

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112136.D
 Acq On : 18 Jan 2019 20:36
 Operator : JU/SJ
 Sample : PB116493BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116493BL

Quant Time: Jan 19 00:32:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	277109	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1049381	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	525682	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	953680	20.00	ng	0.00
76) Chrysene-d12	14.02	240	658474	20.00	ng	0.00
87) Perylene-d12	15.49	264	635847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1420541	93.04	ng	0.00
7) Phenol-d6	6.50	99	1787826	93.59	ng	0.00
23) Nitrobenzene-d5	7.42	82	1130518	74.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	542317	95.63	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2317746	64.64	ng	0.00
79) Terphenyl-d14	12.96	244	2241840	72.43	ng	0.00

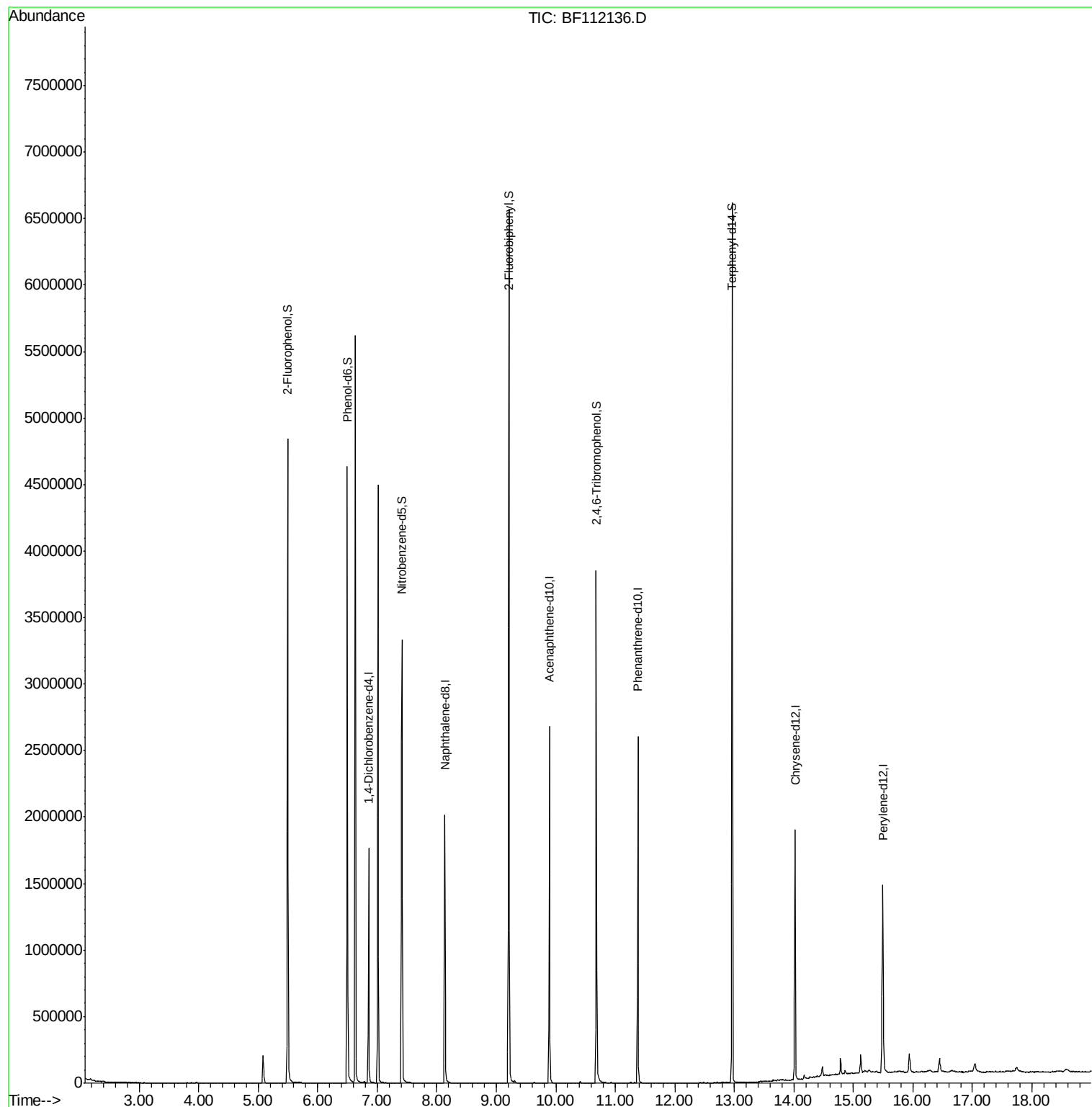
Target Compounds Qvalue

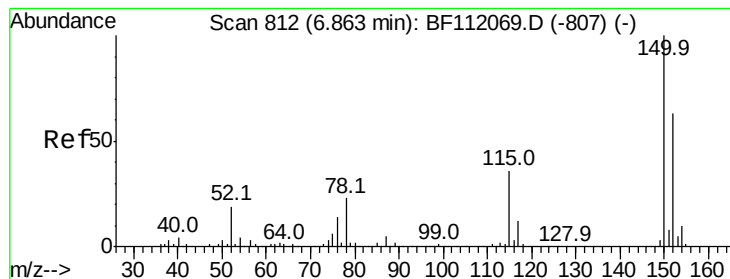
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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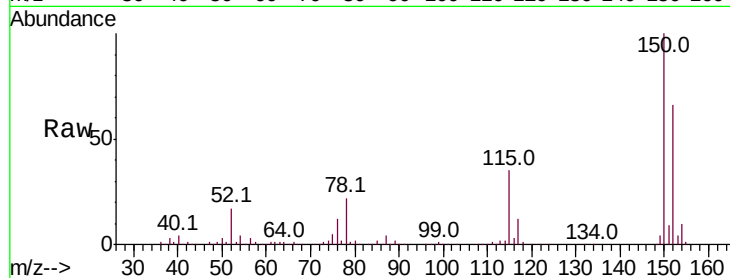


#1

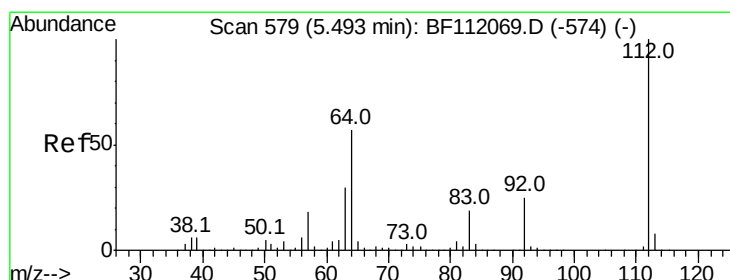
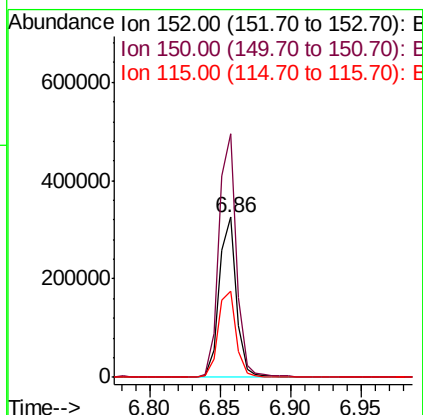
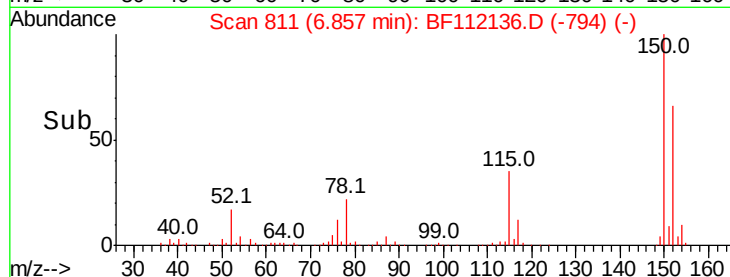
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

Instrument :
BNA_F
ClientSampleId :
PB116493BL

Tot Ion:152 Resp: 277109
Ion Ratio Lower Upper
152 100
150 152.0 127.4 191.0
115 53.9 45.5 68.3



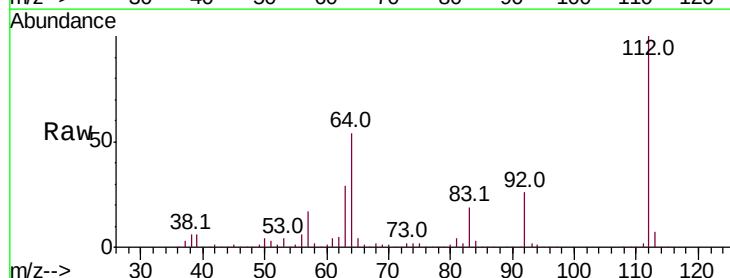
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



