

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130939.D
 Acq On : 02 Nov 2022 20:01
 Operator : CG\JU
 Sample : N5395-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3-103122

Quant Time: Nov 03 03:46:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

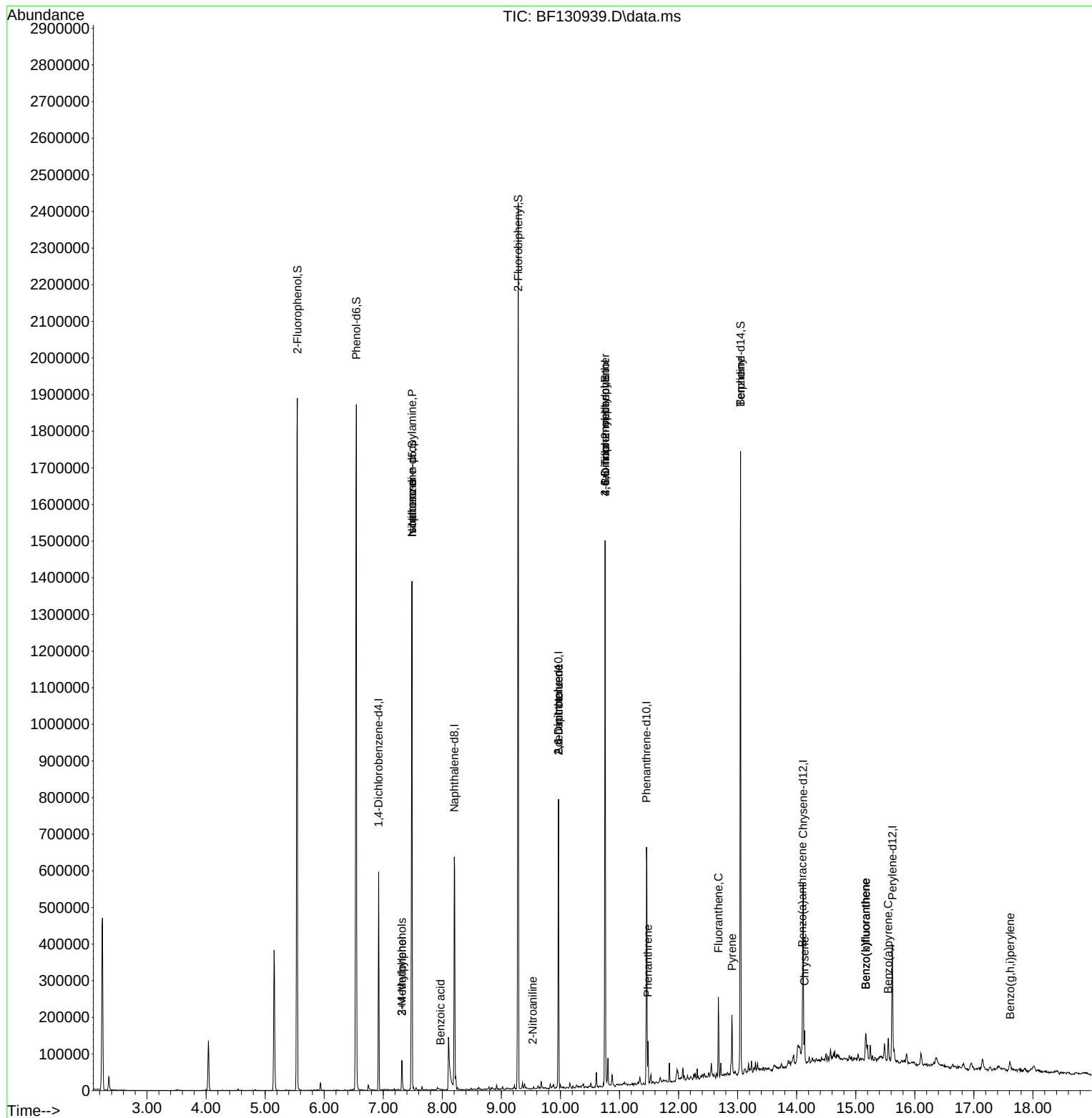
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	72012	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	275412	20.000	ng	-0.01
39) Acenaphthene-d10	9.969	164	142566	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	233161	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	144916	20.000	ng	-0.01
86) Perylene-d12	15.621	264	146758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	483481	116.393	ng	0.00
7) Phenol-d6	6.545	99	607019	112.454	ng	0.00
23) Nitrobenzene-d5	7.487	82	415687	91.011	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	150329	125.262	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	665863	70.613	ng	0.00
79) Terphenyl-d14	13.051	244	525329	66.428	ng	0.00
Target Compounds						Qvalue
17) 2-Methylphenol	7.316	107	19507	4.932	ng	# 69
19) n-Nitroso-di-n-propyla...	7.487	70	57692	15.708	ng	# 78
20) 3+4-Methylphenols	7.316	107	19507	3.793	ng	84
25) Isophorone	7.487	82	415681	44.134	ng	# 66
32) Benzoic acid	7.969	122	57	7.697	ng	# 1
48) 2-Nitroaniline	9.533	65	58	4.167	ng	# 12
51) 2,6-Dinitrotoluene	9.969	165	18786	12.294	ng	# 15
57) 2,4-Dinitrotoluene	9.969	165	18786	11.119	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.757	198	438	8.304	ng	# 1
67) 4-Bromophenyl-phenylether	10.757	248	9736	4.152	ng	# 1
71) Phenanthrene	11.480	178	37565	3.122	ng	99
75) Fluoranthene	12.674	202	76208	5.960	ng	98
77) Benzidine	13.051	184	8589	2.442	ng	# 89
78) Pyrene	12.904	202	63082	5.160	ng	99
81) Benzo(a)anthracene	14.098	228	32366	3.369	ng	96
83) Chrysene	14.133	228	30107	3.249	ng	97
88) Benzo(b)fluoranthene	15.168	252	54357	5.730	ng	# 94
89) Benzo(k)fluoranthene	15.168	252	54357	5.880	ng	# 95
90) Benzo(a)pyrene	15.551	252	28937	3.794	ng	95
92) Benzo(g,h,i)perylene	17.615	276	18918	2.334	ng	# 90

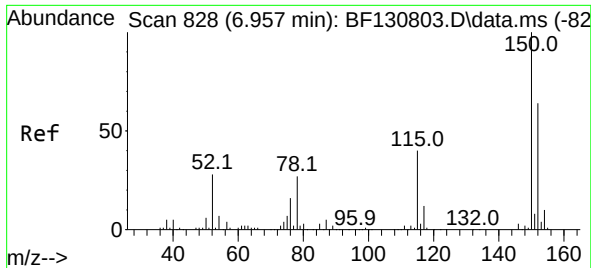
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130939.D
Acq On : 02 Nov 2022 20:01
Operator : CG\JU
Sample : N5395-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-3-103122

Quant Time: Nov 03 03:46:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 03 03:37:09 2022
Response via : Initial Calibration

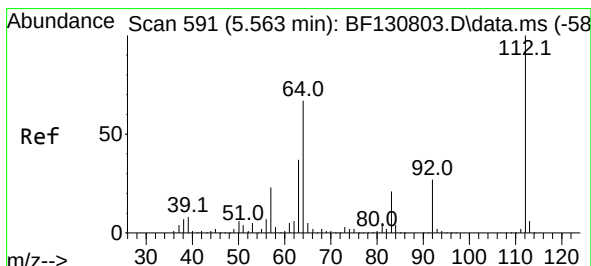
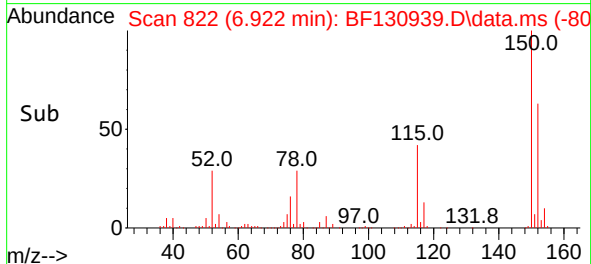
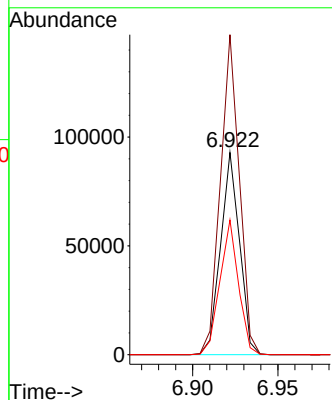
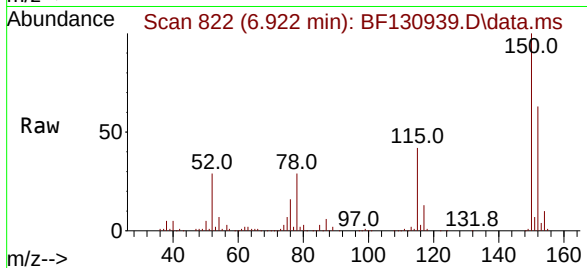




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130939.D
 Acq: 02 Nov 2022 20:01

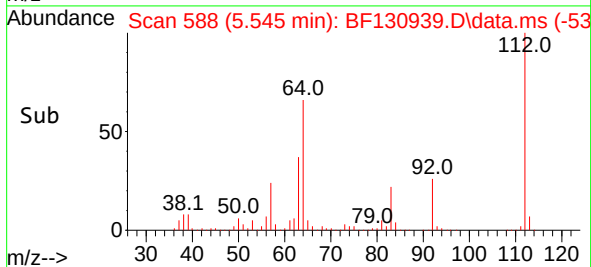
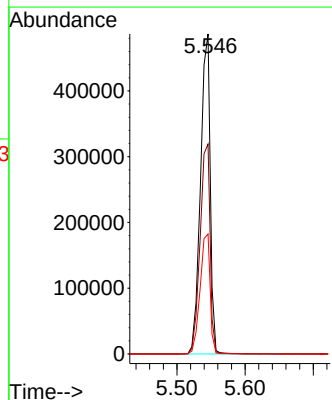
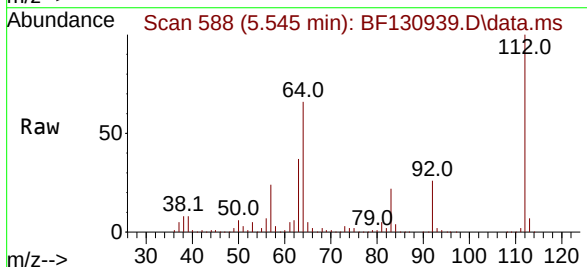
Instrument :
 BNA_F
 ClientSampleId :
 S-3-103122

