

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113102.D
 Acq On : 18 Mar 2019 20:39
 Operator : JU/SJ
 Sample : K1691-11 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-B

Quant Time: Mar 19 05:50:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

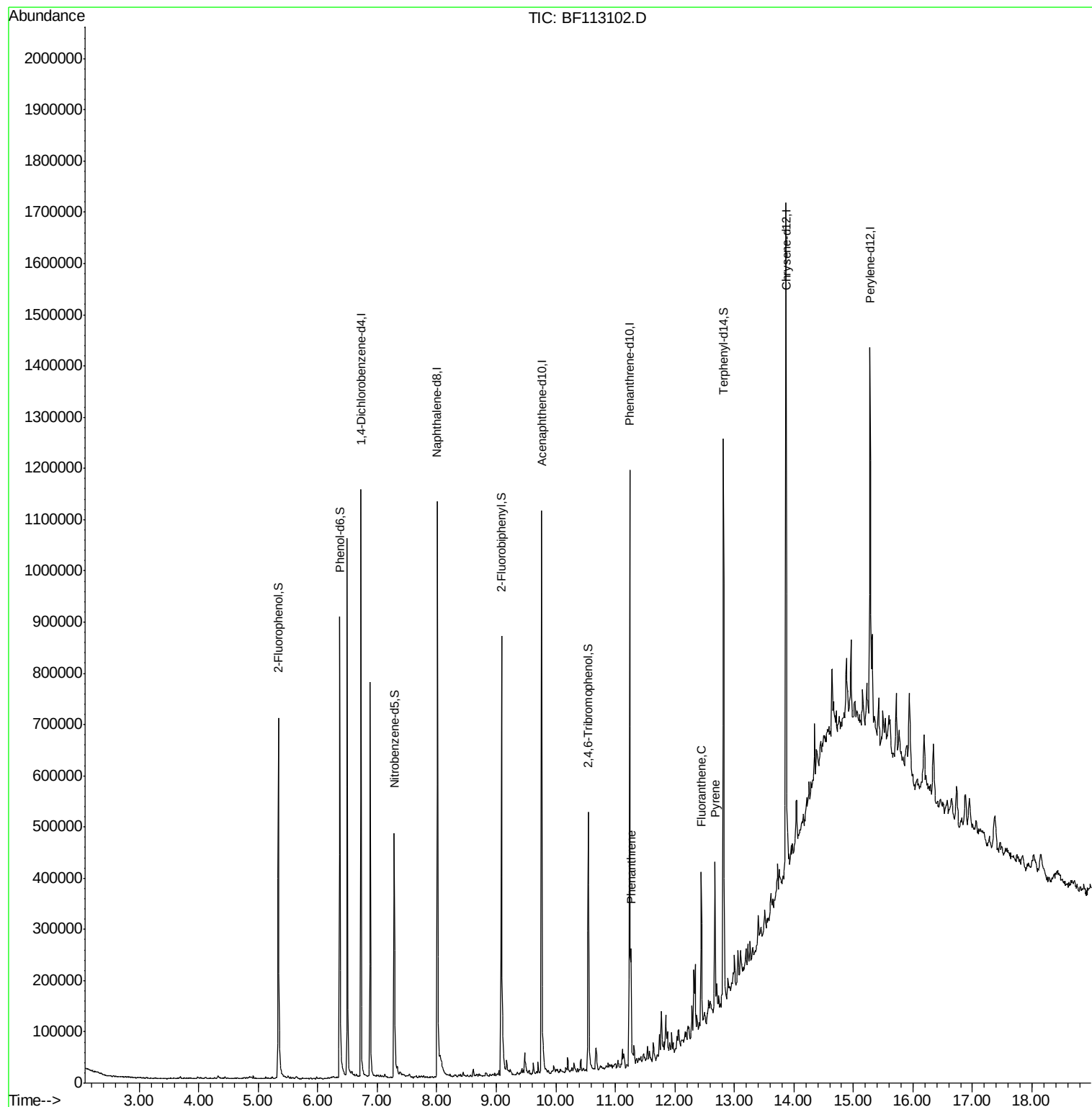
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	162376	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	602662	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	260834	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	473094	20.00	ng	0.00
76) Chrysene-d12	13.87	240	470583	20.00	ng	0.00
87) Perylene-d12	15.28	264	355312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	234884	22.50	ng	0.00
7) Phenol-d6	6.37	99	331165	25.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	180238	17.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	75333	27.21	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	383206	19.27	ng	0.00
79) Terphenyl-d14	12.82	244	401369	16.53	ng	0.00
Target Compounds						
71) Phenanthrene	11.26	178	75556	3.210	ng	97
75) Fluoranthene	12.44	202	126106	5.001	ng	96
78) Pyrene	12.67	202	124897	3.148	ng	98

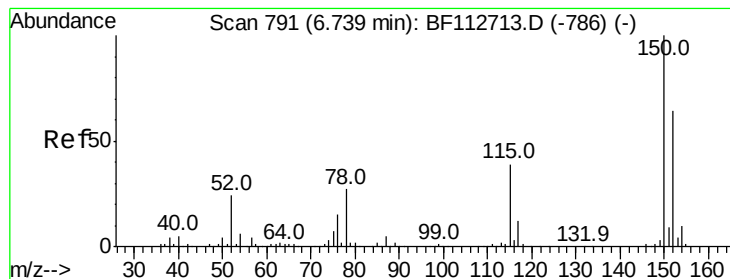
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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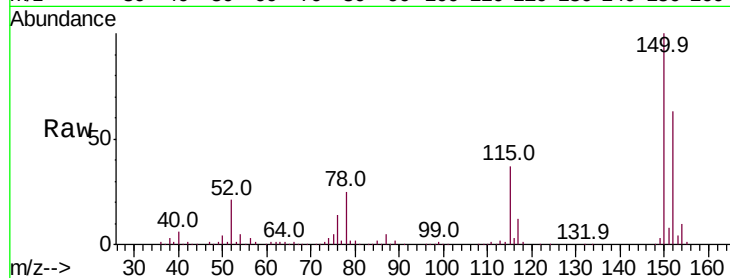


