

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
 Data File : BF119469.D
 Acq On : 20 Mar 2020 13:45
 Operator : CG/JU
 Sample : L1749-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-031920

Quant Time: Mar 20 19:02:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

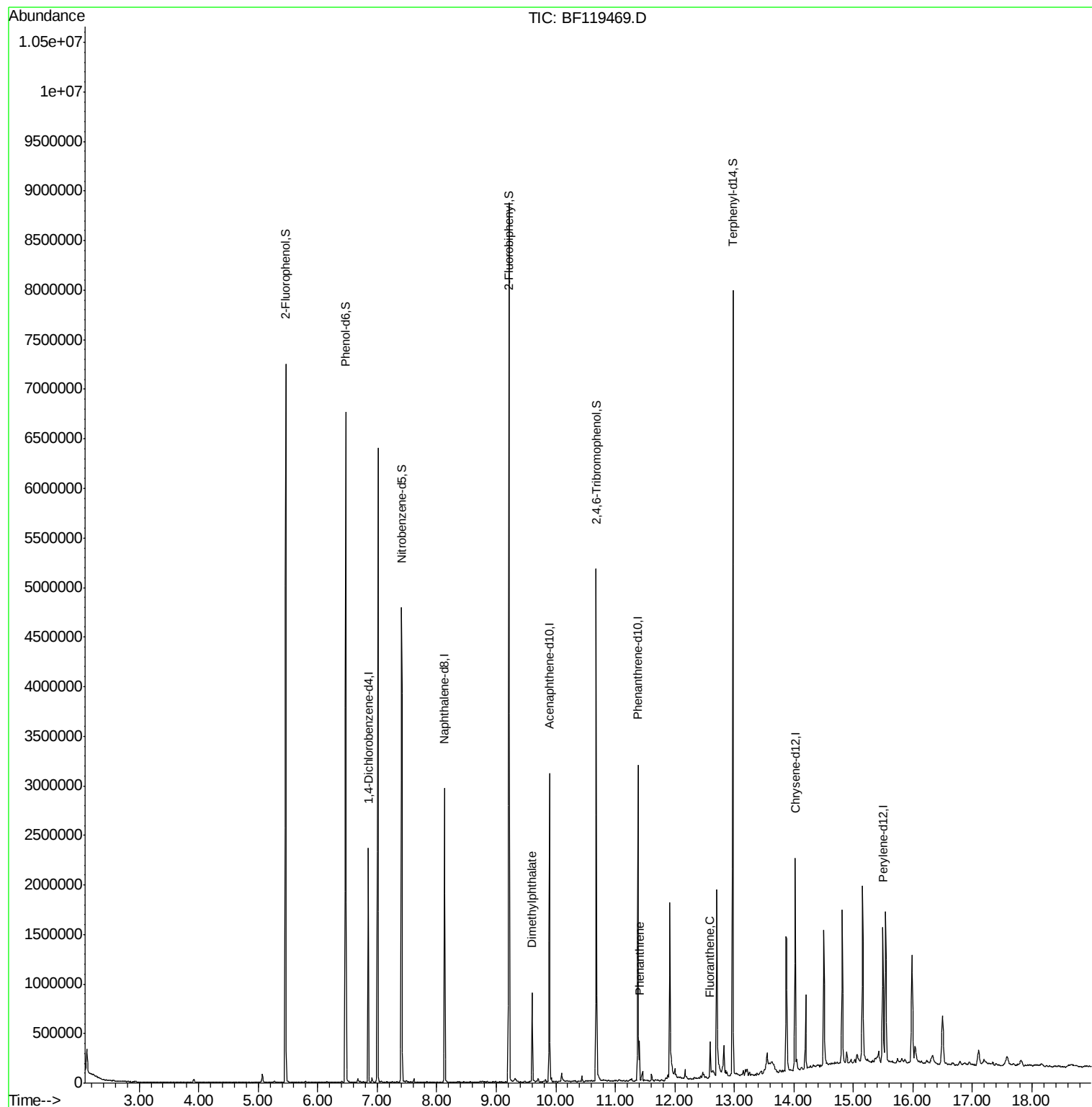
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	315387	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1181212	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	615377	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1151551	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	724774	20.00	ng	-0.01
87) Perylene-d12	15.50	264	646341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1966255	99.25	ng	0.00
7) Phenol-d6	6.47	99	2461825	97.27	ng	0.00
23) Nitrobenzene-d5	7.41	82	1563620	71.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	654481	103.09	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2739445	65.95	ng	0.00
79) Terphenyl-d14	12.97	244	2883530	77.95	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	334654	7.656	ng	99
71) Phenanthrene	11.40	178	125742	2.106	ng	99
75) Fluoranthene	12.59	202	142203	2.201	ng	98

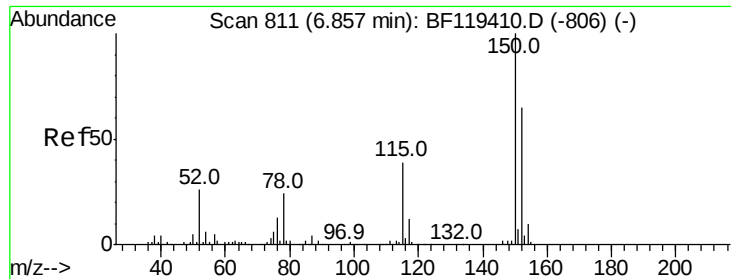
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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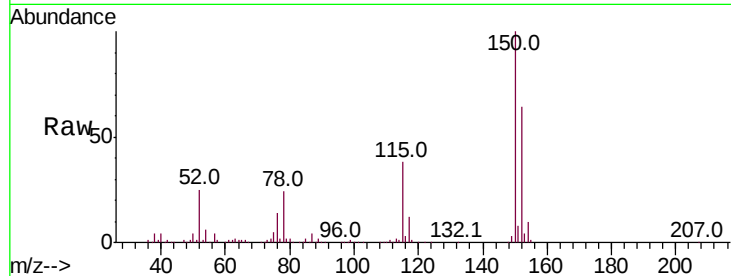


