

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120205.D
 Acq On : 24 Apr 2020 16:36
 Operator : MA/SJ
 Sample : L2394-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-1

Quant Time: Apr 24 17:12:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

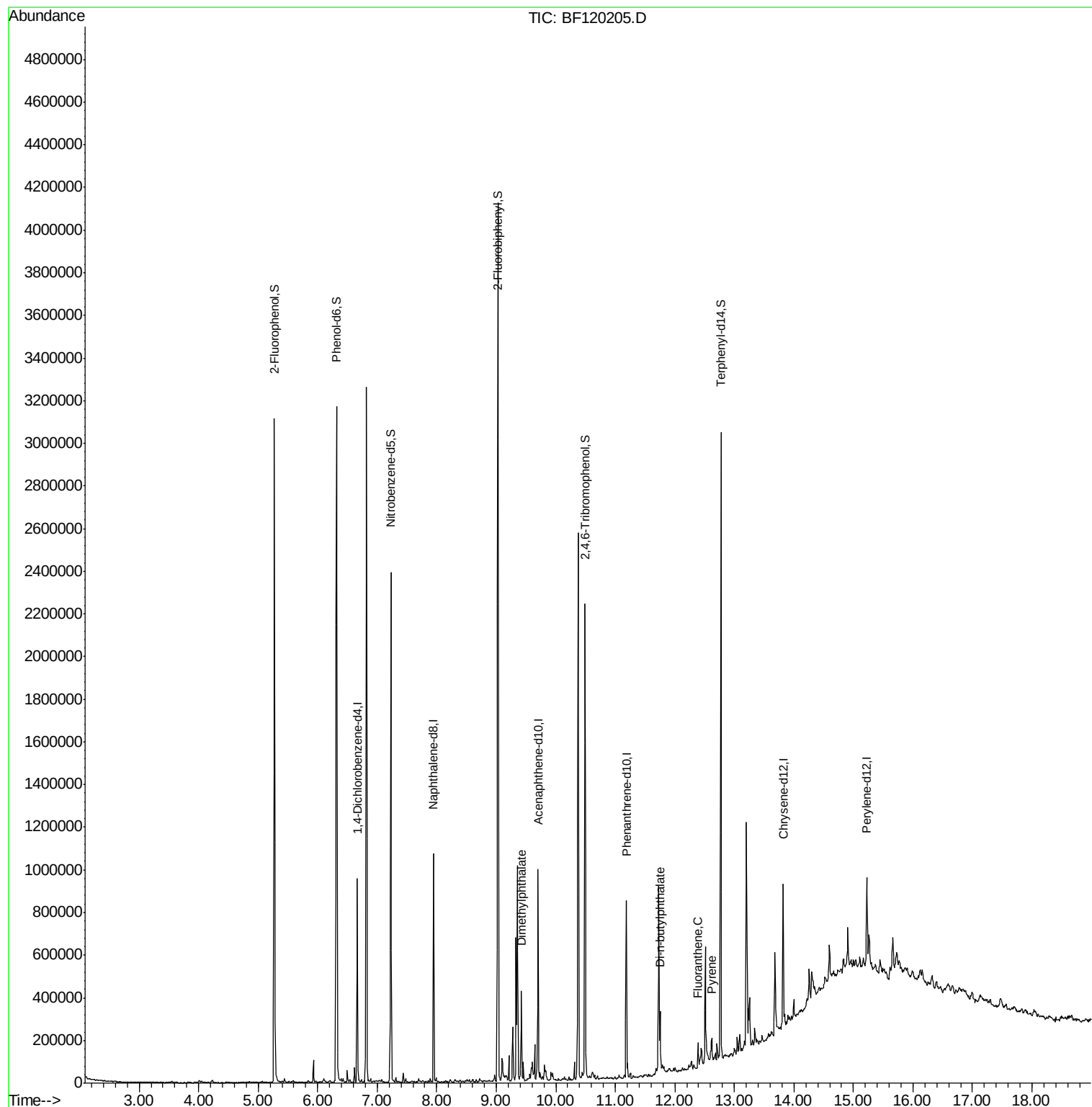
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	122993	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	448731	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	203389	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	318787	20.00	ng	0.00
76) Chrysene-d12	13.82	240	229973	20.00	ng	0.00
87) Perylene-d12	15.23	264	180453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	901158	126.62	ng	0.00
7) Phenol-d6	6.32	99	1147531	125.13	ng	0.00
23) Nitrobenzene-d5	7.23	82	683588	78.81	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	217246	87.24	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1264378	88.26	ng	0.00
79) Terphenyl-d14	12.77	244	1019061	74.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	132664	8.433	ng	99
74) Di-n-butylphthalate	11.75	149	114312	5.305	ng	97
75) Fluoranthene	12.39	202	42306	2.311	ng	93
78) Pyrene	12.62	202	42816	2.208	ng	99

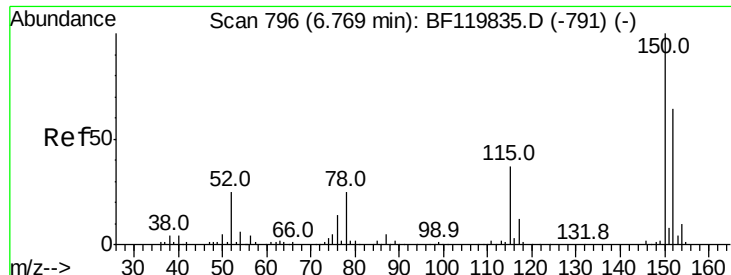
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120205.D
Acq On : 24 Apr 2020 16:36
Operator : MA/SJ
Sample : L2394-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
G-1

Quant Time: Apr 24 17:12:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 10:24:30 2020
Response via : Initial Calibration