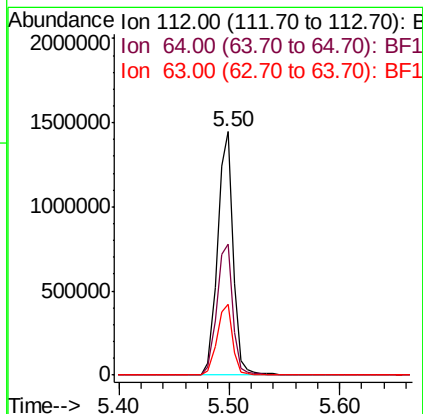
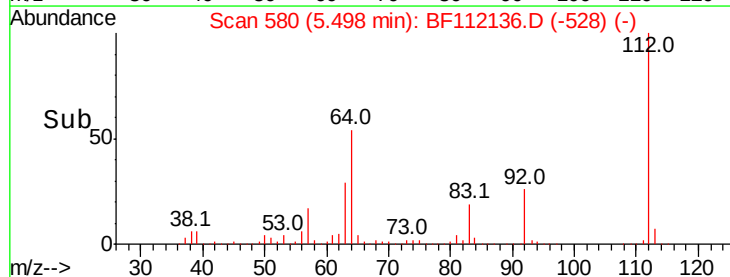
#5

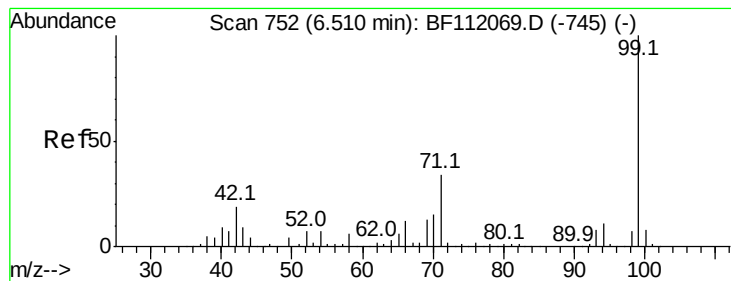
2-Fluorophenol
Concen: 93.044 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

Tgt Ion:112 Resp: 1420541
Ion Ratio Lower Upper
112 100
64 53.8 45.7 68.5
63 28.9 23.6 35.4



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: 93.594 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112136.D

Acq: 18 Jan 2019 20:36

Instrument :

BNA_F

ClientSampleId :

PB116493BL

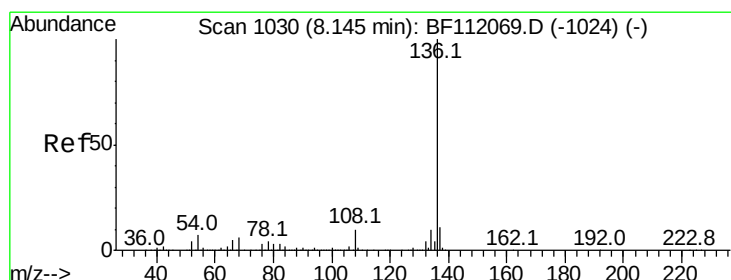
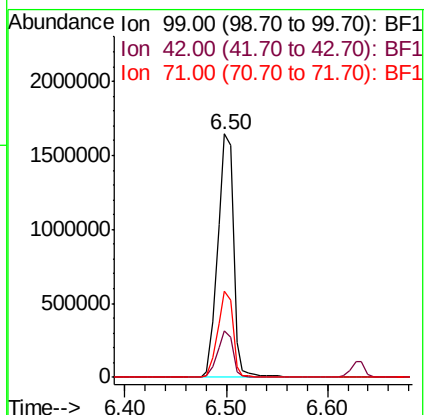
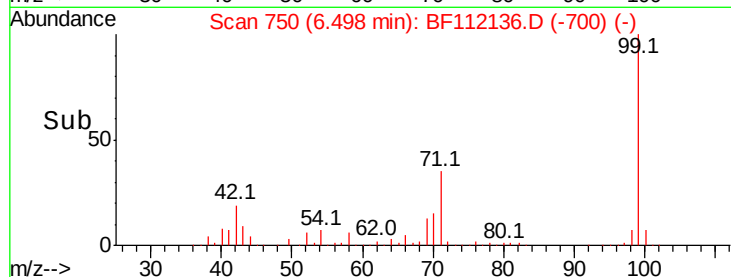
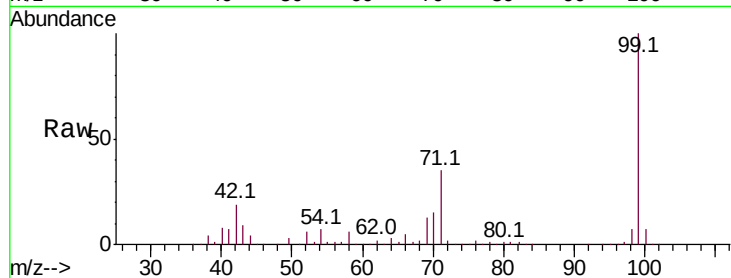
Tot Ion: 99 Resp: 1787826

