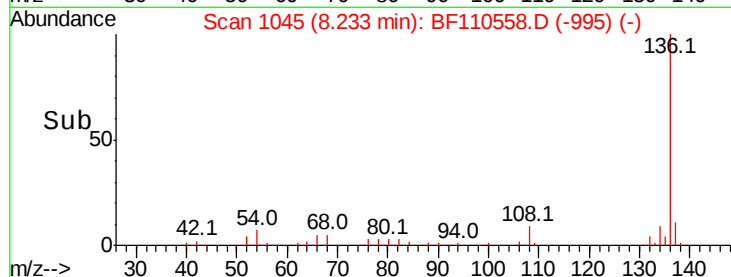
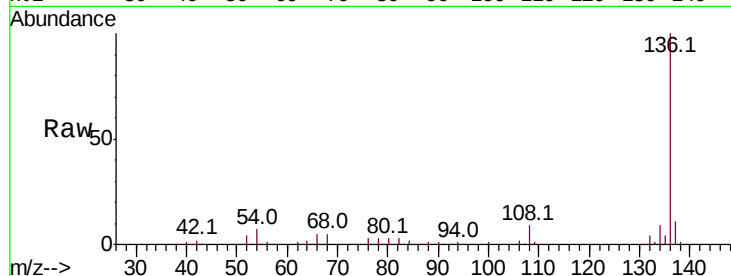




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110558.D
Acq: 7 Nov 2018 16:33

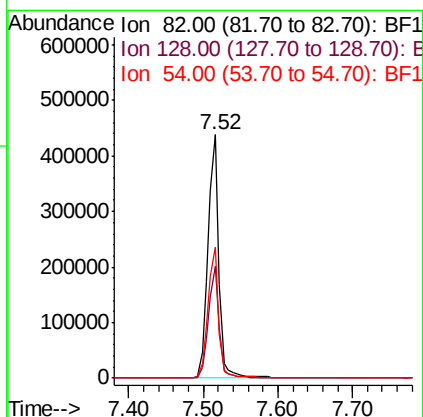
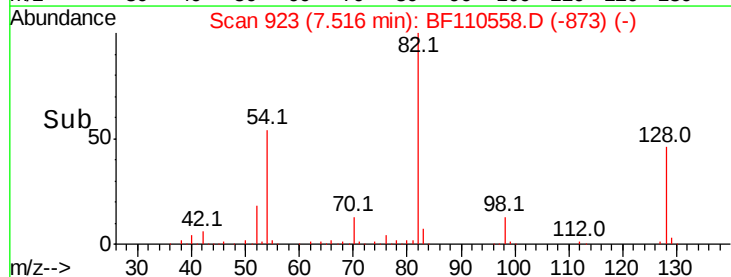
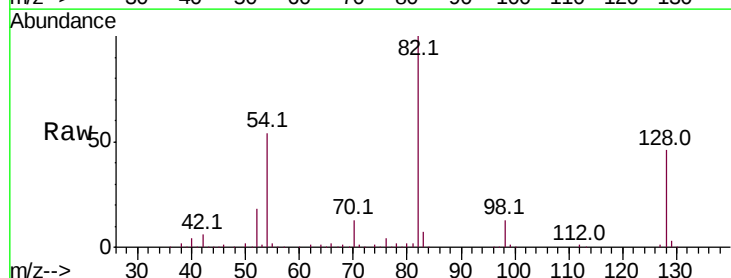
Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion:	136	Resp:	292992
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	5.4	8.2
68	5.3	4.2	6.2



#23
Nitrobenzene-d5
Concen: 90.642 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110558.D
Acq: 7 Nov 2018 16:33

Tgt Ion:	82	Resp:	447749
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.2	51.2
54	53.7	38.6	58.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF110558.D

Acq: 7 Nov 2018 16:33

Instrument :

BNA_F

ClientSampled :

