

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110436.D
 Acq On : 3 Nov 2018 2:27
 Operator : JU/SJ
 Sample : J5734-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-21(0-10)

Quant Time: Nov 03 03:59:29 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

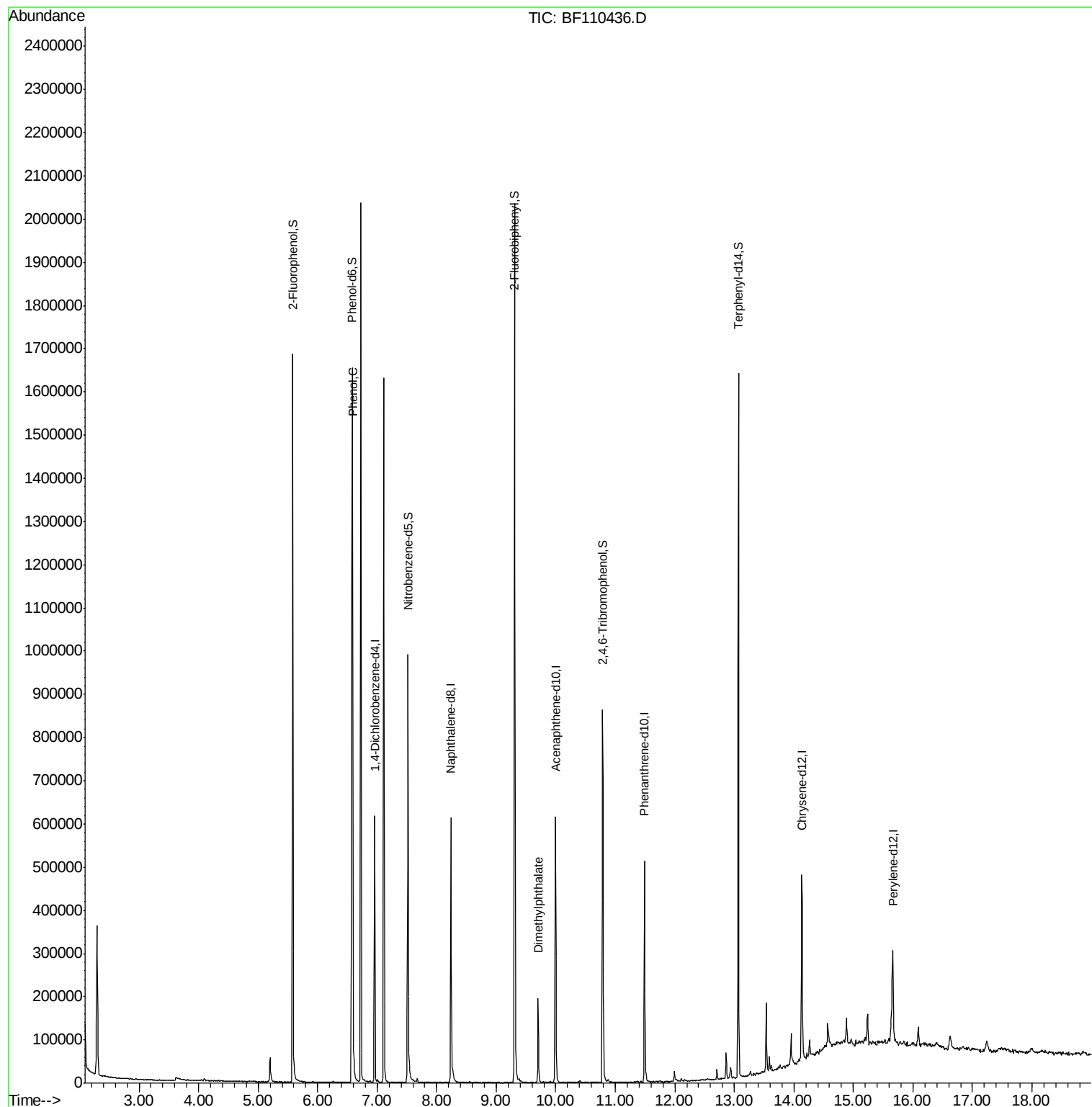
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	89450	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	330802	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	129658	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	220474	20.00	ng	0.00
76) Chrysene-d12	14.13	240	148249	20.00	ng	0.00
87) Perylene-d12	15.66	264	108355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	504446	91.84	ng	0.01
7) Phenol-d6	6.58	99	621202	88.42	ng	0.00
23) Nitrobenzene-d5	7.52	82	365965	65.62	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	107842	83.97	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	630062	76.31	ng	0.00
79) Terphenyl-d14	13.07	244	499274	70.04	ng	0.00
Target Compounds						
10) Phenol	6.59	94	40509	5.394	ng	Qvalue # 68
50) Dimethylphthalate	9.70	163	89228	9.323	ng	99

