

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112168.D
 Acq On : 21 Jan 2019 19:39
 Operator : JU/SJ
 Sample : K1013-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-C

Quant Time: Jan 22 01:09:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	236203	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	799318	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	313843	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	566880	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	493123	20.00	ng	-0.01
87) Perylene-d12	15.49	264	350631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1428777	109.79	ng	0.00
7) Phenol-d6	6.50	99	1461531	89.76	ng	0.00
23) Nitrobenzene-d5	7.42	82	1197451	103.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	458208	135.34	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2151009	100.48	ng	0.00
79) Terphenyl-d14	12.96	244	2253460	97.22	ng	0.00

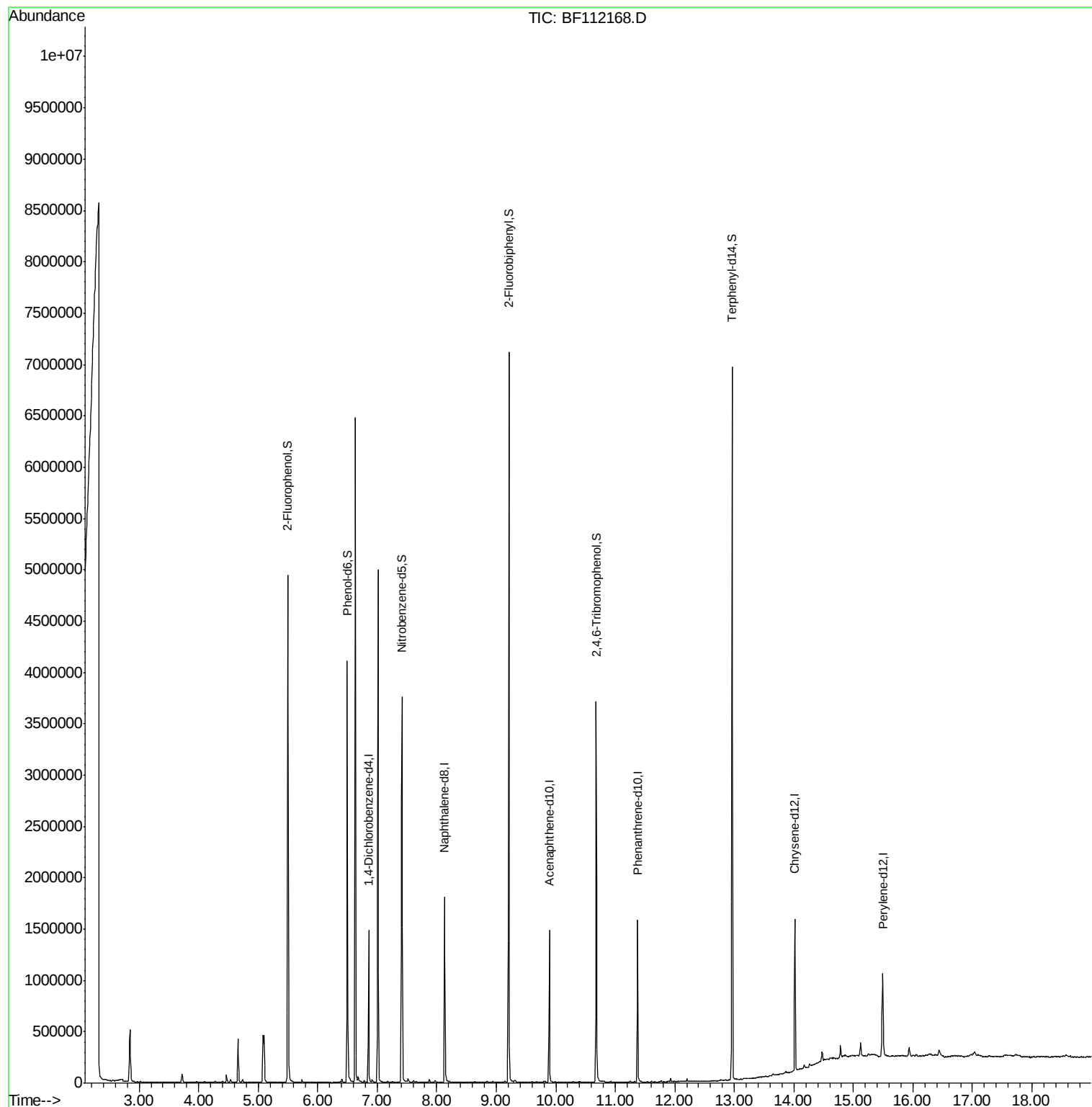
Target Compounds Qvalue

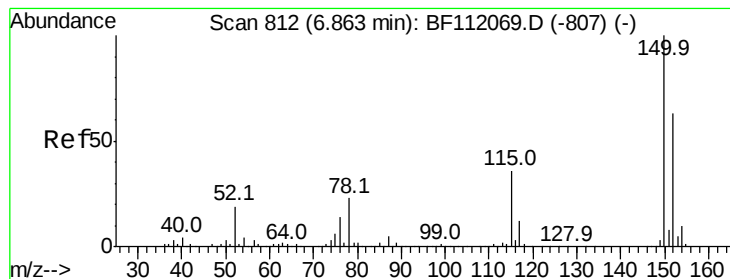
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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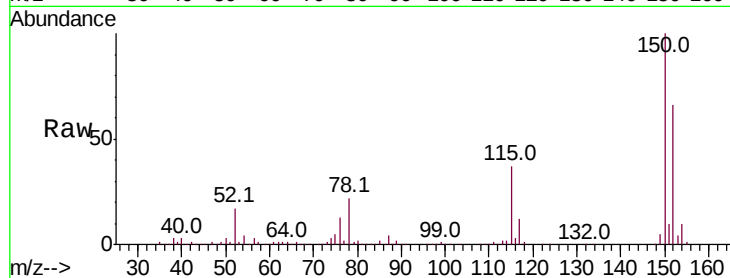


#1

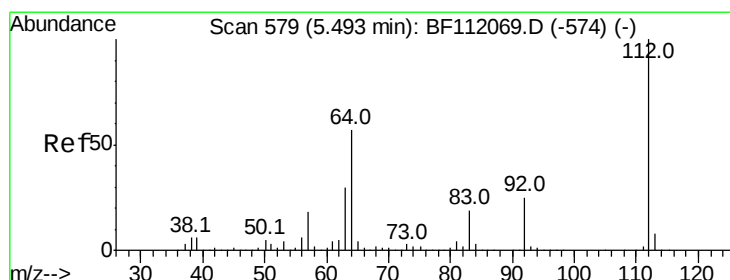
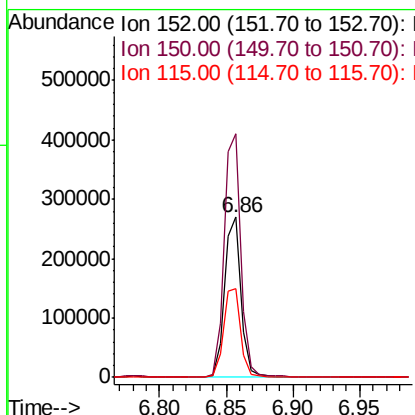
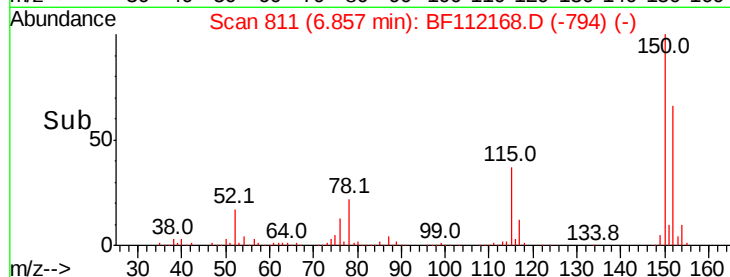
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tot Ion:152 Resp: 236203
Ion Ratio Lower Upper
152 100
150 152.4 127.4 191.0
115 55.9 45.5 68.3



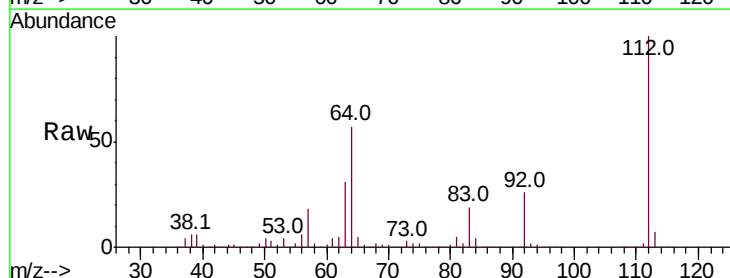
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



