

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112115.D
 Acq On : 18 Jan 2019 9:42
 Operator : JU/SJ
 Sample : K1157-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-01-011519

Quant Time: Jan 18 12:14:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

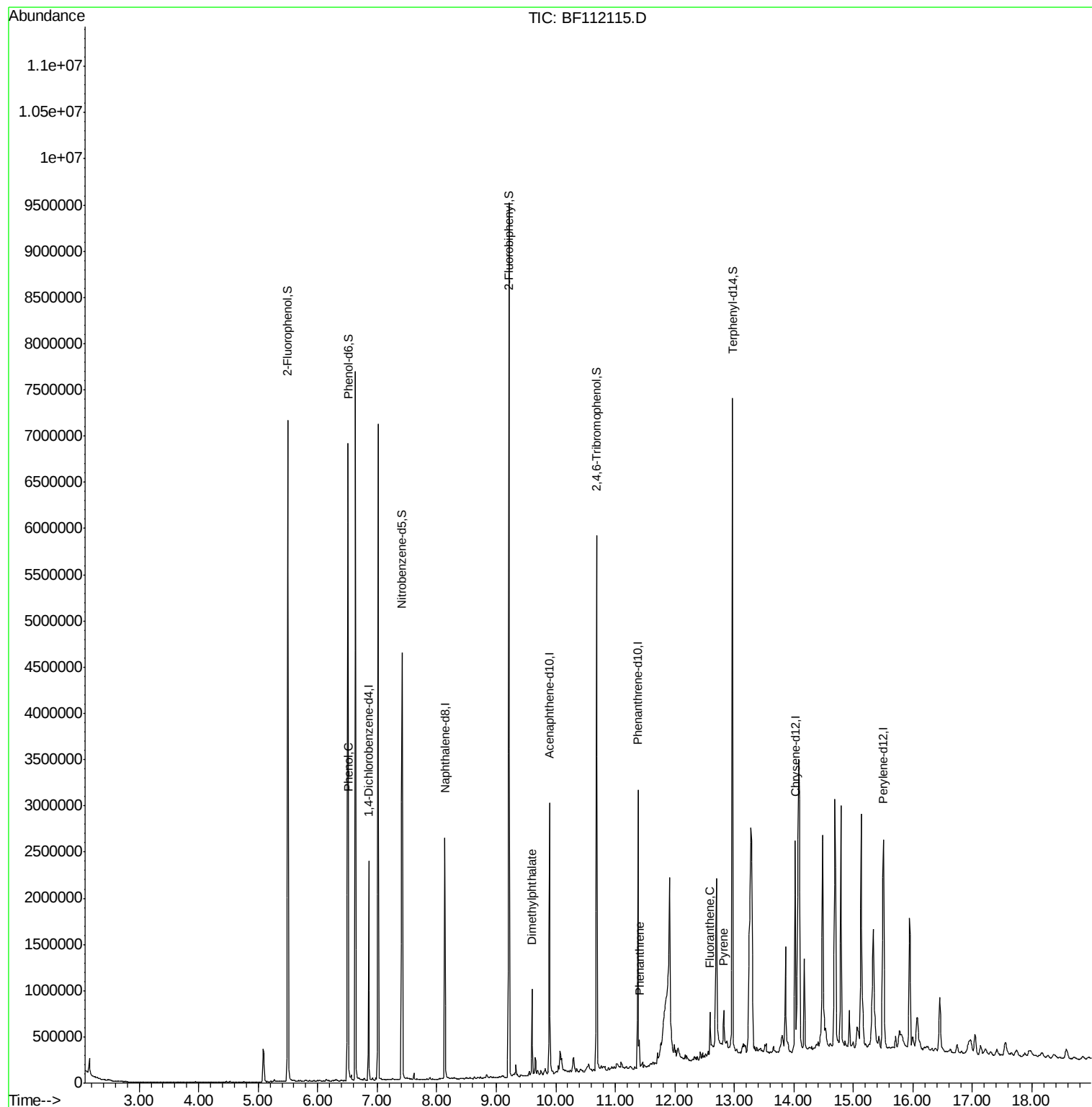
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	327073	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1219945	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	602764	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1044111	20.00	ng	0.00
76) Chrysene-d12	14.02	240	730892	20.00	ng	-0.01
87) Perylene-d12	15.49	264	749887	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2173982	120.64	ng	0.00
7) Phenol-d6	6.51	99	2804684	124.40	ng	0.00
23) Nitrobenzene-d5	7.42	82	1805164	102.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	804213	123.68	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3040394	73.95	ng	0.00
79) Terphenyl-d14	12.97	244	2504856	72.91	ng	0.00
Target Compounds						
10) Phenol	6.52	94	58371	2.369	ng	Qvalue # 71
50) Dimethylphthalate	9.60	163	348079	7.918	ng	99
71) Phenanthrene	11.40	178	106978	2.036	ng	96
75) Fluoranthene	12.59	202	155213	2.798	ng	99
78) Pyrene	12.82	202	159623	3.310	ng	98

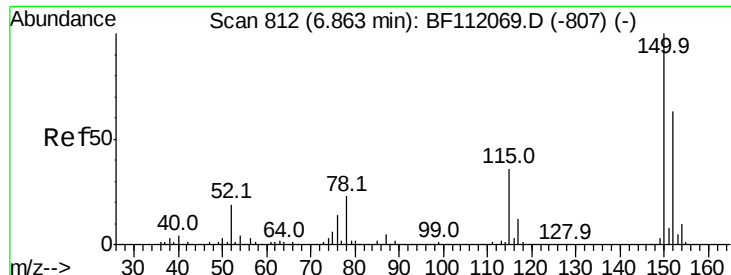
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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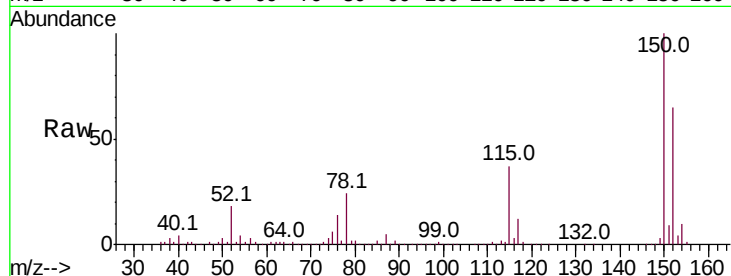


