

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 :

Quant Time: Mar 20 18:53:49 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

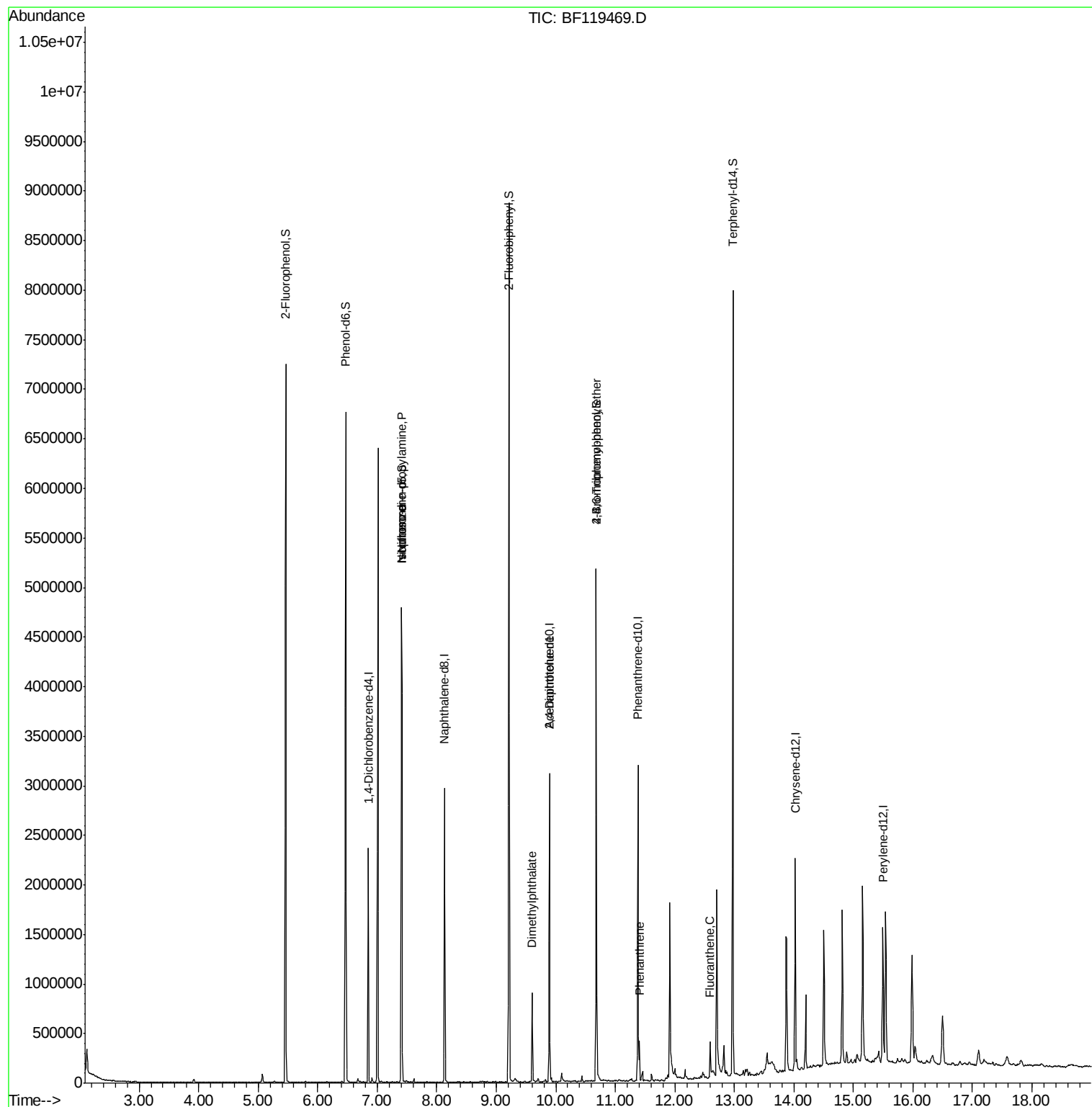
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	315387	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1181212	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	615377	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1151551	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	724774	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						
19) n-Nitroso-di-n-propylamine	7.41	70	208344	13.658	ng	# 75
25) Isophorone	7.41	82	1561780	35.424	ng	# 66
50) Dimethylphthalate	9.60	163	334654	7.656	ng	99
57) 2,4-Dinitrotoluene	9.89	165	80343	6.807	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	39624	3.021	ng	# 1
71) Phenanthrene	11.40	178	125742	2.106	ng	99
75) Fluoranthene	12.59	202	142203	2.201	ng	98

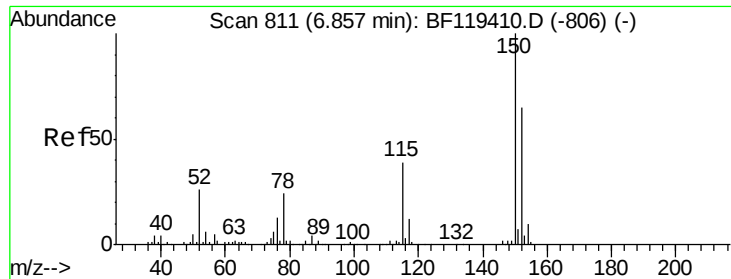
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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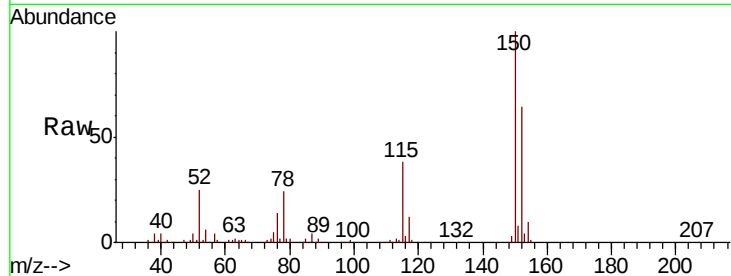