#1

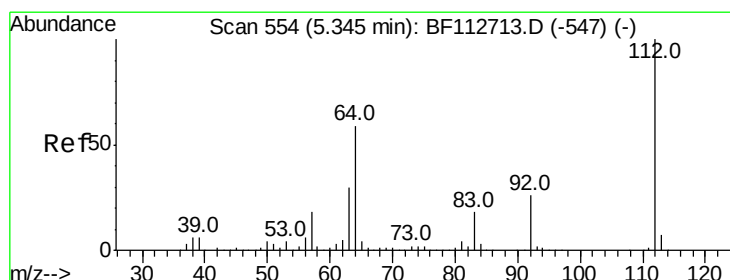
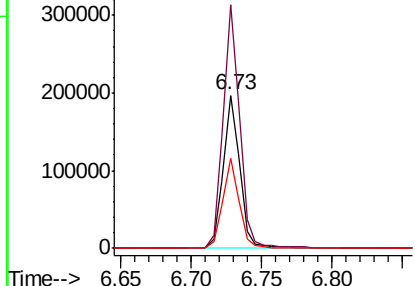
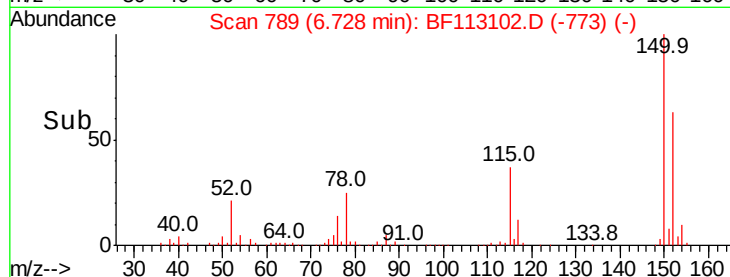
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113102.D
Acq: 18 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-B

Tot Ion:152 Resp: 162376
Ion Ratio Lower Upper
152 100
150 158.9 124.2 186.2
115 59.0 48.2 72.4



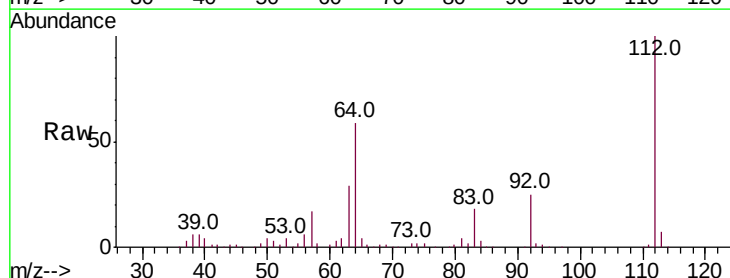
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



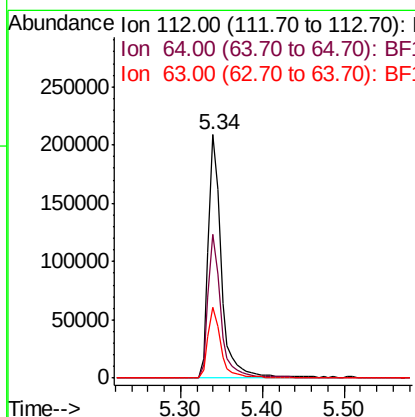
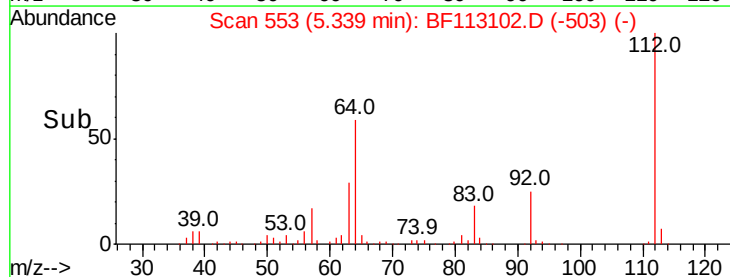
#5

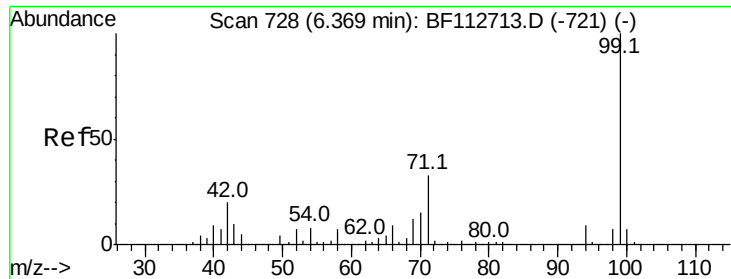
2-Fluorophenol
Concen: 22.502 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113102.D
Acq: 18 Mar 2019 20:39

Tgt Ion:112 Resp: 234884
Ion Ratio Lower Upper
112 100
64 59.1 47.6 71.4
63 29.1 24.4 36.6



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: 25.256 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113102.D

Acq: 18 Mar 2019 20:39

Instrument :

BNA_F

ClientSampleId :

