

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110352.D
 Acq On : 1 Nov 2018 1:02
 Operator : JU/SJ
 Sample : J5632-01 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Quant Time: Nov 01 05:00:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

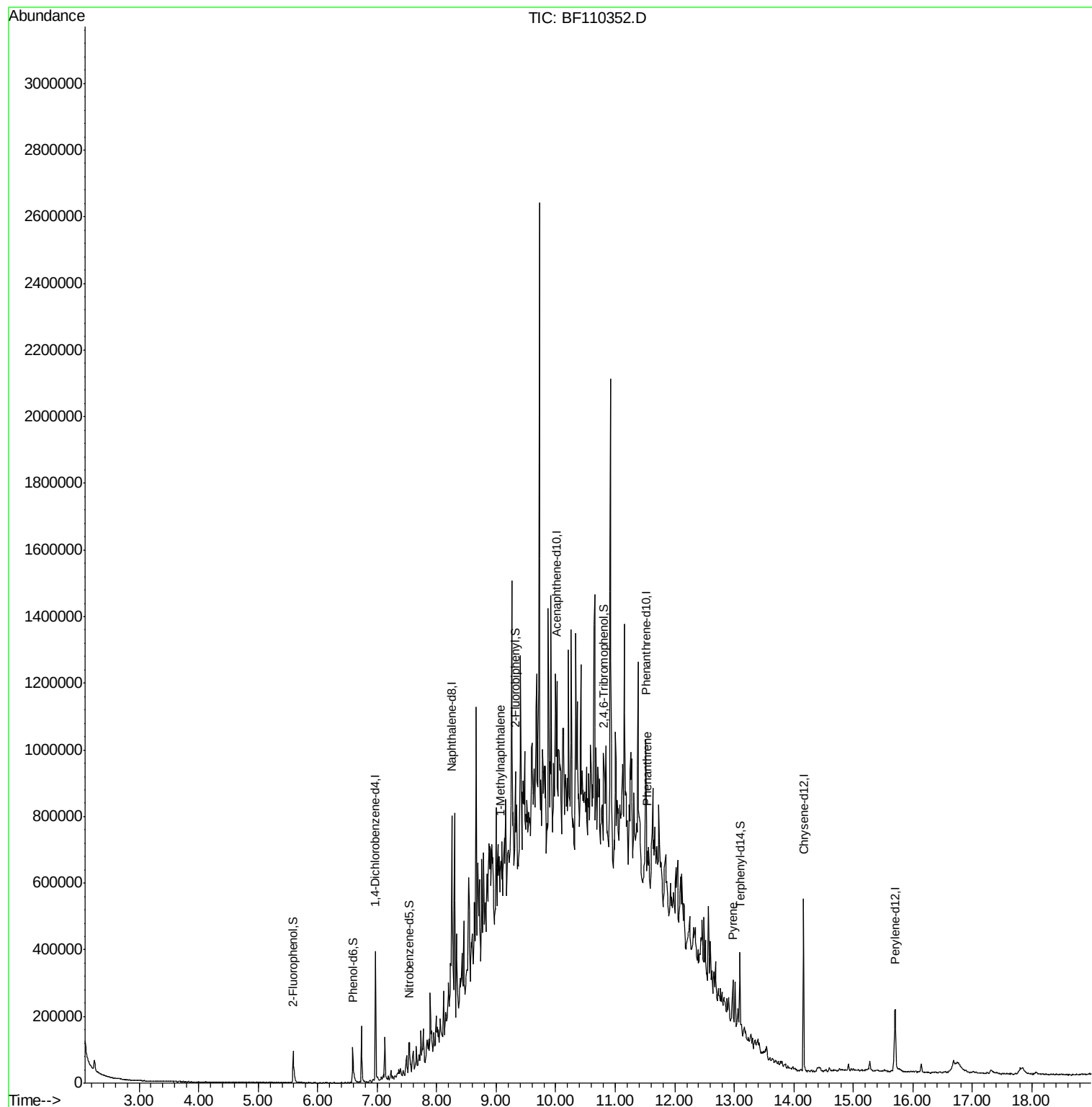
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	61426	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	221054	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	86690	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	149732	20.00	ng	0.00
76) Chrysene-d12	14.16	240	166160	20.00	ng	0.00
87) Perylene-d12	15.70	264	103693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	42080	11.16	ng	0.00
7) Phenol-d6	6.59	99	51273	10.63	ng	-0.02
23) Nitrobenzene-d5	7.53	82	27287	7.32	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	8124	9.46	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	56214	10.18	ng	0.00
79) Terphenyl-d14	13.09	244	57302	7.17	ng	-0.01
Target Compounds						
38) 1-Methylnaphthalene	9.07	142	18949	2.909	ng	# 91
71) Phenanthrene	11.54	178	24528	3.131	ng	# 76
78) Pyrene	12.96	202	25525	2.143	ng	95

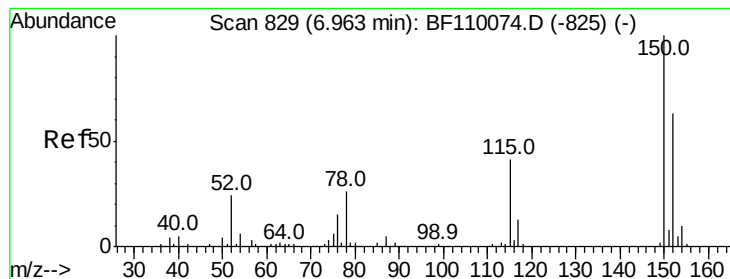
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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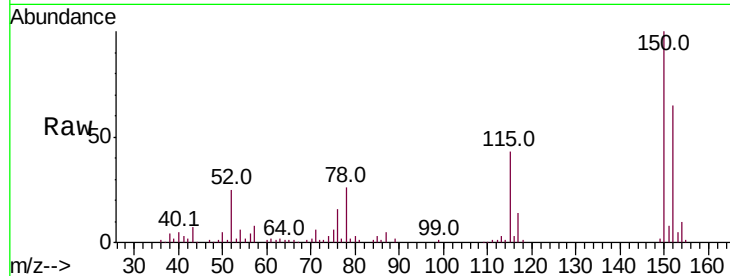