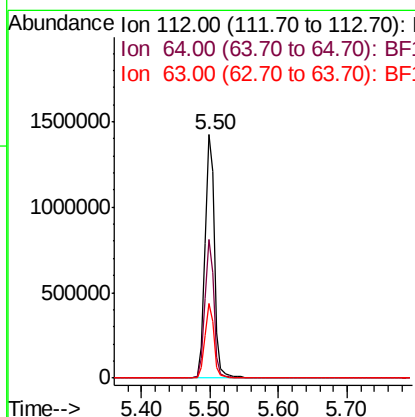
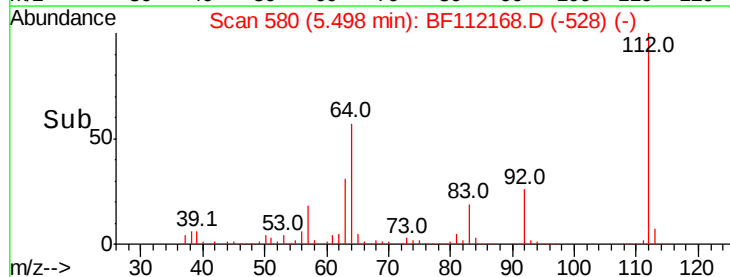
#5

2-Fluorophenol
Concen: 109.790 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion:112 Resp: 1428777
Ion Ratio Lower Upper
112 100
64 56.8 45.7 68.5
63 30.6 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: 89.763 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112168.D

Acq: 21 Jan 2019 19:39

Instrument :

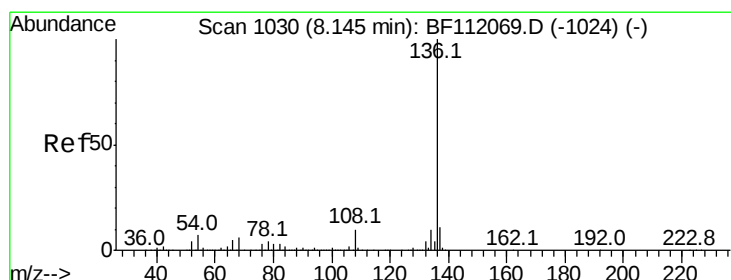
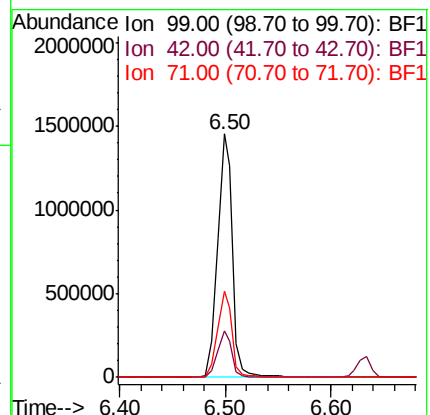
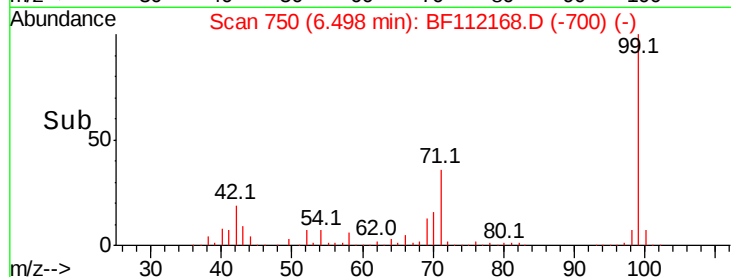
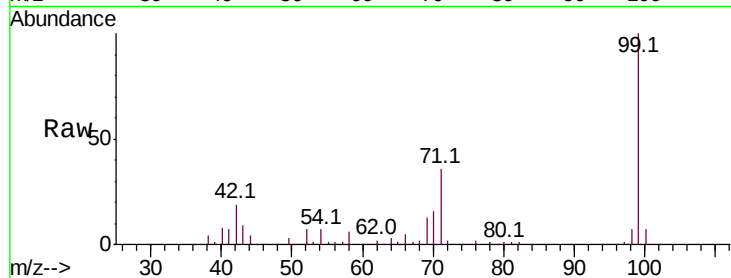
BNA_F

ClientSampleId :

PL-01-011819-C

Tot Ion: 99 Resp: 1461531

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.1	22.7
71	35.7	26.9	40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

