

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110833.D
 Acq On : 16 Nov 2018 22:44
 Operator : JU/SJ
 Sample : J5975-03 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB44949

Quant Time: Nov 17 00:33:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57472	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	249629	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	113097	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	177386	20.00	ng	0.00
76) Chrysene-d12	14.13	240	143913	20.00	ng	-0.01
87) Perylene-d12	15.66	264	112280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	7.53	82	1390	0.32	ng	0.02
42) 2,4,6-Tribromophenol	10.79	330	265	0.23	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	4976	0.63	ng	-0.01
79) Terphenyl-d14	13.06	244	3931	0.51	ng	-0.01

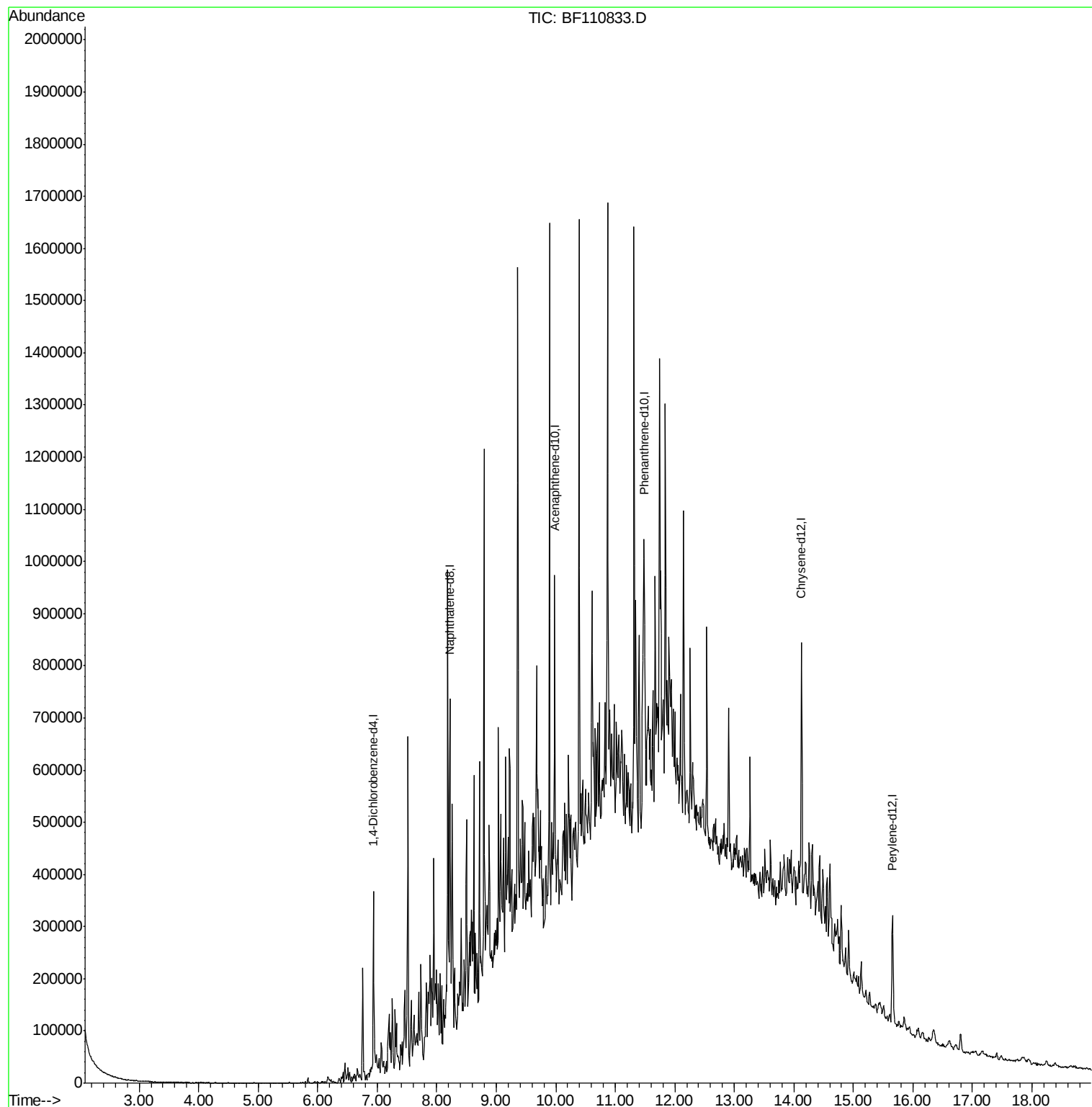
Target Compounds Qvalue

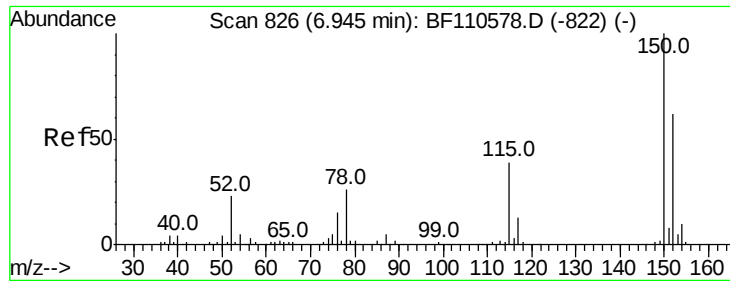
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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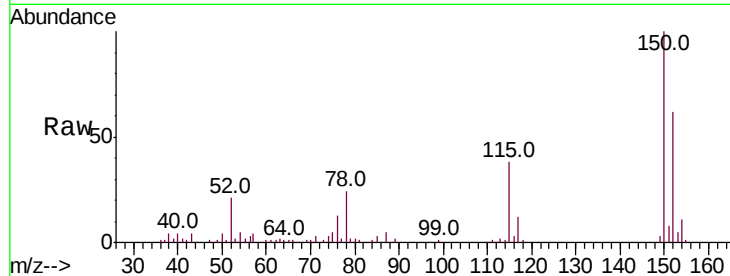


#1

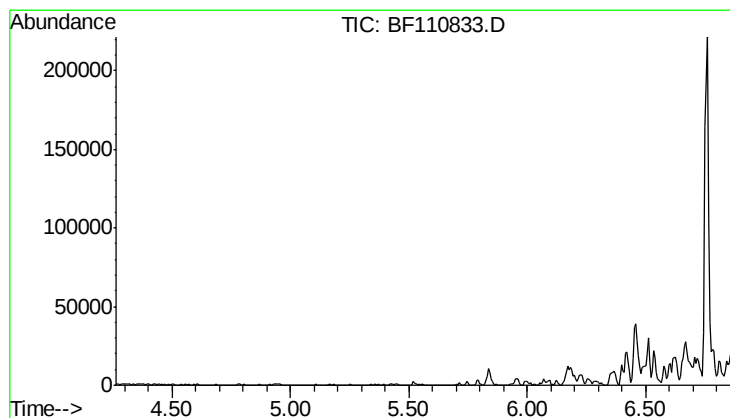
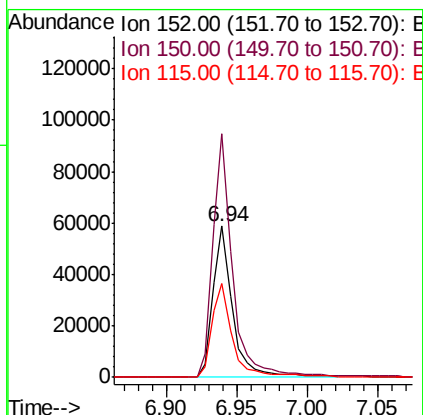
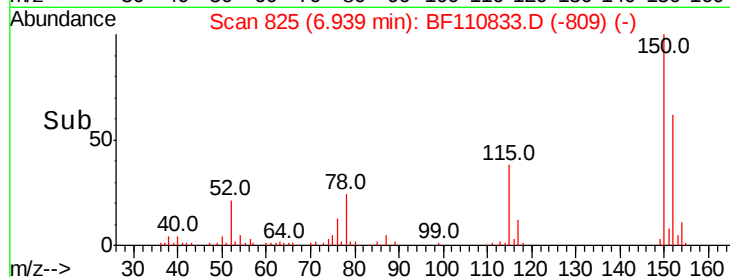
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110833.D
 Acq: 16 Nov 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
 VB44949

Tot Ion:152 Resp: 57472
 Ion Ratio Lower Upper
 152 100
 150 161.4 122.7 184.1
 115 62.1 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