#1

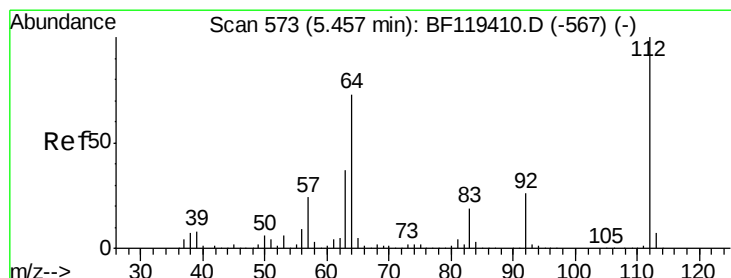
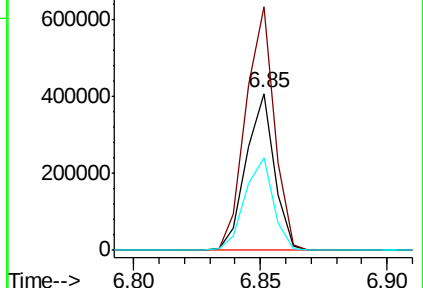
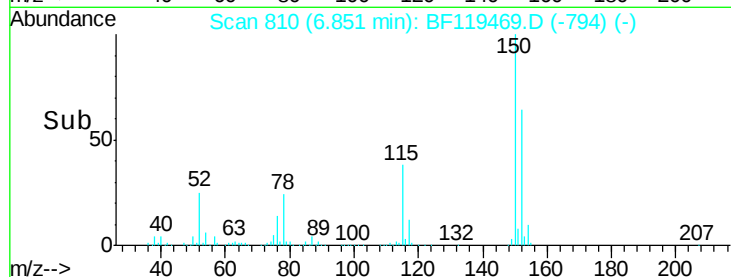
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

Instrument :
BNA_F
ClientSampleId :

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



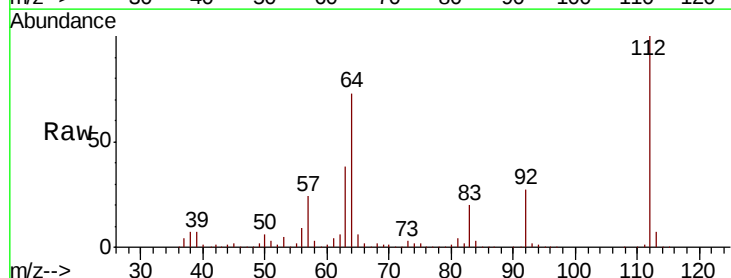
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



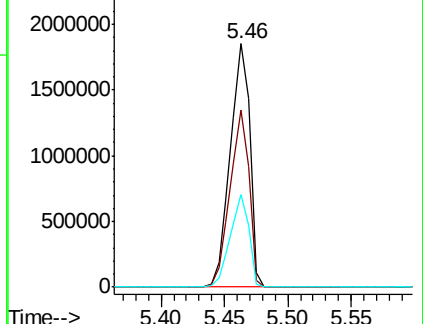
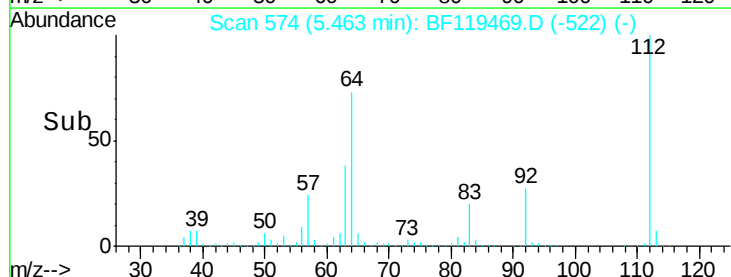
#5

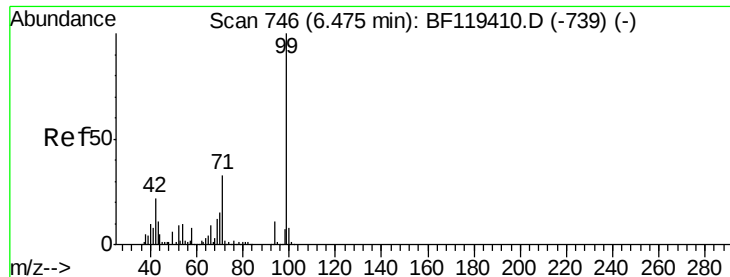
2-Fluorophenol
Concen: 99.246 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

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 :

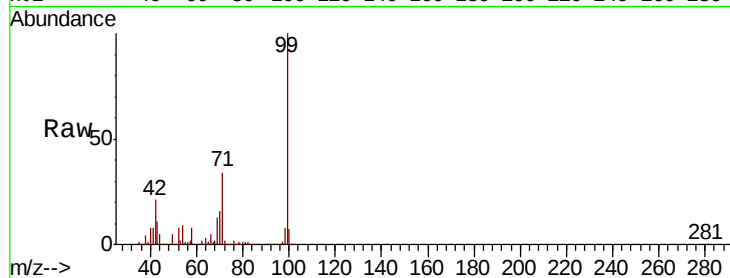
Tot Ion: 99 Resp: 2461825

Ion Ratio Lower Upper

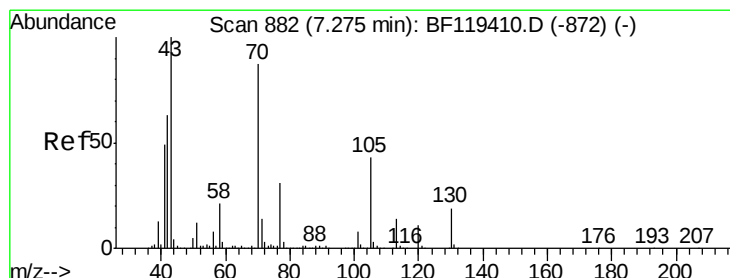
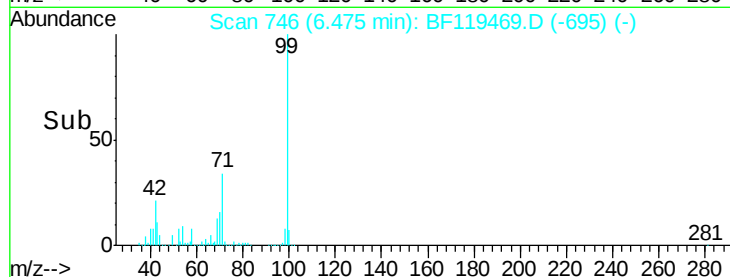
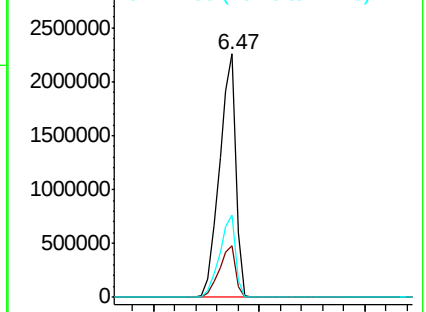
99 100

42 21.4 17.8 26.6

71 33.7 26.0 39.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.658 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119469.D

