

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112177.D
 Acq On : 22 Jan 2019 00:48
 Operator : JU/SJ
 Sample : K1190-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 011719-DBRI-E-D-M

Quant Time: Jan 22 01:35:23 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	6.85	152	205999	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	687550	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	267834	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	498226	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	476236	20.00	ng	-0.01
87) Perylene-d12	15.49	264	331582	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	482062	42.47	ng	0.00
7) Phenol-d6	6.49	99	367504	25.88	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1030946	103.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	255660	88.48	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1868027	102.25	ng	0.00
79) Terphenyl-d14	12.96	244	1804605	80.61	ng	-0.01

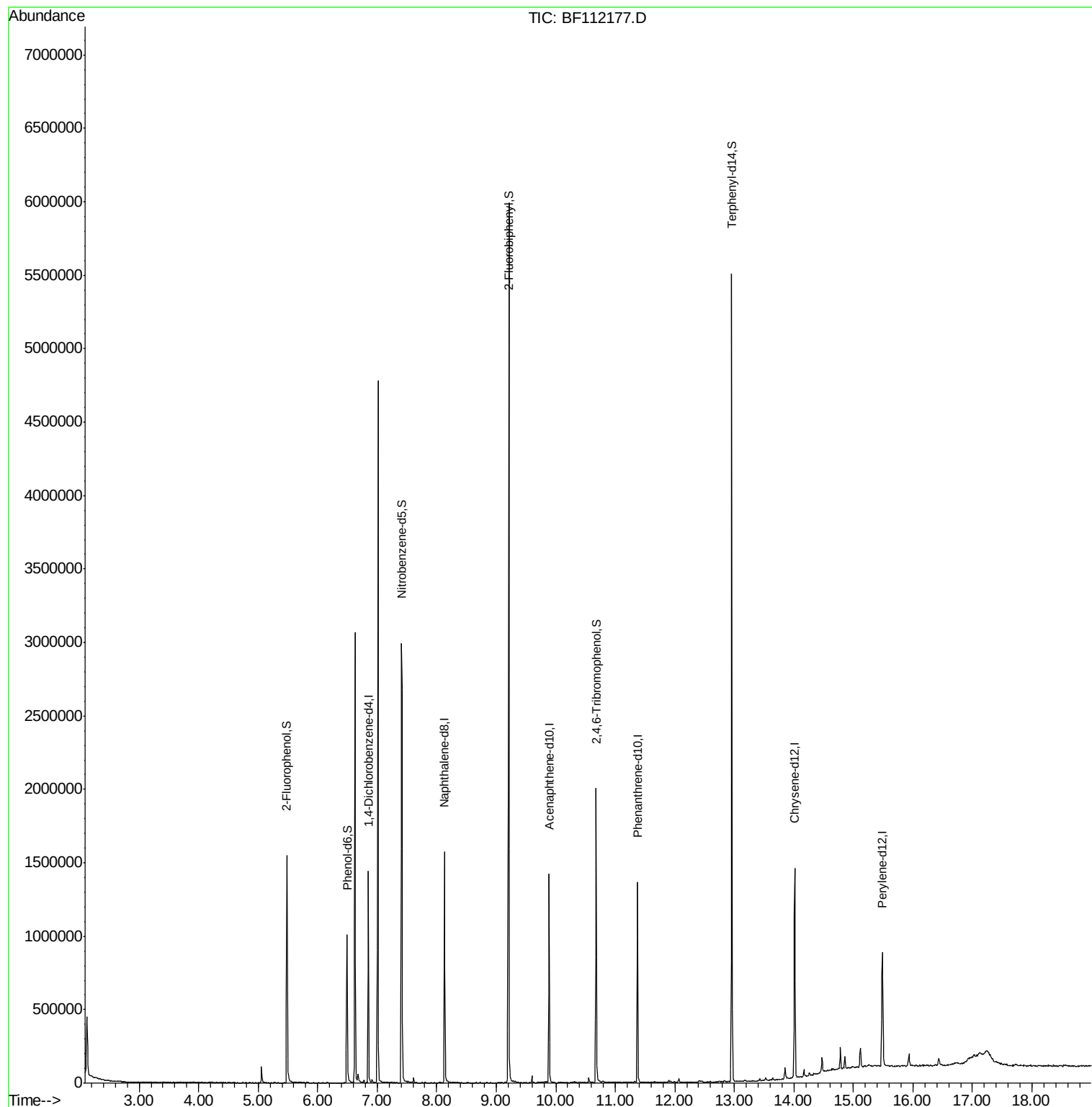
Target Compounds Qvalue

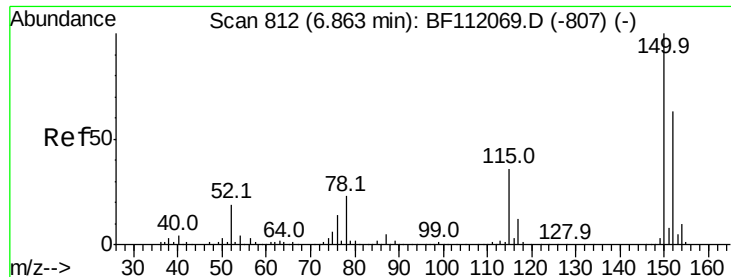
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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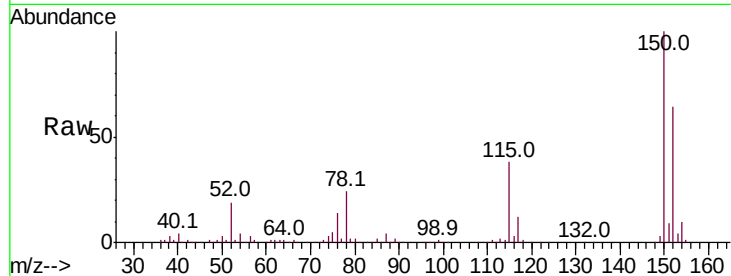


#1

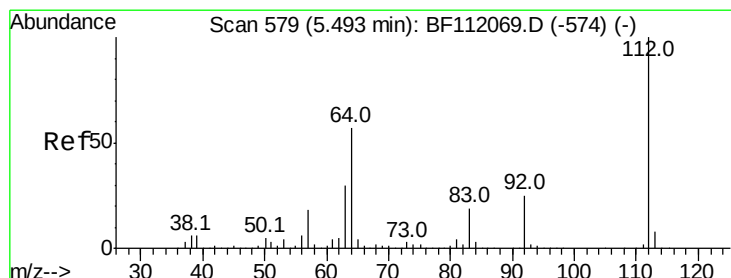
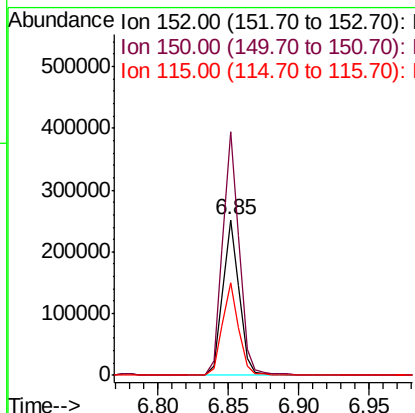
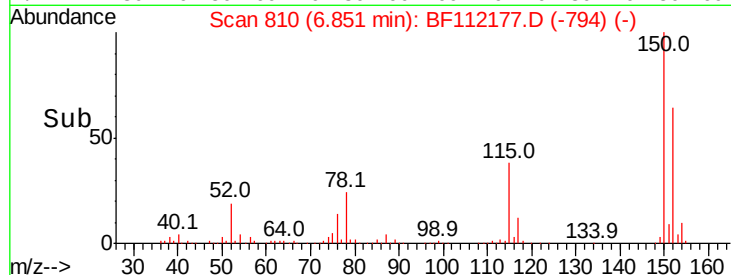
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

Instrument :
 BNA_F
 ClientSampleId :
 011719-DBRI-E-D-M

Tot Ion:152 Resp: 205999
 Ion Ratio Lower Upper
 152 100
 150 156.2 127.4 191.0
 115 59.6 45.5 68.3



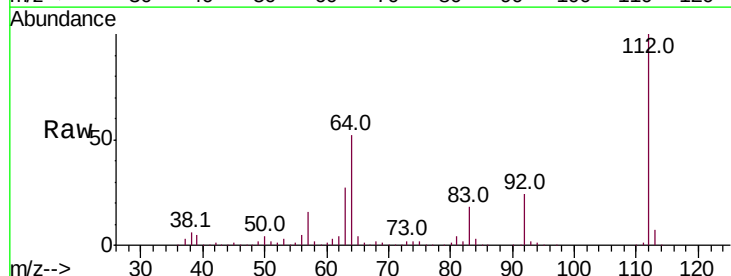
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