#1

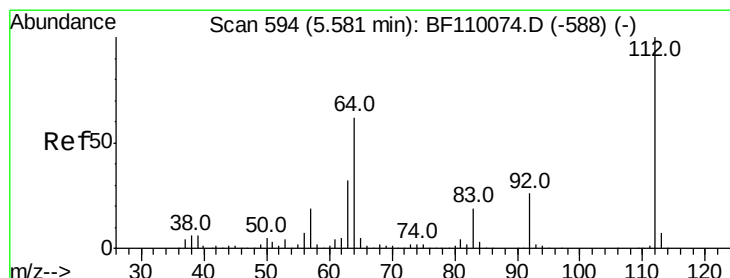
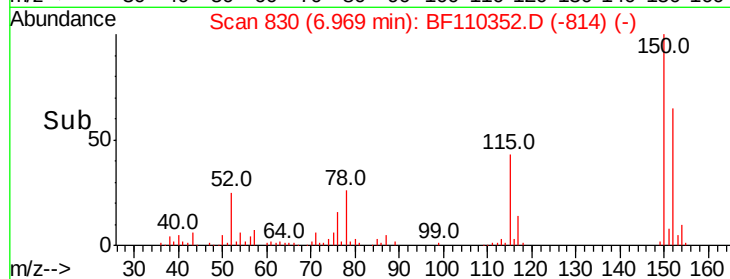
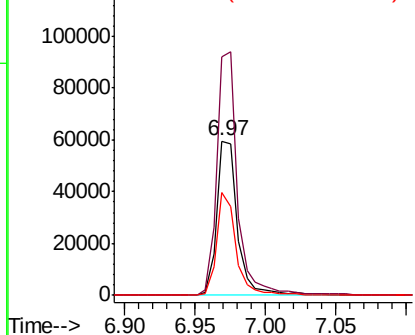
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110352.D
 Acq: 1 Nov 2018 1:02

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Tot Ion:152 Resp: 61426
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.7 184.1
 115 66.9 49.1 73.7



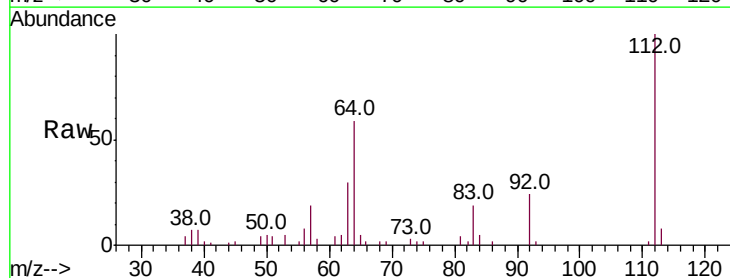
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



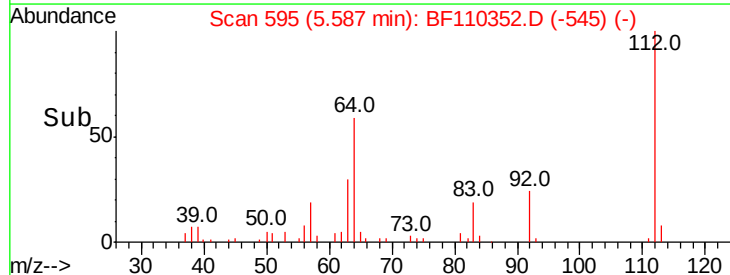
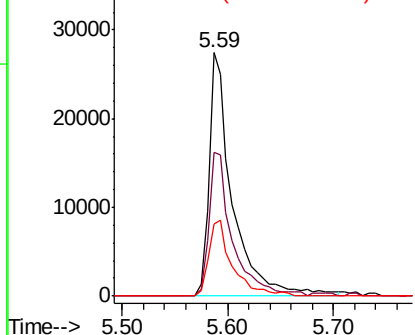
#5

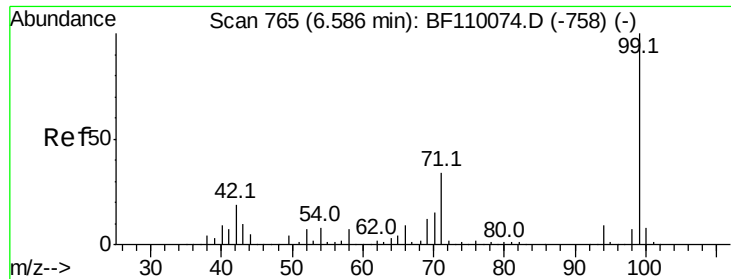
2-Fluorophenol
 Concen: 11.156 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110352.D
 Acq: 1 Nov 2018 1:02

Tgt Ion:112 Resp: 42080
 Ion Ratio Lower Upper
 112 100
 64 59.0 44.1 66.1
 63 29.5 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: 10.627 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110352.D

Acq: 1 Nov 2018 1:02

Instrument :

BNA_F

ClientSampled :