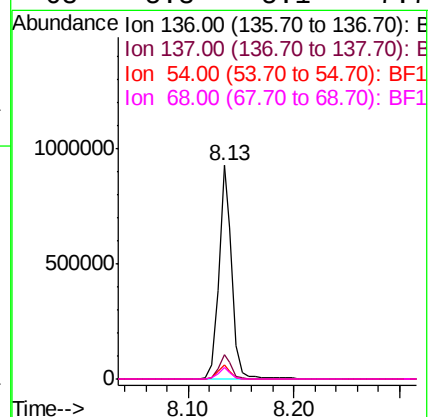
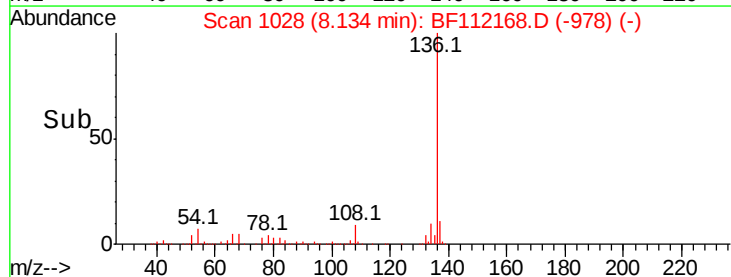
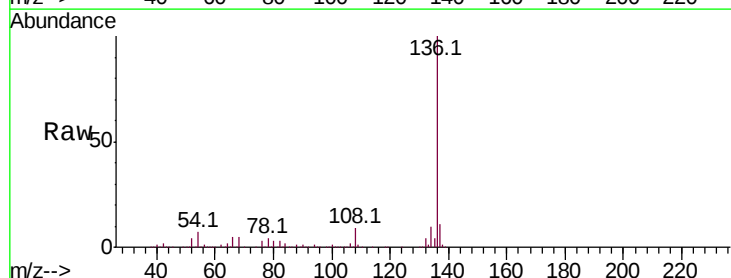
Delta R.T. -0.01 min

Lab File: BF112168.D

Acq: 21 Jan 2019 19:39

Tgt Ion: 136 Resp: 799318

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.6	5.9	8.9
68	5.3	5.1	7.7





#23

Nitrobenzene-d5

Concen: 103.502 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112168.D

Acq: 21 Jan 2019 19:39

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-C

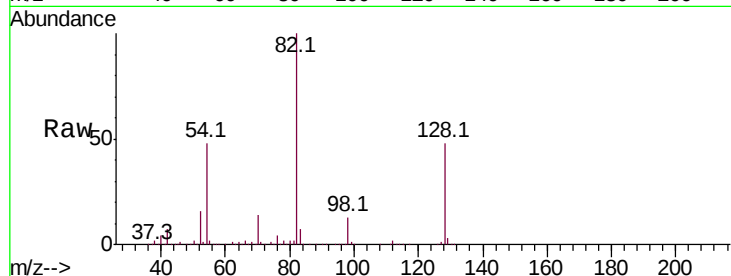
Tot Ion: 82 Resp: 1197451

Ion Ratio Lower Upper

82 100

128 47.8 37.8 56.8

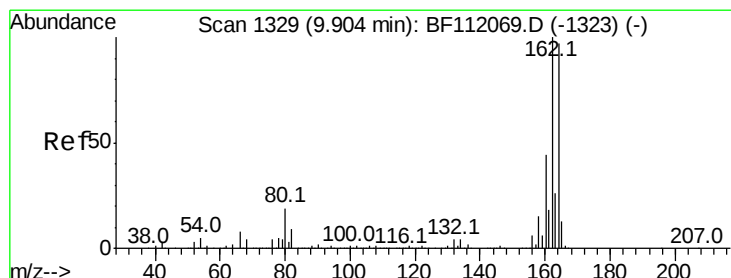
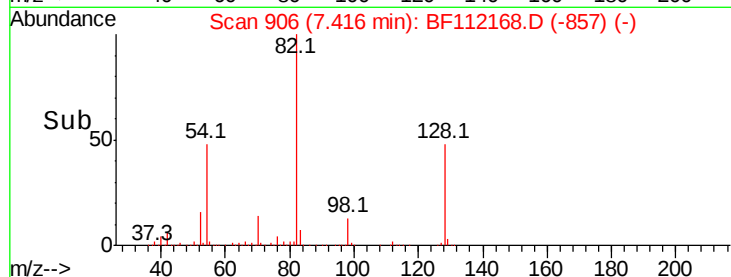
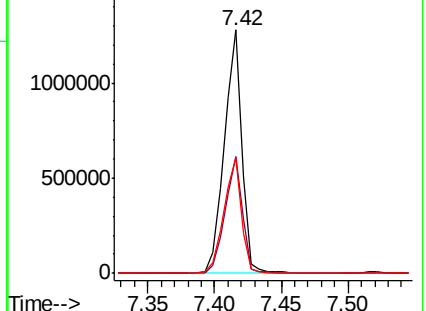
54 47.7 39.7 59.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF112168.D