#1

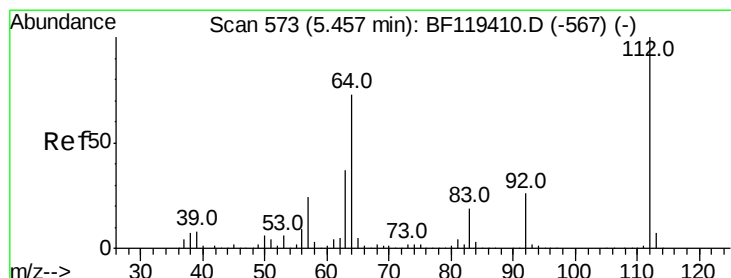
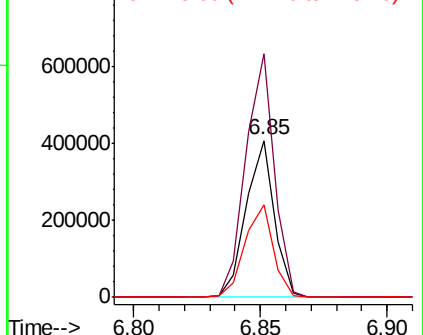
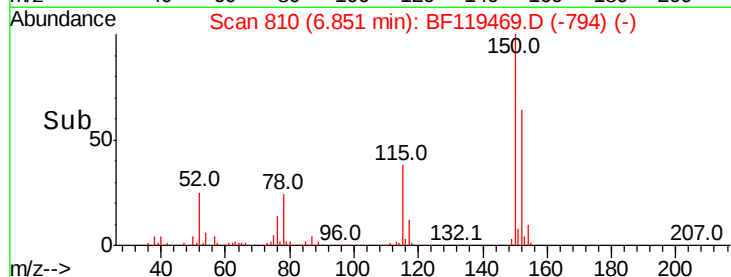
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

Instrument :
BNA_F
ClientSampleId :
BU-02-031920

Tot Ion:152 Resp: 315387
Ion Ratio Lower Upper
152 100
150 155.3 123.9 185.9
115 59.3 47.8 71.6



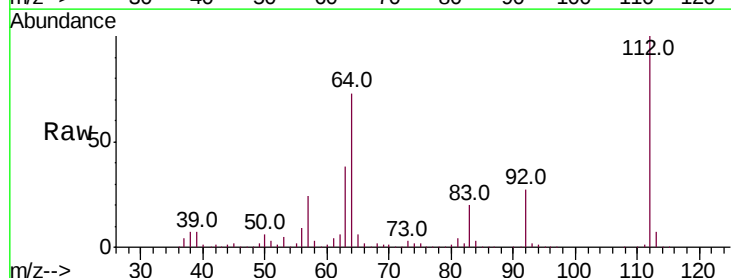
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



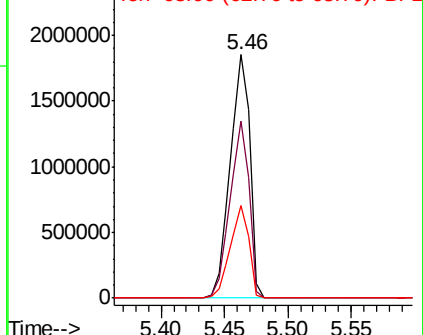
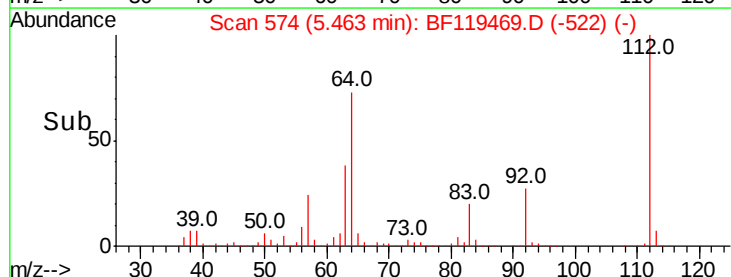
#5

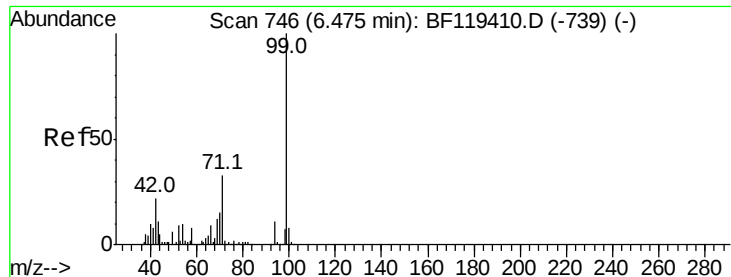
2-Fluorophenol
Concen: 99.246 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

Tgt Ion:112 Resp: 1966255
Ion Ratio Lower Upper
112 100
64 72.9 58.1 87.1
63 38.0 29.7 44.5



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: 97.273 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119469.D