#1

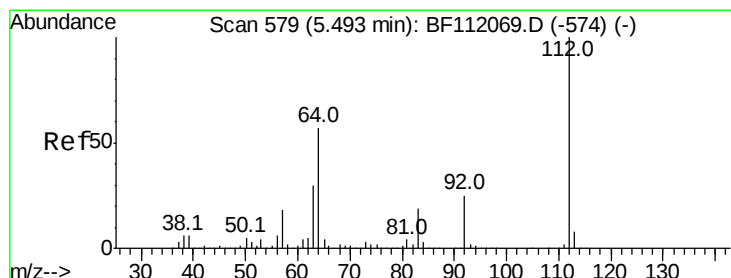
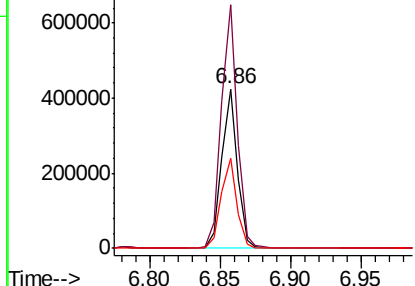
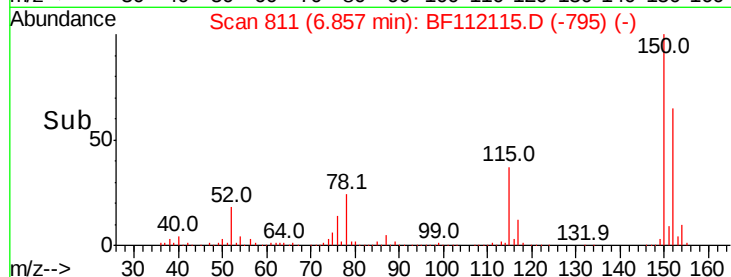
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112115.D
Acq: 18 Jan 2019 9:42

Instrument :
BNA_F
ClientSampleId :
WC-01-011519

Tot Ion:152 Resp: 327073
Ion Ratio Lower Upper
152 100
150 153.0 127.4 191.0
115 56.6 45.5 68.3



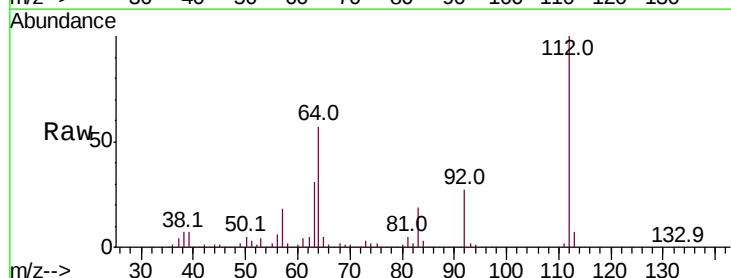
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



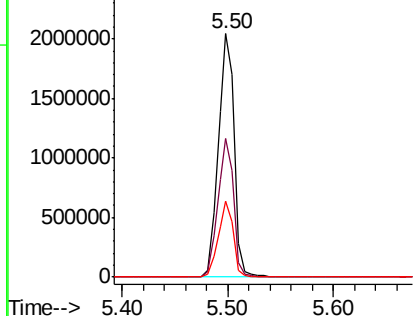
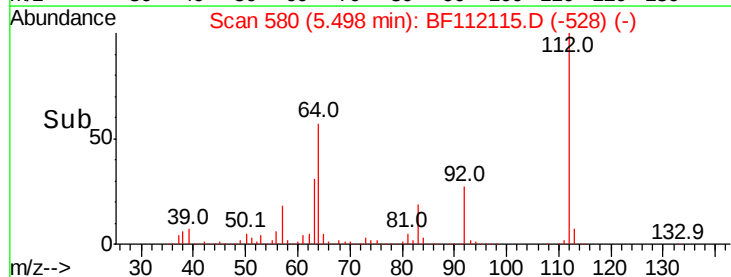
#5

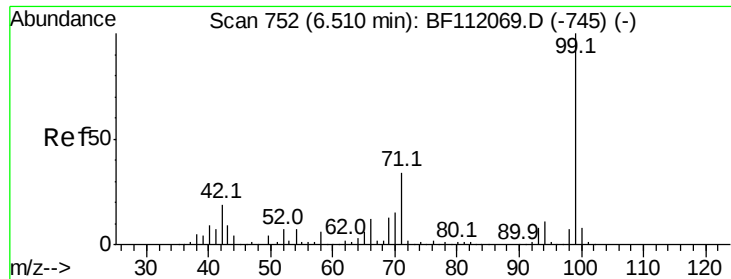
2-Fluorophenol
Concen: 120.642 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112115.D
Acq: 18 Jan 2019 9:42

Tgt Ion:112 Resp: 2173982
Ion Ratio Lower Upper
112 100
64 57.1 45.7 68.5
63 31.0 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: 124.398 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF112115.D

Acq: 18 Jan 2019 9:42

Instrument :

BNA_F

ClientSampleId :

