

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
 Data File : BF112197.D
 Acq On : 23 Jan 2019 13:04
 Operator : JU/SJ
 Sample : PB116569BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116569BL

Quant Time: Jan 23 13:46:35 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	301323	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1192171	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	625996	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1285393	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	1144152	20.00	ng	0.00
87) Perylene-d12	15.49	264	1009581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1950954	117.52	ng	0.01
7) Phenol-d6	6.50	99	2458187	118.35	ng	0.00
23) Nitrobenzene-d5	7.42	82	1630105	94.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	928841	137.54	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3324483	77.86	ng	0.00
79) Terphenyl-d14	12.97	244	3746873	69.67	ng	0.00

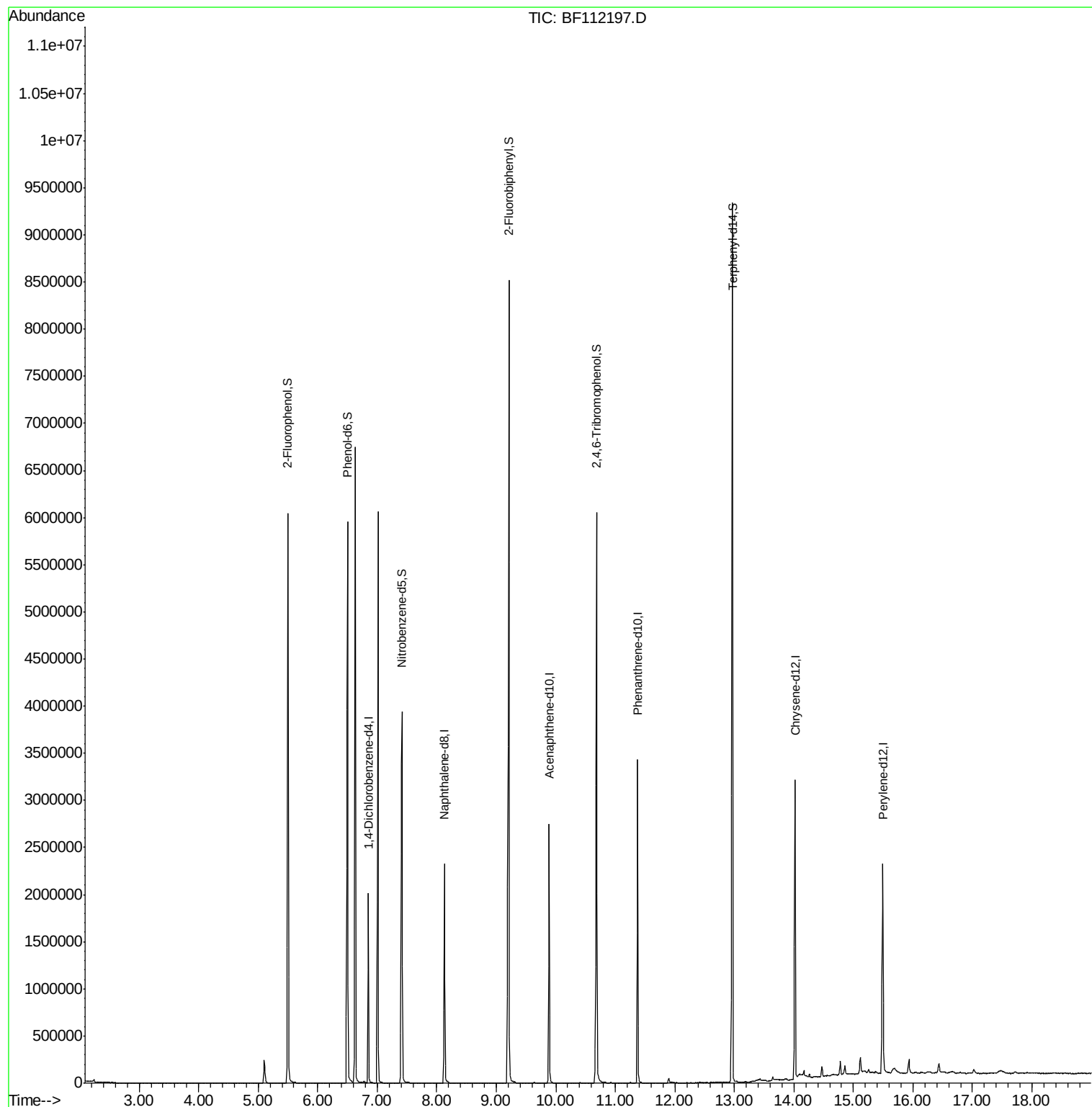
Target Compounds Qvalue

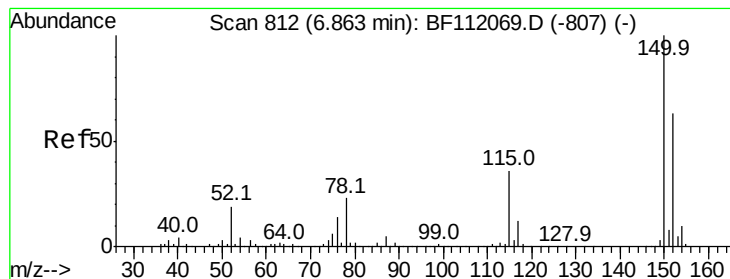
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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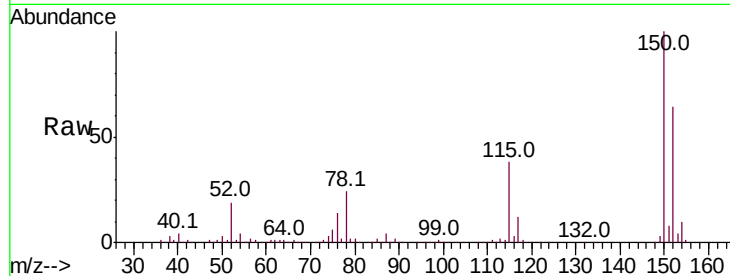


#1

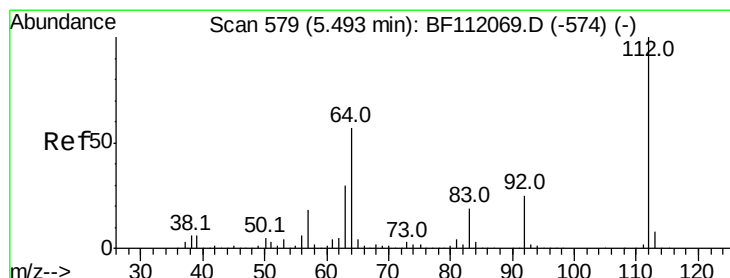
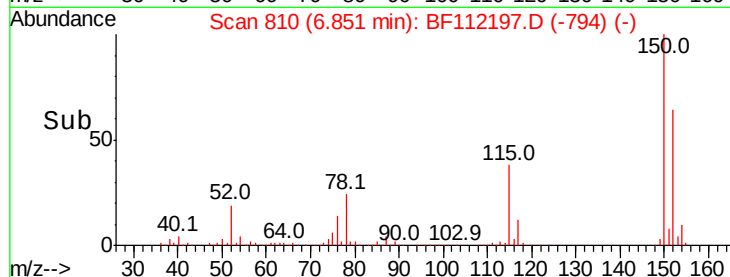
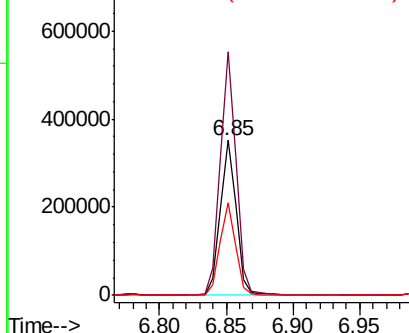
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112197.D
Acq: 23 Jan 2019 13:04

Instrument :
BNA_F
ClientSampleId :
PB116569BL

Tot Ion:152 Resp: 301323
Ion Ratio Lower Upper
152 100
150 157.3 127.4 191.0
115 59.7 45.5 68.3



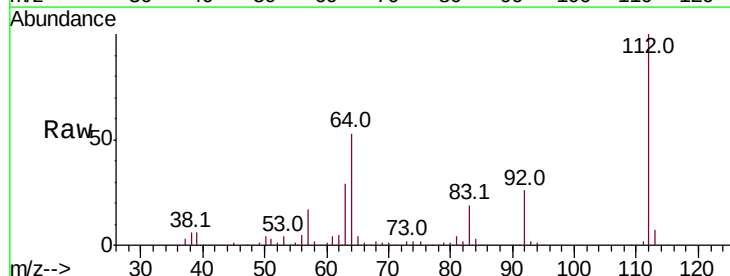
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



