

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110338.D
 Acq On : 31 Oct 2018 17:41
 Operator : JU/SJ
 Sample : J5728-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EG-DRUM

Quant Time: Nov 01 04:20:17 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

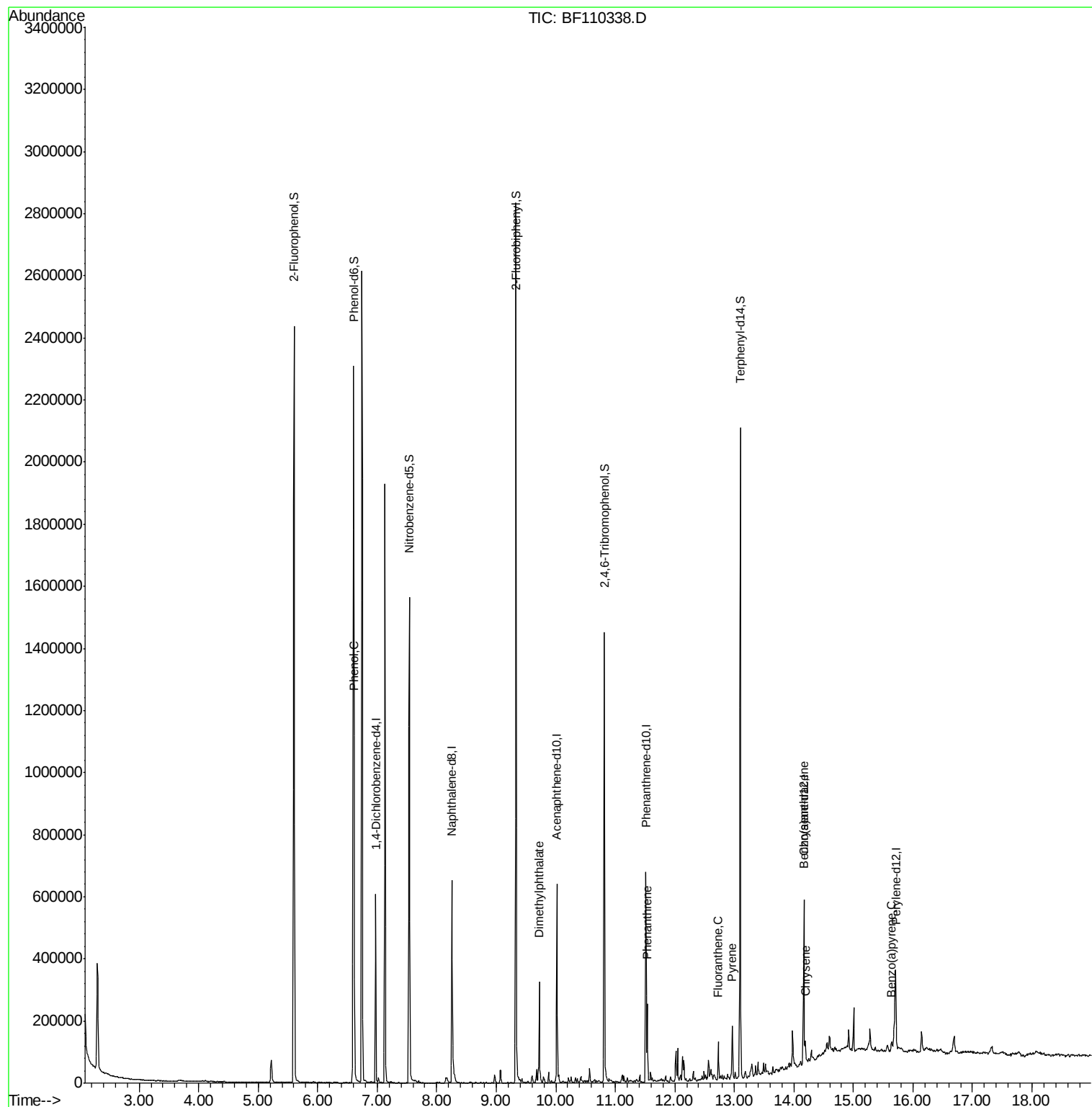
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	80223	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	320056	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	138683	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	240678	20.00	ng	0.00
76) Chrysene-d12	14.17	240	167606	20.00	ng	0.00
87) Perylene-d12	15.71	264	123900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	664471	134.88	ng	0.01
7) Phenol-d6	6.60	99	825280	130.97	ng	0.00
23) Nitrobenzene-d5	7.54	82	491921	91.16	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	173900	126.59	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	878896	99.51	ng	0.00
79) Terphenyl-d14	13.10	244	699055	86.74	ng	0.00
Target Compounds						
10) Phenol	6.62	94	55313	8.212	ng	# 64
50) Dimethylphthalate	9.72	163	134971	13.184	ng	# 98
71) Phenanthrene	11.54	178	94275	7.486	ng	99
75) Fluoranthene	12.73	202	41863	3.275	ng	99
78) Pyrene	12.96	202	73006	6.076	ng	97
81) Benzo(a)anthracene	14.16	228	23965	2.411	ng	# 86
83) Chrysene	14.19	228	23055	2.442	ng	# 96
90) Benzo(a)pyrene	15.64	252	13881	2.108	ng	# 91

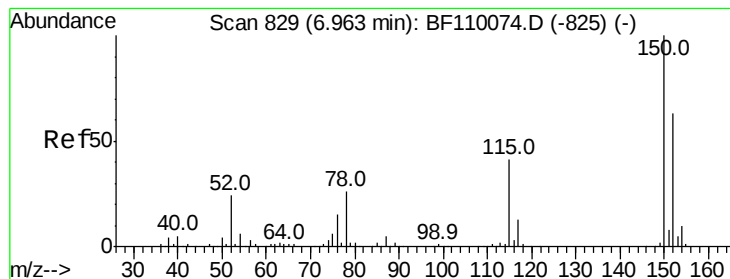
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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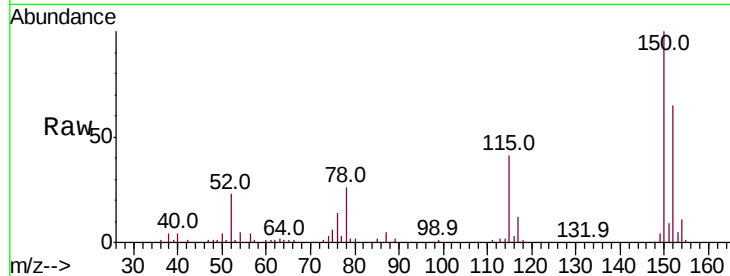


