

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113191.D
 Acq On : 21 Mar 2019 1:55
 Operator : JU/SJ
 Sample : K1943-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190127-LOC-4

Quant Time: Mar 21 16:19:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	129292	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	431234	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	209933	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	399861	20.00	ng	0.00
76) Chrysene-d12	13.87	240	354414	20.00	ng	0.00
87) Perylene-d12	15.27	264	262627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	881195	106.02	ng	0.02
7) Phenol-d6	6.37	99	980774	93.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	692498	96.09	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	353935	158.81	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1427668	130.85	ng	0.00
79) Terphenyl-d14	12.82	244	1482862	81.11	ng	0.00

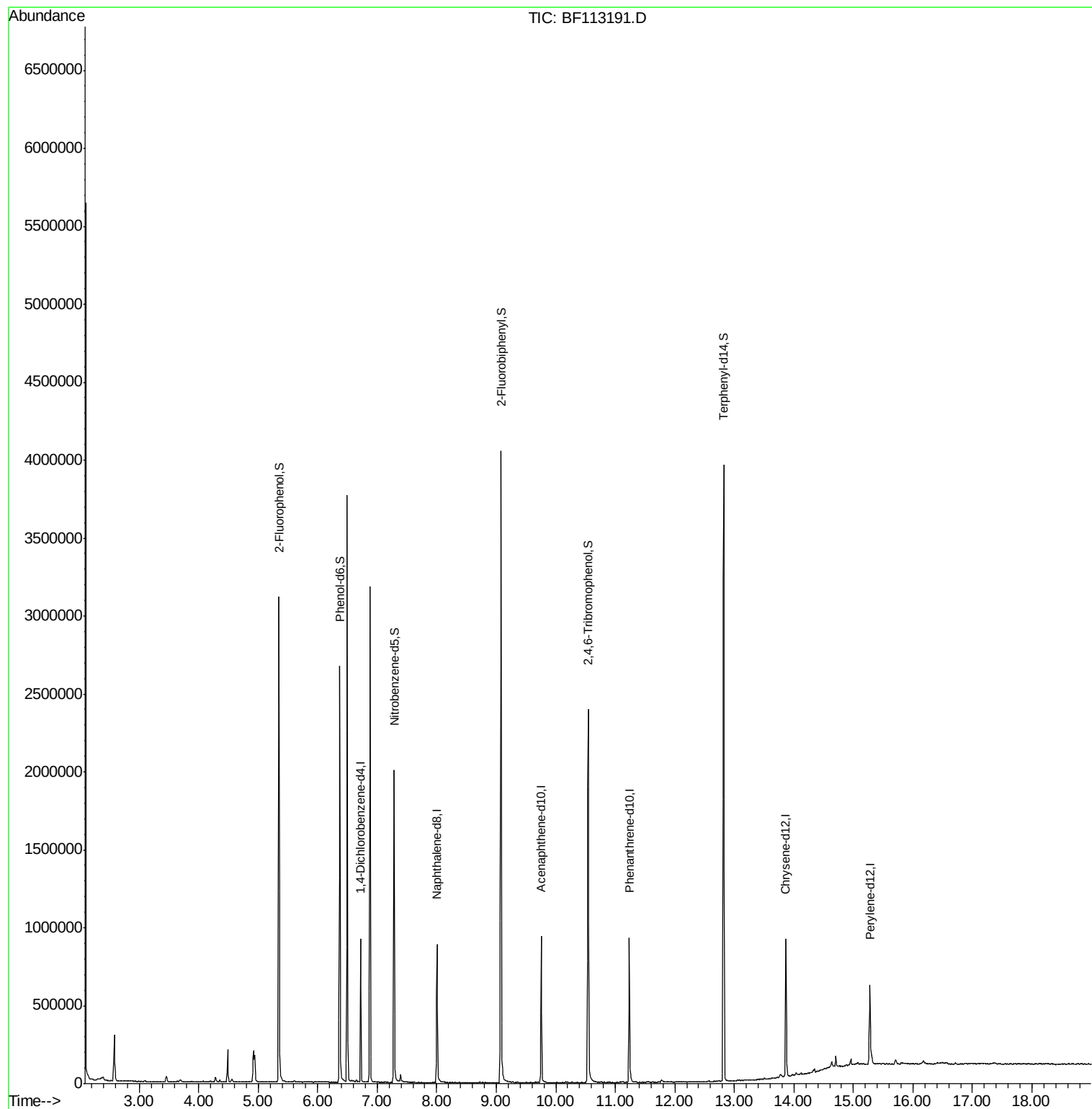
Target Compounds	Qvalue
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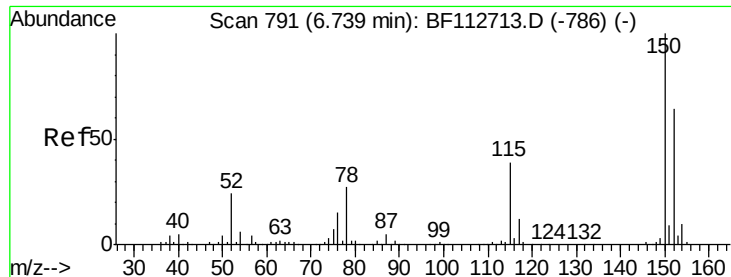
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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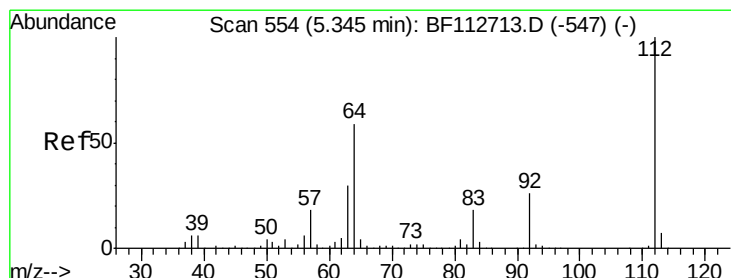
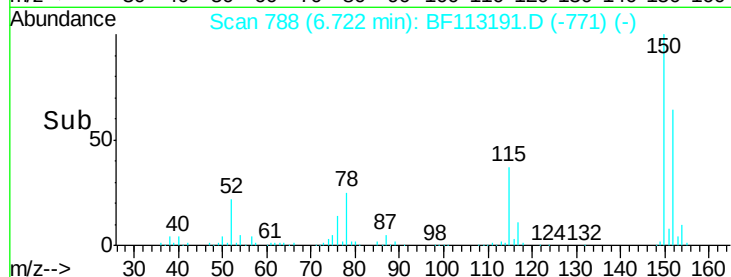
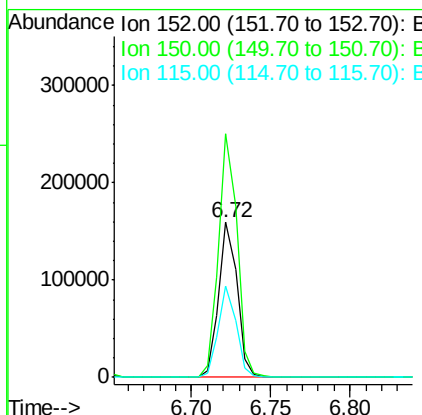
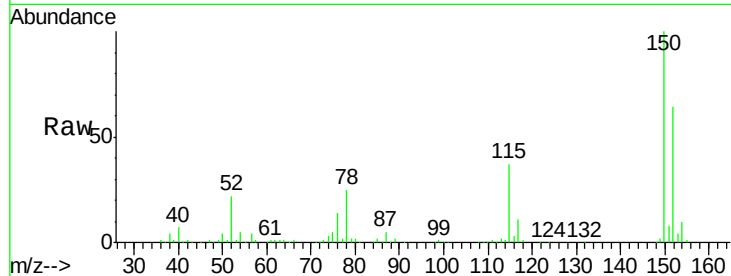