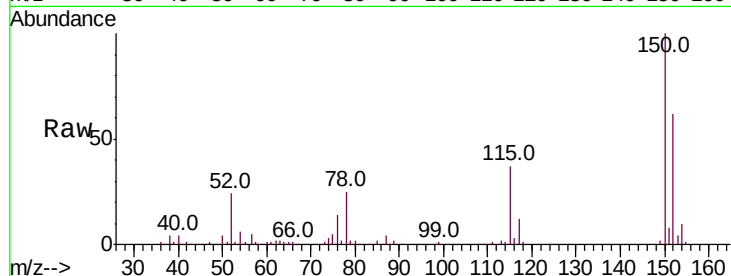


#1

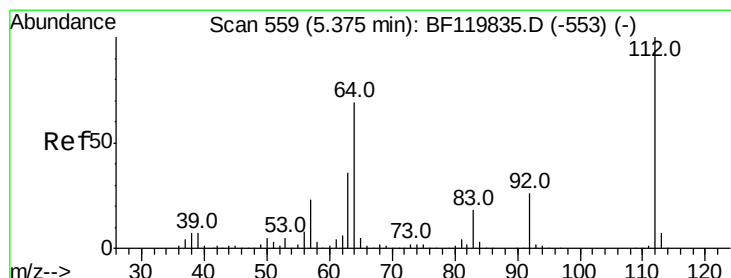
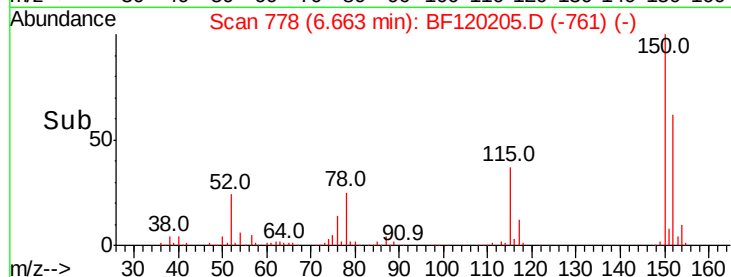
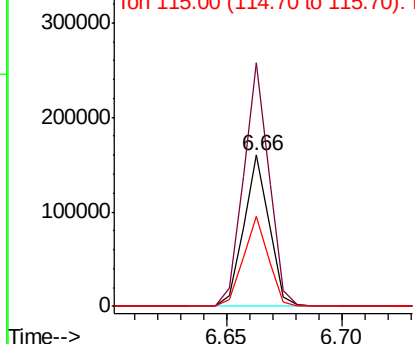
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF120205.D
 Acq: 24 Apr 2020 16:36

Instrument :
 BNA_F
 ClientSampleId :
 G-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.5	186.7
115	59.9	49.6	74.4



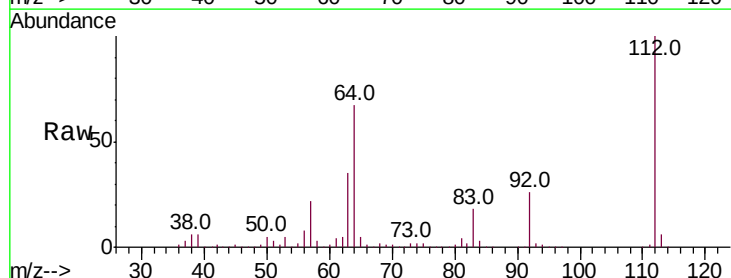
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



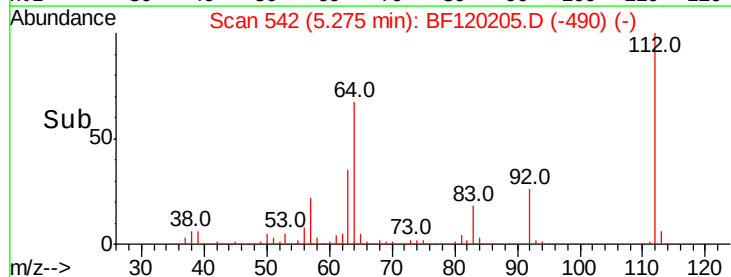
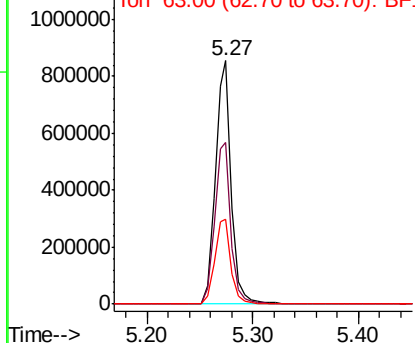
#5

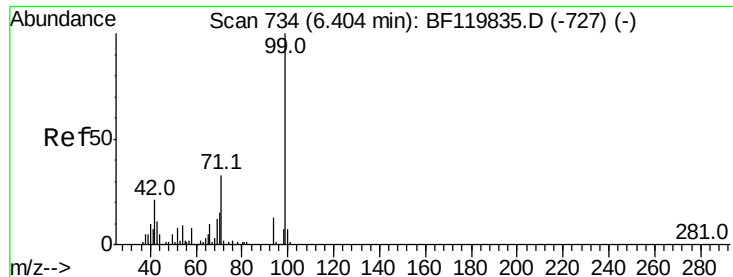
2-Fluorophenol
 Concen: 126.622 ng
 RT: 5.27 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: BF120205.D
 Acq: 24 Apr 2020 16:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	56.7	85.1
63	34.7	29.5	44.3



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: 125.133 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF120205.D

Acq: 24 Apr 2020 16:36

Instrument :

BNA_F

ClientSampled :