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

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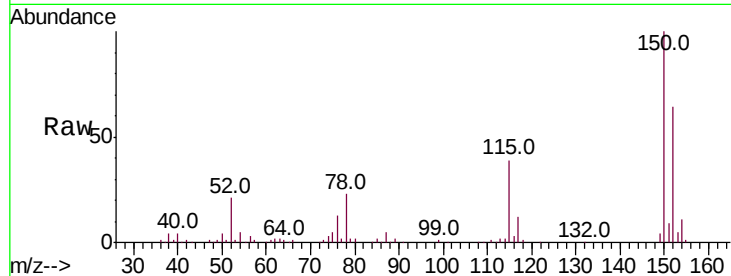


#1

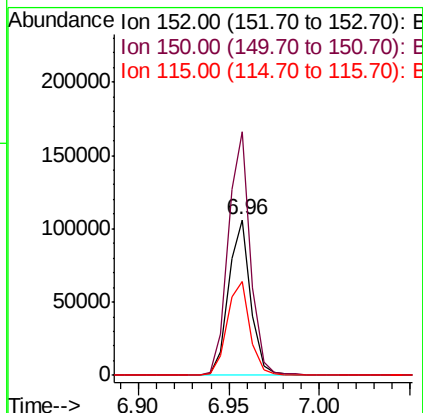
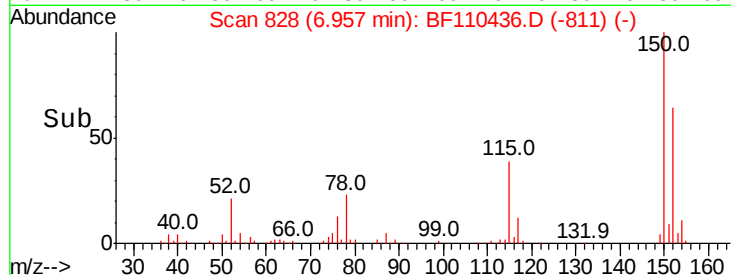
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110436.D
 Acq: 3 Nov 2018 2:27

Instrument :
 BNA_F
 ClientSampleId :
 B-21(0-10)

Tot Ion:152 Resp: 89450
 Ion Ratio Lower Upper
 152 100
 150 156.1 122.7 184.1
 115 60.6 49.1 73.7



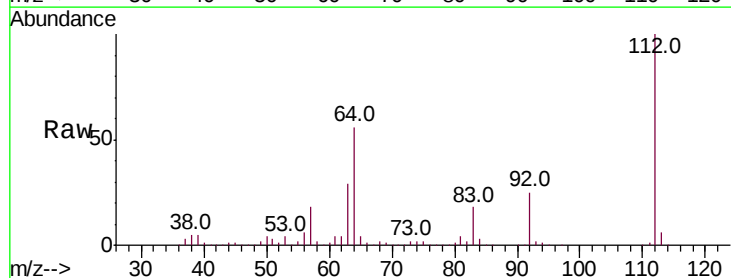
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



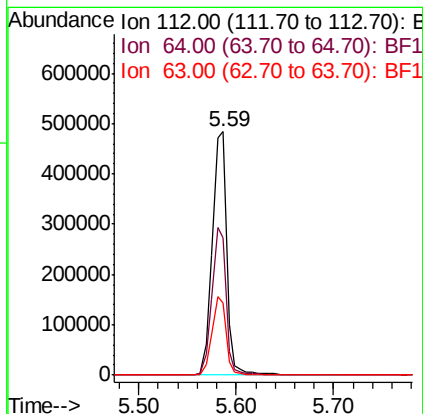
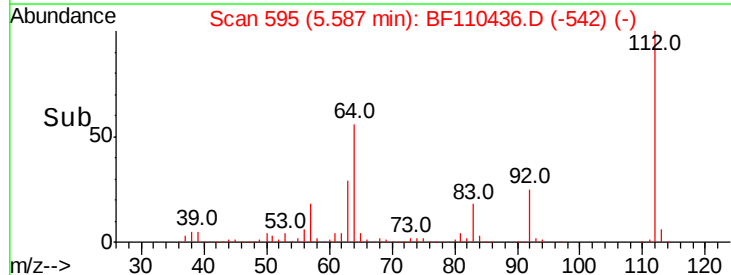
#5

2-Fluorophenol
 Concen: 91.835 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF110436.D
 Acq: 3 Nov 2018 2:27