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :
20190127-LOC-4

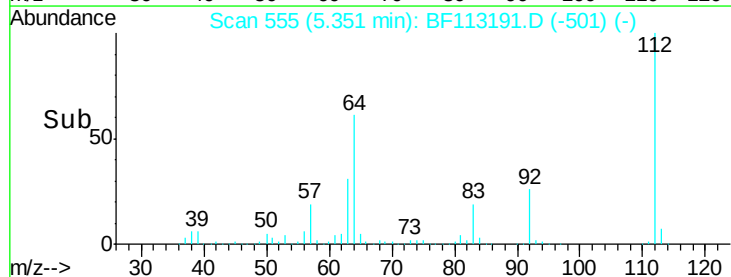
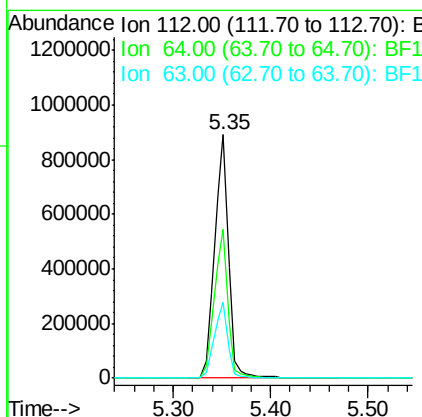
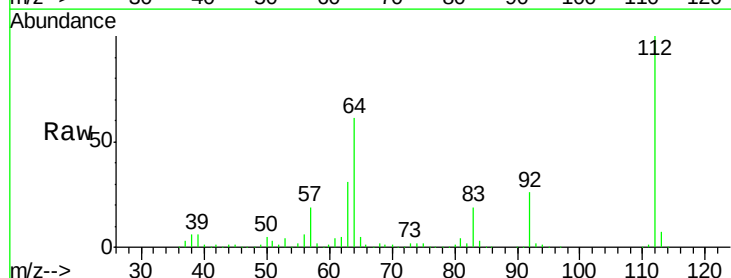
Tgt Ion:152 Resp: 129292
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.6
115 58.6 45.9 68.9