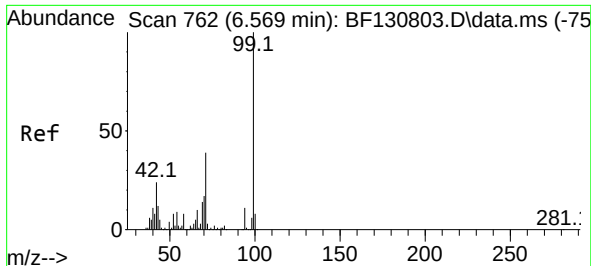
Tgt Ion:152 Resp: 72012
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.1 186.1
 115 66.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 116.393 ng
 RT: 5.545 min Scan# 588
 Delta R.T. 0.006 min
 Lab File: BF130939.D
 Acq: 02 Nov 2022 20:01

Tgt Ion:112 Resp: 483481
 Ion Ratio Lower Upper
 112 100
 64 65.6 53.9 80.9
 63 37.5 29.4 44.2

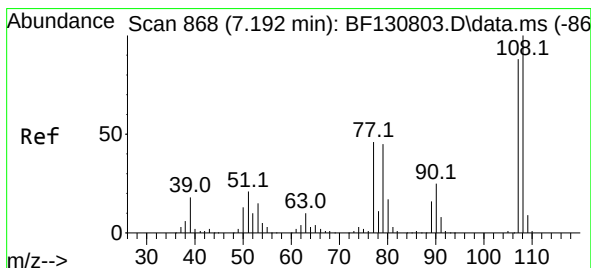
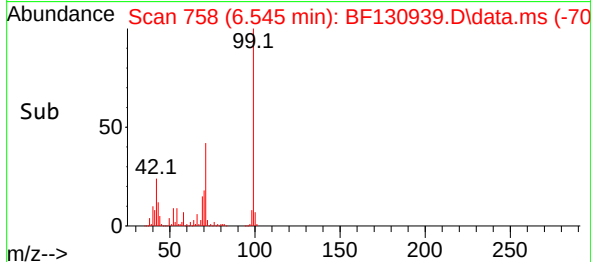
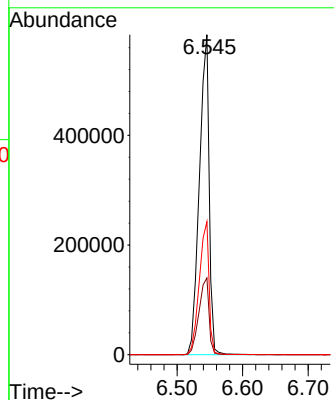
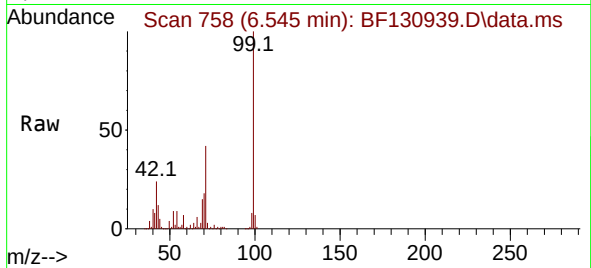




#7
Phenol-d6
Concen: 112.454 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

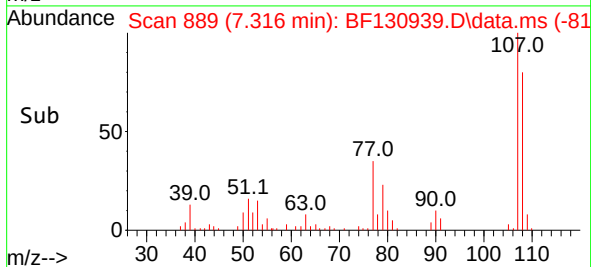
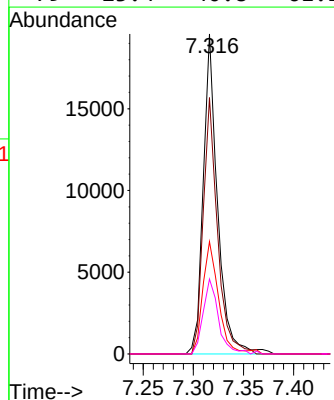
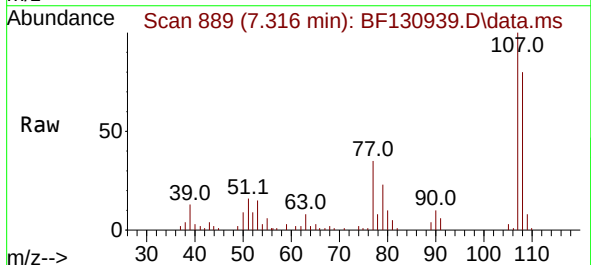
Instrument :
BNA_F
ClientSampleId :
S-3-103122

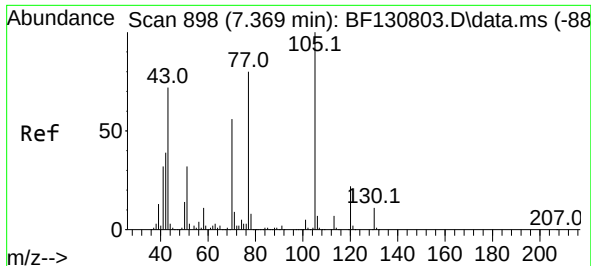
Tgt Ion: 99 Resp: 607019
Ion Ratio Lower Upper
99 100
42 24.0 18.8 28.2
71 41.6 31.4 47.0



#17
2-Methylphenol
Concen: 4.932 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

Tgt Ion: 107 Resp: 19507
Ion Ratio Lower Upper
107 100
108 80.1 90.5 135.7#
77 35.1 41.2 61.8#
79 23.4 40.8 61.2#





#19

n-Nitroso-di-n-propylamine

Concen: 15.708 ng

RT: 7.487 min Scan# 918

Delta R.T. 0.147 min

Lab File: BF130939.D

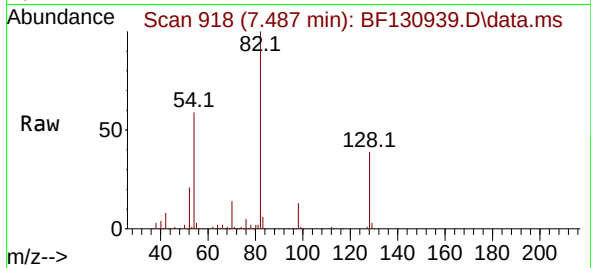
Acq: 02 Nov 2022 20:01

Instrument :

BNA_F

ClientSampleId :

S-3-103122



Tgt Ion: 70 Resp: 57692

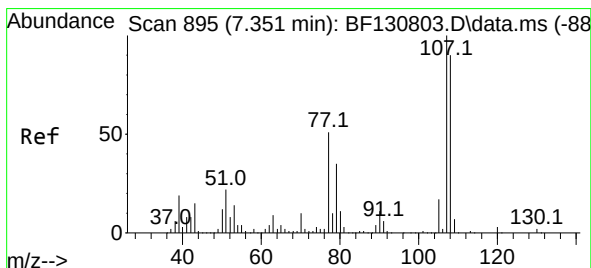
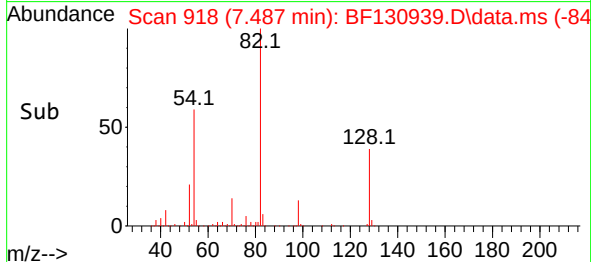
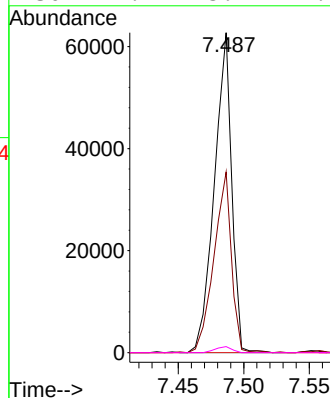
Ion Ratio Lower Upper

70 100

42 56.5 56.1 84.1

101 0.0 7.3 10.9#

130 1.9 15.2 22.8#



#20

3+4-Methylphenols

Concen: 3.793 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF130939.D

Acq: 02 Nov 2022 20:01

Tgt Ion: 107 Resp: 19507

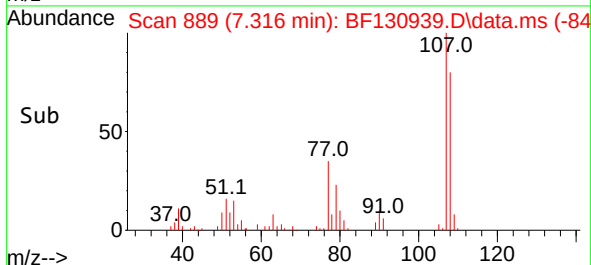
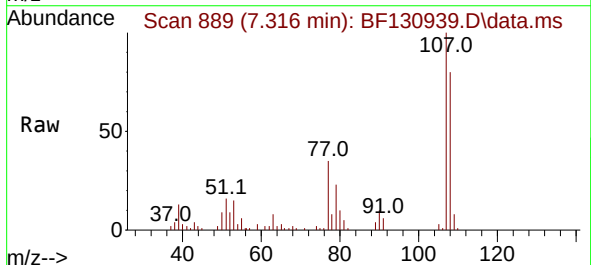
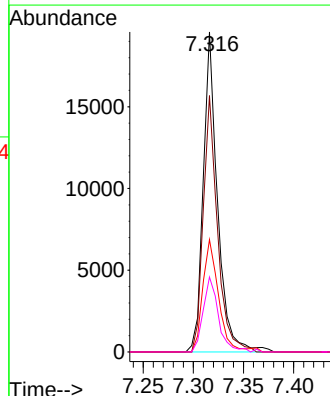
Ion Ratio Lower Upper