WC-01-011519

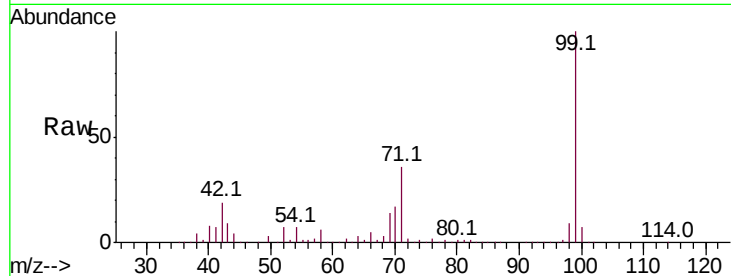
Tot Ion: 99 Resp: 2804684

Ion Ratio Lower Upper

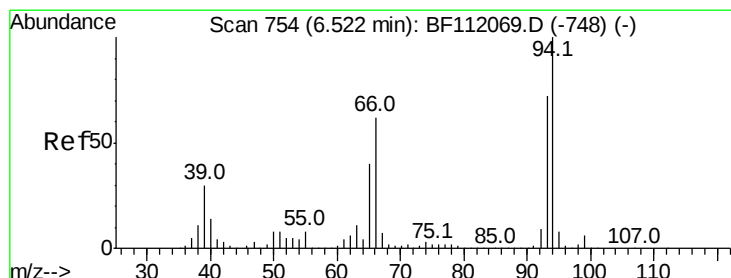
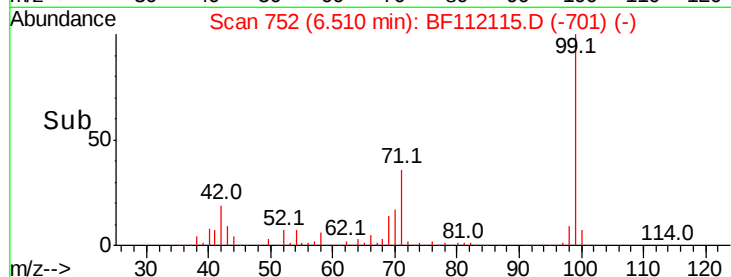
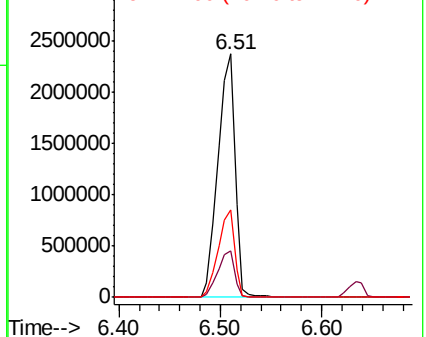
99 100

42 19.3 15.1 22.7

71 35.7 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



#10

Phenol

Concen: 2.369 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF112115.D

Acq: 18 Jan 2019 9:42

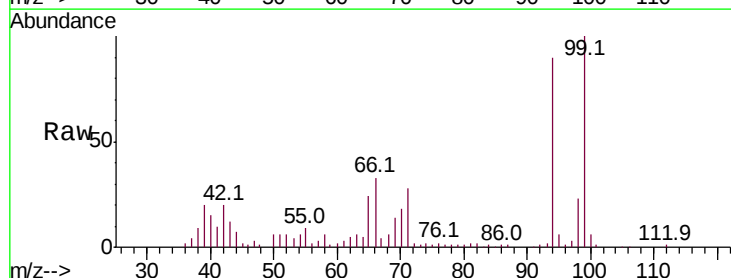
Tgt Ion: 94 Resp: 58371

Ion Ratio Lower Upper

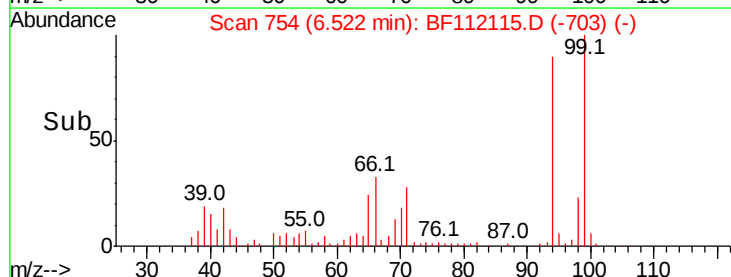
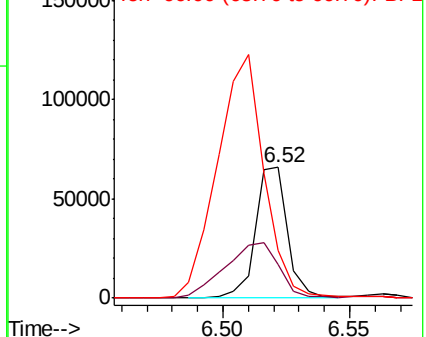
94 100

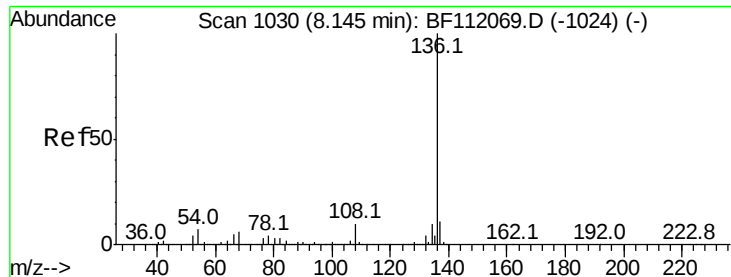
65 26.1 20.3 60.3

66 36.7 42.4 82.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112115.D

Acq: 18 Jan 2019 9:42

Instrument :

BNA_F

ClientSampleId :

WC-01-011519

Tot Ion:136 Resp: 1219945

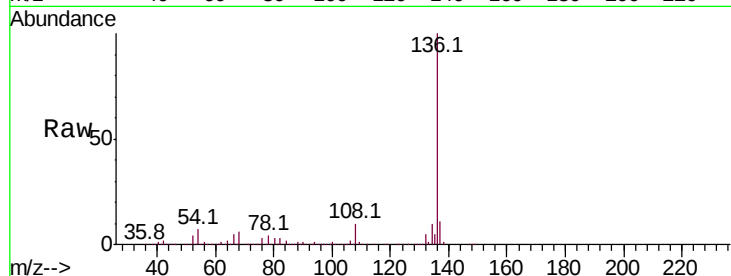
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.6 5.9 8.9

68 5.8 5.1 7.7

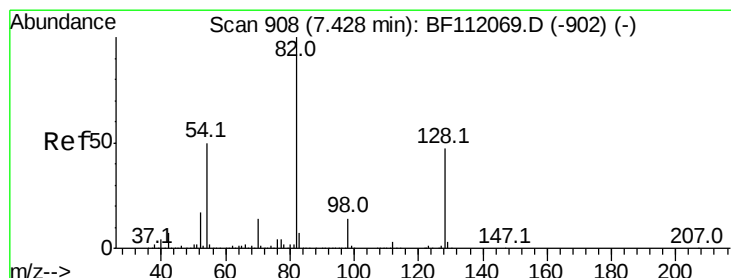
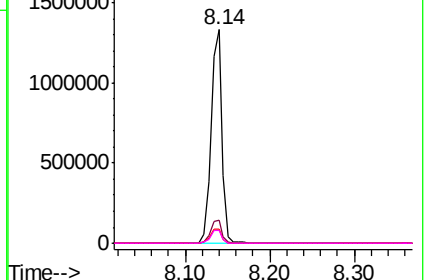
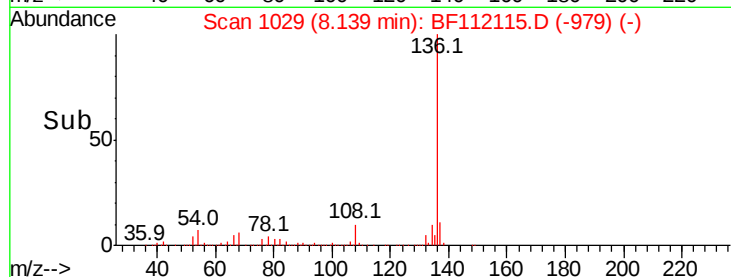