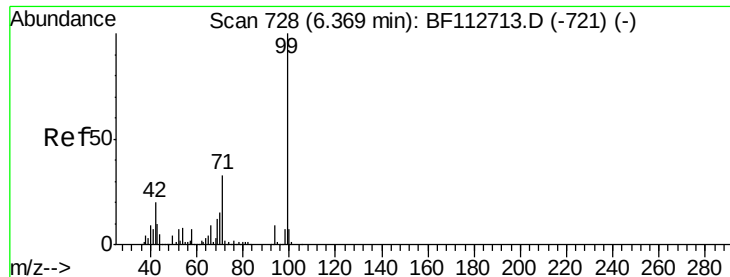


#5

2-Fluorophenol
Concen: 106.019 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion:112 Resp: 881195
Ion Ratio Lower Upper
112 100
64 60.9 49.3 73.9
63 31.0 25.4 38.2





#7

Phenol-d6

Concen: 93.936 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

Instrument :

BNA_F

ClientSampleId :

20190127-LOC-4

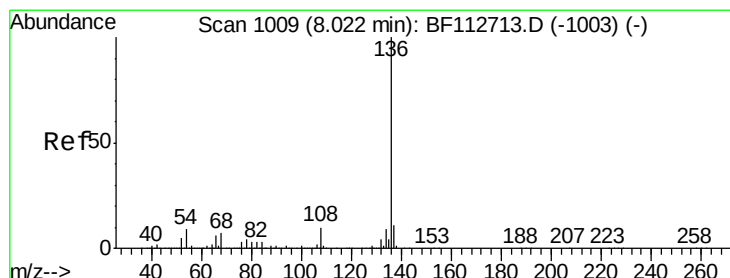
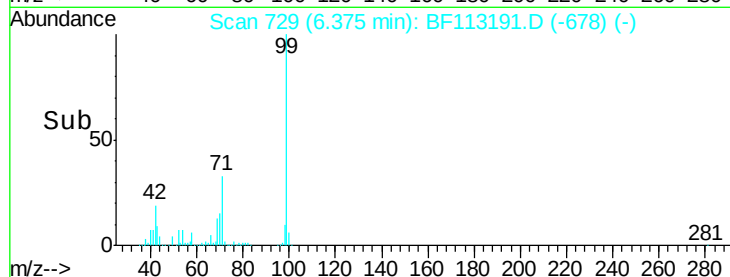
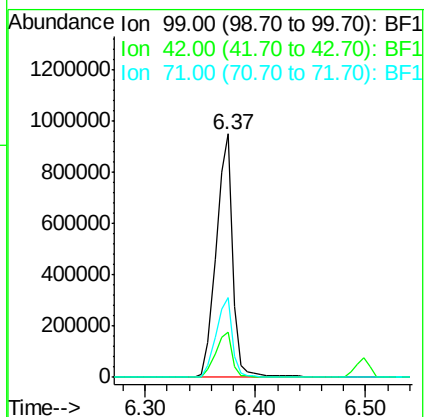
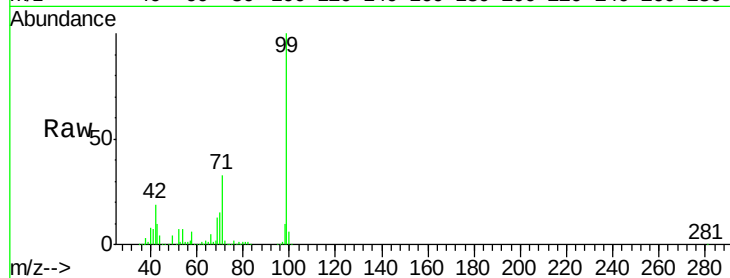
Tgt Ion: 99 Resp: 980774