SB-4

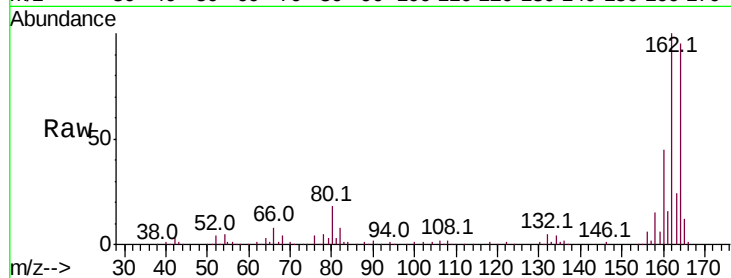
Tot Ion:164 Resp: 140644

Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.6

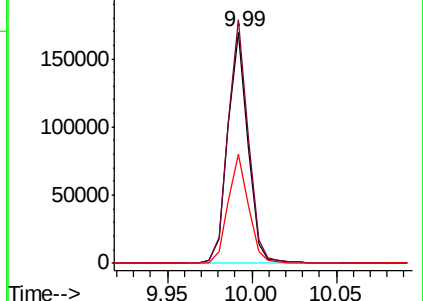
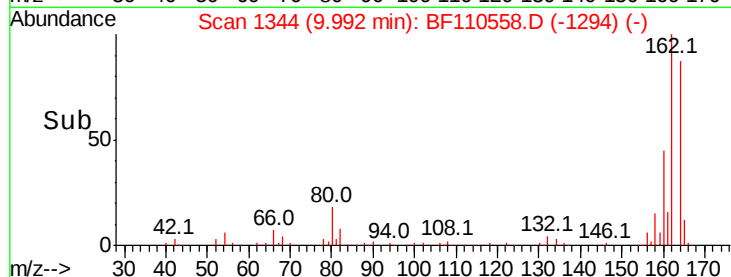
160 47.2 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 121.115 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110558.D

Acq: 7 Nov 2018 16:33

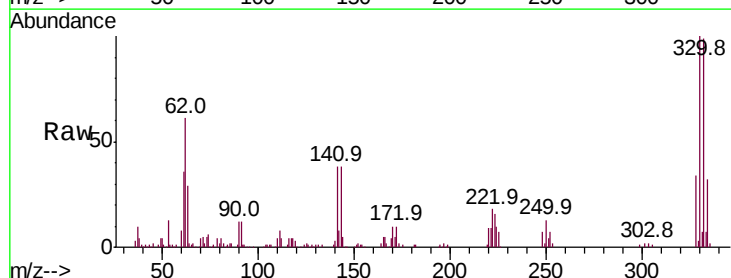
Tgt Ion:330 Resp: 168734

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

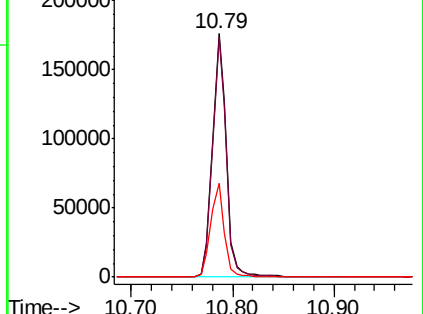
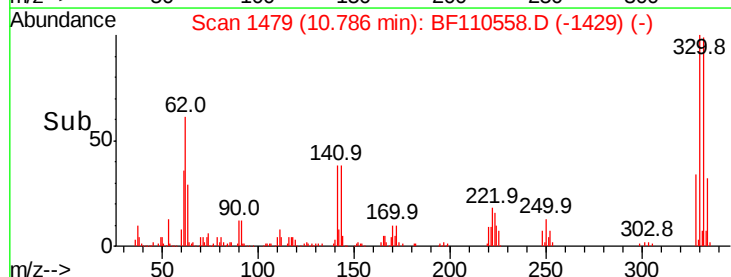
141 37.9 27.0 40.4