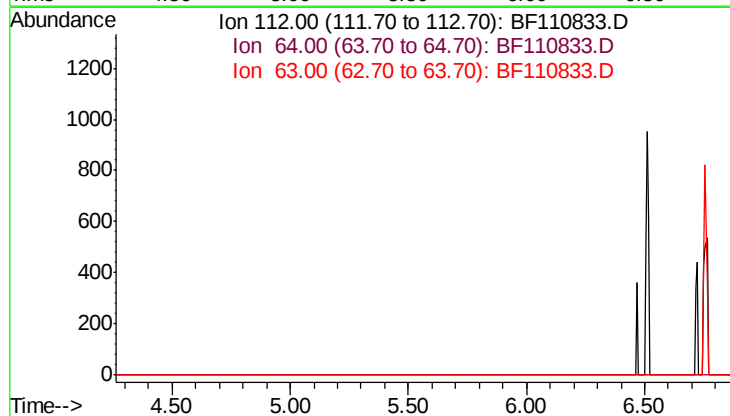


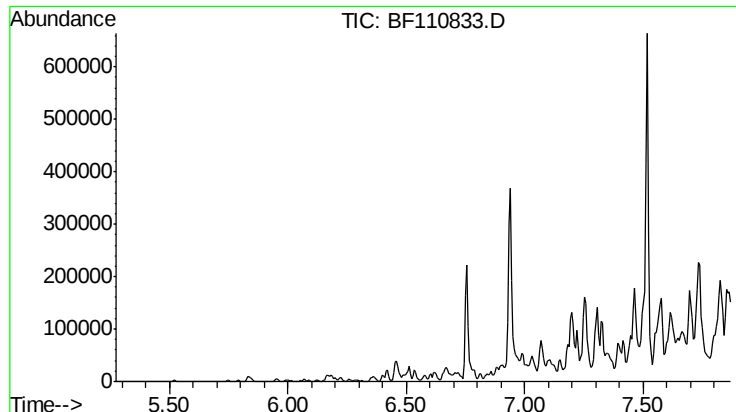
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.56 min

Lab File: BF110833.D
 Acq: 16 Nov 2018 22:44

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 55.1
 63 29.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.57 min

Lab File: BF110833.D

Acq: 16 Nov 2018 22:44

Instrument :

BNA_F

ClientSampleId :

VB44949

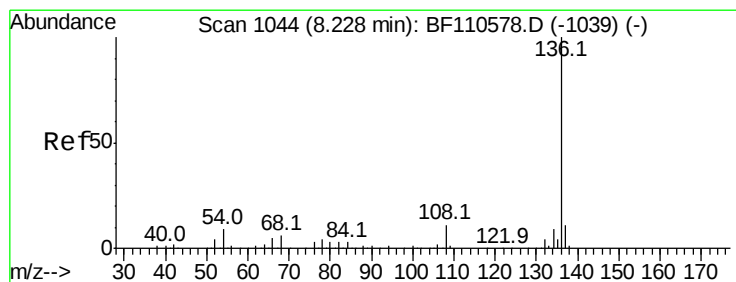
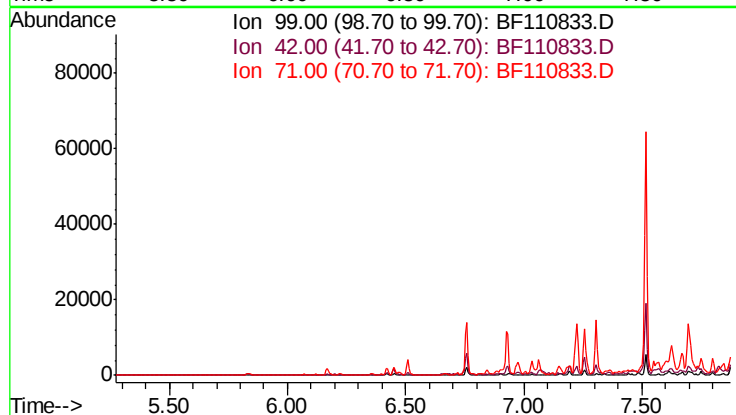
Tot Ion: 99