Ion Ratio Lower Upper

99 100

42 18.9 15.1 22.7

71 35.3 26.9 40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF112136.D

Acq: 18 Jan 2019 20:36

Tgt Ion: 136 Resp: 1049381

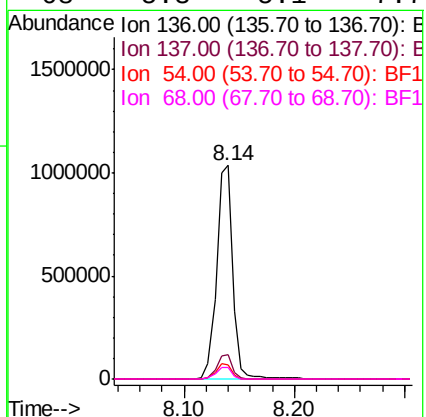
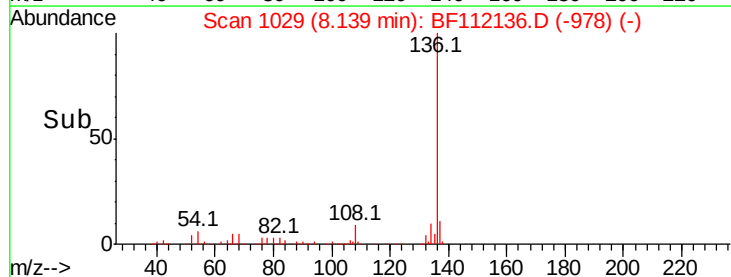
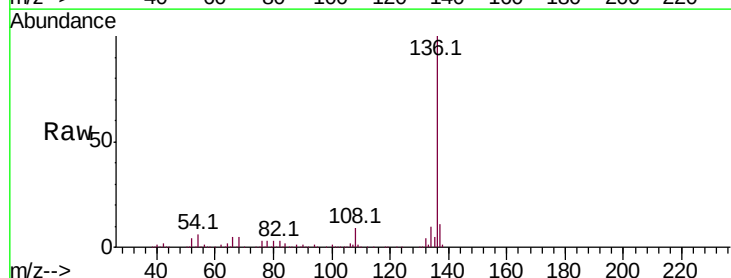
Ion Ratio Lower Upper