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.232 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112115.D

Acq: 18 Jan 2019 9:42

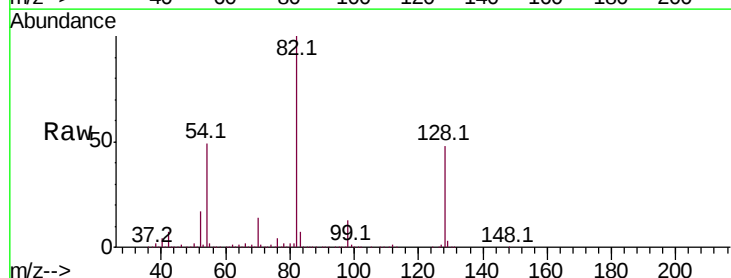
Tgt Ion: 82 Resp: 1805164

Ion Ratio Lower Upper

82 100

128 47.6 37.8 56.8

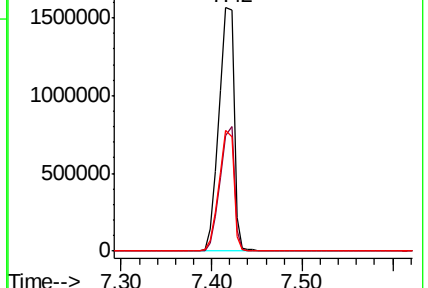
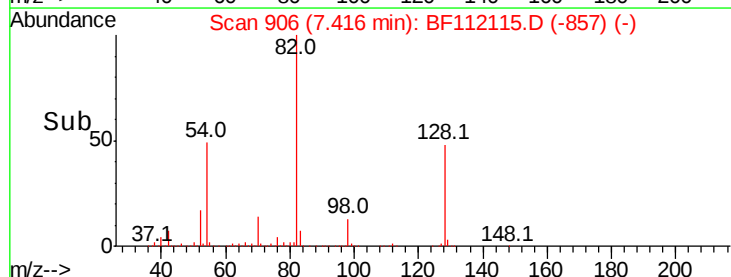
54 49.4 39.7 59.5

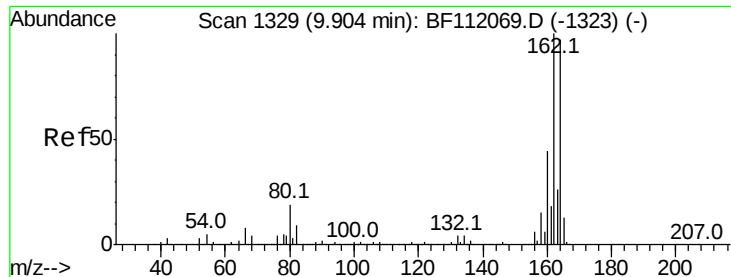


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

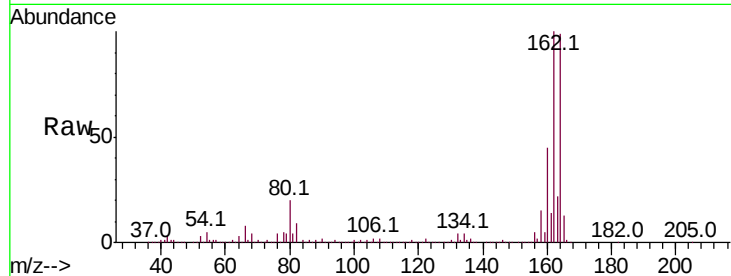




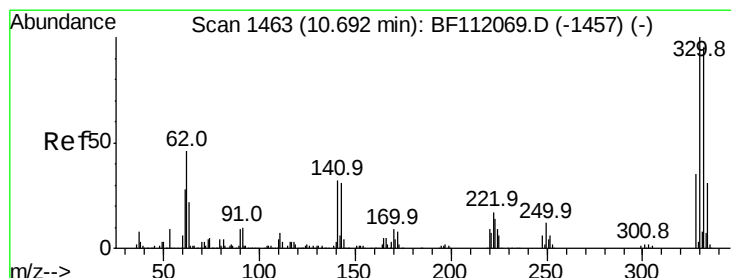
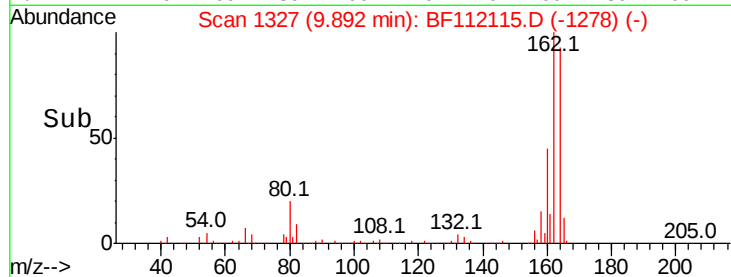
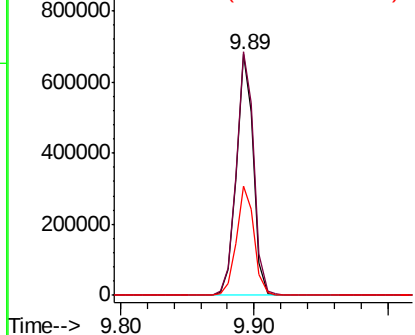
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112115.D
Acq: 18 Jan 2019 9:42

Instrument :
BNA_F
ClientSampleId :
WC-01-011519

Tot Ion:164 Resp: 602764
Ion Ratio Lower Upper
164 100
162 101.1 82.2 123.4
160 45.1 36.2 54.4