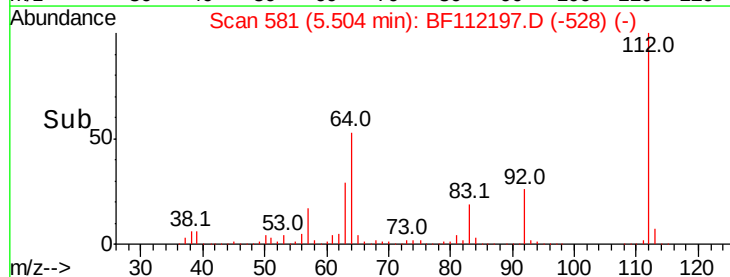
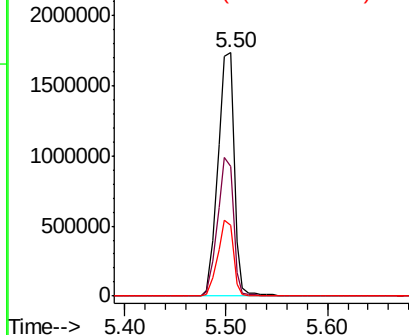
#5

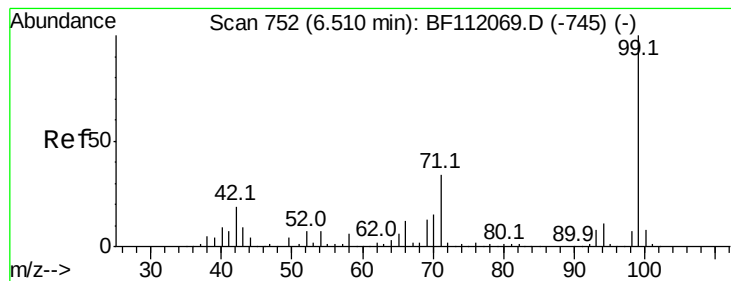
2-Fluorophenol
Concen: 117.517 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF112197.D
Acq: 23 Jan 2019 13:04

Tgt Ion:112 Resp: 1950954
Ion Ratio Lower Upper
112 100
64 53.4 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: 118.347 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112197.D

Acq: 23 Jan 2019 13:04

Instrument :

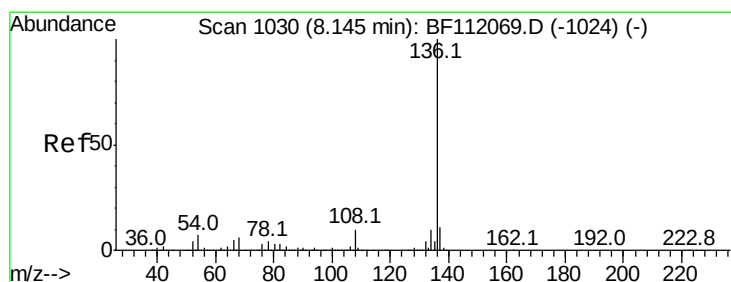
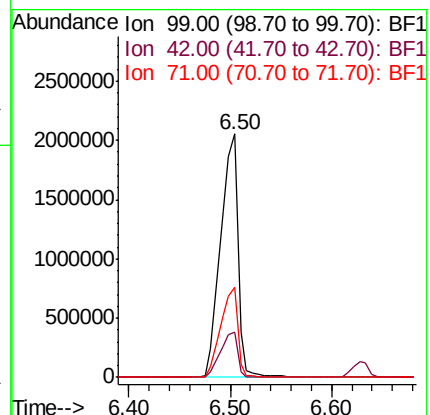
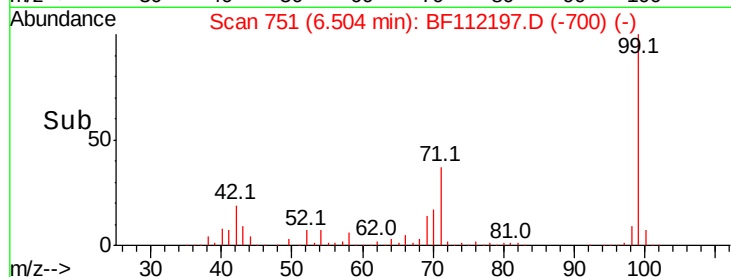
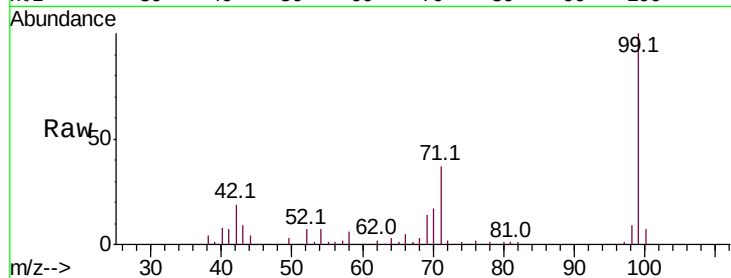
BNA_F

ClientSampleId :

PB116569BL

Tot Ion: 99 Resp: 2458187

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.1	22.7
71	37.1	26.9	40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

