

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104291.D
 Acq On : 6 Apr 2018 00:57
 Operator : JU/SJ
 Sample : J2226-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040318-SIDI-E-D-S

Quant Time: Apr 06 03:08:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	99207	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	478084	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	222889	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	411099	20.00	ng	0.00
75) Chrysene-d12	14.13	240	275884	20.00	ng	-0.01
86) Perylene-d12	15.66	264	225258	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	148861	23.93	ng	0.00
7) Phenol-d6	6.62	99	166305	21.73	ng	0.01
23) Nitrobenzene-d5	7.52	82	791200	101.21	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	237690	95.77	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1542157	109.11	ng	0.00
78) Terphenyl-d14	13.06	244	1327224	111.08	ng	0.00

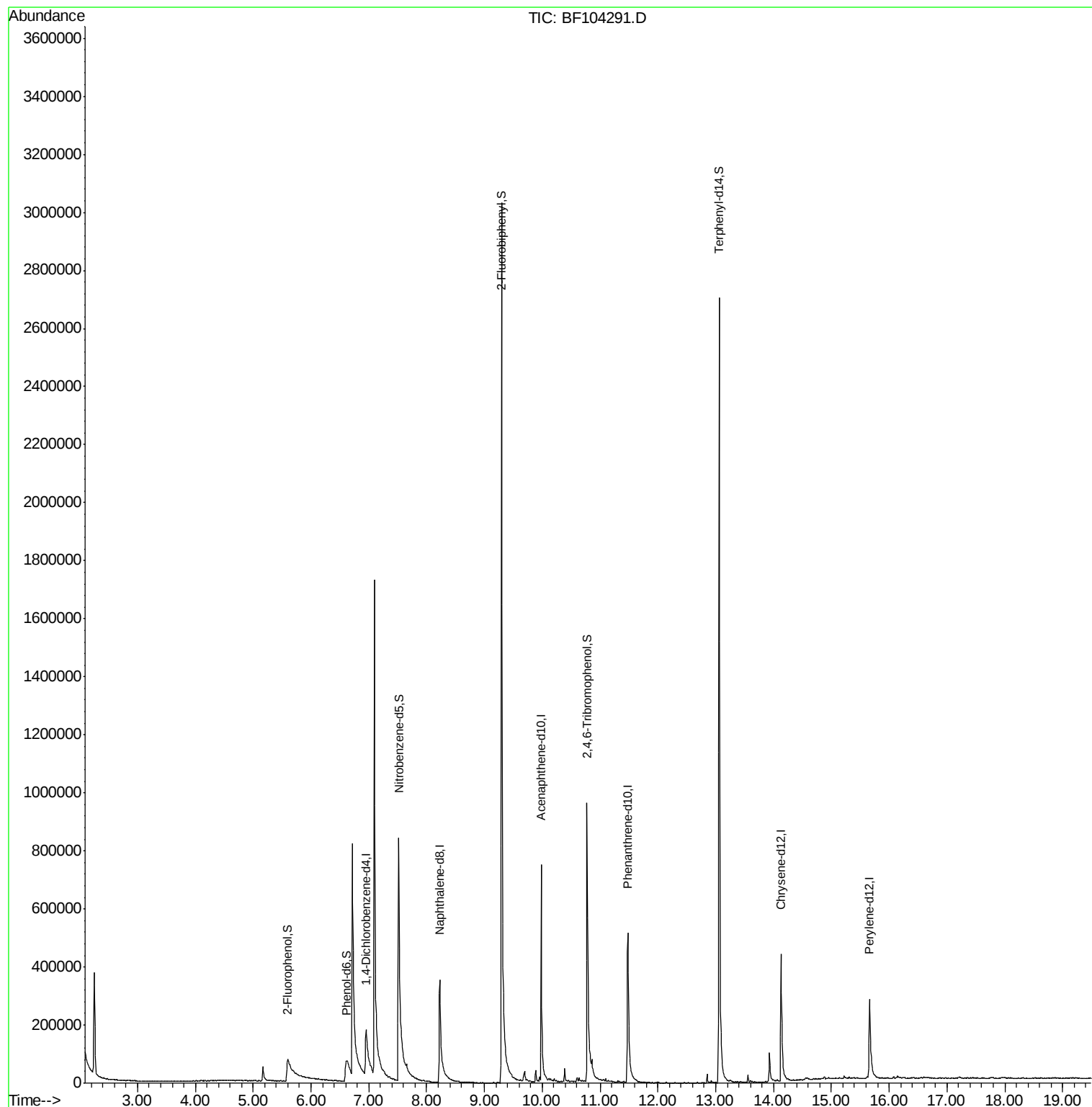
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104291.D
Acq On : 6 Apr 2018 00:57
Operator : JU/SJ
Sample : J2226-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
040318-SIDI-E-D-S