#1

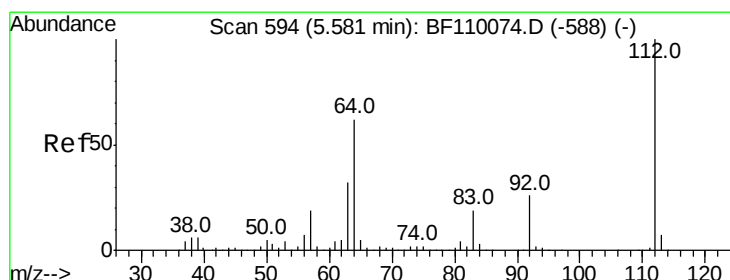
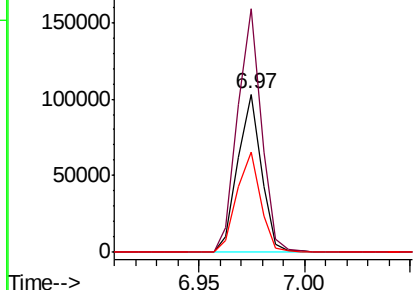
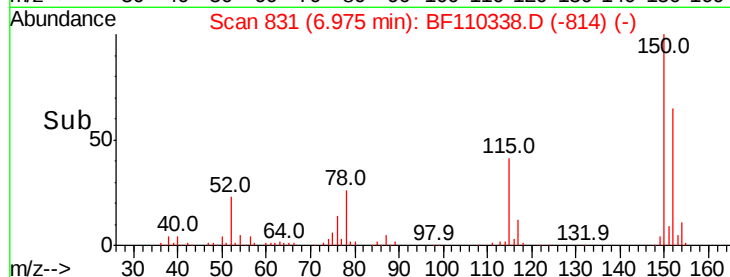
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF110338.D
 Acq: 31 Oct 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :
 EG-DRUM

Tot Ion:152 Resp: 80223
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.7 184.1
 115 63.1 49.1 73.7



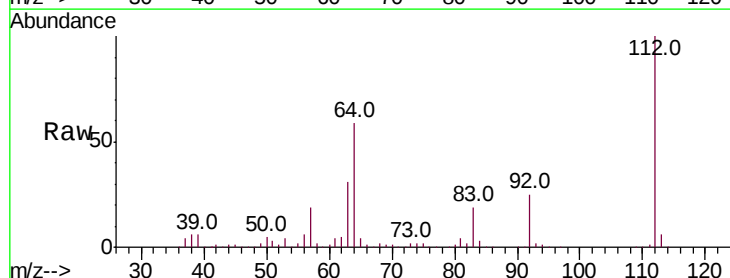
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



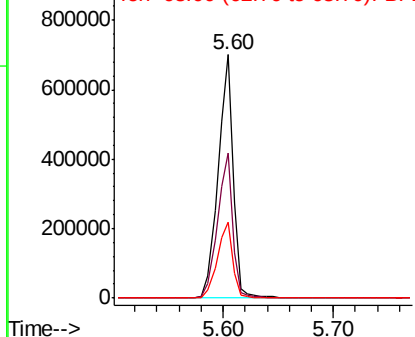
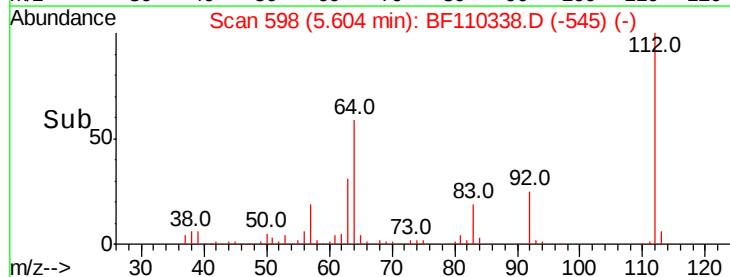
#5

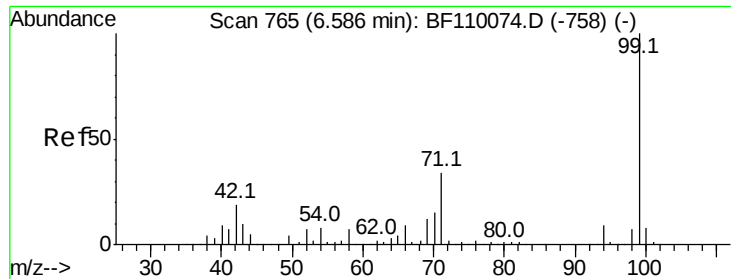
2-Fluorophenol
 Concen: 134.881 ng
 RT: 5.60 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF110338.D
 Acq: 31 Oct 2018 17:41

Tgt Ion:112 Resp: 664471
 Ion Ratio Lower Upper
 112 100
 64 59.3 44.1 66.1
 63 31.3 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: 130.973 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110338.D

Acq: 31 Oct 2018 17:41

Instrument :

BNA_F

ClientSampled :

EG-DRUM

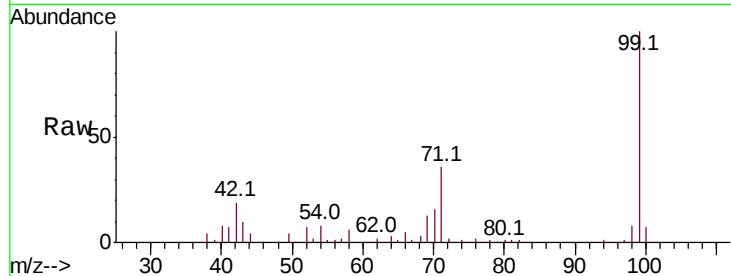
Tot Ion: 99 Resp: 825280

Ion Ratio Lower Upper

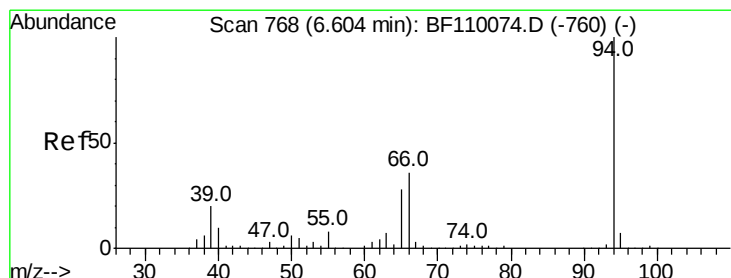
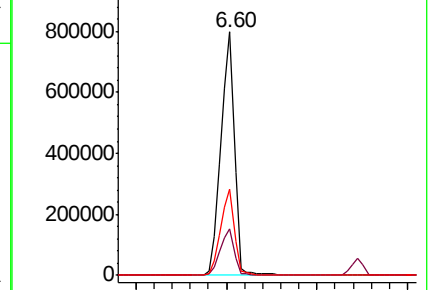
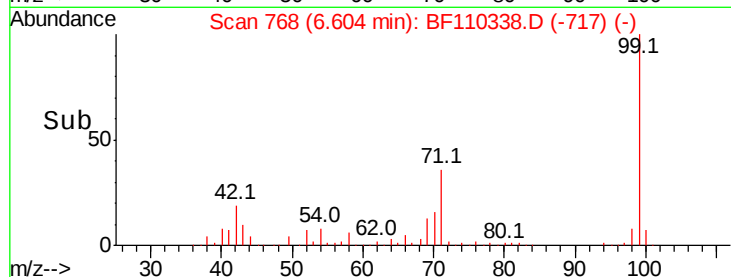
99 100