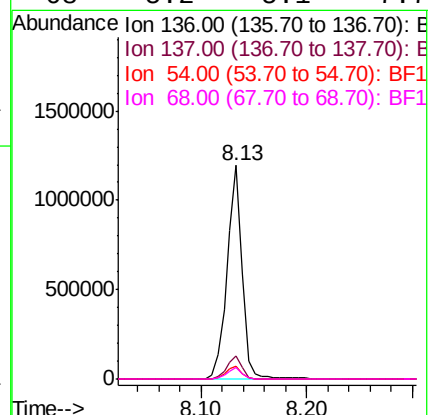
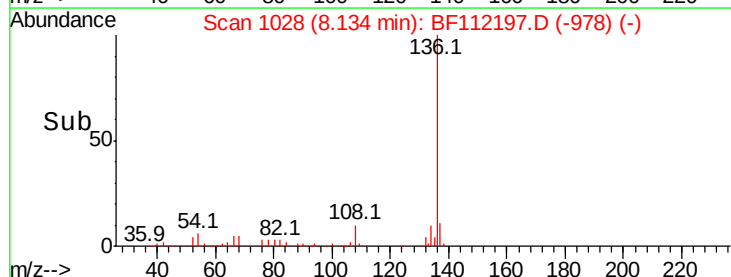
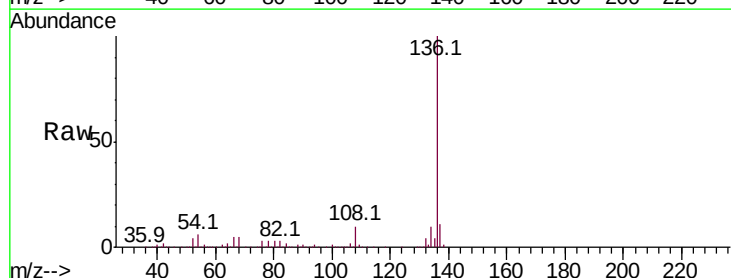
Delta R.T. -0.01 min

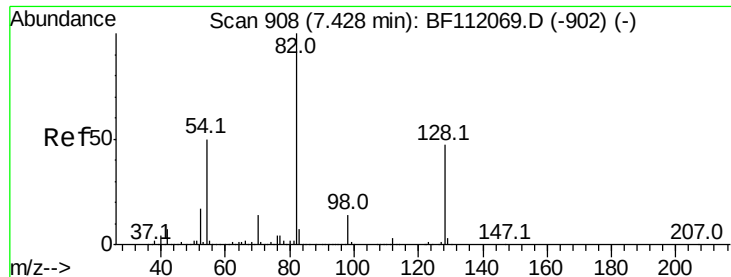
Lab File: BF112197.D

Acq: 23 Jan 2019 13:04

Tgt Ion: 136 Resp: 1192171

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.3	5.9	8.9
68	5.2	5.1	7.7





#23

Nitrobenzene-d5

Concen: 94.468 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112197.D

Acq: 23 Jan 2019 13:04

Instrument :

BNA_F

ClientSampleId :