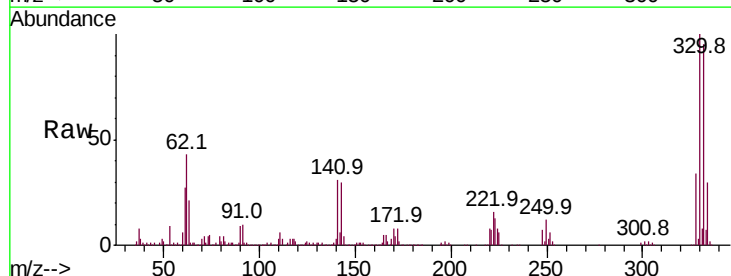


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

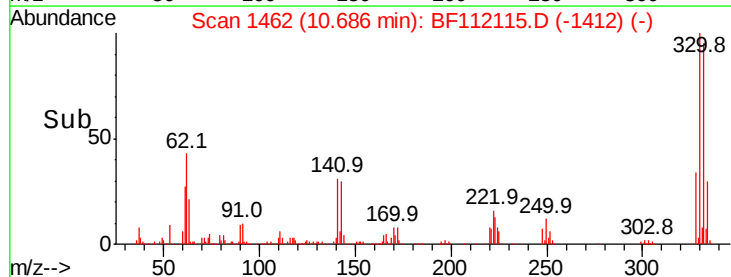
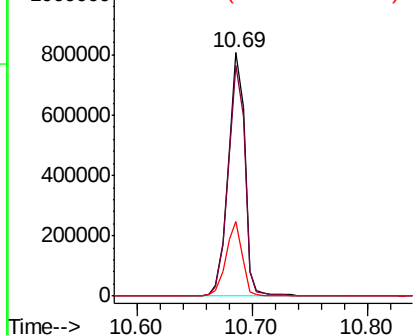


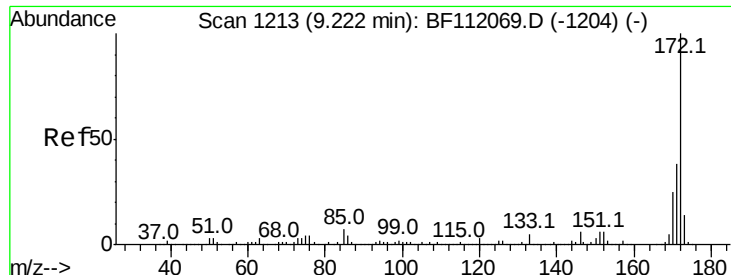
#42
2,4,6-Tribromophenol
Concen: 123.677 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112115.D
Acq: 18 Jan 2019 9:42

Tgt Ion:330 Resp: 804213
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 30.2 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



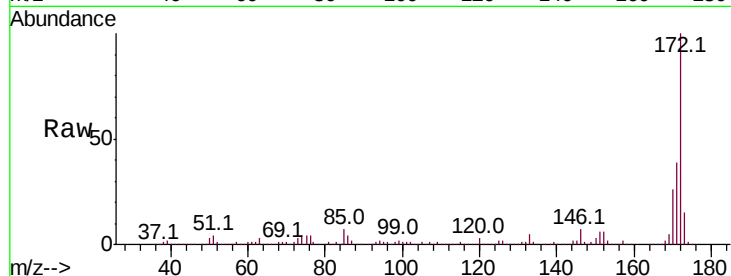


#45
 2-Fluorobiphenyl
 Concen: 73.952 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF112115.D
 Acq: 18 Jan 2019 9:42

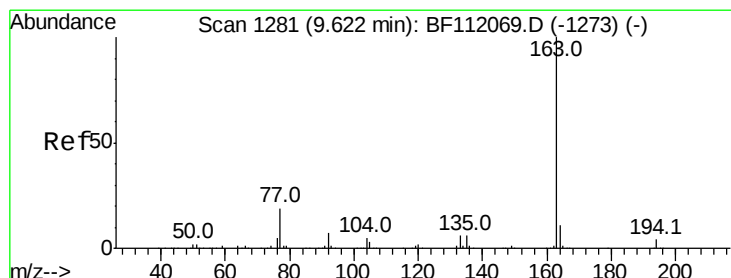
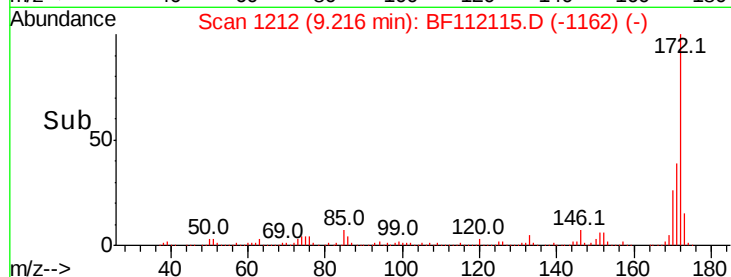
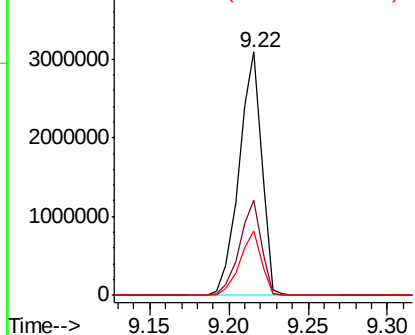
Instrument :
 BNA_F
 ClientSampleId :
 WC-01-011519

Tot Ion:172 Resp: 3040394

Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.5	45.7
170	26.3	20.2	30.4



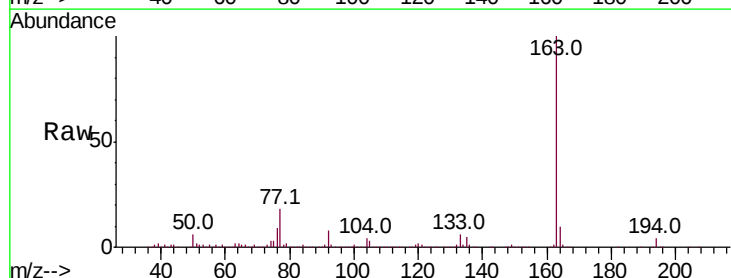
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