Acq: 20 Mar 2020 13:45

Tgt Ion: 70 Resp: 208344

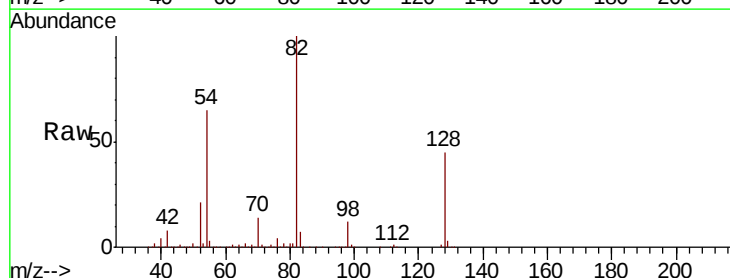
Ion Ratio Lower Upper

70 100

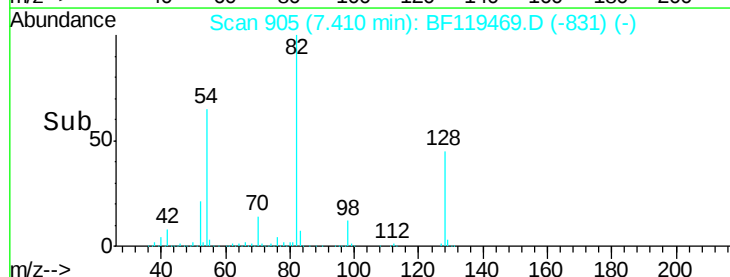
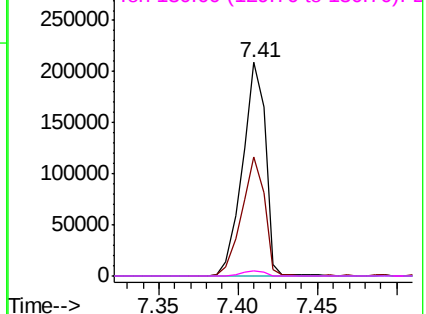
42 56.0 58.2 87.4#

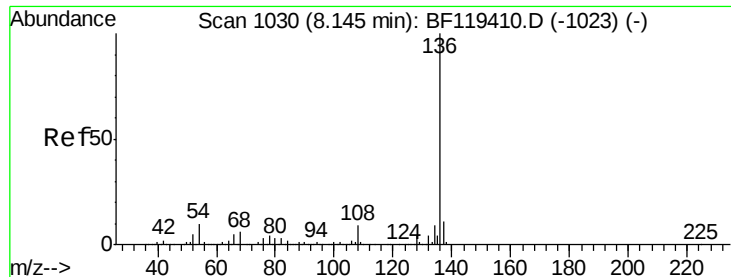
101 0.0 7.4 11.2#

130 2.3 17.8 26.8#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

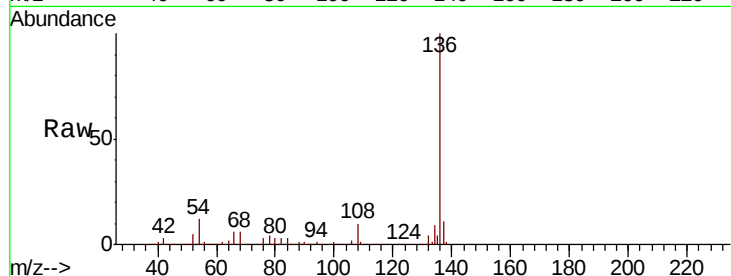




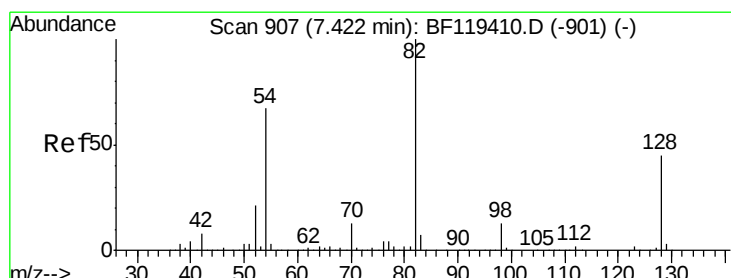
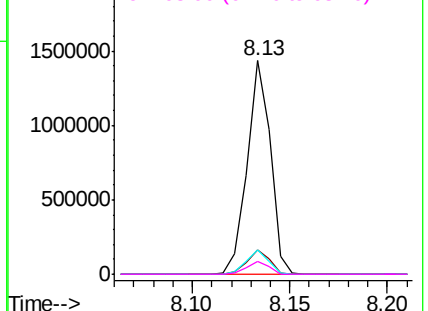
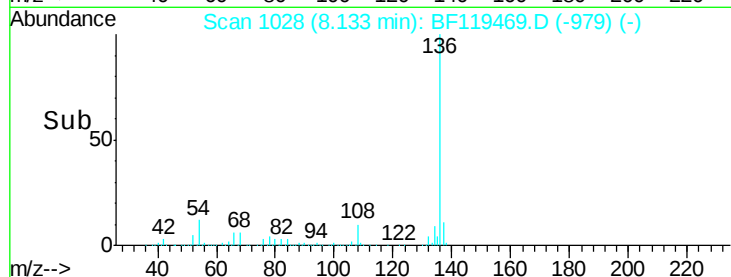
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

Instrument :
BNA_F
ClientSampleId :

Tot 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

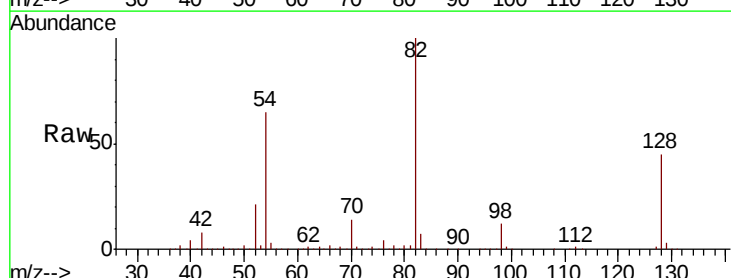


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

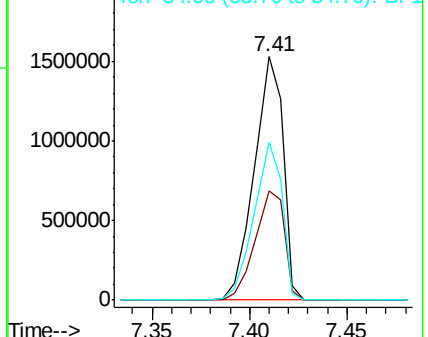
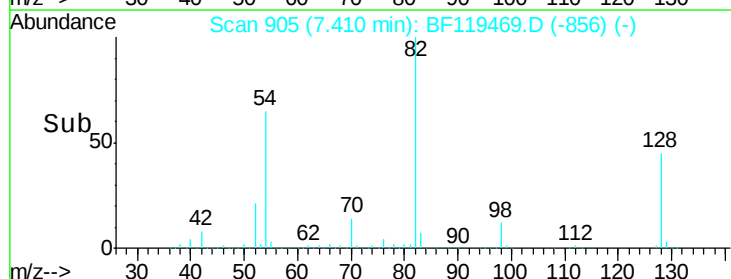