G-1

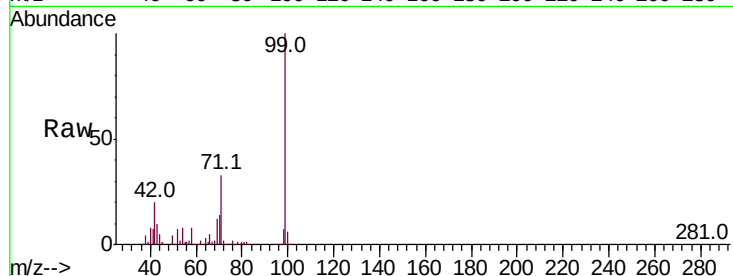
Tot Ion: 99 Resp: 1147531

Ion Ratio Lower Upper

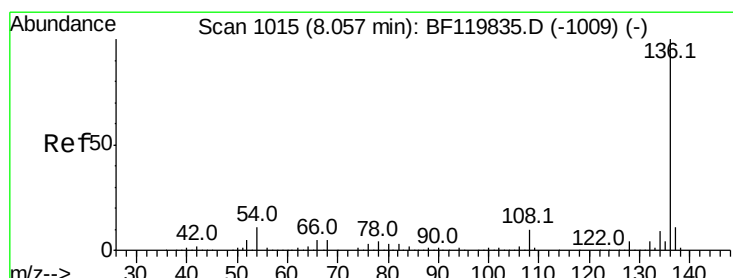
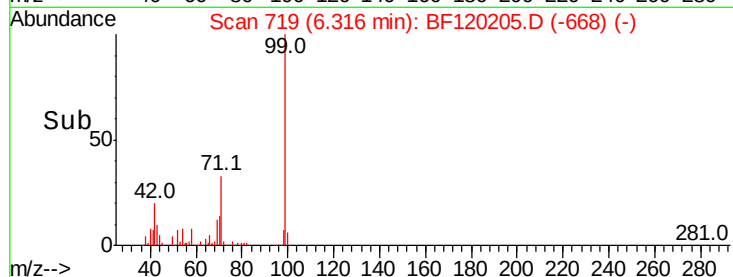
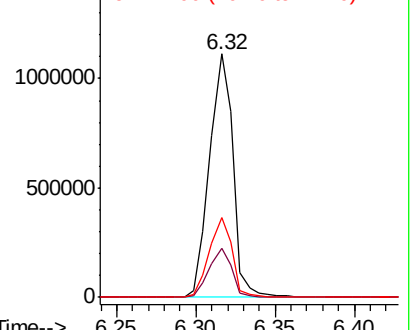
99 100

42 19.9 16.6 24.8

71 32.6 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120205.D

Acq: 24 Apr 2020 16:36

Tgt Ion: 136 Resp: 448731

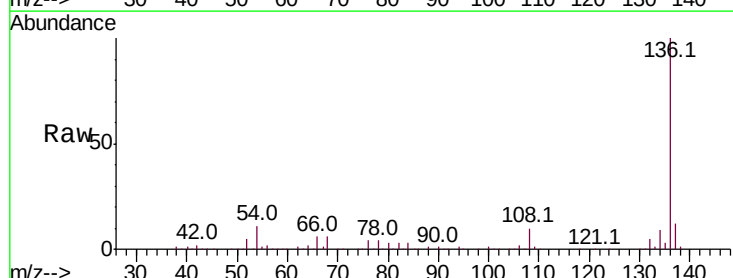
Ion Ratio Lower Upper

136 100

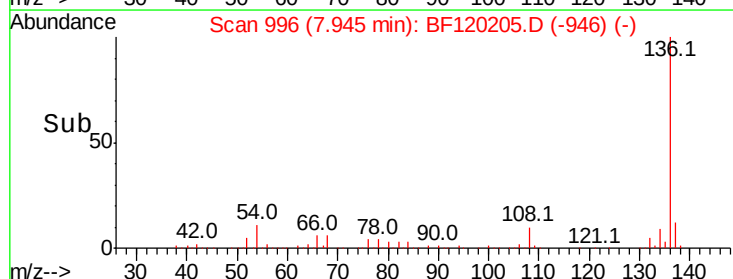
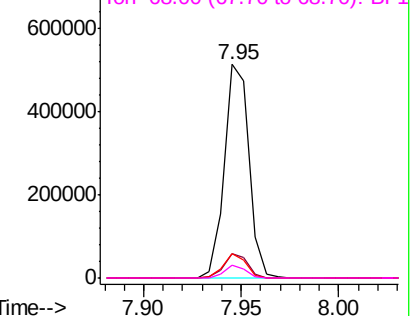
137 11.6 8.7 13.1

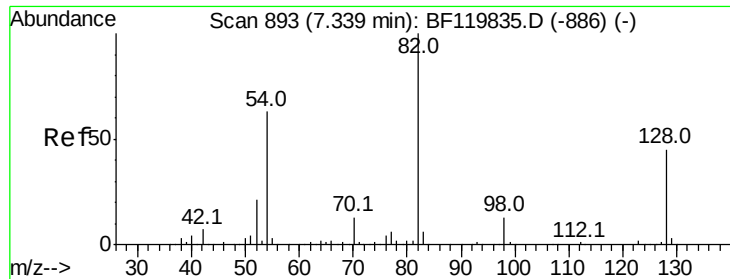
54 11.1 9.1 13.7

68 5.7 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E
800000
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