T-1

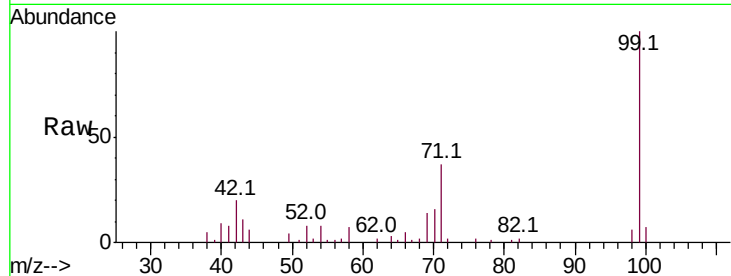
Tot Ion: 99 Resp: 51273

Ion Ratio Lower Upper

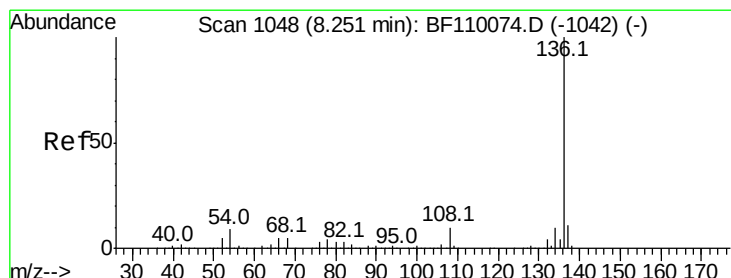
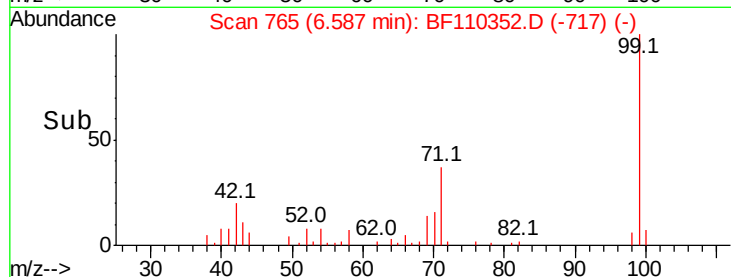
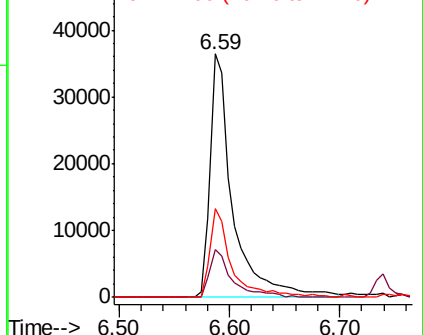
99 100

42 19.7 15.8 23.6

71 36.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF110352.D

Acq: 1 Nov 2018 1:02

Tgt Ion: 136 Resp: 221054

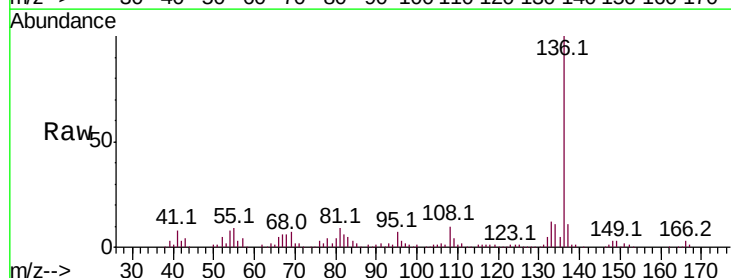
Ion Ratio Lower Upper

136 100

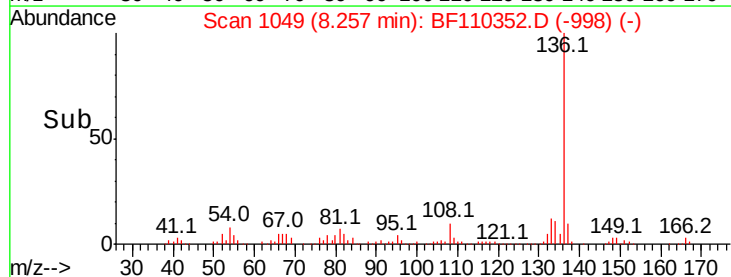
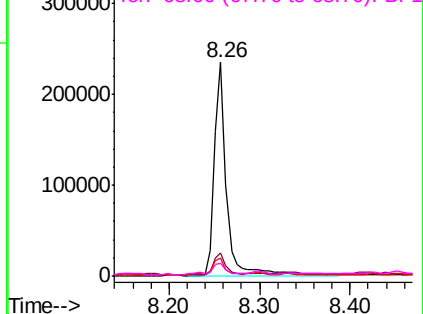
137 10.9 8.8 13.2