42 19.3 15.8 23.6

71 35.6 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



#10

Phenol

Concen: 8.212 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF110338.D

Acq: 31 Oct 2018 17:41

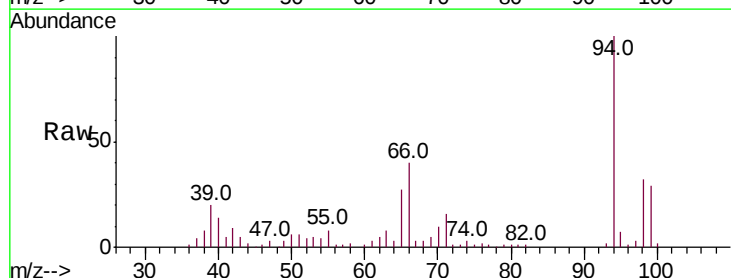
Tgt Ion: 94 Resp: 55313

Ion Ratio Lower Upper

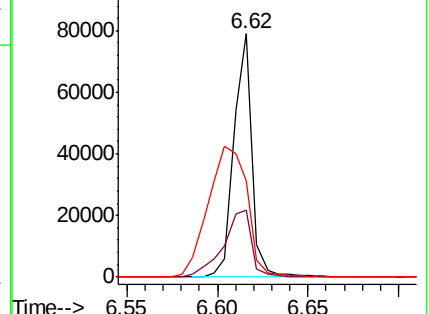
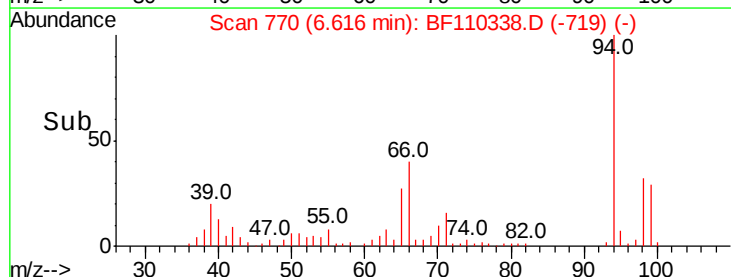
94 100

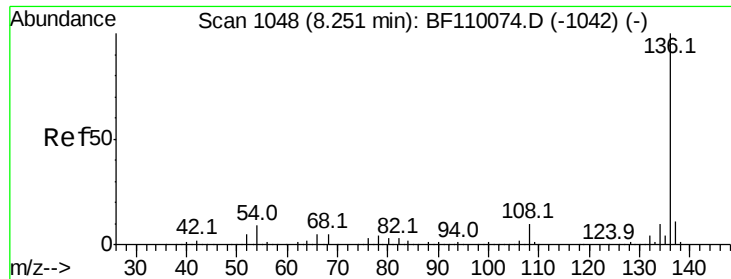
65 27.3 25.3 65.3

66 39.5 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

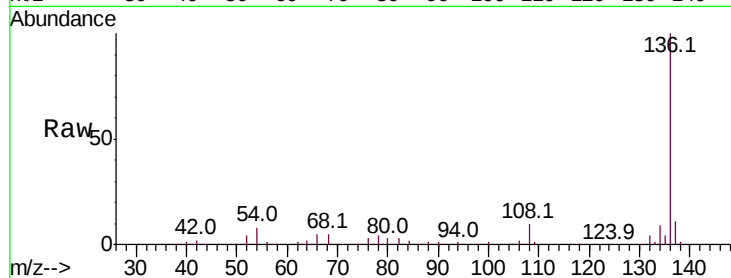




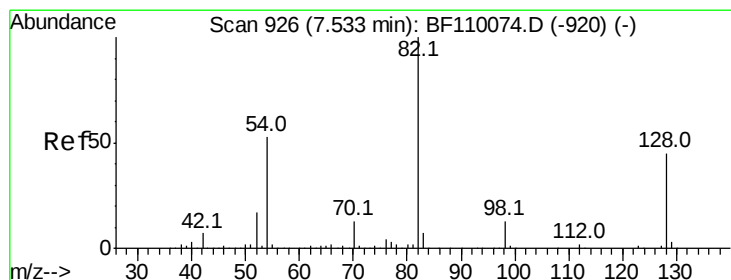
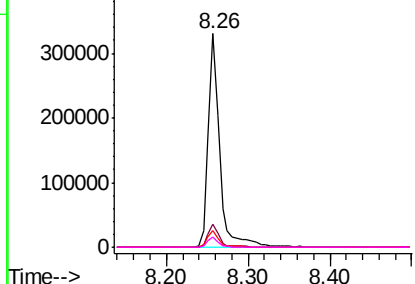
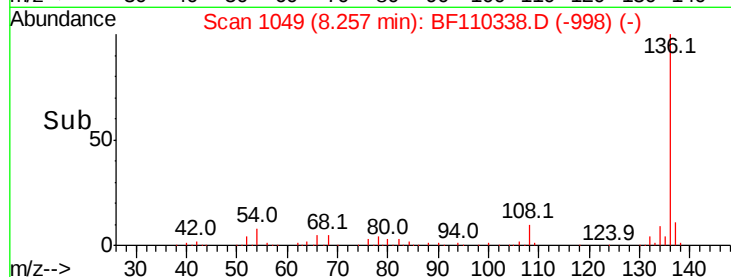
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :
EG-DRUM

Tot Ion:	136	Resp:	320056
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	5.4	8.2
68	5.0	4.2	6.2

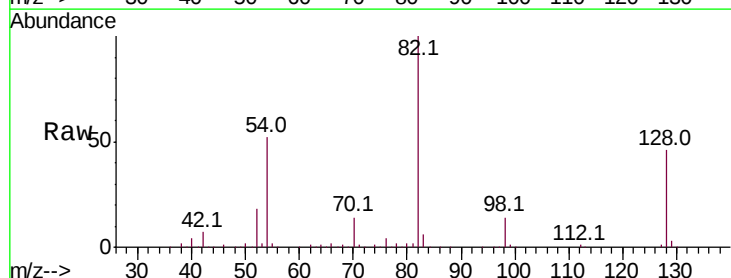


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

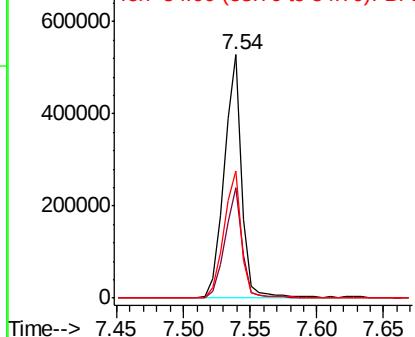
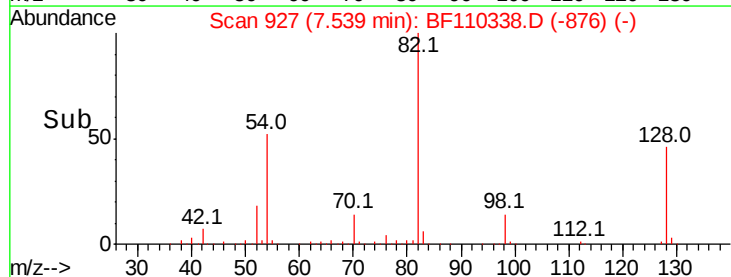


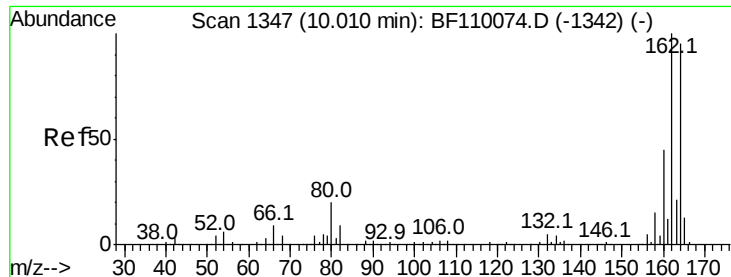
#23
Nitrobenzene-d5
Concen: 91.163 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:	82	Resp:	491921
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	52.1	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

