

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119907.D
 Acq On : 10 Apr 2020 20:54
 Operator : MA/SJ
 Sample : L2205-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 01:27:26 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 10 13:48:19 2020
 Response via : Initial Calibration

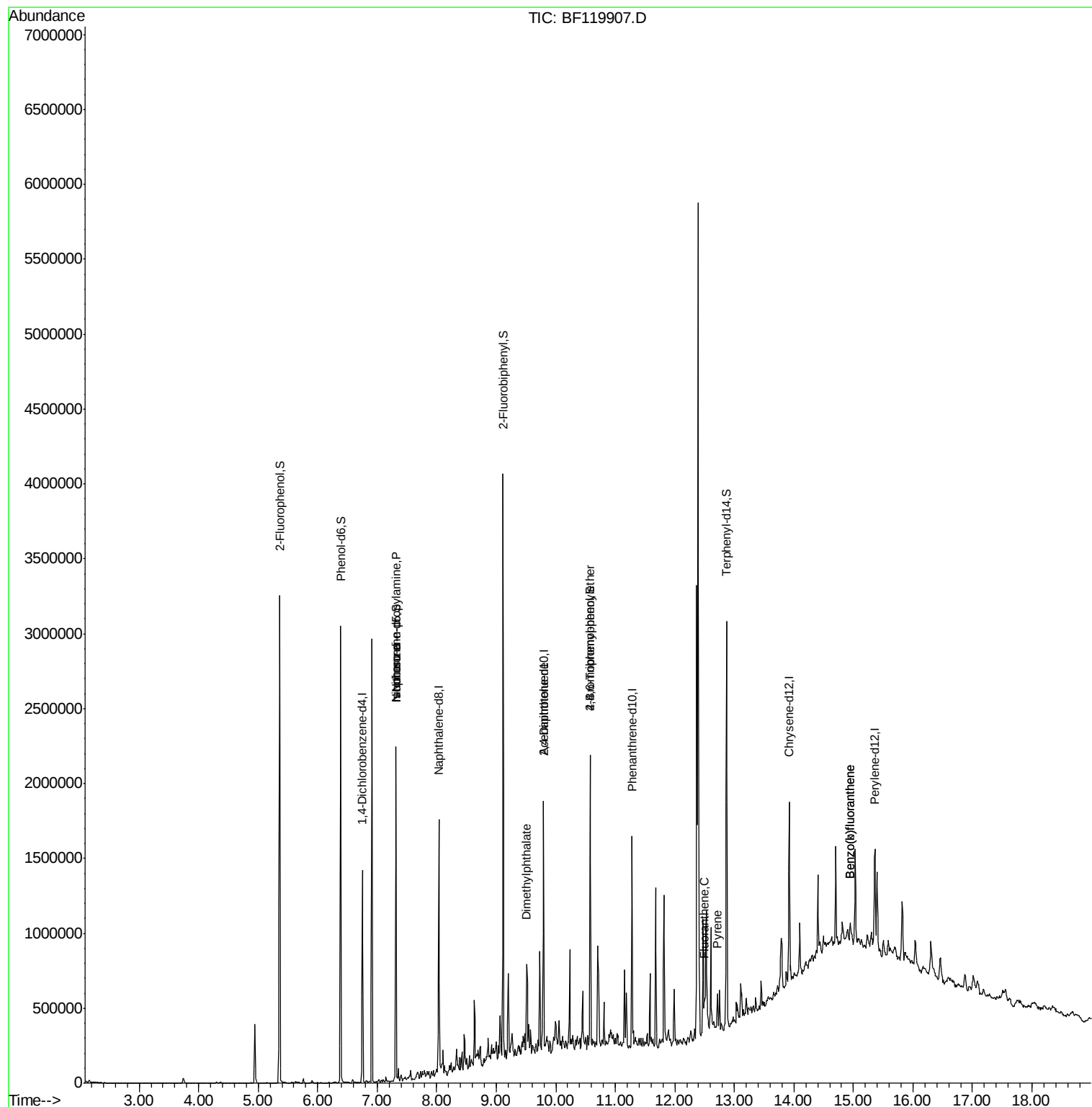
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	191473	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	698694	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	312693	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	499593	20.00	ng	0.00
76) Chrysene-d12	13.92	240	378327	20.00	ng	0.00
87) Perylene-d12	15.36	264	329755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	822877	74.27	ng	0.00
7) Phenol-d6	6.39	99	1029206	72.09	ng	0.00
23) Nitrobenzene-d5	7.32	82	620943	45.98	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	215771	56.36	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1104504	50.15	ng	0.00
79) Terphenyl-d14	12.87	244	934568	41.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	719	Below Cal		Qvalue # 69
19) n-Nitroso-di-n-propylamine	7.32	70	84331	9.186 ng	#	73
25) Isophorone	7.32	82	616861	23.694 ng	#	65
50) Dimethylphthalate	9.51	163	142309	5.884 ng		99
57) 2,4-Dinitrotoluene	9.79	165	41918	6.007 ng	#	23
67) 4-Bromophenyl-phenylether	10.58	248	13825	2.225 ng	#	1
75) Fluoranthene	12.49	202	74835	2.608 ng		99
78) Pyrene	12.72	202	84853	2.660 ng		98
88) Benzo(b)fluoranthene	14.94	252	73264	3.088 ng	#	71
89) Benzo(k)fluoranthene	14.94	252	73264	3.580 ng	#	71

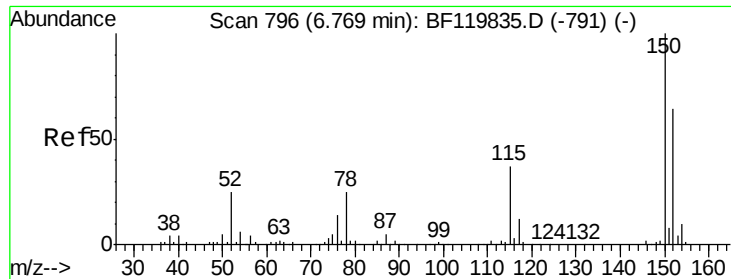
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119907.D
Acq On : 10 Apr 2020 20:54
Operator : MA/SJ
Sample : L2205-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 11 01:27:26 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 10 13:48:19 2020
Response via : Initial Calibration



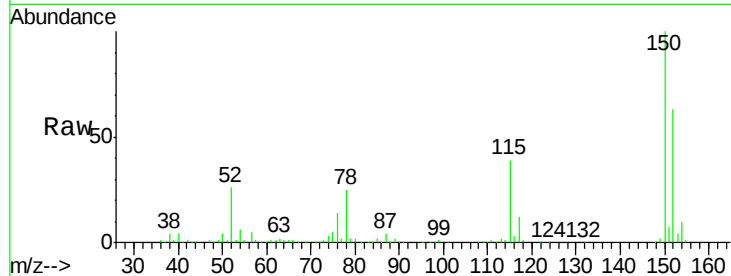


#1

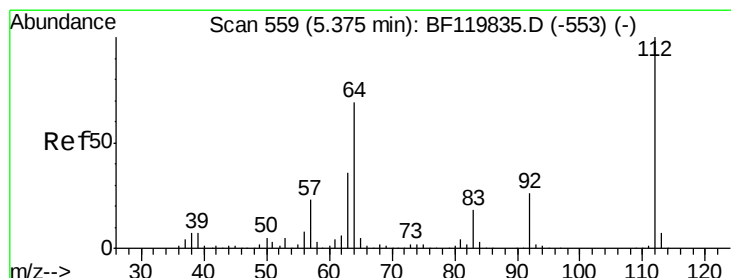
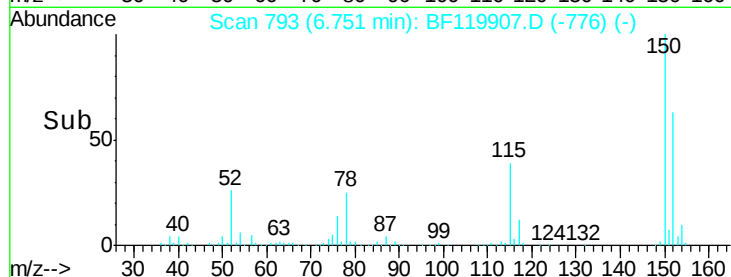
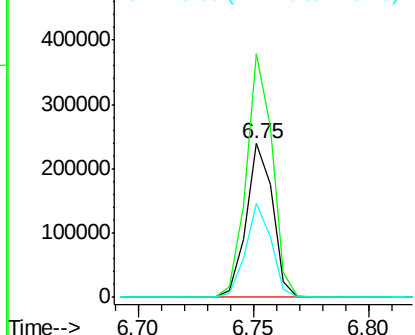
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 191473
Ion Ratio Lower Upper
152 100
150 158.3 124.8 187.2
115 61.4 46.5 69.7