Acq: 21 Jan 2019 19:39

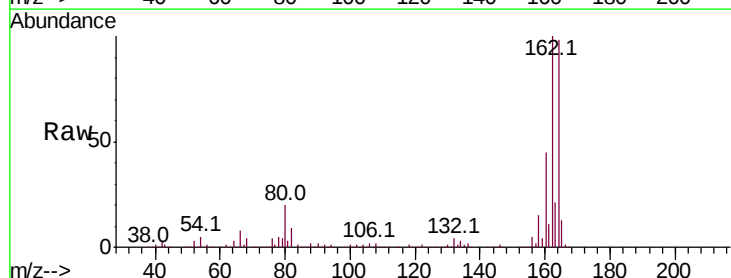
Tgt Ion:164 Resp: 313843

Ion Ratio Lower Upper

164 100

162 102.5 82.2 123.4

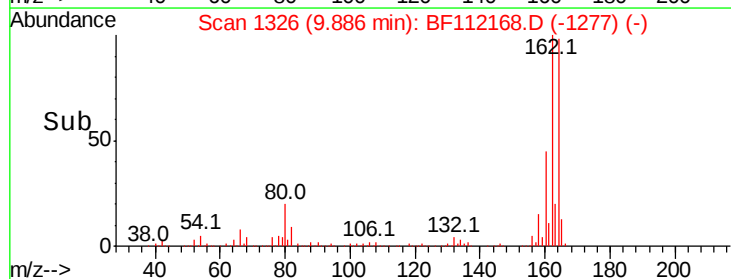
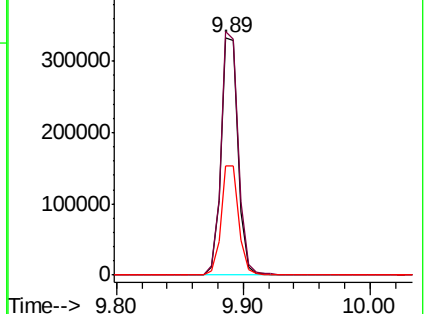
160 46.0 36.2 54.4