CL-01-031519-B

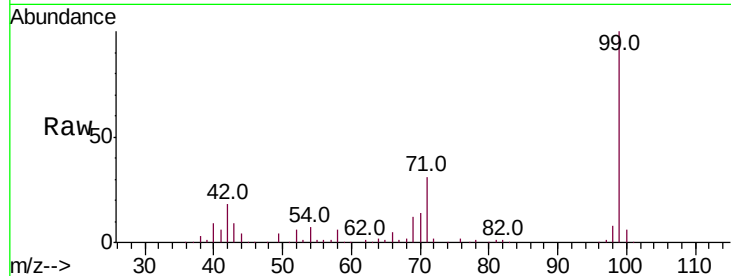
Tot Ion: 99 Resp: 331165

Ion Ratio Lower Upper

99 100

42 17.7 16.3 24.5

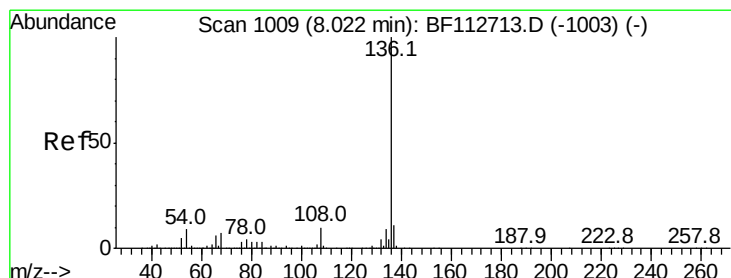
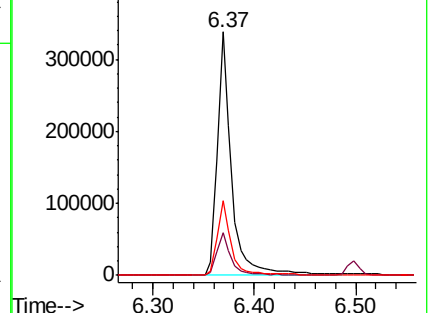
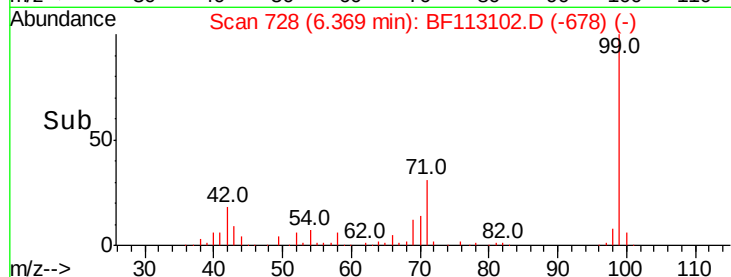
71 30.6 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113102.D

Acq: 18 Mar 2019 20:39

Tgt Ion: 136 Resp: 602662

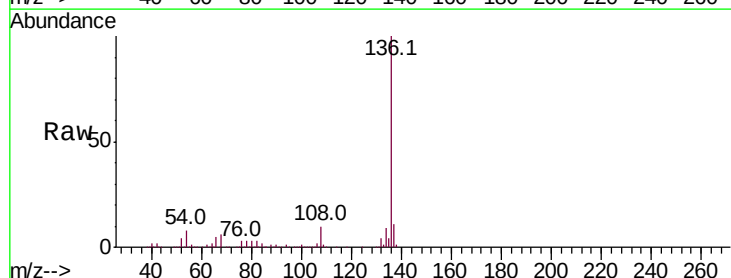
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.2 7.3 10.9

68 5.8 5.4 8.2

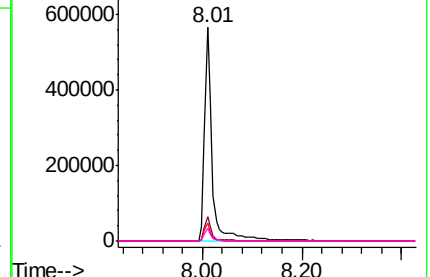
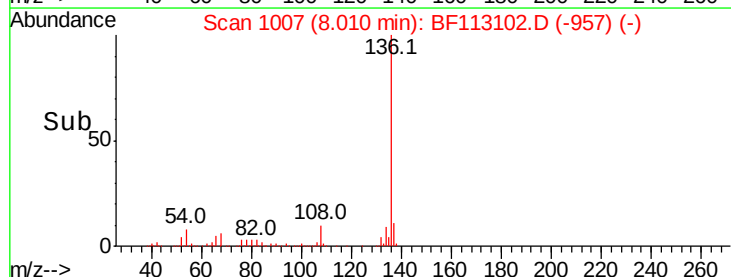


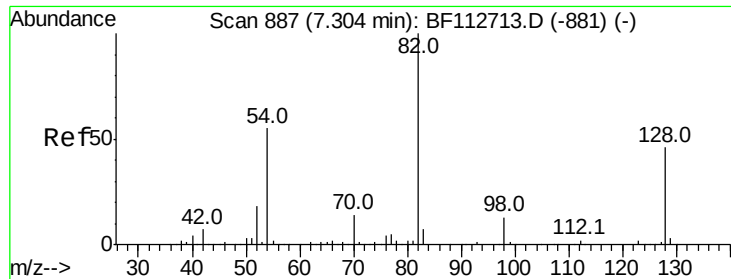
Abundance Ion 136.00 (135.70 to 136.70): E