Ion Ratio Lower Upper

99 100

42 18.7 15.2 22.8

71 33.0 25.7 38.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

Tgt Ion: 136 Resp: 431234

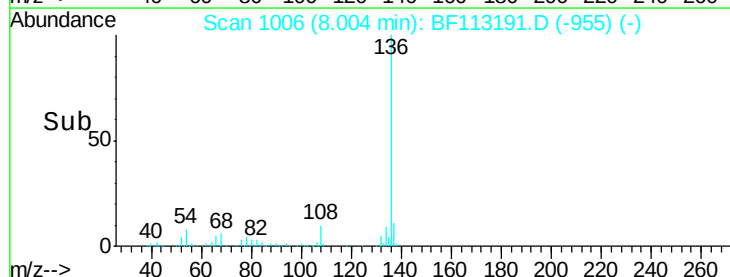
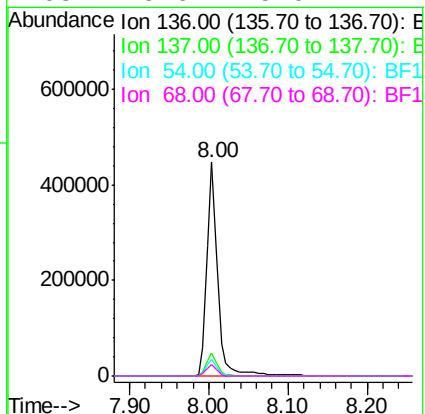
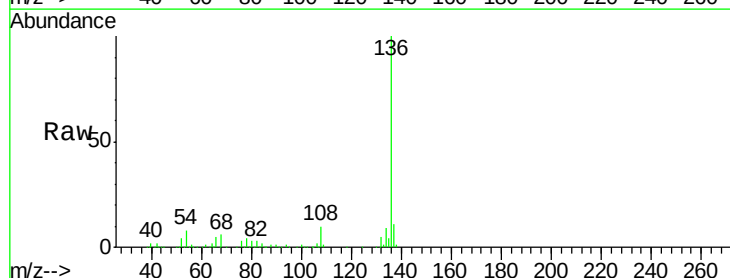
Ion Ratio Lower Upper

