

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130918.D
 Acq On : 02 Nov 2022 00:49
 Operator : CG\JU
 Sample : N5234-06 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:27:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

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

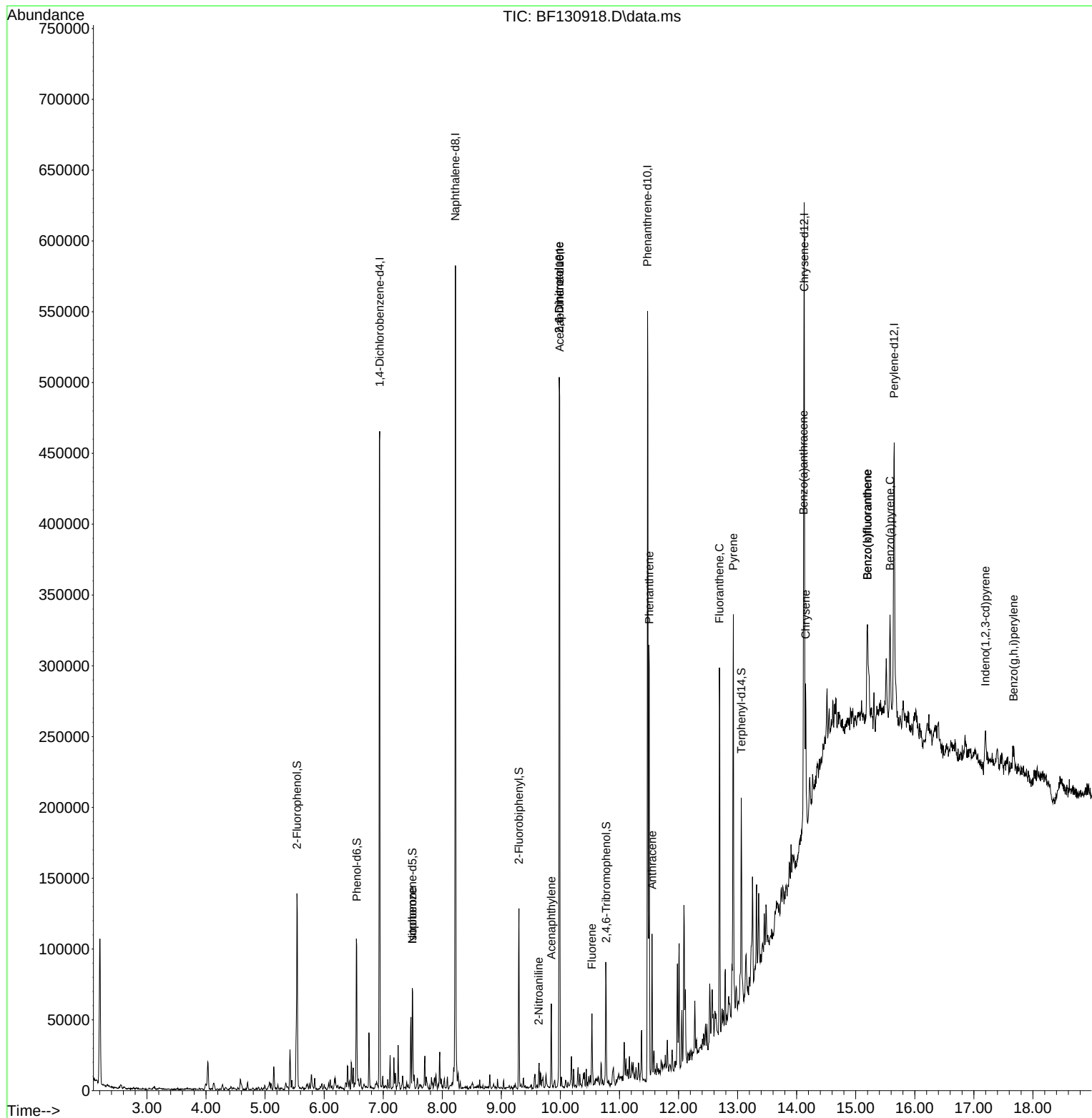
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	64623	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	209946	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	98323	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	194991	20.000	ng	0.00
76) Chrysene-d12	14.127	240	124828	20.000	ng	0.00
86) Perylene-d12	15.651	264	91006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	27636	7.414	ng	-0.01
7) Phenol-d6	6.551	99	32543	6.718	ng	0.00
23) Nitrobenzene-d5	7.492	82	18089	5.195	ng	-0.01
42) 2,4,6-Tribromophenol	10.775	330	6820	8.240	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	34022	5.231	ng	0.00
79) Terphenyl-d14	13.063	244	40367	5.926	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.492	82	18089	2.519	ng	# 66
48) 2-Nitroaniline	9.634	65	55	4.175	ng	# 12
49) Acenaphthylene	9.845	152	21381	2.409	ng	99
51) 2,6-Dinitrotoluene	9.981	165	13422	12.636	ng	# 15
57) 2,4-Dinitrotoluene	9.981	165	13422	11.385	ng	# 21
58) Fluorene	10.533	166	13197	2.107	ng	93
71) Phenanthrene	11.504	178	110064	10.936	ng	98
72) Anthracene	11.551	178	33414	3.366	ng	98
75) Fluoranthene	12.692	202	97058	9.077	ng	100
78) Pyrene	12.927	202	107114	10.171	ng	98
81) Benzo(a)anthracene	14.116	228	47162	5.699	ng	92
83) Chrysene	14.151	228	37901	4.748	ng	95
87) Indeno(1,2,3-cd)pyrene	17.198	276	15153	2.507	ng	98
88) Benzo(b)fluoranthene	15.198	252	51959	8.832	ng	# 90
89) Benzo(k)fluoranthene	15.198	252	51959	9.064	ng	# 90
90) Benzo(a)pyrene	15.580	252	34777	7.354	ng	# 93
92) Benzo(g,h,i)perylene	17.674	276	13240	2.634	ng	# 90