Sig Exp Ratio

99 100

42 19.7

71 35.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110833.D

Acq: 16 Nov 2018 22:44

Tgt Ion:136 Resp: 249629

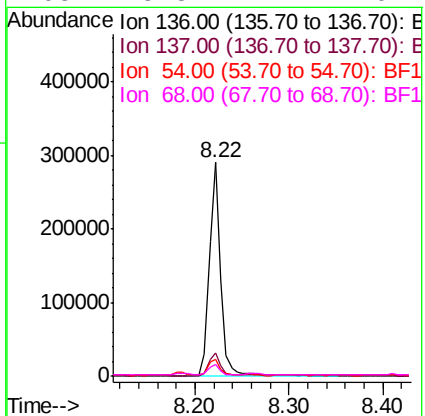
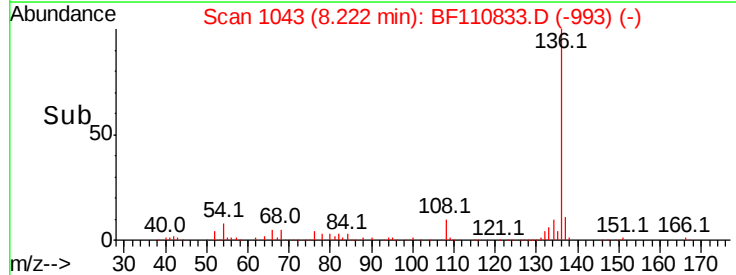
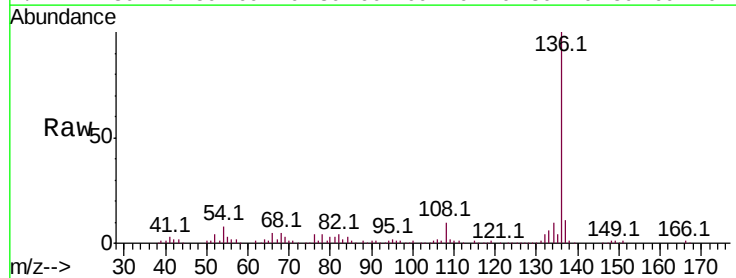
Ion Ratio Lower Upper

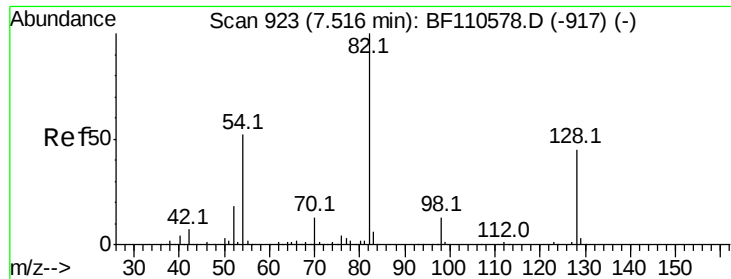
136 100

137 11.0 8.8 13.2

54 7.9 5.4 8.2

68 5.3 4.2 6.2

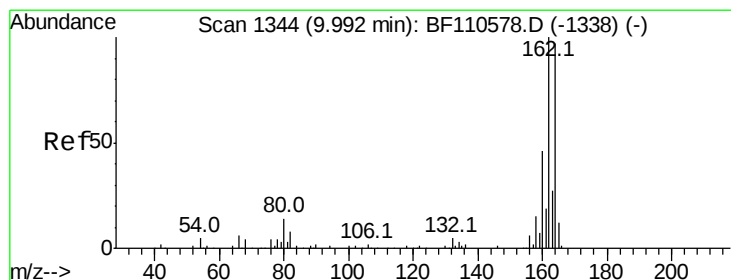
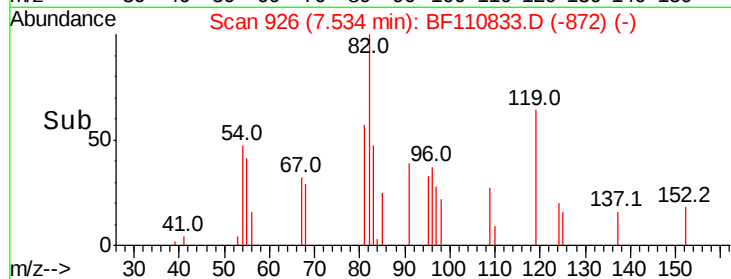
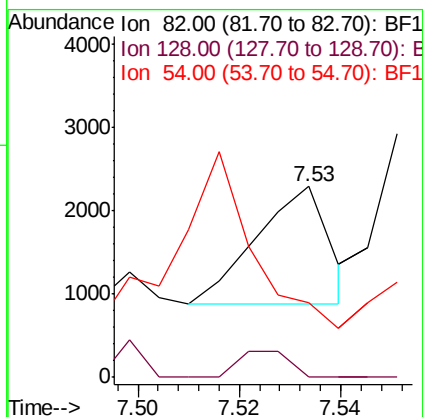
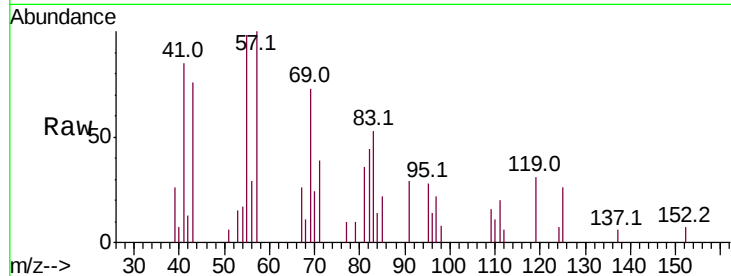