#23
Nitrobenzene-d5
Concen: 71.943 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

Tgt 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





#25

Isophorone

Concen: 35.424 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119469.D

Acq: 20 Mar 2020 13:45

Instrument :

BNA_F

ClientSampleId :

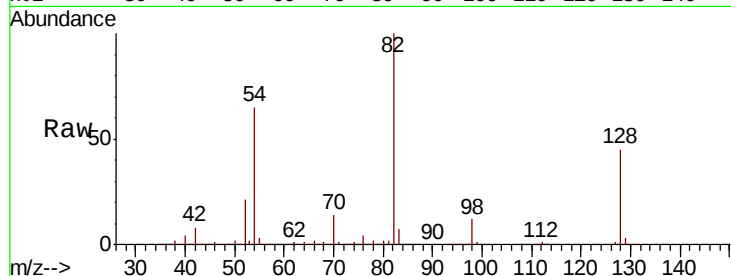
Tot Ion: 82 Resp: 1561780

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

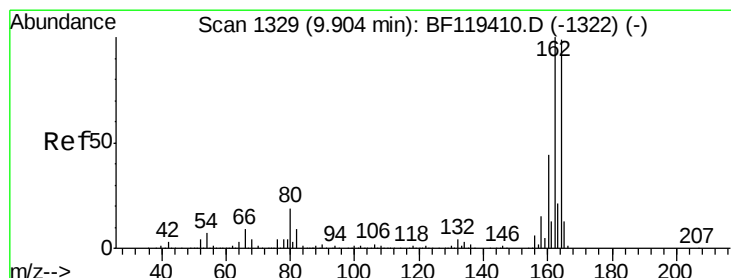
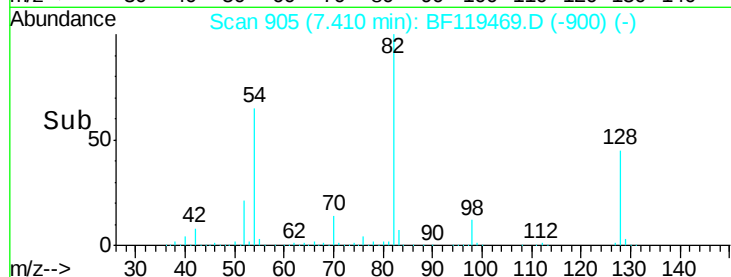
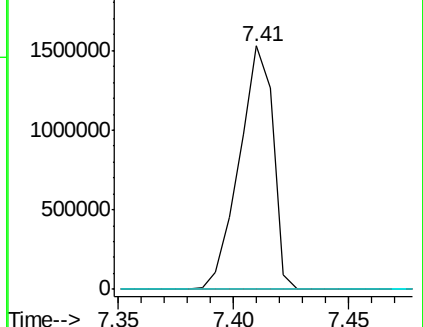
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): 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

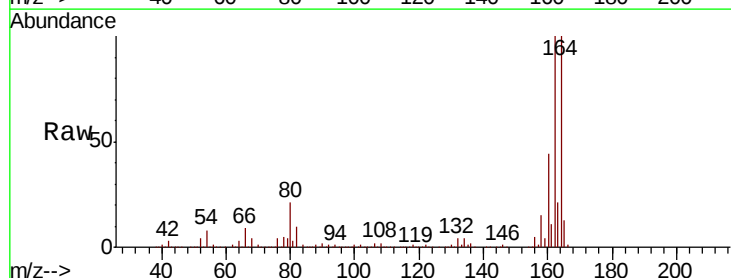
Tgt Ion:164 Resp: 615377

Ion Ratio Lower Upper

164 100

162 100.3 80.7 121.1

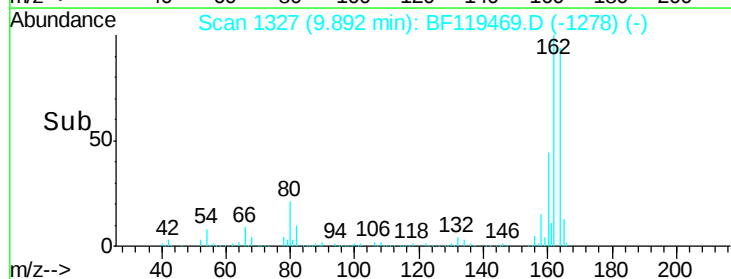
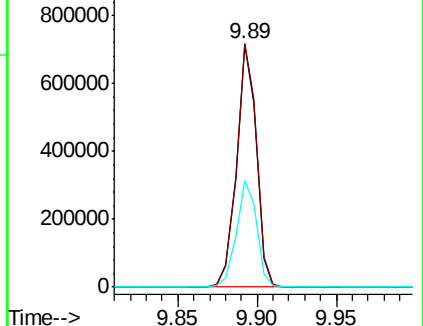
160 43.9 35.5 53.3

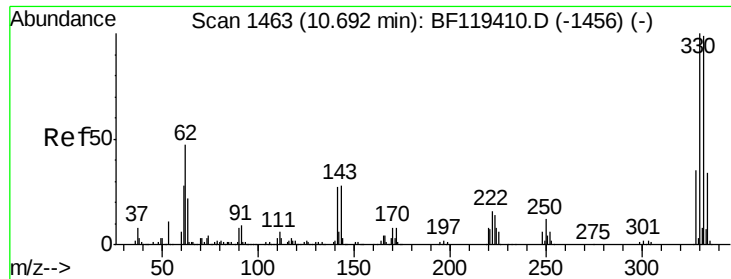


Abundance Ion 164.00 (163.70 to 164.70): E

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

ClientSampled :