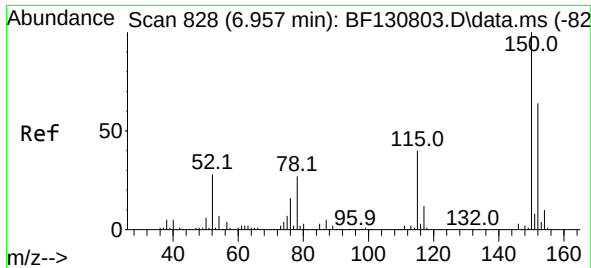
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
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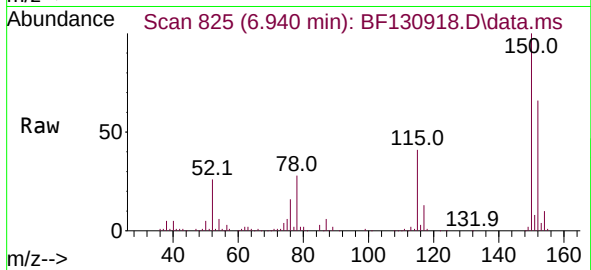
Quant Time: Nov 02 08:27:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 08:18:35 2022
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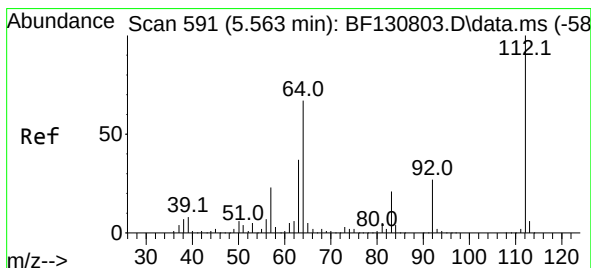
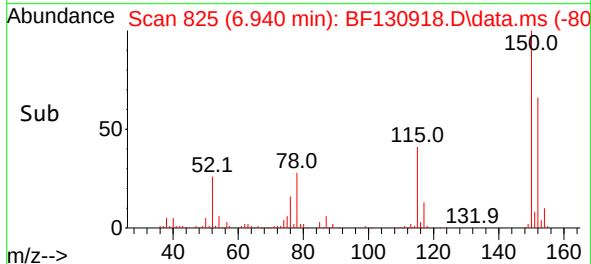
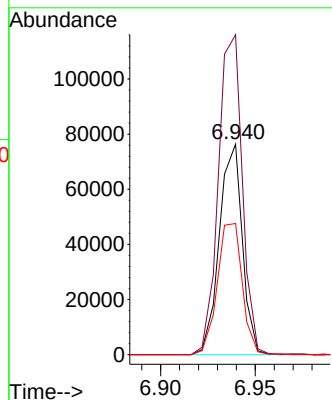


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.940 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BF130918.D
 Acq: 02 Nov 2022 00:49

Instrument :
 BNA_F
 ClientSampleId :