#23
Nitrobenzene-d5
Concen: 0.321 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.02 min
Lab File: BF110833.D
Acq: 16 Nov 2018 22:44

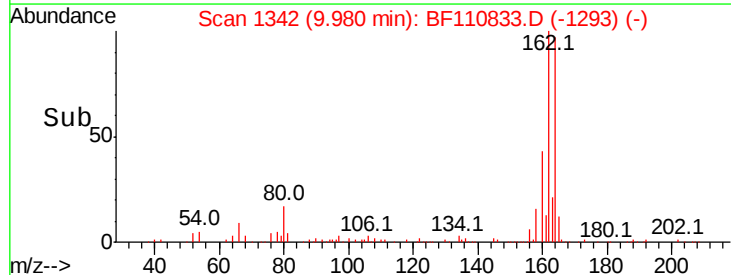
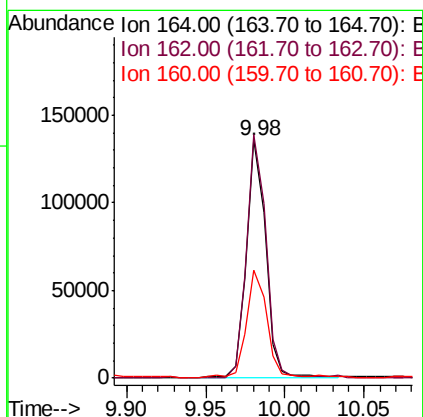
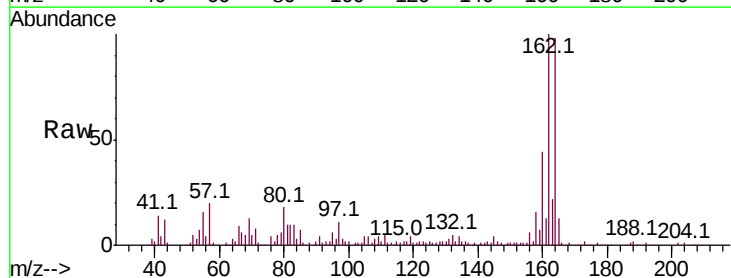
Instrument :
BNA_F
ClientSampleId :
VB44949

Tot Ion: 82 Resp: 1390
Ion Ratio Lower Upper
82 100
128 0.0 34.2 51.2#
54 39.2 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110833.D
Acq: 16 Nov 2018 22:44

Tgt Ion:164 Resp: 113097
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.6
160 45.2 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 0.233 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF110833.D

Acq: 16 Nov 2018 22:44

Instrument :

BNA_F

ClientSampled :