Tgt Ion:112 Resp: 504446
 Ion Ratio Lower Upper
 112 100
 64 56.4 44.1 66.1
 63 29.4 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: 88.416 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

Instrument :

BNA_F

ClientSampleId :

B-21(0-10)

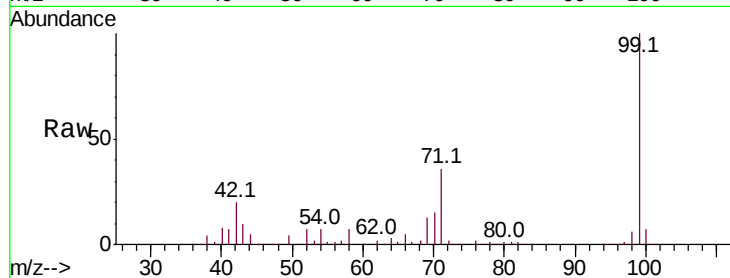
Tot Ion: 99 Resp: 621202

Ion Ratio Lower Upper

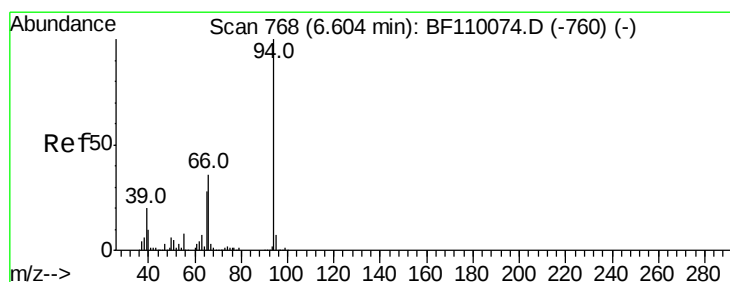
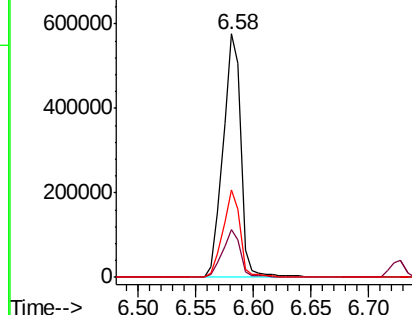
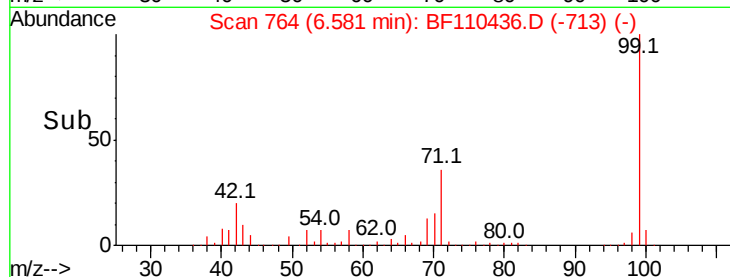
99 100

42 19.6 15.8 23.6

71 35.8 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: 5.394 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

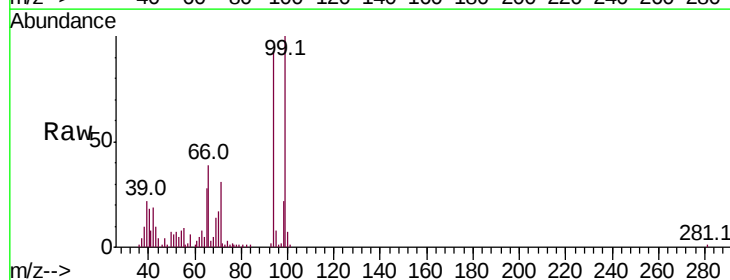
Tgt Ion: 94 Resp: 40509

Ion Ratio Lower Upper

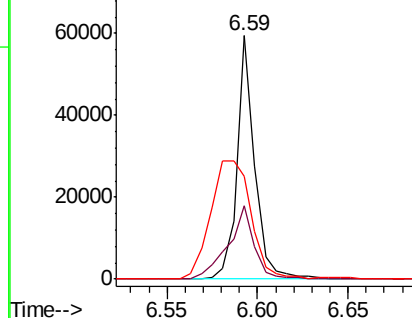
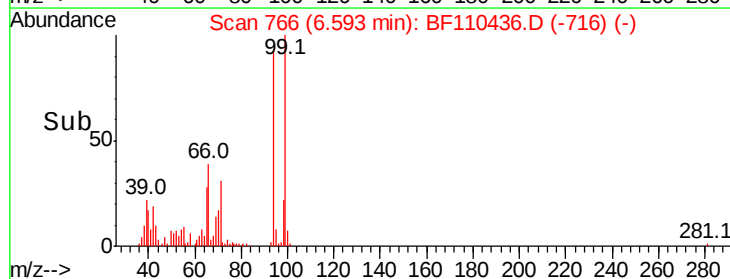
94 100