Quant Time: Apr 06 03:08:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration



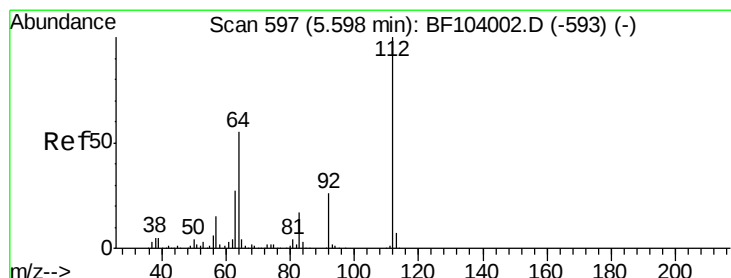
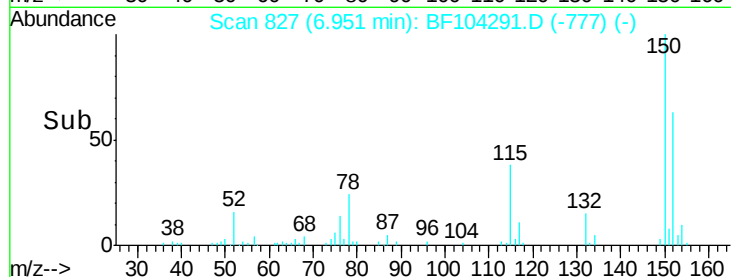
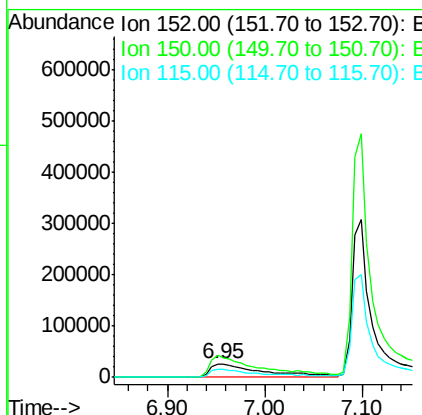
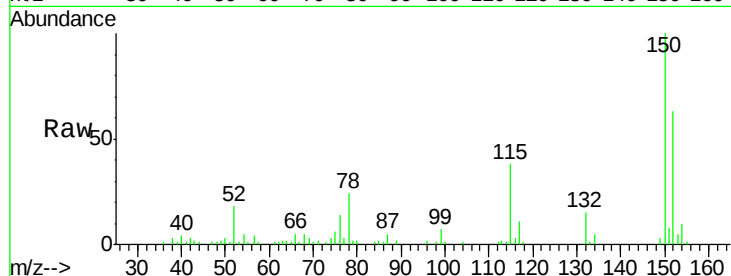


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF104291.D
 Acq: 6 Apr 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 040318-SIDI-E-D-S

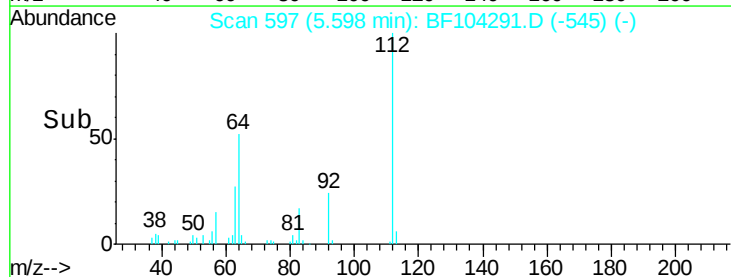
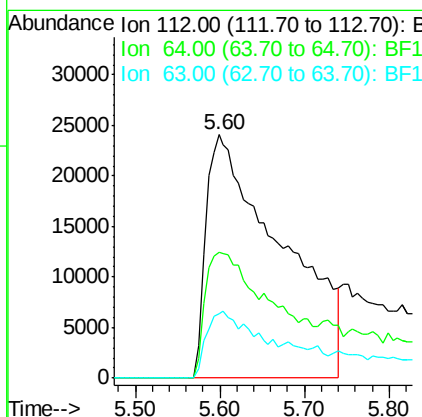
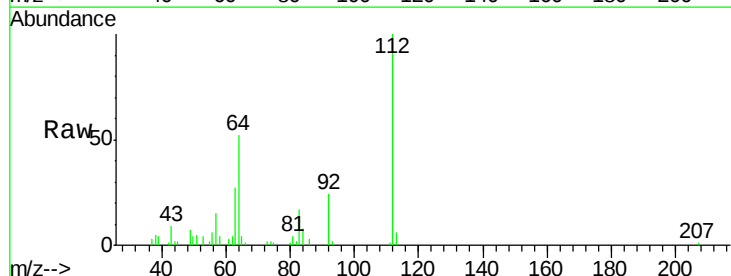
Tot Ion:152 Resp: 99207
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.6 186.8
 115 61.4 50.1 75.1