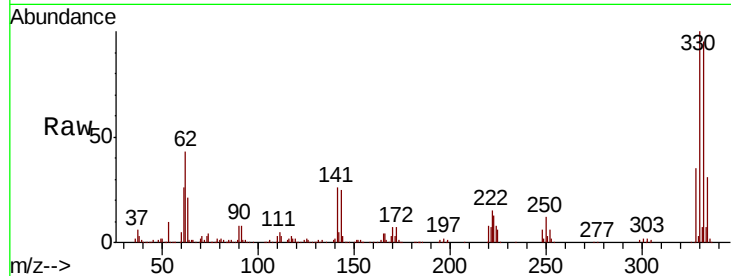
Tot Ion:330 Resp: 654481

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

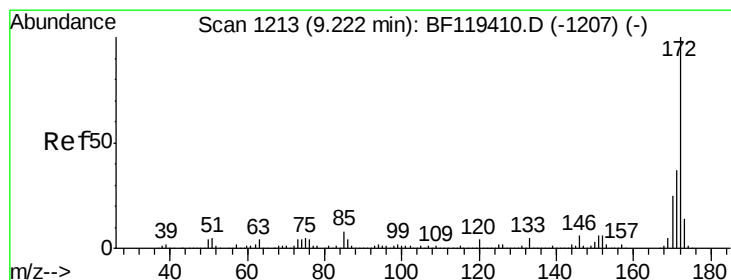
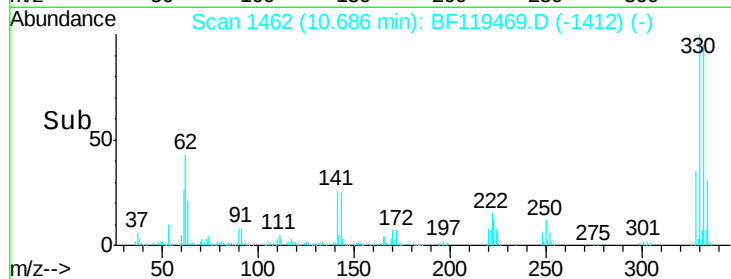
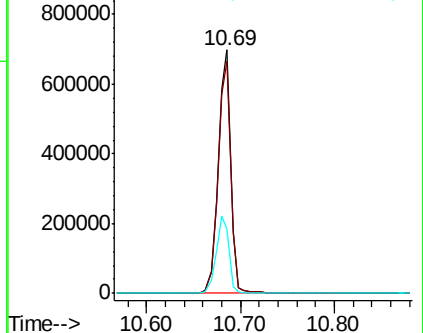
141 32.9 26.6 40.0



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

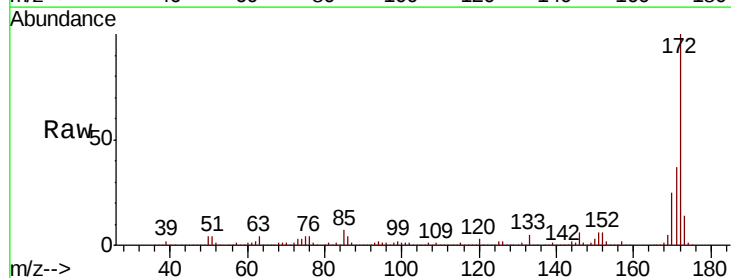
Tgt Ion:172 Resp: 2739445

Ion Ratio Lower Upper

172 100

171 37.0 29.9 44.9

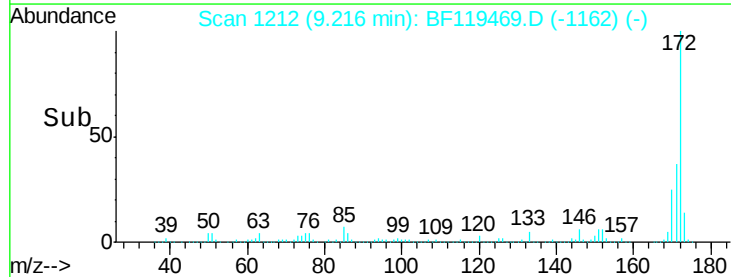
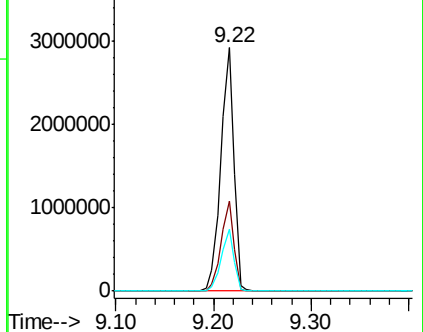
170 25.4 20.1 30.1

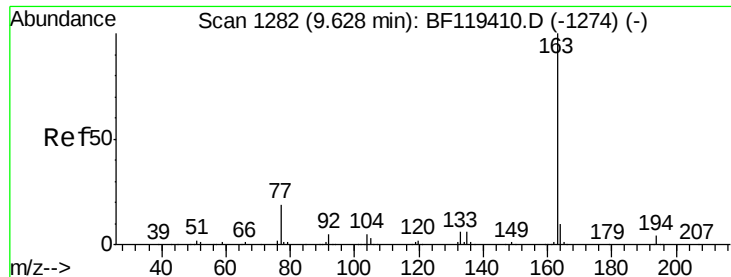


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

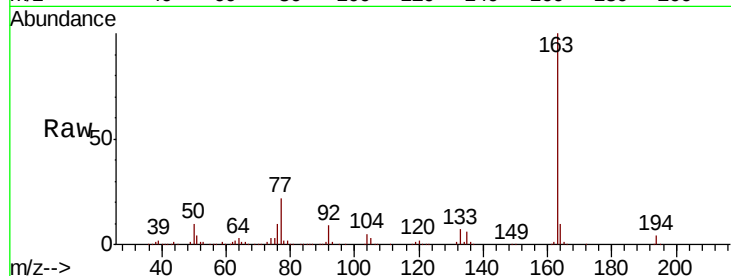




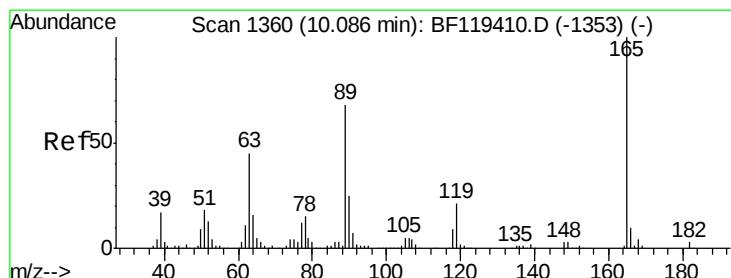
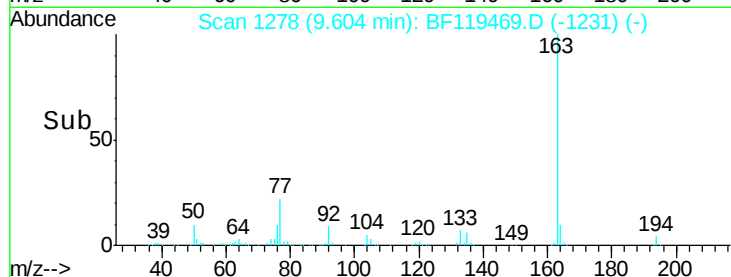
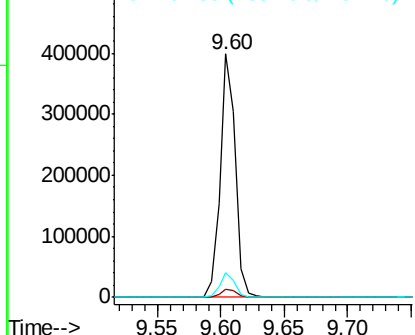
#50
Dimethylphthalate
Concen: 7.656 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