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

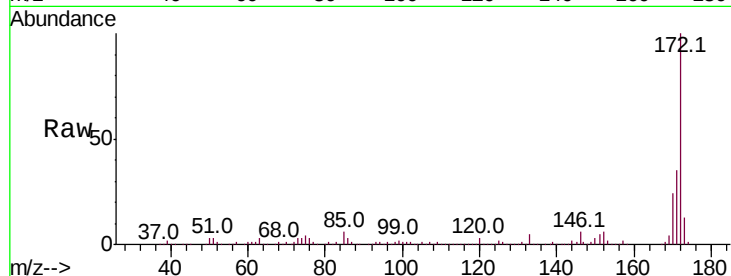




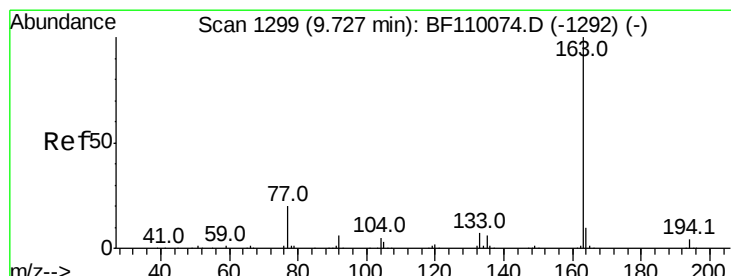
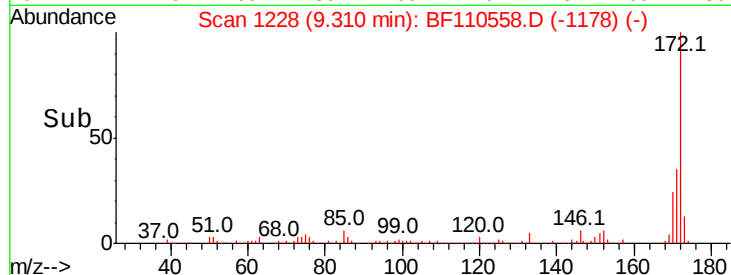
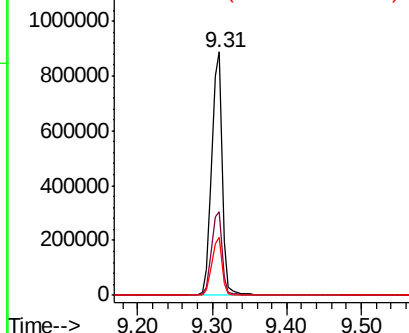
#45
 2-Fluorobiphenyl
 Concen: 97.156 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110558.D
 Acq: 7 Nov 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tot Ion:172 Resp: 870197
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.6 43.0
 170 23.6 19.7 29.5

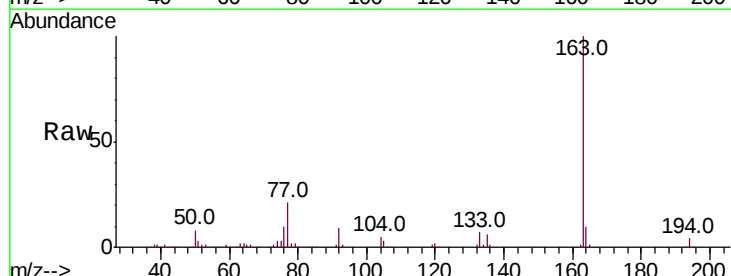


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

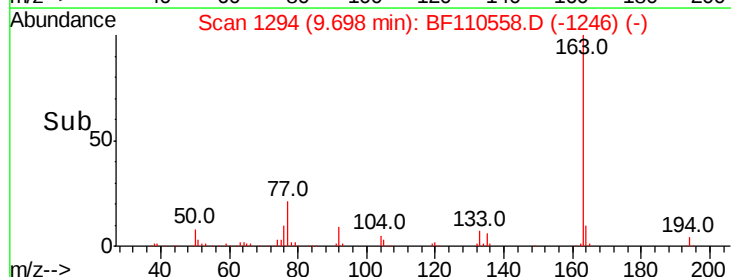
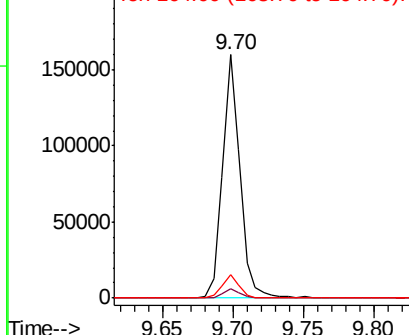