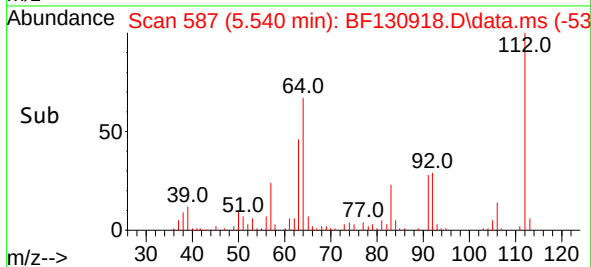
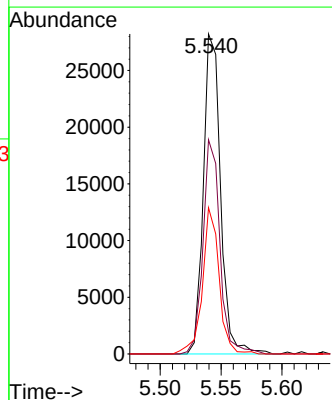
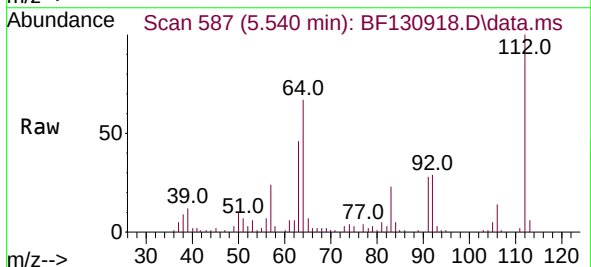


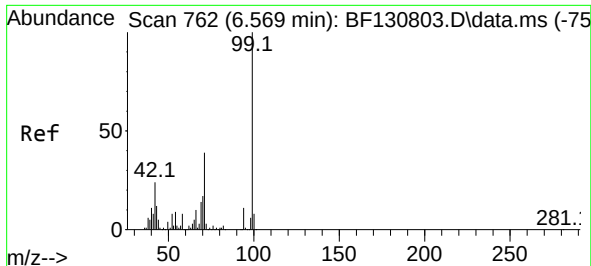
Tgt Ion:152 Resp: 64623
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.1 186.1
 115 62.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 7.414 ng
 RT: 5.540 min Scan# 587
 Delta R.T. -0.012 min
 Lab File: BF130918.D
 Acq: 02 Nov 2022 00:49

Tgt Ion:112 Resp: 27636
 Ion Ratio Lower Upper
 112 100
 64 67.0 53.9 80.9
 63 45.7 29.4 44.2#

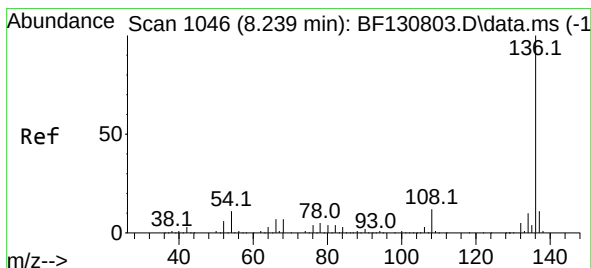
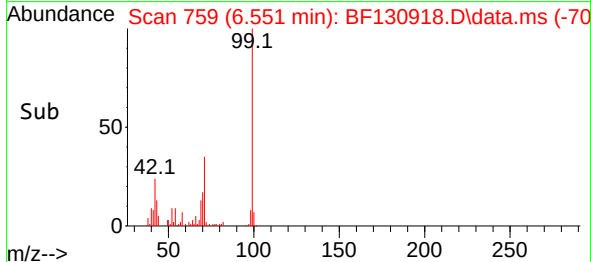
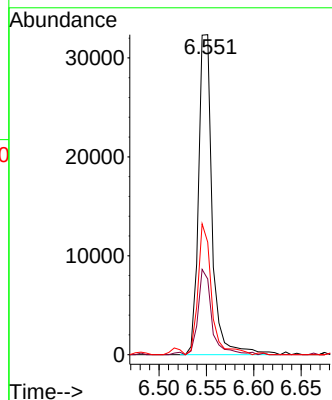
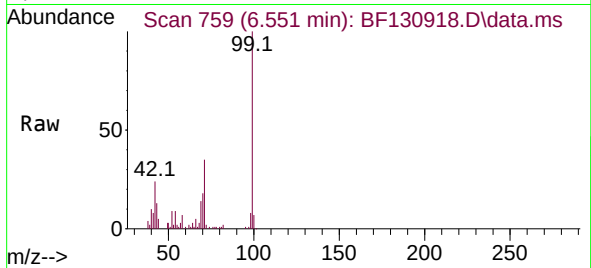