Acq: 20 Mar 2020 13:45

Instrument :

BNA_F

ClientSampleId :

BU-02-031920

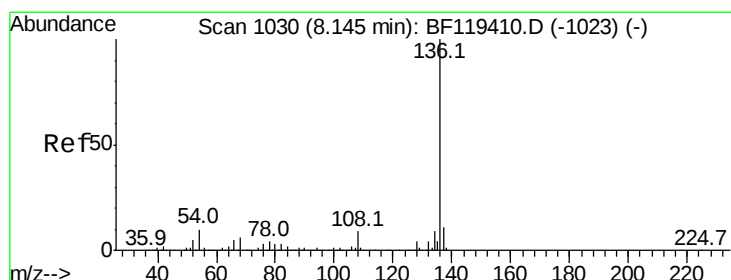
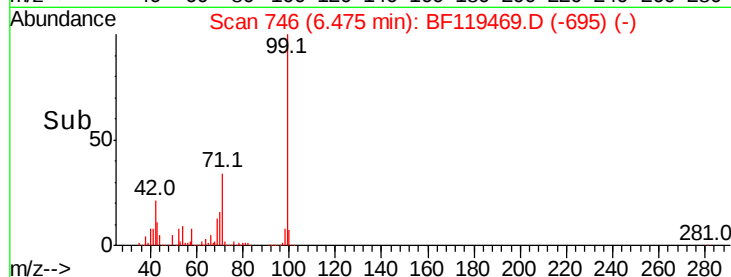
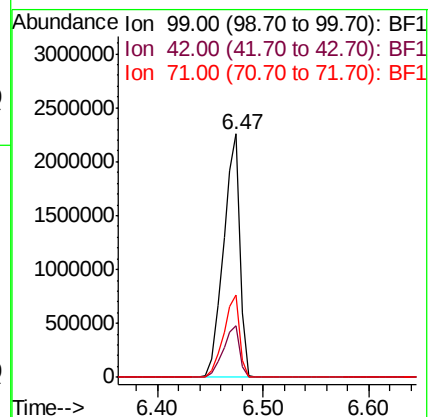
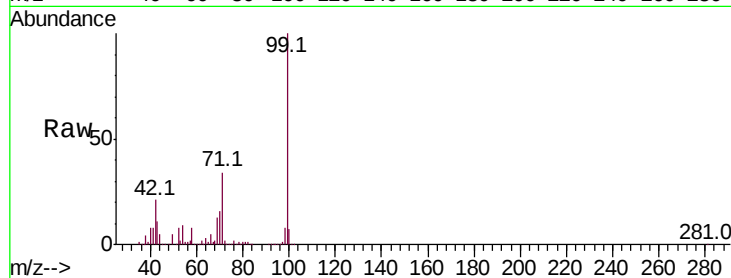
Tot Ion: 99 Resp: 2461825

Ion Ratio Lower Upper

99 100

42 21.4 17.8 26.6

71 33.7 26.0 39.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119469.D

Acq: 20 Mar 2020 13:45

Tgt Ion: 136 Resp: 1181212

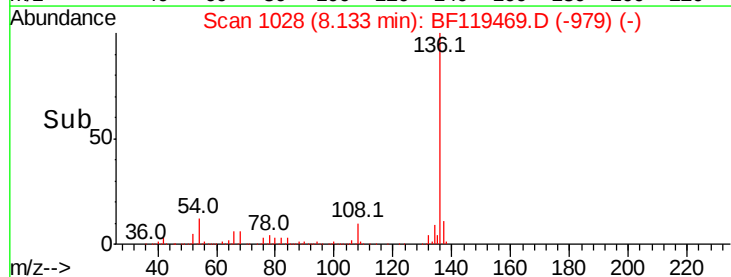
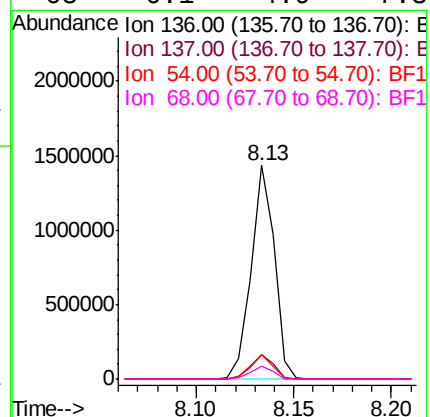
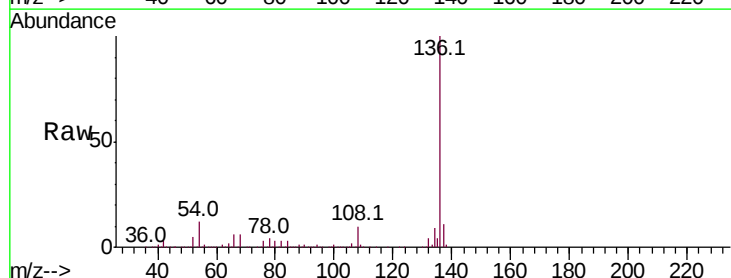
Ion Ratio Lower Upper