Instrument :
BNA_F
ClientSampled :

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

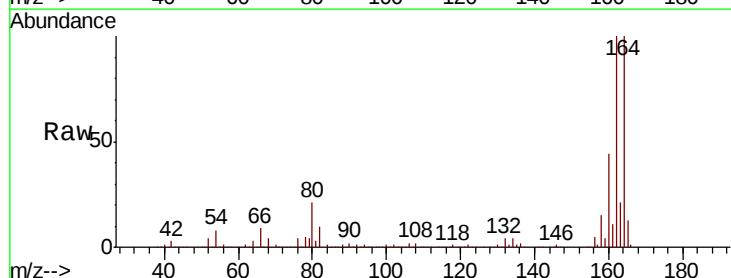


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

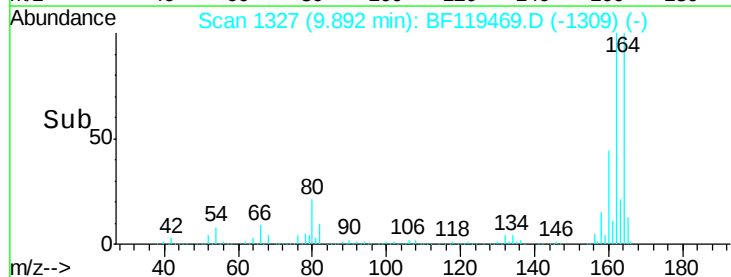
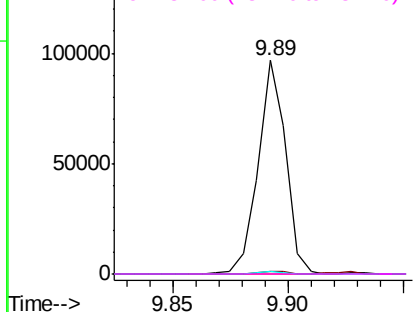


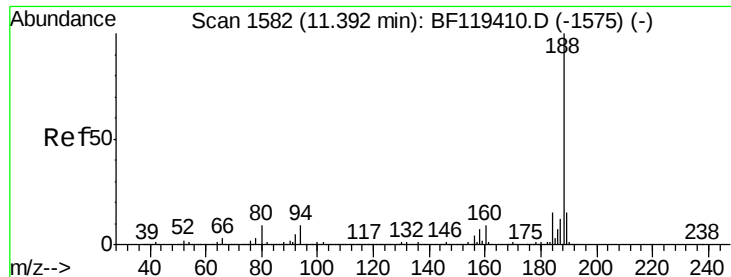
#57
2,4-Dinitrotoluene
Concen: 6.807 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

Tgt Ion:165 Resp: 80343
Ion Ratio Lower Upper
165 100
63 1.3 36.2 54.4#
89 1.2 54.3 81.5#
182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): 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

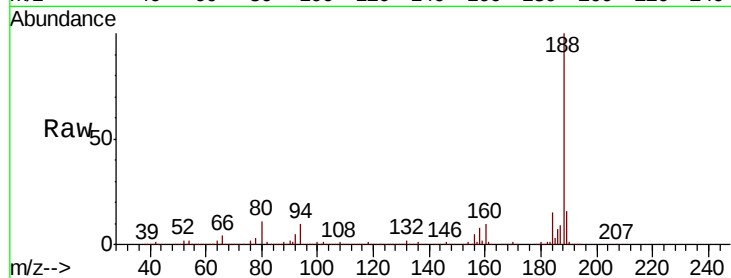
Instrument :

BNA_F

ClientSampleId :

Tot Ion:188 Resp: 1151551

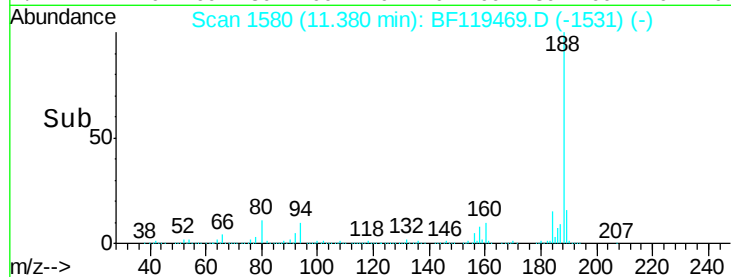
Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.1	10.7
80	10.5	7.5	11.3



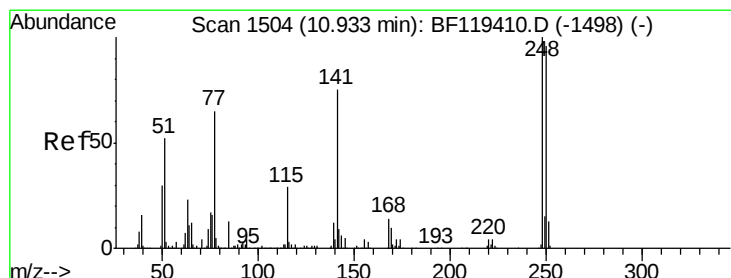
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.021 ng

RT: 10.69 min Scan# 1462

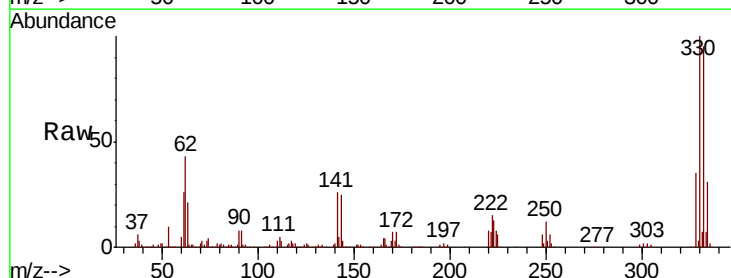
Delta R.T. -0.25 min

Lab File: BF119469.D

Acq: 20 Mar 2020 13:45

Tgt Ion:248 Resp: 39624

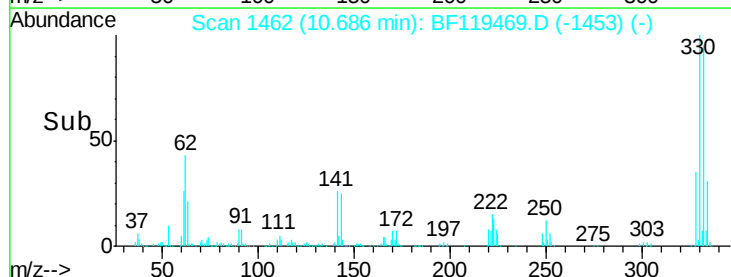
Ion	Ratio	Lower	Upper
248	100		
250	203.4	77.0	115.6#
141	454.0	59.7	89.5#