#50
 Dimethylphthalate
 Concen: 13.303 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF110558.D
 Acq: 7 Nov 2018 16:33

Tgt Ion:163 Resp: 138111
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.2 4.8
 164 9.7 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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110558.D

Acq: 7 Nov 2018 16:33

Instrument :

BNA_F

ClientSampleId :

SB-4

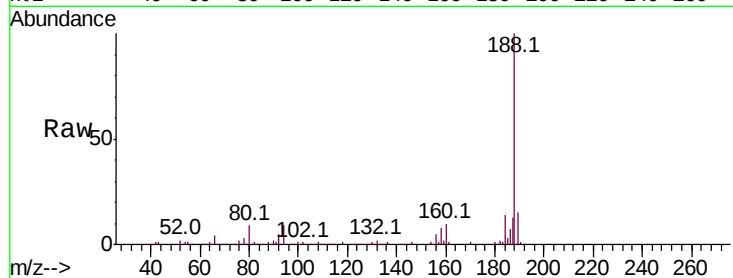
Tot Ion:188 Resp: 249924

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

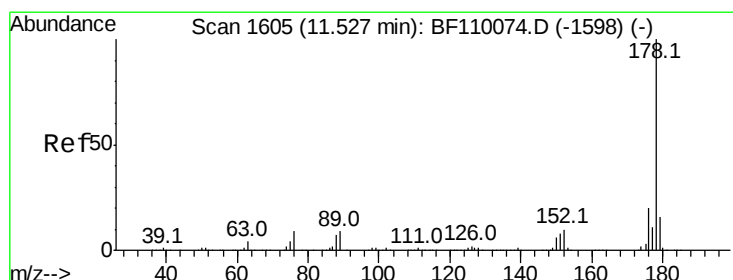
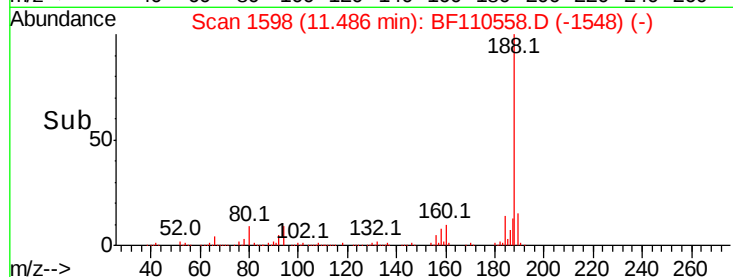
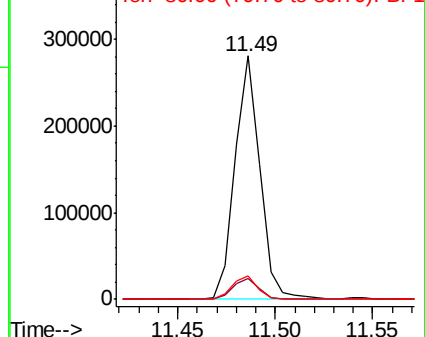
80 9.4 7.9 11.9



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: 5.197 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF110558.D