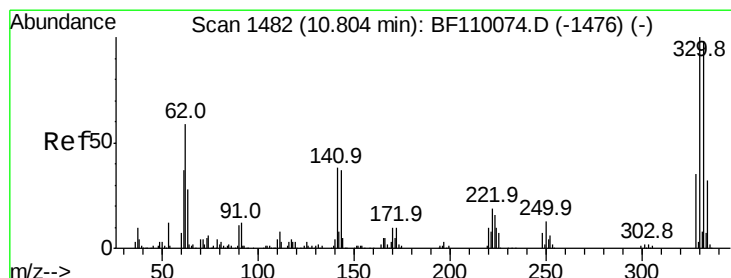
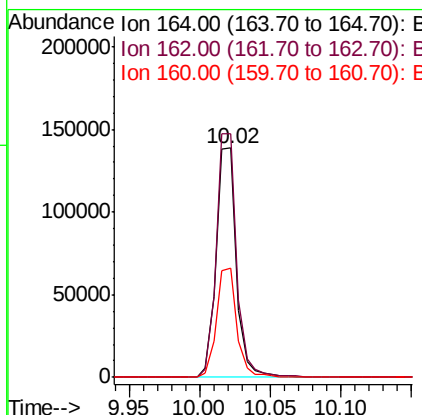
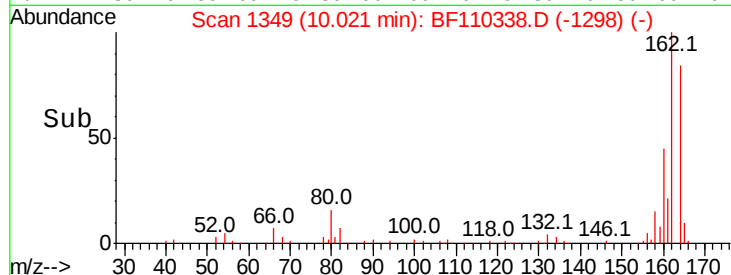
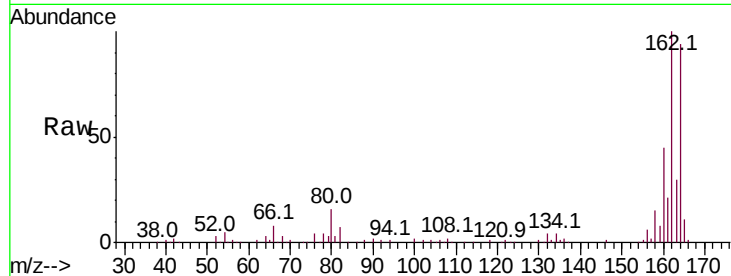




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

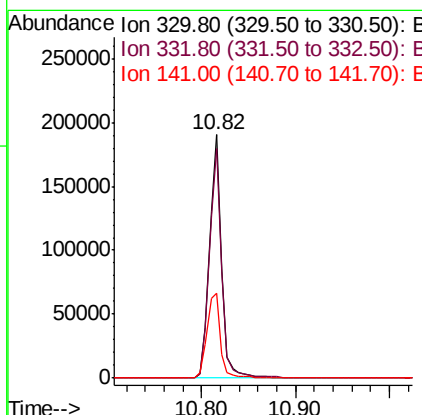
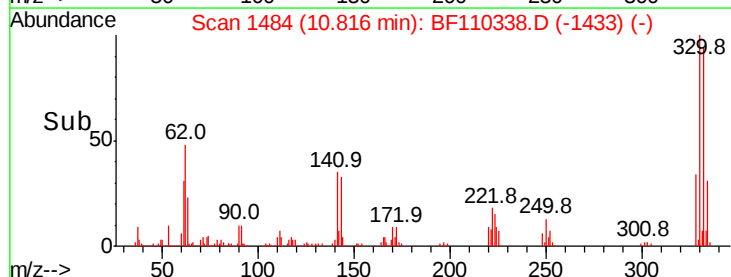
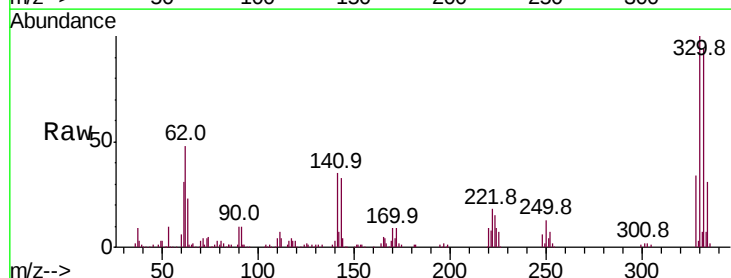
Instrument :
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ClientSampleId :
EG-DRUM

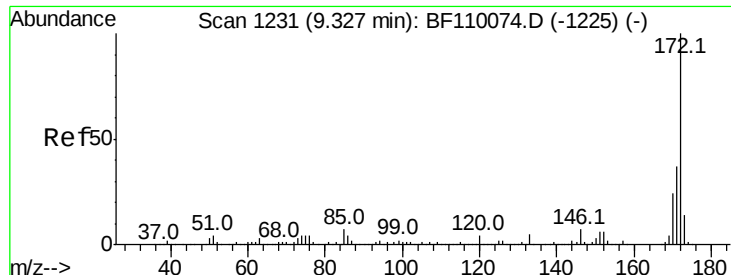
Tot Ion:164 Resp: 138683
Ion Ratio Lower Upper
164 100
162 106.2 83.0 124.6
160 47.6 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 126.588 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:330 Resp: 173900
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 38.9 27.0 40.4

