

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119622.D
 Acq On : 28 Mar 2020 17:43
 Operator : CG/JU
 Sample : L2029-05
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1F-(0-2)

Quant Time: Mar 29 23:19:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

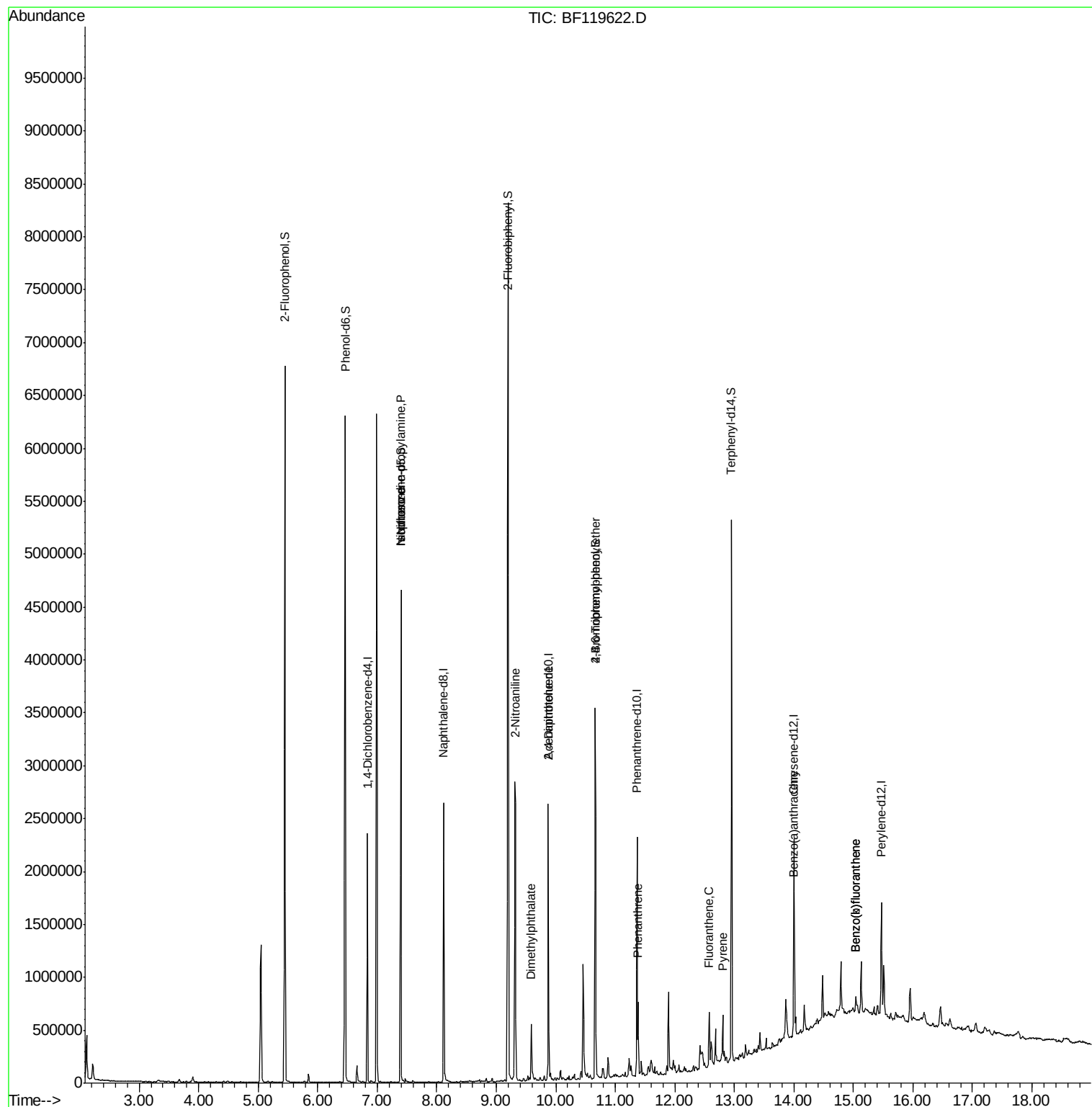
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	302002	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1123417	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	519188	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	806856	20.00	ng	0.00
76) Chrysene-d12	14.00	240	602143	20.00	ng	-0.01
87) Perylene-d12	15.47	264	524656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1797519	94.75	ng	0.01
7) Phenol-d6	6.46	99	2353960	97.13	ng	0.00
23) Nitrobenzene-d5	7.40	82	1414528	68.43	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	410479	76.64	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2551121	72.79	ng	0.00
79) Terphenyl-d14	12.95	244	1892668	61.58	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	185218	12.68	ng	# 77
25) Isophorone	7.40	82	1406054	33.53	ng	# 65
48) 2-Nitroaniline	9.32	65	29742	2.60	ng	# 18
50) Dimethylphthalate	9.59	163	212315	5.76	ng	100
57) 2,4-Dinitrotoluene	9.87	165	71167	7.15	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	23723	2.58	ng	# 1
71) Phenanthrene	11.39	178	230799	5.52	ng	97
75) Fluoranthene	12.57	202	215279	4.75	ng	98
78) Pyrene	12.80	202	188718	3.82	ng	95
81) Benzo(a)anthracene	13.99	228	84945	2.17	ng	95
88) Benzo(b)fluoranthene	15.04	252	104754	2.99	ng	# 85
89) Benzo(k)fluoranthene	15.04	252	104754	3.14	ng	# 86

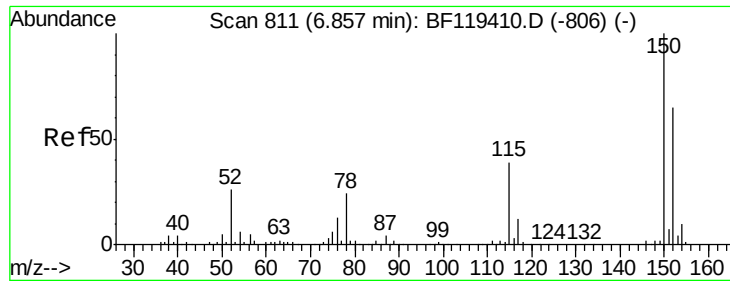
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
Data File : BF119622.D
Acq On : 28 Mar 2020 17:43
Operator : CG/JU
Sample : L2029-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1F-(0-2)

Quant Time: Mar 29 23:19:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration



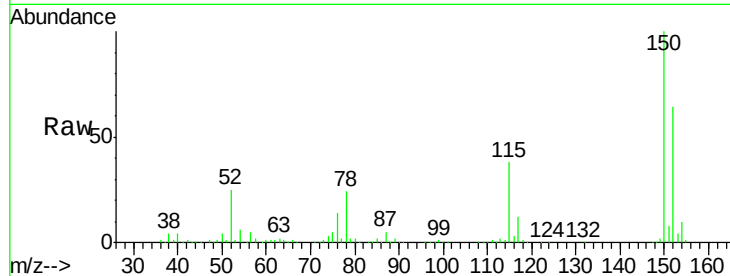


#1

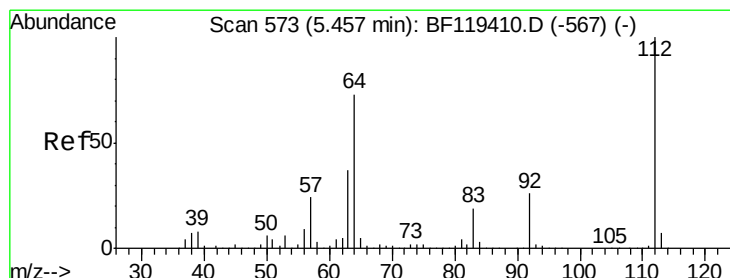
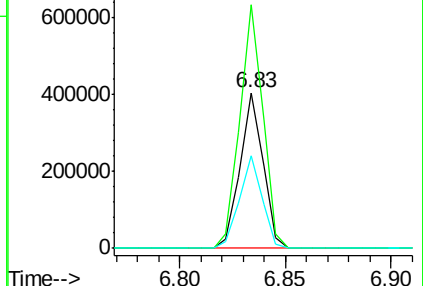
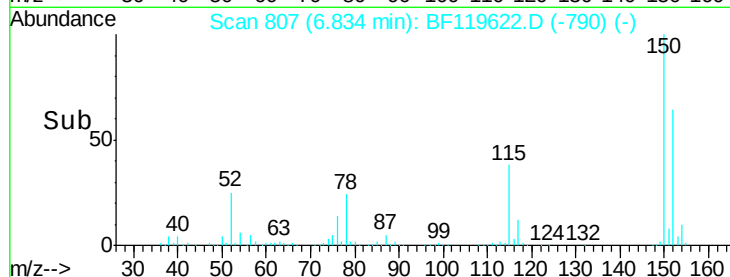
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1F-(0-2)