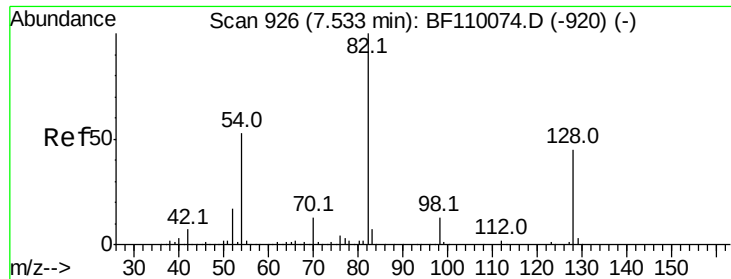
54 8.3 5.4 8.2#

68 5.9 4.2 6.2



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

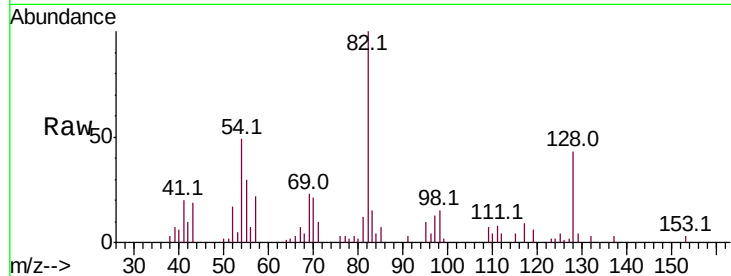




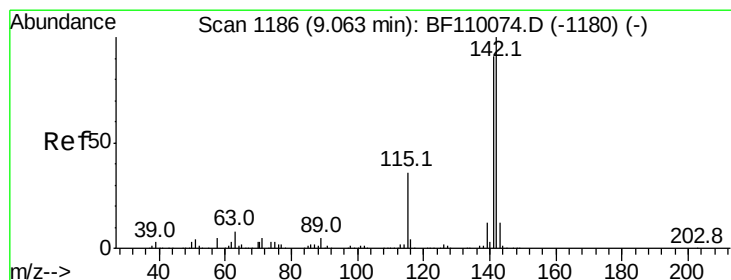
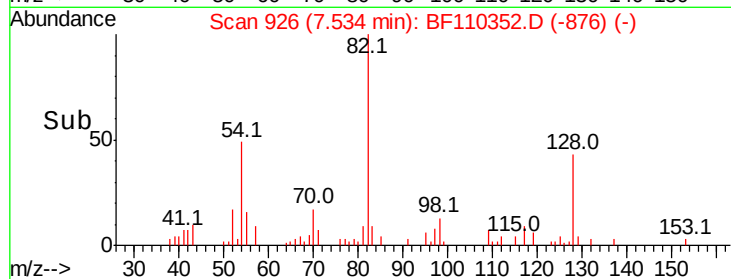
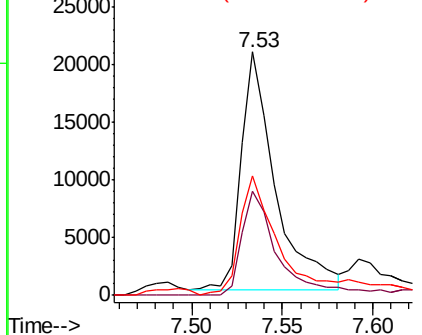
#23
 Nitrobenzene-d5
 Concen: 7.322 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF110352.D
 Acq: 1 Nov 2018 1:02

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Tot Ion	82	Resp	27287
Ion Ratio	Lower	Upper	
82	100		
128	42.8	34.2	51.2
54	49.3	38.6	58.0

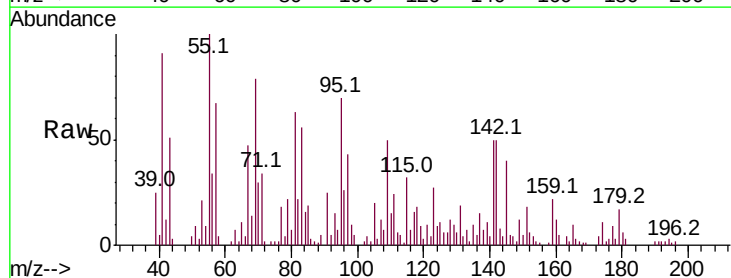


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

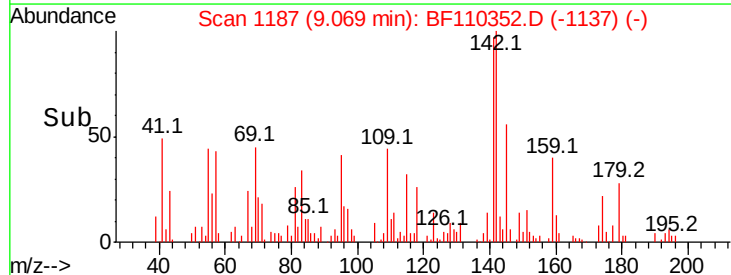
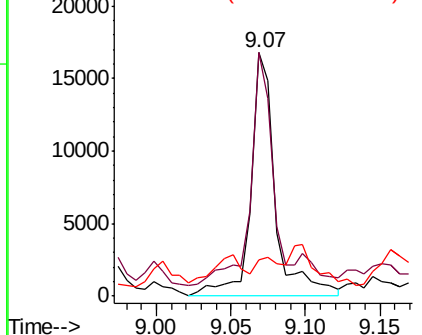


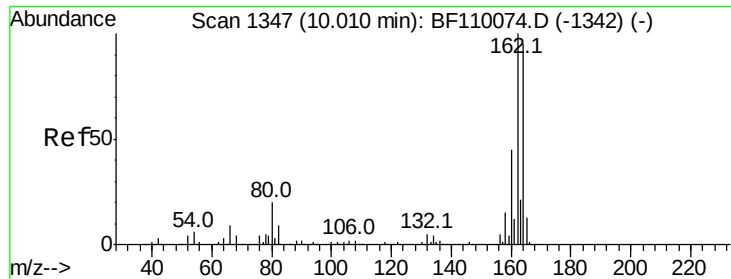
#38
 1-Methylnaphthalene
 Concen: 2.909 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF110352.D
 Acq: 1 Nov 2018 1:02

Tgt Ion	142	Resp	18949
Ion Ratio	Lower	Upper	
142	100		
141	100.2	74.2	111.4
116	14.7	2.6	4.0#