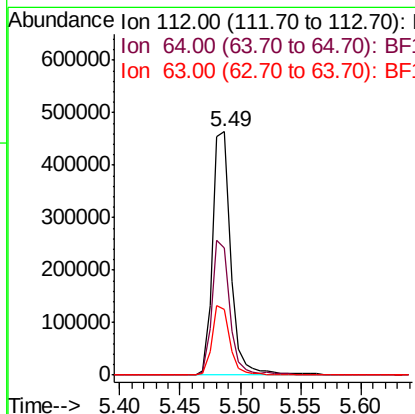
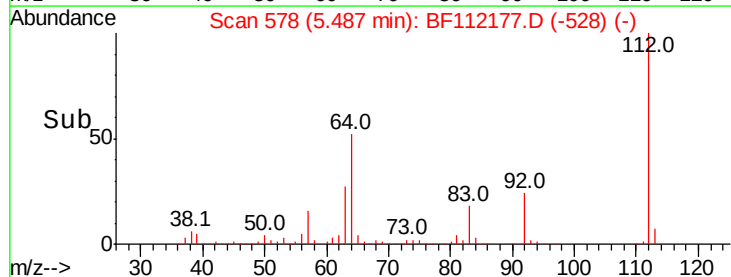
#5

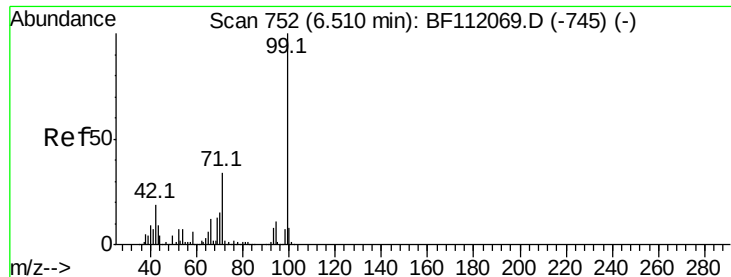
2-Fluorophenol
 Concen: 42.474 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

Tgt Ion:112 Resp: 482062
 Ion Ratio Lower Upper
 112 100
 64 52.1 45.7 68.5
 63 26.8 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: 25.880 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112177.D

Acq: 22 Jan 2019 00:48

Instrument :

BNA_F

ClientSampleId :

011719-DBRI-E-D-M

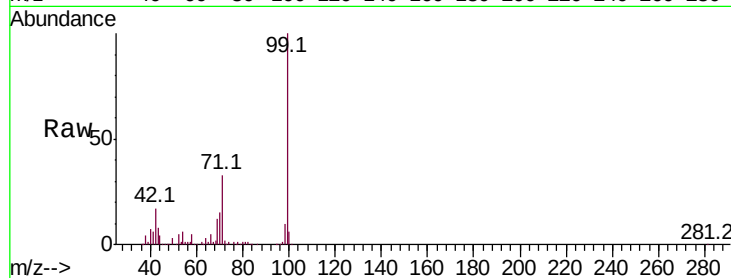
Tot Ion: 99 Resp: 367504

Ion Ratio Lower Upper

99 100

42 16.9 15.1 22.7

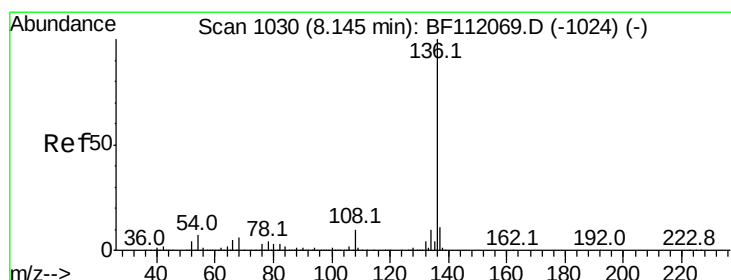
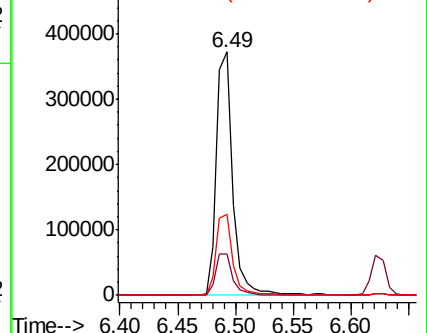
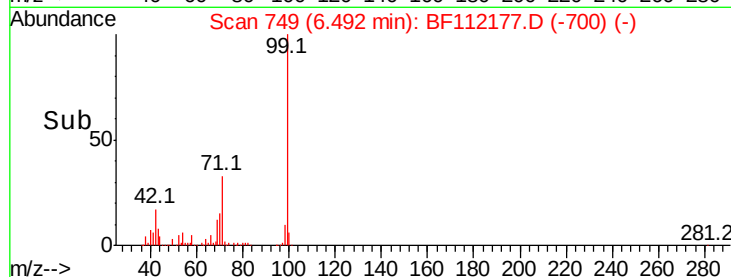
71 33.4 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112177.D