Tgt Ion:152 Resp: 302002
Ion Ratio Lower Upper
152 100
150 156.4 124.5 186.7
115 59.4 49.6 74.4



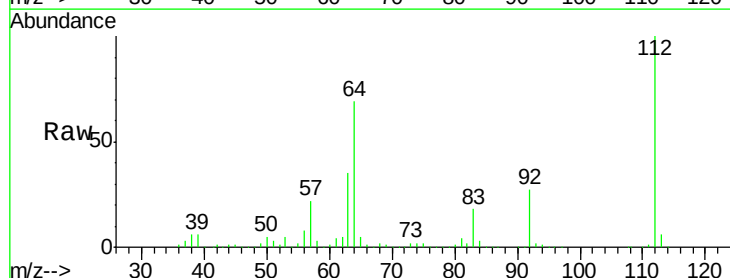
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



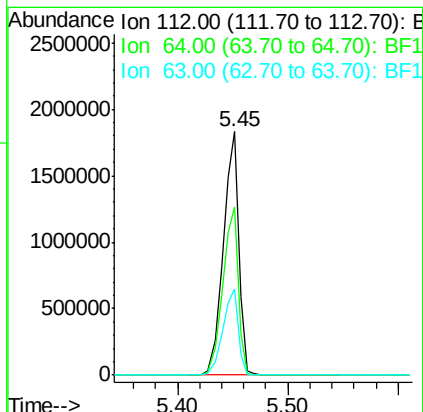
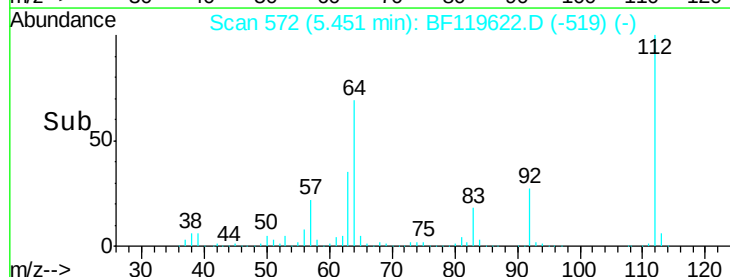
#5

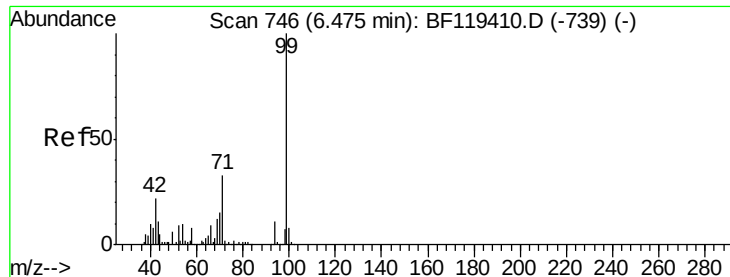
2-Fluorophenol
Concen: 94.75 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Tgt Ion:112 Resp: 1797519
Ion Ratio Lower Upper
112 100
64 69.1 56.7 85.1
63 35.2 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: 97.13 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119622.D

Acq: 28 Mar 2020 17:43

Instrument :

BNA_F

ClientSampleId :

SB-1F-(0-2)

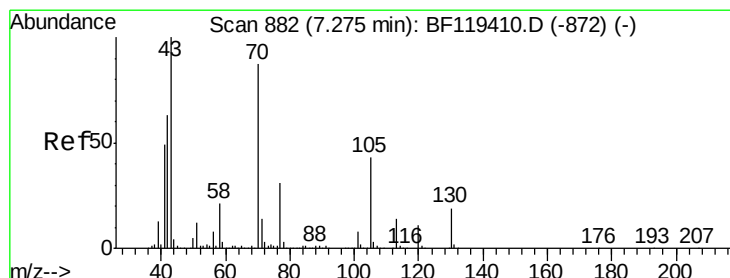
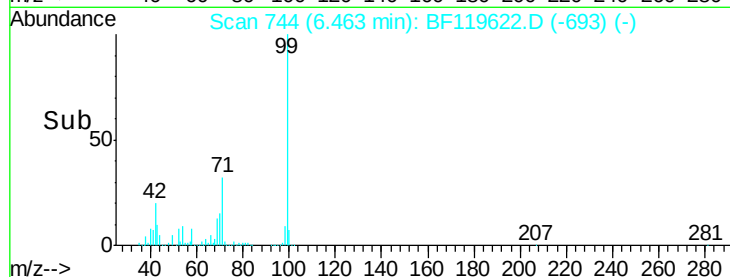
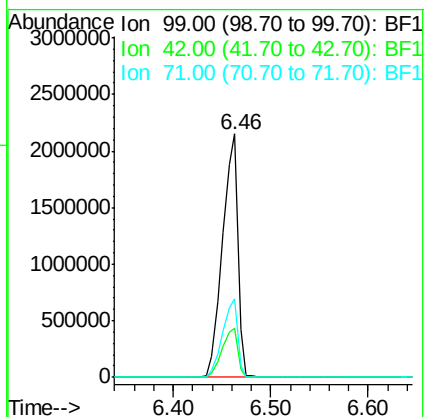
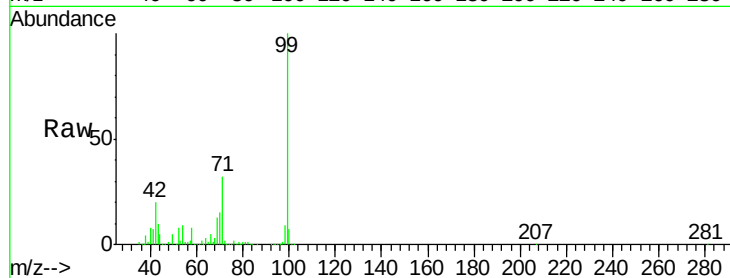
Tgt Ion: 99 Resp: 2353960

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

71 32.5 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.68 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119622.D

Acq: 28 Mar 2020 17:43

Tgt Ion: 70 Resp: 185218

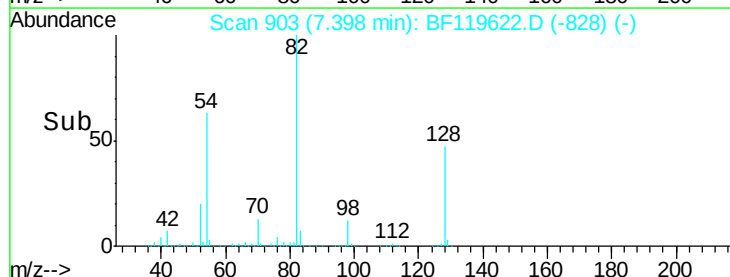
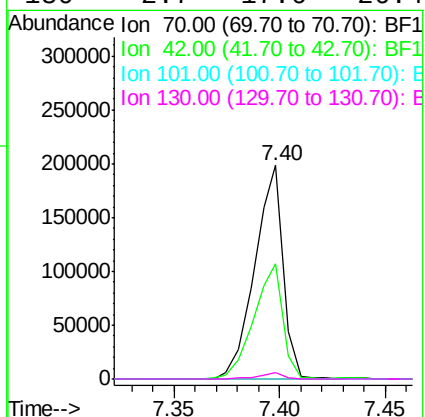
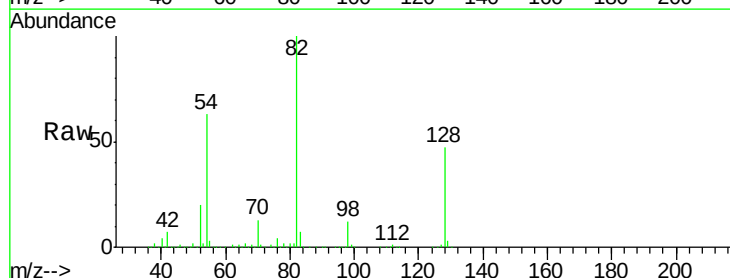
Ion Ratio Lower Upper