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

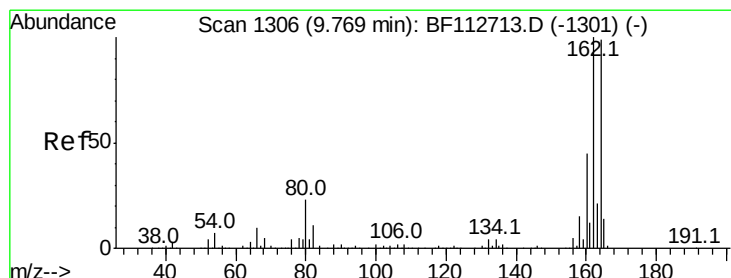
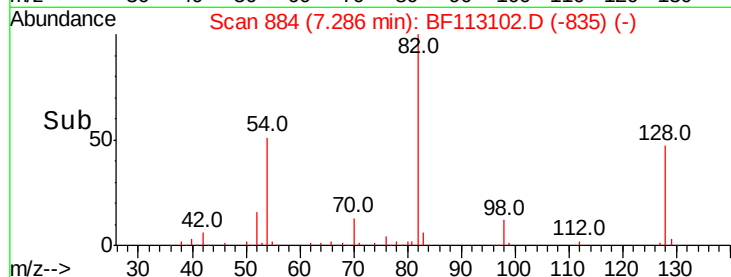
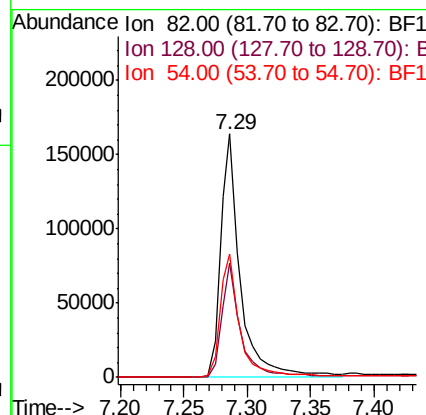
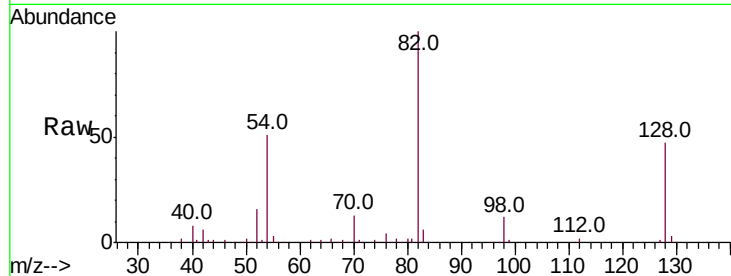




#23
Nitrobenzene-d5
Concen: 17.896 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113102.D
Acq: 18 Mar 2019 20:39

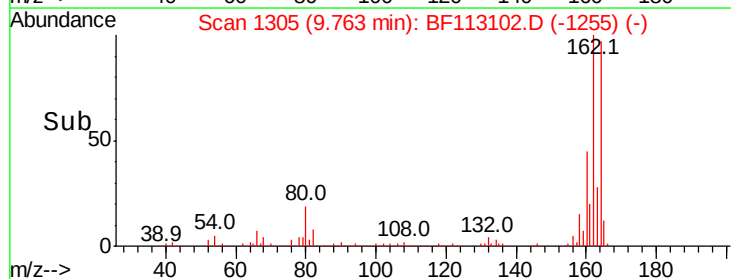
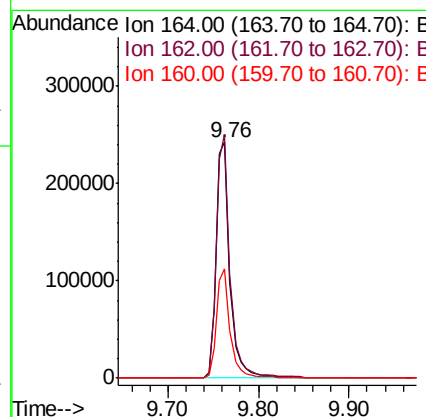
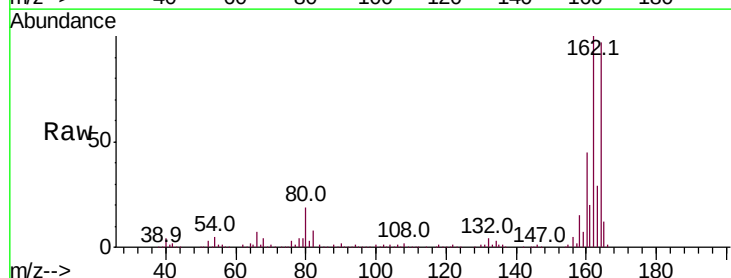
Instrument :
BNA_F
ClientSampleId :
CL-01-031519-B

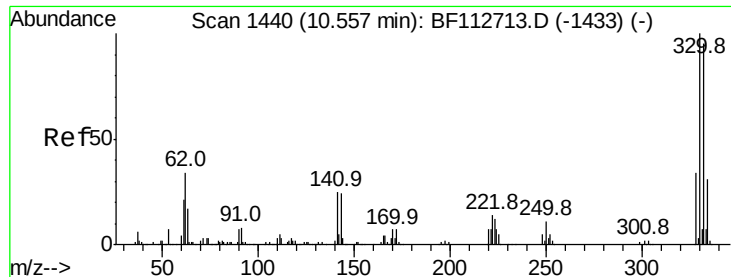
Tot Ion: 82 Resp: 180238
Ion Ratio Lower Upper
82 100
128 47.0 36.3 54.5
54 50.6 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113102.D
Acq: 18 Mar 2019 20:39

Tgt Ion:164 Resp: 260834
Ion Ratio Lower Upper
164 100
162 103.4 80.6 120.8
160 46.4 36.0 54.0