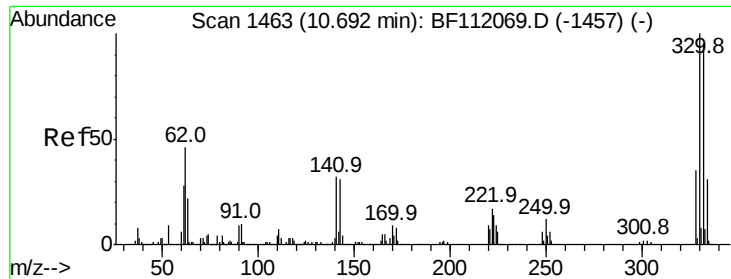


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

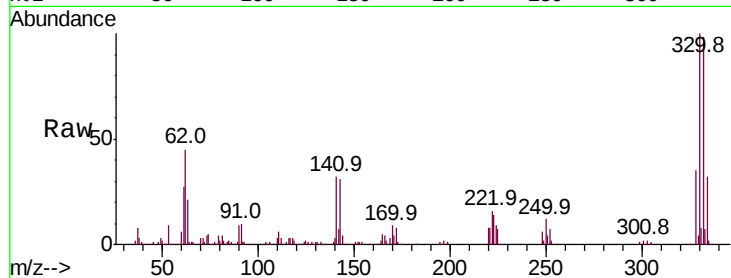




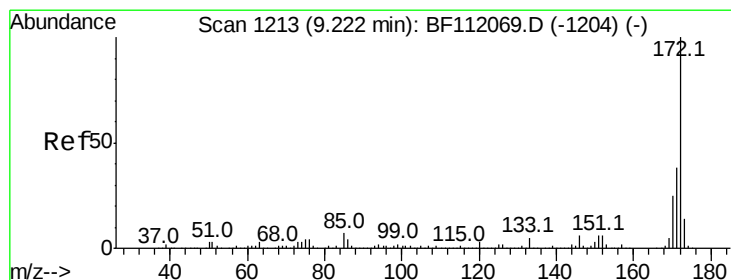
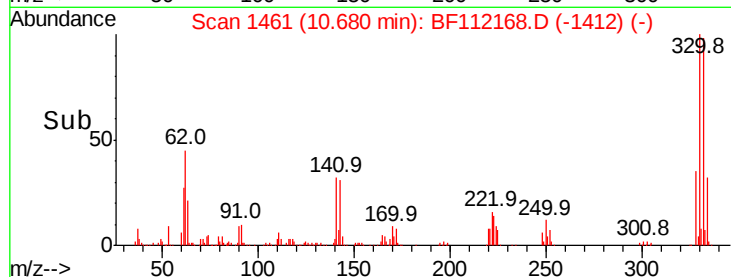
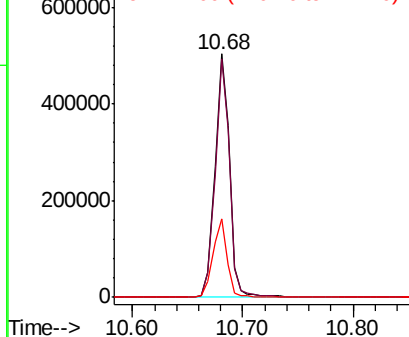
#42
2,4,6-Tribromophenol
Concen: 135.337 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tot Ion:330 Resp: 458208
Ion Ratio Lower Upper
330 100
332 97.4 76.6 114.8
141 30.9 24.3 36.5

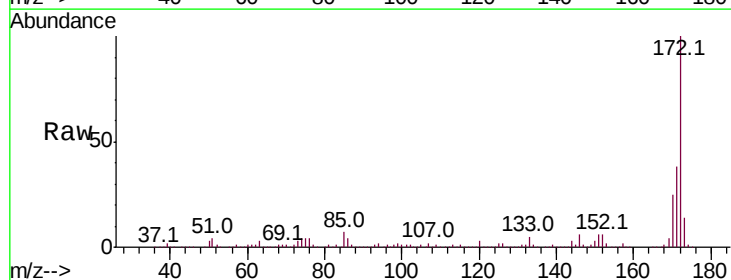


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

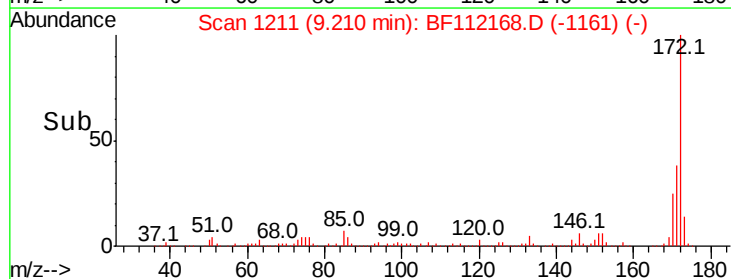
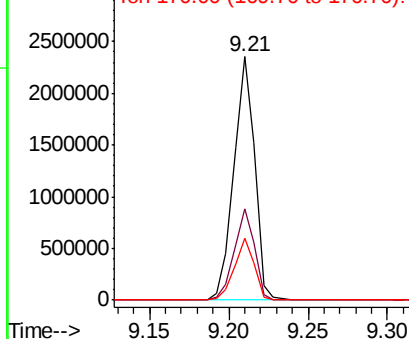


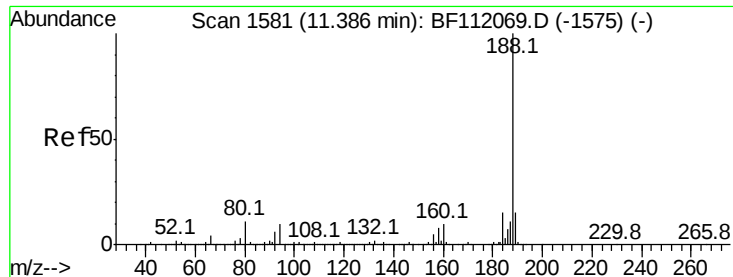
#45
2-Fluorobiphenyl
Concen: 100.484 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion:172 Resp: 2151009
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 25.3 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