PB116569BL

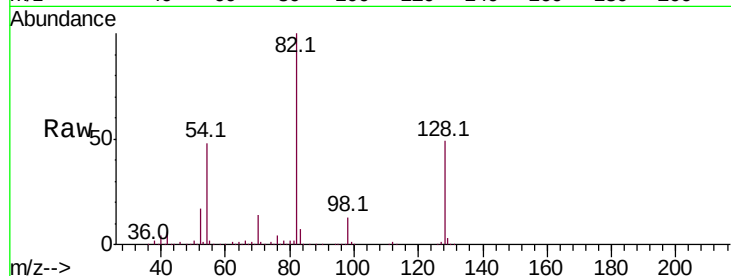
Tot Ion: 82 Resp: 1630105

Ion Ratio Lower Upper

82 100

128 49.2 37.8 56.8

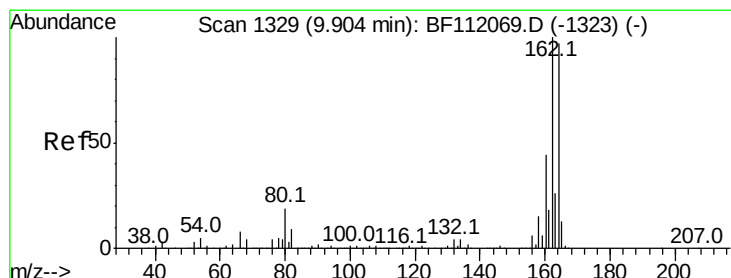
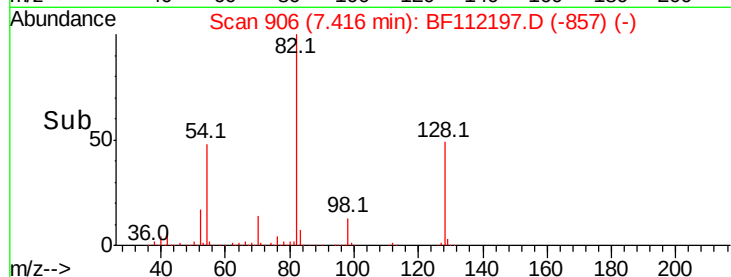
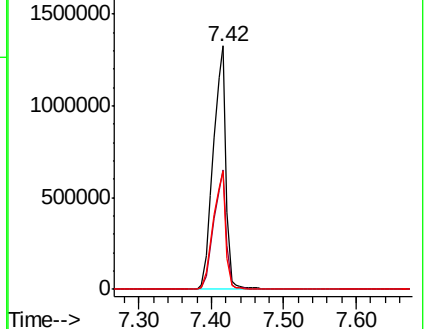
54 48.3 39.7 59.5



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: BF112197.D

Acq: 23 Jan 2019 13:04

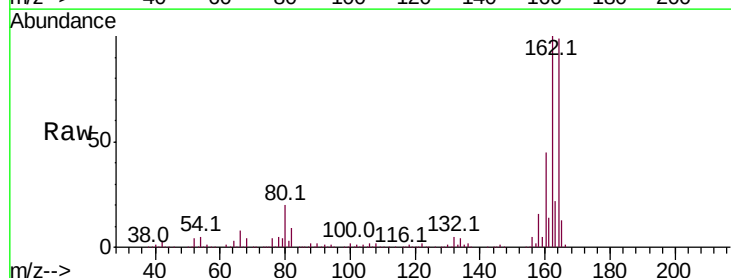
Tgt Ion: 164 Resp: 625996

Ion Ratio Lower Upper

164 100

162 100.6 82.2 123.4

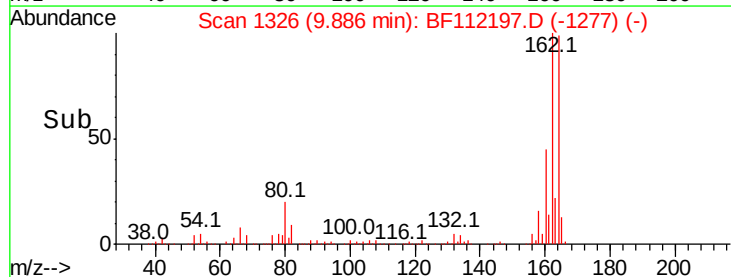
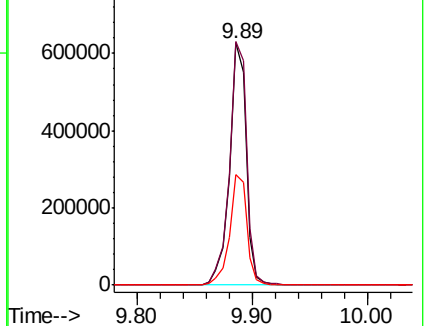
160 45.5 36.2 54.4