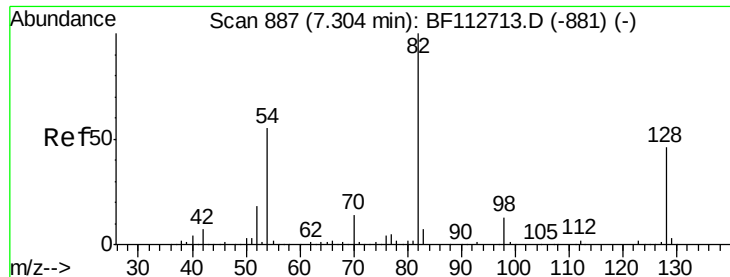
136 100

137 11.0 8.9 13.3

54 7.8 7.0 10.6

68 5.6 5.0 7.4

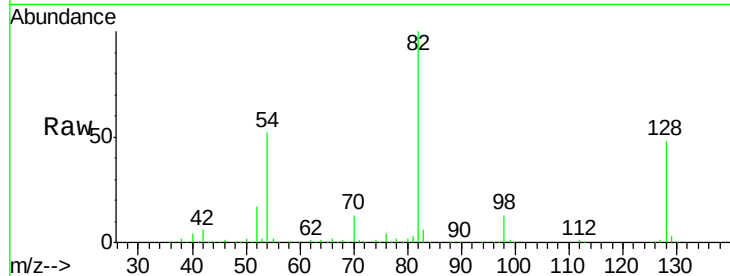




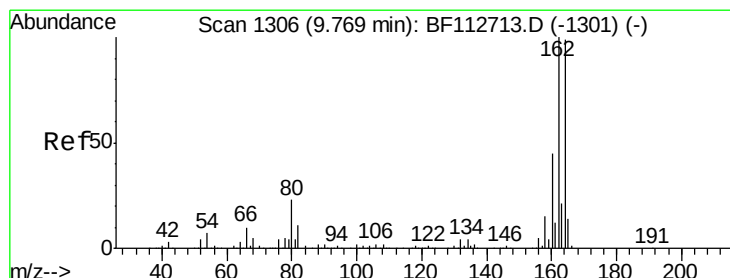
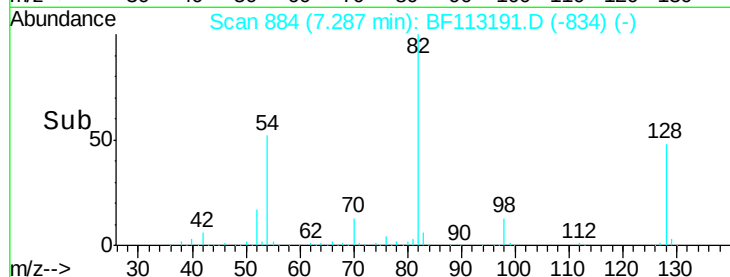
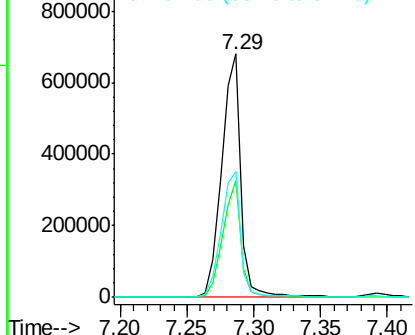
#23
 Nitrobenzene-d5
 Concen: 96.091 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113191.D
 Acq: 21 Mar 2019 1:55

Instrument :
 BNA_F
 ClientSampleId :
 20190127-LOC-4

Tgt Ion: 82 Resp: 692498
 Ion Ratio Lower Upper
 82 100
 128 48.1 37.9 56.9
 54 51.7 41.2 61.8

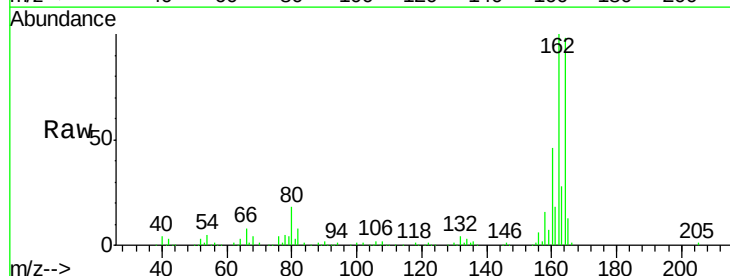


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

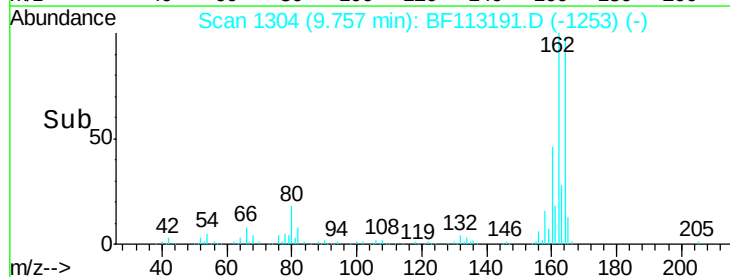
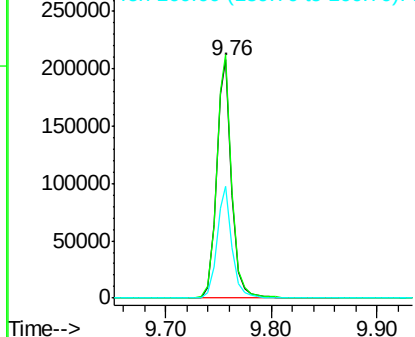


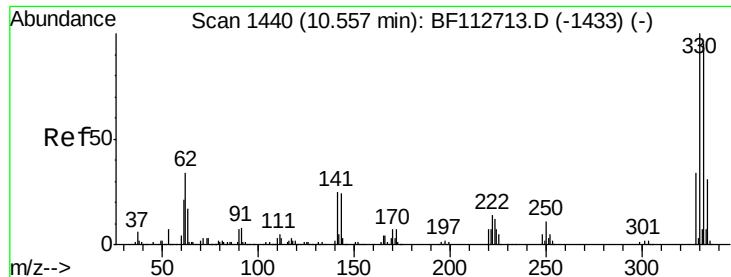
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF113191.D
 Acq: 21 Mar 2019 1:55

Tgt Ion: 164 Resp: 209933
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.8 121.2
 160 46.8 36.2 54.2



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: 158.808 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

Instrument :

BNA_F

ClientSampleId :