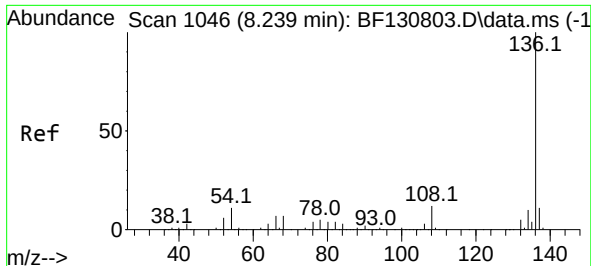
107 100

108 80.1 70.4 110.4

77 35.1 31.1 71.1

79 23.4 14.5 54.5



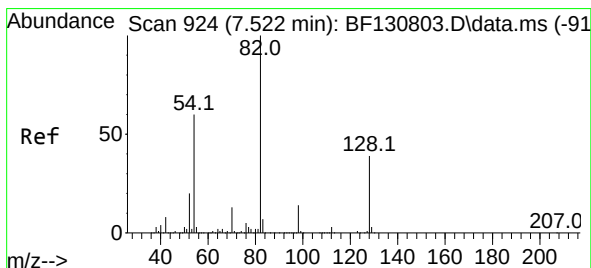
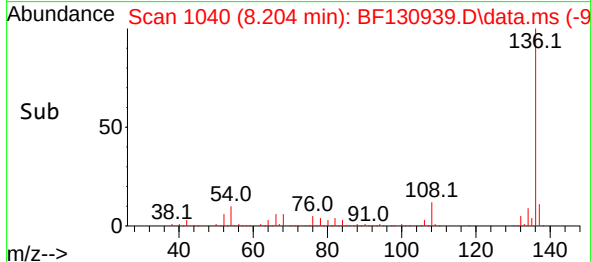
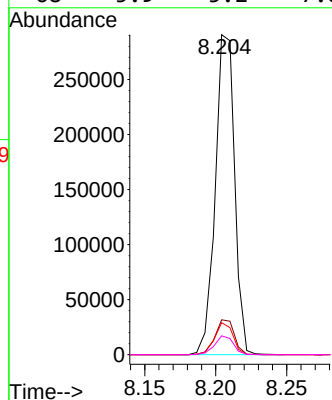
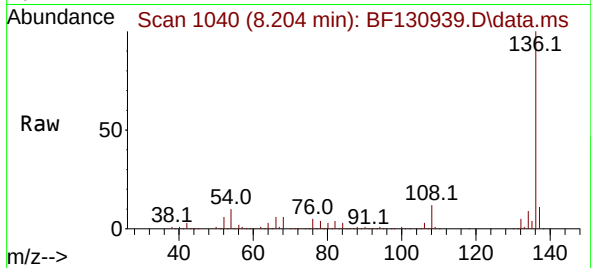


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

Instrument :
BNA_F
ClientSampleId :
S-3-103122

Tgt Ion:136 Resp: 275412

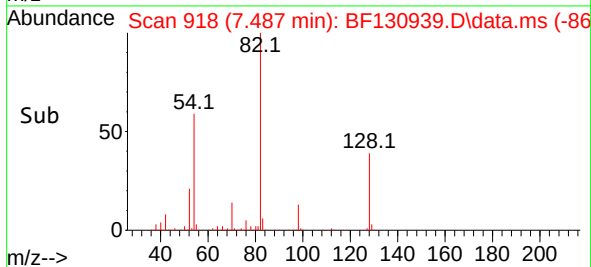
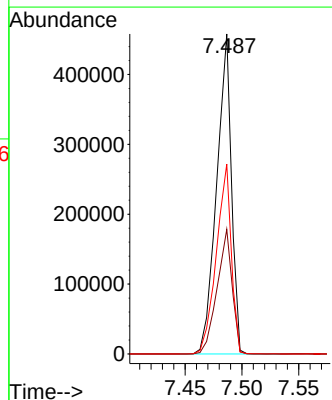
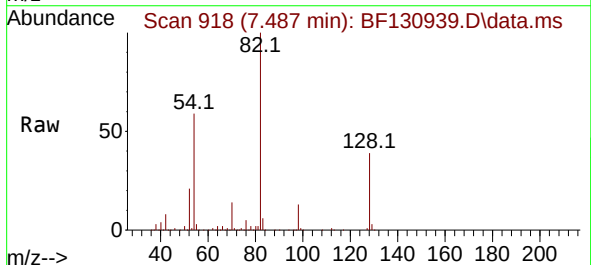
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	10.0	8.8	13.2
68	5.9	5.2	7.8

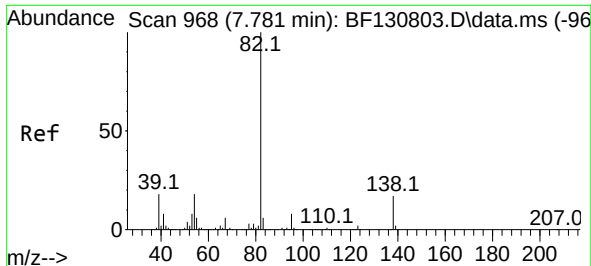


#23
Nitrobenzene-d5
Concen: 91.011 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

Tgt Ion: 82 Resp: 415687

Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.2	46.8
54	59.4	48.0	72.0

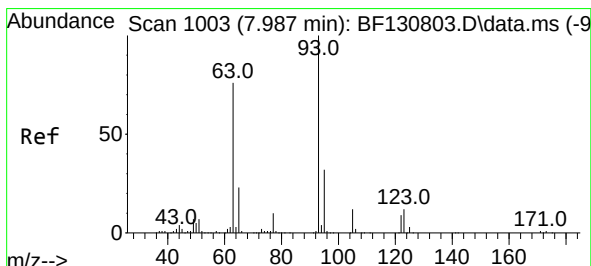
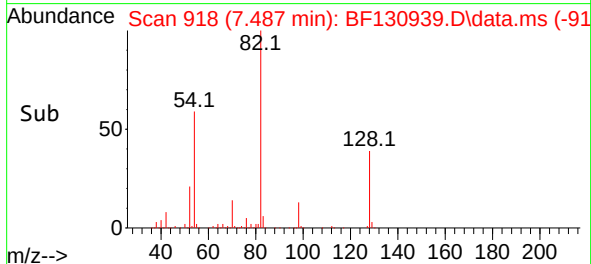
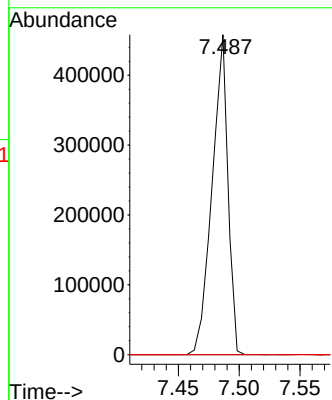
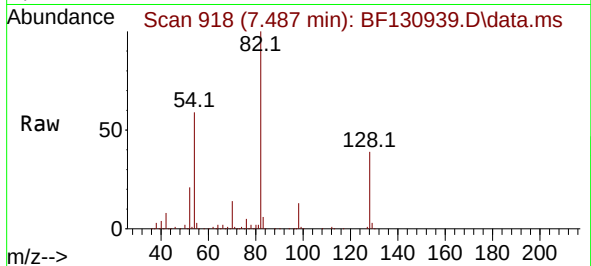




#25
Isophorone
Concen: 44.134 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

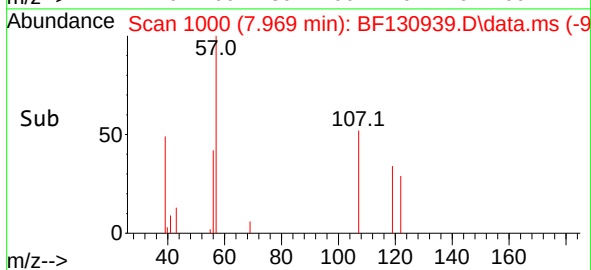
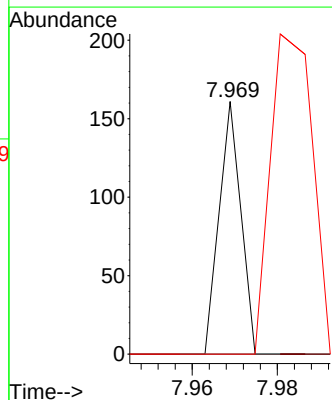
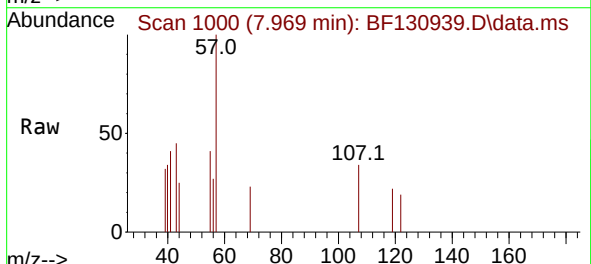
Instrument :
BNA_F
ClientSampleId :
S-3-103122