Acq: 22 Jan 2019 00:48

Tgt Ion: 136 Resp: 687550

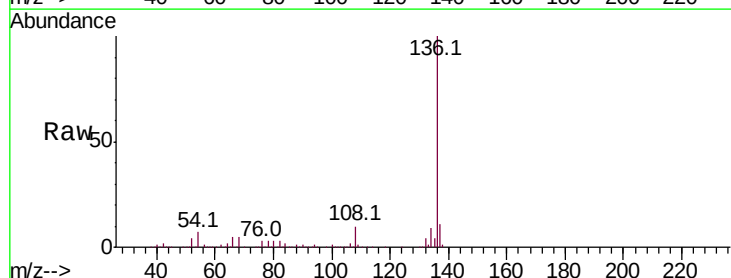
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.7 5.9 8.9

68 5.2 5.1 7.7

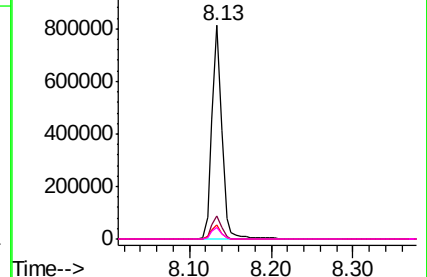
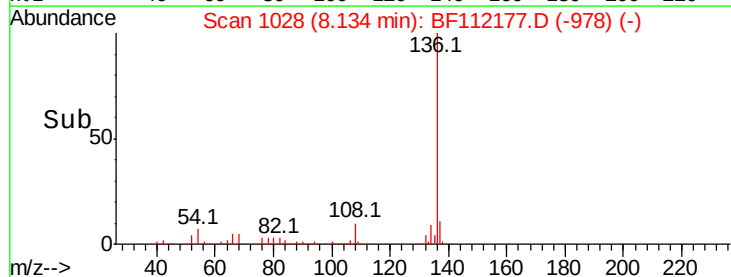


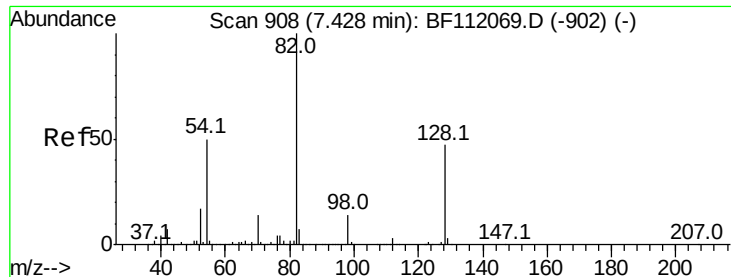
Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.595 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF112177.D

Acq: 22 Jan 2019 00:48

Instrument :

BNA_F

ClientSampleId :