20190127-LOC-4

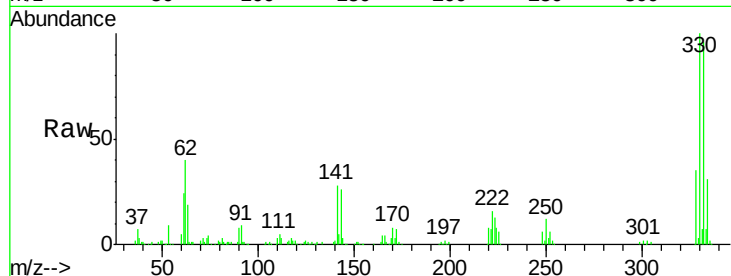
Tgt Ion:330 Resp: 353935

Ion Ratio Lower Upper

330 100

332 95.5 76.3 114.5

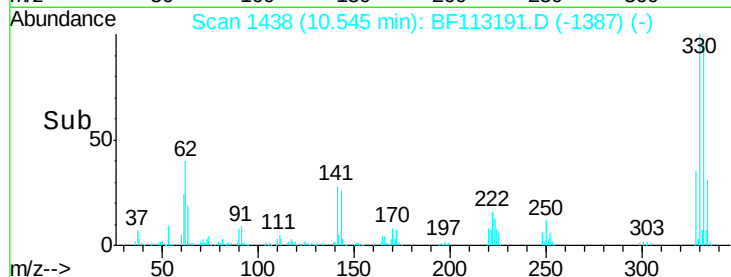
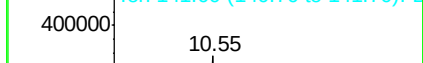
141 28.7 22.3 33.5



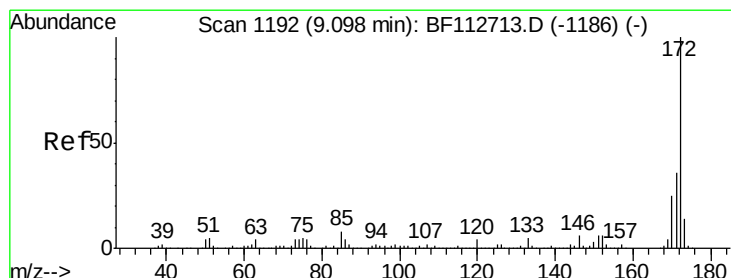
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 10.40 10.60 10.80



#45

2-Fluorobiphenyl

Concen: 130.854 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

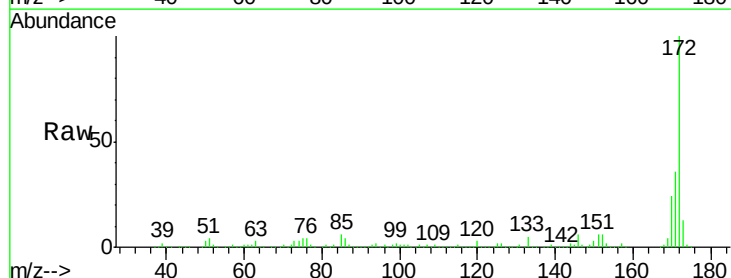
Tgt Ion:172 Resp: 1427668

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

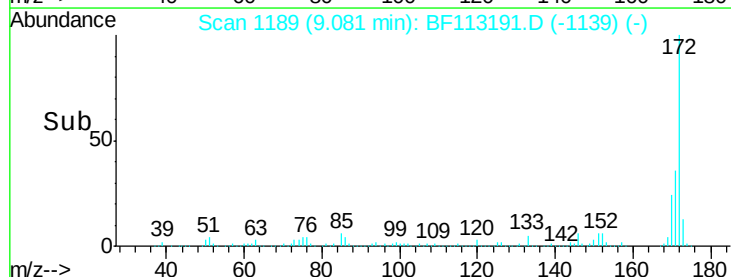
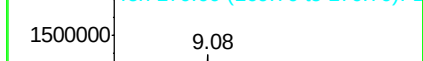
170 24.1 20.1 30.1



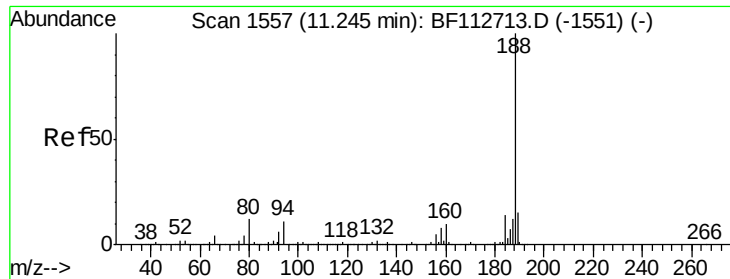
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 9.00 9.20 9.40