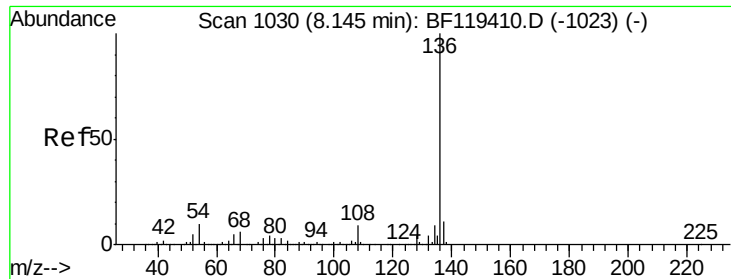
70 100

42 53.9 54.5 81.7#

101 0.0 7.6 11.4#

130 2.7 17.6 26.4#

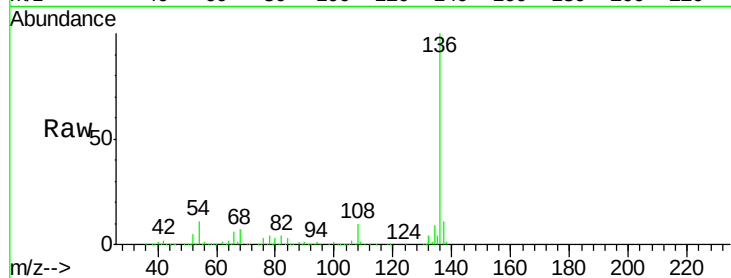




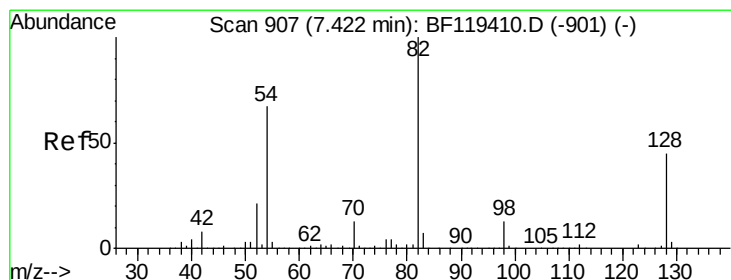
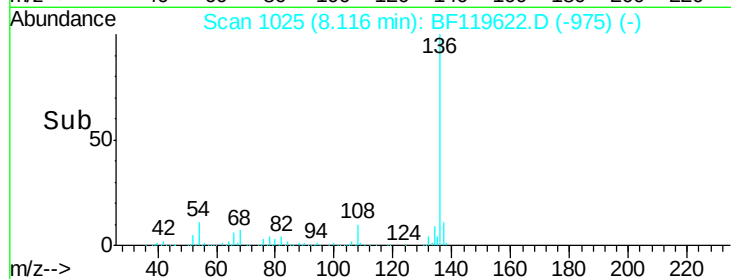
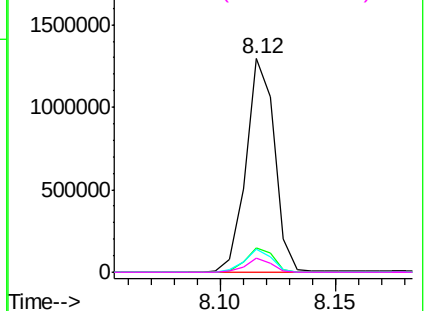
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1F-(0-2)

Tgt Ion:	136	Resp:	1123417
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	10.9	9.1	13.7
68	6.6	4.6	6.8

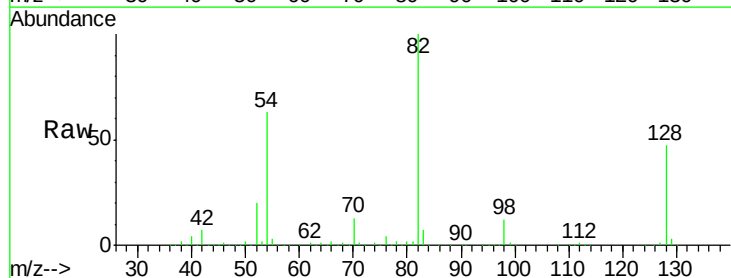


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

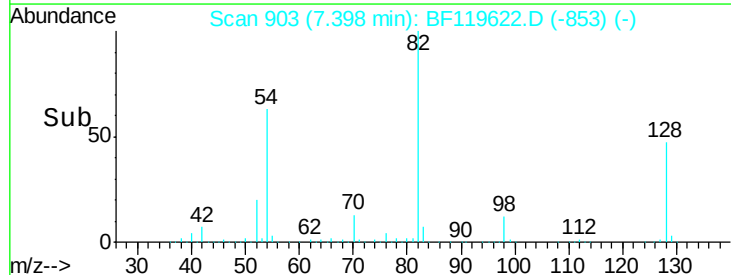
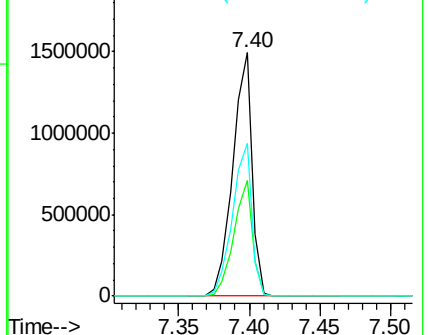


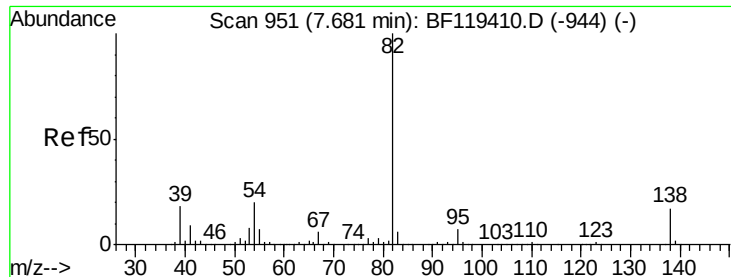
#23
Nitrobenzene-d5
Concen: 68.43 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Tgt Ion:	82	Resp:	1414528
Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.3	54.5
54	62.7	50.6	75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.53 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119622.D

Acq: 28 Mar 2020 17:43

Instrument :

BNA_F

ClientSampleId :

SB-1F-(0-2)

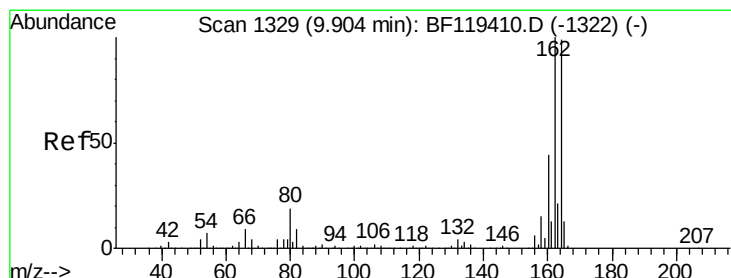
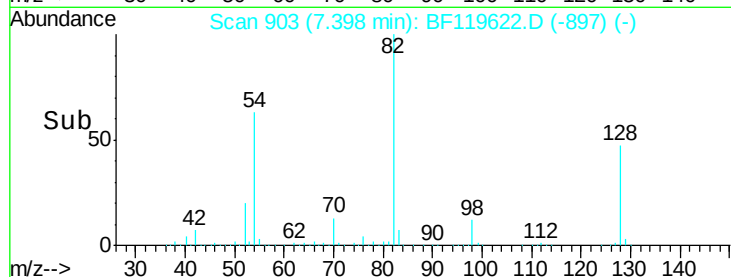
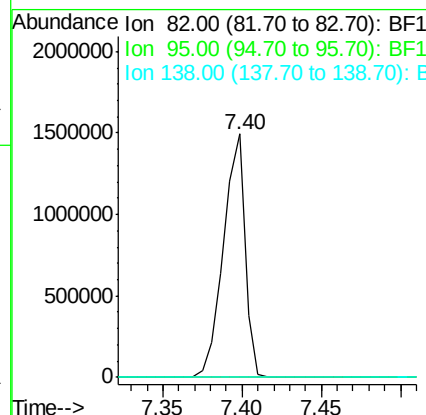
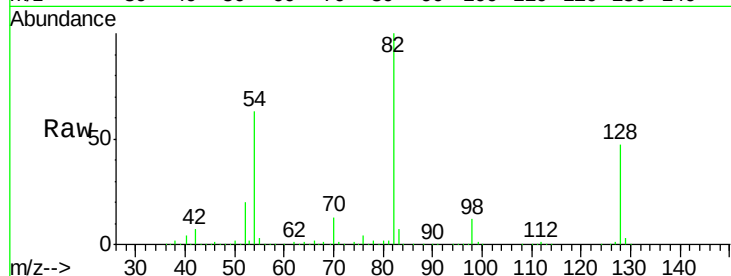
Tgt Ion: 82 Resp: 1406054