VB44949

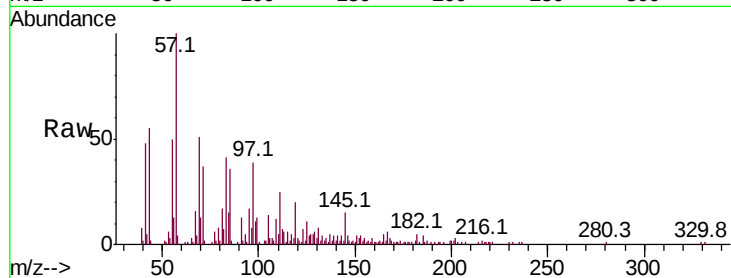
Tot Ion:330 Resp: 265

Ion Ratio Lower Upper

330 100

332 111.7 77.1 115.7

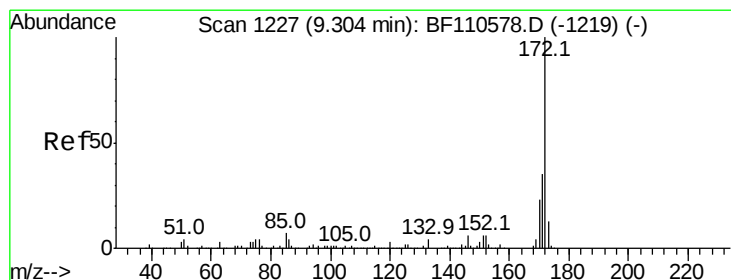
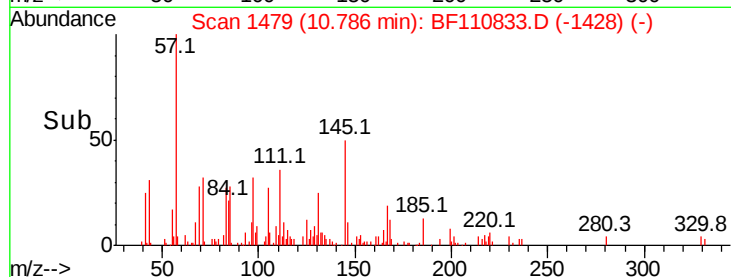
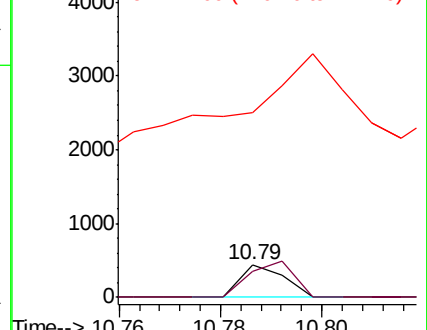
141 752.8 27.0 40.4#



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: 0.628 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF110833.D

Acq: 16 Nov 2018 22:44

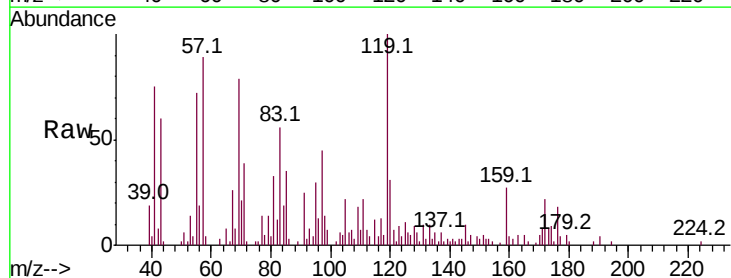
Tgt Ion:172 Resp: 4976

Ion Ratio Lower Upper

172 100

171 37.7 28.6 43.0

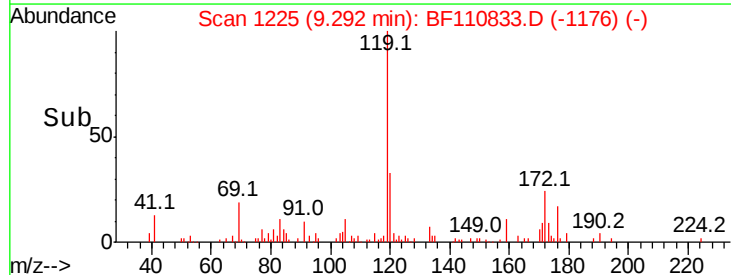
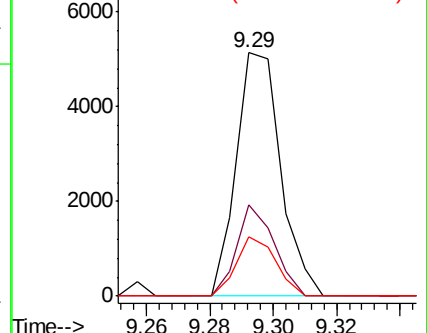
170 24.1 19.7 29.5