#7
Phenol-d6
Concen: 6.718 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

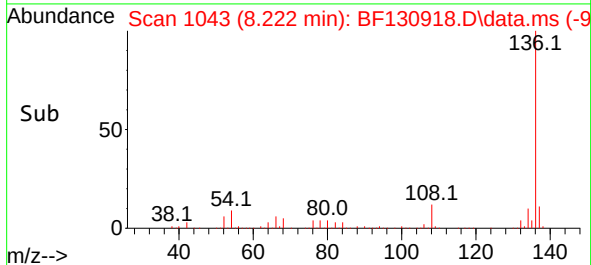
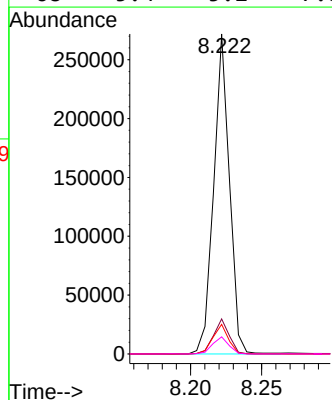
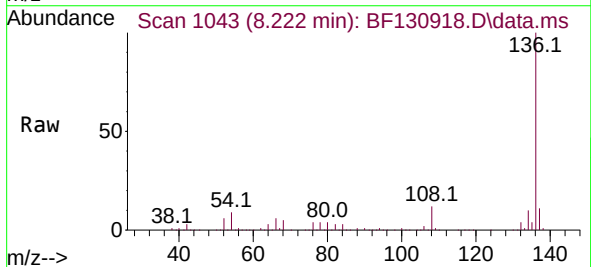
Instrument :
BNA_F
ClientSampleId :

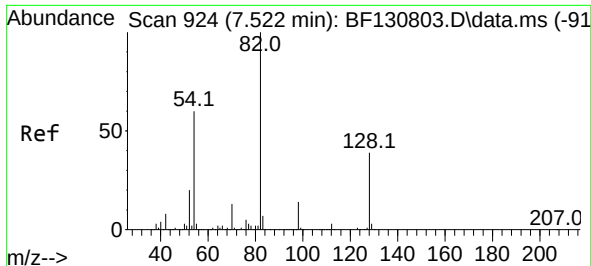
Tgt Ion: 99 Resp: 32543
Ion Ratio Lower Upper
99 100
42 23.7 18.8 28.2
71 35.1 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

Tgt Ion: 136 Resp: 209946
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.3 8.8 13.2
68 5.4 5.2 7.8

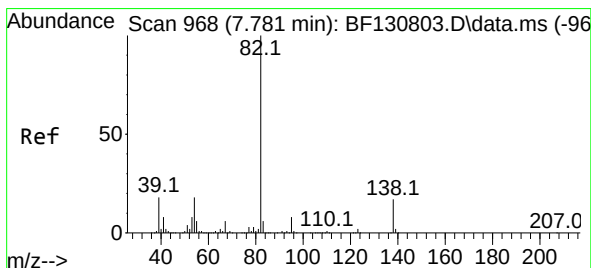
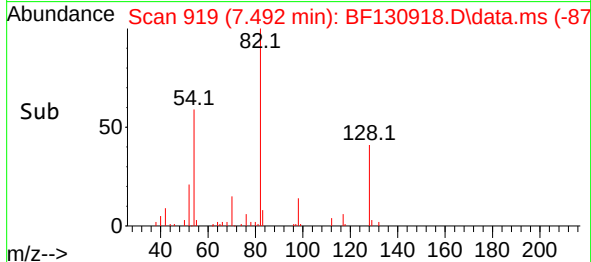
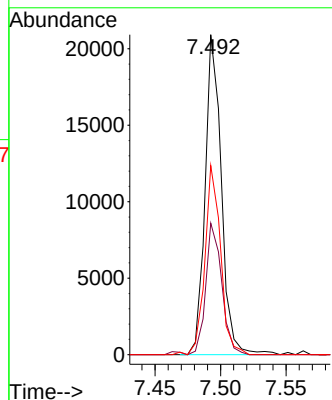
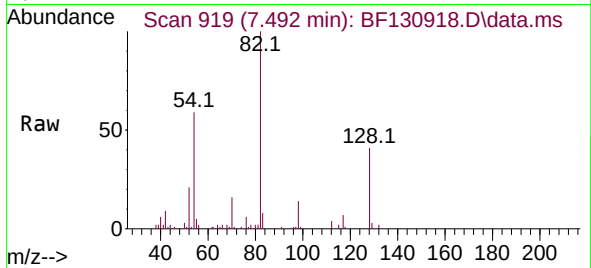




#23
Nitrobenzene-d5
Concen: 5.195 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.012 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