011719-DBRI-E-D-M

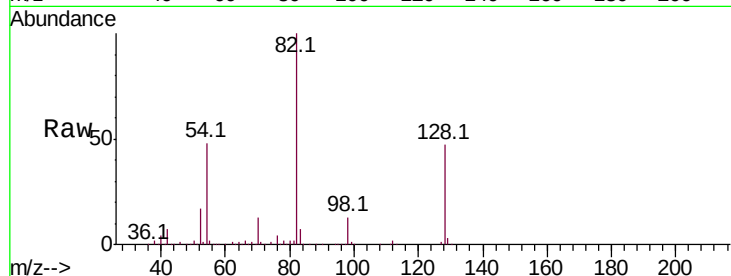
Tot Ion: 82 Resp: 1030946

Ion Ratio Lower Upper

82 100

128 46.6 37.8 56.8

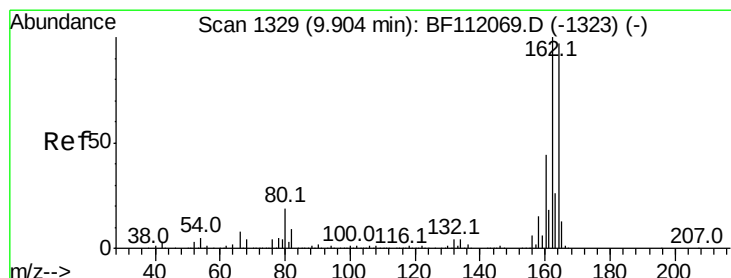
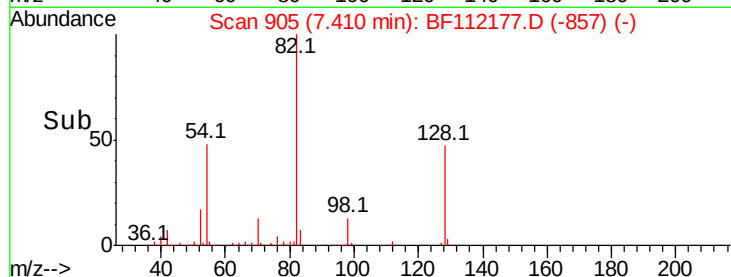
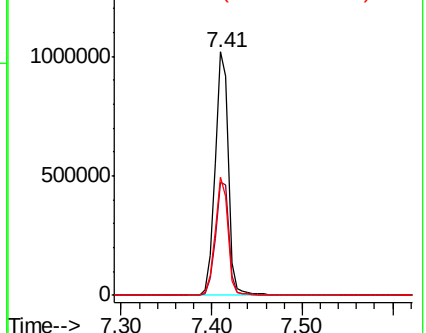
54 48.4 39.7 59.5



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: BF112177.D

Acq: 22 Jan 2019 00:48

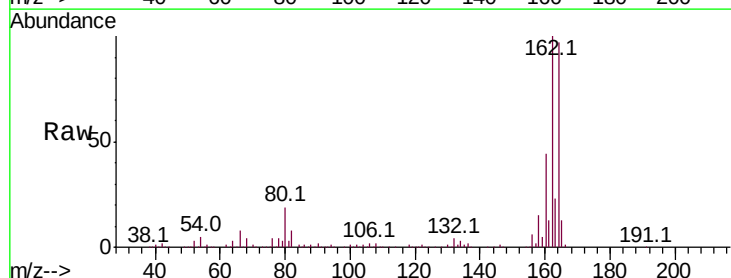
Tgt Ion: 164 Resp: 267834

Ion Ratio Lower Upper

164 100

162 103.0 82.2 123.4

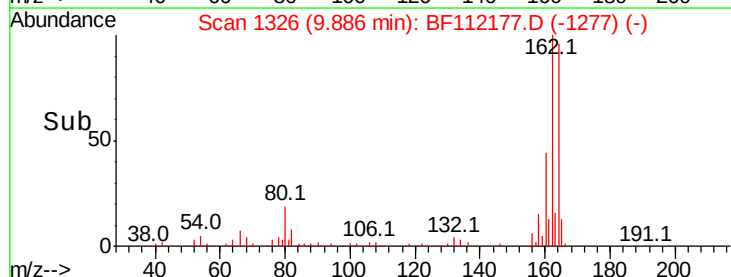
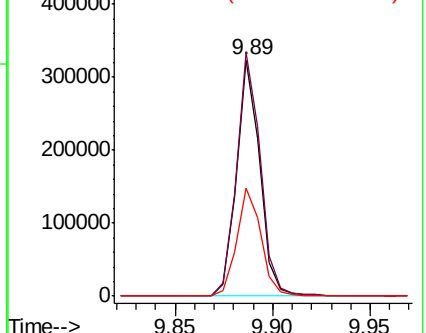
160 45.4 36.2 54.4