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

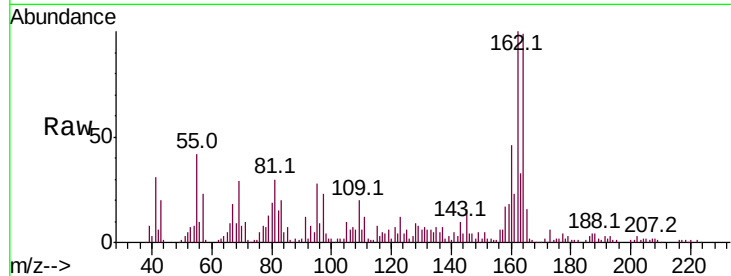




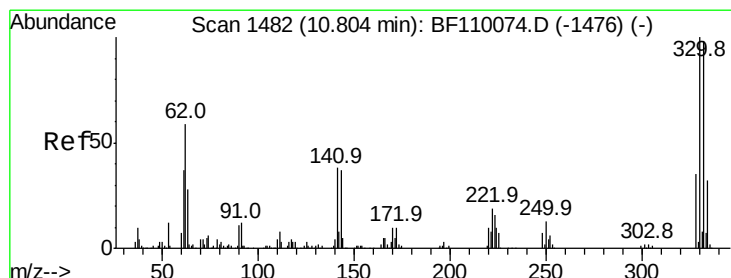
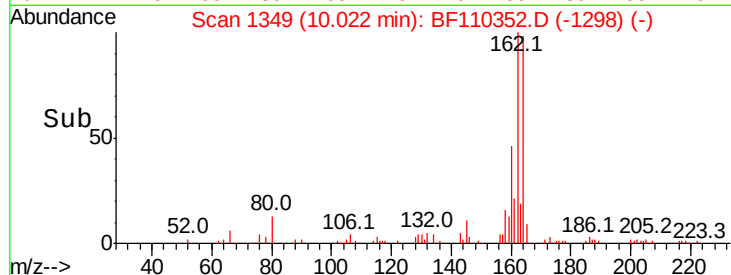
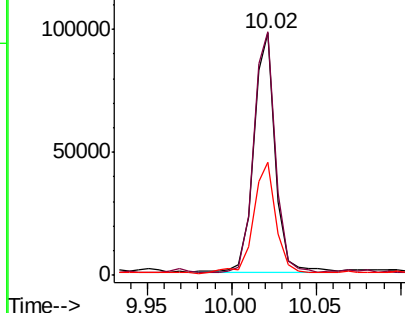
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF110352.D
 Acq: 1 Nov 2018 1:02

Instrument :
 BNA_F
 ClientSampled :
 T-1

Tot Ion:164 Resp: 86690
 Ion Ratio Lower Upper
 164 100
 162 100.5 83.0 124.6
 160 46.7 37.0 55.6

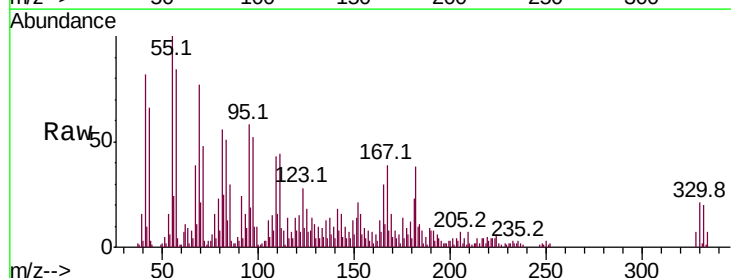


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

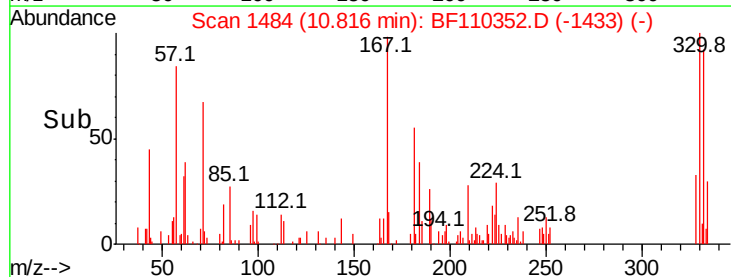
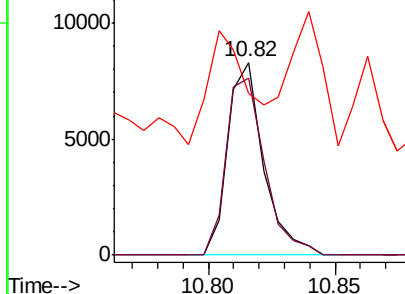


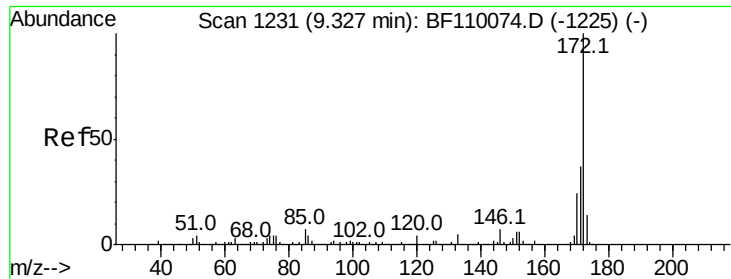
#42
 2,4,6-Tribromophenol
 Concen: 9.461 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF110352.D
 Acq: 1 Nov 2018 1:02

Tgt Ion:330 Resp: 8124
 Ion Ratio Lower Upper
 330 100
 332 100.1 77.1 115.7
 141 64.5 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