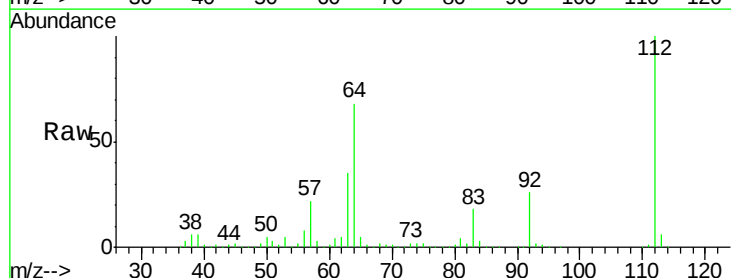
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



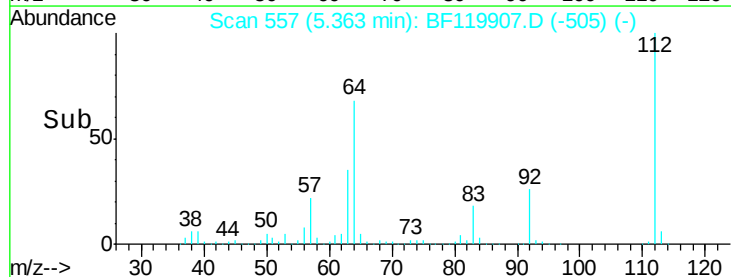
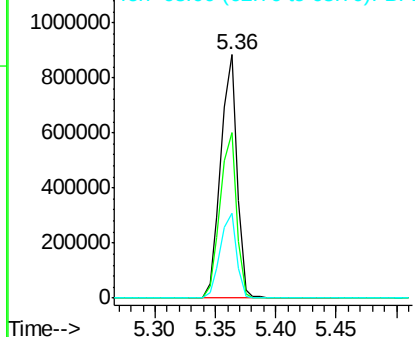
#5

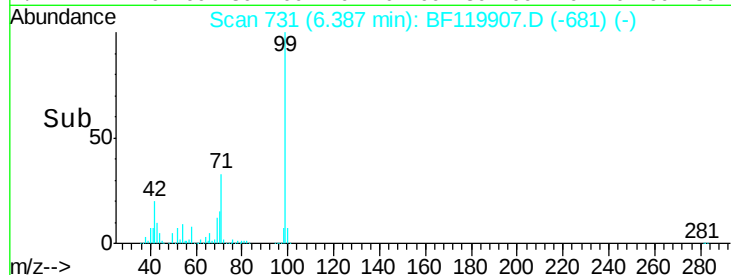
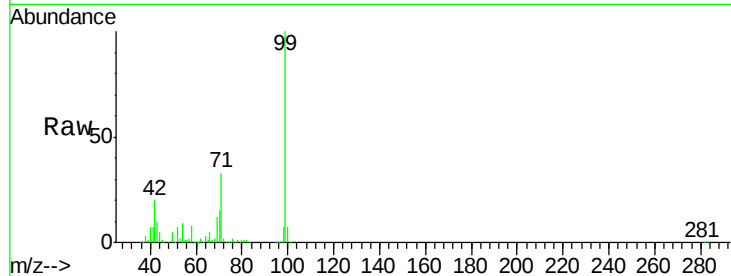
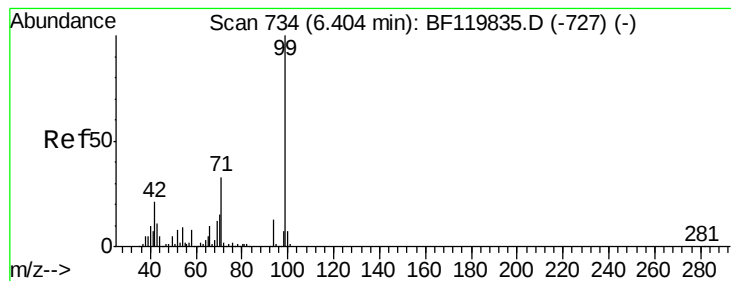
2-Fluorophenol
Concen: 74.271 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Tgt Ion:112 Resp: 822877
Ion Ratio Lower Upper
112 100
64 68.1 55.5 83.3
63 34.7 29.1 43.7



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: 72.091 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119907.D

Acq: 10 Apr 2020 20:54

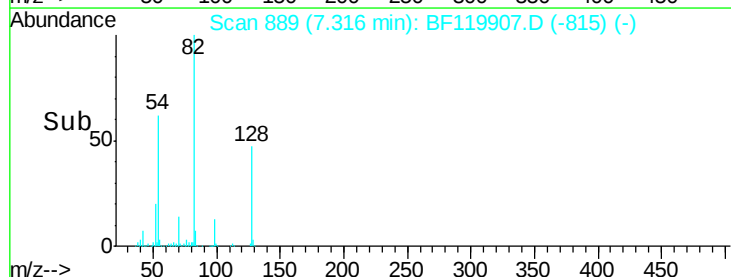
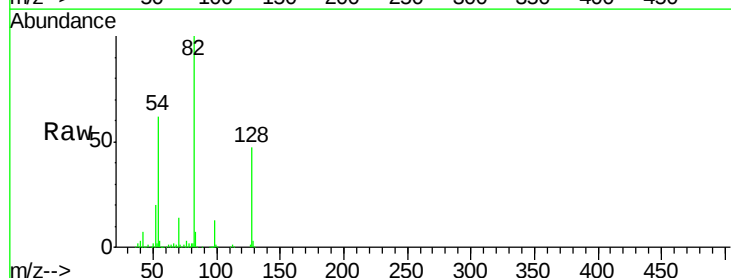
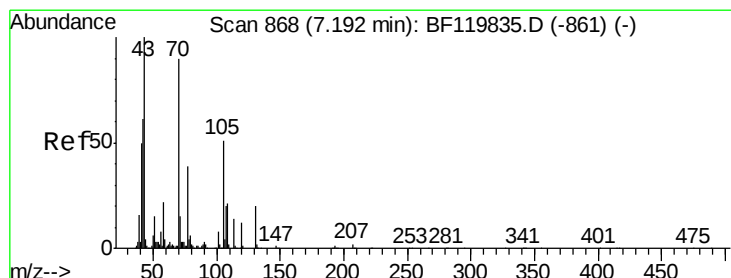
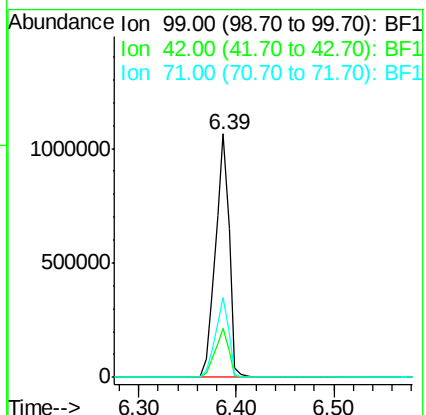
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1029206