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119622.D

Acq: 28 Mar 2020 17:43

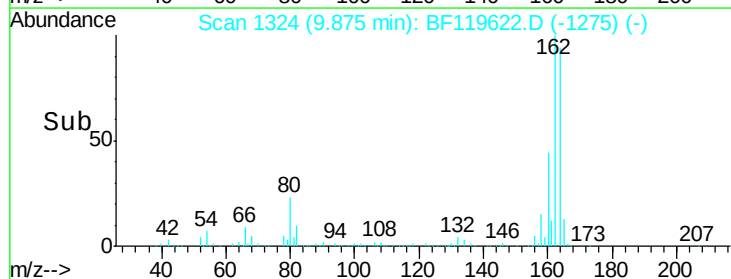
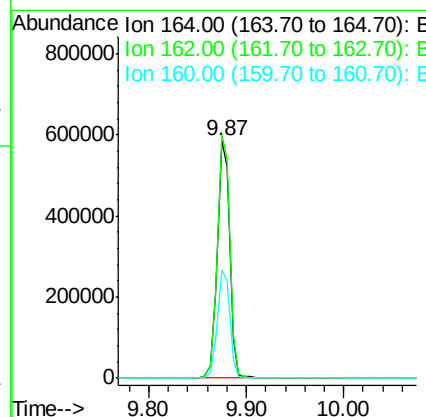
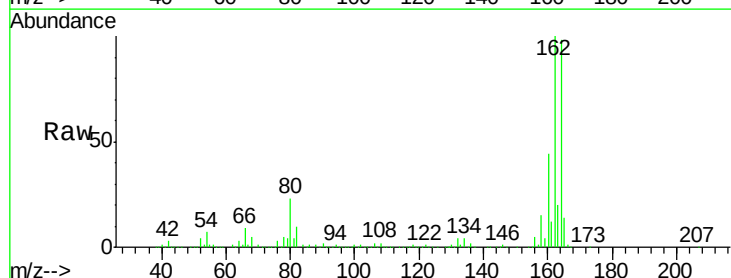
Tgt Ion: 164 Resp: 519188

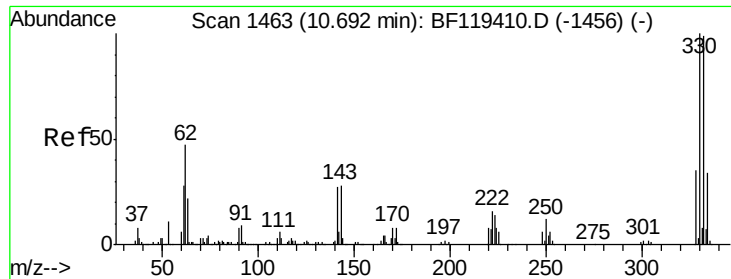
Ion Ratio Lower Upper

164 100

162 102.5 80.6 121.0

160 45.2 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 76.64 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF119622.D

Acq: 28 Mar 2020 17:43

Instrument :

BNA_F

ClientSampleId :

SB-1F-(0-2)

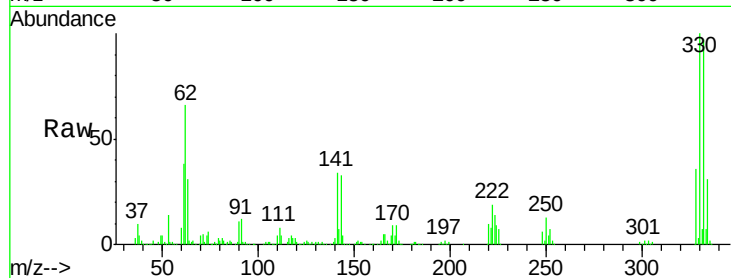
Tgt Ion:330 Resp: 410479

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

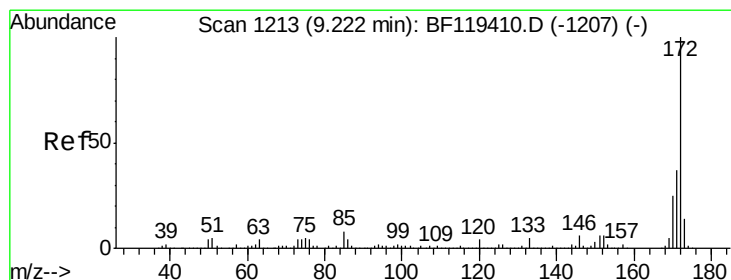
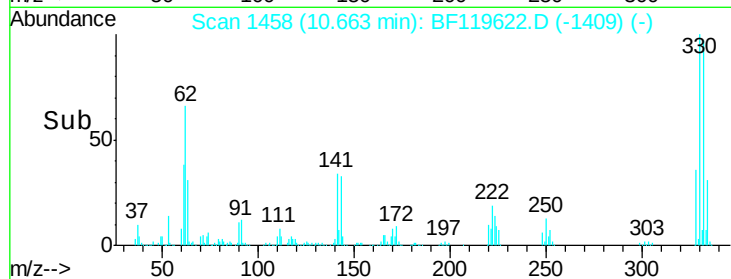
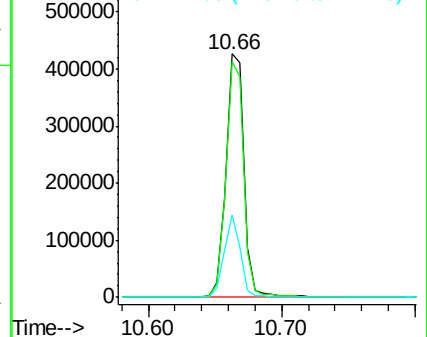
141 31.0 25.4 38.0



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: 72.79 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119622.D

Acq: 28 Mar 2020 17:43

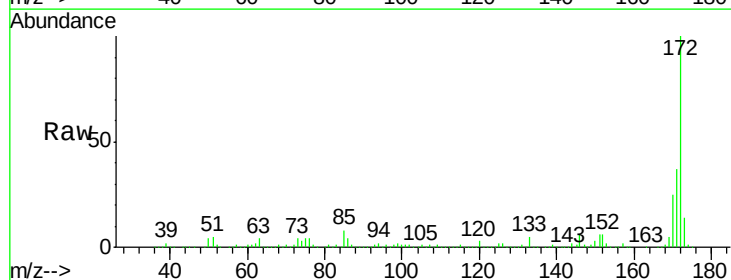
Tgt Ion:172 Resp: 2551121

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

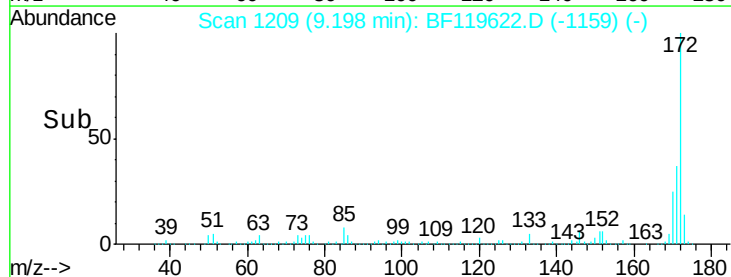
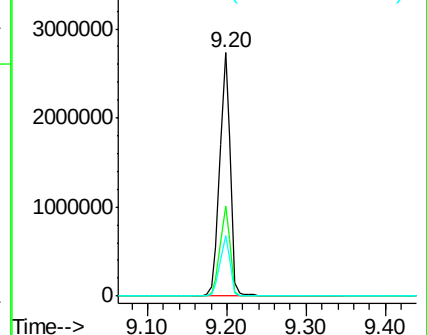
170 25.0 20.2 30.2