Acq: 7 Nov 2018 16:33

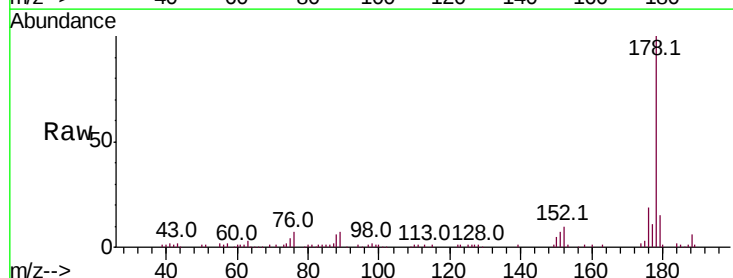
Tgt Ion:178 Resp: 67968

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

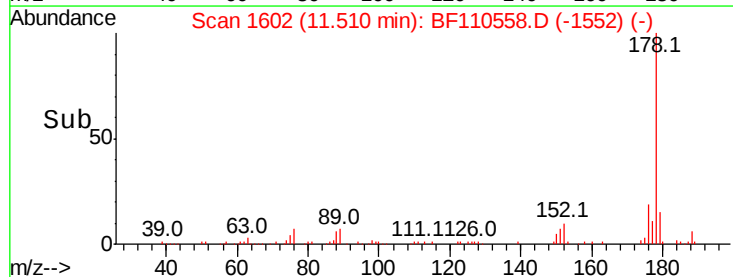
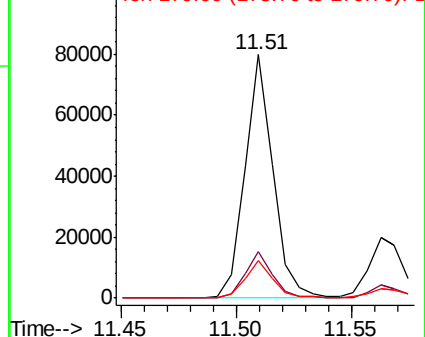
179 15.2 12.5 18.7

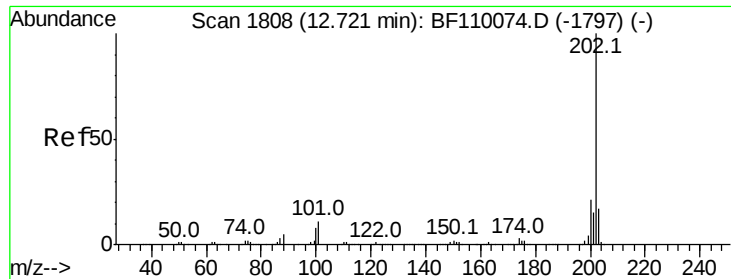


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.224 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110558.D

Acq: 7 Nov 2018 16:33

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SB-4

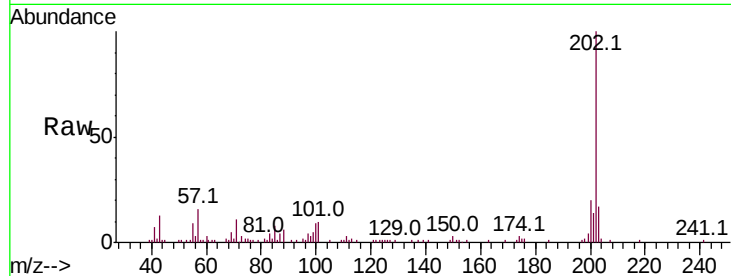
Tot Ion:202 Resp: 56055

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.4

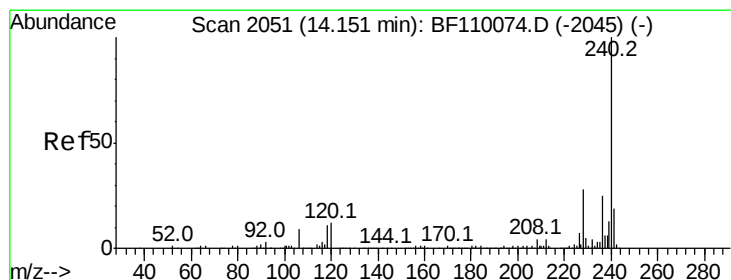
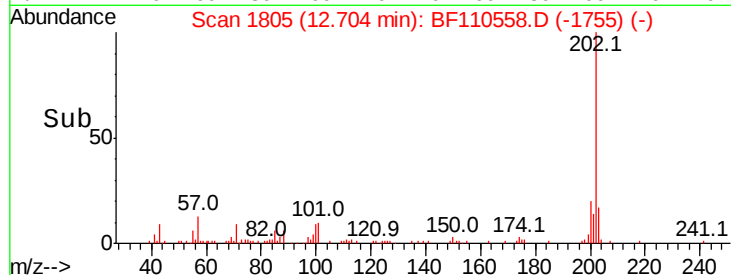
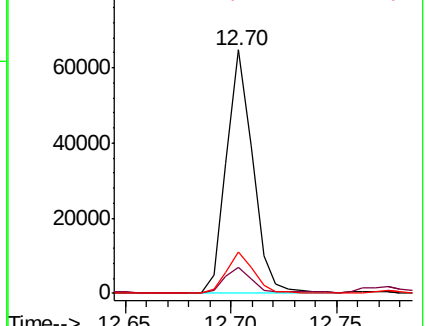
203 16.8 0.0 37.7