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.9	25.3
71	33.0	26.3	39.5



#19

n-Nitroso-di-n-propylamine

Concen: 9.186 ng

RT: 7.32 min Scan# 889

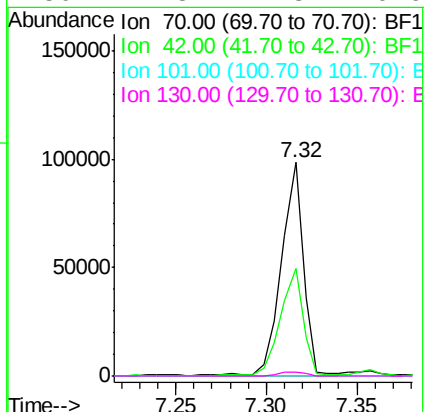
Delta R.T. 0.14 min

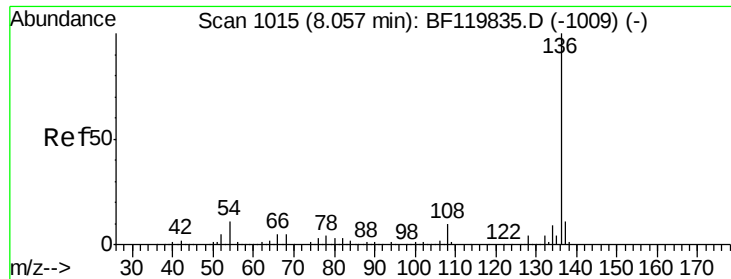
Lab File: BF119907.D

Acq: 10 Apr 2020 20:54

Tgt Ion: 70 Resp: 84331

Ion	Ratio	Lower	Upper
70	100		
42	50.4	54.2	81.4#
101	0.0	7.4	11.2#
130	1.8	17.8	26.6#

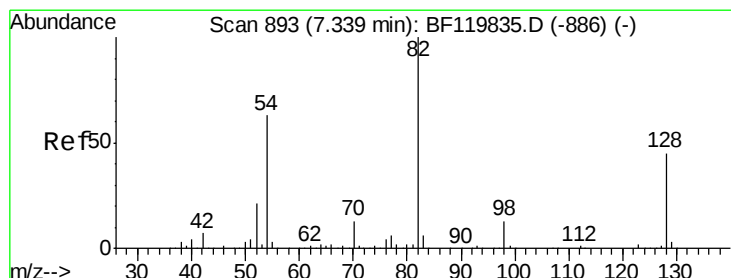
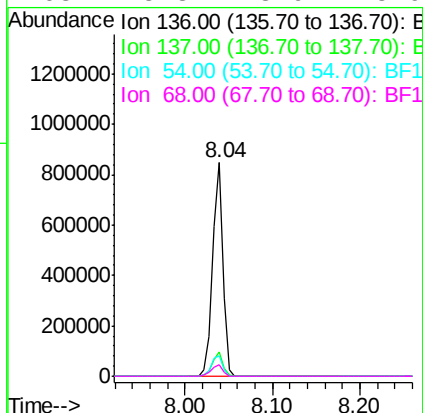
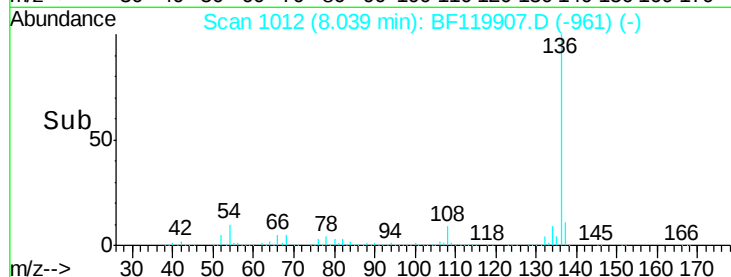
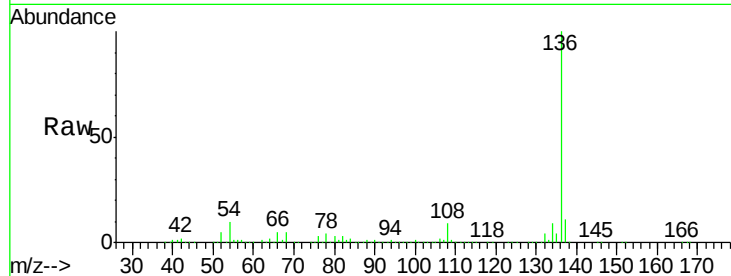




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

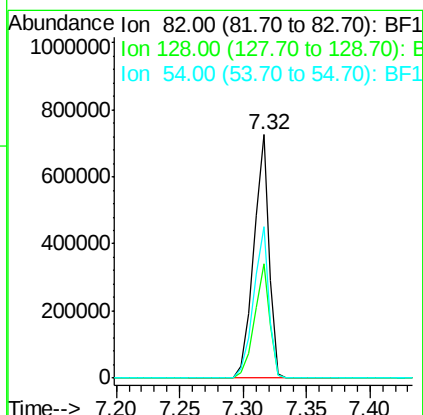
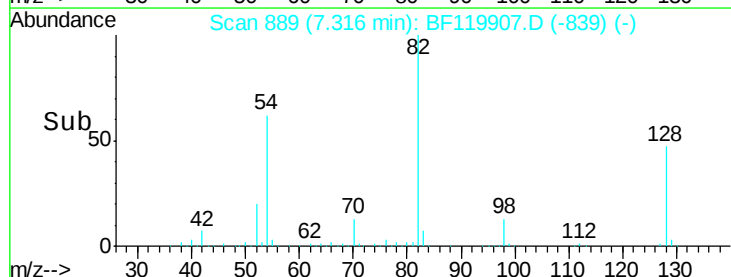
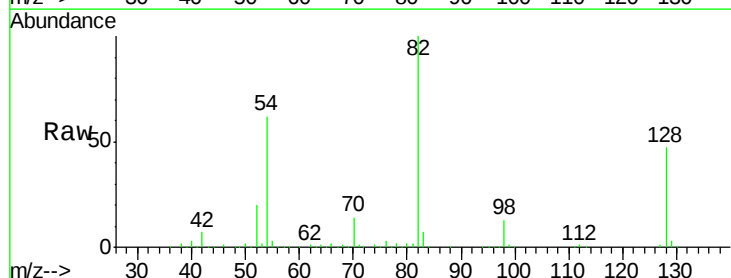
Instrument :
BNA_F
ClientSampleId :

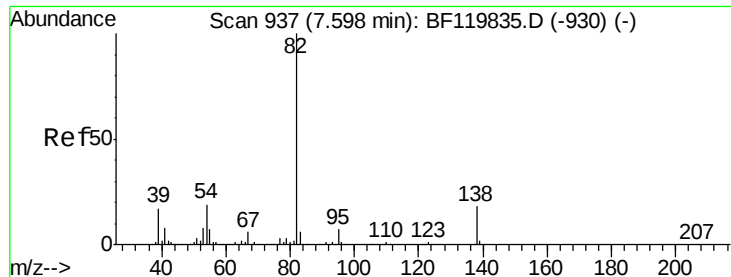
Tot Ion:136	Resp:	698694
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.7 13.1
54	9.8	8.5 12.7
68	5.3	3.9 5.9



#23
Nitrobenzene-d5
Concen: 45.977 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Tgt Ion: 82	Resp:	620943
Ion	Ratio	Lower Upper
82	100	
128	46.9	36.2 54.4
54	62.2	50.4 75.6





#25

Isophorone

Concen: 23.694 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF119907.D

Acq: 10 Apr 2020 20:54

Instrument :

BNA_F

ClientSampled :