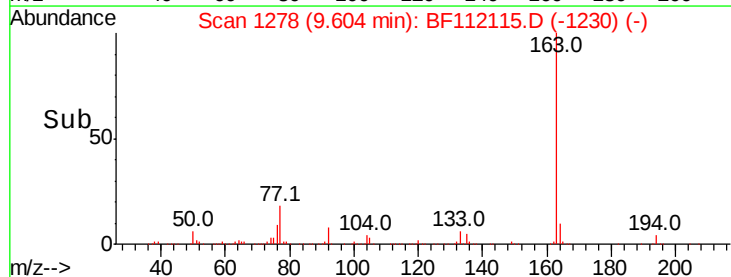
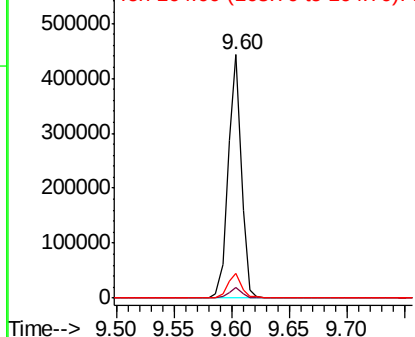
#50
 Dimethylphthalate
 Concen: 7.918 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF112115.D
 Acq: 18 Jan 2019 9:42

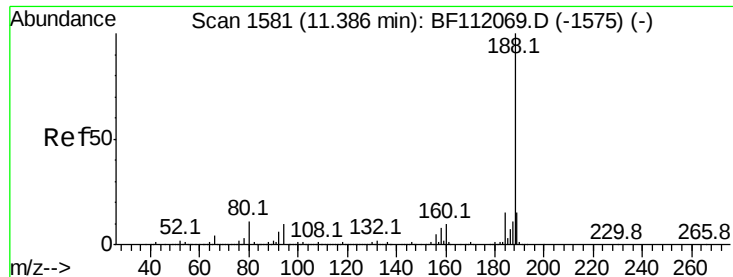
Tgt Ion:163 Resp: 348079

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112115.D

Acq: 18 Jan 2019 9:42

Instrument :

BNA_F

ClientSampleId :

WC-01-011519

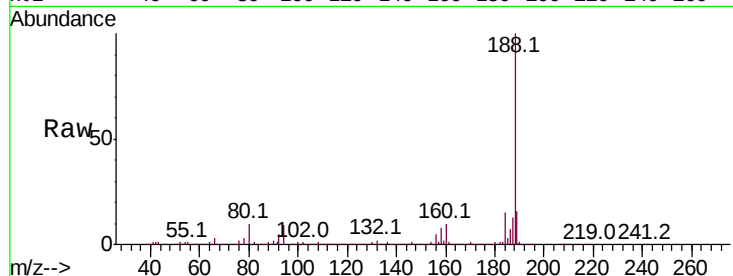
Tot Ion:188 Resp: 1044111

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

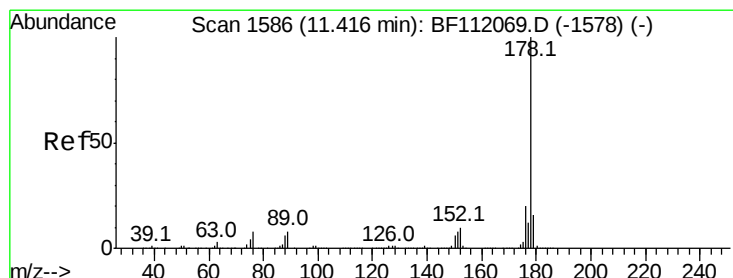
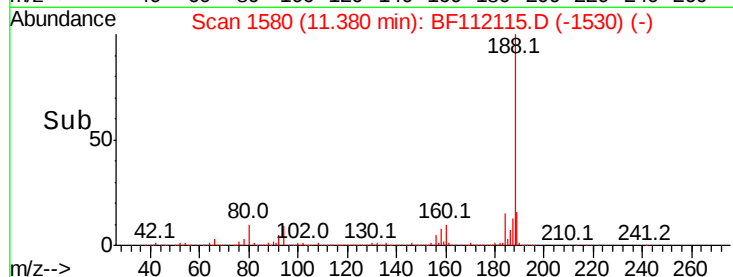
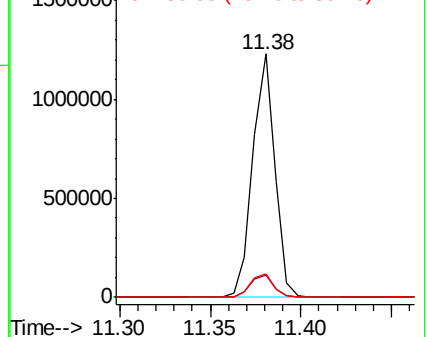
80 9.8 8.9 13.3



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



#71

Phenanthrene

Concen: 2.036 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF112115.D

Acq: 18 Jan 2019 9:42

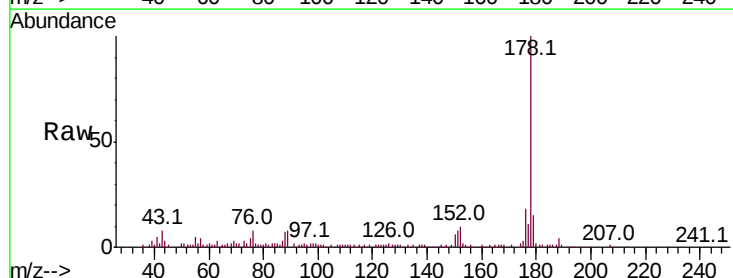
Tgt Ion:178 Resp: 106978

Ion Ratio Lower Upper

178 100

176 17.7 16.3 24.5

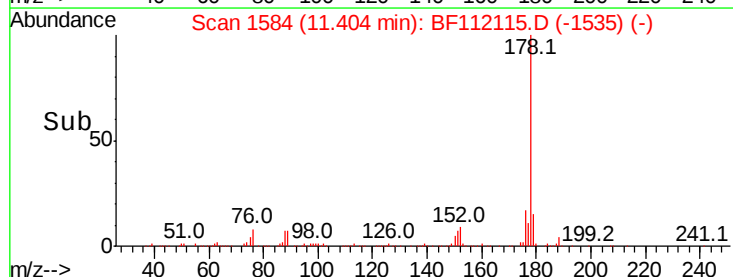
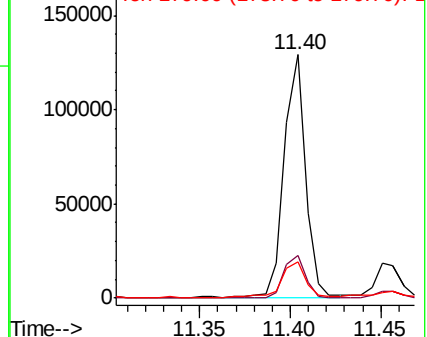
179 15.1 13.0 19.4