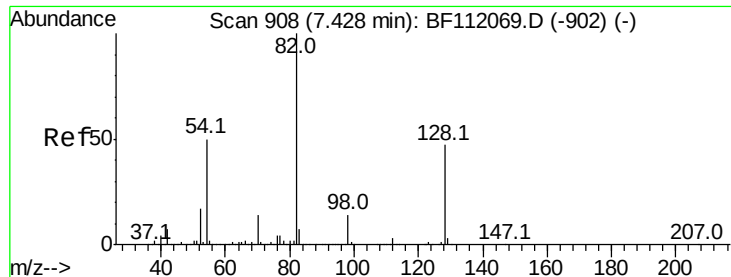
136 100

137 11.1 9.1 13.7

54 6.4 5.9 8.9

68 5.3 5.1 7.7

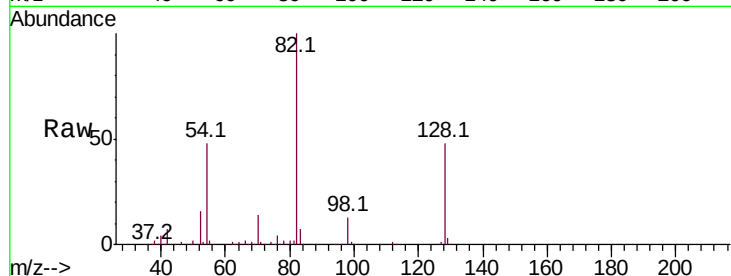




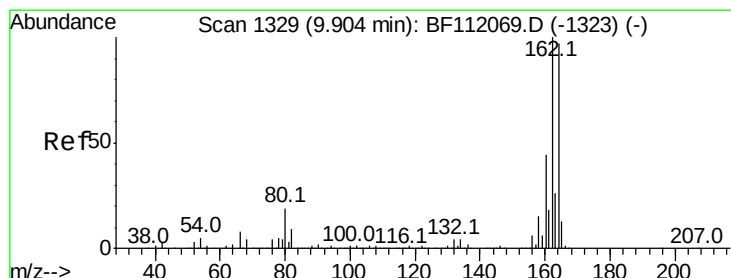
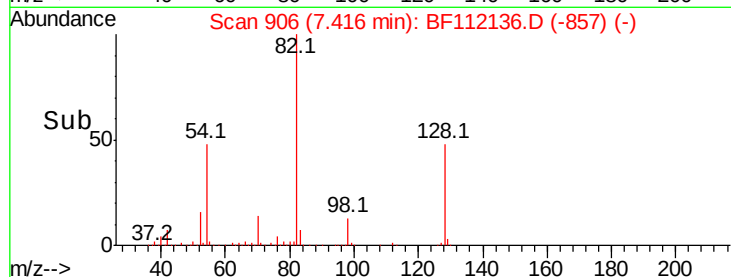
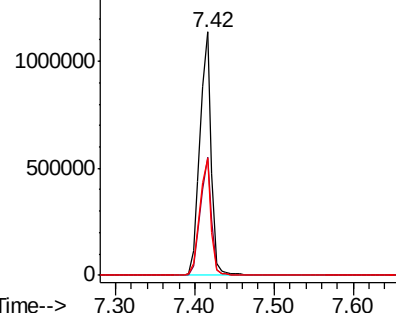
#23
Nitrobenzene-d5
Concen: 74.431 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

Instrument :
BNA_F
ClientSampleId :
PB116493BL

Tot Ion: 82 Resp: 1130518
Ion Ratio Lower Upper
82 100
128 48.5 37.8 56.8
54 48.0 39.7 59.5

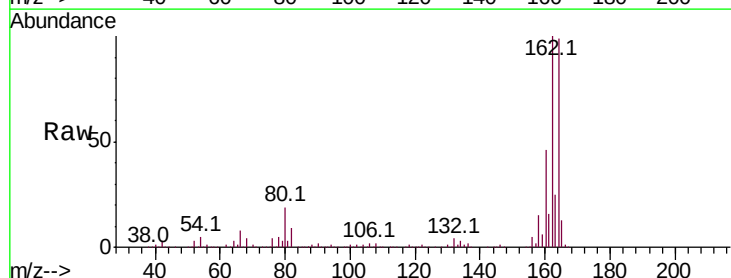


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

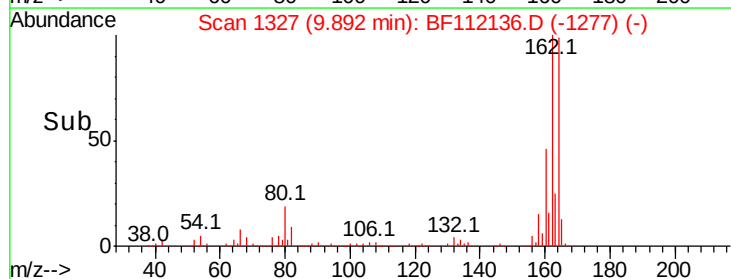
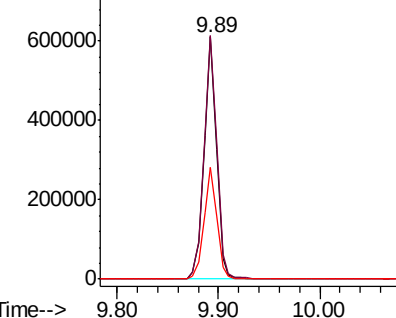


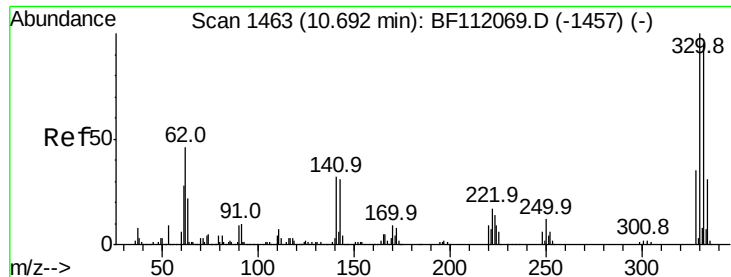
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

Tgt Ion: 164 Resp: 525682
Ion Ratio Lower Upper
164 100
162 100.6 82.2 123.4
160 46.3 36.2 54.4