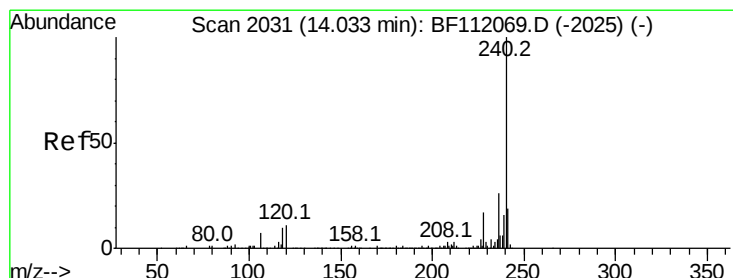
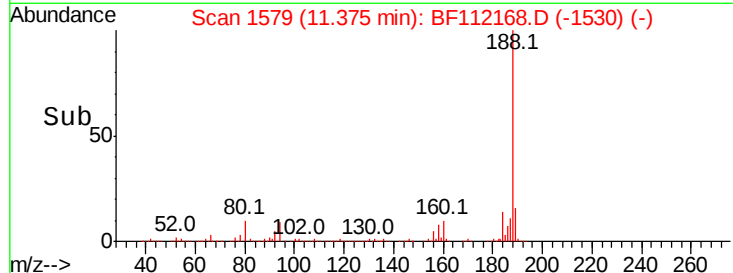
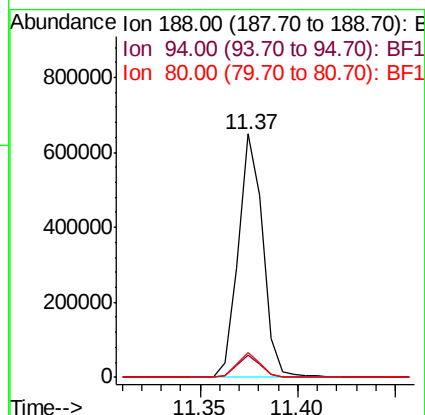
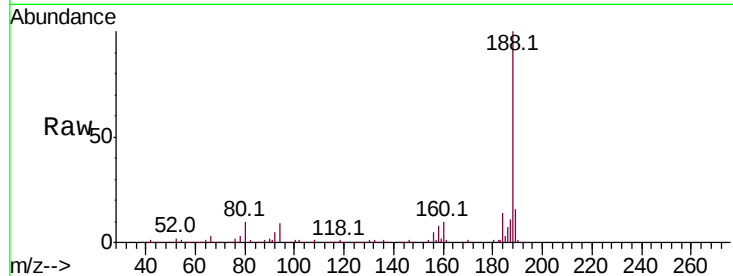




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

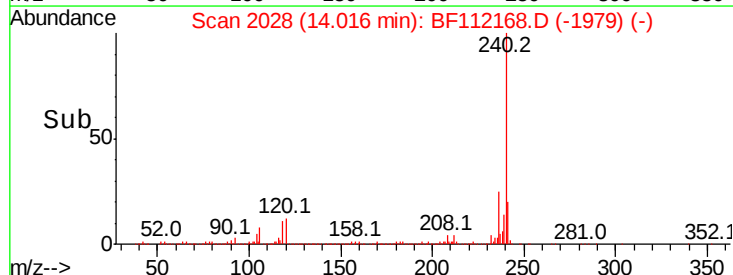
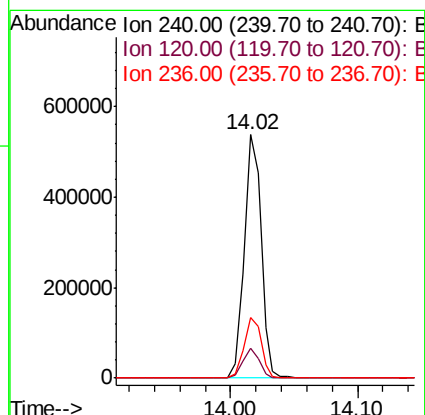
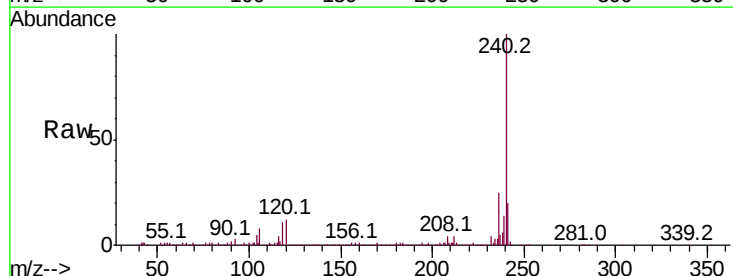
Instrument :
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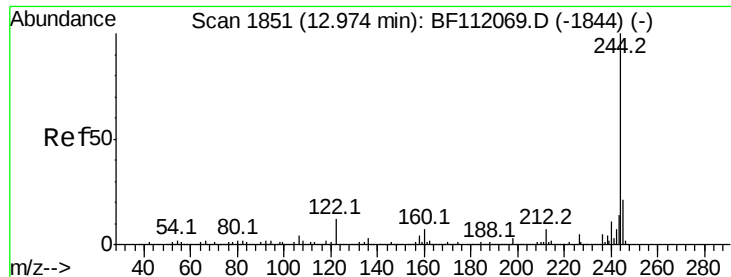
Tot Ion:188 Resp: 566880
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112168.D
Acq: 21 Jan 2019 19:39