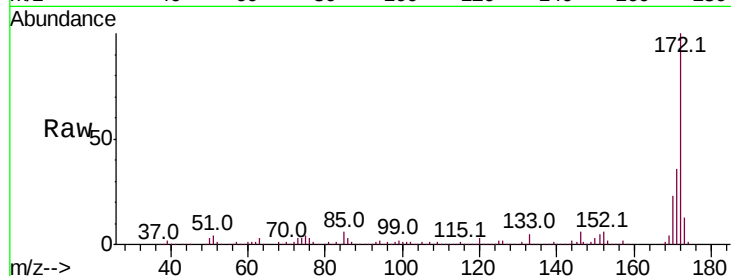




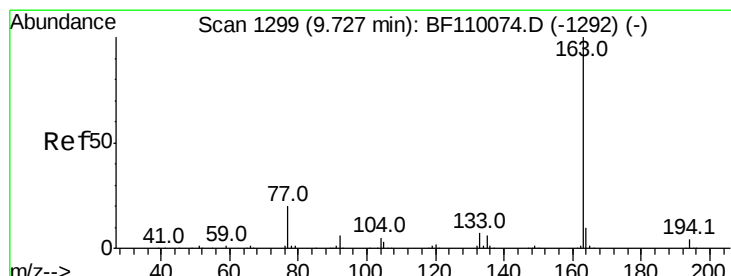
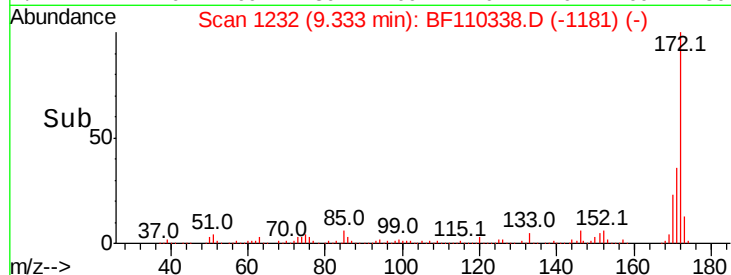
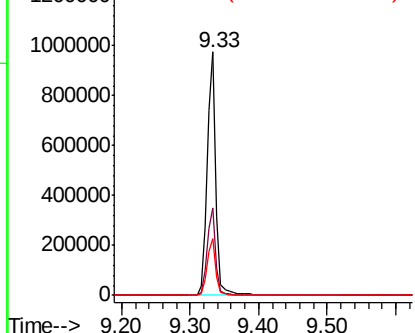
#45
 2-Fluorobiphenyl
 Concen: 99.514 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF110338.D
 Acq: 31 Oct 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :
 EG-DRUM

Tot Ion:172 Resp: 878896
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.4 19.7 29.5

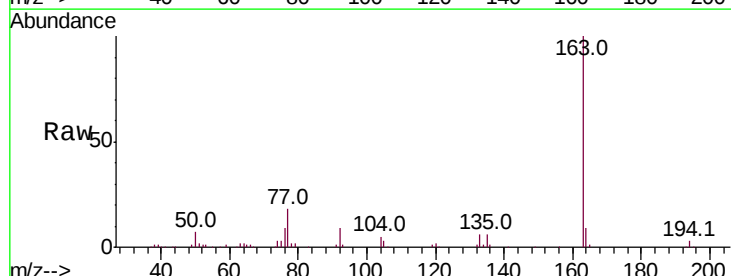


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

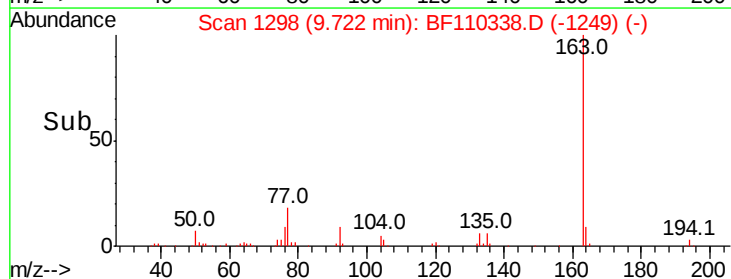
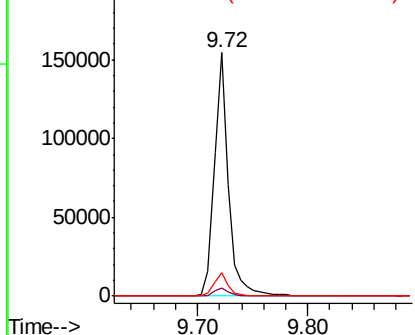


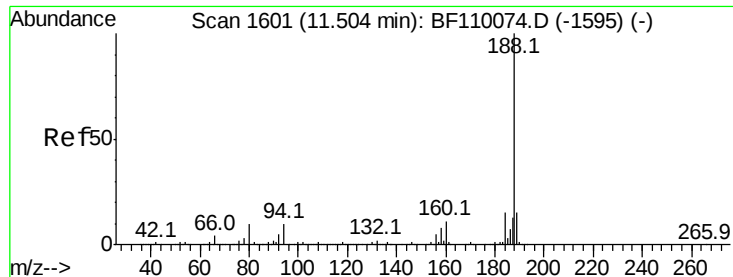
#50
 Dimethylphthalate
 Concen: 13.184 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF110338.D
 Acq: 31 Oct 2018 17:41

Tgt Ion:163 Resp: 134971
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.2 4.8#
 164 9.5 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: 11.52 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BF110338.D

Acq: 31 Oct 2018 17:41

Instrument :

BNA_F

ClientSampleId :

EG-DRUM

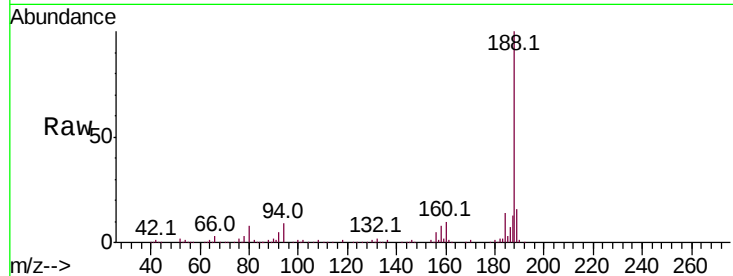
Tot Ion:188 Resp: 240678

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

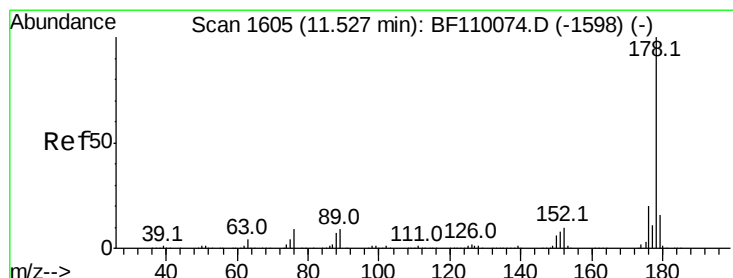
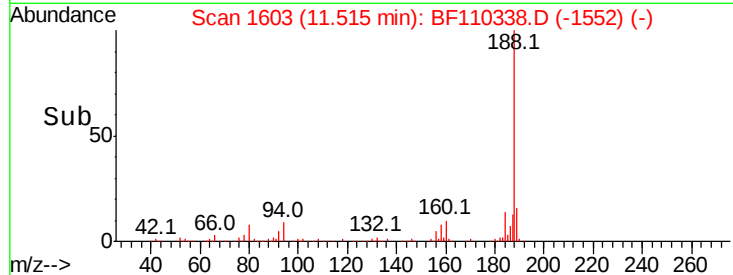
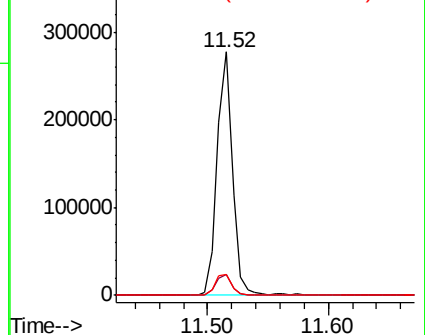
80 8.5 7.9 11.9



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: 7.486 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF110338.D