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110558.D

Acq: 7 Nov 2018 16:33

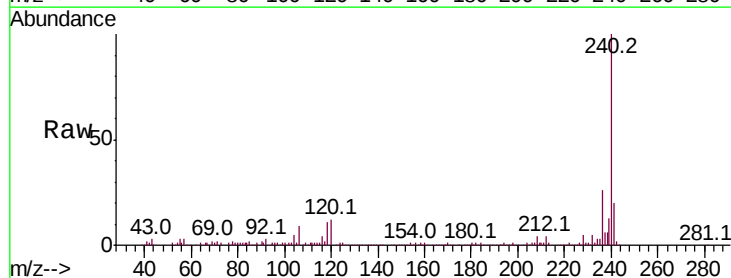
Tgt Ion:240 Resp: 159455

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

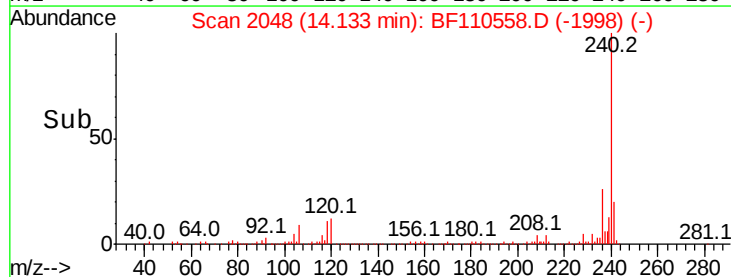
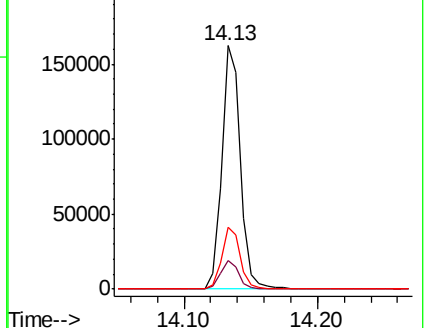
236 25.6 21.2 31.8