#5

2-Fluorophenol
 Concen: 23.929 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF104291.D
 Acq: 6 Apr 2018 00:57

Tgt Ion:112 Resp: 148861
 Ion Ratio Lower Upper
 112 100
 64 51.8 47.9 71.9
 63 26.6 23.7 35.5





#7

Phenol-d6

Concen: 21.729 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF104291.D

Acq: 6 Apr 2018 00:57

Instrument :

BNA_F

ClientSampleId :

040318-SIDI-E-D-S

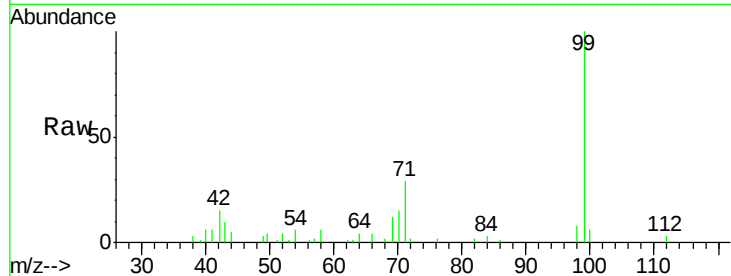
Tot Ion: 99 Resp: 166305

Ion Ratio Lower Upper

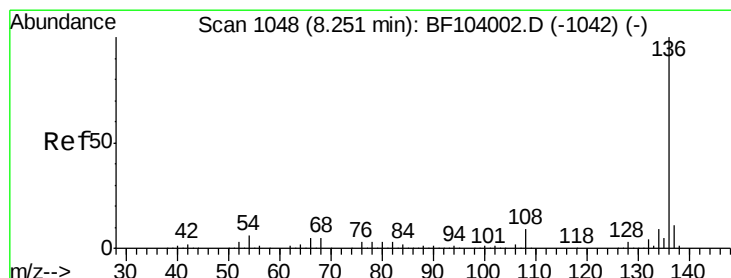
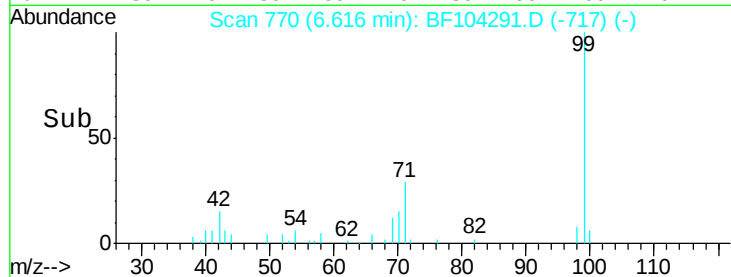
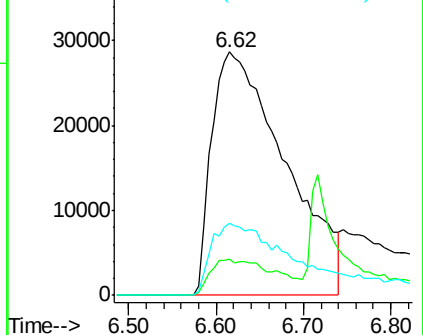
99 100