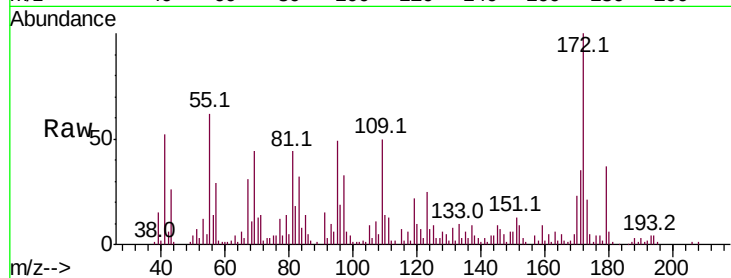




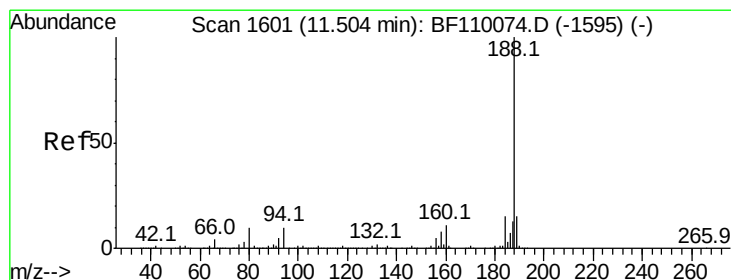
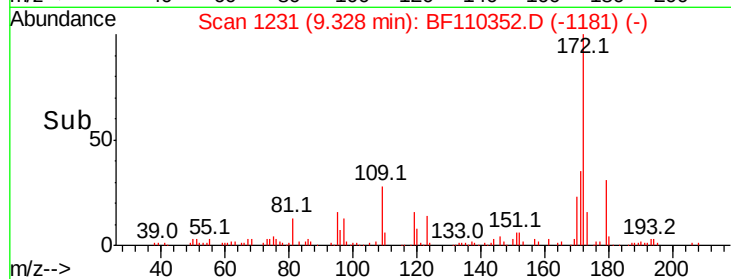
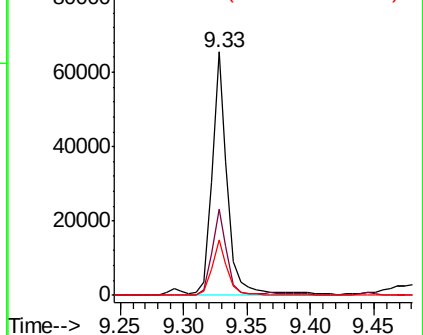
#45
 2-Fluorobiphenyl
 Concen: 10.182 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110352.D
 Acq: 1 Nov 2018 1:02

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Tot Ion:172 Resp: 56214
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 22.9 19.7 29.5

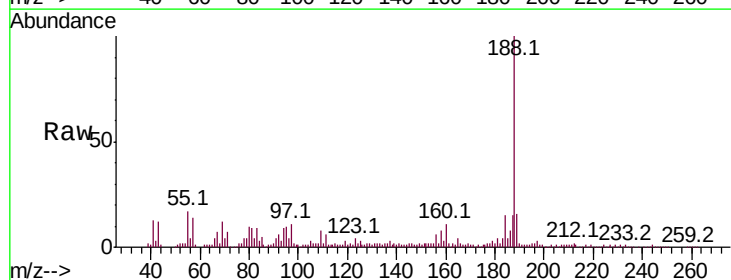


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

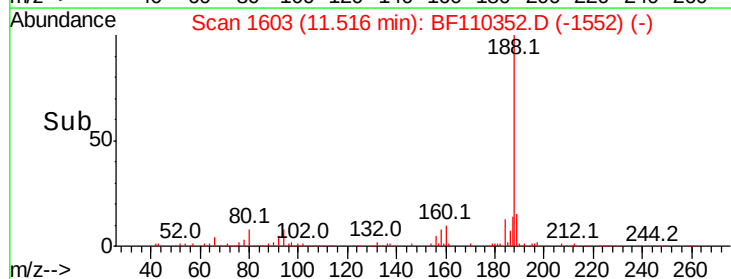
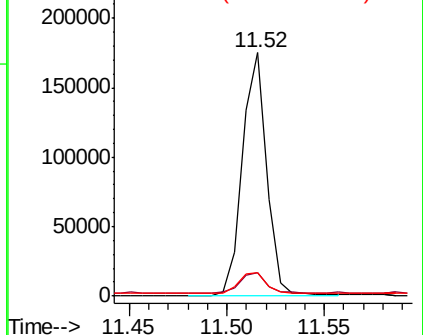


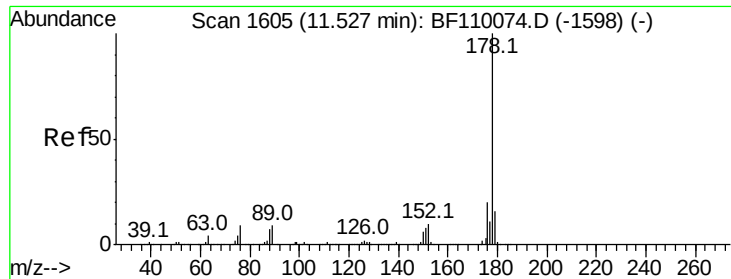
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF110352.D
 Acq: 1 Nov 2018 1:02

Tgt Ion:188 Resp: 149732
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.2 10.8
 80 9.5 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: 3.131 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF110352.D

Acq: 1 Nov 2018 1:02

Instrument :

BNA_F

ClientSampleId :