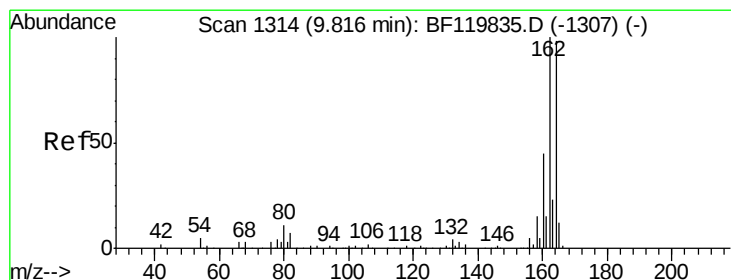
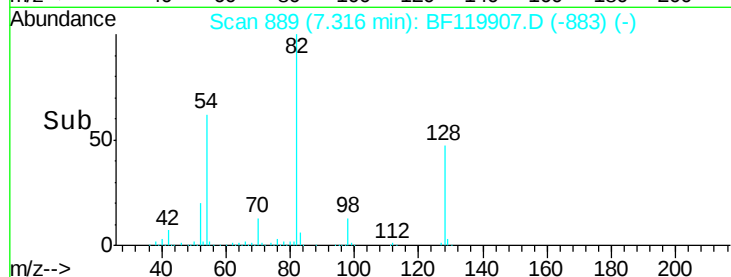
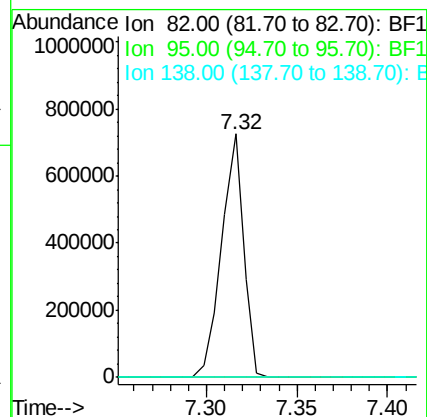
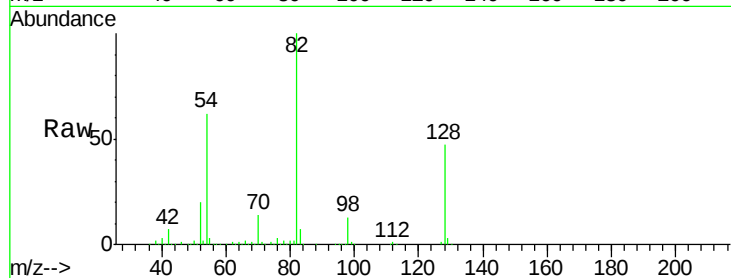
Tot Ion: 82 Resp: 616861

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.6#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF119907.D

Acq: 10 Apr 2020 20:54

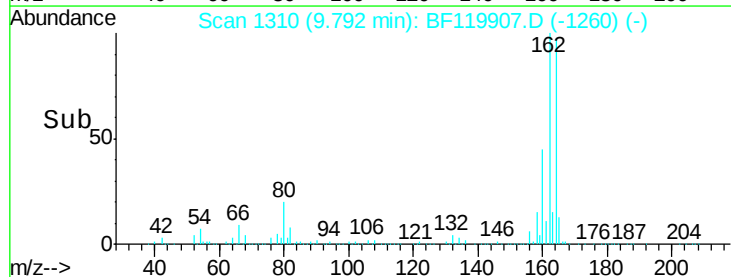
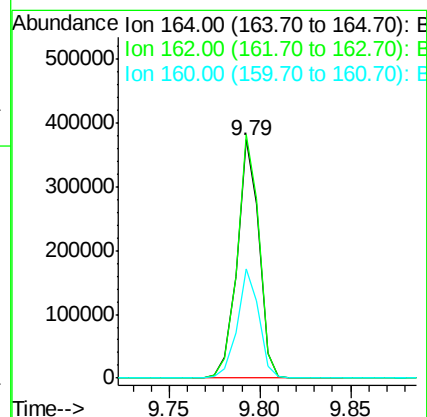
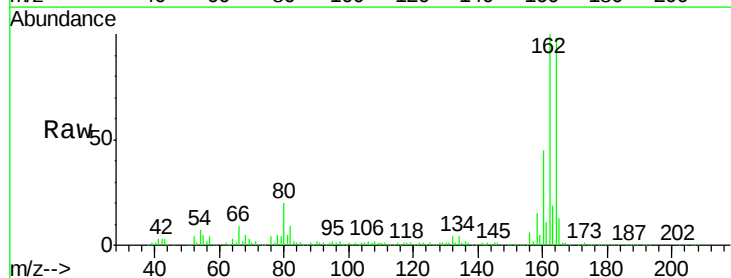
Tgt Ion: 164 Resp: 312693

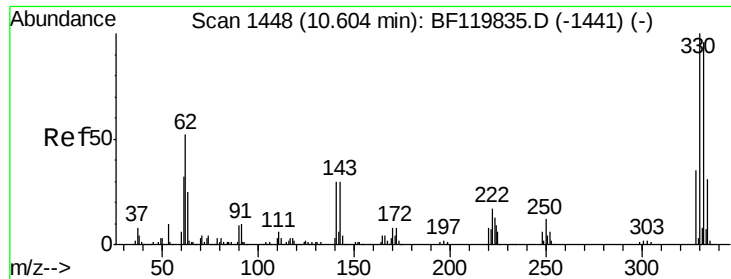
Ion Ratio Lower Upper

164 100

162 102.1 81.9 122.9

160 45.6 36.6 54.8

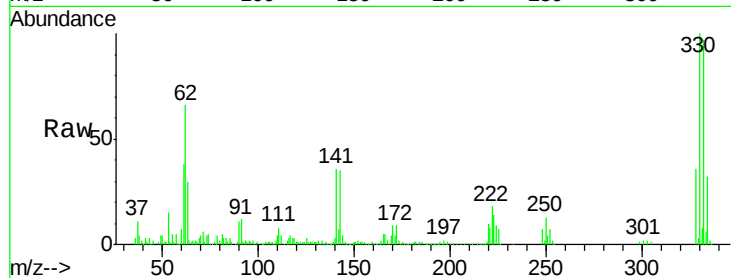




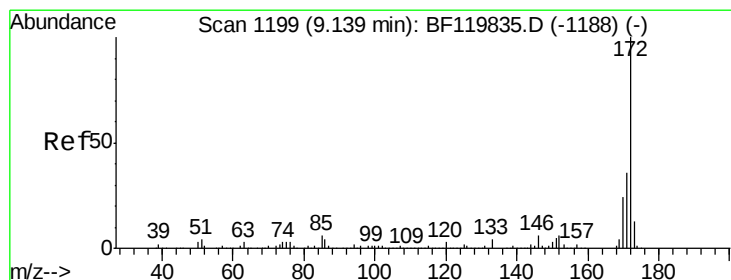
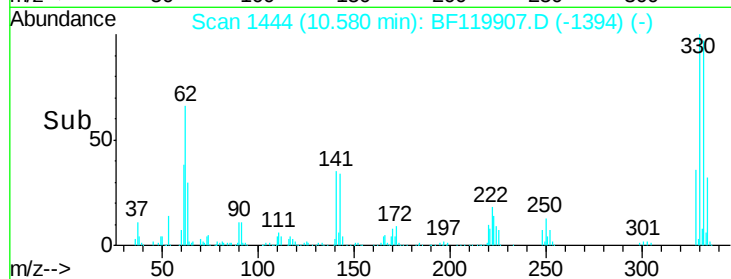
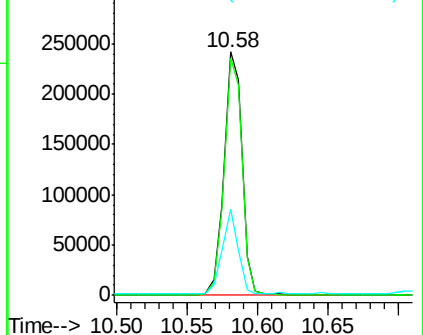
#42
 2,4,6-Tribromophenol
 Concen: 56.360 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF119907.D
 Acq: 10 Apr 2020 20:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 215771
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 30.1 25.1 37.7