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

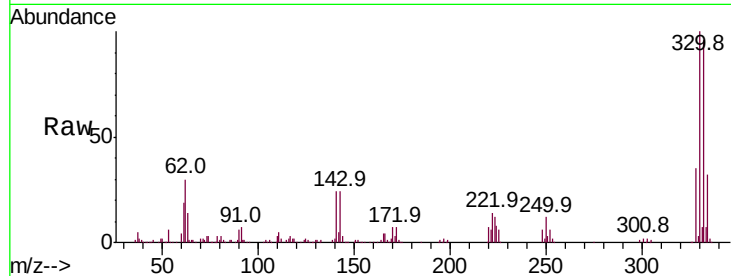




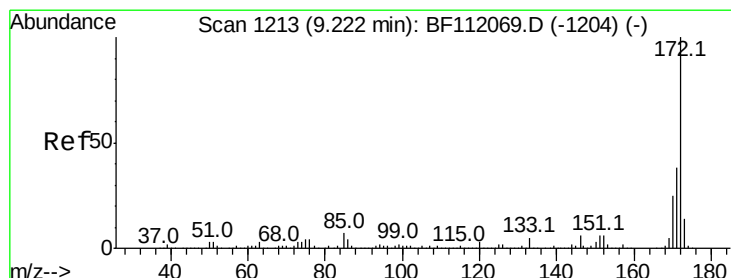
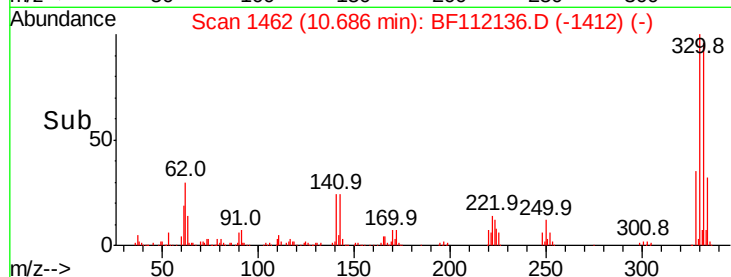
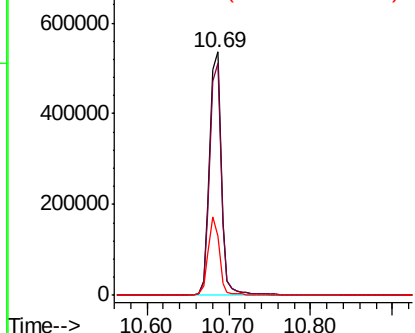
#42
2,4,6-Tribromophenol
Concen: 95.631 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

Instrument :
BNA_F
ClientSampleId :
PB116493BL

Tot Ion:330 Resp: 542317
Ion Ratio Lower Upper
330 100
332 94.0 76.6 114.8
141 30.6 24.3 36.5

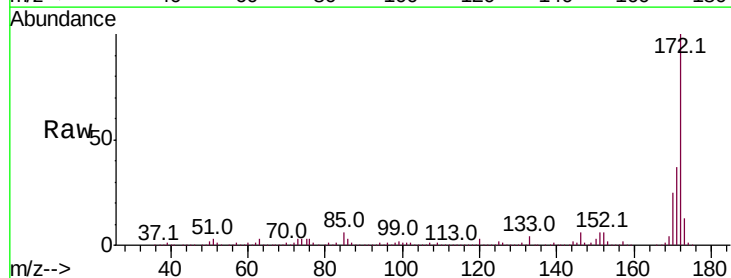


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

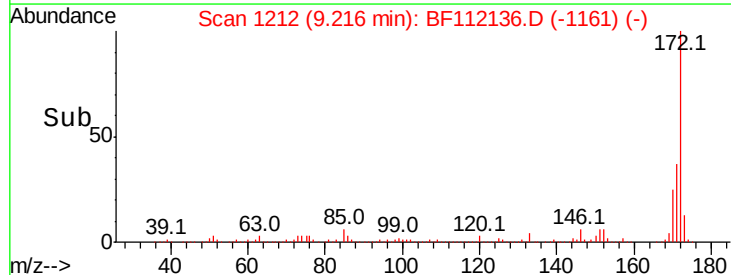
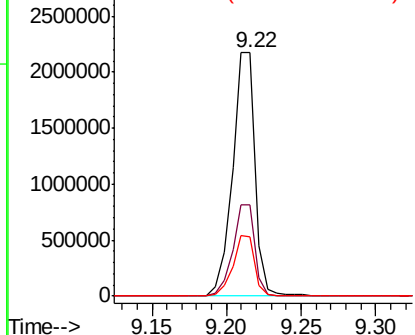