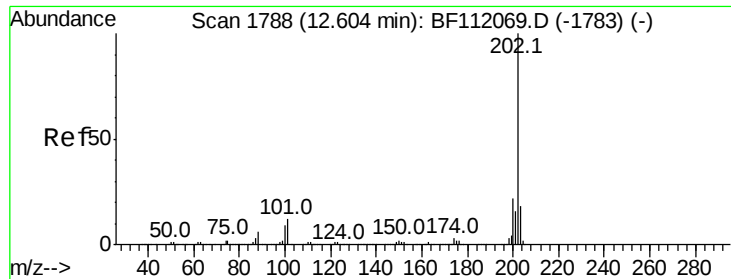


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.798 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF112115.D

Acq: 18 Jan 2019 9:42

Instrument :

BNA_F

ClientSampleId :

WC-01-011519

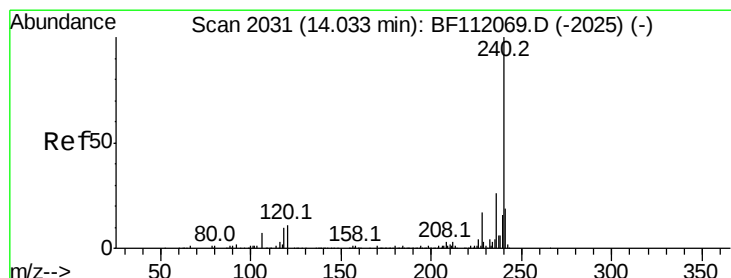
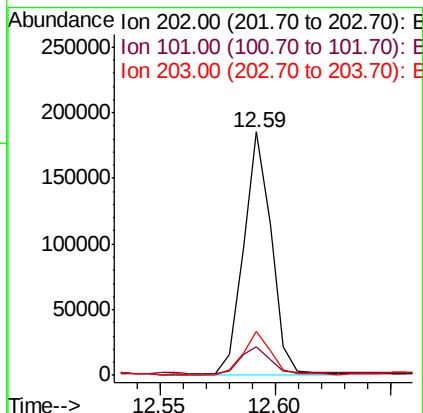
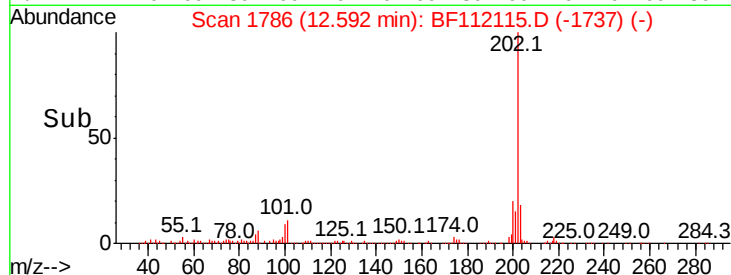
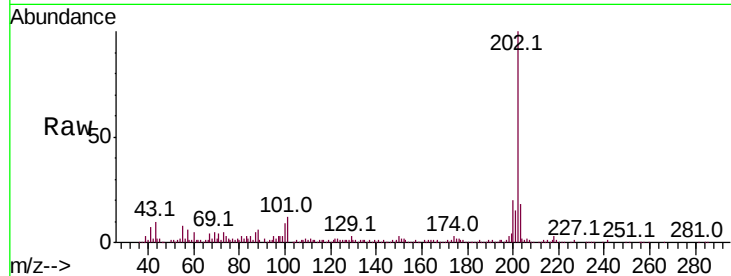
Tot Ion:202 Resp: 155213

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.8

203 17.9 0.0 38.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF112115.D

Acq: 18 Jan 2019 9:42

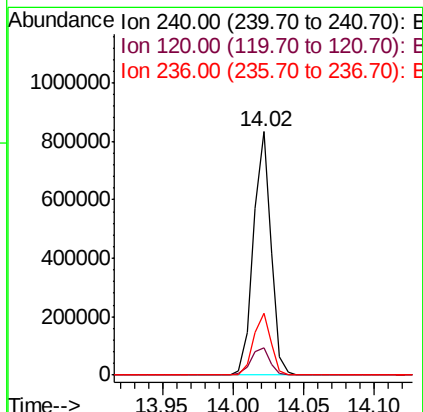
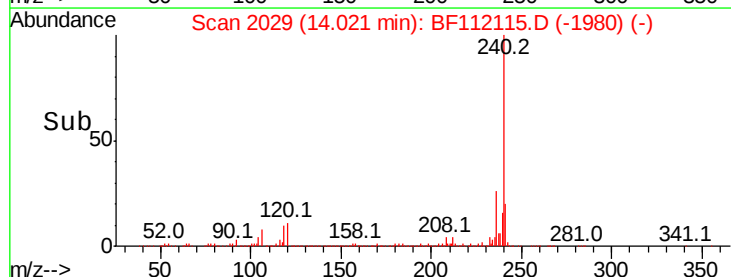
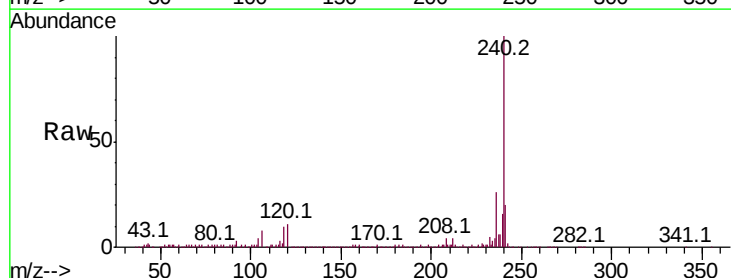
Tgt Ion:240 Resp: 730892

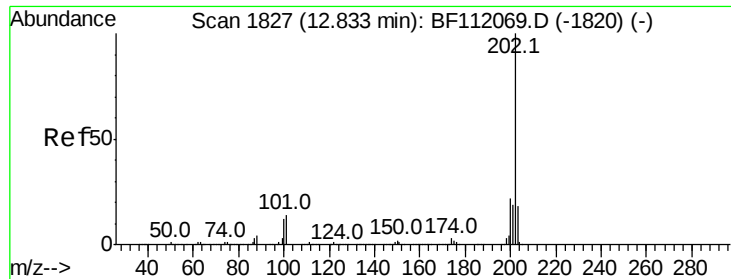
Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.6