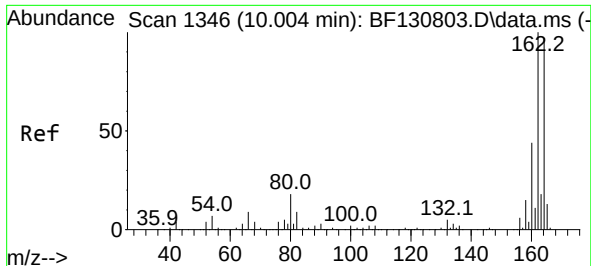
Tgt Ion: 82 Resp: 415681
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.697 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

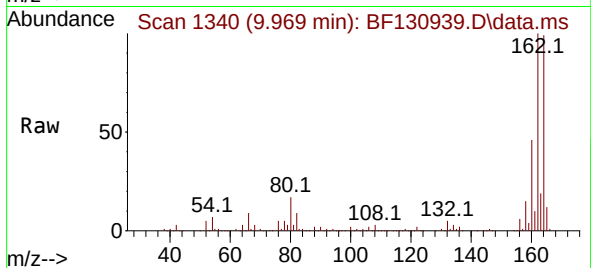
Tgt Ion: 122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 0.0 89.8 129.8#



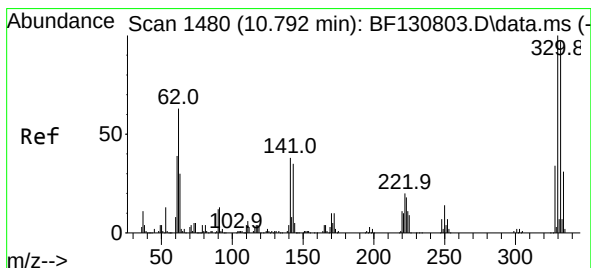
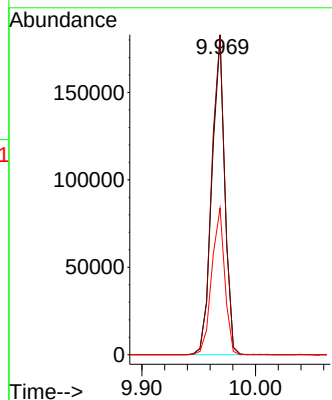
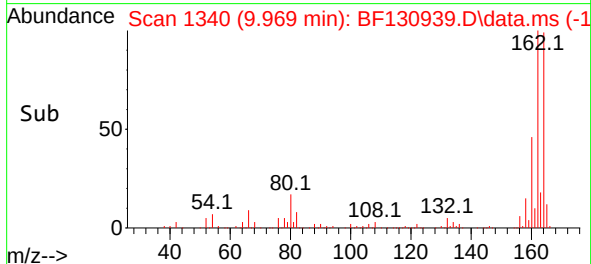


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

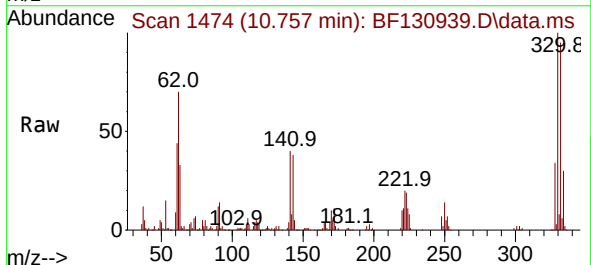
Instrument :
BNA_F
ClientSampleId :
S-3-103122



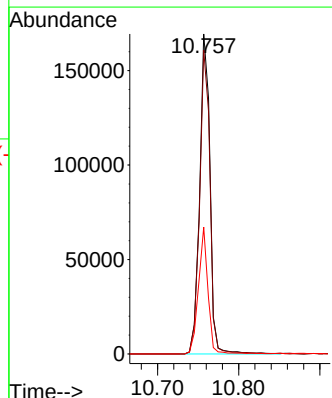
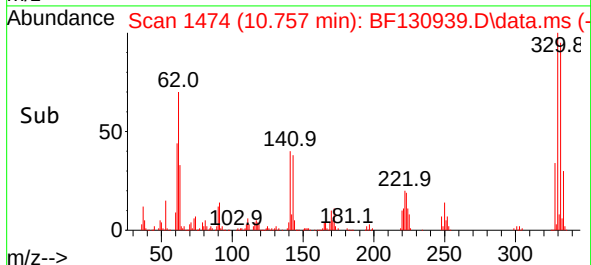
Tgt Ion:164 Resp: 142566
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.2
160 46.3 36.6 54.8

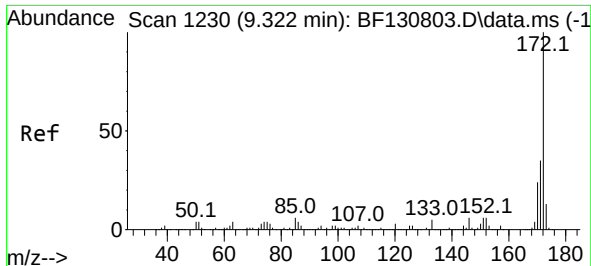


#42
2,4,6-Tribromophenol
Concen: 125.262 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01



Tgt Ion:330 Resp: 150329
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 36.5 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 70.613 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF130939.D

Acq: 02 Nov 2022 20:01

Instrument :

BNA_F

ClientSampleId :

S-3-103122

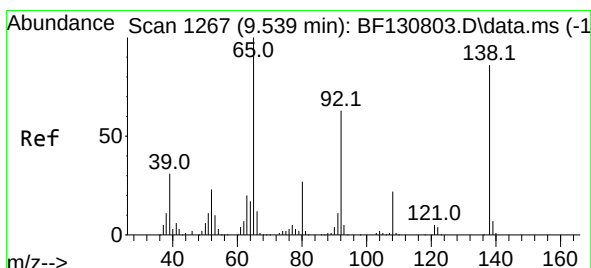
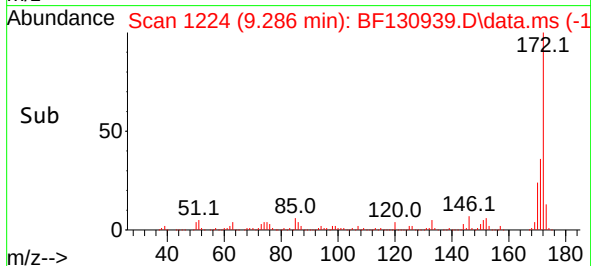
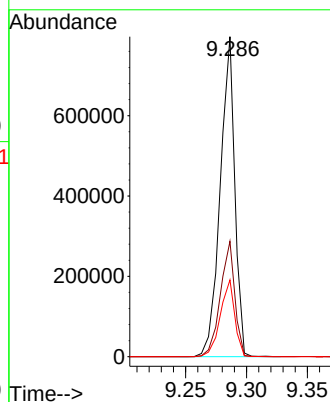
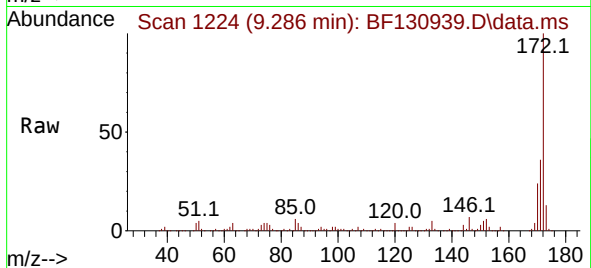
Tgt Ion:172 Resp: 665863

Ion Ratio Lower Upper

172 100

171 36.1 28.1 42.1

170 24.0 19.0 28.4



#48

2-Nitroaniline

Concen: 4.167 ng

RT: 9.533 min Scan# 1266

Delta R.T. 0.018 min

Lab File: BF130939.D

Acq: 02 Nov 2022 20:01

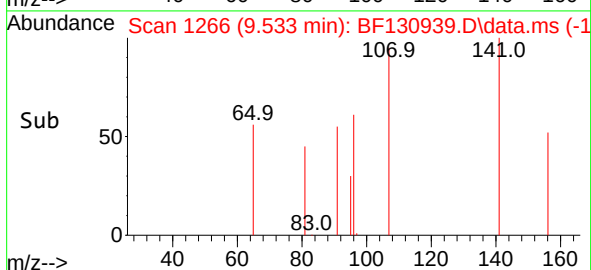
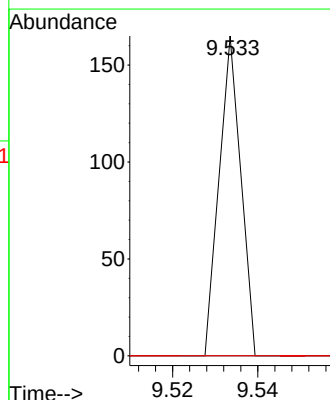
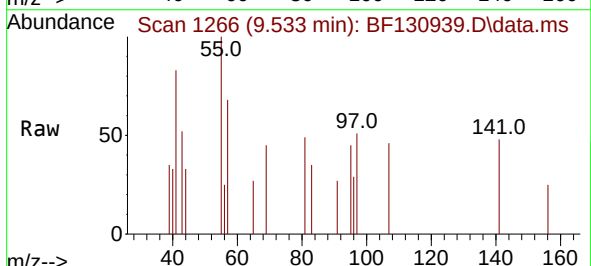
Tgt Ion: 65 Resp: 58

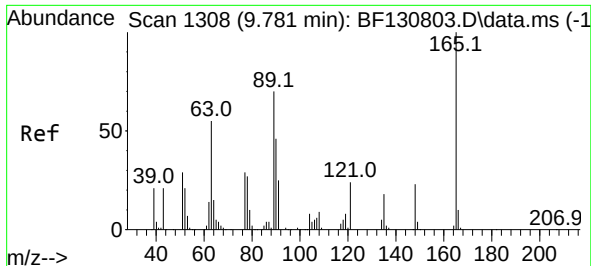
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