42 14.7 14.5 21.7

71 29.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104291.D

Acq: 6 Apr 2018 00:57

Tgt Ion: 136 Resp: 478084

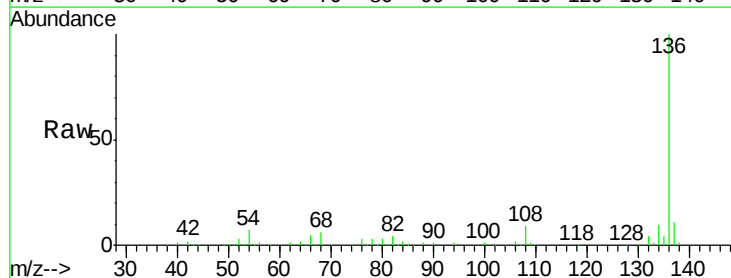
Ion Ratio Lower Upper

136 100

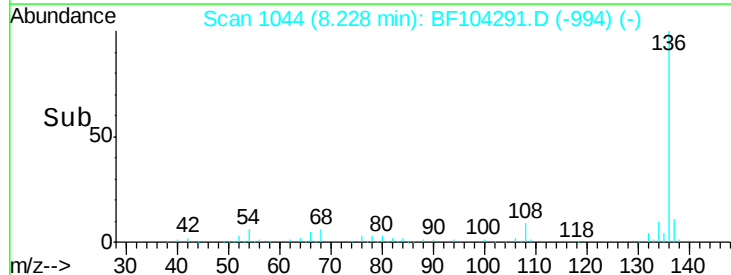
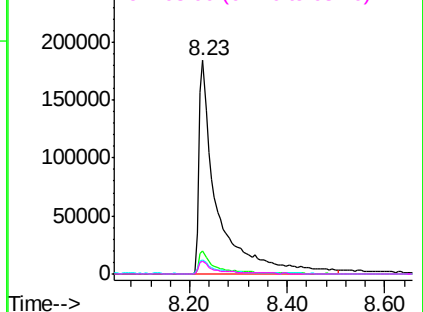
137 10.7 8.9 13.3

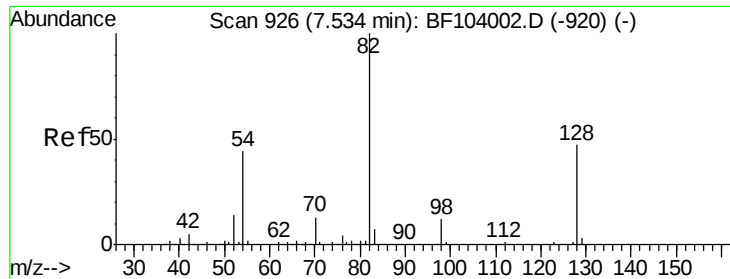
54 6.8 6.6 9.8

68 6.0 5.0 7.4



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

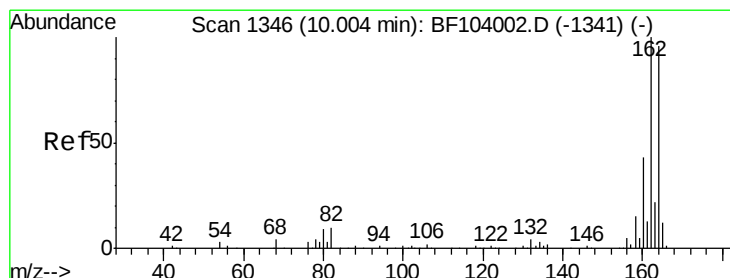
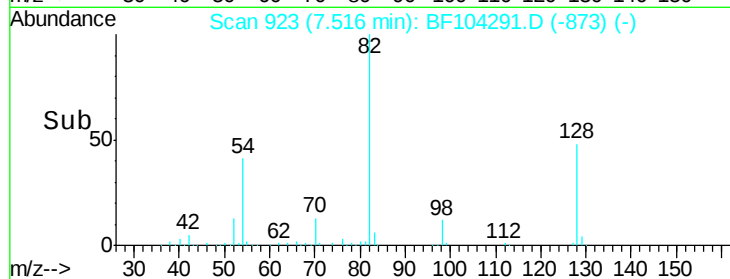
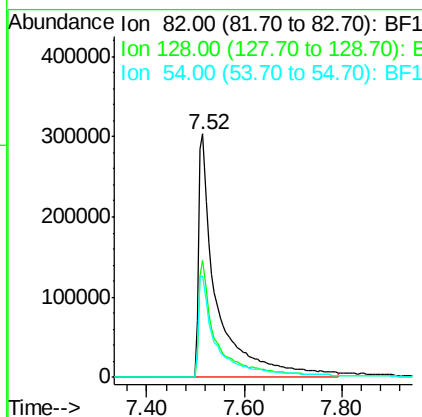
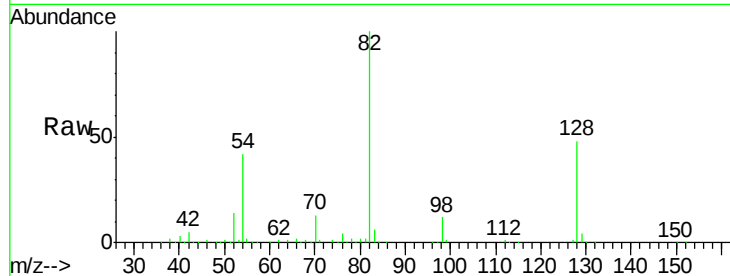