T-1

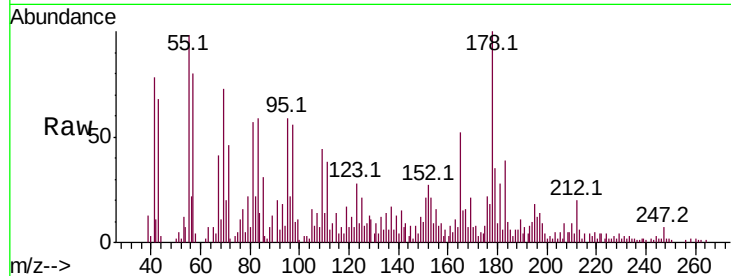
Tot Ion:178 Resp: 24528

Ion Ratio Lower Upper

178 100

176 21.9 15.5 23.3

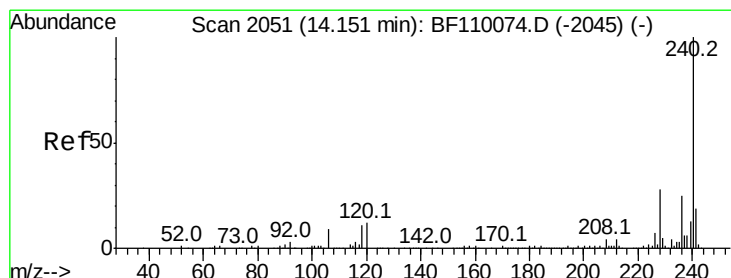
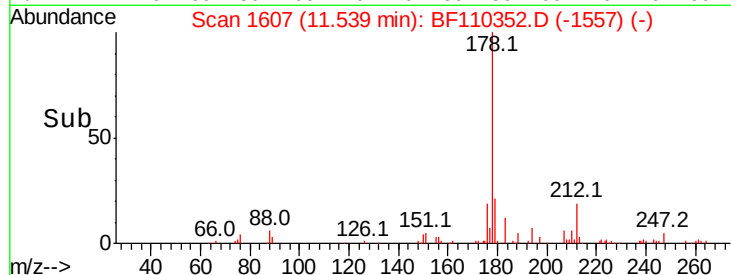
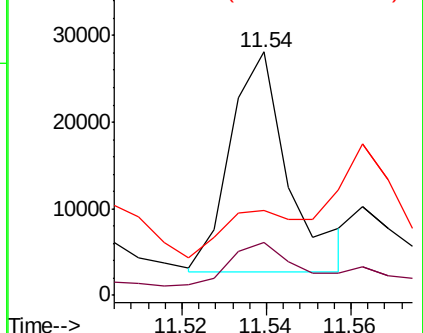
179 35.1 12.5 18.7#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110352.D

Acq: 1 Nov 2018 1:02

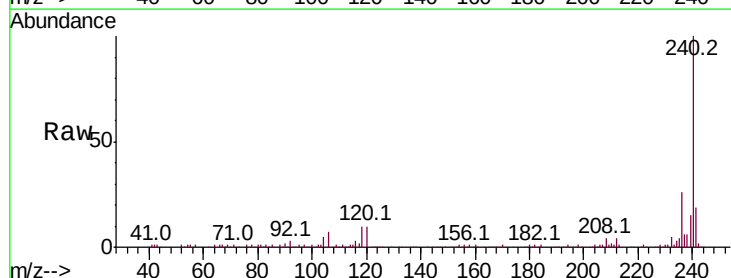
Tgt Ion:240 Resp: 166160

Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

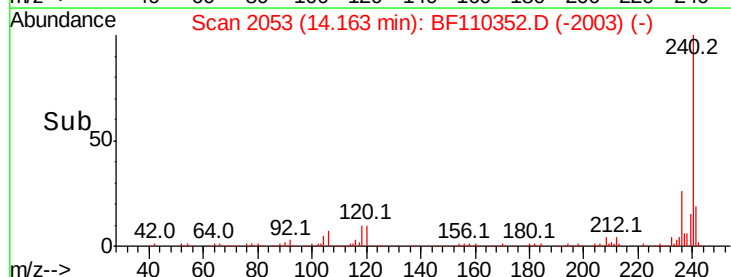
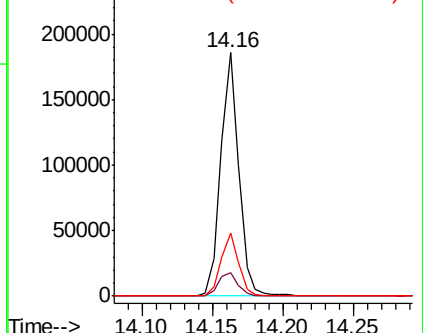
236 25.9 21.2 31.8