Tgt Ion:240 Resp: 493123
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.6
236 25.1 20.7 31.1





#79

Terphenyl-d14

Concen: 97.216 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112168.D

Acq: 21 Jan 2019 19:39

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-C

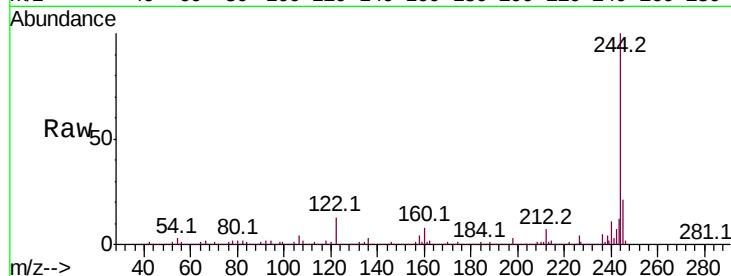
Tot Ion:244 Resp: 2253460

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

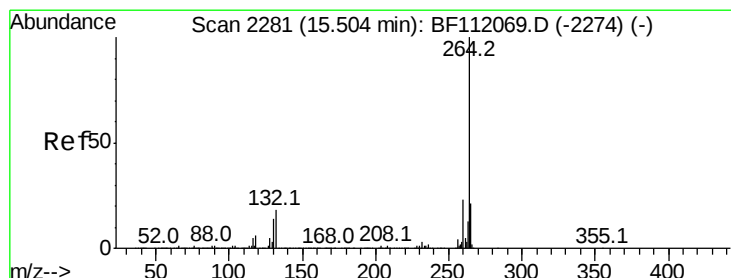
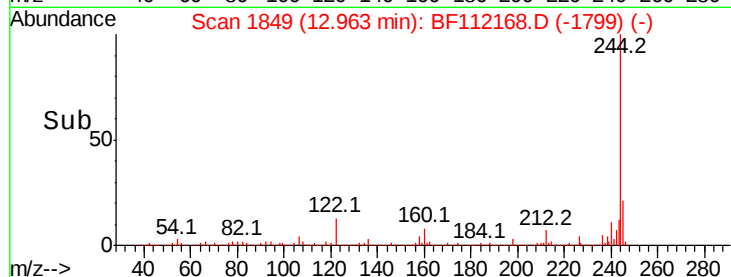
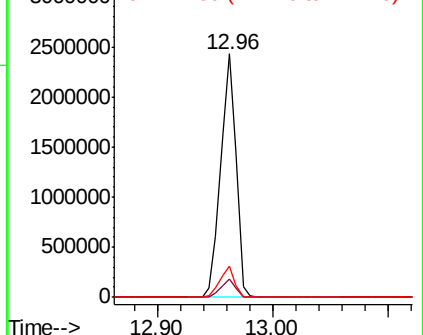
122 12.7 9.8 14.6



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112168.D

Acq: 21 Jan 2019 19:39

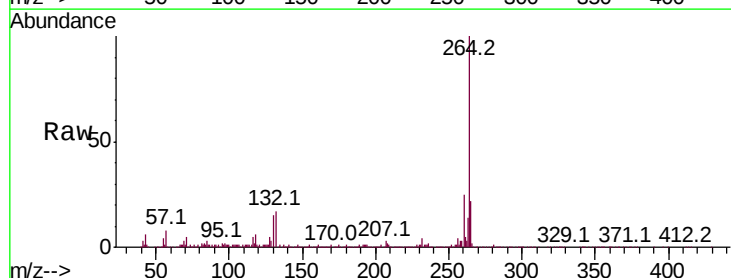
Tgt Ion:264 Resp: 350631

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.2

265 22.3 17.0 25.4



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