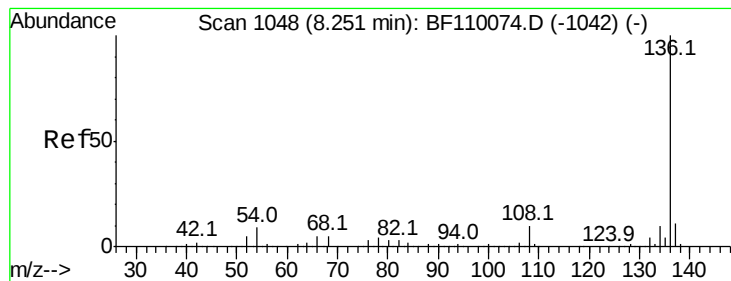
65 30.1 25.3 65.3

66 42.5 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: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

Instrument :

BNA_F

ClientSampleId :

B-21(0-10)

Tot Ion:136 Resp: 330802

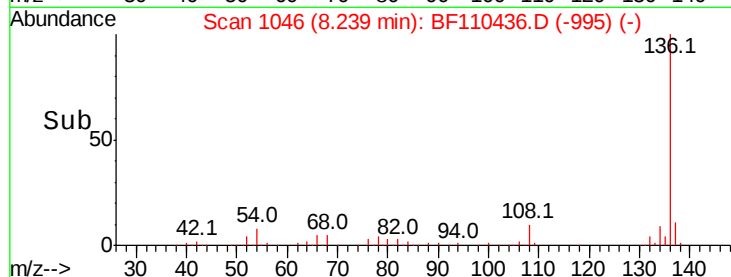
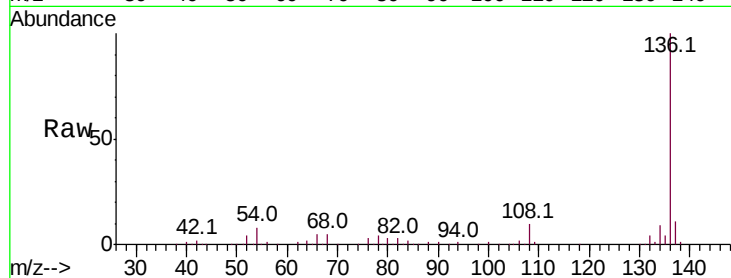
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.7 5.4 8.2

68 4.9 4.2 6.2

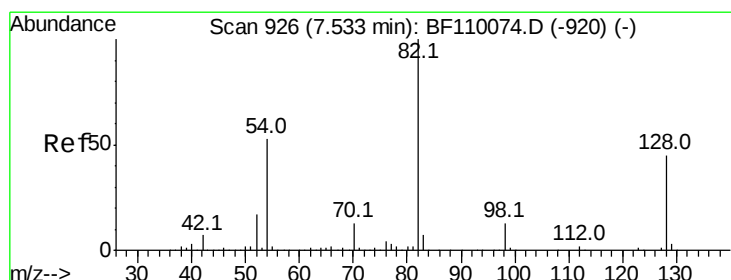
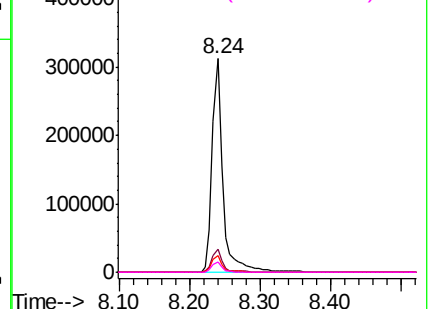


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.618 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

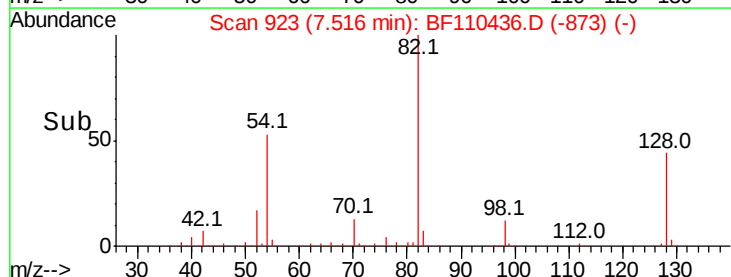
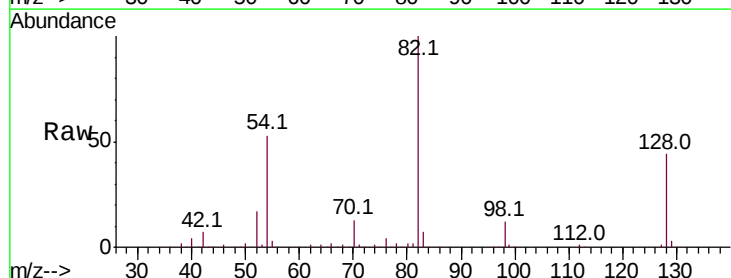
Tgt Ion: 82 Resp: 365965