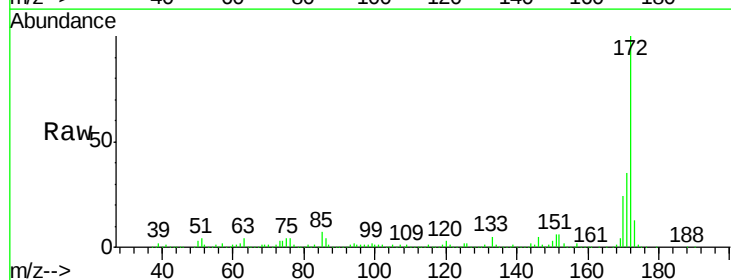


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

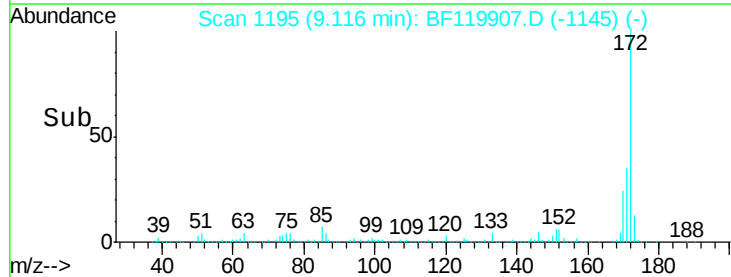
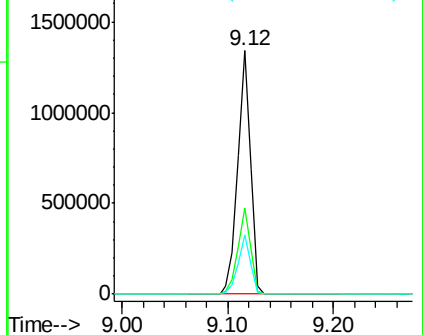


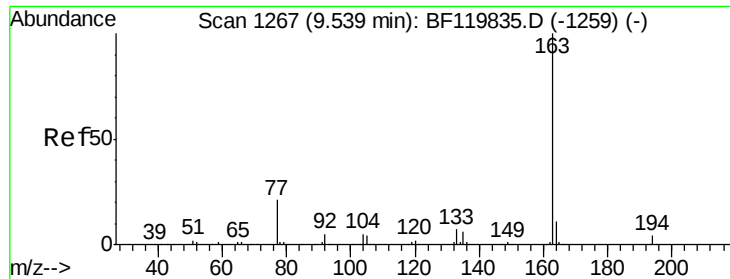
#45
 2-Fluorobiphenyl
 Concen: 50.150 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119907.D
 Acq: 10 Apr 2020 20:54

Tgt Ion:172 Resp: 1104504
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.9 43.3
 170 24.3 19.4 29.2



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

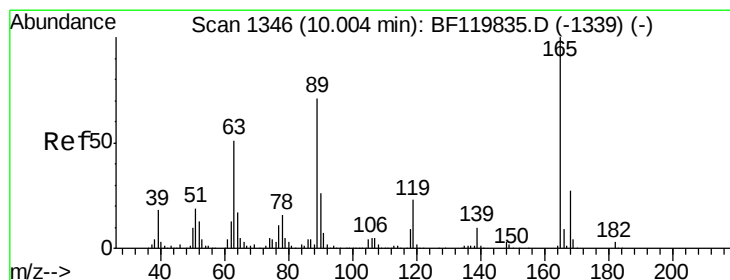
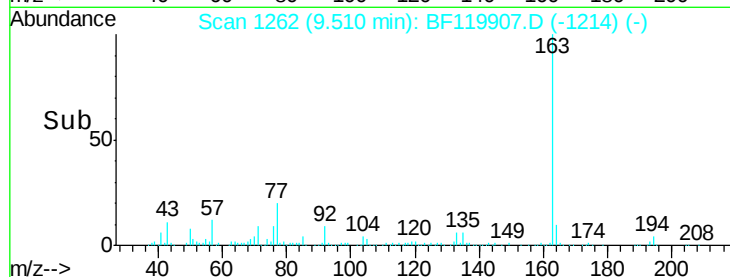
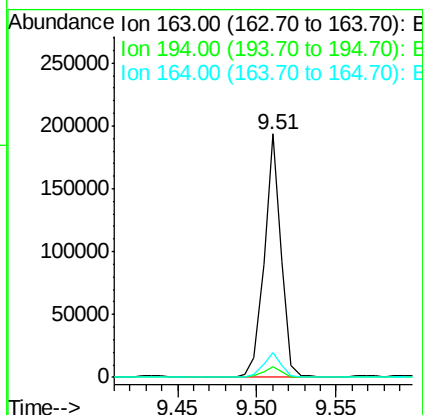
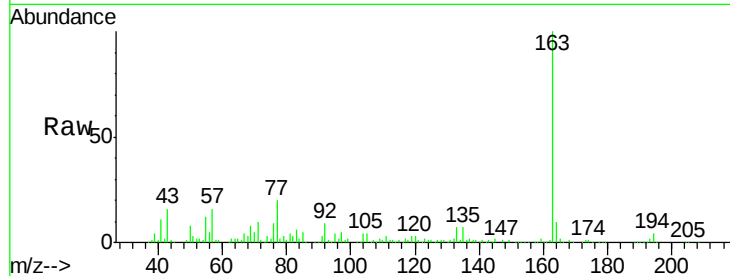




#50
Dimethylphthalate
Concen: 5.884 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

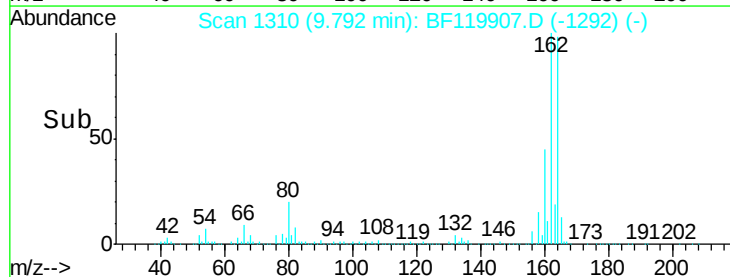
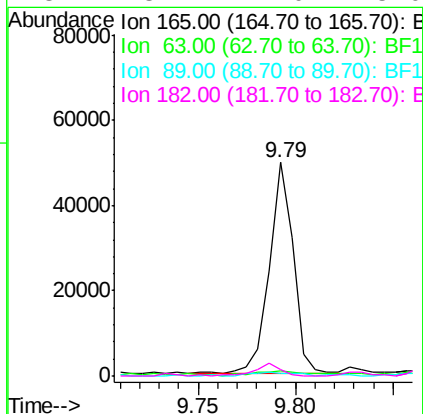
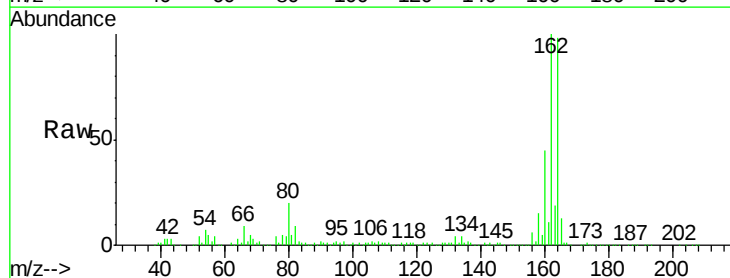
Instrument :
BNA_F
ClientSampled :