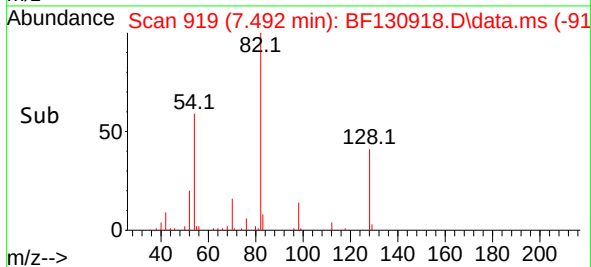
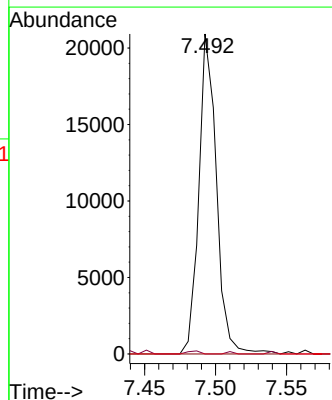
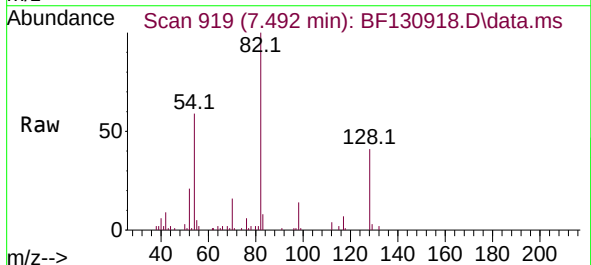
Instrument :
BNA_F
ClientSampleId :

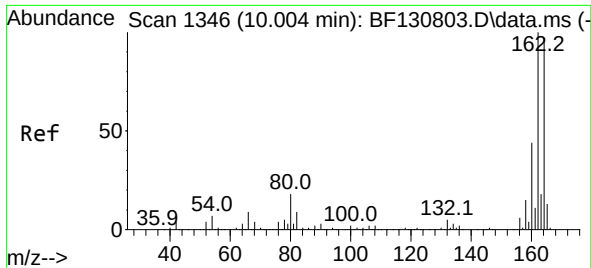
Tgt Ion: 82 Resp: 18089
Ion Ratio Lower Upper
82 100
128 41.1 31.2 46.8
54 59.1 48.0 72.0



#25
Isophorone
Concen: 2.519 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.270 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

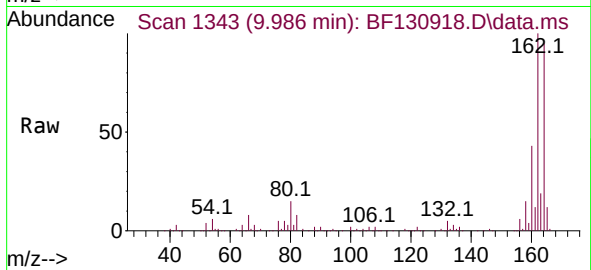
Tgt Ion: 82 Resp: 18089
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



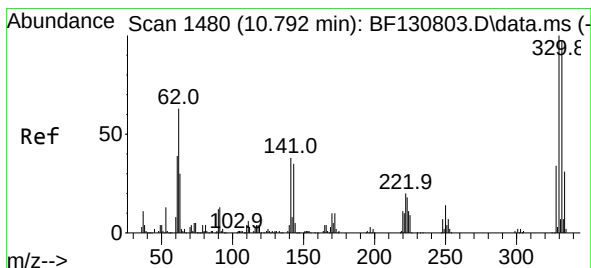
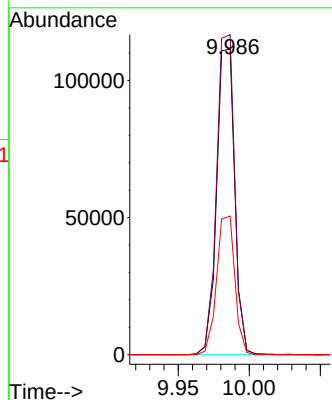
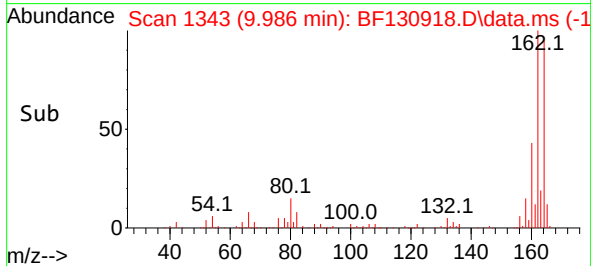


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

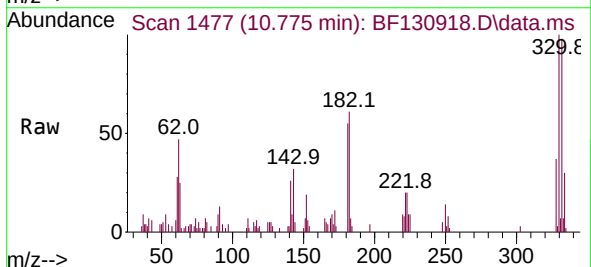
Instrument :
BNA_F
ClientSampleId :