#23
 Nitrobenzene-d5
 Concen: 101.209 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104291.D
 Acq: 6 Apr 2018 00:57

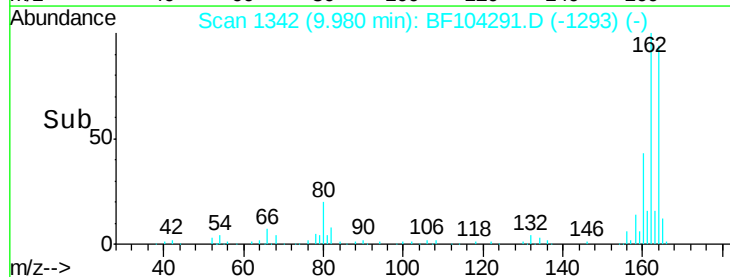
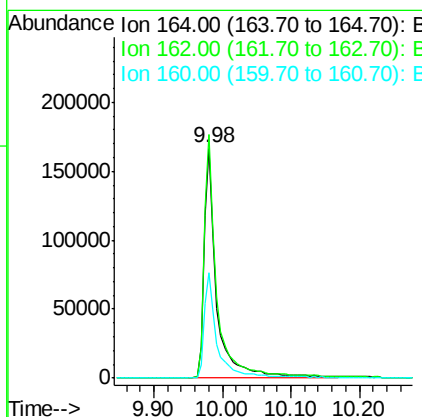
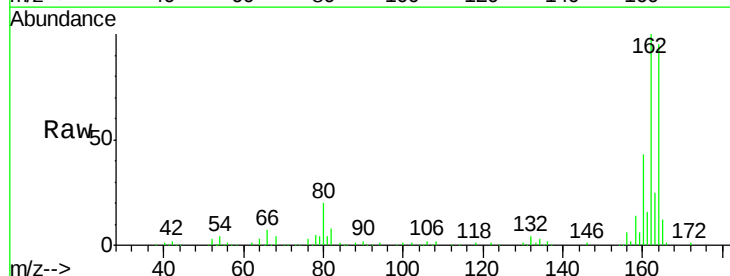
Instrument :
 BNA_F
 ClientSampleId :
 040318-SIDI-E-D-S

Tot Ion: 82 Resp: 791200
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 41.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104291.D
 Acq: 6 Apr 2018 00:57

Tgt Ion: 164 Resp: 222889
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 46.0 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 95.770 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF104291.D

Acq: 6 Apr 2018 00:57

Instrument :

BNA_F

ClientSampleId :