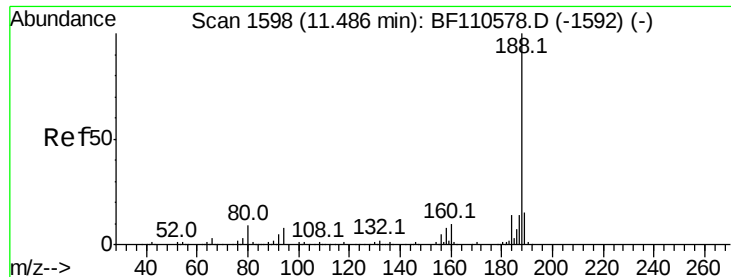


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

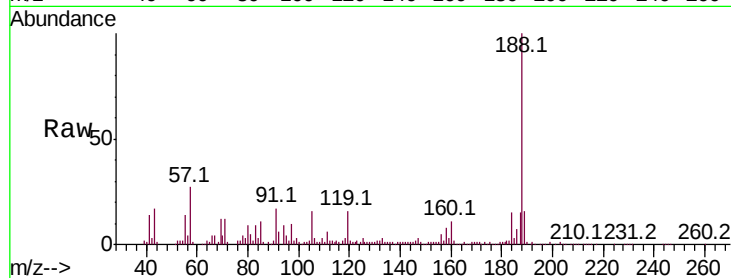




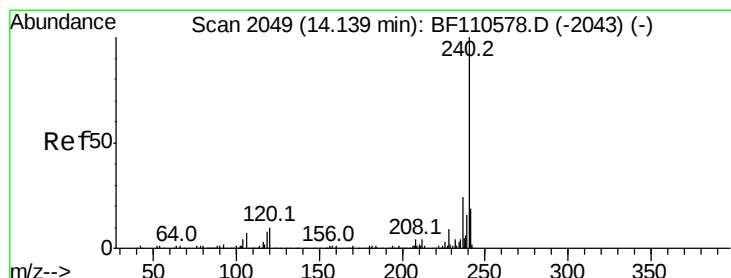
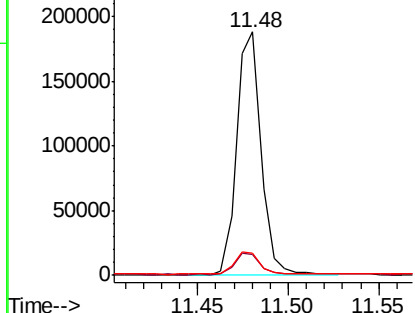
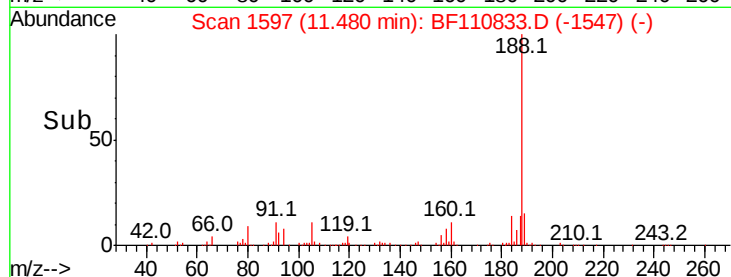
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110833.D
Acq: 16 Nov 2018 22:44

Instrument :
BNA_F
ClientSampleId :
VB44949

Tot Ion:188 Resp: 177386
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.2 7.9 11.9

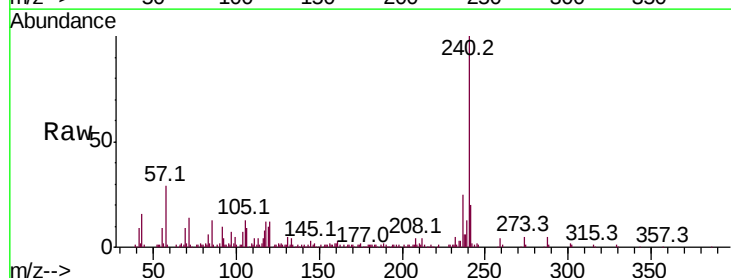


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

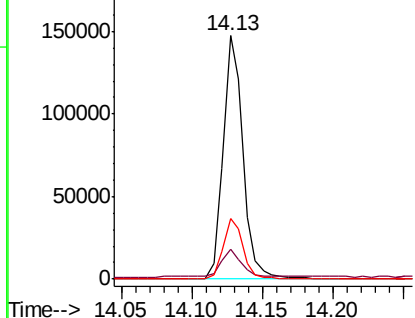
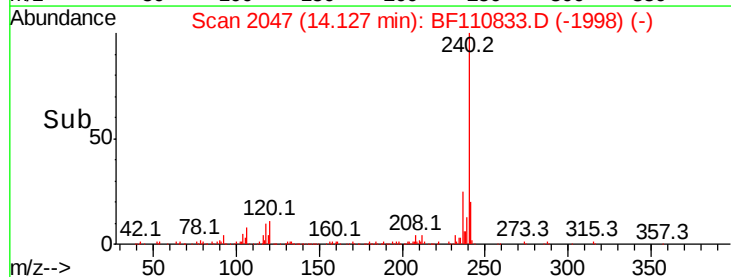