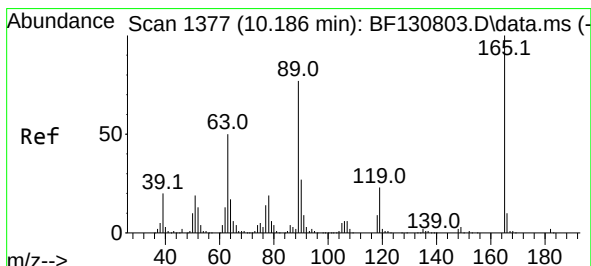
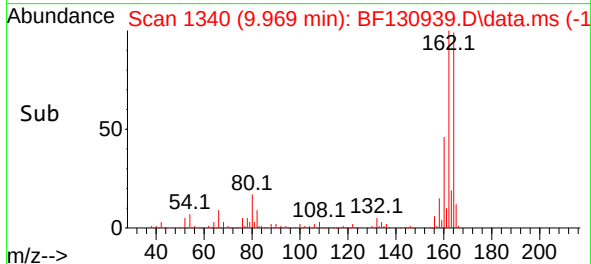
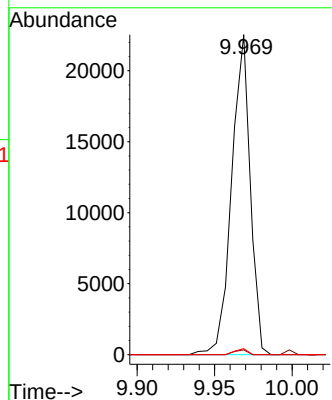
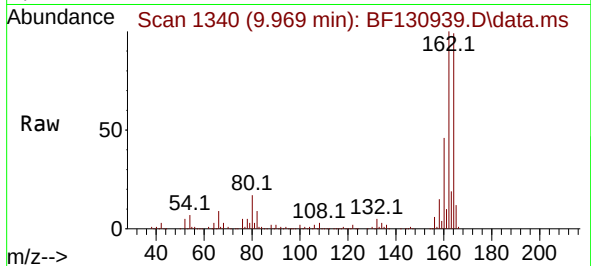




#51
2,6-Dinitrotoluene
Concen: 12.294 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

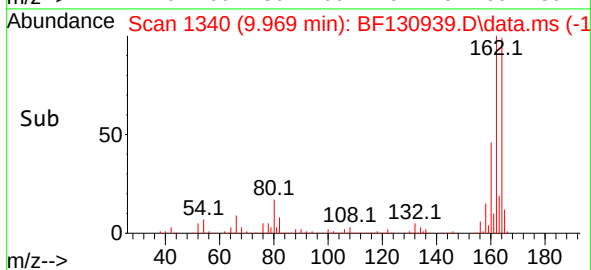
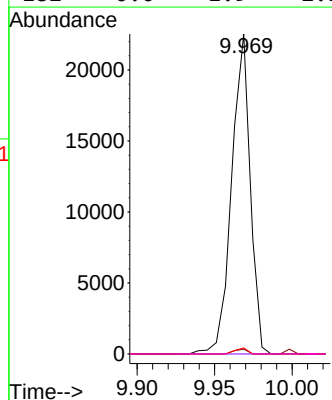
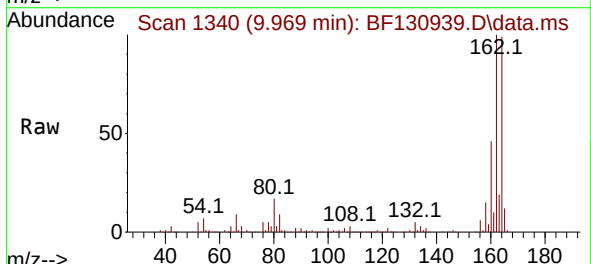
Instrument :
BNA_F
ClientSampleId :
S-3-103122

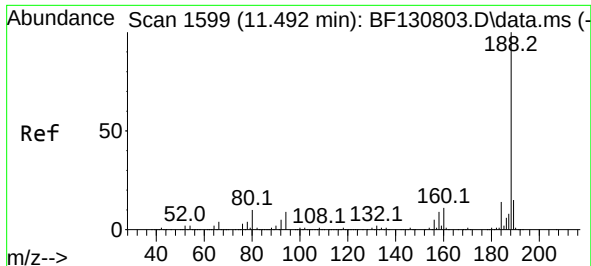
Tgt Ion:165 Resp: 18786
Ion Ratio Lower Upper
165 100
63 1.5 61.8 92.8#
89 1.9 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 11.119 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.194 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

Tgt Ion:165 Resp: 18786
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.9 61.9 92.9#
182 0.0 1.9 2.9#

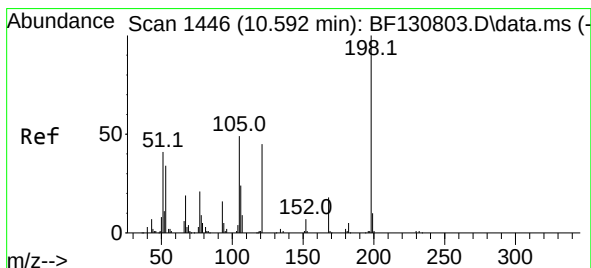
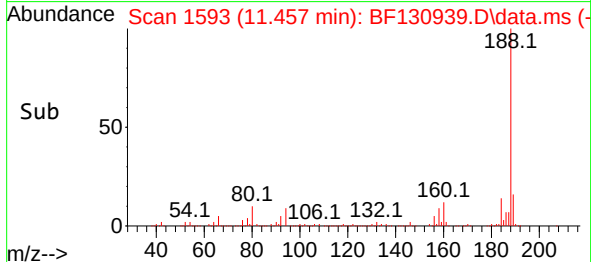
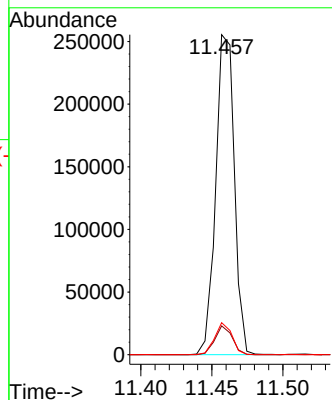
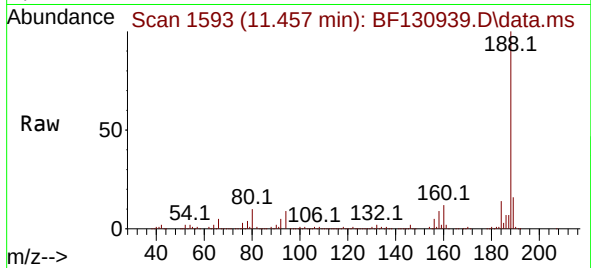




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

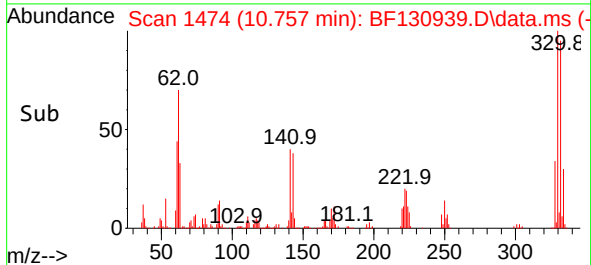
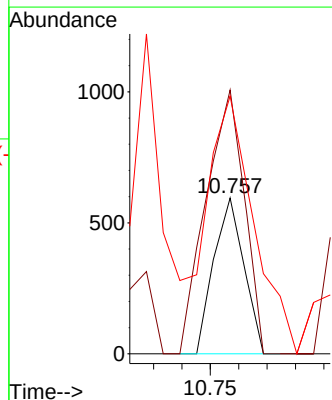
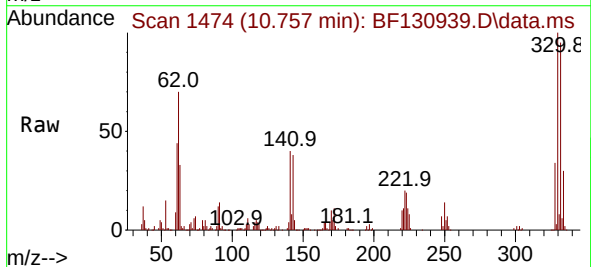
Instrument :
BNA_F
ClientSampleId :
S-3-103122

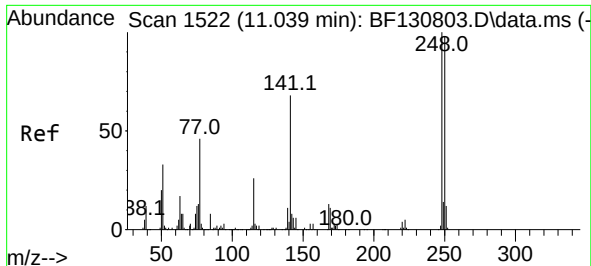
Tgt Ion:188 Resp: 233161
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.0 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.304 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.188 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

Tgt Ion:198 Resp: 438
Ion Ratio Lower Upper
198 100
51 169.2 39.0 79.0#
105 165.4 30.6 70.6#