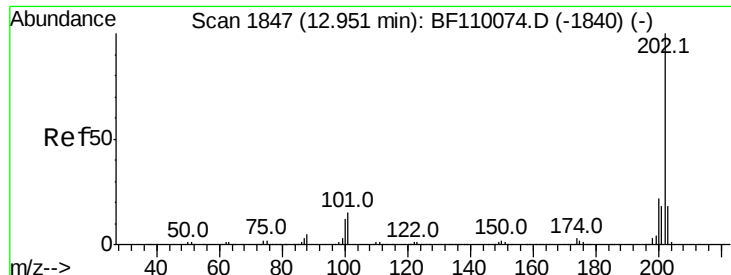


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

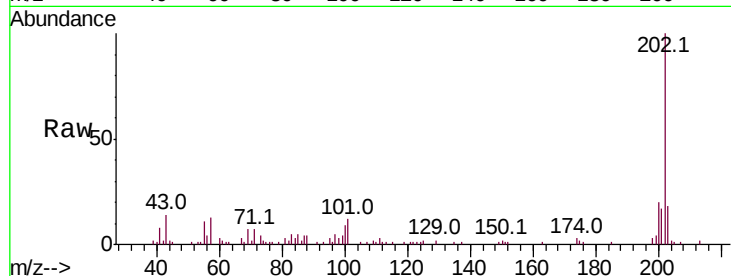




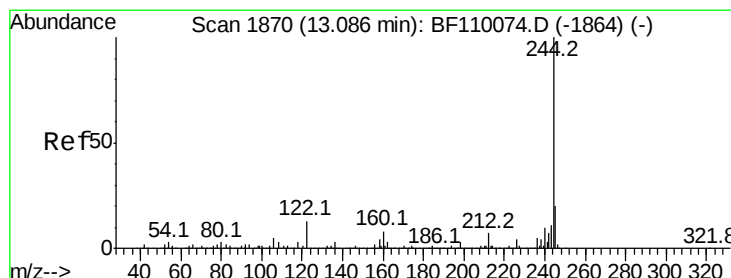
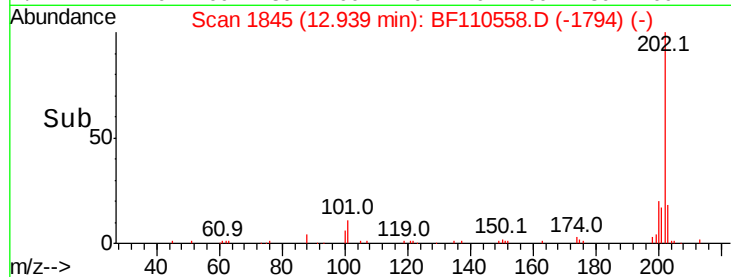
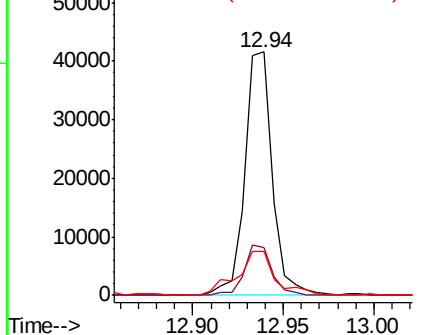
#78
Pvrene
Concen: 3.820 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF110558.D
Acq: 7 Nov 2018 16:33

Instrument :
BNA_F
ClientSampled :
SB-4

Tot Ion:202 Resp: 43669
Ion Ratio Lower Upper
202 100
200 19.5 17.8 26.6
203 18.0 14.2 21.4

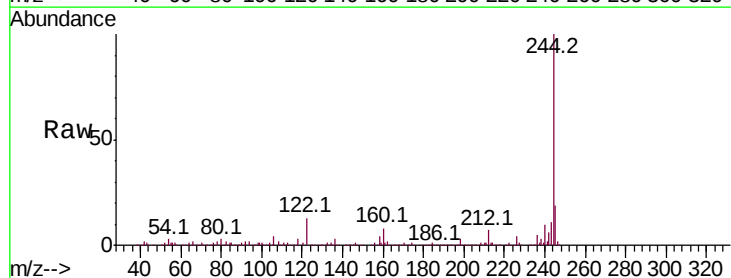


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

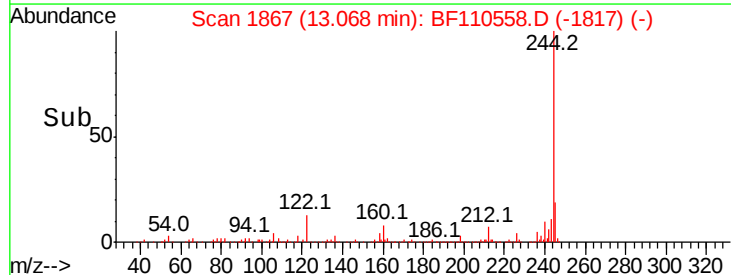
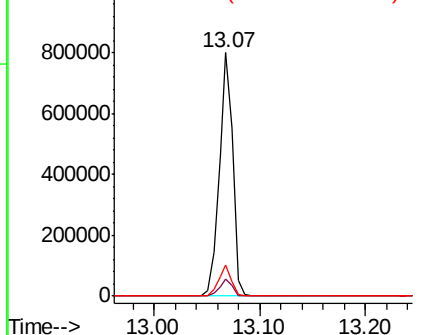


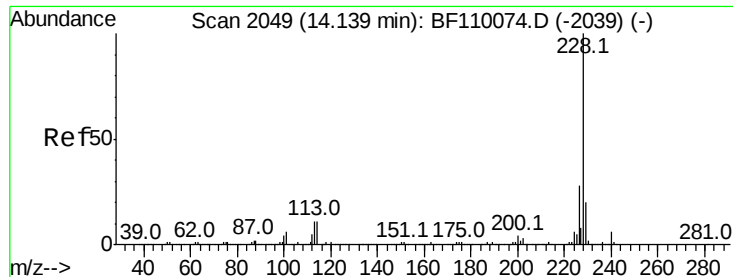
#79
Terphenyl-d14
Concen: 94.373 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110558.D
Acq: 7 Nov 2018 16:33