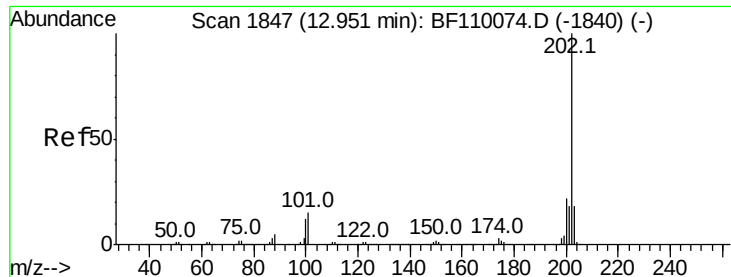


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

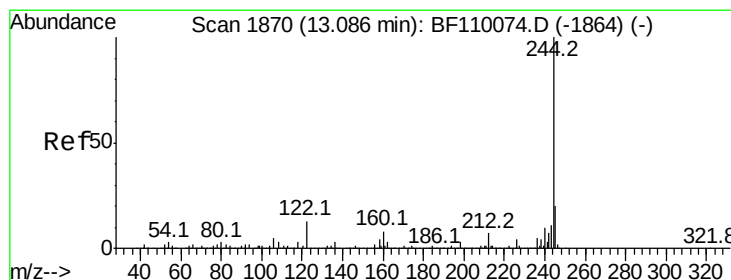
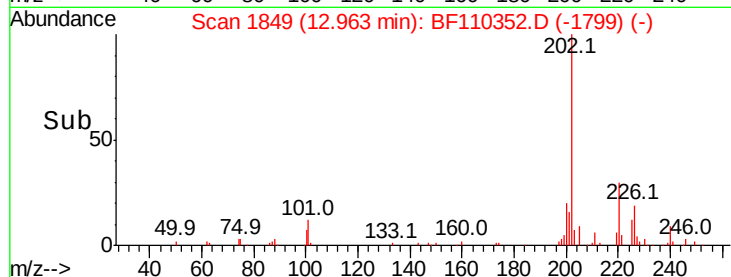
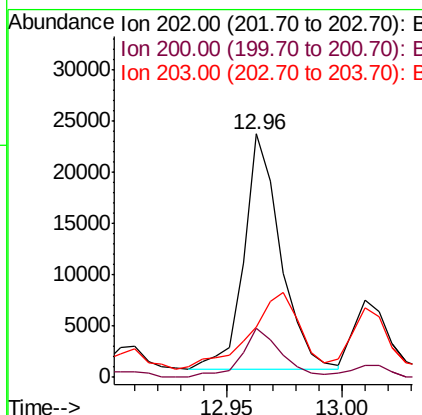
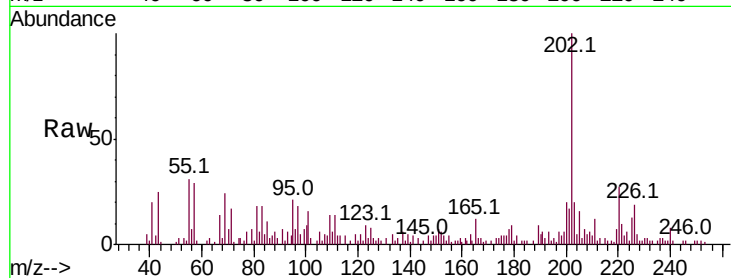




#78
Pvrene
Concen: 2.143 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF110352.D
Acq: 1 Nov 2018 1:02

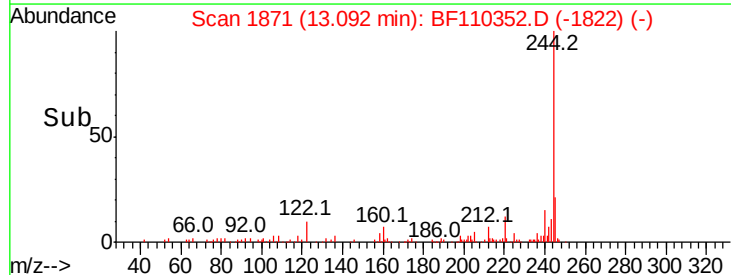
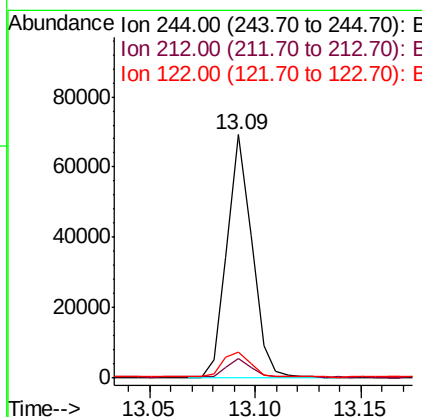
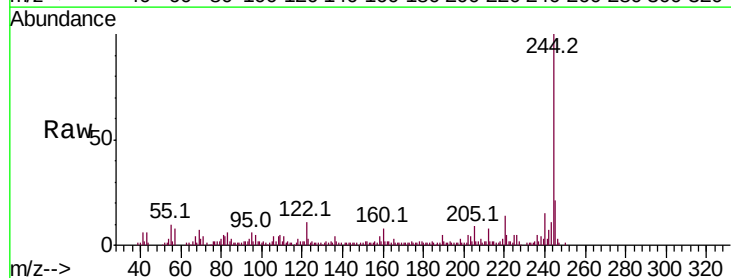
Instrument :
BNA_F
ClientSampleId :
T-1

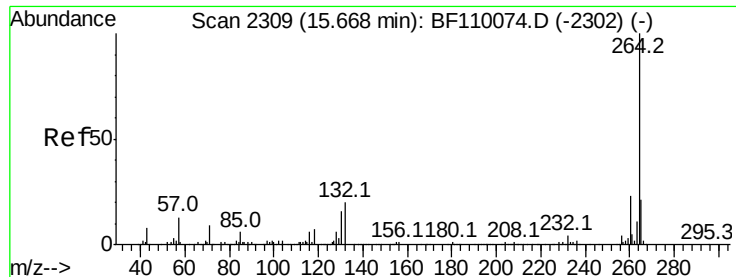
Tot Ion:202 Resp: 25525
Ion Ratio Lower Upper
202 100
200 20.0 17.8 26.6
203 20.5 14.2 21.4



#79
Terphenyl-d14
Concen: 7.172 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110352.D
Acq: 1 Nov 2018 1:02

Tgt Ion:244 Resp: 57302
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 10.9 8.7 13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BF110352.D
Acq: 1 Nov 2018 1:02

Instrument :
BNA_F
ClientSampleId :
T-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.7	16.7	25.1