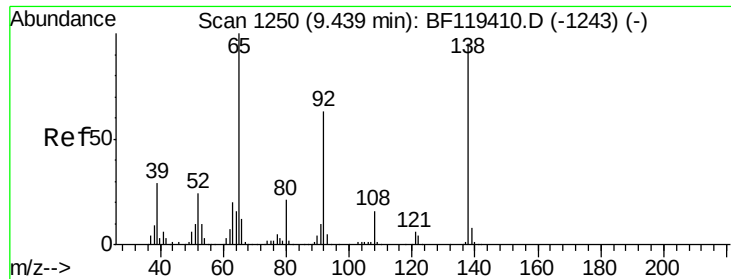


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

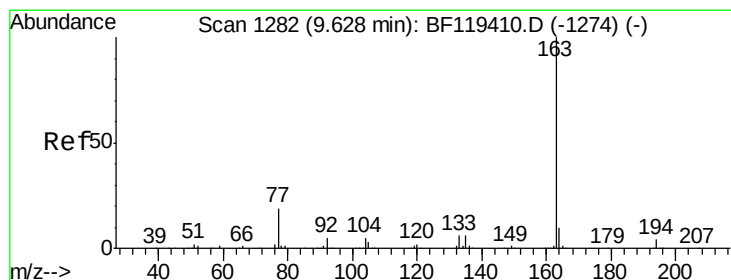
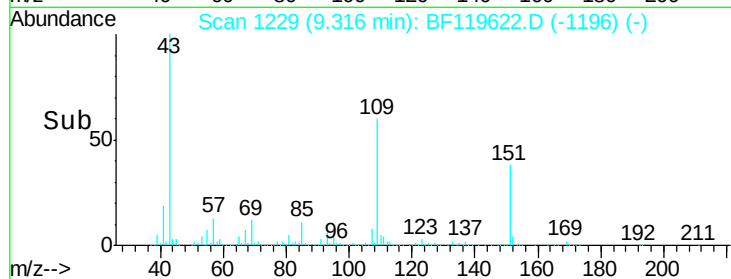
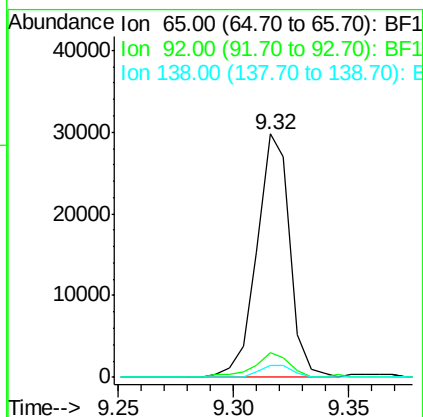
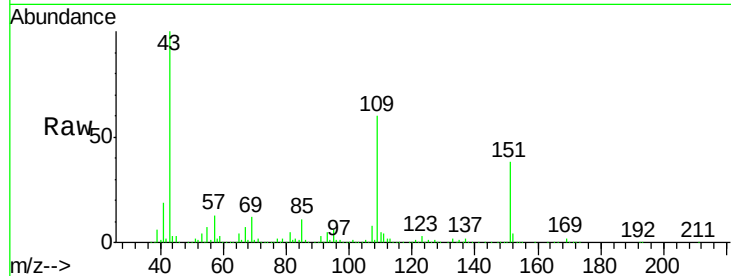




#48
2-Nitroaniline
Concen: 2.60 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.11 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

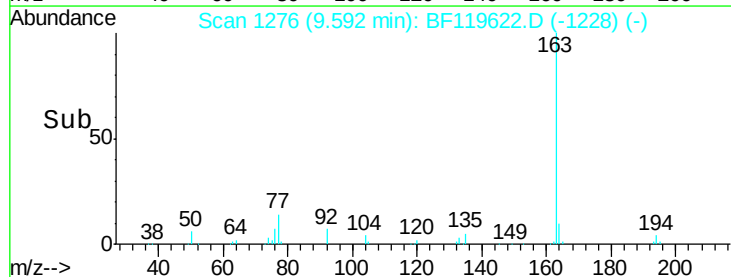
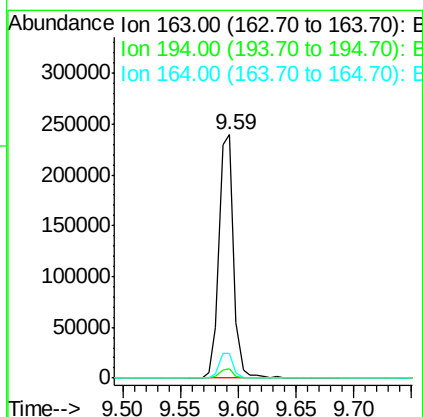
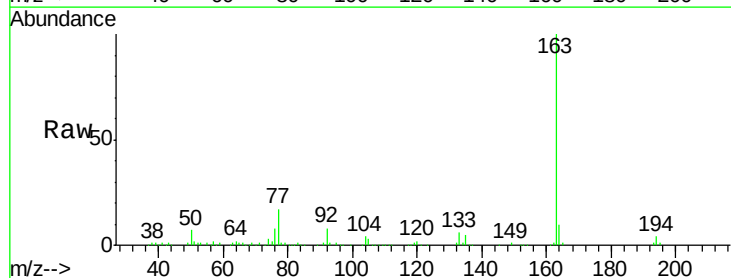
Instrument :
BNA_F
ClientSampleId :
SB-1F-(0-2)

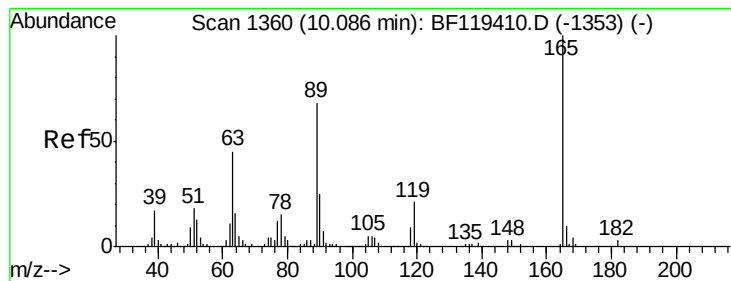
Tgt Ion: 65 Resp: 29742
Ion Ratio Lower Upper
65 100
92 10.0 50.0 75.0#
138 4.9 75.0 112.4#



#50
Dimethylphthalate
Concen: 5.76 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Tgt Ion: 163 Resp: 212315
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.2 12.2





#57

2,4-Dinitrotoluene

Concen: 7.15 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF119622.D

Acq: 28 Mar 2020 17:43

Instrument :

BNA_F

ClientSampleId :

SB-1F-(0-2)

Tgt Ion:165 Resp: 71167

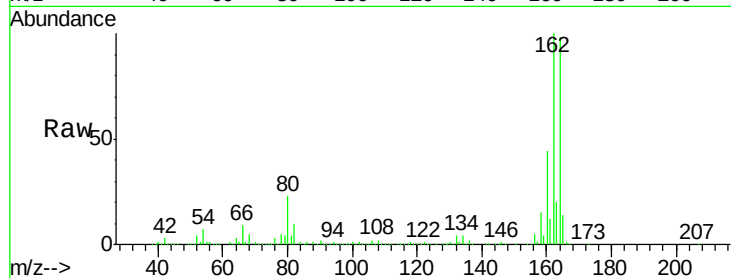
Ion Ratio Lower Upper

165 100

63 1.0 42.6 64.0#

89 1.1 61.0 91.4#

182 0.0 2.2 3.2#

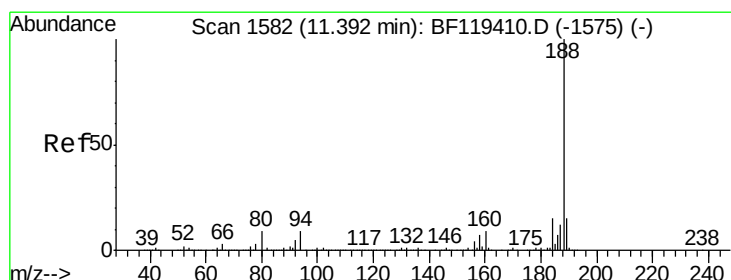
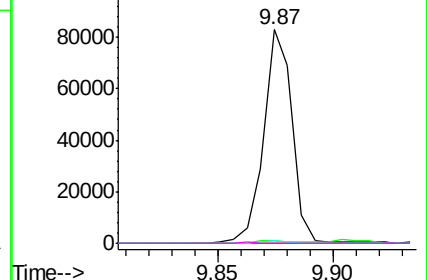
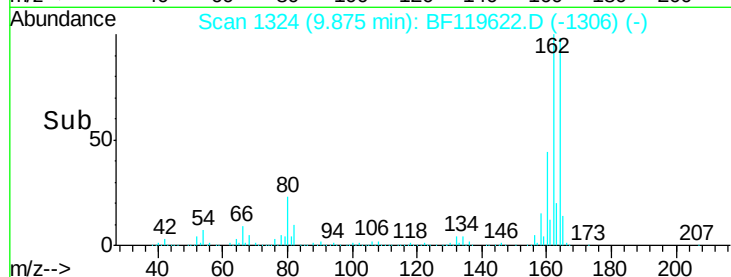


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119622.D

Acq: 28 Mar 2020 17:43

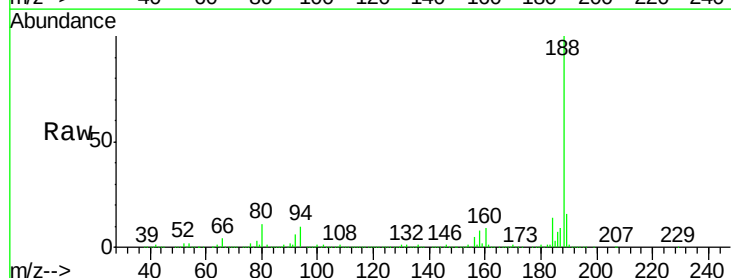
Tgt Ion:188 Resp: 806856

Ion Ratio Lower Upper

188 100

94 10.5 7.5 11.3

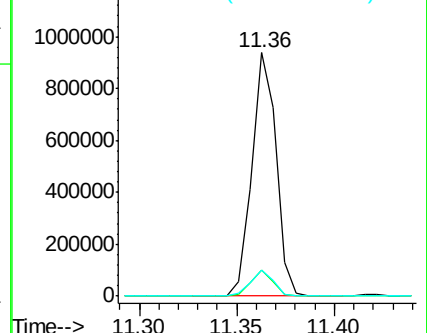
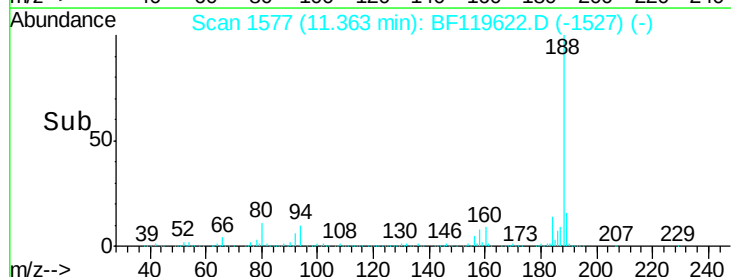
80 10.9 9.0 13.4