Acq: 31 Oct 2018 17:41

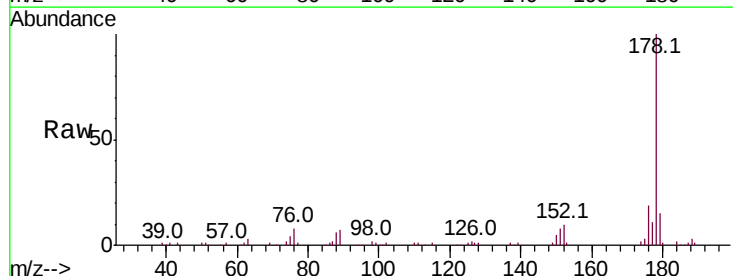
Tgt Ion:178 Resp: 94275

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

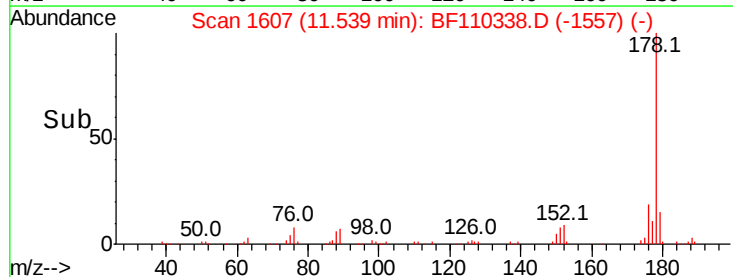
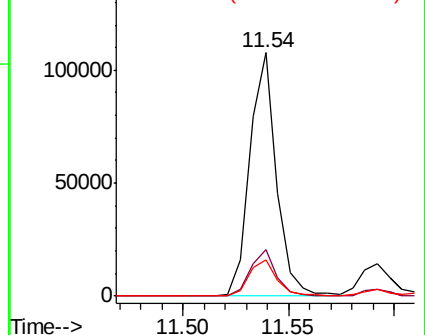
179 15.0 12.5 18.7

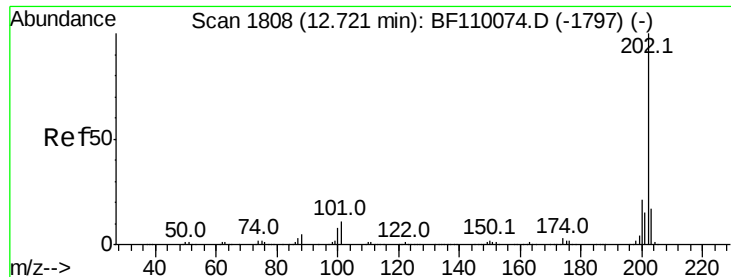


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 3.275 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF110338.D

Acq: 31 Oct 2018 17:41

Instrument :

BNA_F

ClientSampleId :

EG-DRUM

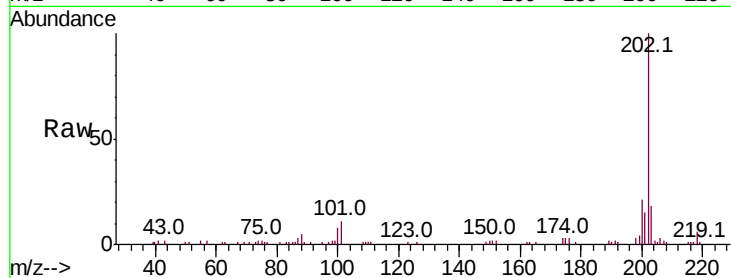
Tot Ion:202 Resp: 41863

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

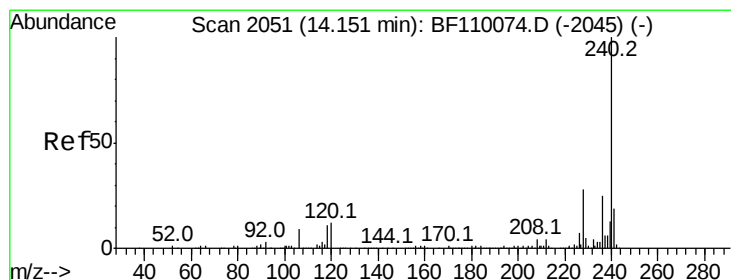
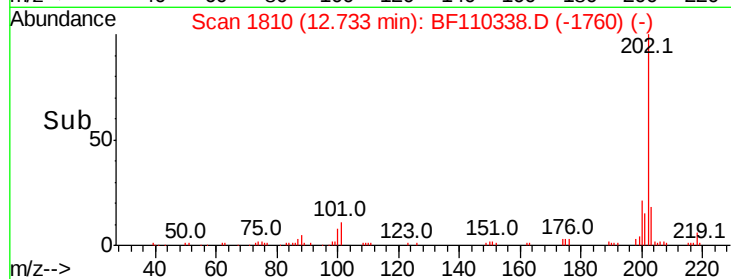
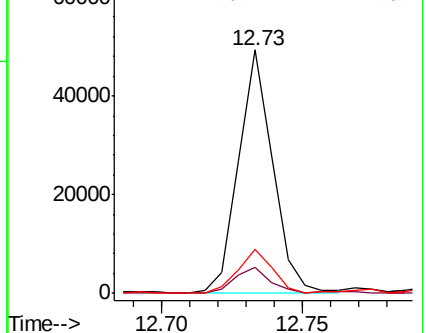
203 17.9 0.0 37.7



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: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF110338.D

Acq: 31 Oct 2018 17:41

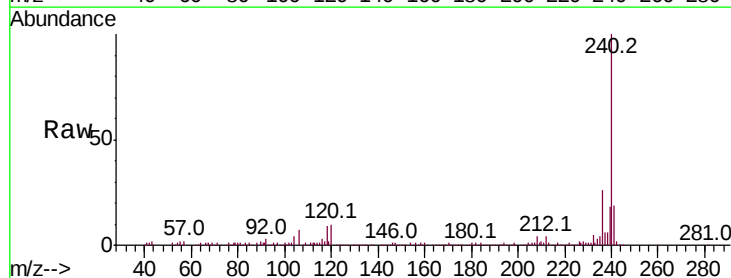
Tgt Ion:240 Resp: 167606

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

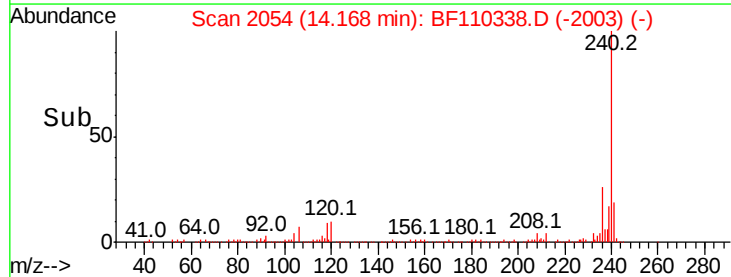
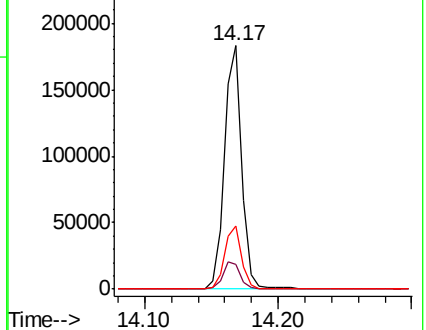
236 25.8 21.2 31.8