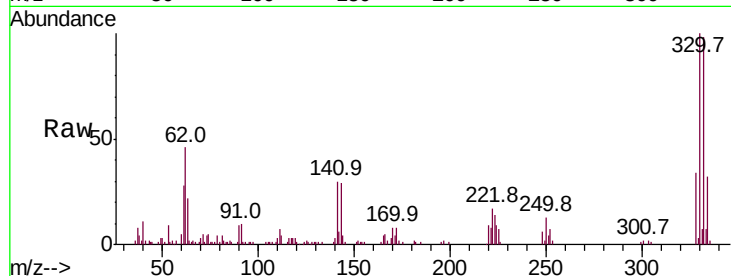




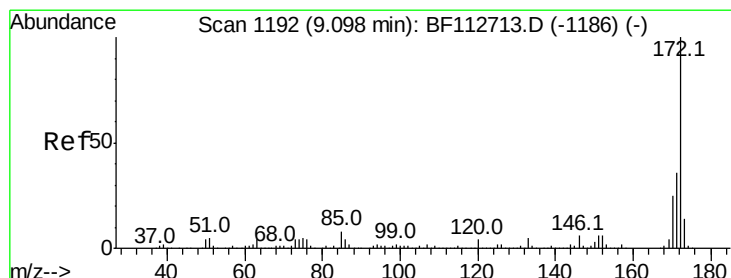
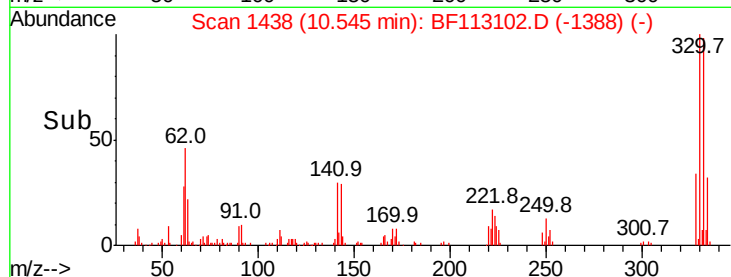
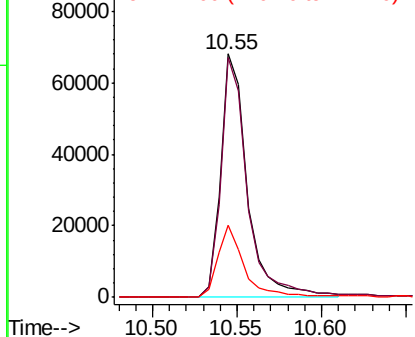
#42
2,4,6-Tribromophenol
Concen: 27.205 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113102.D
Acq: 18 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-B

Tot Ion:330 Resp: 75333
Ion Ratio Lower Upper
330 100
332 100.4 76.2 114.4
141 30.1 27.0 40.6

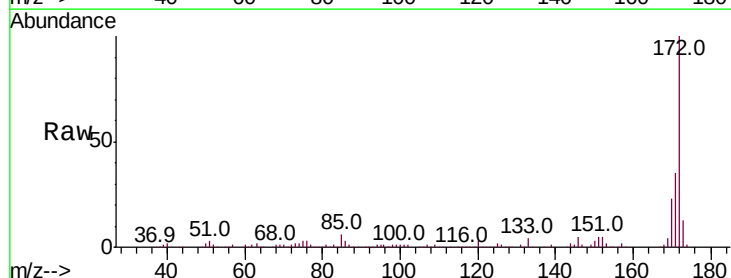


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

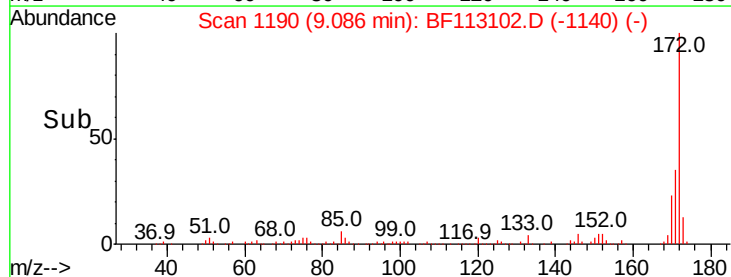
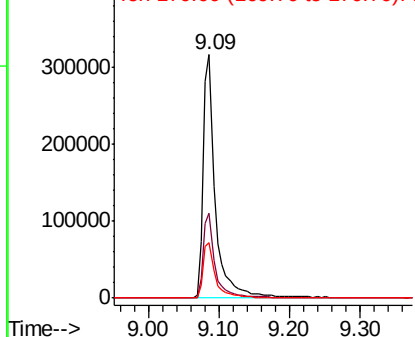


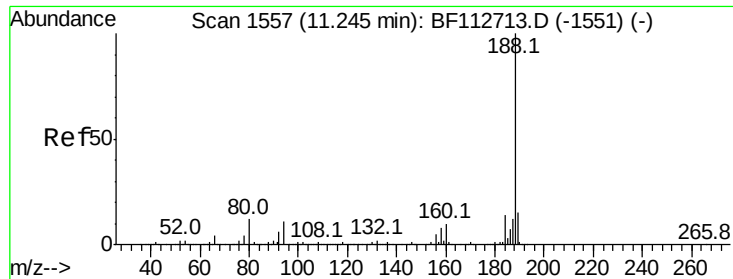
#45
2-Fluorobiphenyl
Concen: 19.270 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113102.D
Acq: 18 Mar 2019 20:39

Tgt Ion:172 Resp: 383206
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.4
170 22.7 20.0 30.0