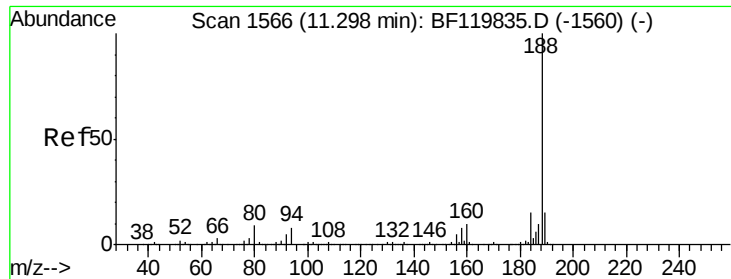
Tot Ion:163	Resp:	142309
Ion Ratio	Lower	Upper
163	100	
194	4.2	3.0 4.4
164	9.9	8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 6.007 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Tgt Ion:165	Resp:	41918
Ion Ratio	Lower	Upper
165	100	
63	2.2	40.8 61.2#
89	1.2	56.9 85.3#
182	3.1	2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BF119907.D

Acq: 10 Apr 2020 20:54

Instrument :

BNA_F

ClientSampleId :

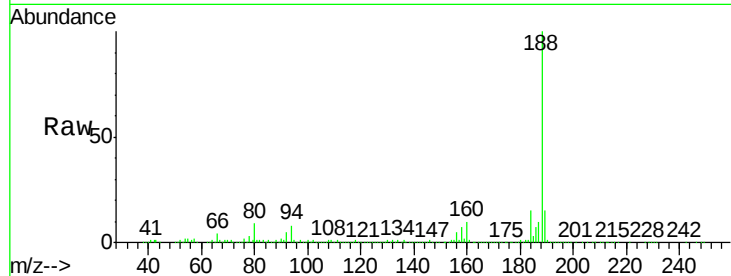
Tot Ion:188 Resp: 499593

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

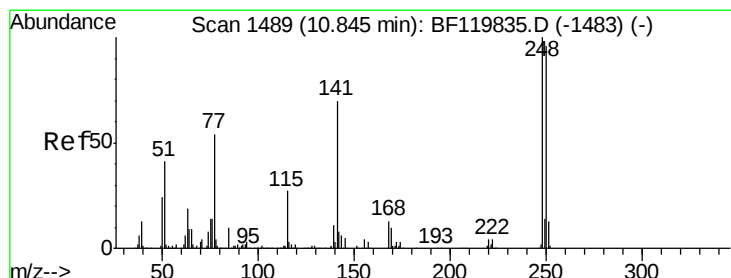
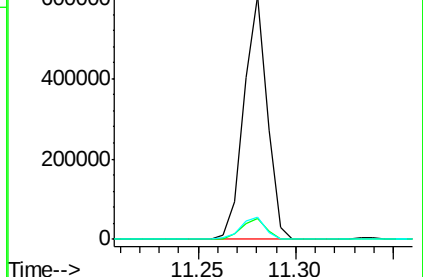
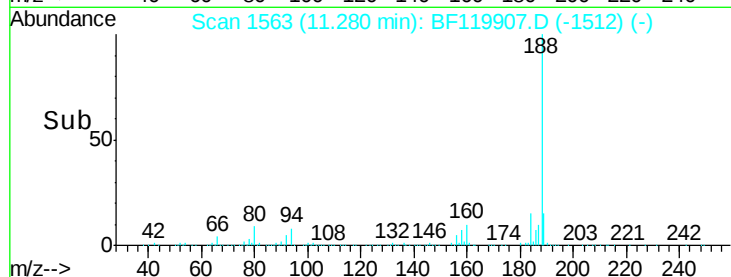
80 9.3 7.4 11.2



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



#67

4-Bromophenyl-phenylether

Concen: 2.225 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.25 min

Lab File: BF119907.D

Acq: 10 Apr 2020 20:54

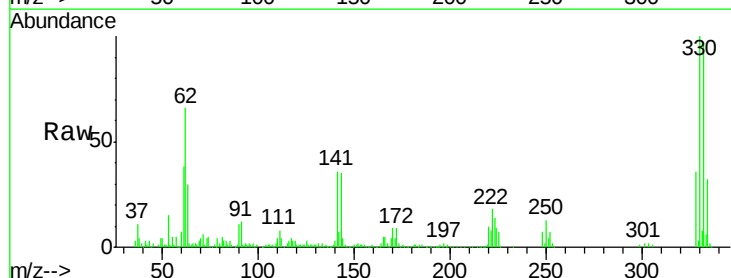
Tgt Ion:248 Resp: 13825

Ion Ratio Lower Upper

248 100

250 185.1 76.6 114.8#

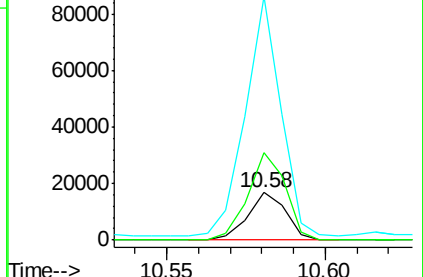
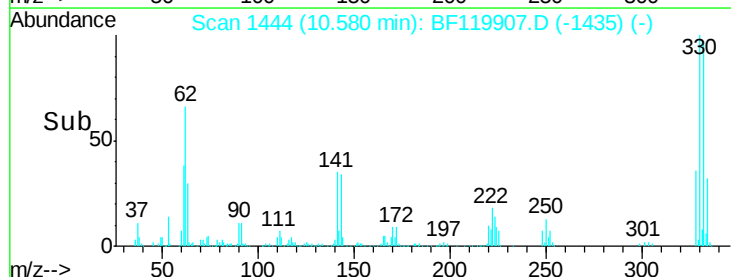
141 515.8 55.9 83.9#

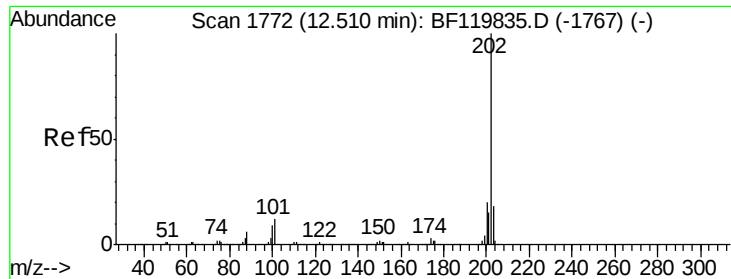


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: 2.608 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BF119907.D

Acq: 10 Apr 2020 20:54

Instrument :

BNA_F

ClientSampleId :

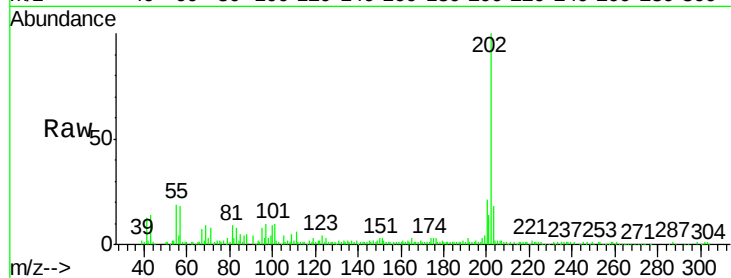
Tot Ion:202 Resp: 74835

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.3

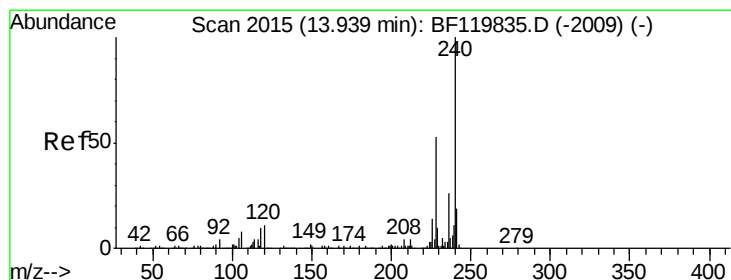
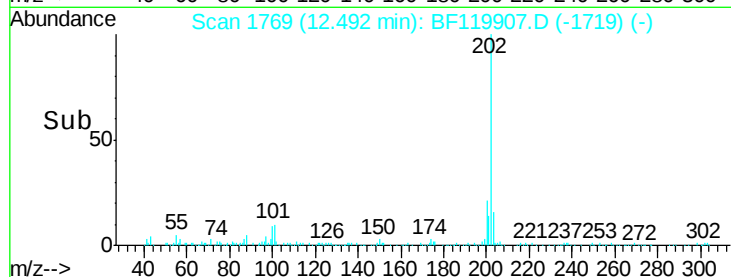
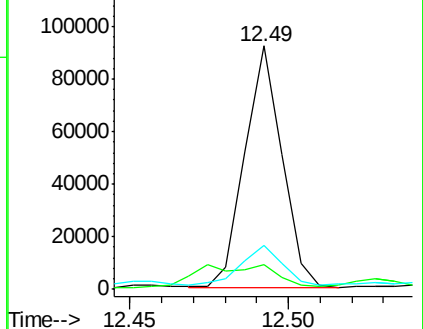
203 17.9 0.0 37.6