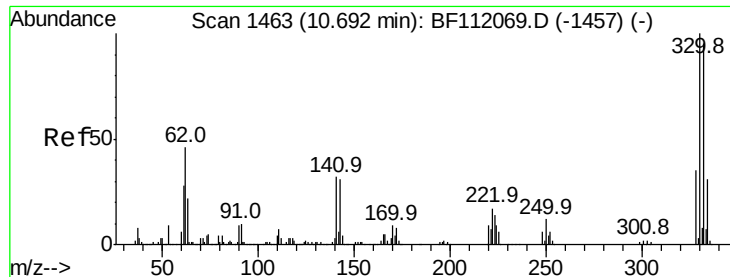


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

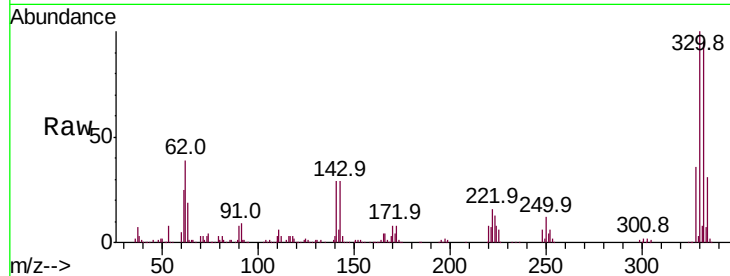




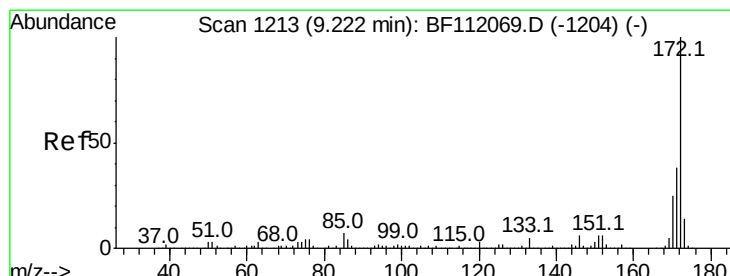
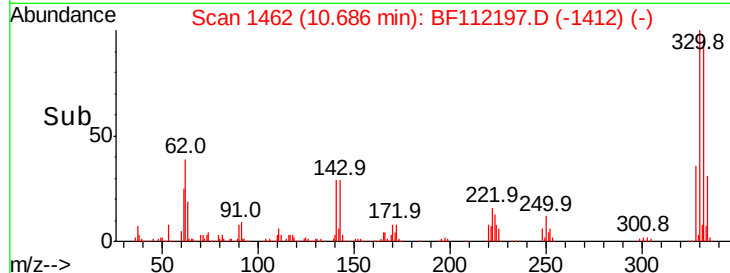
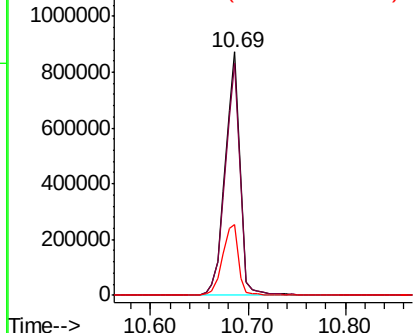
#42
 2,4,6-Tribromophenol
 Concen: 137.542 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112197.D
 Acq: 23 Jan 2019 13:04

Instrument :
 BNA_F
 ClientSampleId :
 PB116569BL

Tot Ion:330 Resp: 928841
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 31.3 24.3 36.5

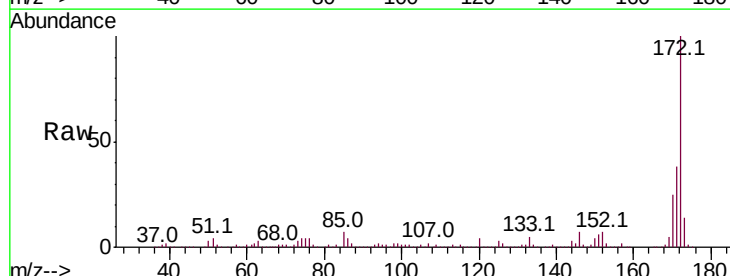


Abundance Ion 329.80 (329.50 to 330.50): E
 1200000 Ion 331.80 (331.50 to 332.50): E
 1000000 Ion 141.00 (140.70 to 141.70): E

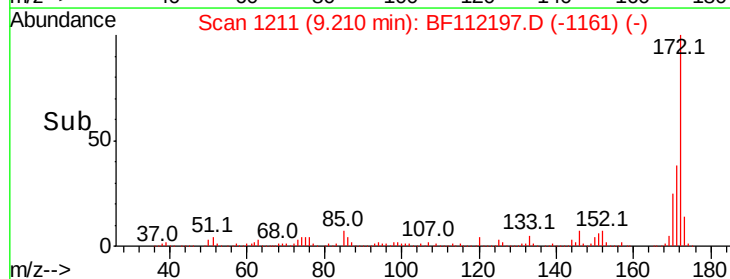
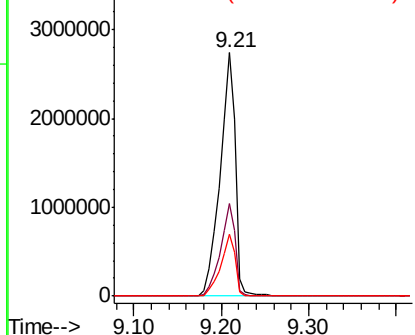


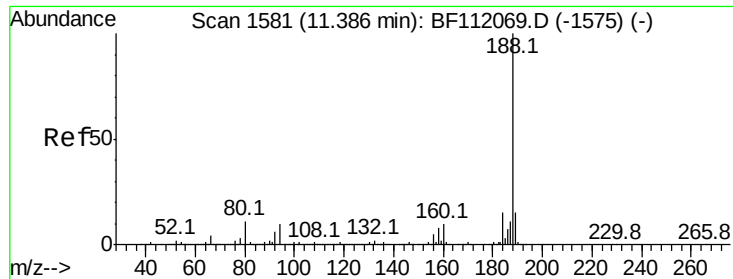
#45
 2-Fluorobiphenyl
 Concen: 77.861 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112197.D
 Acq: 23 Jan 2019 13:04