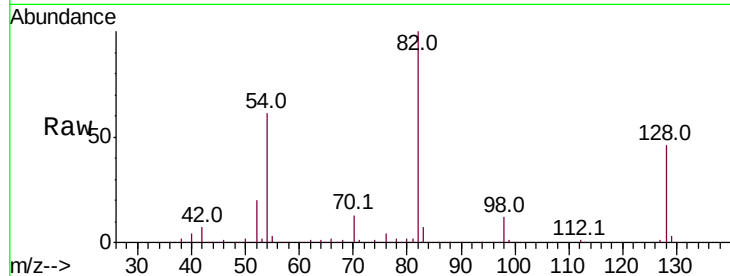




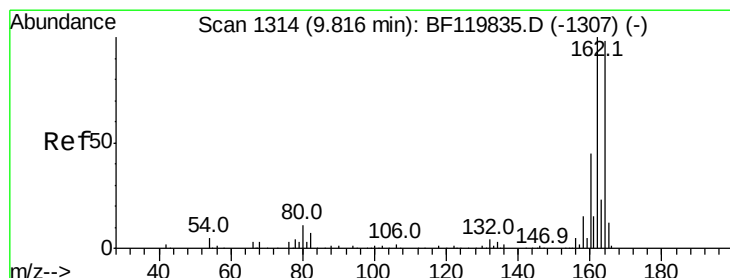
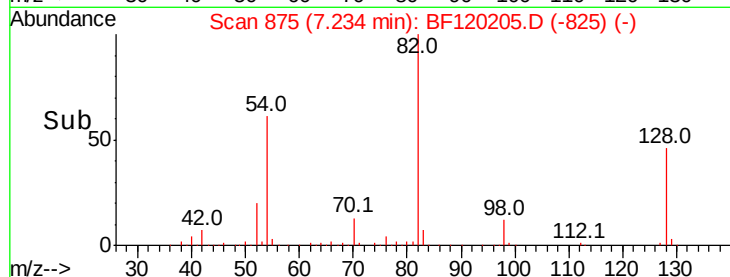
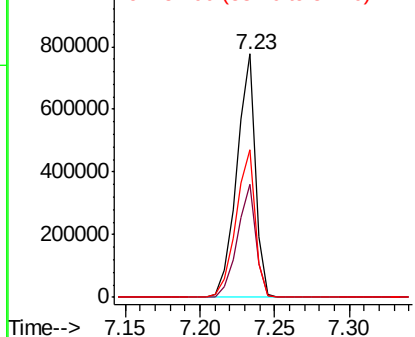
#23
Nitrobenzene-d5
Concen: 78.810 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120205.D
Acq: 24 Apr 2020 16:36

Instrument :
BNA_F
ClientSampled :
G-1

Tot Ion: 82 Resp: 683588
Ion Ratio Lower Upper
82 100
128 46.4 36.3 54.5
54 60.6 50.6 75.8

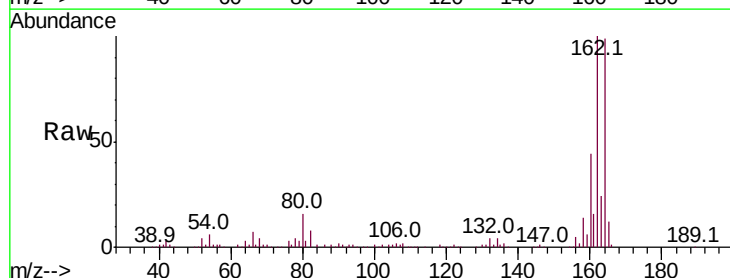


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

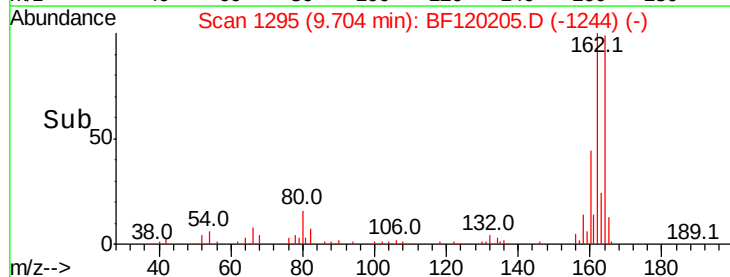
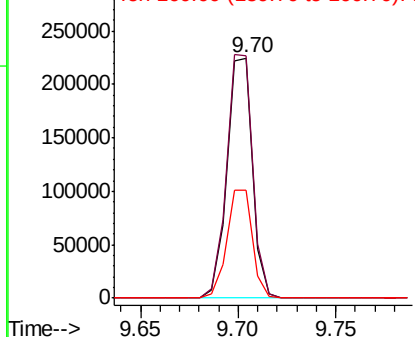


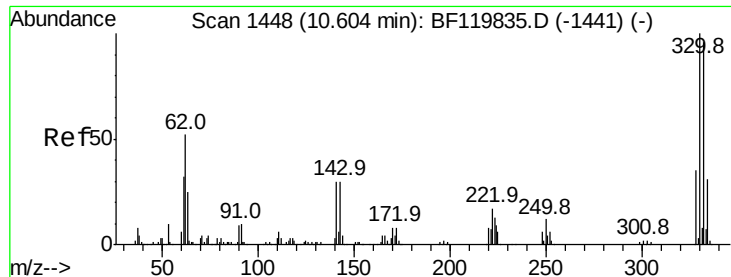
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF120205.D
Acq: 24 Apr 2020 16:36

Tgt Ion:164 Resp: 203389
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 44.8 35.7 53.5