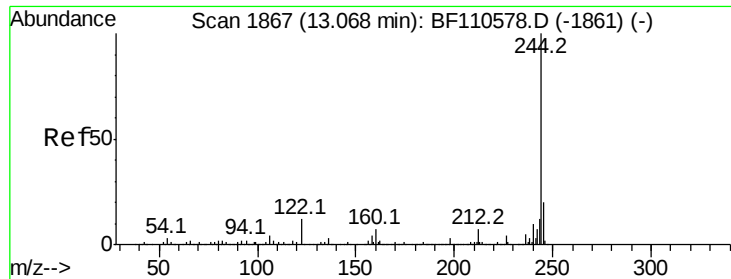
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110833.D
Acq: 16 Nov 2018 22:44

Tgt Ion:240 Resp: 143913
Ion Ratio Lower Upper
240 100
120 12.3 8.3 12.5
236 24.9 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





#79

Terphenyl-d14

Concen: 0.512 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110833.D

Acq: 16 Nov 2018 22:44

Instrument :

BNA_F

ClientSampled :

VB44949

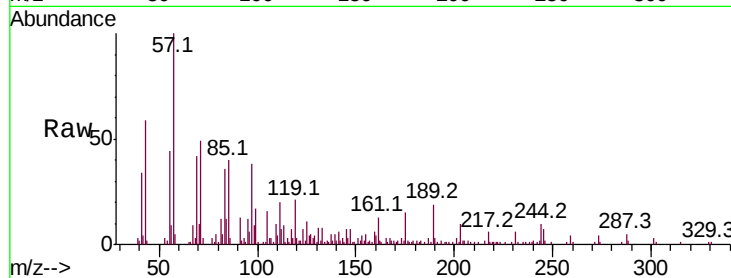
Tot Ion:244 Resp: 3931

Ion Ratio Lower Upper

244 100

212 11.0 5.8 8.8#

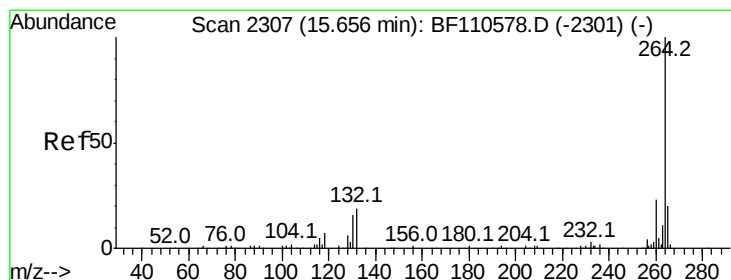
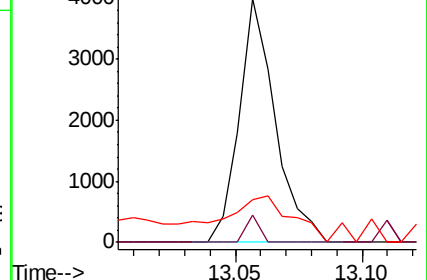
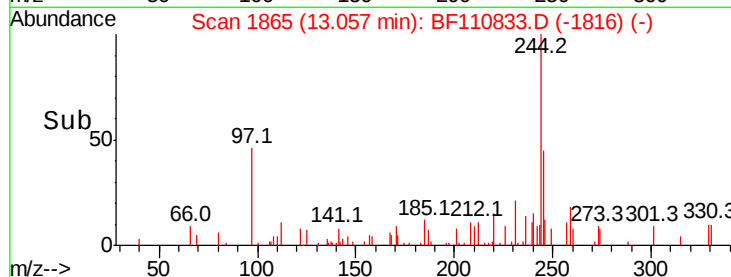
122 17.5 8.7 13.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110833.D

Acq: 16 Nov 2018 22:44

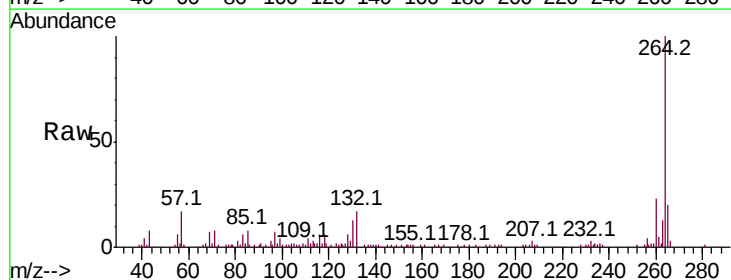
Tgt Ion:264 Resp: 112280

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 20.2 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