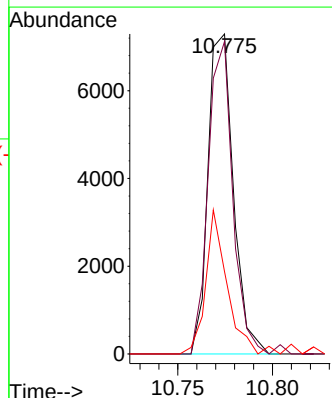
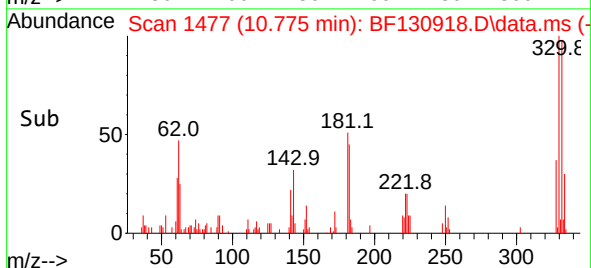
Tgt Ion:164 Resp: 98323
Ion Ratio Lower Upper
164 100
162 104.7 82.2 123.2
160 45.4 36.6 54.8

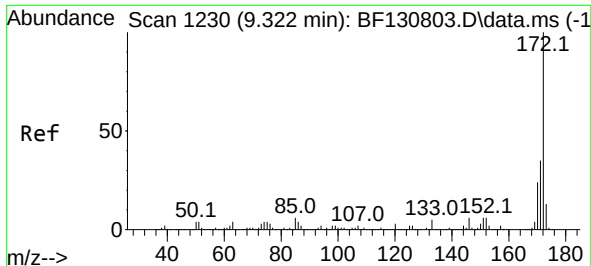


#42
2,4,6-Tribromophenol
Concen: 8.240 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49



Tgt Ion:330 Resp: 6820
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 37.9 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 5.231 ng

RT: 9.298 min Scan# 1

Delta R.T. -0.006 min

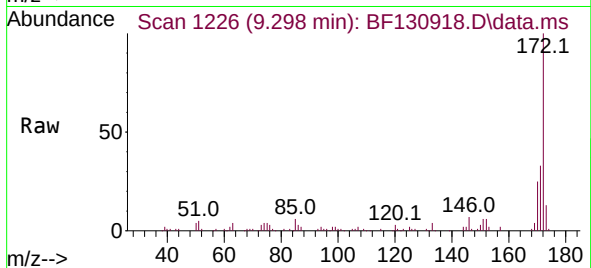
Lab File: BF130918.D

Acq: 02 Nov 2022 00:49

Instrument :

BNA_F

ClientSampleId :



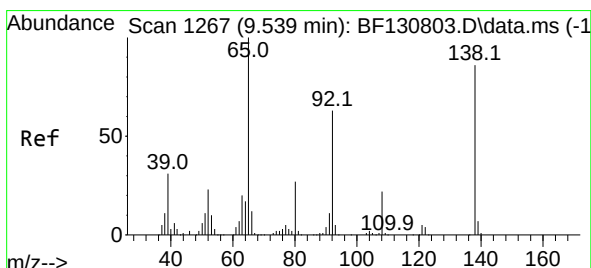
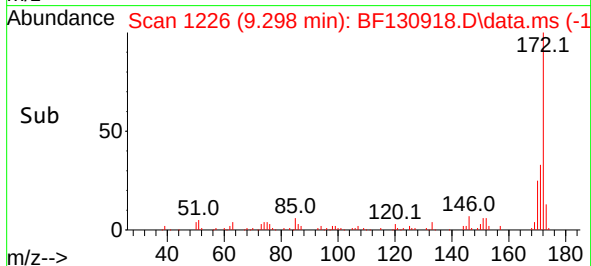
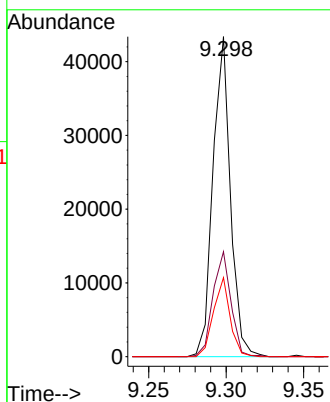
Tgt Ion:172 Resp: 34022