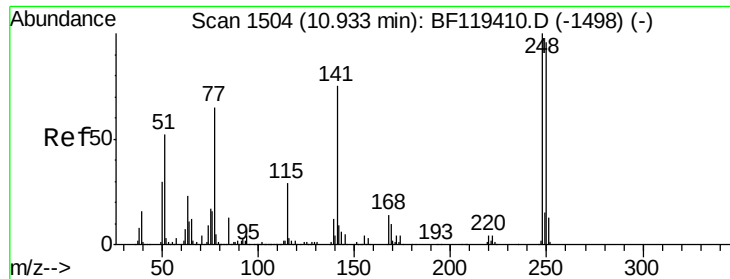


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

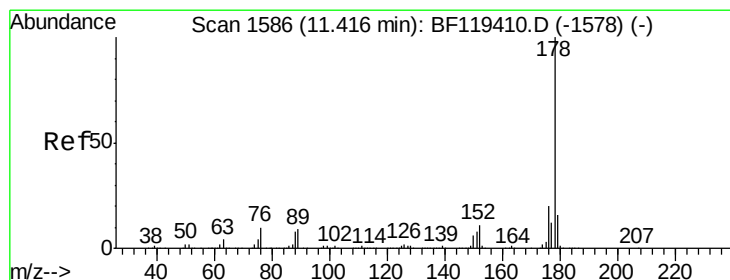
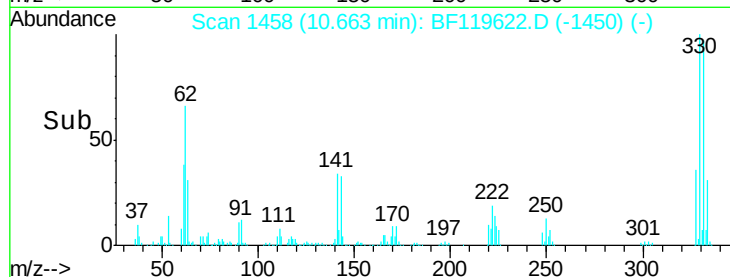
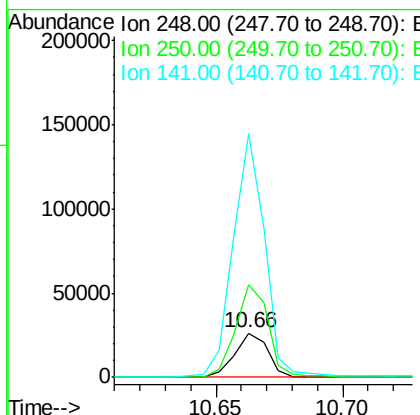
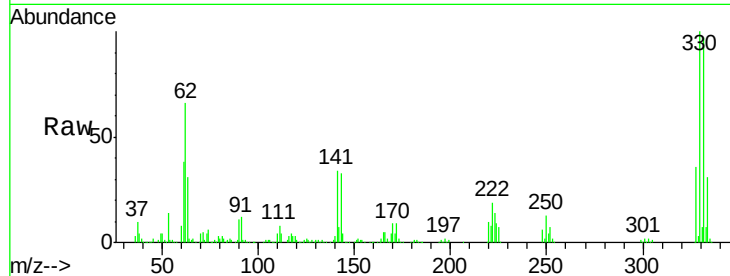




#67
 4-Bromophenyl-phenylether
 Concen: 2.58 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF119622.D
 Acq: 28 Mar 2020 17:43

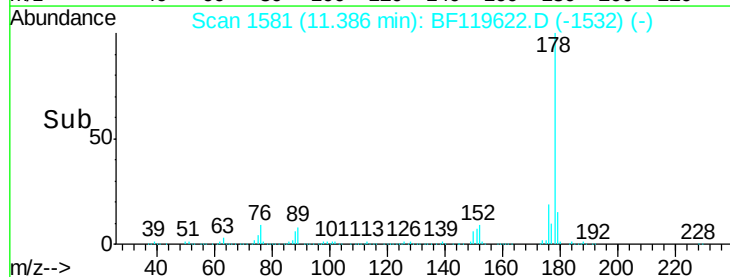
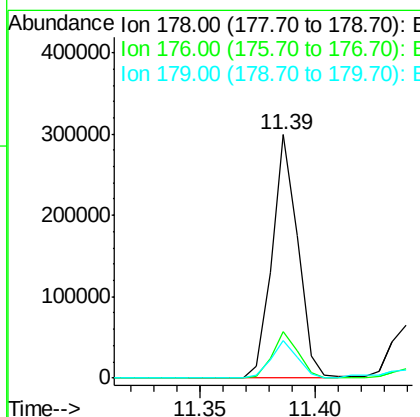
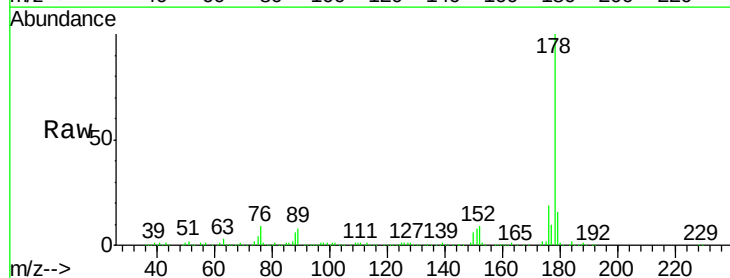
Instrument :
 BNA_F
 ClientSampleId :
 SB-1F-(0-2)

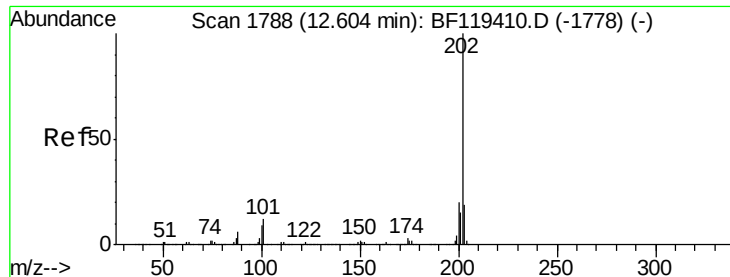
Tgt Ion: 248 Resp: 23723
 Ion Ratio Lower Upper
 248 100
 250 211.5 77.3 115.9#
 141 554.2 58.6 87.8#



#71
 Phenanthrene
 Concen: 5.52 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF119622.D
 Acq: 28 Mar 2020 17:43

Tgt Ion: 178 Resp: 230799
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.6 13.2 19.8





#75

Fluoranthene

Concen: 4.75 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF119622.D

Acq: 28 Mar 2020 17:43

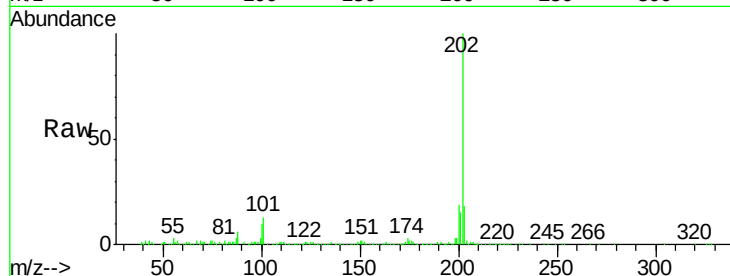
Instrument :