Ion Ratio Lower Upper

82 100

128 43.8 34.2 51.2

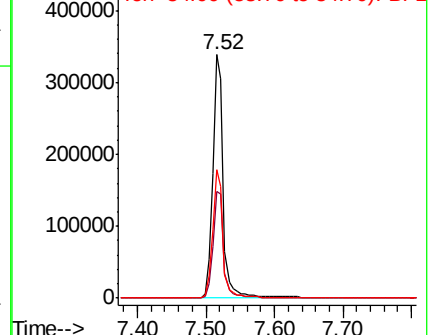
54 52.6 38.6 58.0



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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

Instrument :

BNA_F

ClientSampleId :

B-21(0-10)

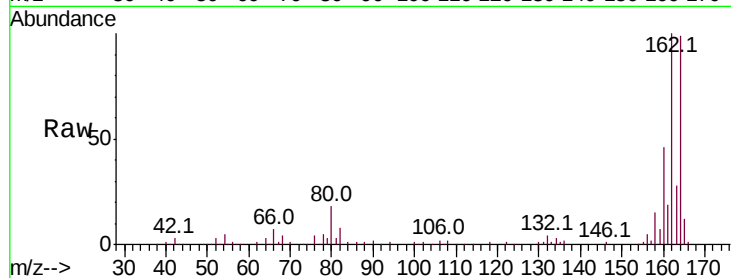
Tot Ion:164 Resp: 129658

Ion Ratio Lower Upper

164 100

162 100.7 83.0 124.6

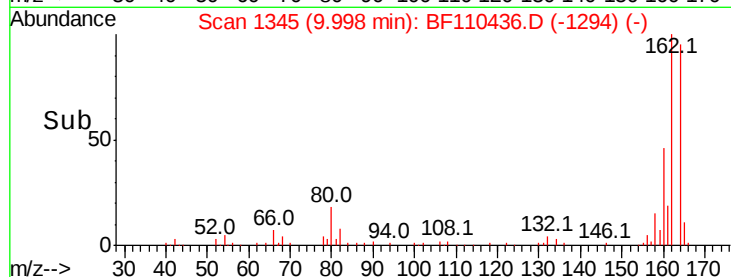
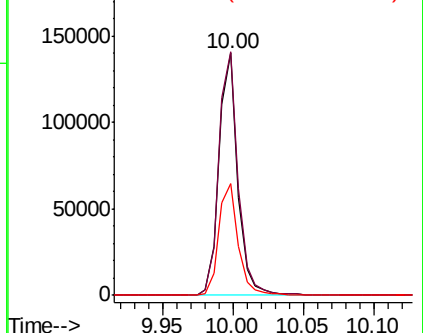
160 46.3 37.0 55.6



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: 83.966 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

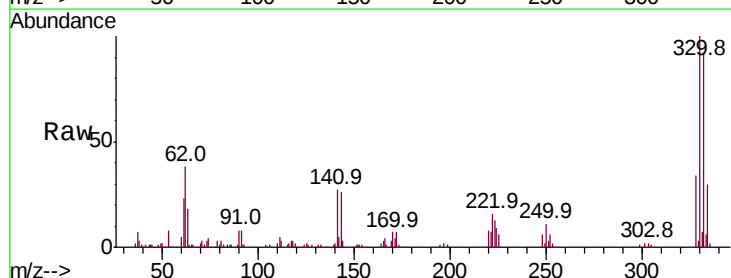
Tgt Ion:330 Resp: 107842

Ion Ratio Lower Upper

330 100

332 94.2 77.1 115.7

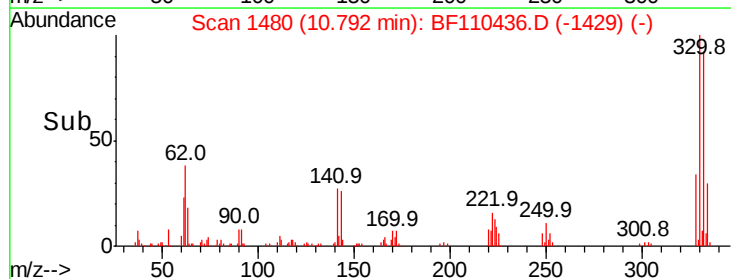
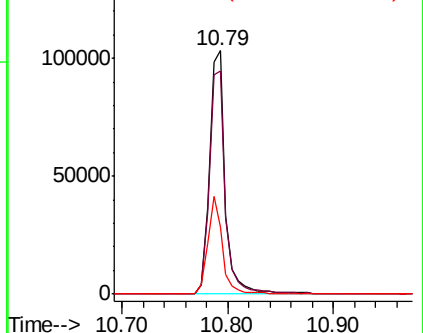
141 36.9 27.0 40.4