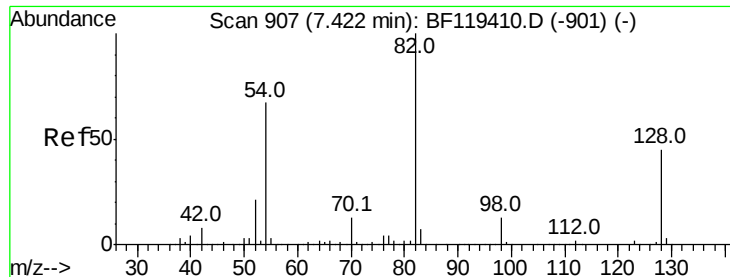
136 100

137 11.3 8.4 12.6

54 11.6 8.3 12.5

68 6.1 4.9 7.3

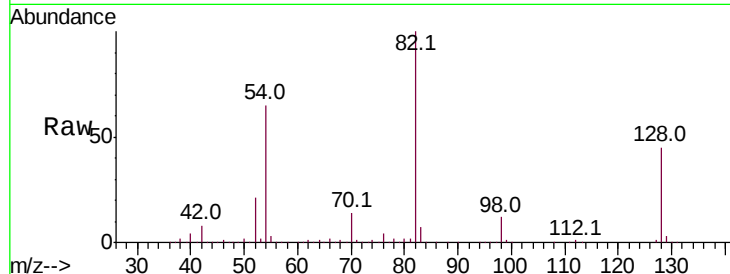




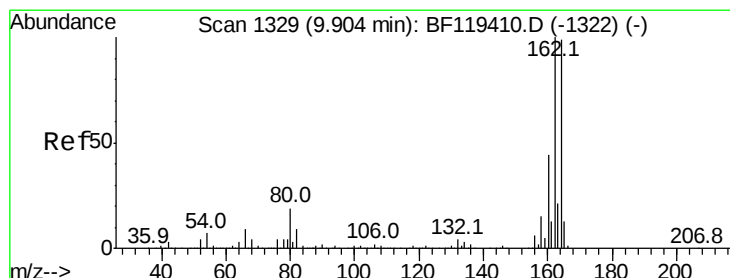
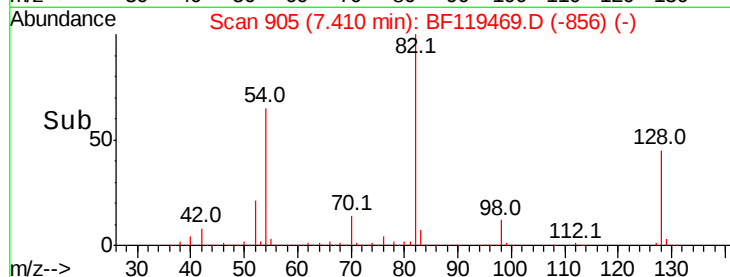
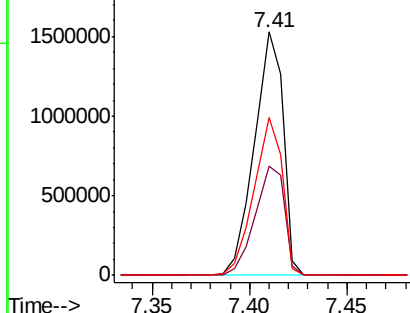
#23
Nitrobenzene-d5
Concen: 71.943 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

Instrument :
BNA_F
ClientSampleId :
BU-02-031920

Tot Ion: 82 Resp: 1563620
Ion Ratio Lower Upper
82 100
128 44.8 35.8 53.8
54 65.1 53.4 80.0

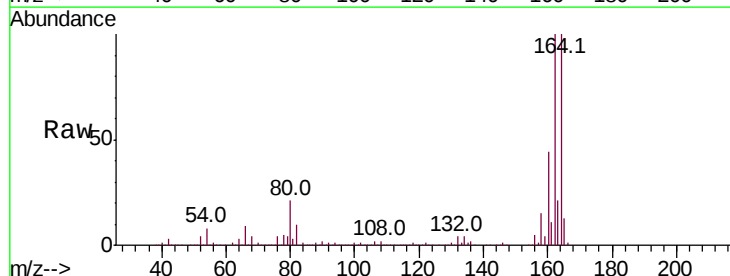


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

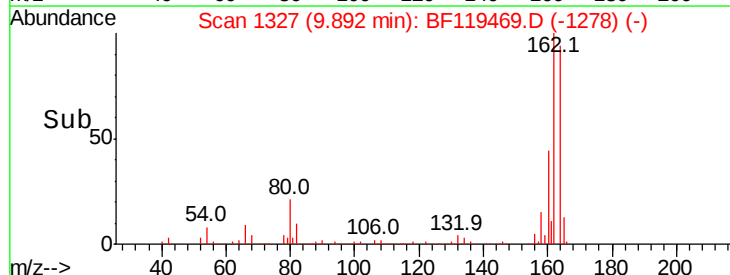
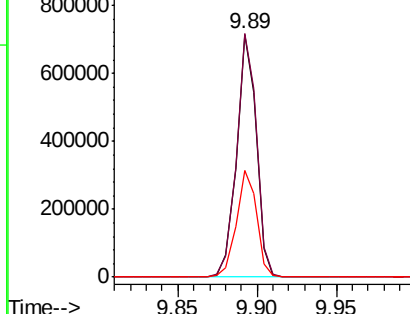


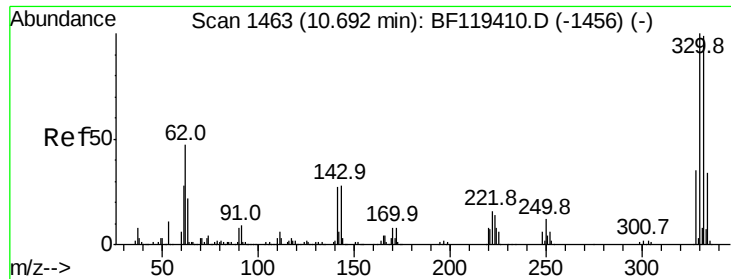
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