BNA_F

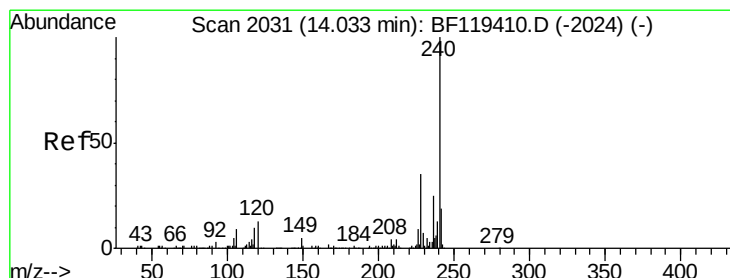
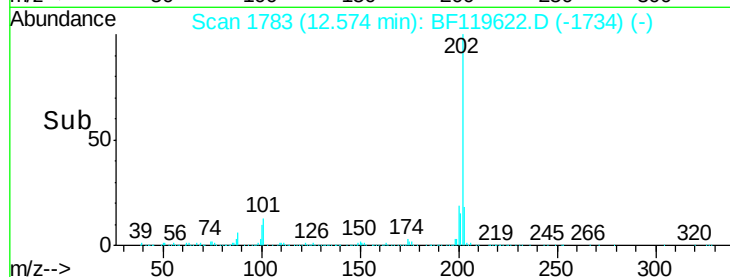
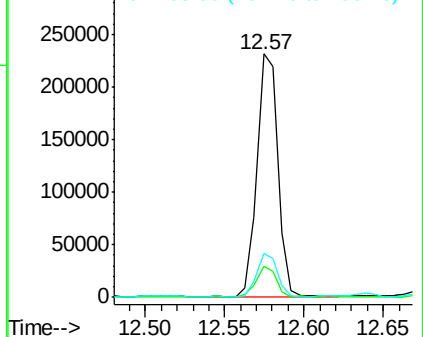
ClientSampleId :

SB-1F-(0-2)

Tgt Ion:	202	Resp:	215279
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.2
203	17.8	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: 20.00 ng

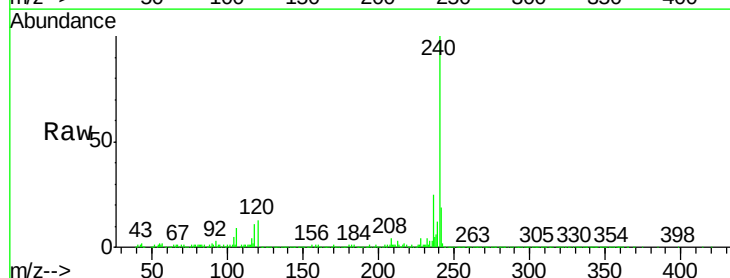
RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

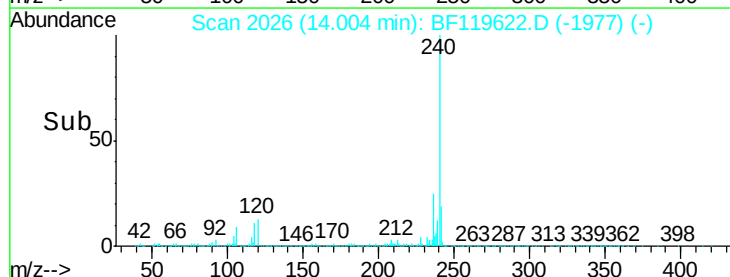
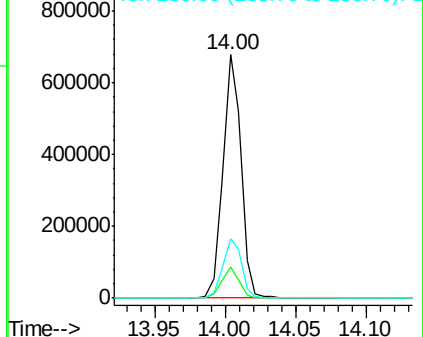
Lab File: BF119622.D

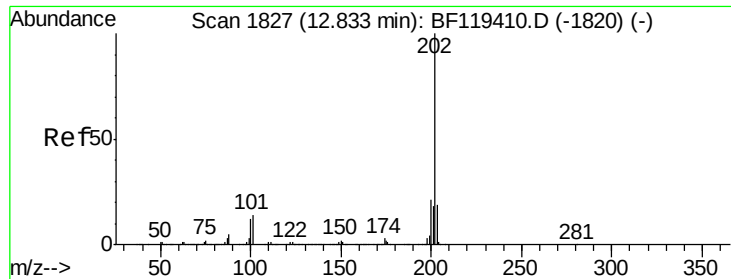
Acq: 28 Mar 2020 17:43

Tgt Ion:	240	Resp:	602143
Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.6	15.8
236	24.6	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

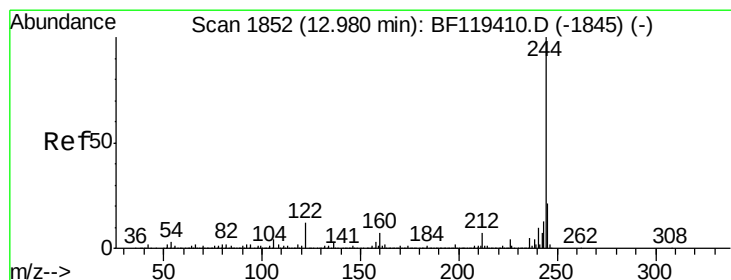
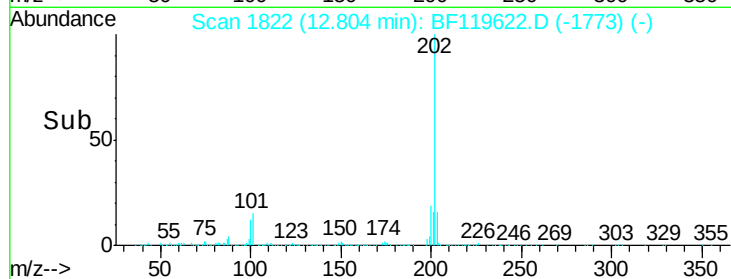
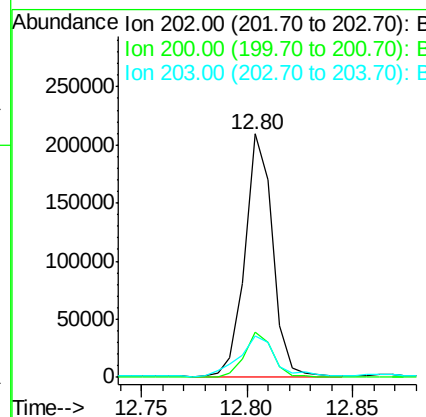
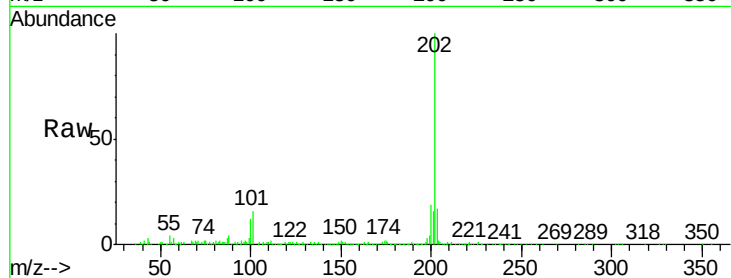




#78
 Pyrene
 Concen: 3.82 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF119622.D
 Acq: 28 Mar 2020 17:43

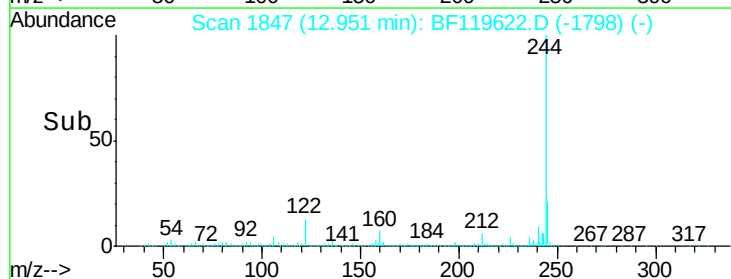
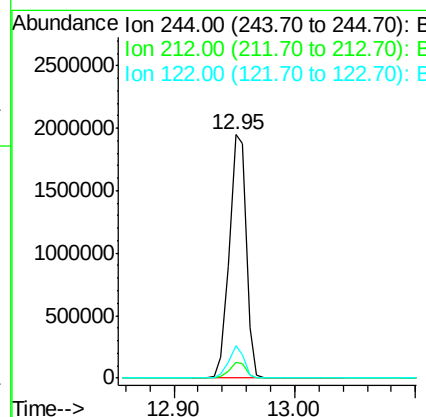
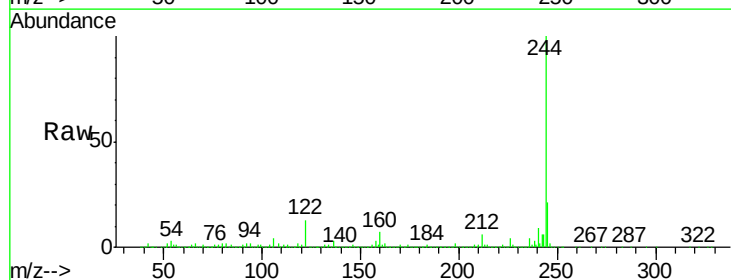
Instrument :
 BNA_F
 ClientSampleId :
 SB-1F-(0-2)