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

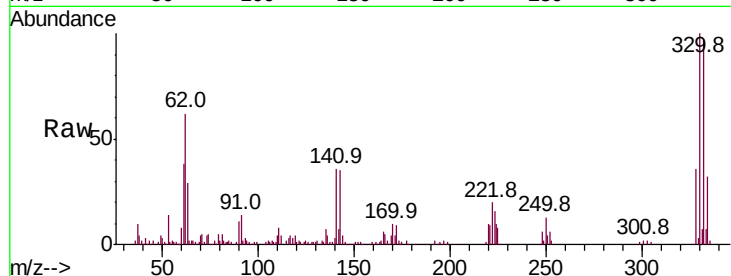




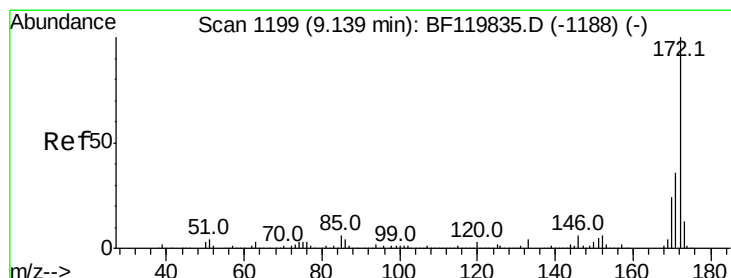
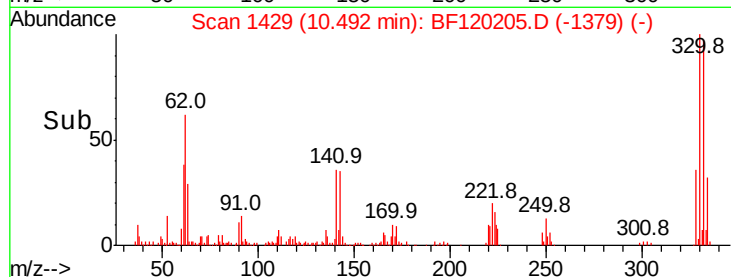
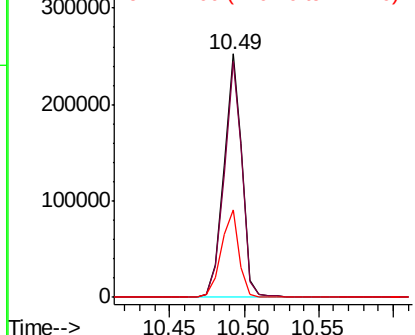
#42
 2,4,6-Tribromophenol
 Concen: 87.241 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120205.D
 Acq: 24 Apr 2020 16:36

Instrument :
 BNA_F
 ClientSampled :
 G-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.7	113.5
141	35.3	25.4	38.0

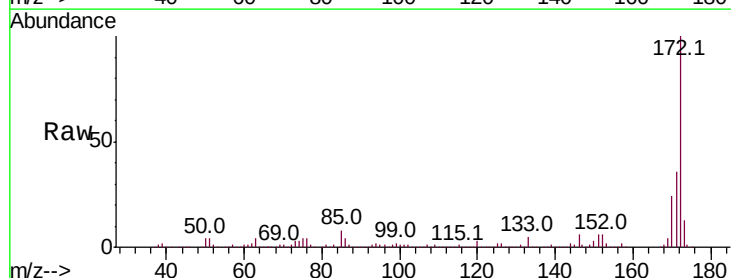


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

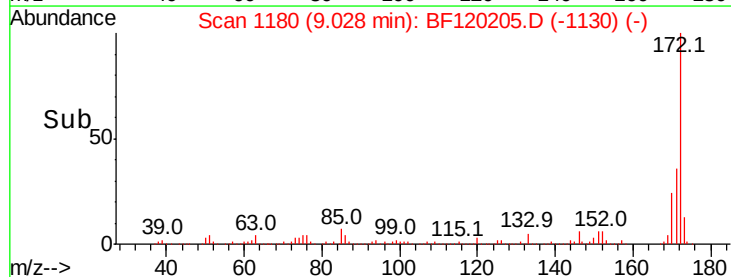
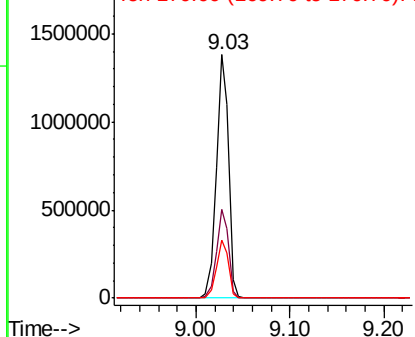


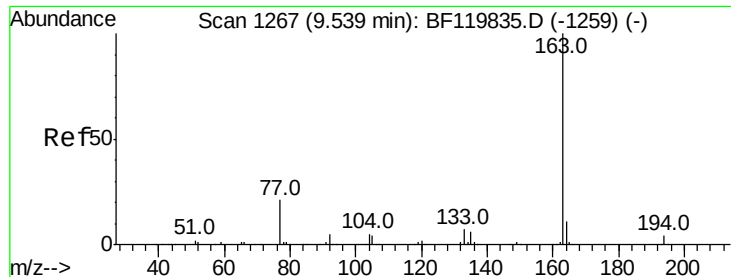
#45
 2-Fluorobiphenyl
 Concen: 88.261 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120205.D
 Acq: 24 Apr 2020 16:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.1	20.2	30.2



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

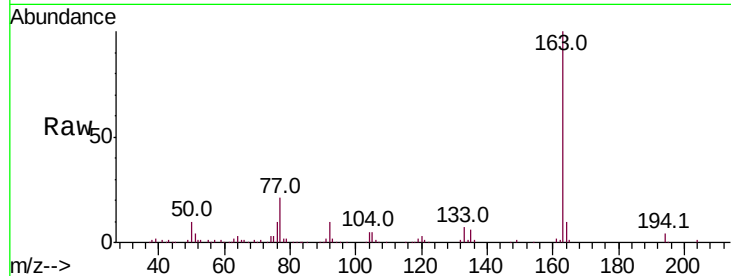




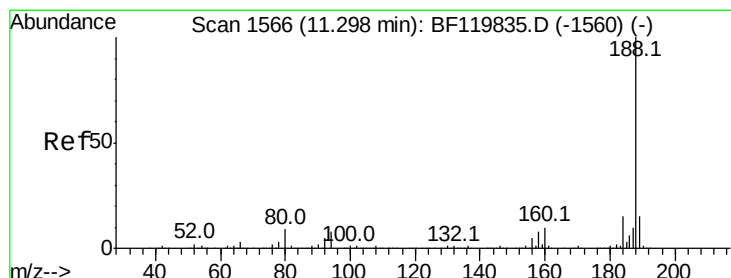
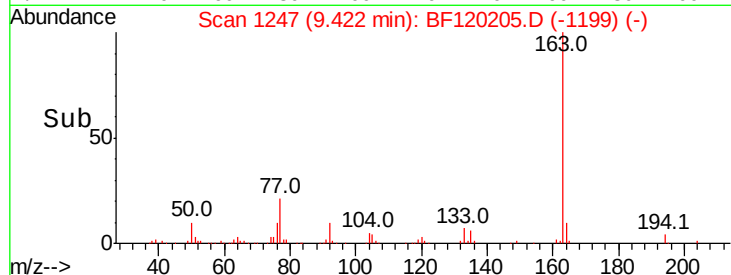
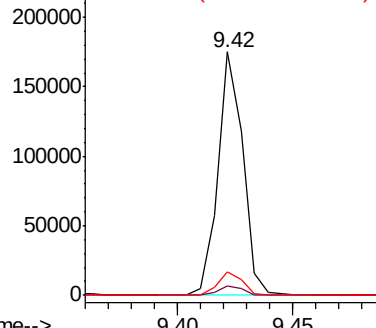
#50
Dimethylphthalate
Concen: 8.433 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120205.D
Acq: 24 Apr 2020 16:36