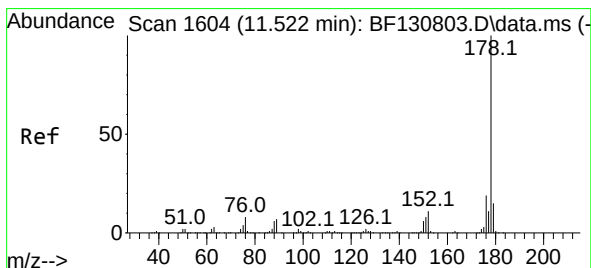
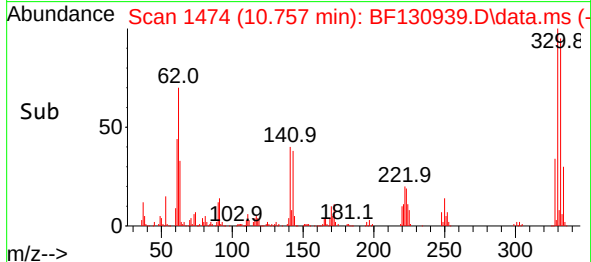
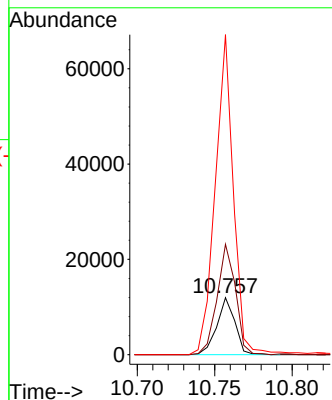
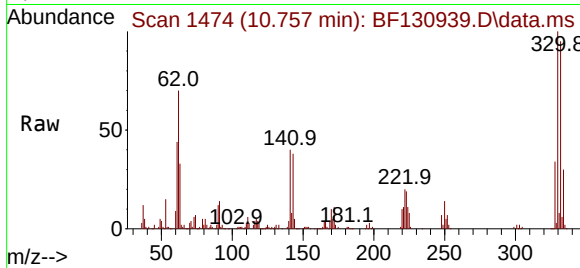




#67
4-Bromophenyl-phenylether
Concen: 4.152 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

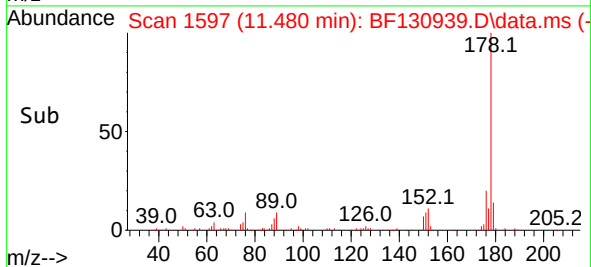
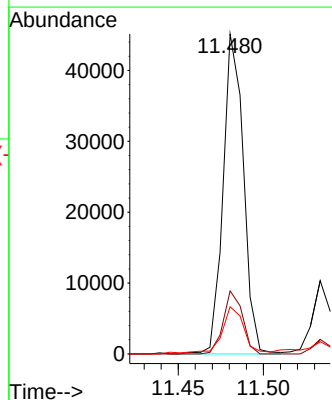
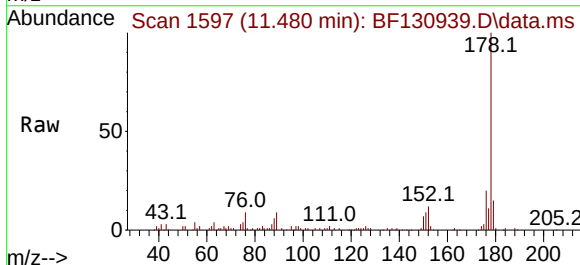
Instrument :
BNA_F
ClientSampleId :
S-3-103122

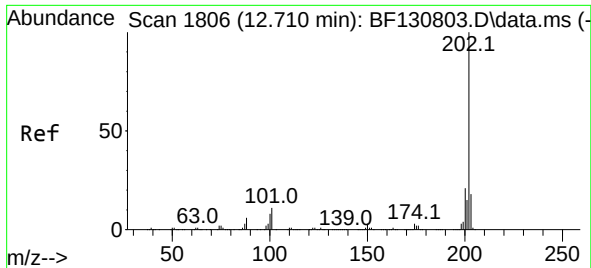
Tgt Ion:248 Resp: 9736
Ion Ratio Lower Upper
248 100
250 193.7 78.6 117.8#
141 561.4 54.2 81.4#



#71
Phenanthrene
Concen: 3.122 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

Tgt Ion:178 Resp: 37565
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 14.7 12.2 18.2

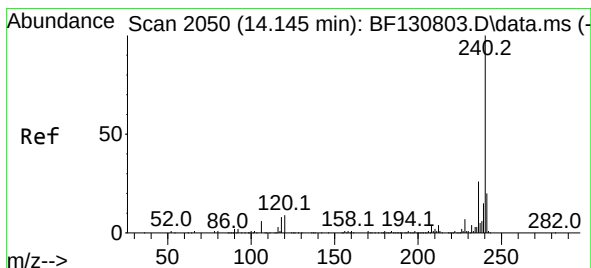
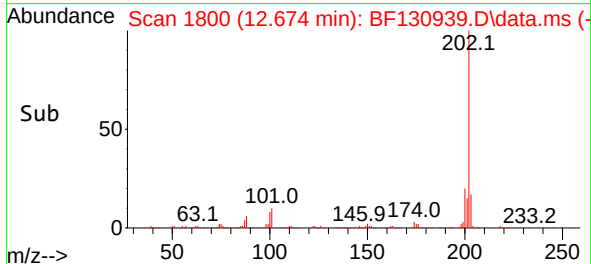
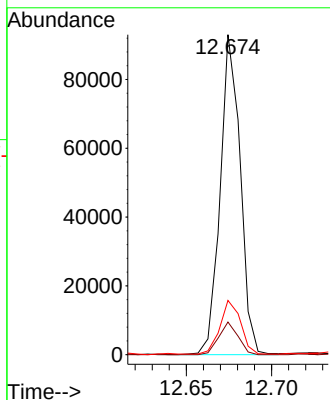
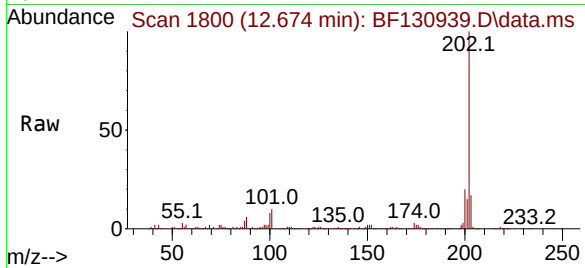




#75
Fluoranthene
Concen: 5.960 ng
RT: 12.674 min Scan# 1806
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

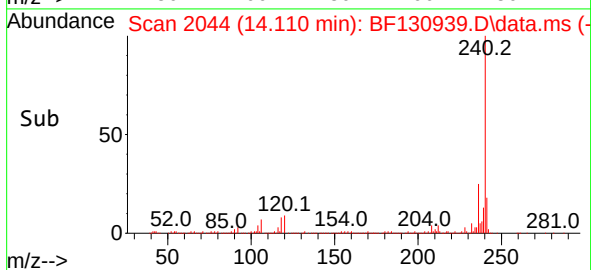
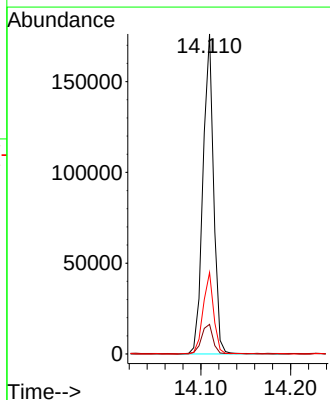
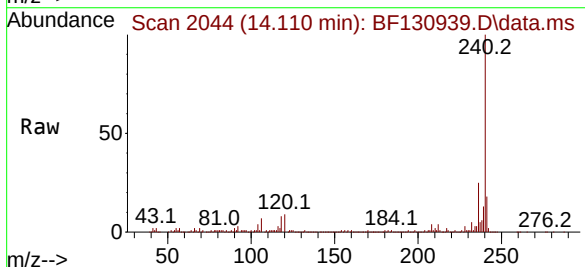
Instrument :
BNA_F
ClientSampleId :
S-3-103122

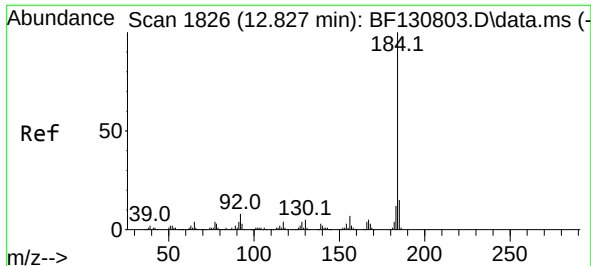
Tgt Ion:202 Resp: 76208
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.9
203 17.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

Tgt Ion:240 Resp: 144916
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.4
236 25.4 20.5 30.7

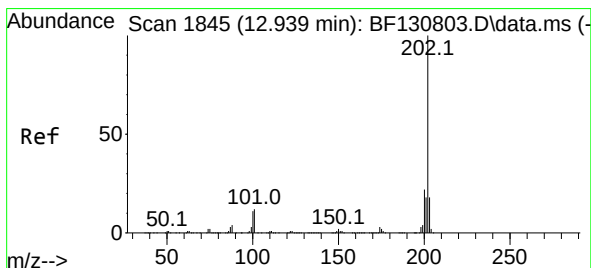
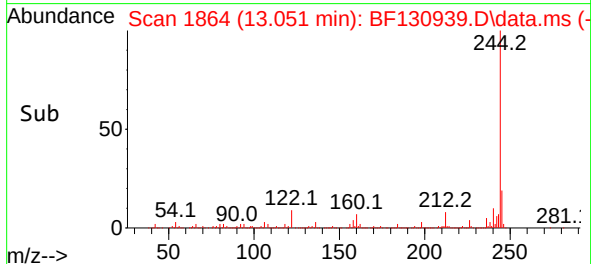
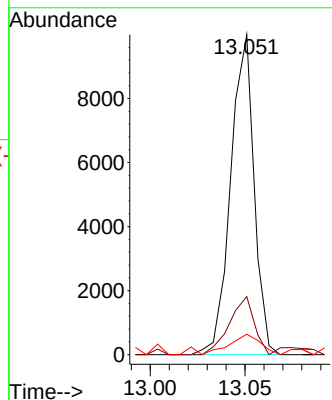
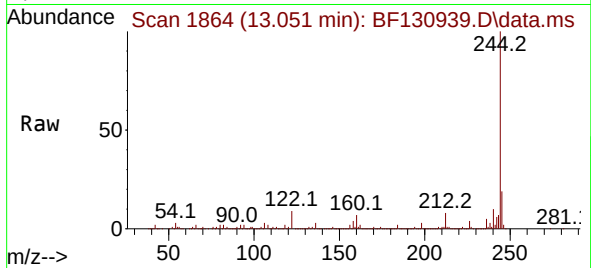