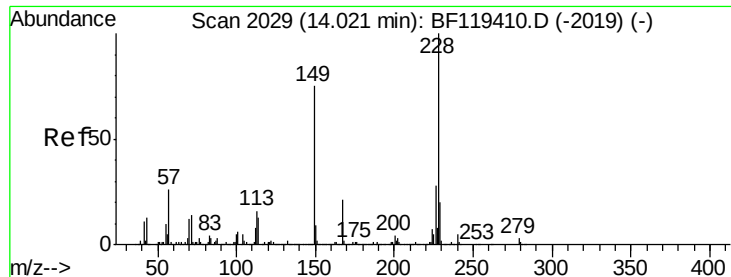
Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.8	16.8	25.2
203	16.9	15.1	22.7



#79
 Terphenyl-d14
 Concen: 61.58 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF119622.D
 Acq: 28 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	13.4	10.3	15.5

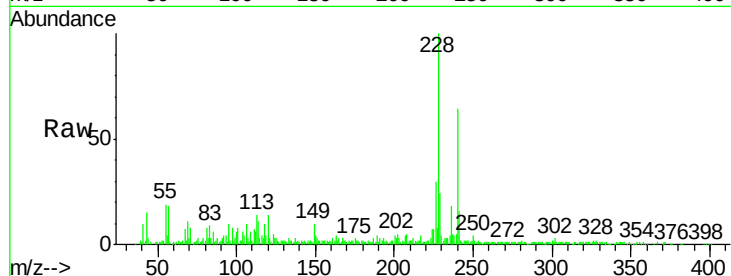




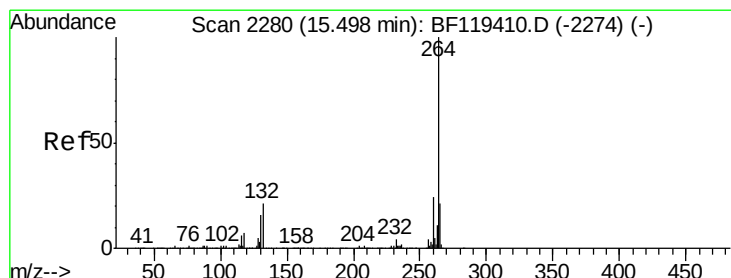
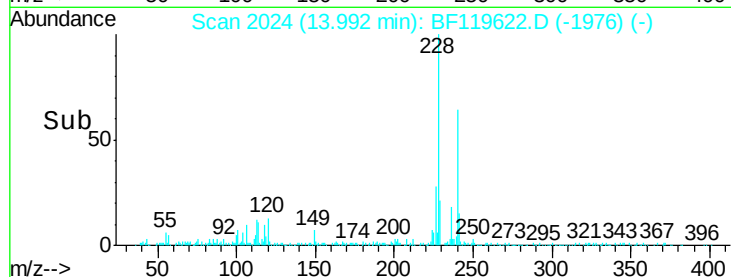
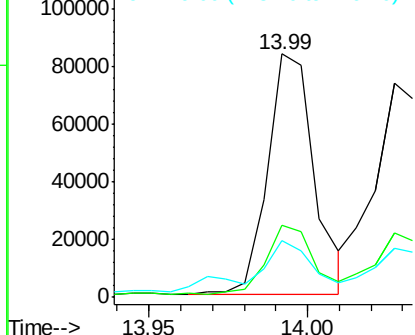
#81
Benzo(a)anthracene
Concen: 2.17 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1F-(0-2)

Tgt Ion:228 Resp: 84945
Ion Ratio Lower Upper
228 100
226 29.6 21.8 32.8
229 23.5 16.2 24.4

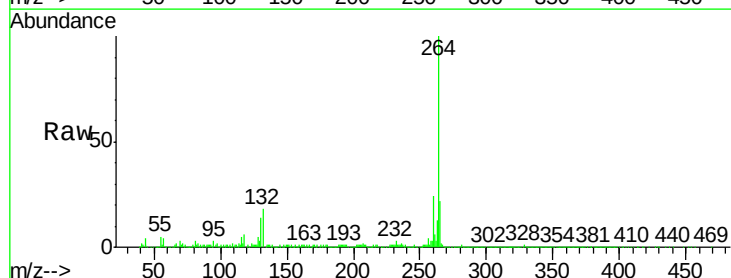


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

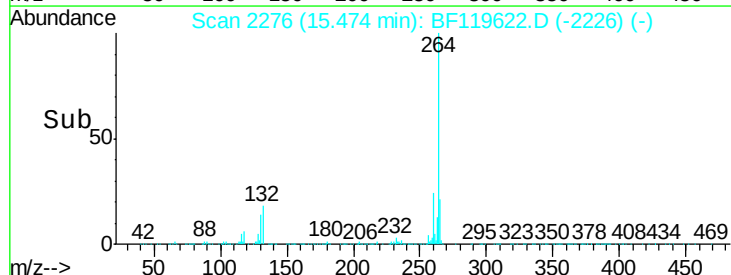
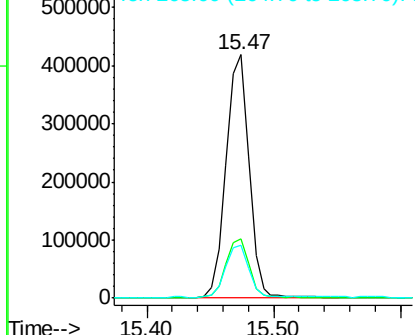


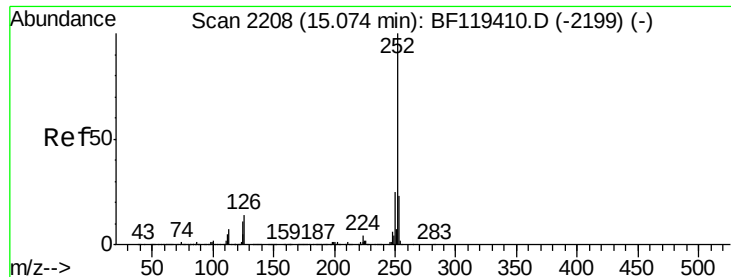
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Tgt Ion:264 Resp: 524656
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.7 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

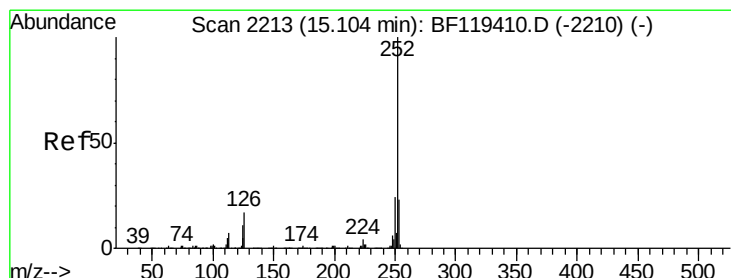
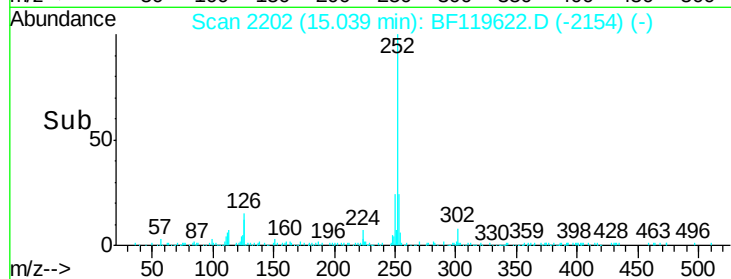
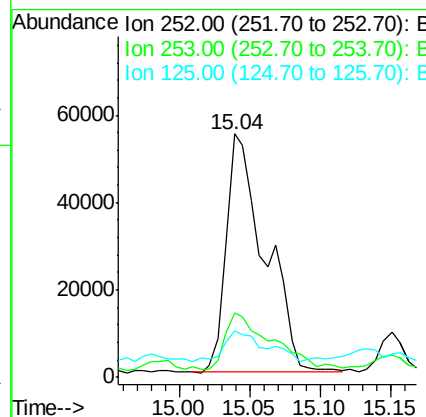
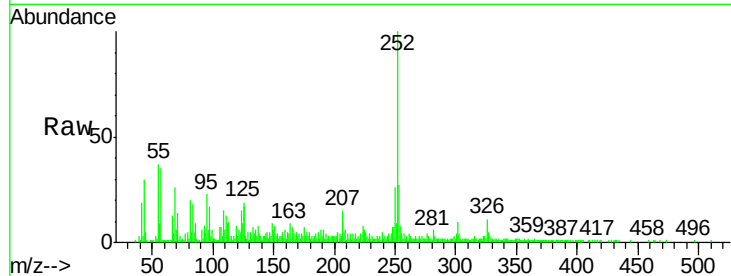




#88
Benzo(b)fluoranthene
Concen: 2.99 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1F-(0-2)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.0#
125	19.0	7.9	11.9#



#89
Benzo(k)fluoranthene
Concen: 3.14 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.05 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.8	26.6#
125	19.0	8.4	12.6#