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

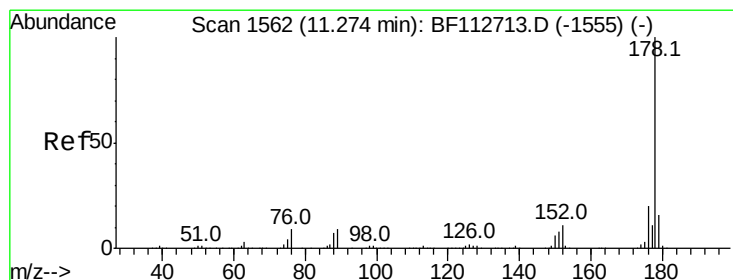
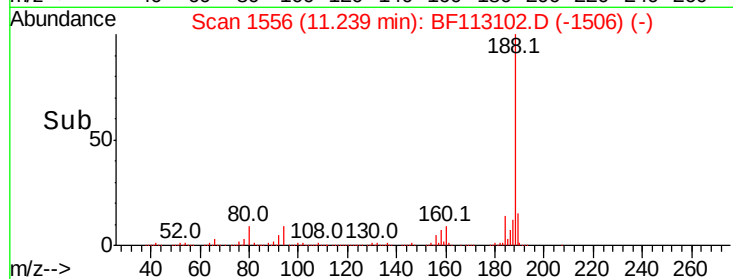
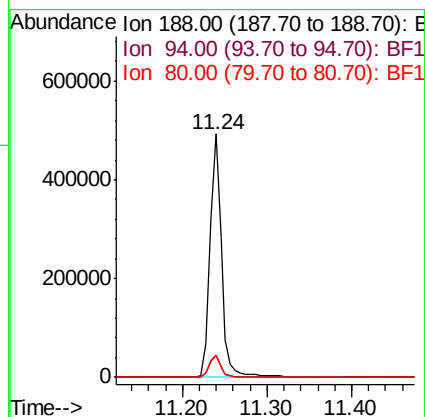
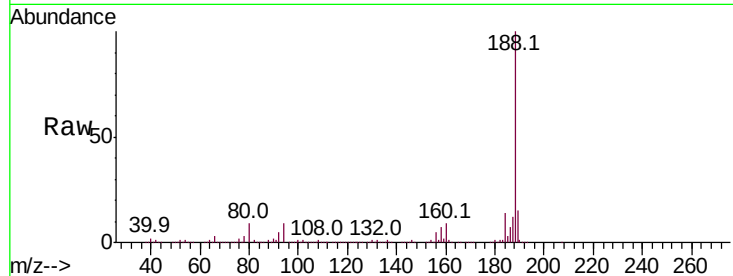




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113102.D
Acq: 18 Mar 2019 20:39

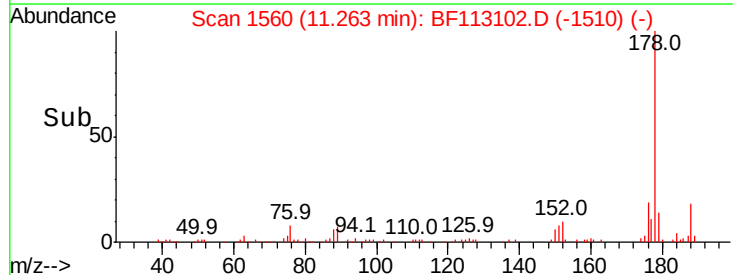
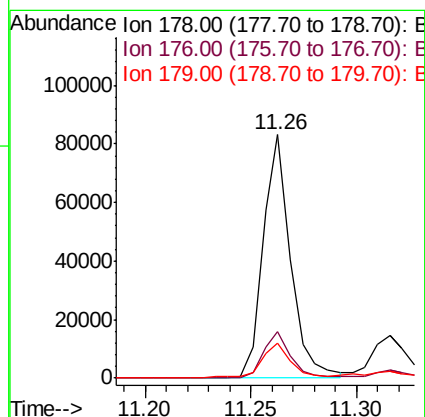
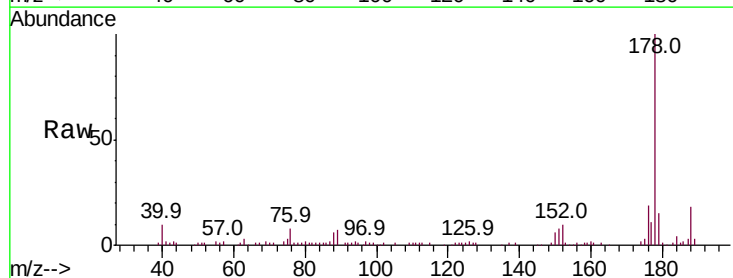
Instrument :
BNA_F
ClientSampleId :
CL-01-031519-B

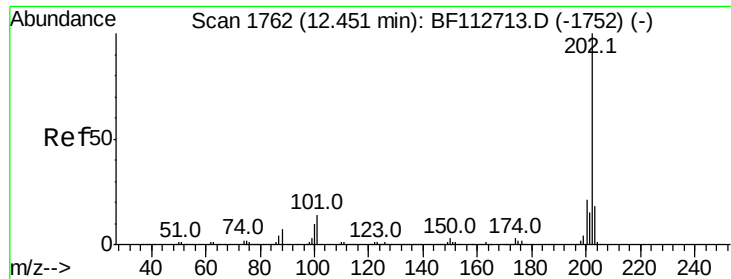
Tot Ion:188 Resp: 473094
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.4#
80 9.3 9.2 13.8



#71
Phenanthrene
Concen: 3.210 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113102.D
Acq: 18 Mar 2019 20:39