Tgt Ion:164 Resp: 615377
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 43.9 35.5 53.3



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

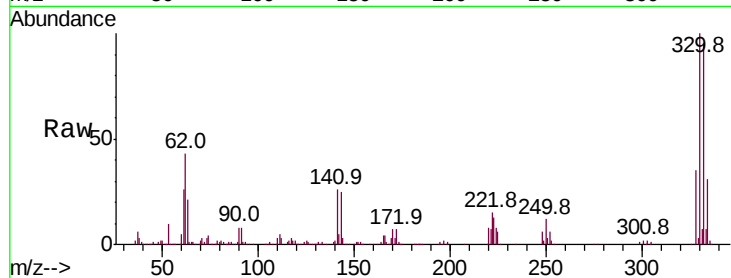




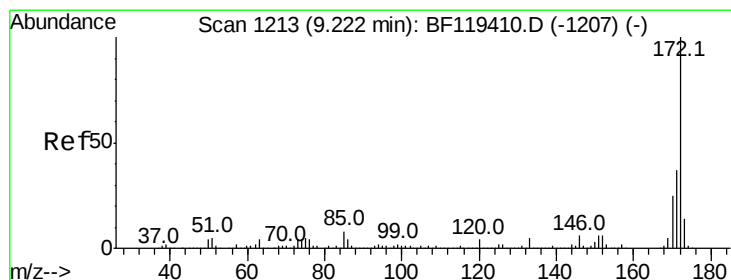
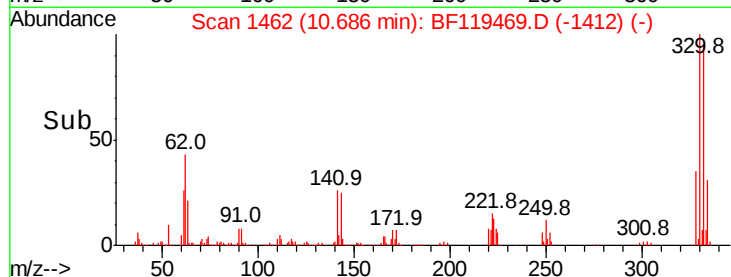
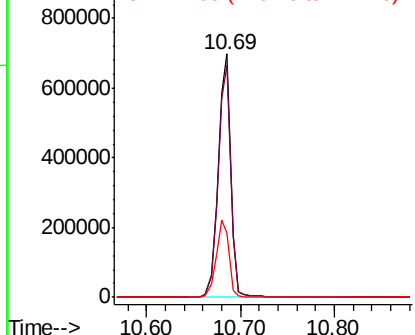
#42
 2,4,6-Tribromophenol
 Concen: 103.090 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119469.D
 Acq: 20 Mar 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-031920

Tot Ion:330 Resp: 654481
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.6 116.4
 141 32.9 26.6 40.0

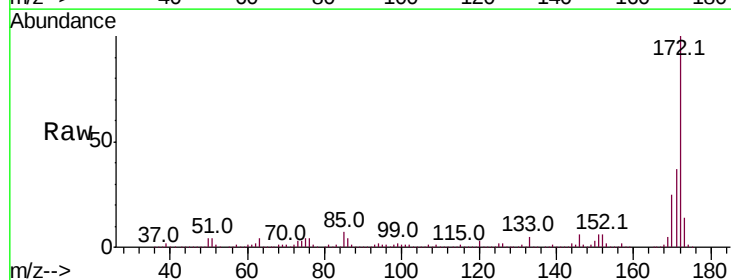


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

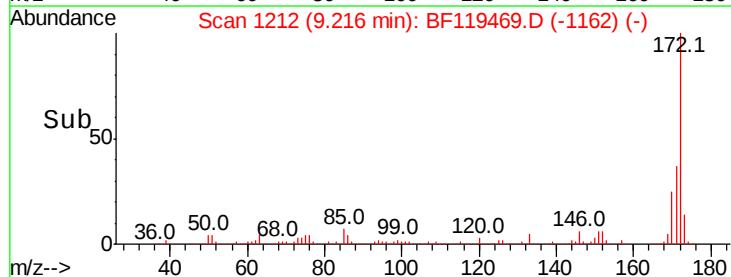
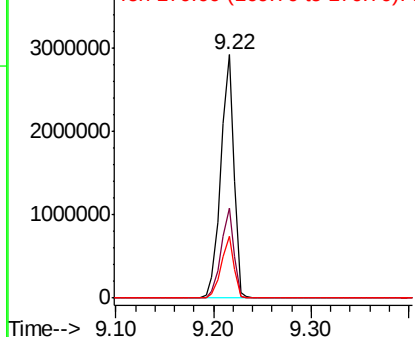


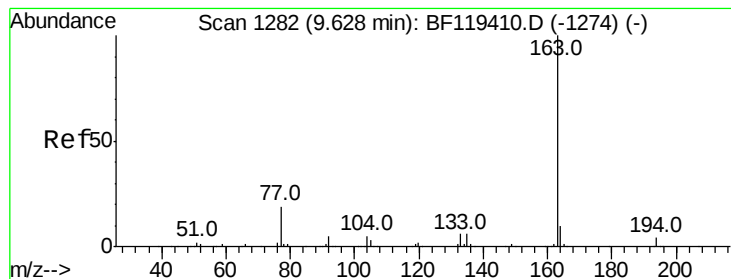
#45
 2-Fluorobiphenyl
 Concen: 65.950 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119469.D
 Acq: 20 Mar 2020 13:45