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: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF119907.D

Acq: 10 Apr 2020 20:54

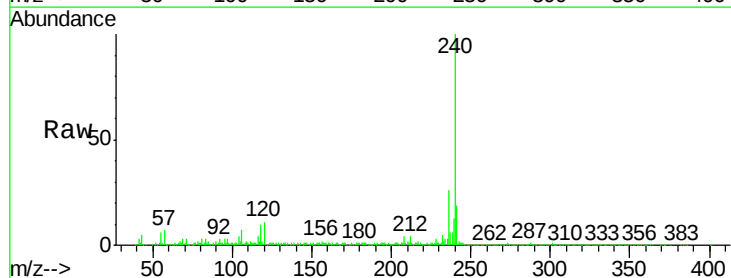
Tgt Ion:240 Resp: 378327

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.6

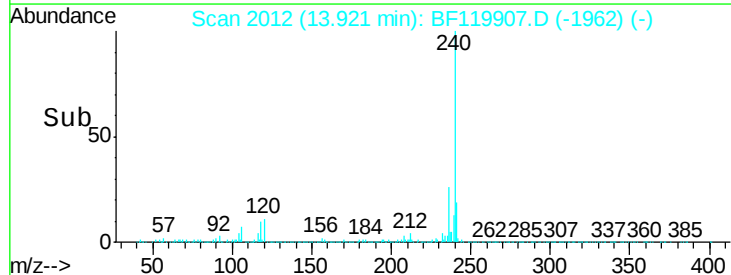
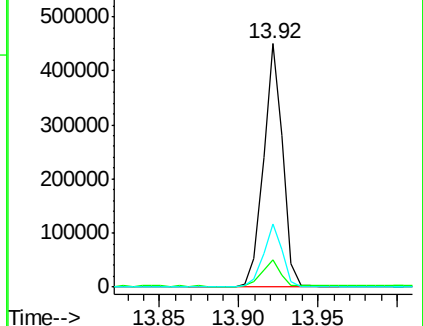
236 26.0 20.7 31.1

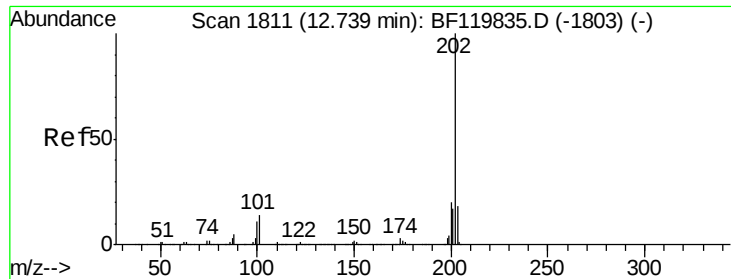


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

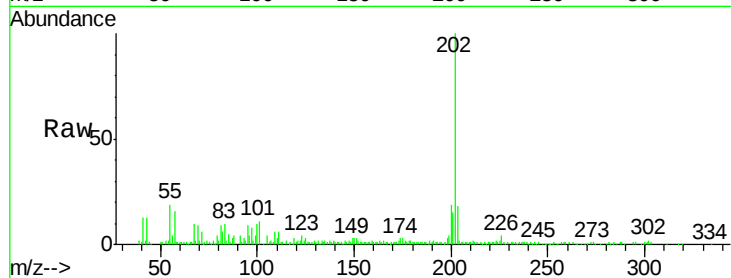




#78
Pvrene
Concen: 2.660 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.2	24.2
203	18.4	14.1	21.1

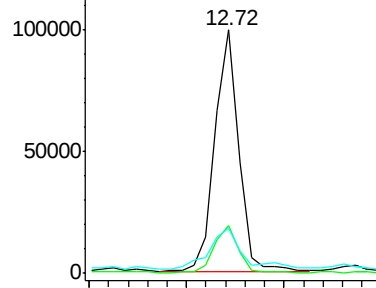


Abundance

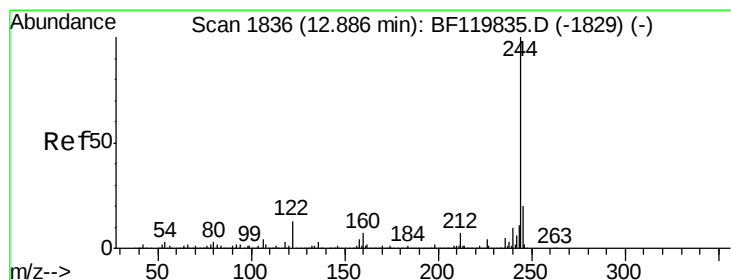
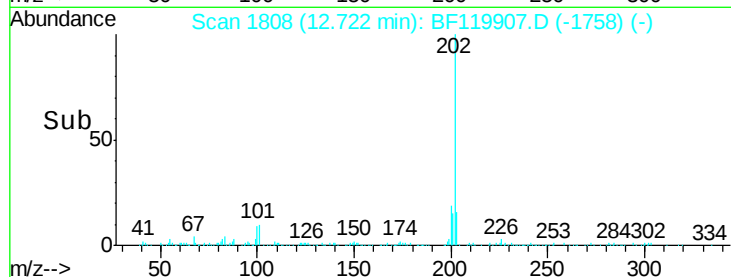
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

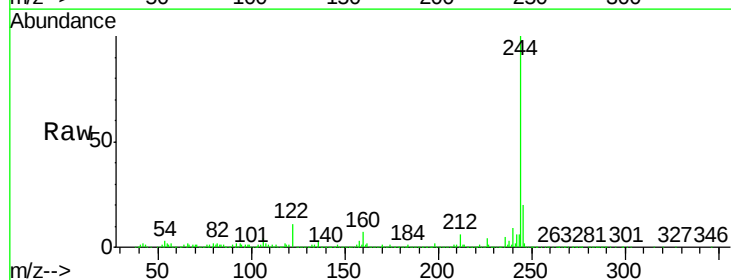


Time--> 12.65 12.70 12.75



#79
Terphenyl-d14
Concen: 41.566 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.5	10.3	15.5

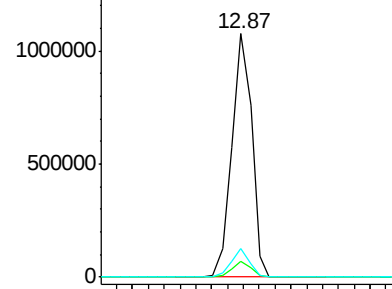


Abundance

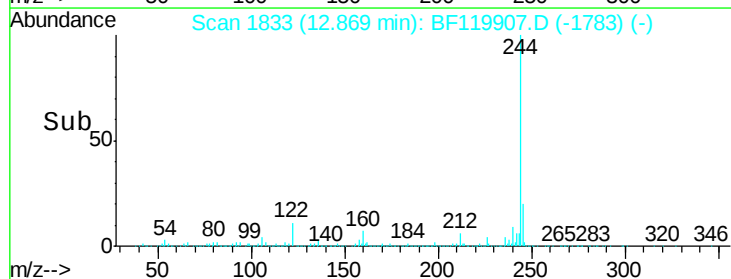
Ion 244.00 (243.70 to 244.70): E

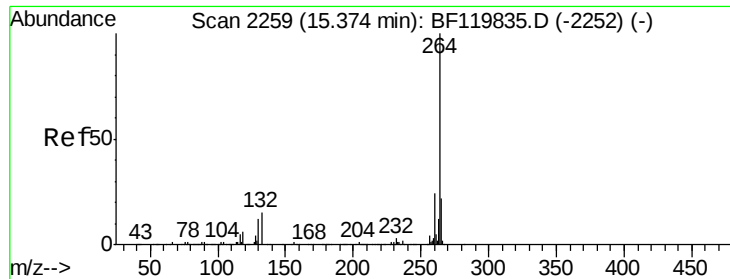
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.85 12.90 12.95