Instrument :
BNA_F
ClientSampleId :
G-1

Tot Ion:163 Resp: 132664
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 8.2 12.2

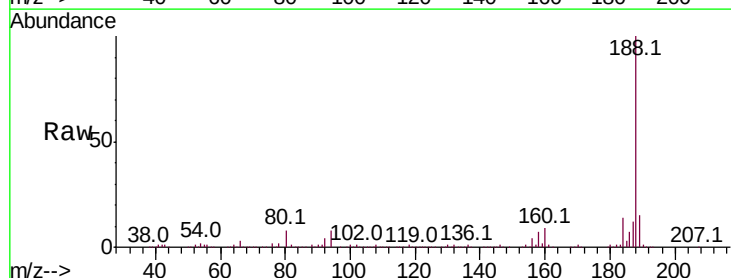


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

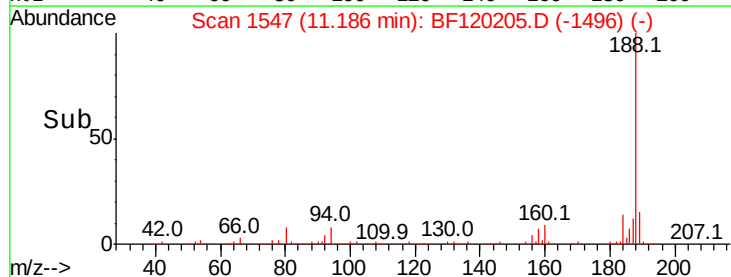
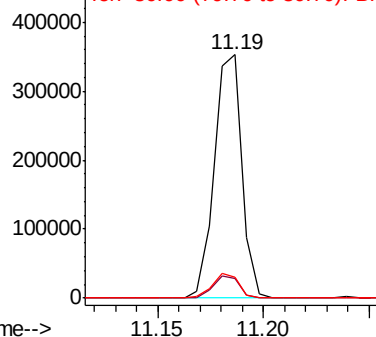


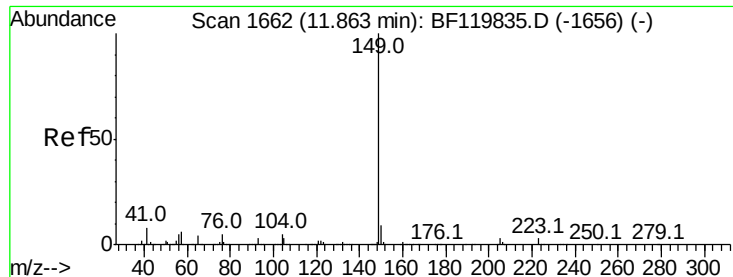
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF120205.D
Acq: 24 Apr 2020 16:36

Tgt Ion:188 Resp: 318787
Ion Ratio Lower Upper
188 100
94 7.8 7.5 11.3
80 8.4 9.0 13.4#



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





#74

Di-n-butylphthalate

Concen: 5.305 ng

RT: 11.75 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BF120205.D

Acq: 24 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

G-1

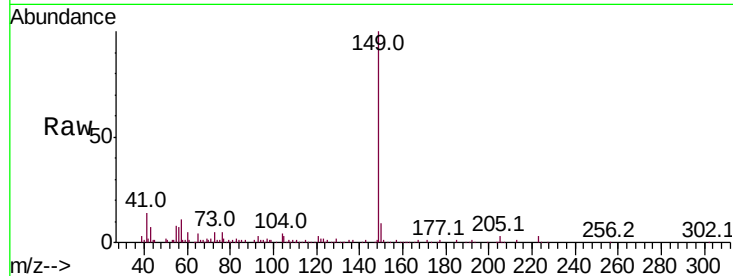
Tot Ion:149 Resp: 114312

Ion Ratio Lower Upper

149 100

150 8.7 7.8 11.8

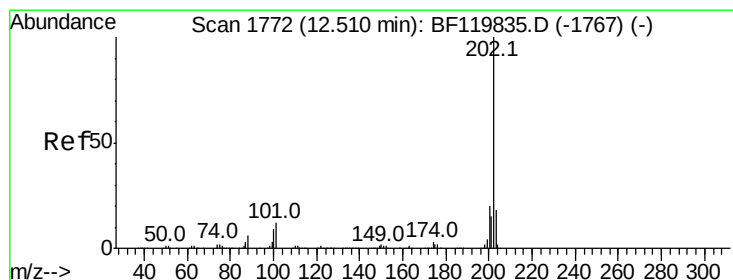
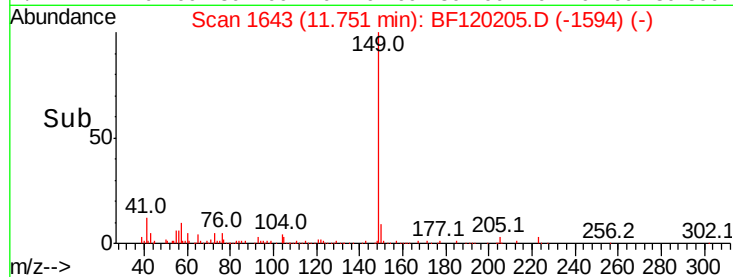
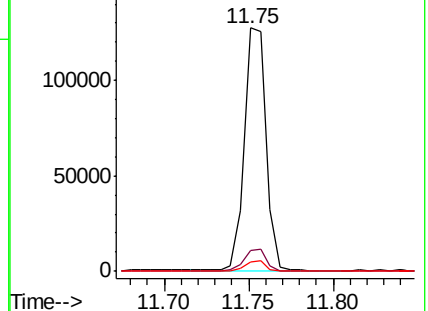
104 3.9 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 2.311 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BF120205.D