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

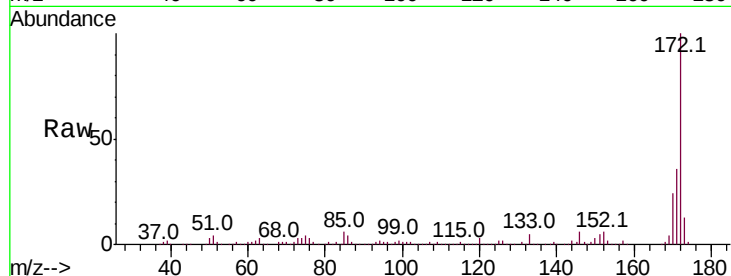




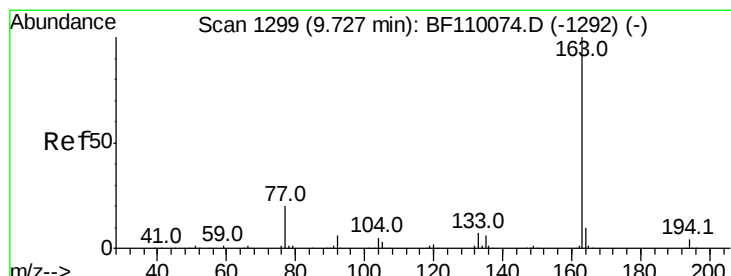
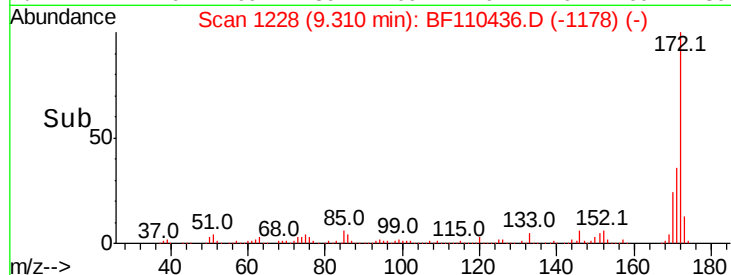
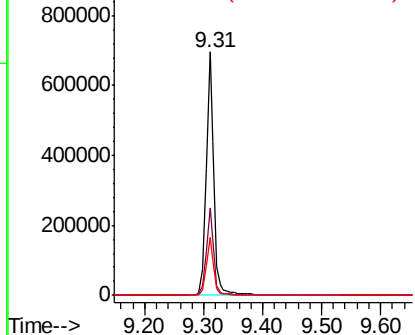
#45
 2-Fluorobiphenyl
 Concen: 76.305 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110436.D
 Acq: 3 Nov 2018 2:27

Instrument :
 BNA_F
 ClientSampleId :
 B-21(0-10)

Tot Ion:172 Resp: 630062
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.6 19.7 29.5

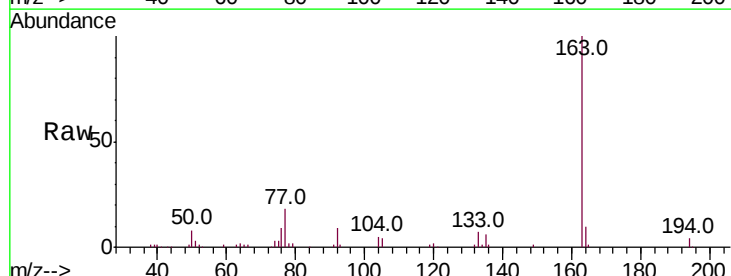


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

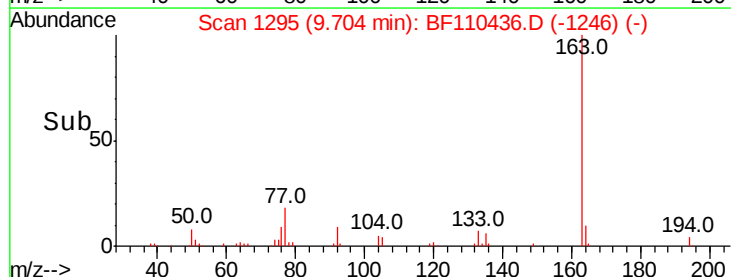
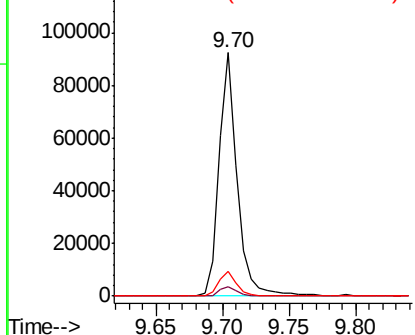