Tgt Ion:172 Resp: 2739445
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.9 44.9
 170 25.4 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





#50

Dimethylphthalate

Concen: 7.656 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF119469.D

Acq: 20 Mar 2020 13:45

Instrument :

BNA_F

ClientSampleId :

BU-02-031920

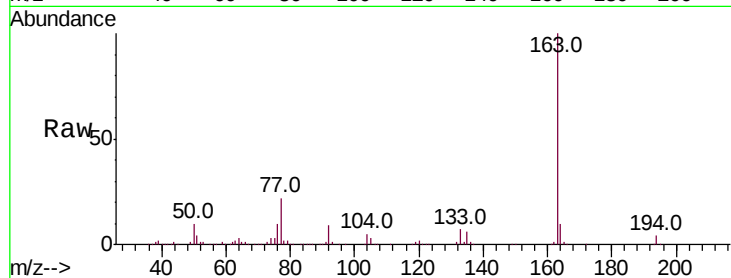
Tot Ion:163 Resp: 334654

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

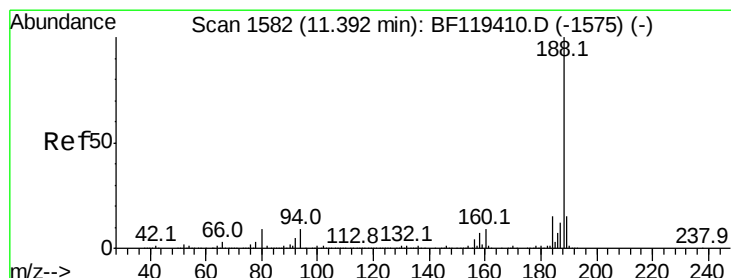
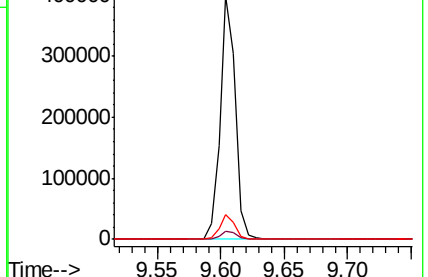
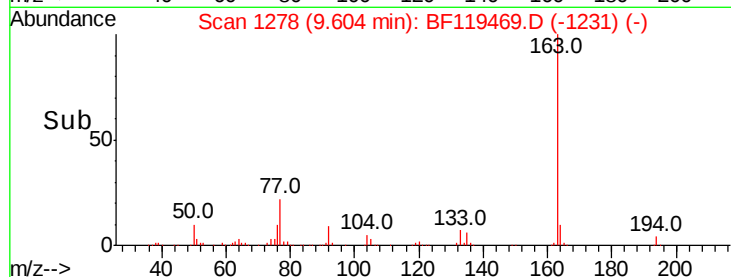
164 10.2 8.1 12.1



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: BF119469.D

Acq: 20 Mar 2020 13:45

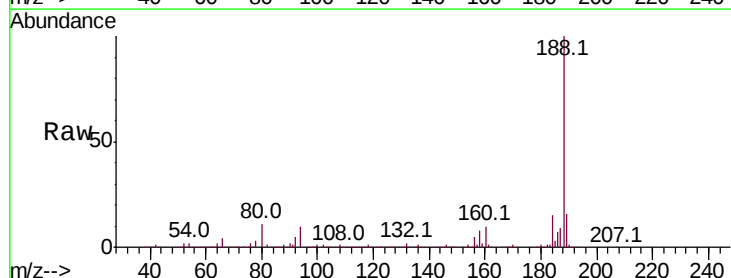
Tgt Ion:188 Resp: 1151551

Ion Ratio Lower Upper

188 100

94 10.2 7.1 10.7

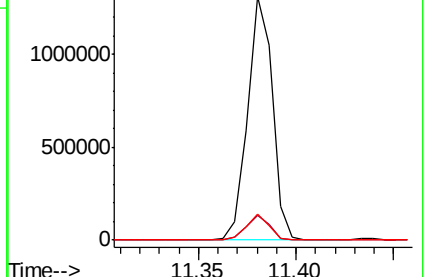
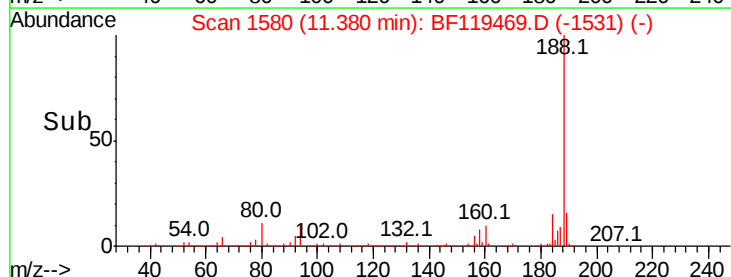
80 10.5 7.5 11.3

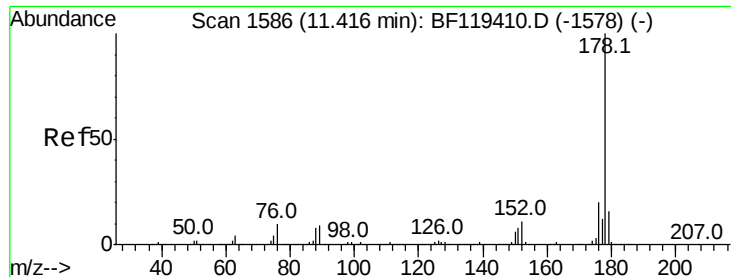


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.106 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119469.D