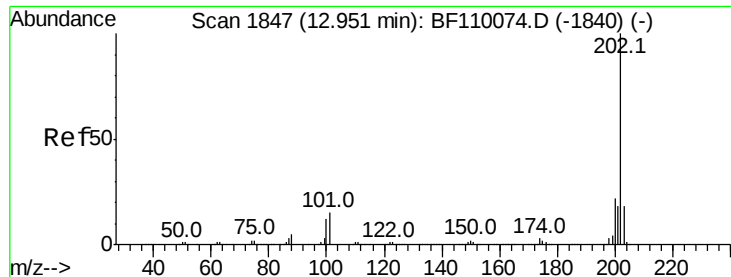


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

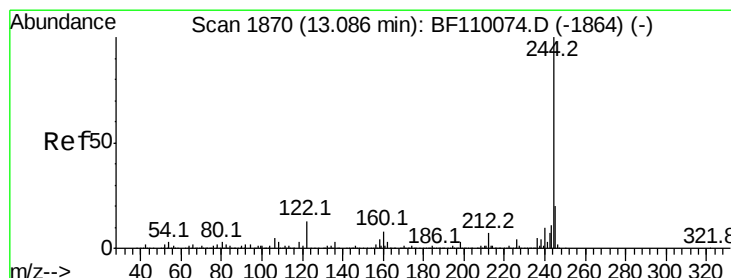
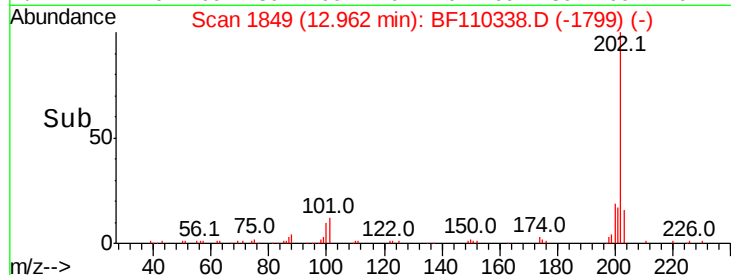
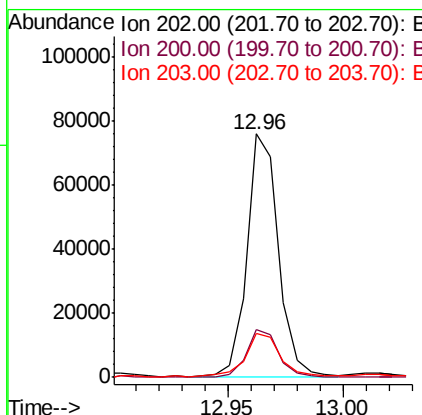
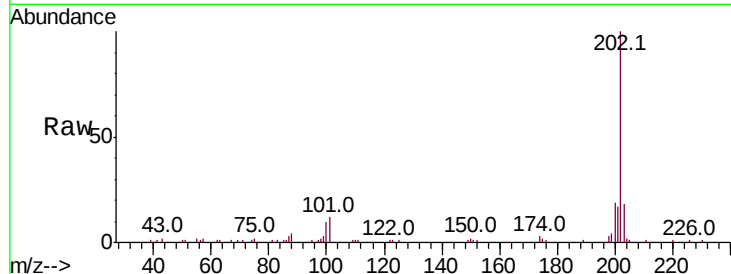




#78
Pvrene
Concen: 6.076 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

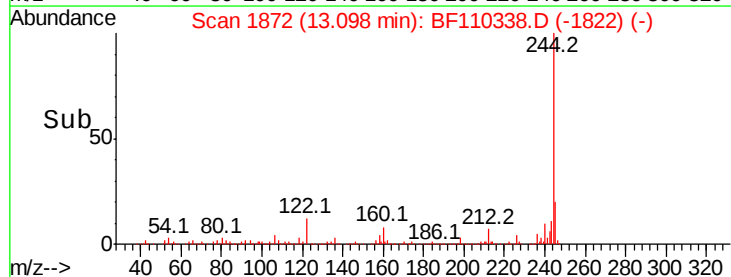
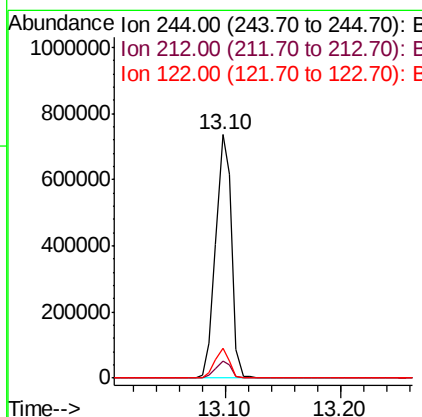
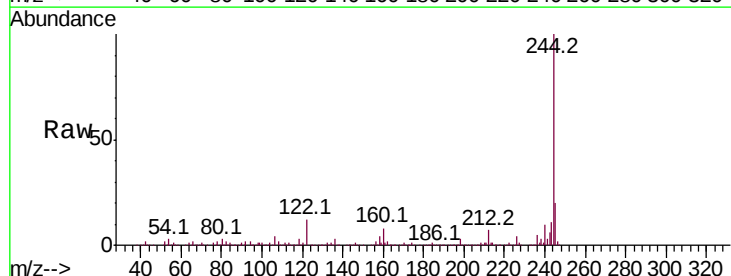
Instrument :
BNA_F
ClientSampleId :
EG-DRUM

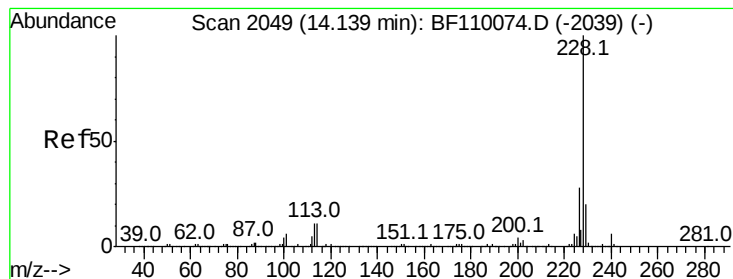
Tot Ion:202 Resp: 73006
Ion Ratio Lower Upper
202 100
200 19.5 17.8 26.6
203 18.0 14.2 21.4



#79
Terphenyl-d14
Concen: 86.741 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:244 Resp: 699055
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.2 8.7 13.1





#81

Benzo(a)anthracene

Concen: 2.411 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110338.D

Acq: 31 Oct 2018 17:41

Instrument :

BNA_F

ClientSampleId :