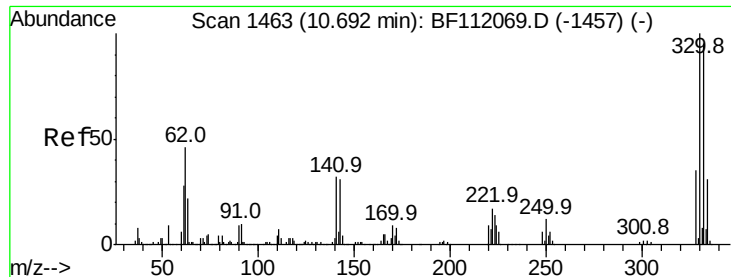


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

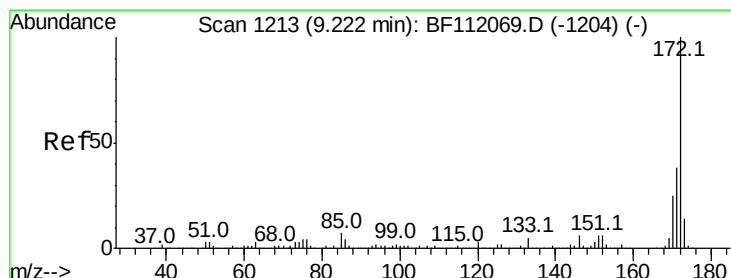
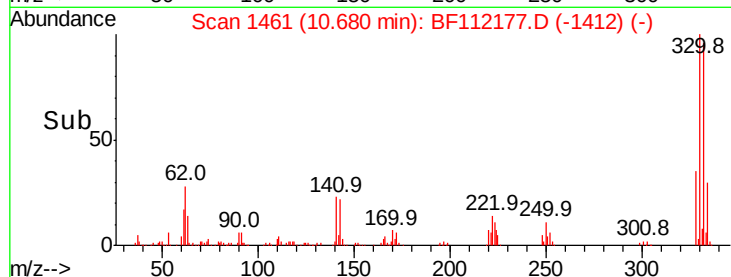
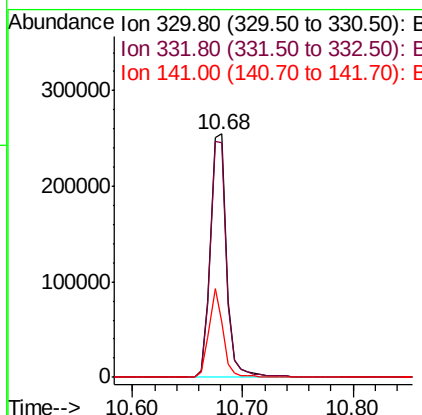
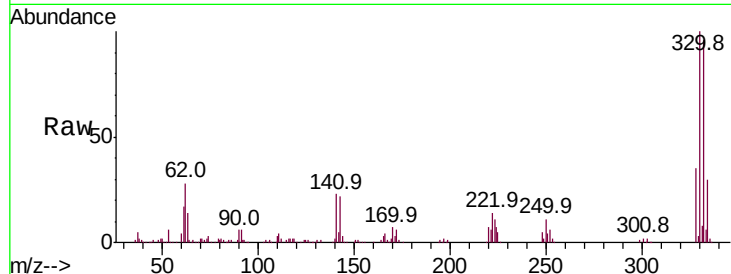




#42
 2,4,6-Tribromophenol
 Concen: 88.484 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

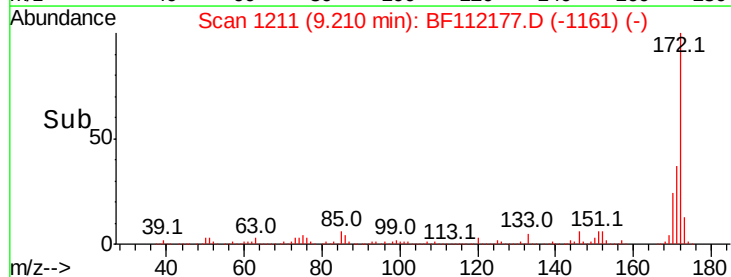
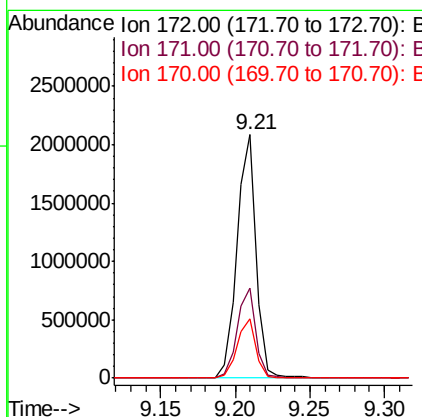
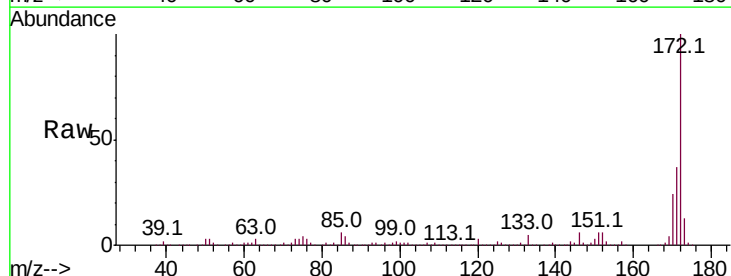
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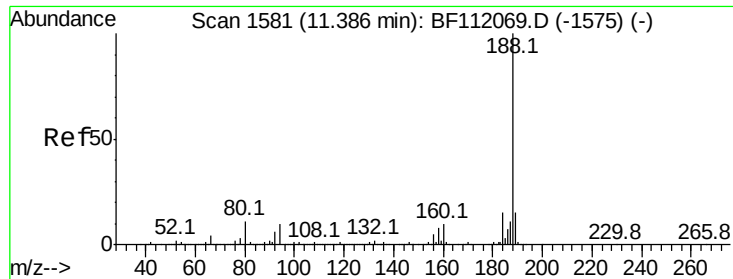
Tot Ion:330 Resp: 255660
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 31.4 24.3 36.5