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

Instrument :

BNA_F

ClientSampleId :

20190127-LOC-4

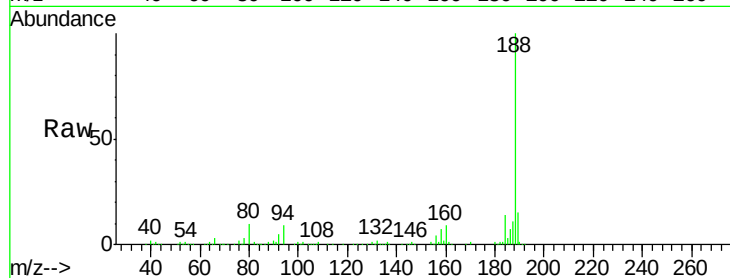
Tgt Ion:188 Resp: 399861

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

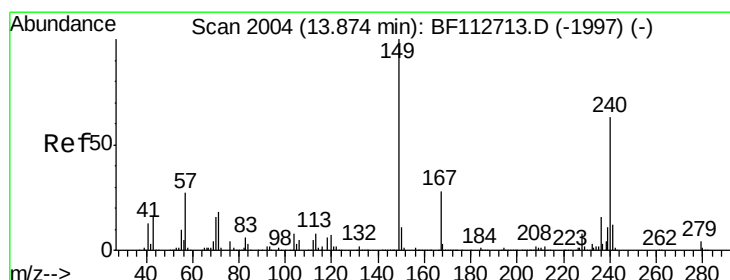
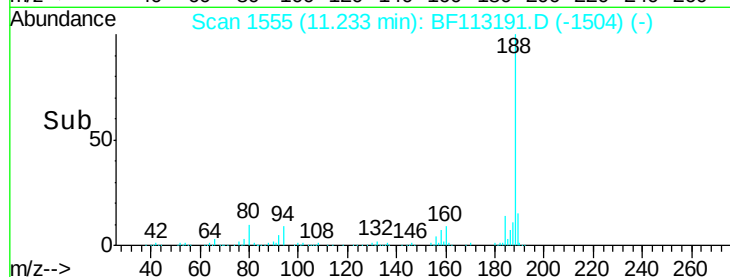
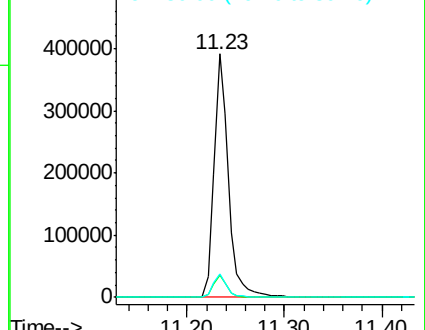
80 9.9 7.9 11.9



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: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

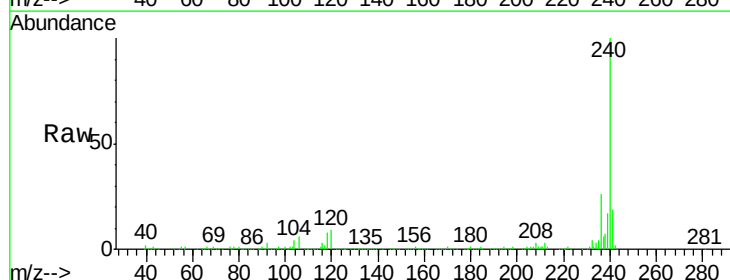
Tgt Ion:240 Resp: 354414

Ion Ratio Lower Upper

240 100

120 9.2 8.6 12.8

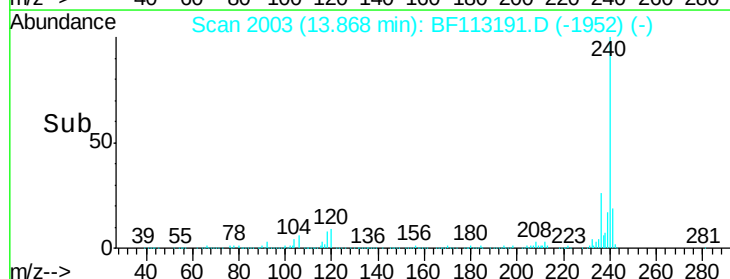
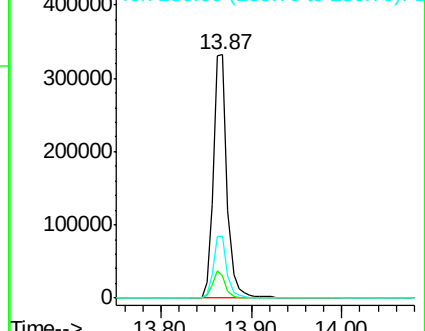
236 25.6 21.2 31.8