Acq: 24 Apr 2020 16:36

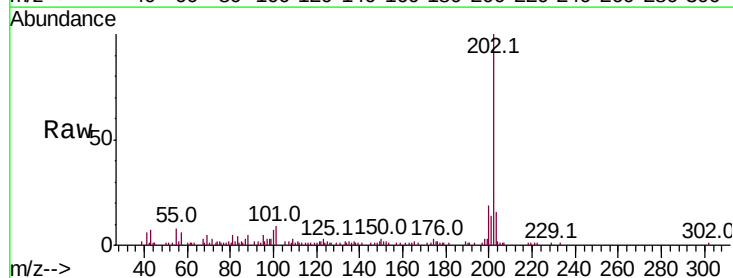
Tgt Ion:202 Resp: 42306

Ion Ratio Lower Upper

202 100

101 8.8 0.0 32.2

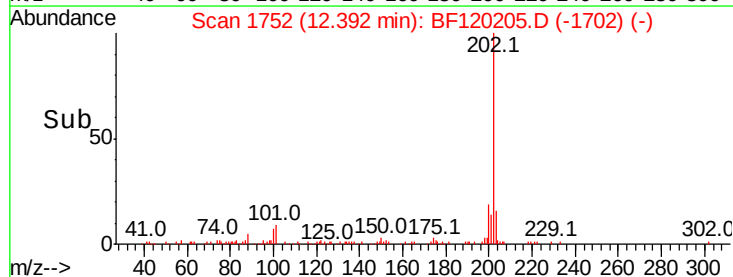
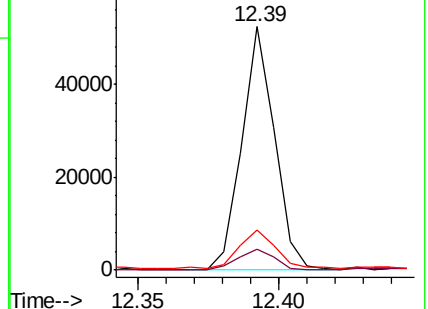
203 16.3 0.0 38.8

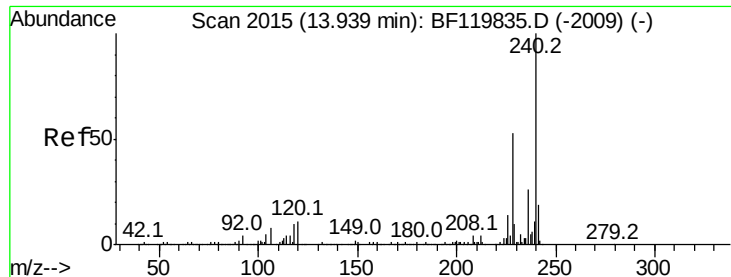


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF120205.D

Acq: 24 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

G-1

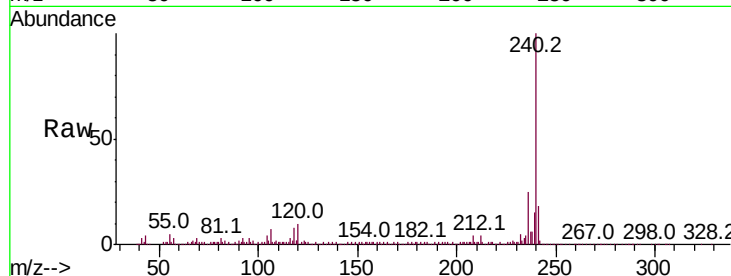
Tot Ion:240 Resp: 229973

Ion Ratio Lower Upper

240 100

120 10.2 10.6 15.8#

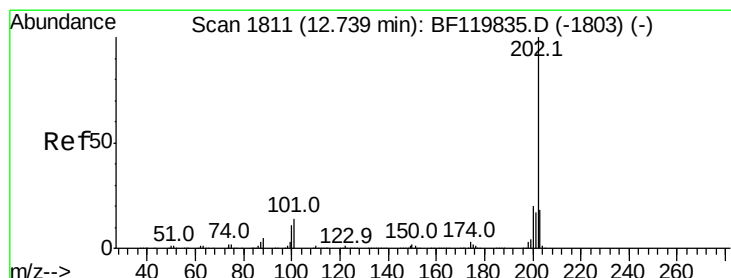
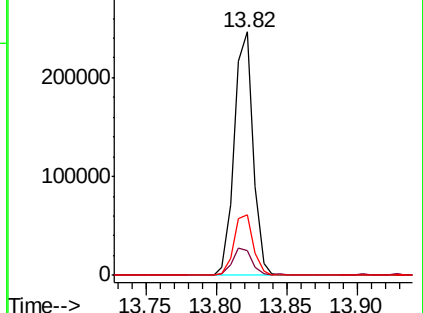
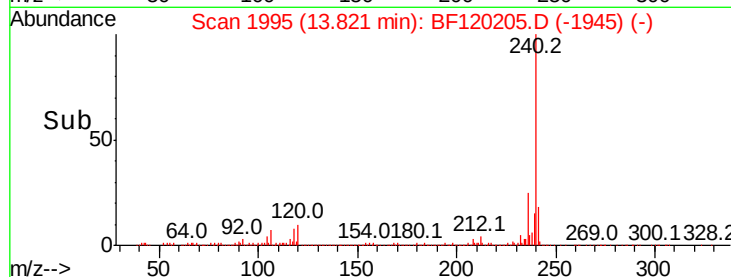
236 25.0 20.2 30.2