Tgt Ion:244 Resp: 723577
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.7 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





#81

Benzo(a)anthracene

Concen: 2.001 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF110558.D

Acq: 7 Nov 2018 16:33

Instrument :

BNA_F

ClientSampleId :

SB-4

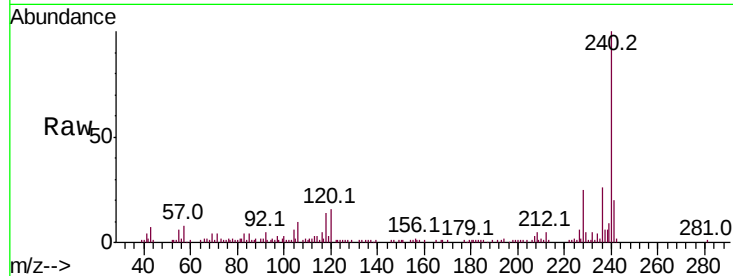
Tot Ion:228 Resp: 18919

Ion Ratio Lower Upper

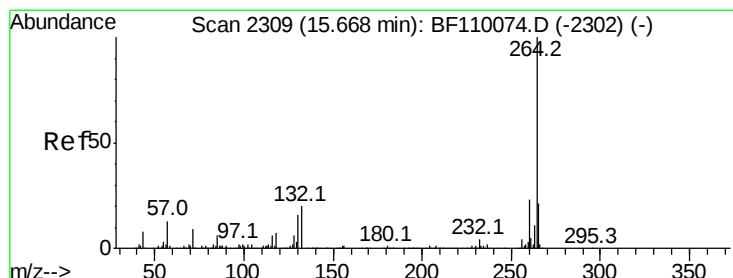
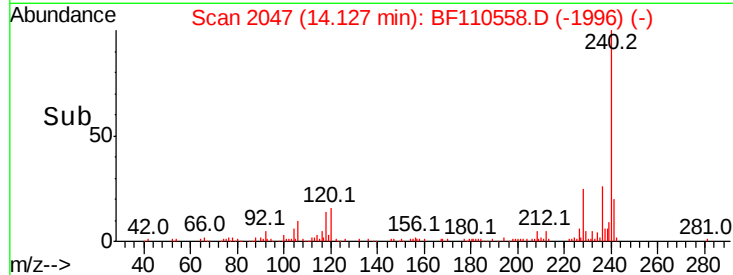
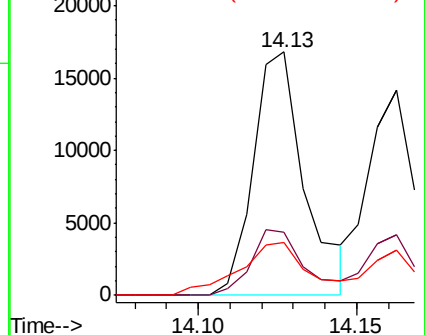
228 100

226 25.8 22.1 33.1

229 21.6 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110558.D

Acq: 7 Nov 2018 16:33

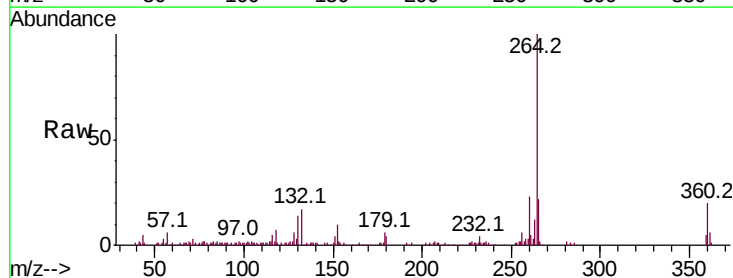
Tgt Ion:264 Resp: 162434

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.8 16.7 25.1



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