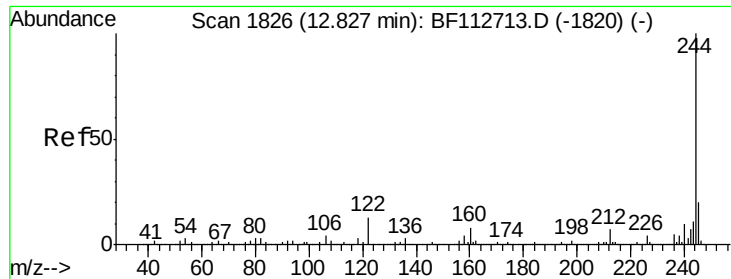


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.106 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

Instrument :

BNA_F

ClientSampleId :

20190127-LOC-4

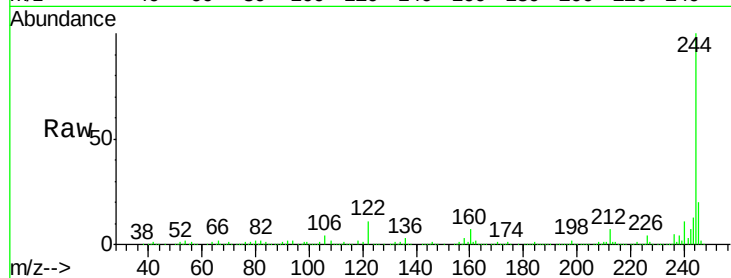
Tgt Ion:244 Resp: 1482862

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

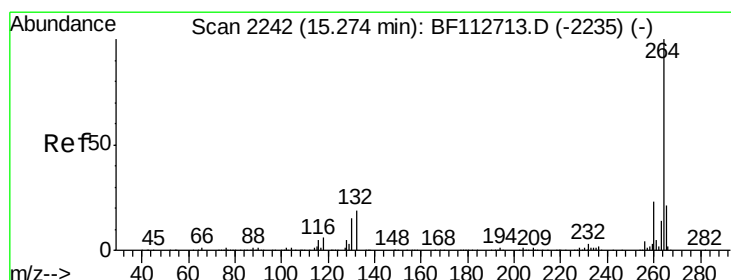
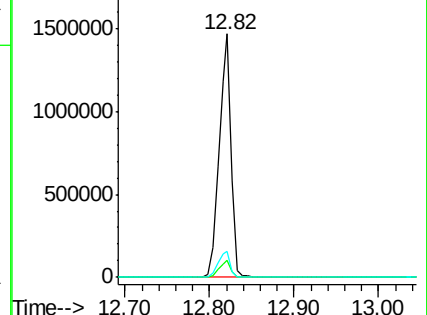
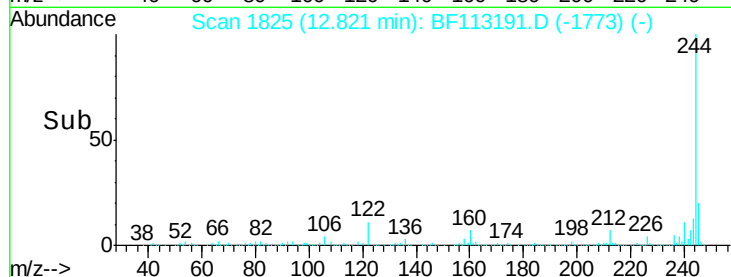
122 10.8 9.4 14.2



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: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

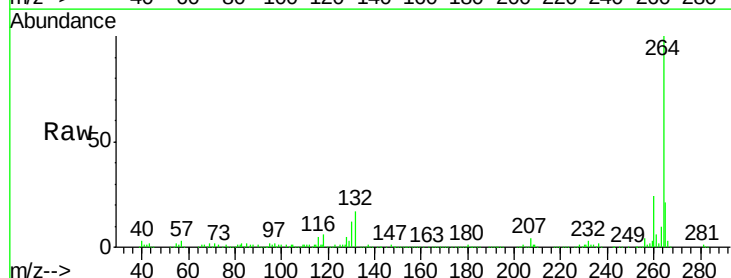
Tgt Ion:264 Resp: 262627

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.2 17.7 26.5



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