040318-SIDI-E-D-S

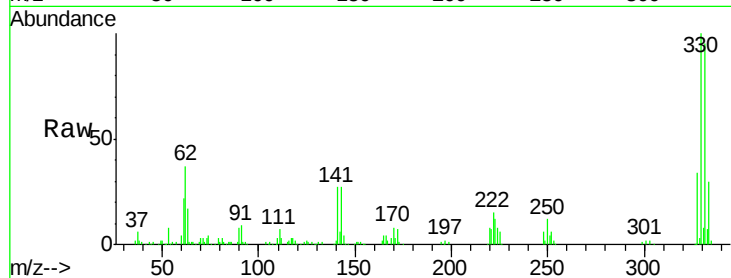
Tot Ion:330 Resp: 237690

Ion Ratio Lower Upper

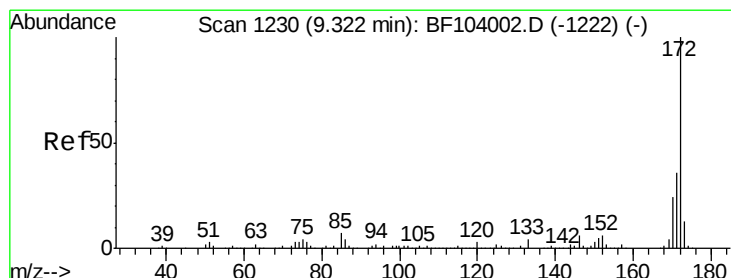
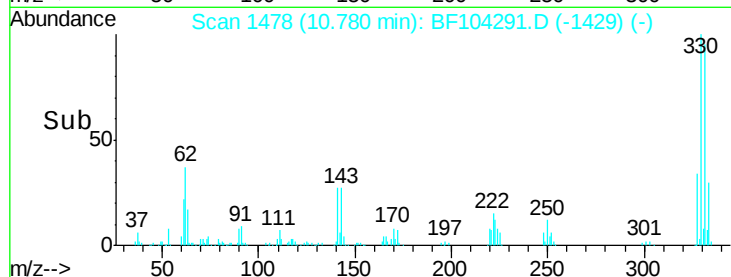
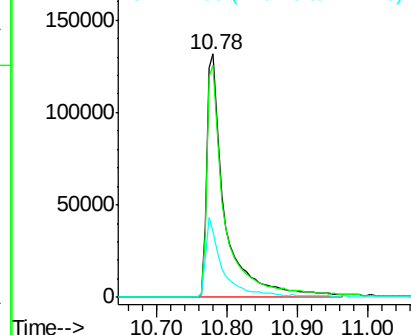
330 100

332 96.3 77.0 115.6

141 30.8 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 109.106 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF104291.D

Acq: 6 Apr 2018 00:57

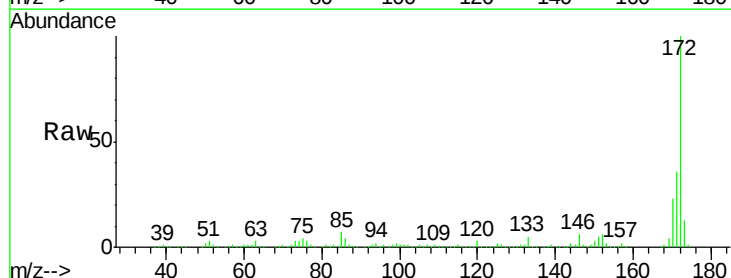
Tgt Ion:172 Resp: 1542157

Ion Ratio Lower Upper

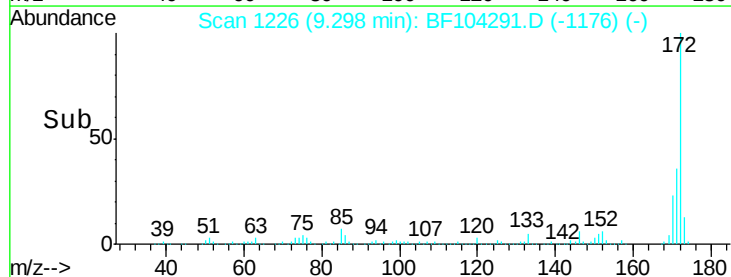
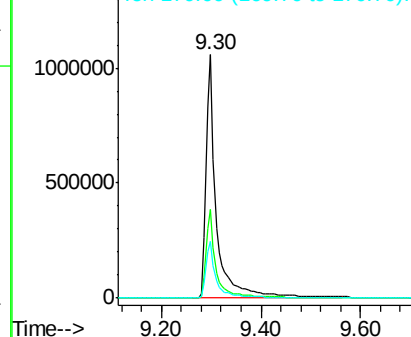
172 100