Tgt Ion:172 Resp: 3324483
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.5 45.7
 170 25.5 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 3000000 Ion 171.00 (170.70 to 171.70): E
 2000000 Ion 170.00 (169.70 to 170.70): E

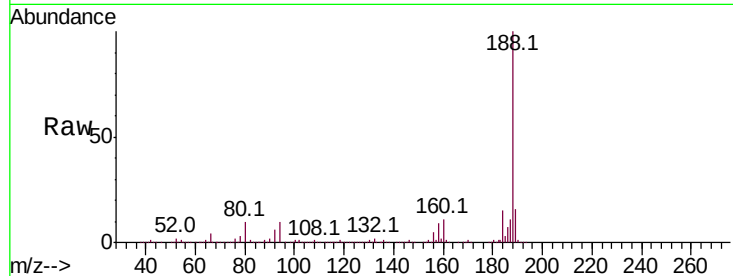




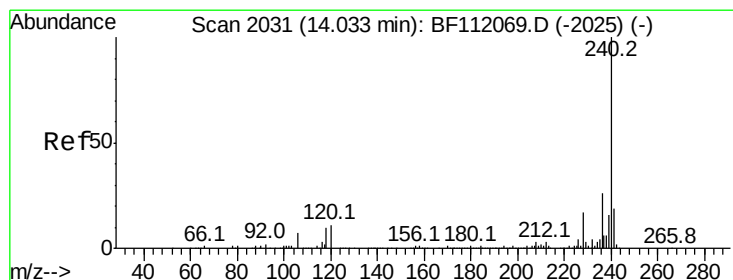
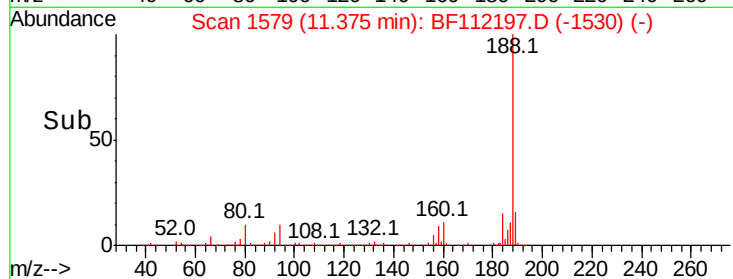
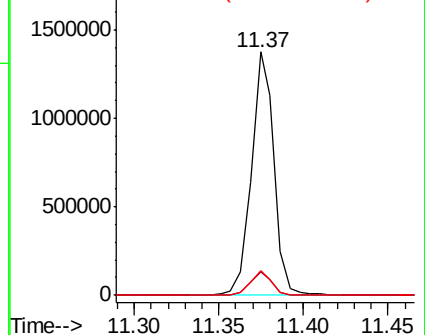
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112197.D
Acq: 23 Jan 2019 13:04

Instrument :
BNA_F
ClientSampleId :
PB116569BL

Tot Ion:188 Resp: 1285393
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.3 8.9 13.3

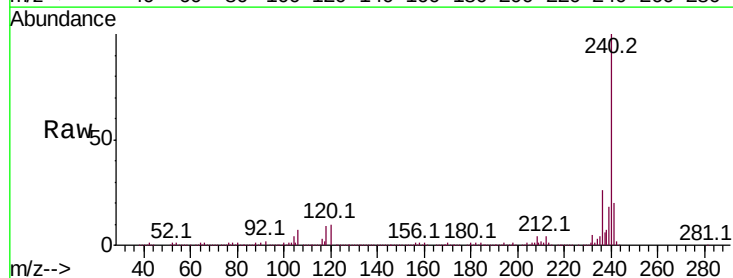


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

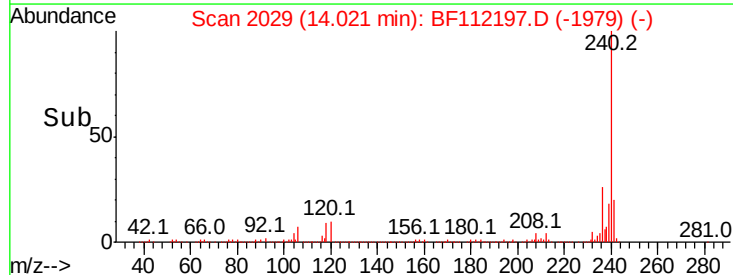
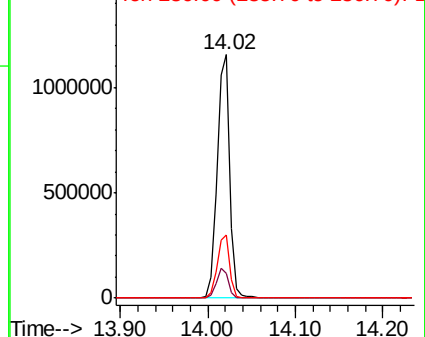