#50
 Dimethylphthalate
 Concen: 9.323 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110436.D
 Acq: 3 Nov 2018 2:27

Tgt Ion:163 Resp: 89228
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.2 4.8
 164 10.4 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

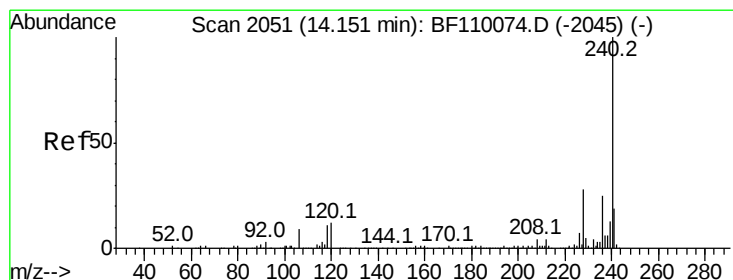
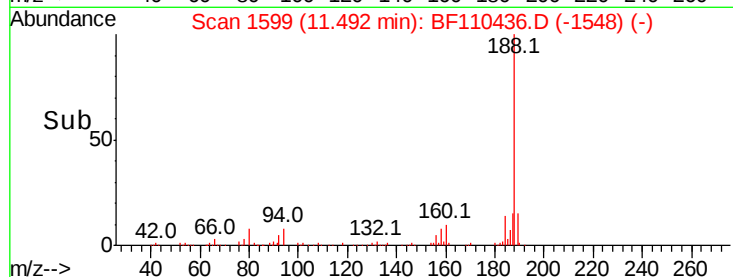
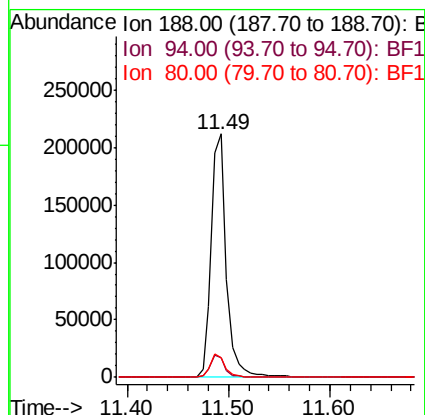
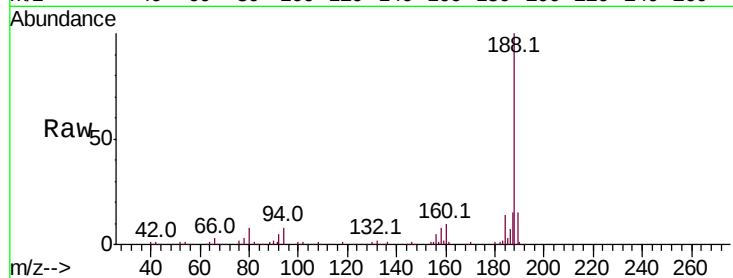




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110436.D
Acq: 3 Nov 2018 2:27

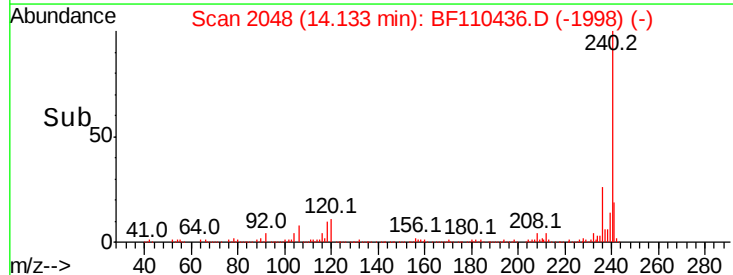
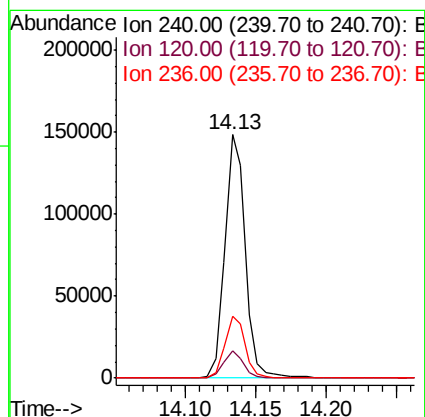
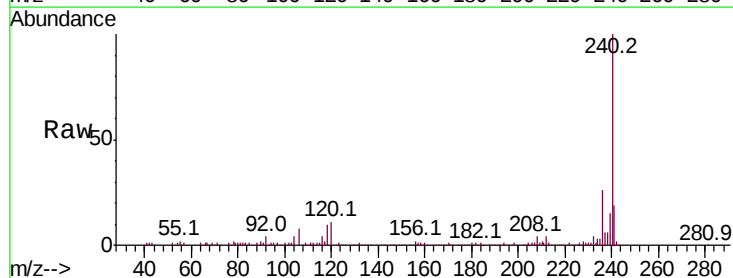
Instrument :
BNA_F
ClientSampled :
B-21(0-10)