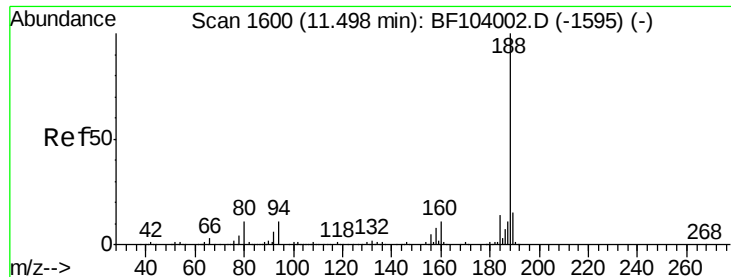
171 36.3 29.7 44.5

170 23.4 19.6 29.4



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

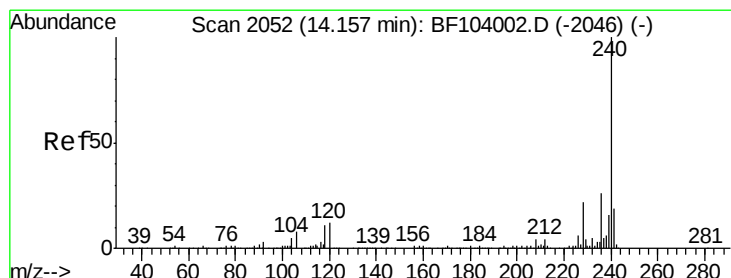
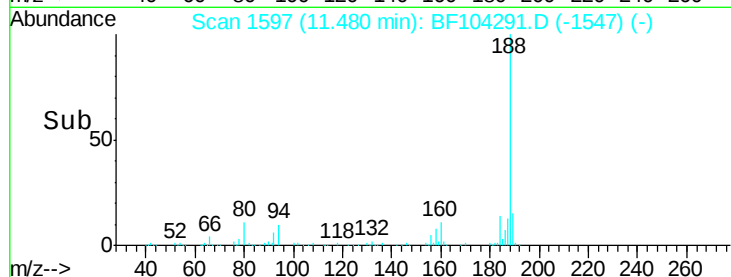
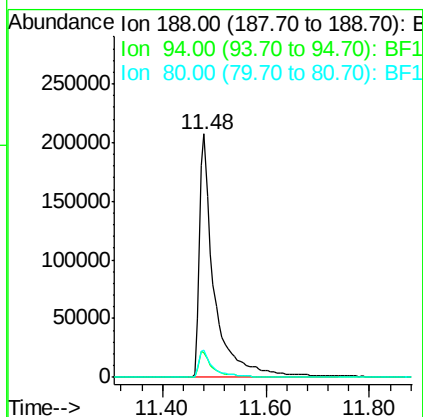
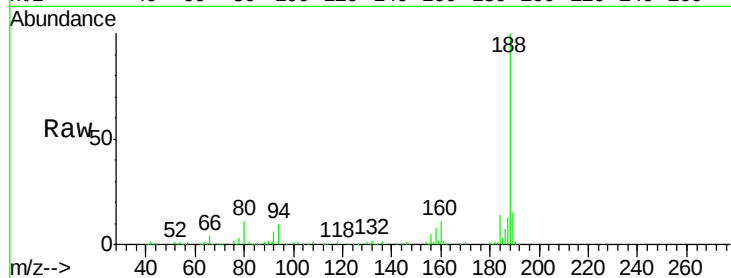




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104291.D
Acq: 6 Apr 2018 00:57

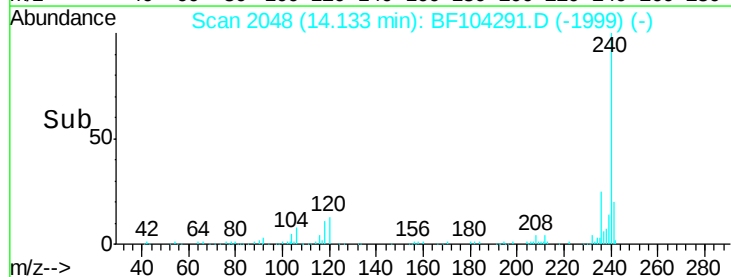
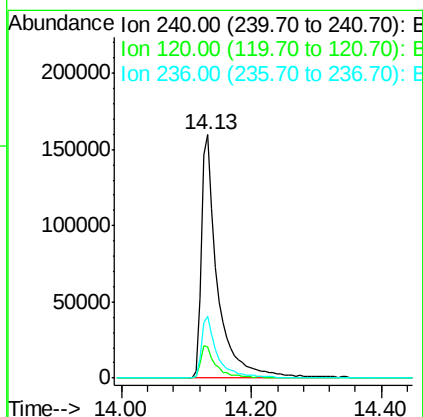
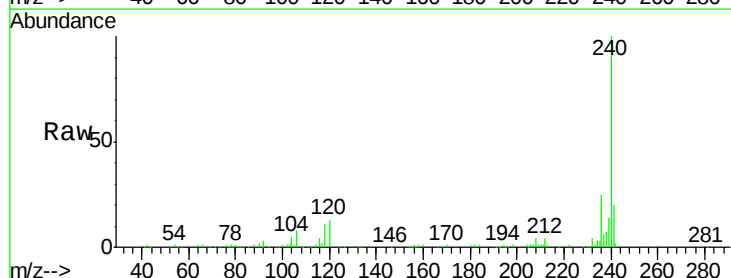
Instrument :
BNA_F
ClientSampleId :
040318-SIDI-E-D-S