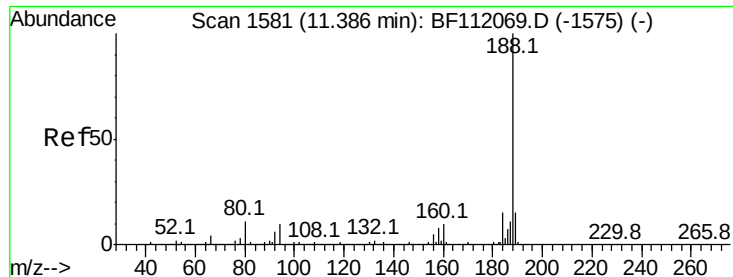
#45
2-Fluorobiphenyl
Concen: 64.641 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112136.D
Acq: 18 Jan 2019 20:36

Tgt Ion:172 Resp: 2317746
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 24.5 20.2 30.4



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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112136.D

Acq: 18 Jan 2019 20:36

Instrument :

BNA_F

ClientSampled :

PB116493BL

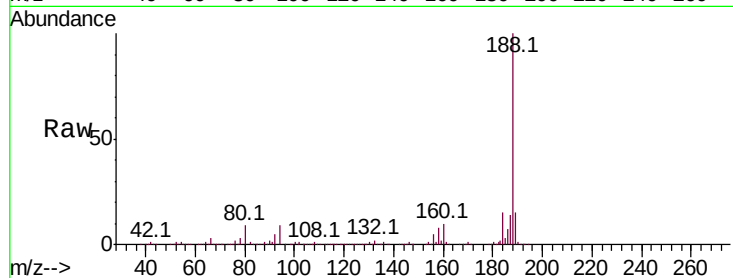
Tot Ion:188 Resp: 953680

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

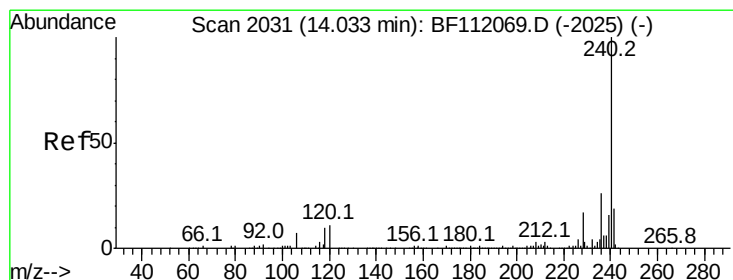
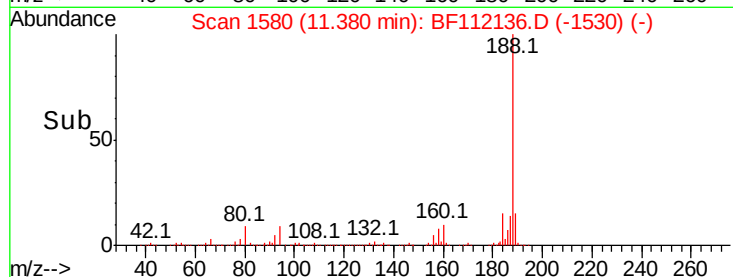
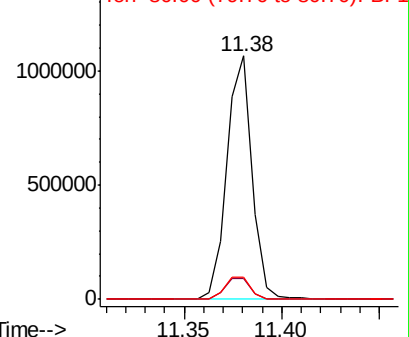
80 9.3 8.9 13.3