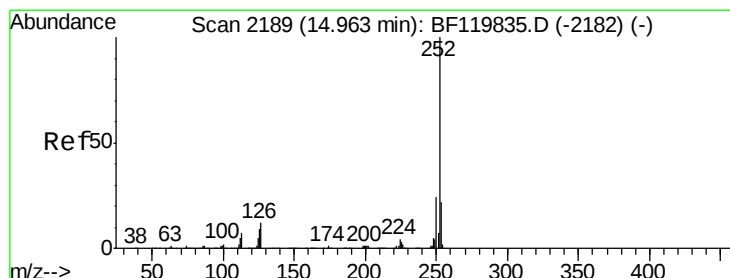
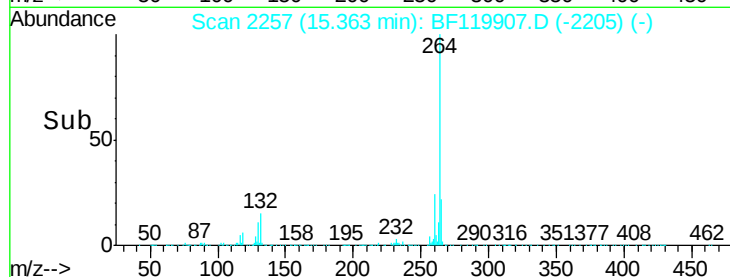
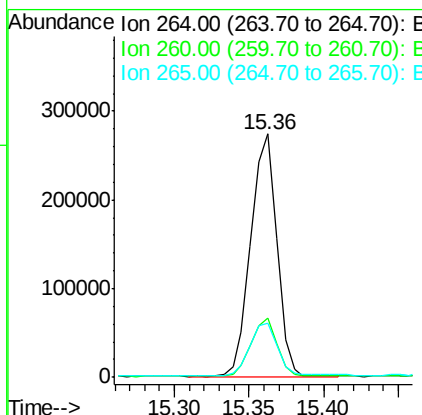
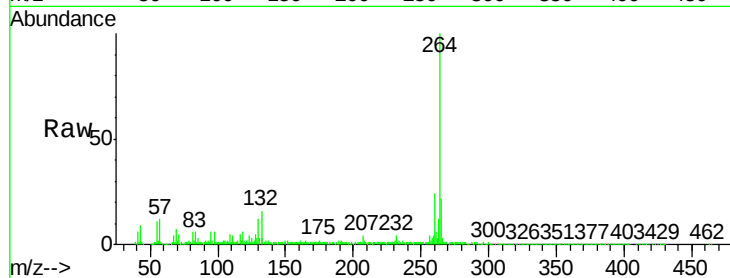




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

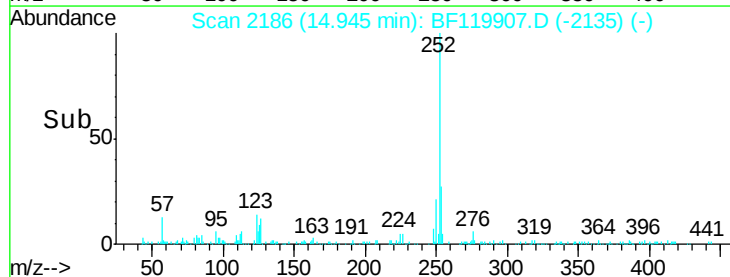
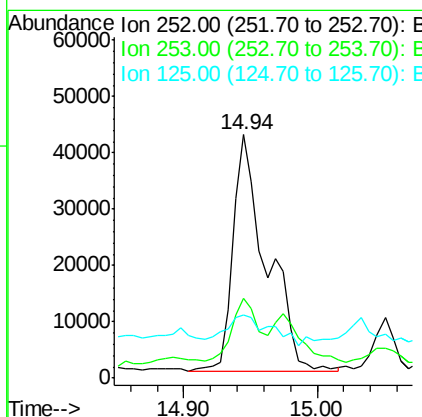
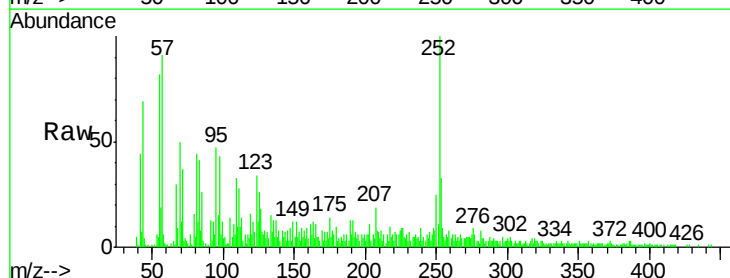
Instrument :
BNA_F
ClientSampleId :

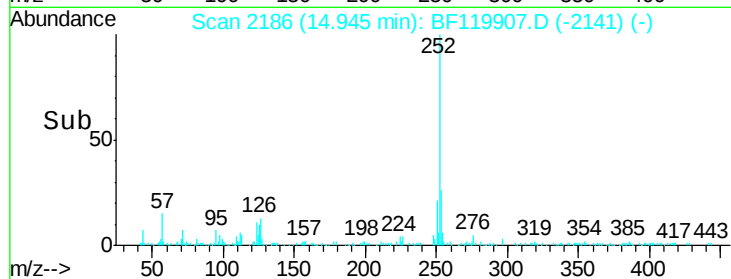
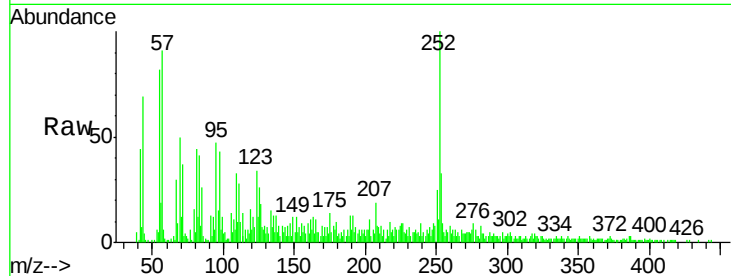
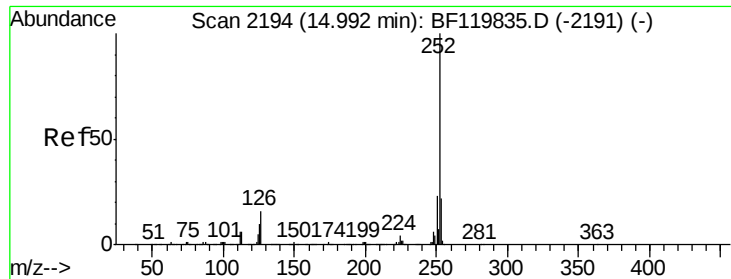
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.2	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 3.088 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	17.7	26.5#
125	26.1	7.4	11.2#





#89

Benzo(k)fluoranthene

Concen: 3.580 ng

RT: 14.94 min Scan# 2186

Delta R.T. -0.04 min

Lab File: BF119907.D

Acq: 10 Apr 2020 20:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 73264

Ion Ratio Lower Upper

252 100

253 32.6 17.8 26.8#

125 26.1 7.7 11.5#