Acq: 20 Mar 2020 13:45

Instrument :

BNA_F

ClientSampleId :

BU-02-031920

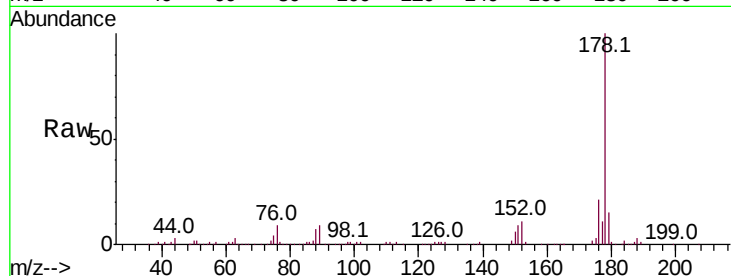
Tot Ion:178 Resp: 125742

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

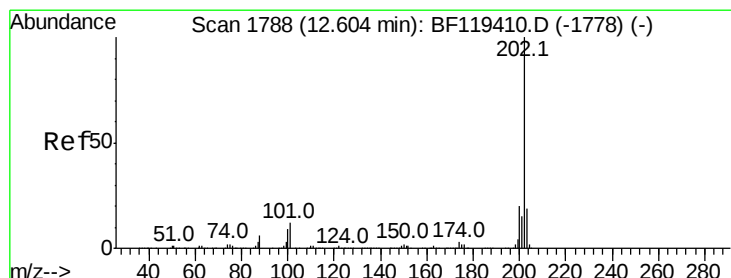
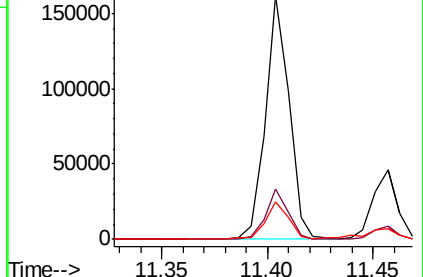
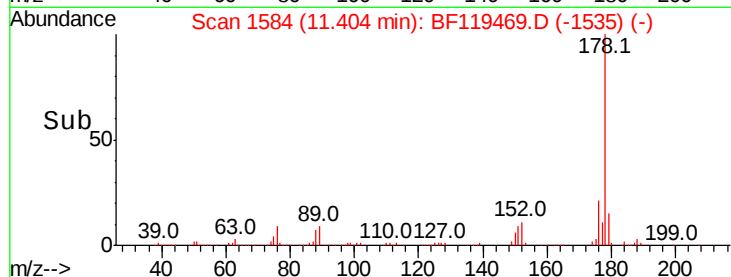
179 15.2 12.9 19.3



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: 2.201 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119469.D

Acq: 20 Mar 2020 13:45

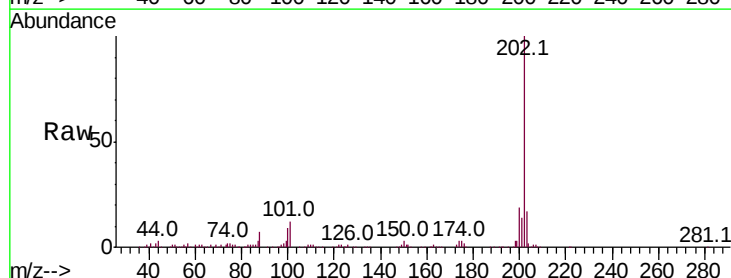
Tgt Ion:202 Resp: 142203

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.4

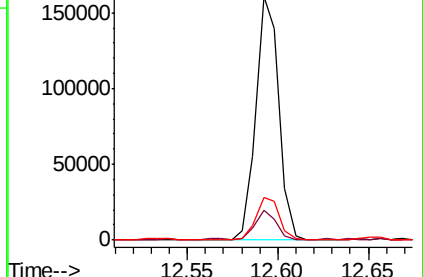
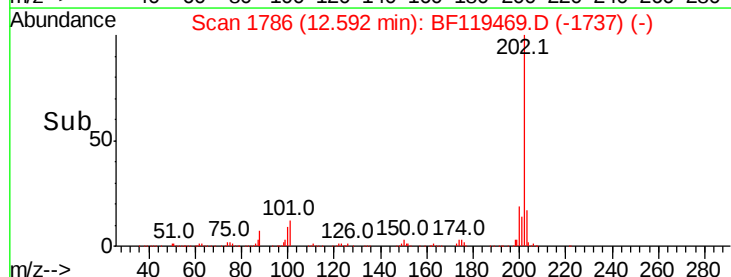
203 17.4 0.0 38.5