Ion Ratio Lower Upper

172 100

171 32.8 28.1 42.1

170 24.7 19.0 28.4



#48

2-Nitroaniline

Concen: 4.175 ng

RT: 9.634 min Scan# 1283

Delta R.T. 0.106 min

Lab File: BF130918.D

Acq: 02 Nov 2022 00:49

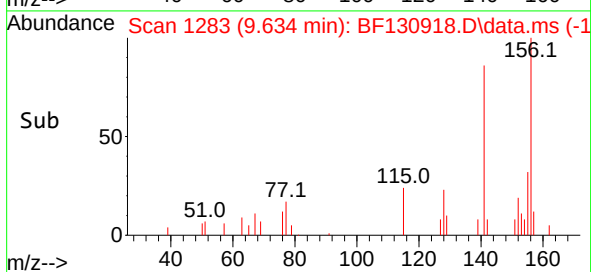
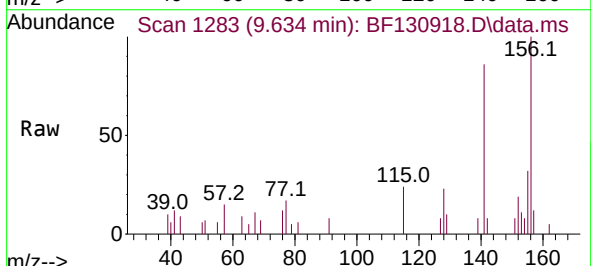
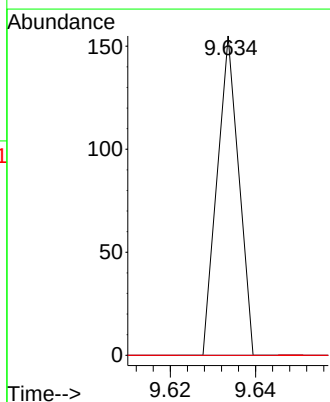
Tgt Ion: 65 Resp: 55

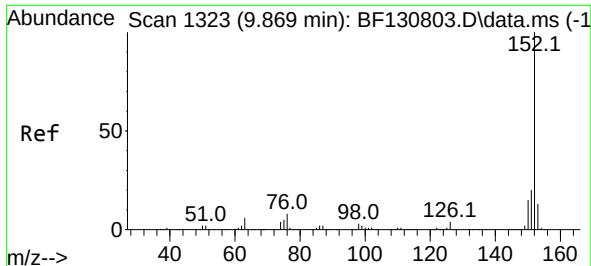
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

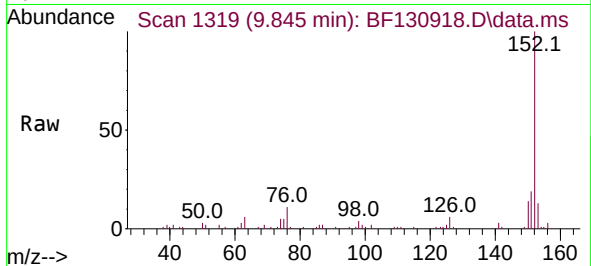
138 0.0 69.2 103.8#



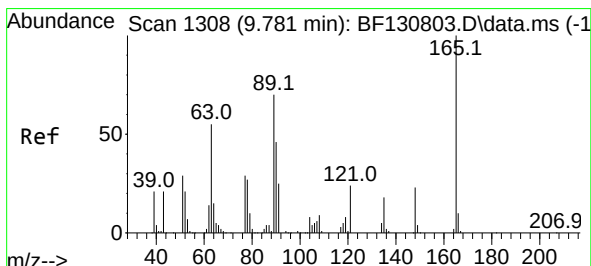
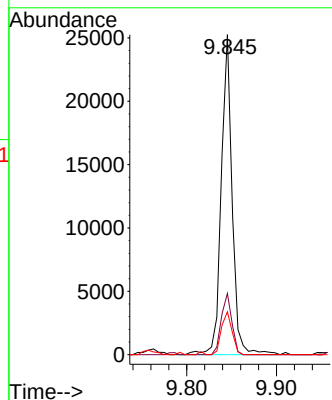
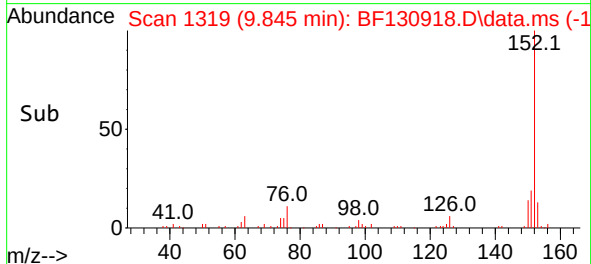


#49
Acenaphthylene
Concen: 2.409 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