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF112136.D

Acq: 18 Jan 2019 20:36

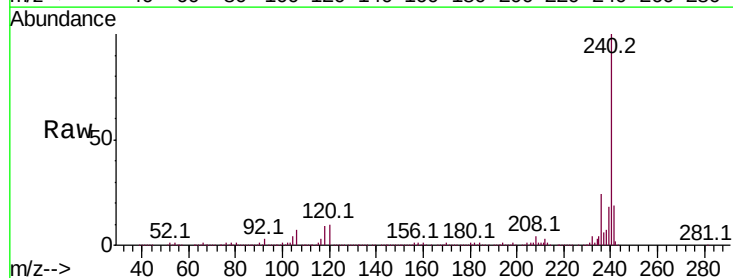
Tgt Ion:240 Resp: 658474

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.6

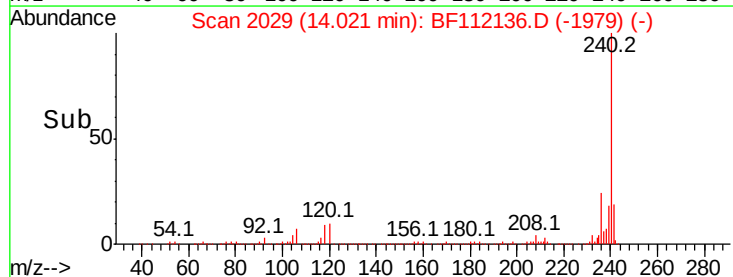
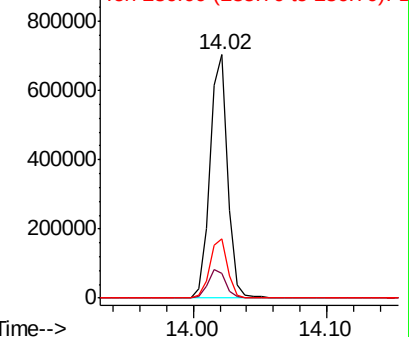
236 24.4 20.7 31.1

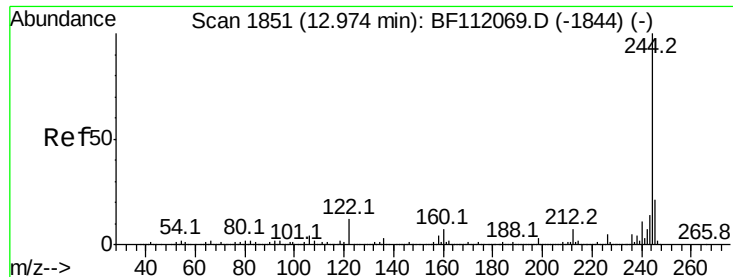


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.429 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112136.D

Acq: 18 Jan 2019 20:36

Instrument :

BNA_F

ClientSampleId :

PB116493BL

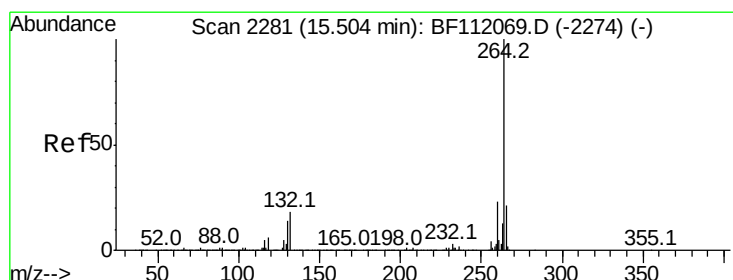
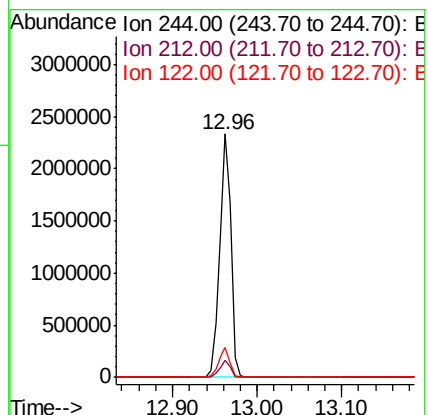
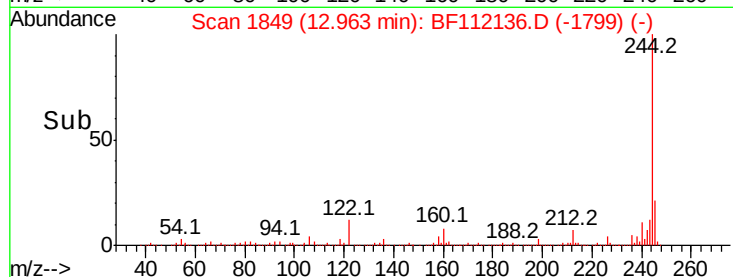
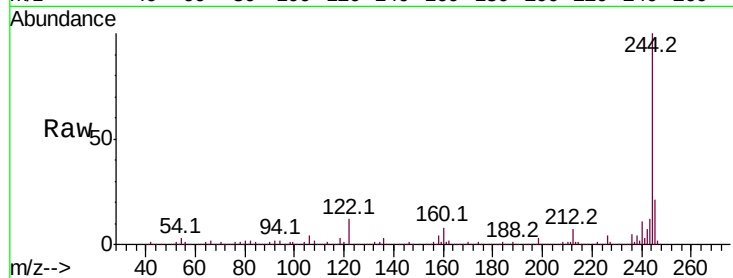
Tot Ion:244 Resp: 2241840

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 12.4 9.8 14.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112136.D

Acq: 18 Jan 2019 20:36

Tgt Ion:264 Resp: 635847

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 21.9 17.0 25.4