#45
 2-Fluorobiphenyl
 Concen: 102.255 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

Tgt Ion:172 Resp: 1868027
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.5 45.7
 170 24.2 20.2 30.4

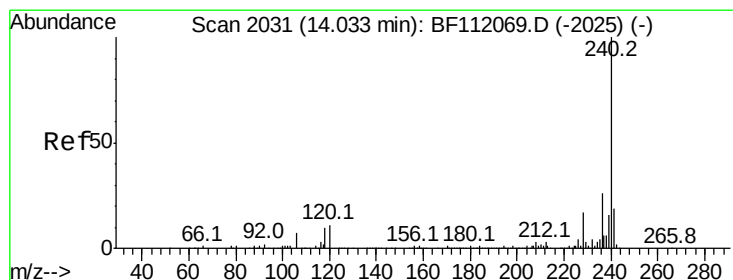
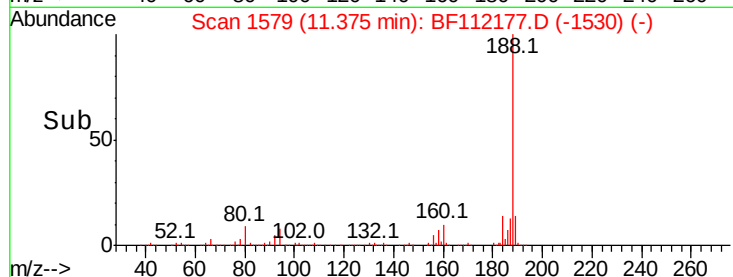
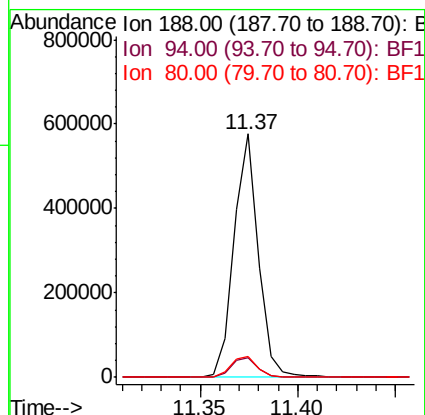
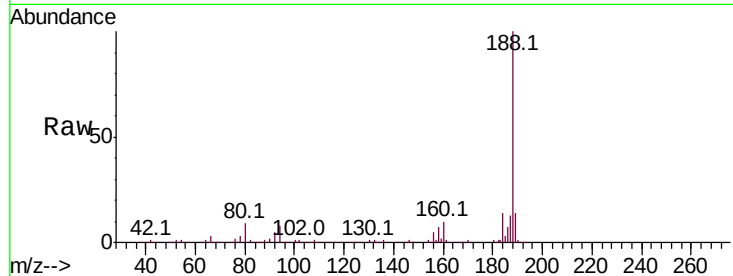




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112177.D
Acq: 22 Jan 2019 00:48