Tgt Ion:178 Resp: 75556
Ion Ratio Lower Upper
178 100
176 19.2 16.3 24.5
179 14.6 12.7 19.1





#75

Fluoranthene

Concen: 5.001 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113102.D

Acq: 18 Mar 2019 20:39

Instrument :

BNA_F

ClientSampleId :

CL-01-031519-B

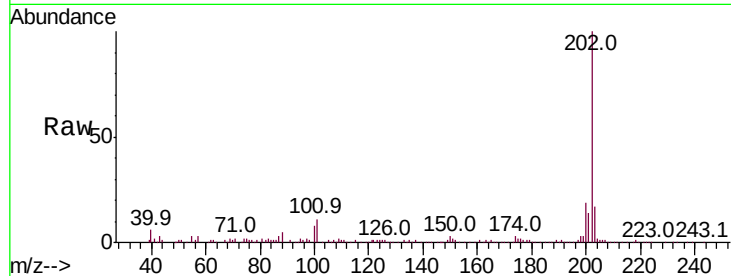
Tot Ion:202 Resp: 126106

Ion Ratio Lower Upper

202 100

101 10.8 0.0 33.8

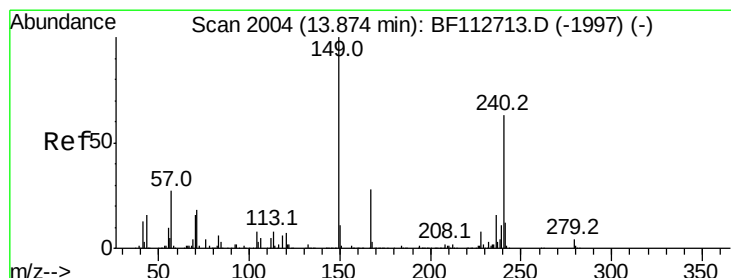
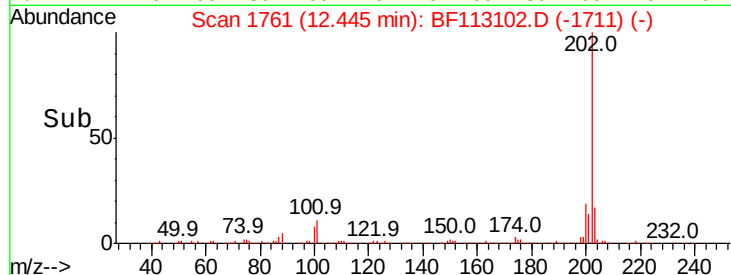
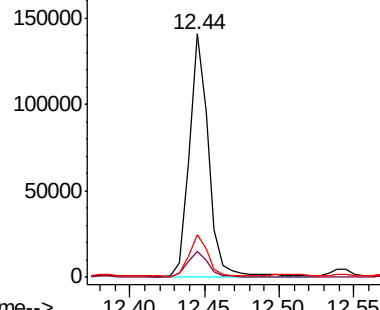
203 17.4 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113102.D

Acq: 18 Mar 2019 20:39

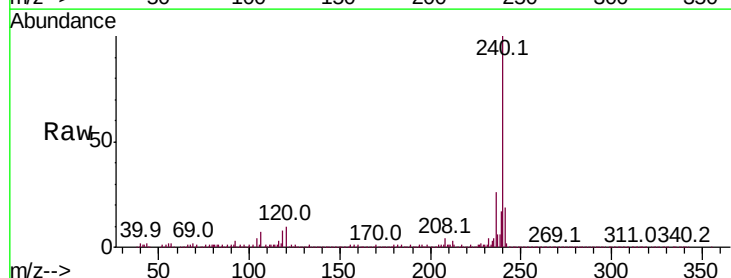
Tgt Ion:240 Resp: 470583

Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

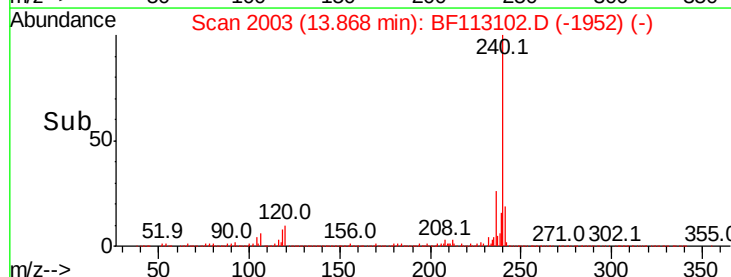
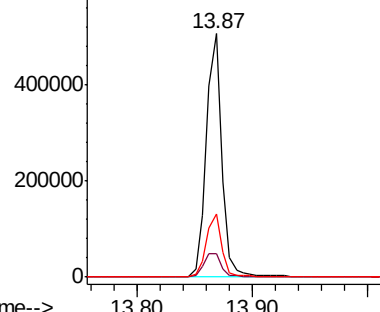
236 26.0 20.7 31.1

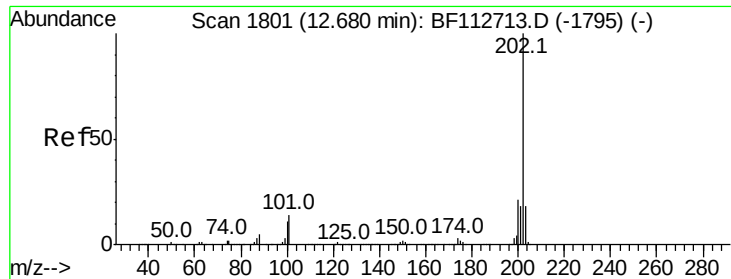


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.148 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF113102.D