#77
Benzidine
Concen: 2.442 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.247 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

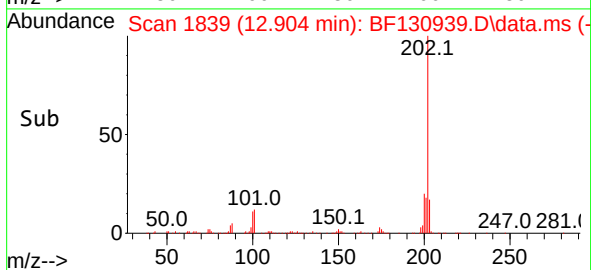
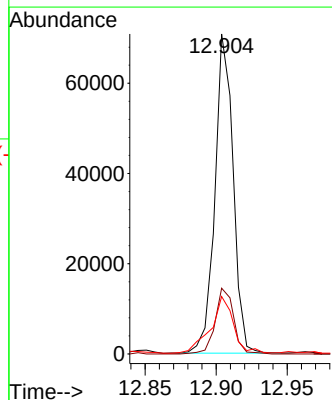
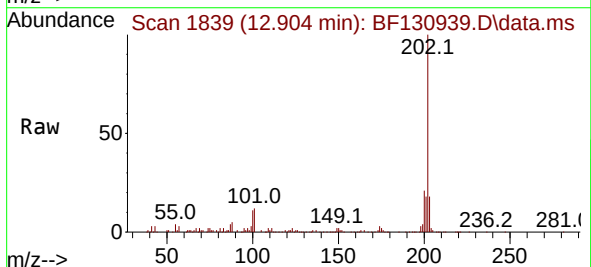
Instrument :
BNA_F
ClientSampleId :
S-3-103122

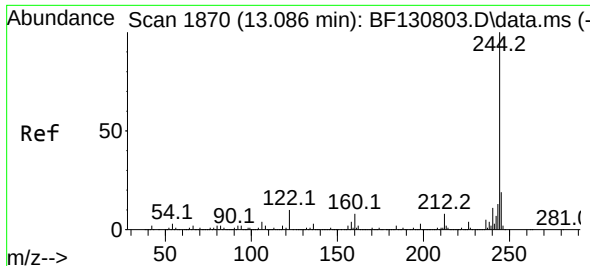
Tgt Ion:184 Resp: 8589
Ion Ratio Lower Upper
184 100
185 18.2 11.8 17.8#
183 6.4 9.7 14.5#



#78
Pyrene
Concen: 5.160 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

Tgt Ion:202 Resp: 63082
Ion Ratio Lower Upper
202 100
200 20.6 17.2 25.8
203 18.0 14.5 21.7

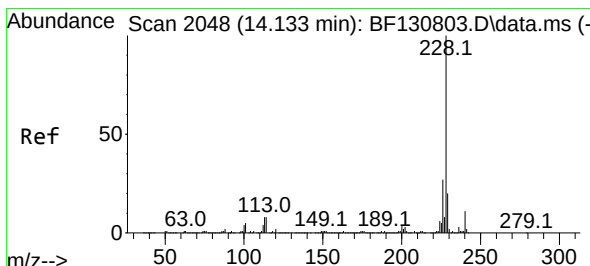
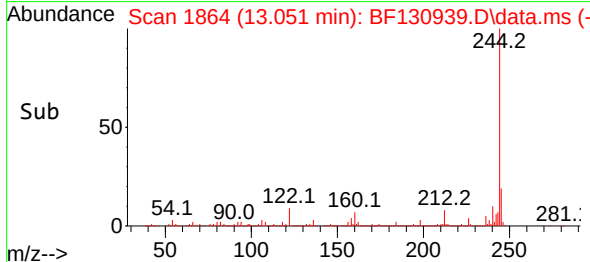
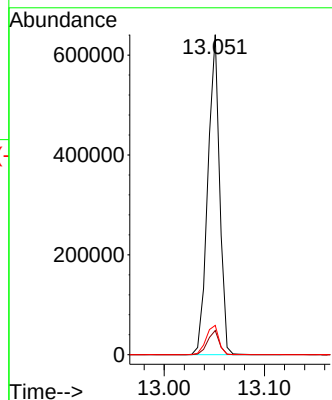
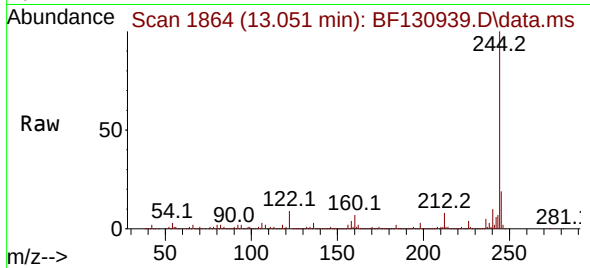




#79
 Terphenyl-d14
 Concen: 66.428 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. -0.006 min
 Lab File: BF130939.D
 Acq: 02 Nov 2022 20:01

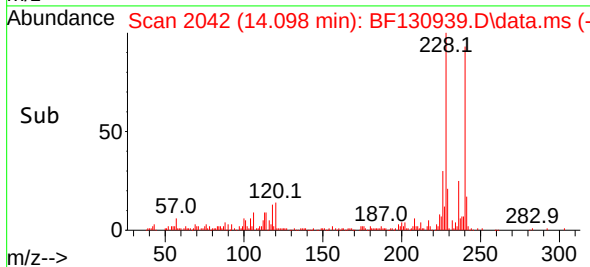
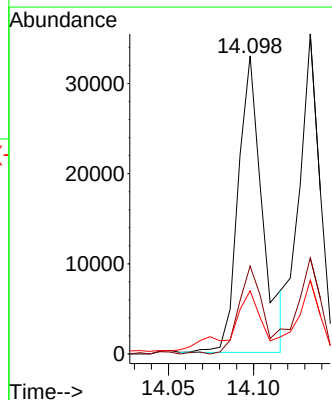
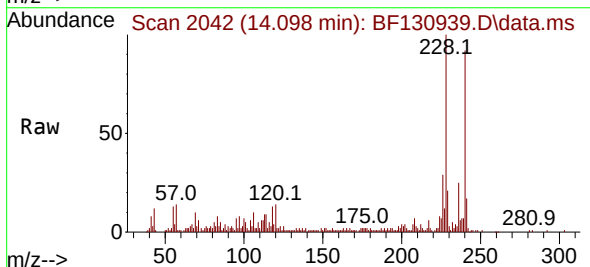
Instrument :
 BNA_F
 ClientSampleId :
 S-3-103122

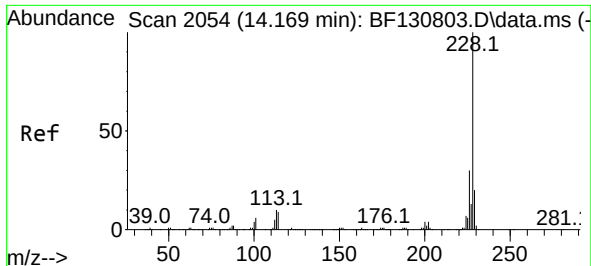
Tgt Ion:244 Resp: 525329
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.1 7.9 11.9



#81
 Benzo(a)anthracene
 Concen: 3.369 ng
 RT: 14.098 min Scan# 2042
 Delta R.T. -0.012 min
 Lab File: BF130939.D
 Acq: 02 Nov 2022 20:01

Tgt Ion:228 Resp: 32366
 Ion Ratio Lower Upper
 228 100
 226 29.5 21.4 32.2
 229 21.2 15.8 23.6

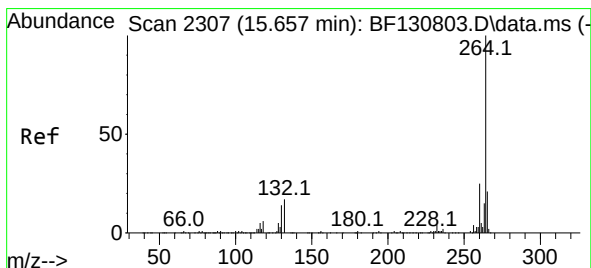
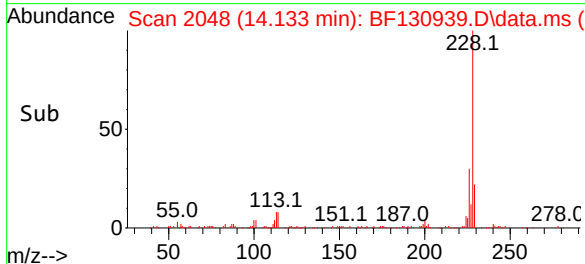
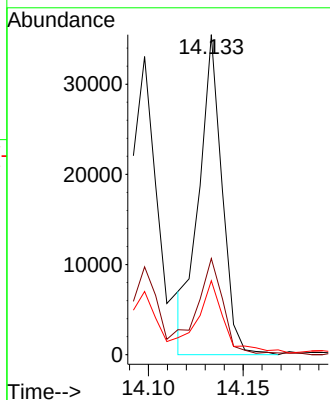
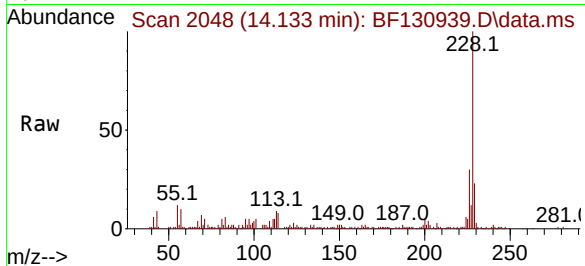