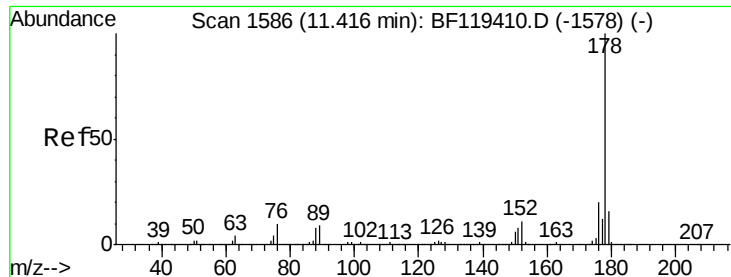
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



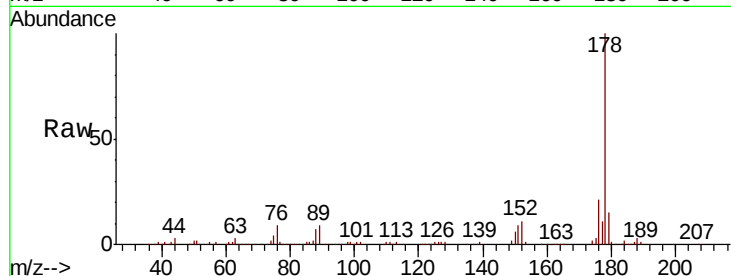
Time-->



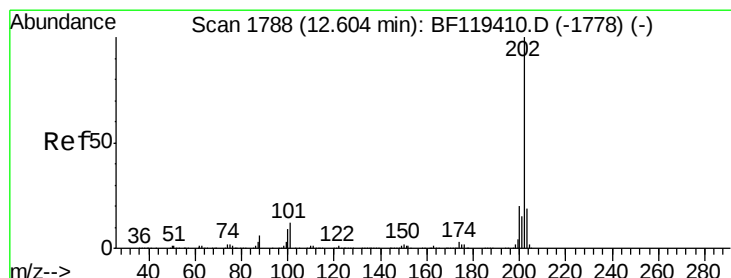
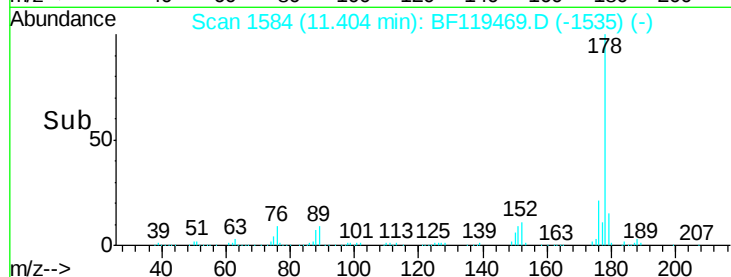
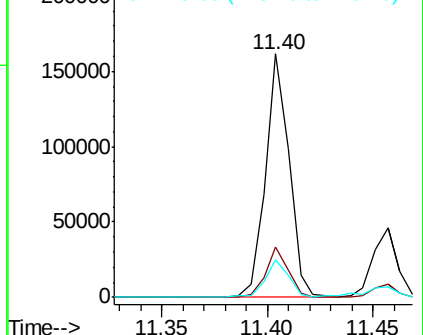
#71
Phenanthrene
Concen: 2.106 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

Instrument :
BNA_F
ClientSampleId :

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

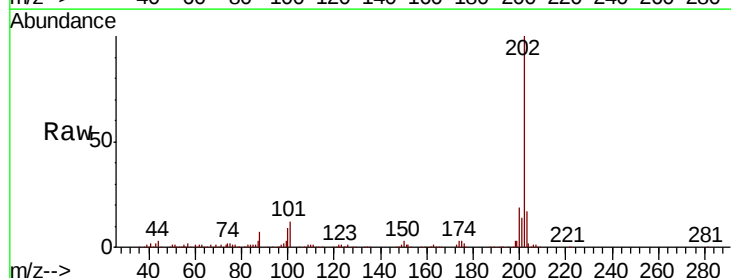


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

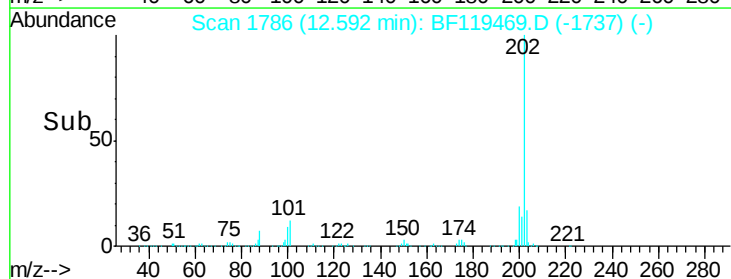
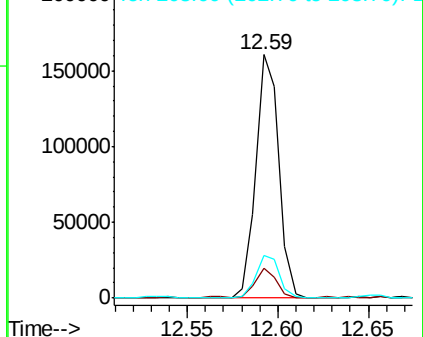


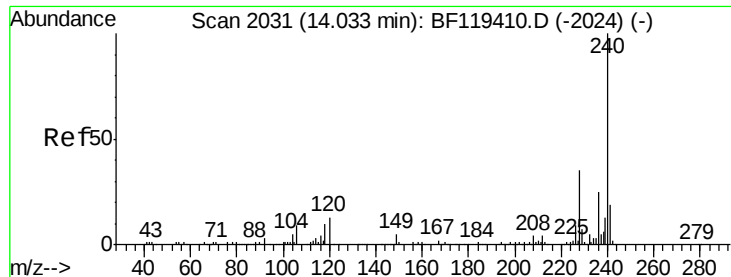
#75
Fluoranthene
Concen: 2.201 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF119469.D
Acq: 20 Mar 2020 13:45