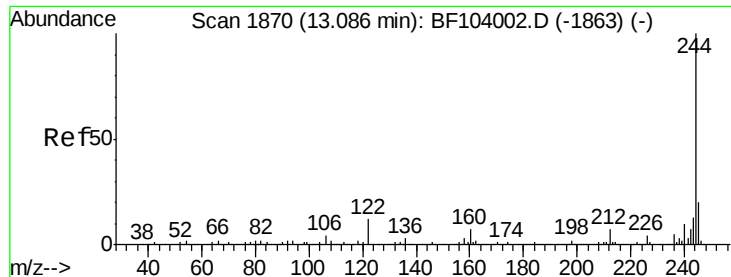
Tot Ion:188 Resp: 411099
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF104291.D
Acq: 6 Apr 2018 00:57

Tgt Ion:240 Resp: 275884
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.2 20.7 31.1

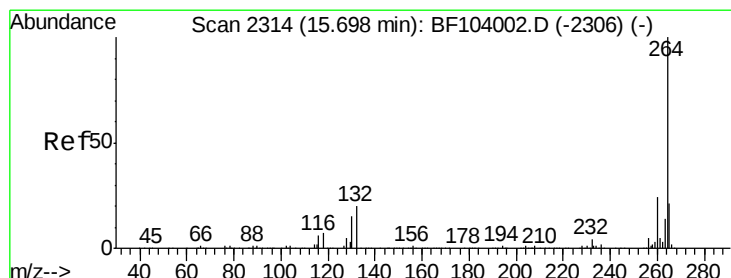
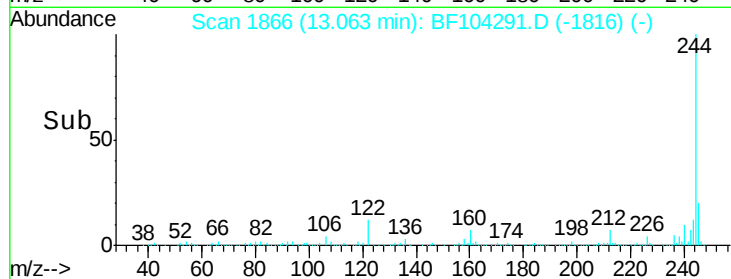
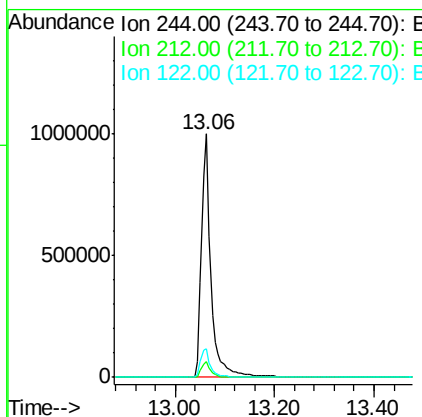
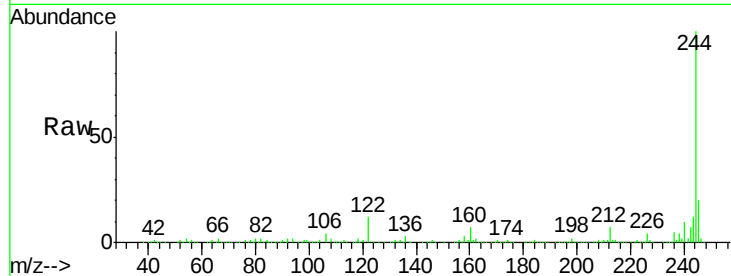




#78
 Terphenyl-d14
 Concen: 111.079 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF104291.D
 Acq: 6 Apr 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 040318-SIDI-E-D-S

Tot Ion:244 Resp: 1327224
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.02 min
 Lab File: BF104291.D
 Acq: 6 Apr 2018 00:57

Tgt Ion:264 Resp: 225258
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.2 17.5 26.3