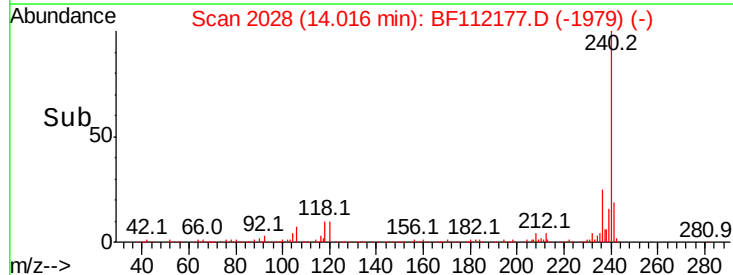
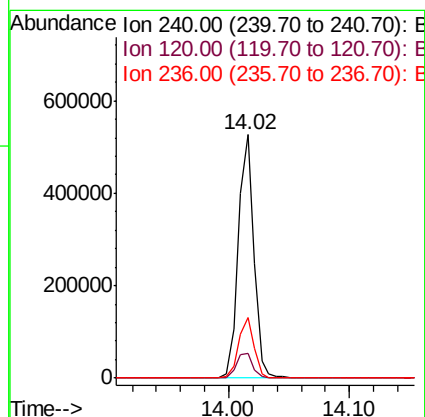
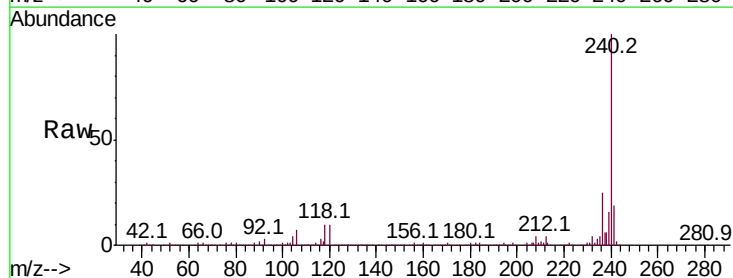
Instrument :
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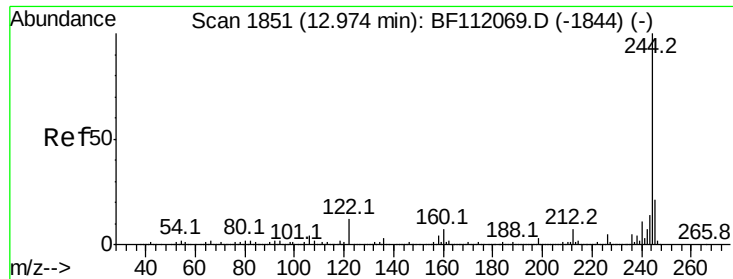
Tot Ion:188 Resp: 498226
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 8.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112177.D
Acq: 22 Jan 2019 00:48

Tgt Ion:240 Resp: 476236
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.6
236 24.7 20.7 31.1

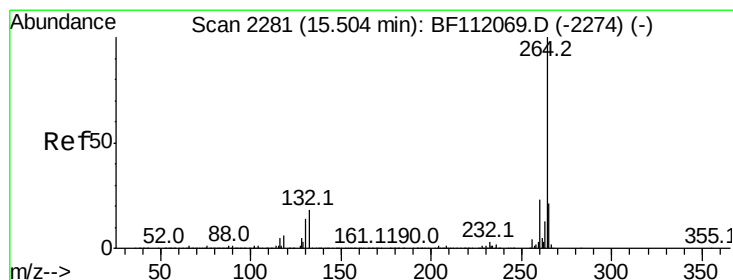
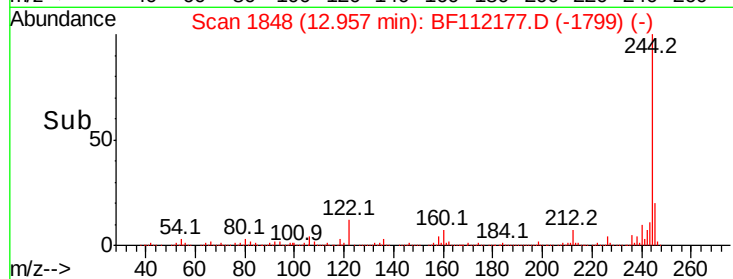
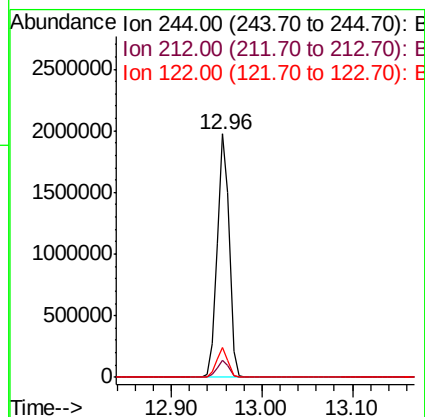
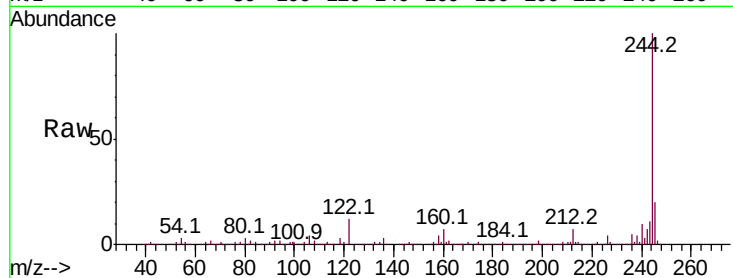




#79
 Terphenyl-d14
 Concen: 80.613 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

Instrument :
 BNA_F
 ClientSampleId :
 011719-DBRI-E-D-M

Tot Ion:244 Resp: 1804605
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.1 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

Tgt Ion:264 Resp: 331582
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 21.5 17.0 25.4