#83
Chrysene
Concen: 3.249 ng
RT: 14.133 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

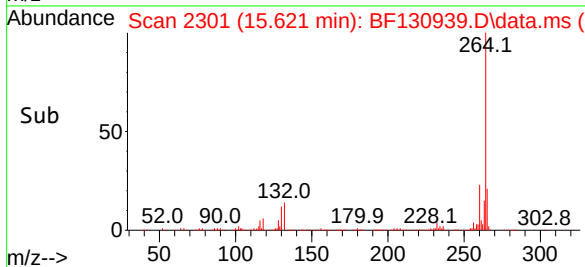
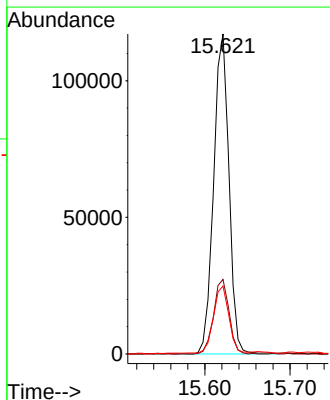
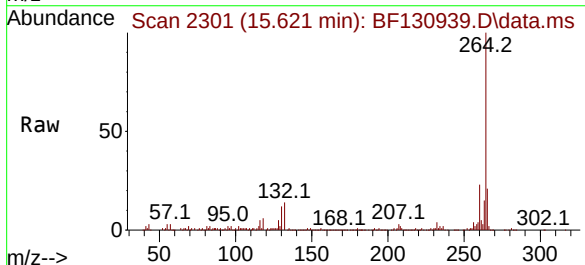
Instrument :
BNA_F
ClientSampleId :
S-3-103122

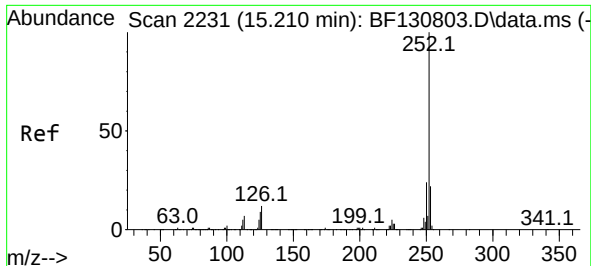
Tgt Ion:228 Resp: 30107
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 23.1 15.8 23.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

Tgt Ion:264 Resp: 146758
Ion Ratio Lower Upper
264 100
260 23.3 19.9 29.9
265 21.3 17.0 25.6

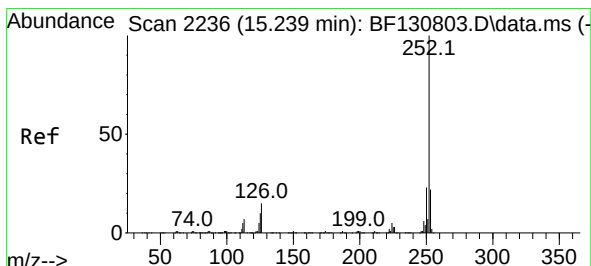
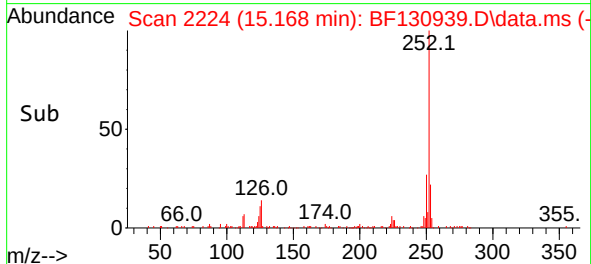
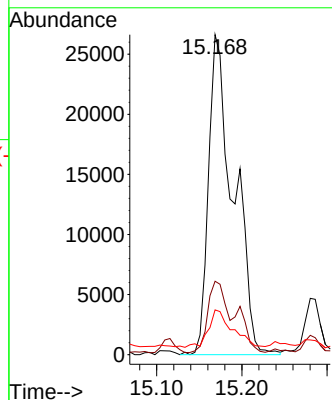
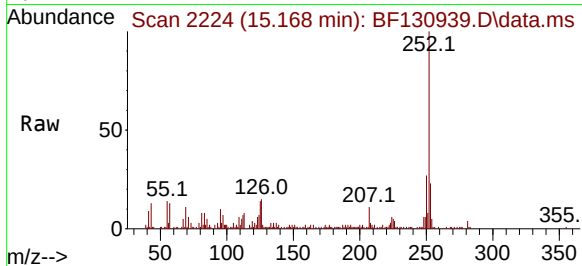




#88
Benzo(b)fluoranthene
Concen: 5.730 ng
RT: 15.168 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

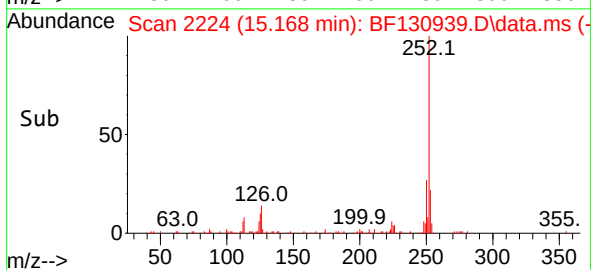
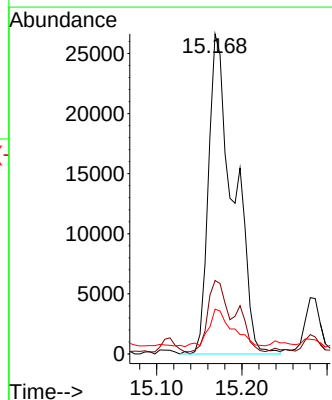
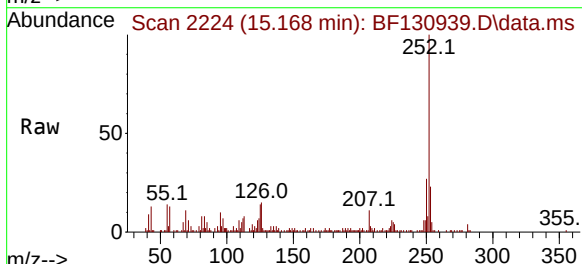
Instrument :
BNA_F
ClientSampleId :
S-3-103122

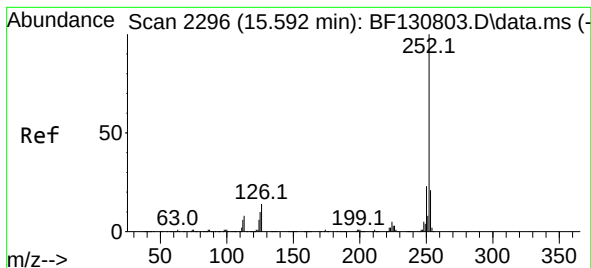
Tgt Ion:252 Resp: 54357
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 14.0 7.0 10.4#



#89
Benzo(k)fluoranthene
Concen: 5.880 ng
RT: 15.168 min Scan# 2224
Delta R.T. -0.047 min
Lab File: BF130939.D
Acq: 02 Nov 2022 20:01

Tgt Ion:252 Resp: 54357
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 14.0 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 3.794 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF130939.D

Acq: 02 Nov 2022 20:01

Instrument :

BNA_F

ClientSampleId :

S-3-103122

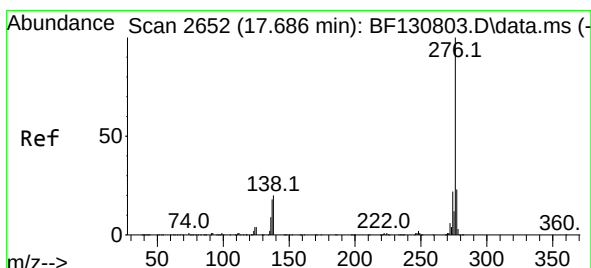
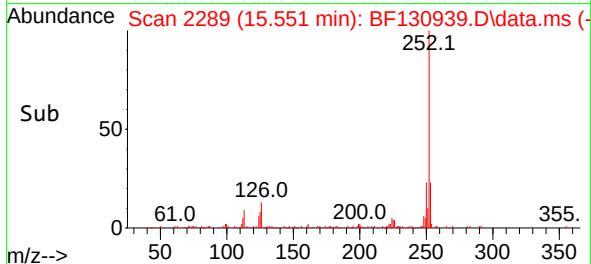
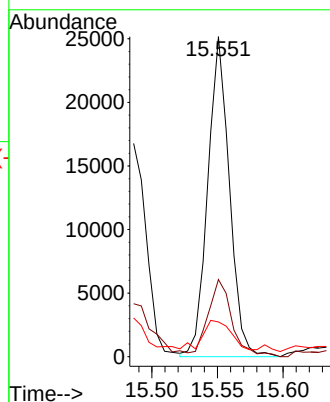
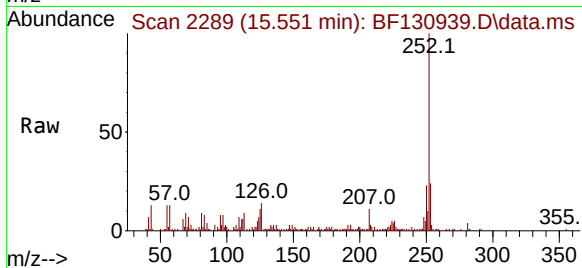
Tgt Ion:252 Resp: 28937

Ion Ratio Lower Upper

252 100

253 24.1 16.8 25.2

125 10.8 8.3 12.5



#92

Benzo(g,h,i)perylene

Concen: 2.334 ng

RT: 17.615 min Scan# 2640

Delta R.T. -0.035 min

Lab File: BF130939.D

Acq: 02 Nov 2022 20:01

Tgt Ion:276 Resp: 18918

Ion Ratio Lower Upper

276 100

277 20.1 18.8 28.2

138 14.1 16.3 24.5#