236 25.5 20.7 31.1

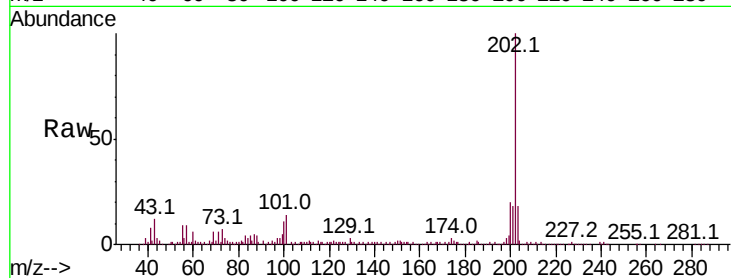




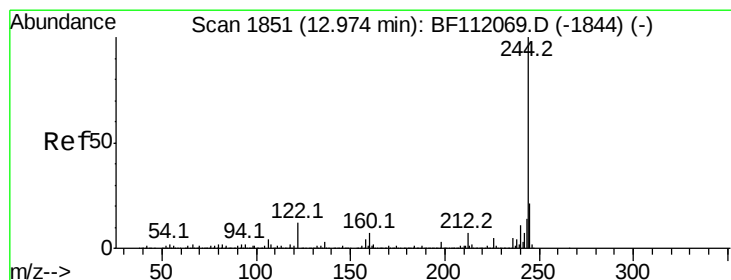
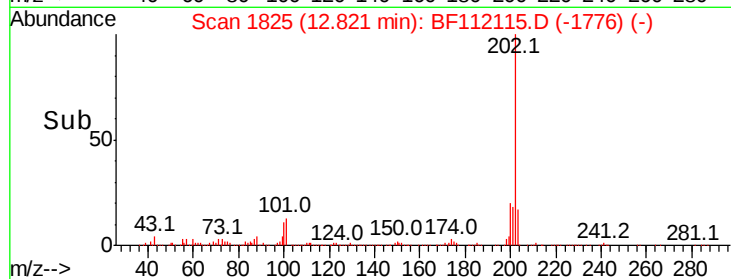
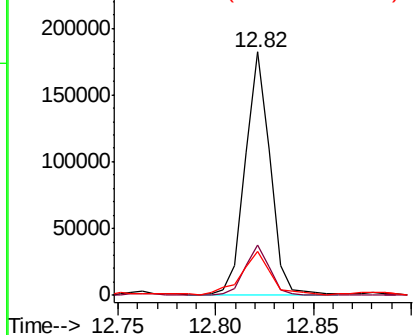
#78
Pvrene
Concen: 3.310 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112115.D
Acq: 18 Jan 2019 9:42

Instrument :
BNA_F
ClientSampleId :
WC-01-011519

Tot Ion:202 Resp: 159623
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 18.1 14.6 22.0

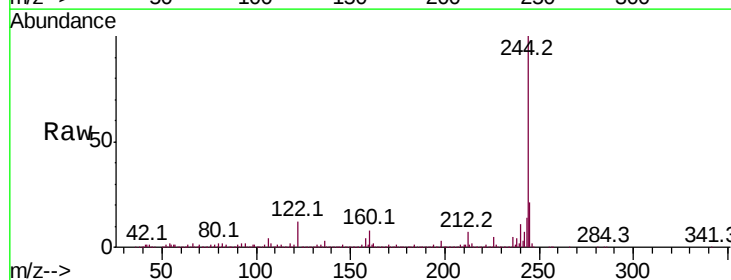


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

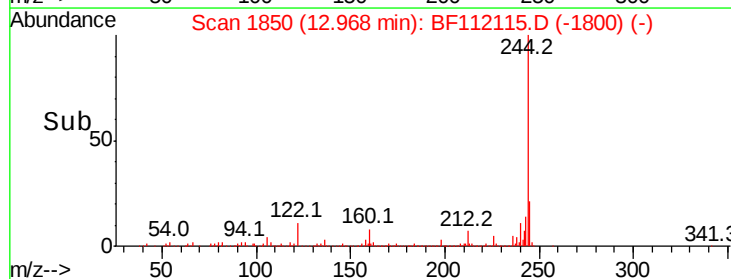
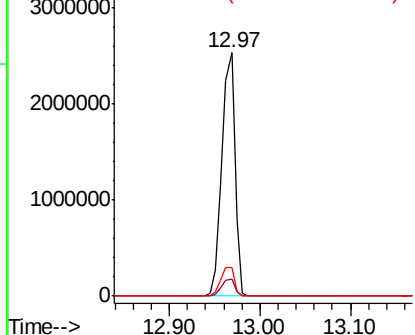


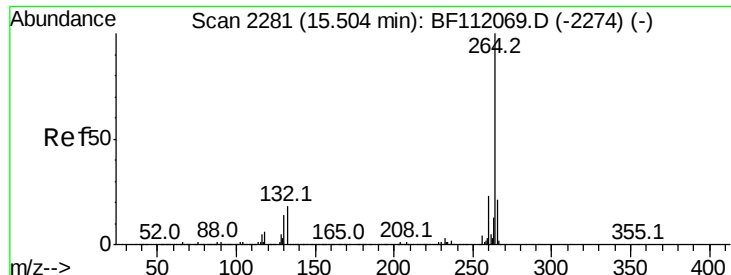
#79
Terphenyl-d14
Concen: 72.908 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF112115.D
Acq: 18 Jan 2019 9:42

Tgt Ion:244 Resp: 2504856
Ion Ratio Lower Upper
244 100
212 7.1 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

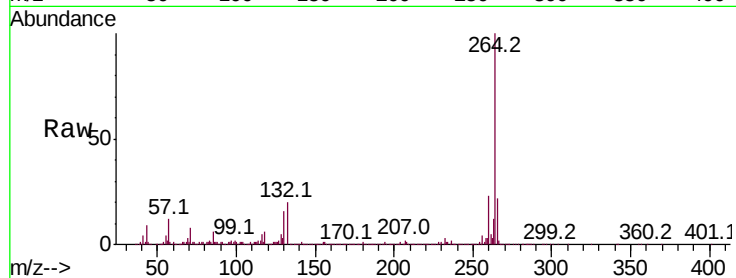




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF112115.D
 Acq: 18 Jan 2019 9:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-01-011519

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	21.7	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 800000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