Acq: 18 Mar 2019 20:39

Instrument :

BNA_F

ClientSampleId :

CL-01-031519-B

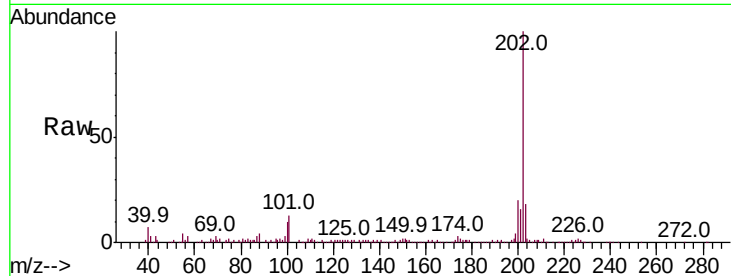
Tot Ion:202 Resp: 124897

Ion Ratio Lower Upper

202 100

200 20.1 17.0 25.4

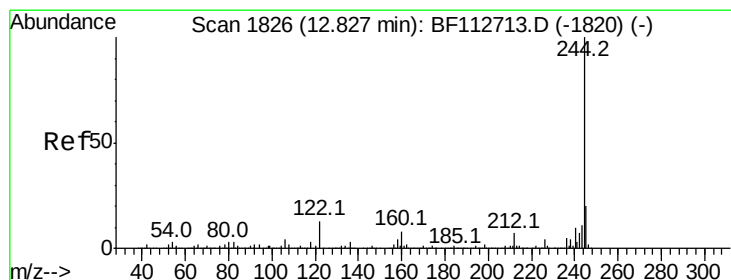
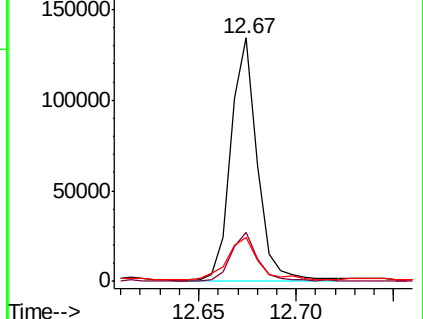
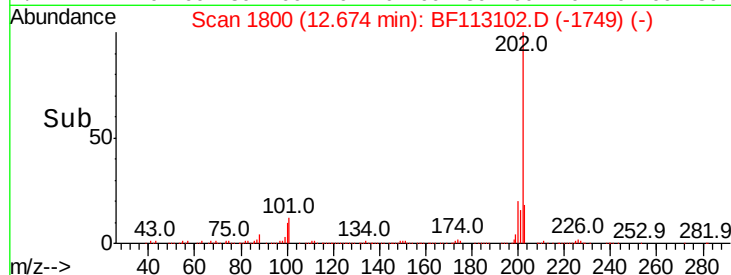
203 18.2 14.4 21.6



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: 16.534 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113102.D

Acq: 18 Mar 2019 20:39

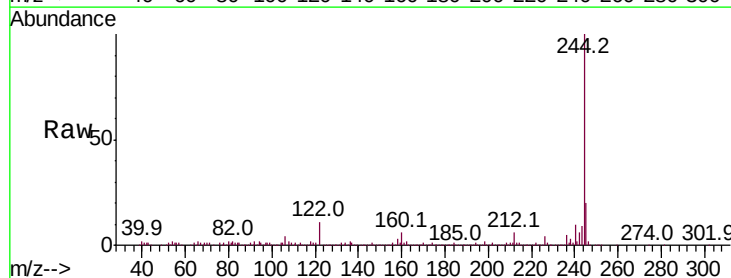
Tgt Ion:244 Resp: 401369

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

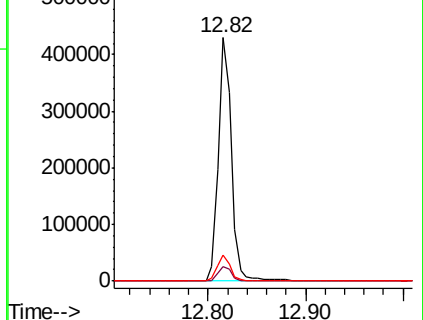
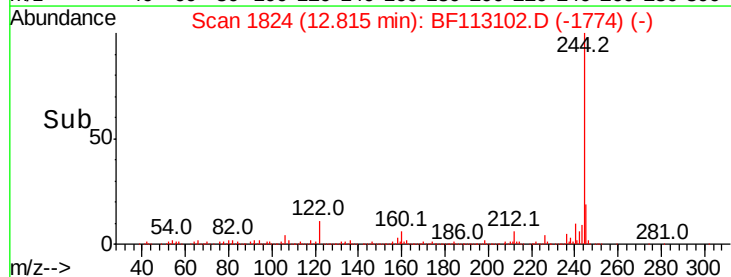
122 10.9 10.5 15.7

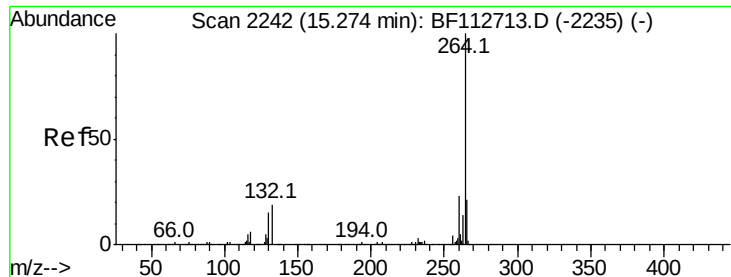


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113102.D
 Acq: 18 Mar 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.1	17.2	25.8