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

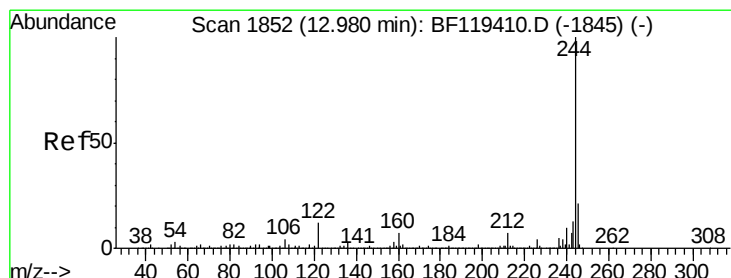
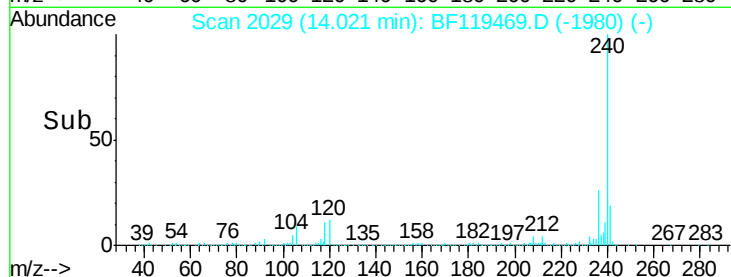
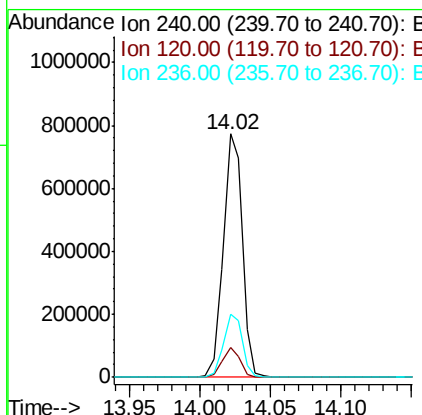
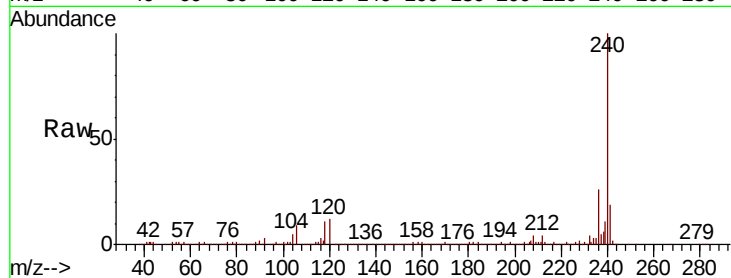




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF119469.D
 Acq: 20 Mar 2020 13:45

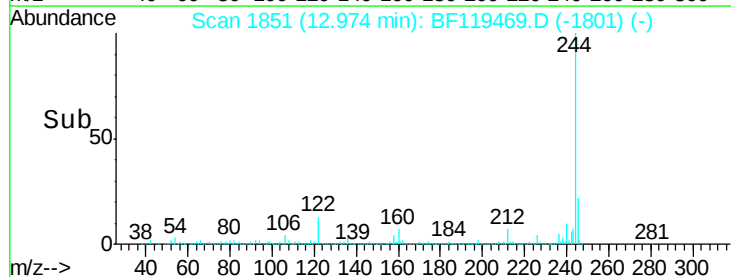
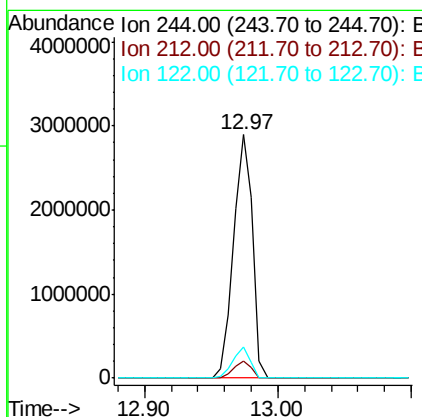
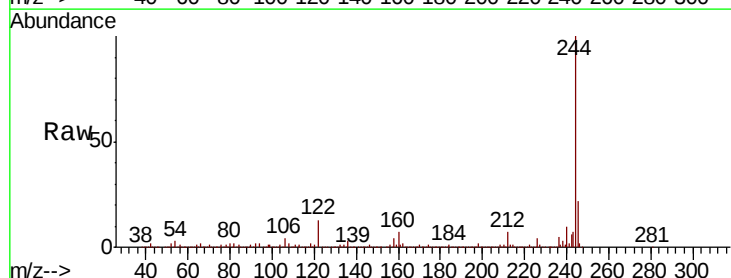
Instrument :
 BNA_F
 ClientSampleId :

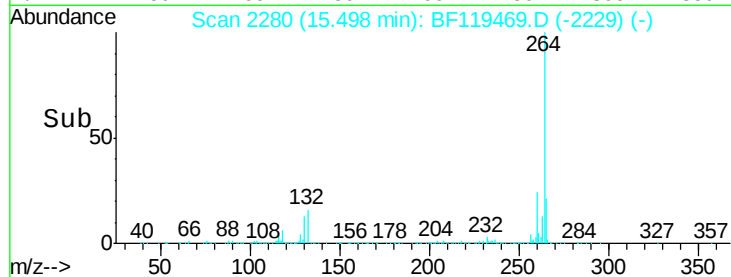
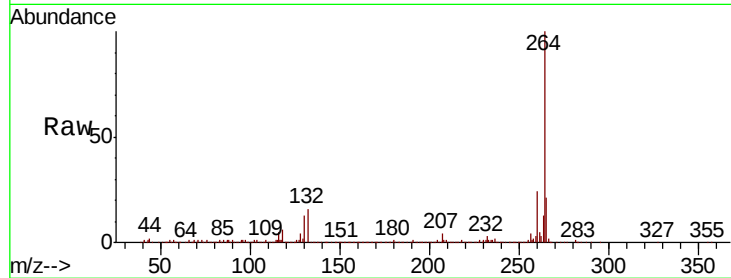
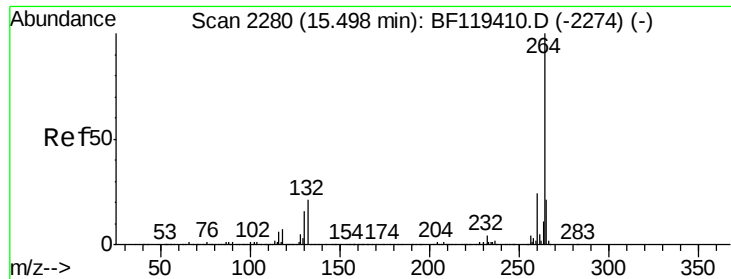
Tot Ion:240 Resp: 724774
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.2 15.4
 236 25.8 20.4 30.6



#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





#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 :

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