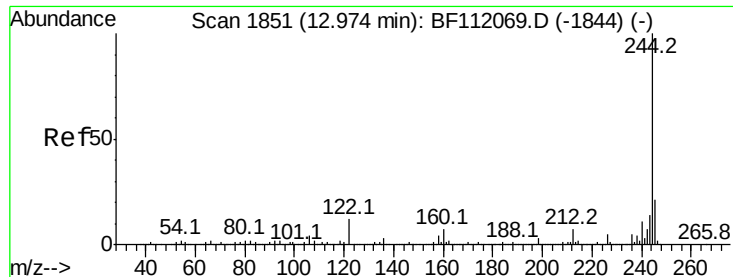
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112197.D
Acq: 23 Jan 2019 13:04

Tgt Ion:240 Resp: 1144152
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.6
236 25.9 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: 69.667 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF112197.D

Acq: 23 Jan 2019 13:04

Instrument :

BNA_F

ClientSampleId :

PB116569BL

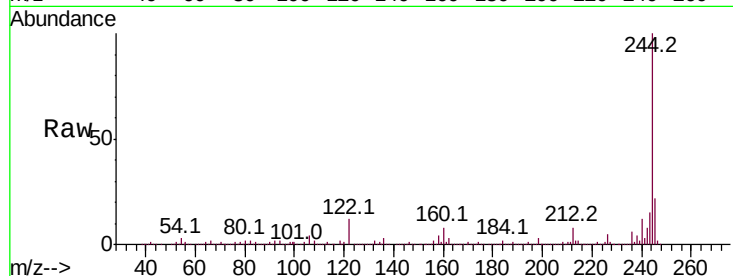
Tot Ion:244 Resp: 3746873

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

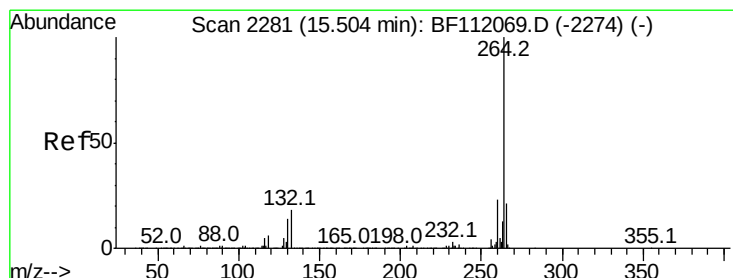
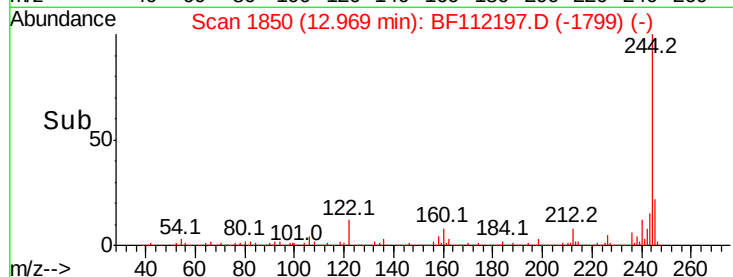
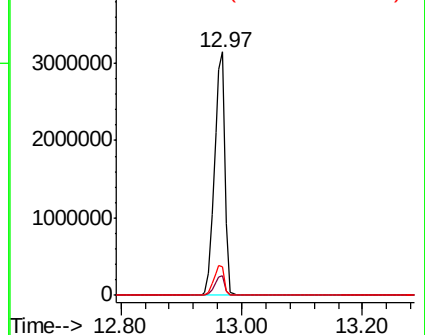
122 11.6 9.8 14.6



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: BF112197.D

Acq: 23 Jan 2019 13:04

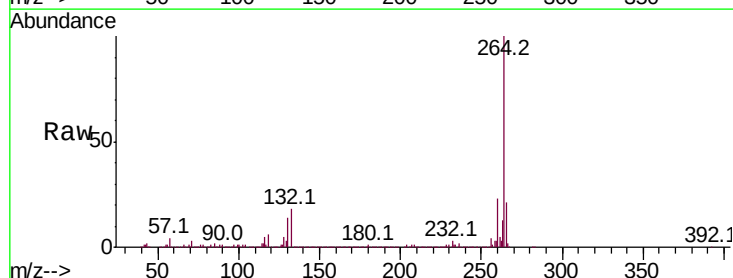
Tgt Ion:264 Resp: 1009581

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 21.3 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