Tot Ion:188 Resp: 220474
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110436.D
Acq: 3 Nov 2018 2:27

Tgt Ion:240 Resp: 148249
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.6 21.2 31.8





#79

Terphenyl-d14

Concen: 70.041 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

Instrument :

BNA_F

ClientSampleId :

B-21(0-10)

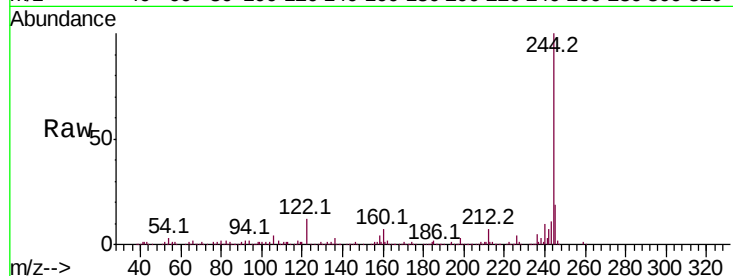
Tot Ion:244 Resp: 499274

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

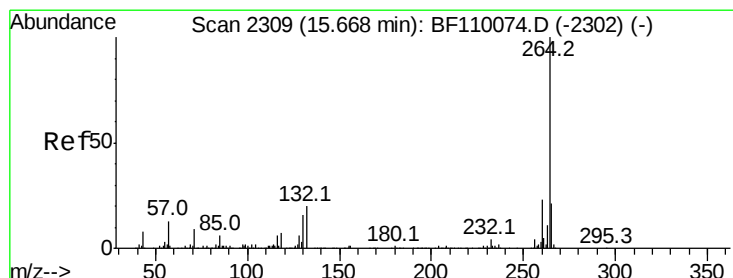
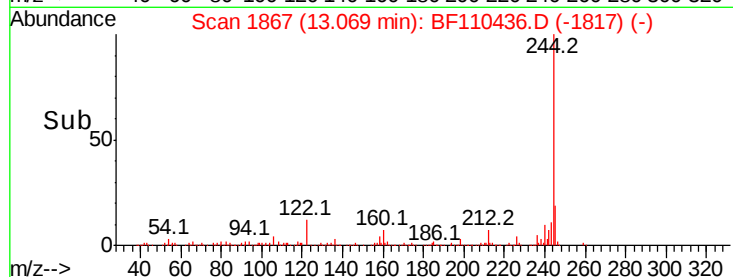
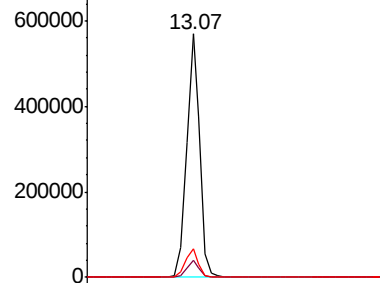
122 12.0 8.7 13.1



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# 2308

Delta R.T. 0.01 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

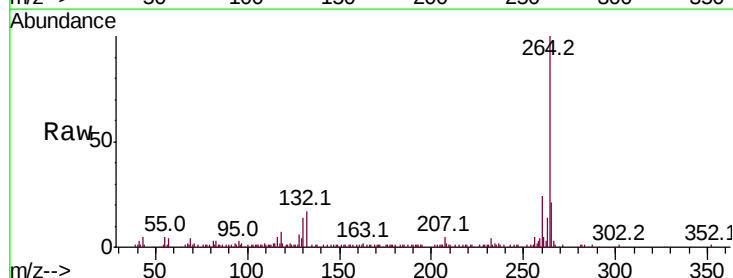
Tgt Ion:264 Resp: 108355

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.4 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