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

Pyrene

Concen: 2.208 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF120205.D

Acq: 24 Apr 2020 16:36

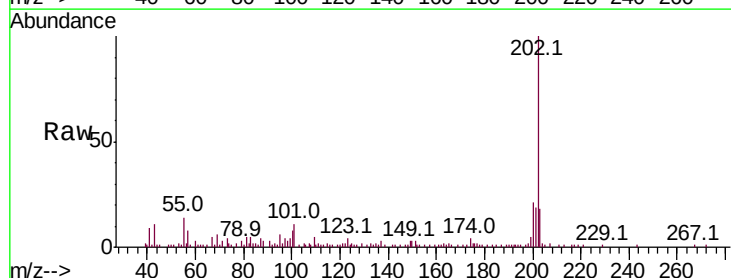
Tgt Ion:202 Resp: 42816

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

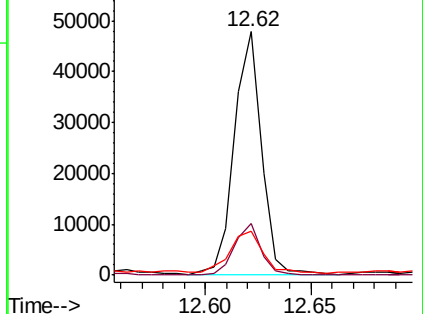
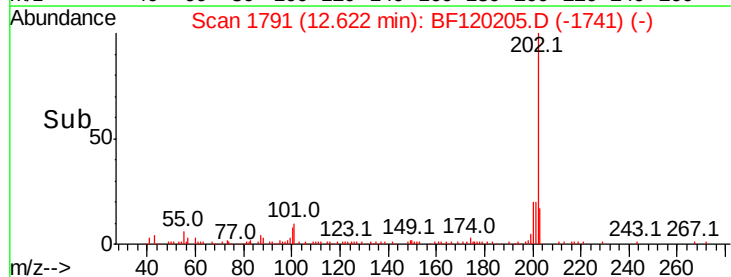
203 18.2 15.1 22.7

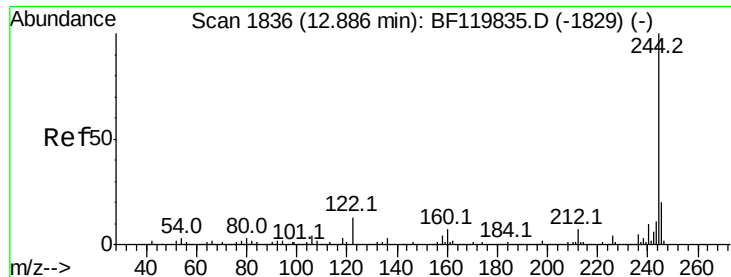


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.562 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120205.D

Acq: 24 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

G-1

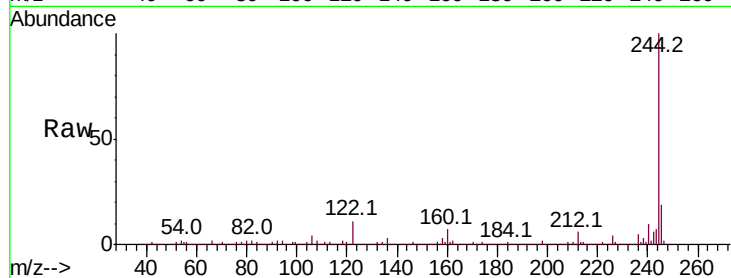
Tot Ion:244 Resp: 1019061

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

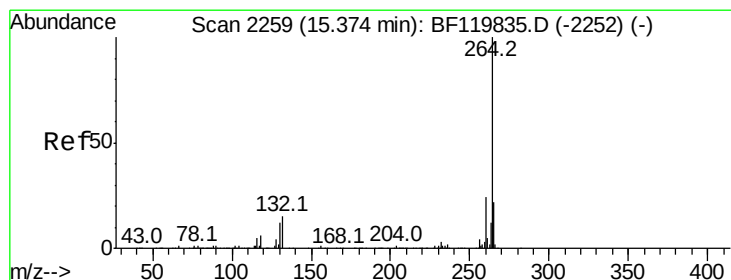
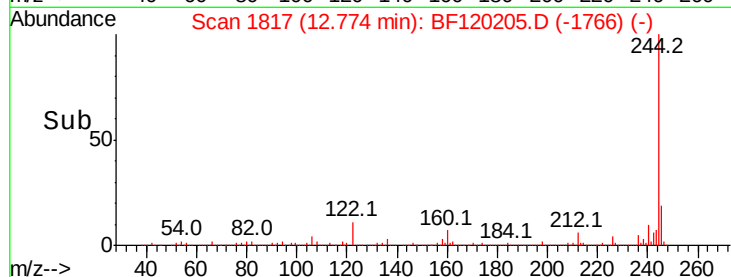
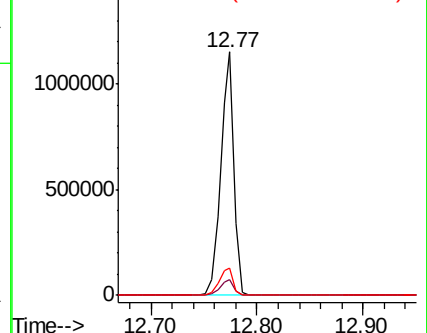
122 11.0 10.3 15.5



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: 15.23 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BF120205.D

Acq: 24 Apr 2020 16:36

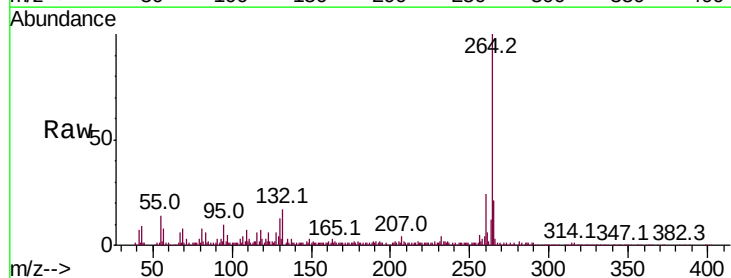
Tgt Ion:264 Resp: 180453

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.4 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