EG-DRUM

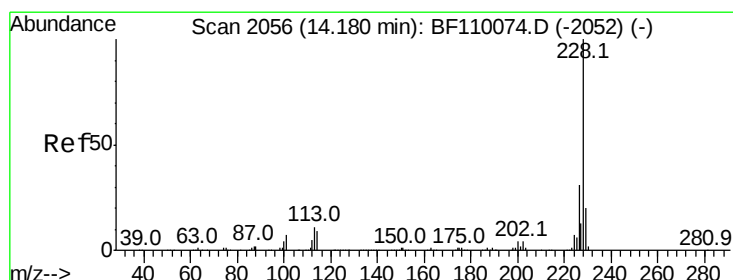
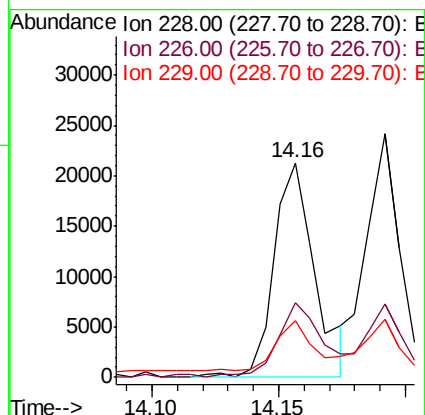
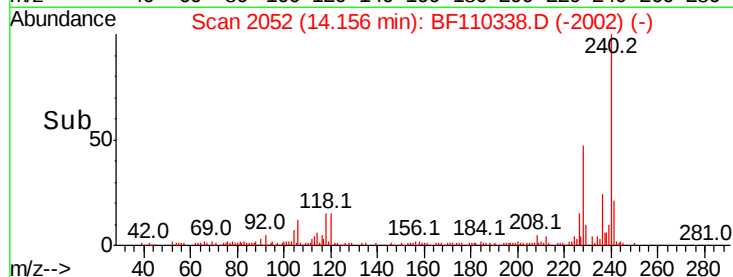
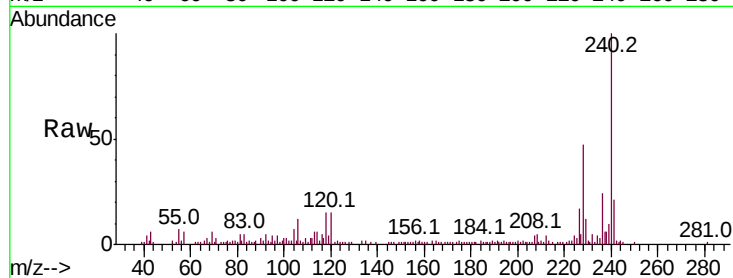
Tot Ion:228 Resp: 23965

Ion Ratio Lower Upper

228 100

226 34.9 22.1 33.1#

229 26.3 15.6 23.4#



#83

Chrysene

Concen: 2.442 ng

RT: 14.19 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF110338.D

Acq: 31 Oct 2018 17:41

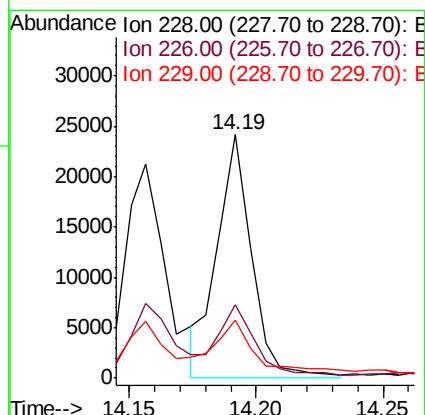
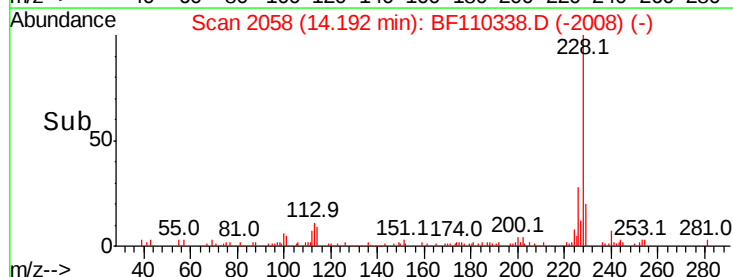
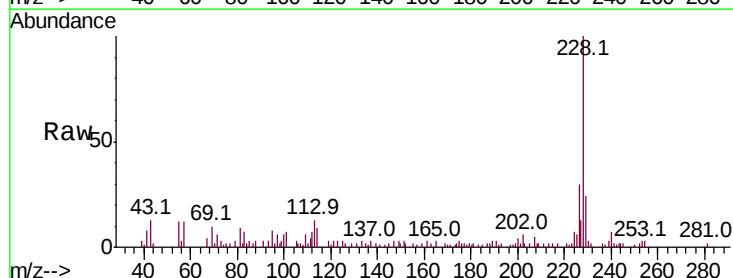
Tgt Ion:228 Resp: 23055

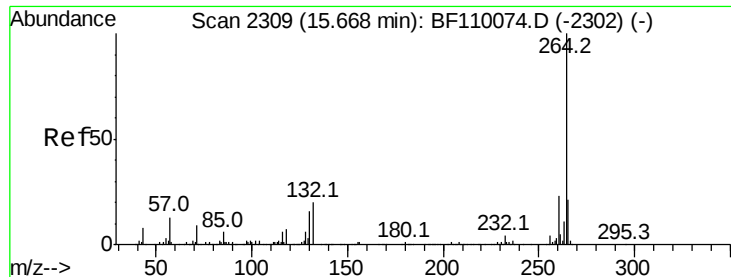
Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

229 24.0 15.9 23.9#



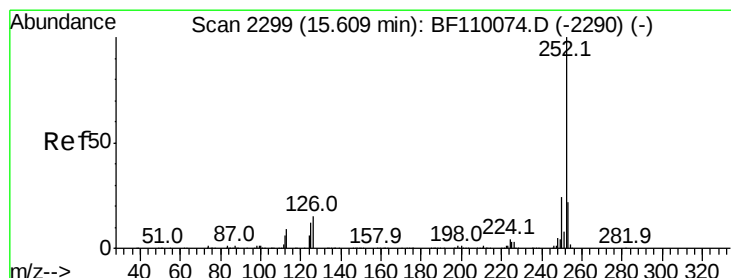
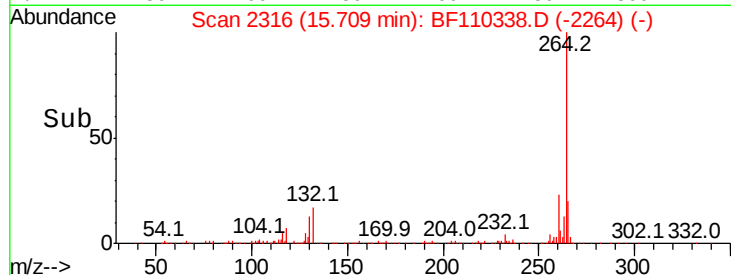
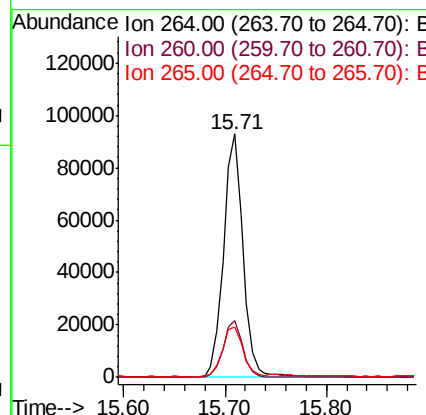
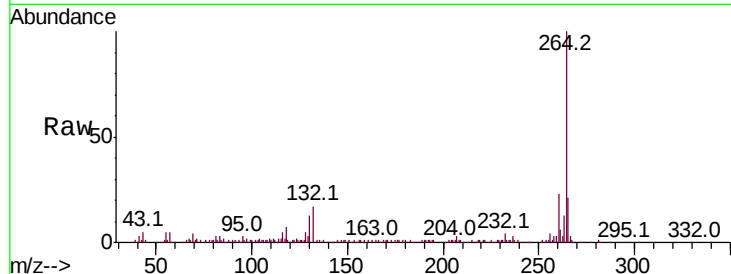


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.01 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :
EG-DRUM

Tot Ion:264 Resp: 123900

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.8	16.7	25.1



#90
Benzo(a)pyrene
Concen: 2.108 ng
RT: 15.64 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:252 Resp: 13881

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	19.3	9.0	13.6