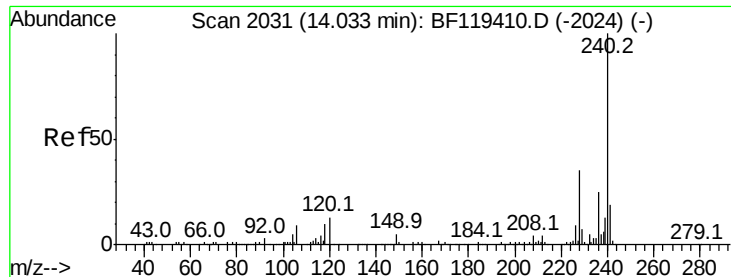


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

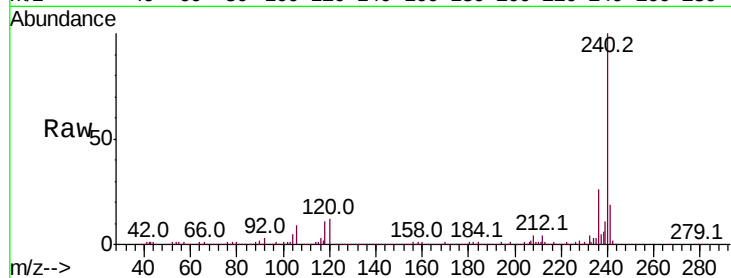




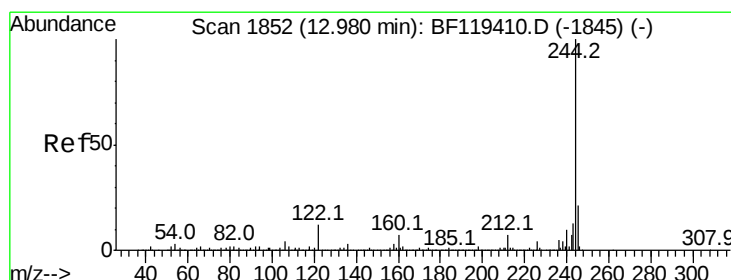
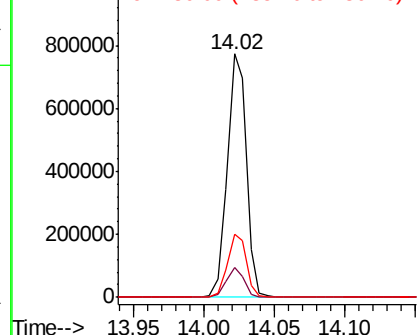
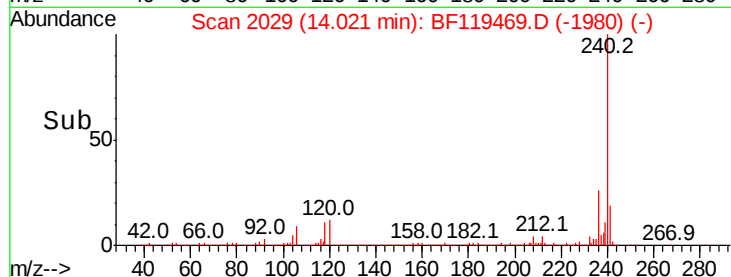
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF119469.D
 Acq: 20 Mar 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-031920

Tot Ion:240 Resp: 724774
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.2 15.4
 236 25.8 20.4 30.6

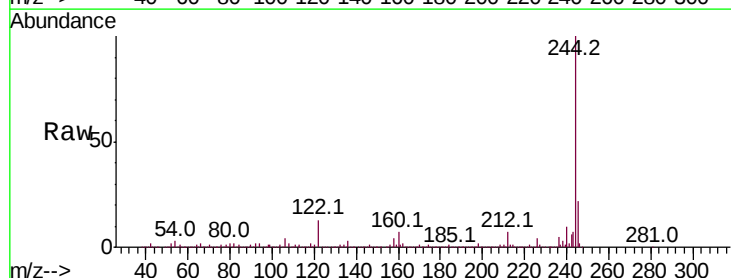


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

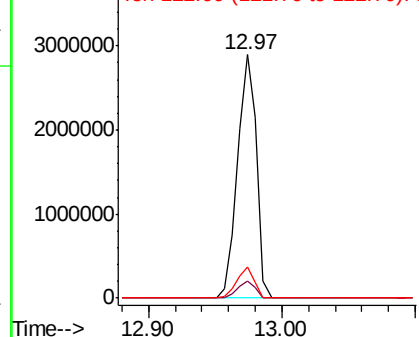
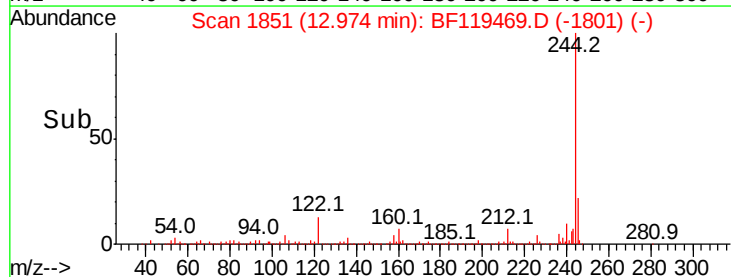


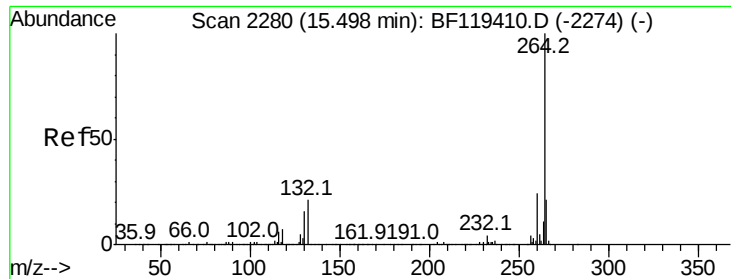
#79
 Terphenyl-d14
 Concen: 77.948 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119469.D
 Acq: 20 Mar 2020 13:45

Tgt Ion:244 Resp: 2883530
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 12.9 9.8 14.8



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: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

Instrument :
BNA_F
ClientSampleId :
BU-02-031920

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	16.9	25.3