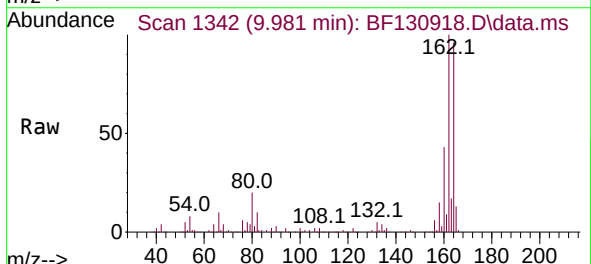
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BNA_F
ClientSampleId :



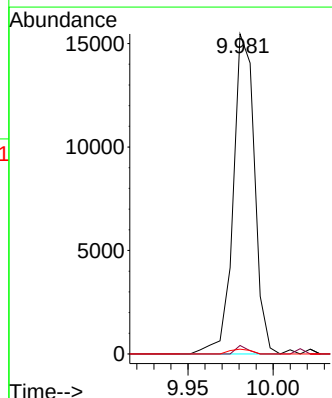
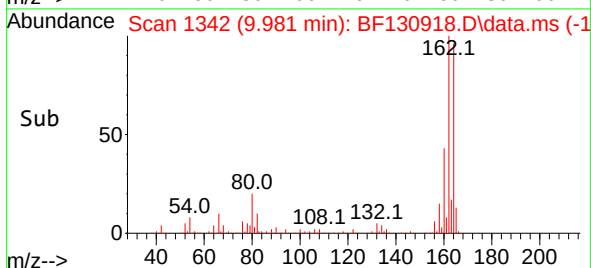
Tgt Ion:152 Resp: 21381
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.8
153 13.4 10.2 15.4

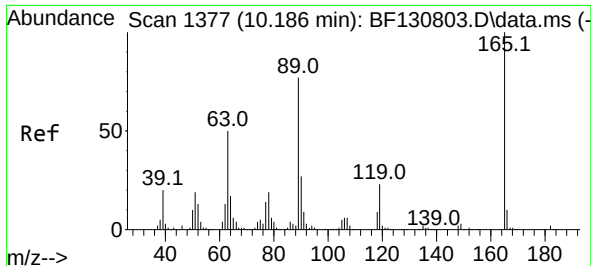


#51
2,6-Dinitrotoluene
Concen: 12.636 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.212 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49



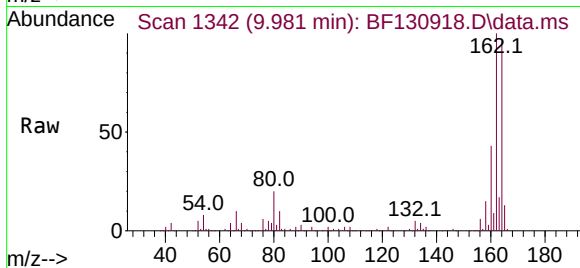
Tgt Ion:165 Resp: 13422
Ion Ratio Lower Upper
165 100
63 2.7 61.8 92.8#
89 1.5 56.2 84.4#



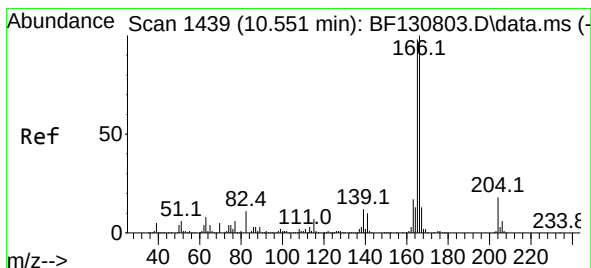
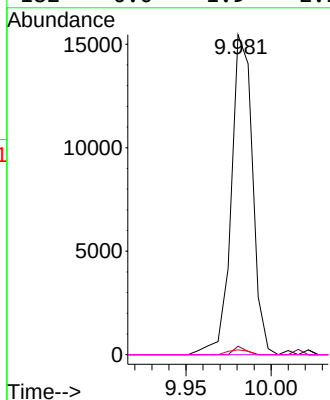
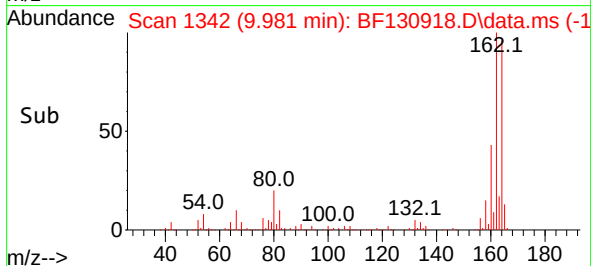


#57
2,4-Dinitrotoluene
Concen: 11.385 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

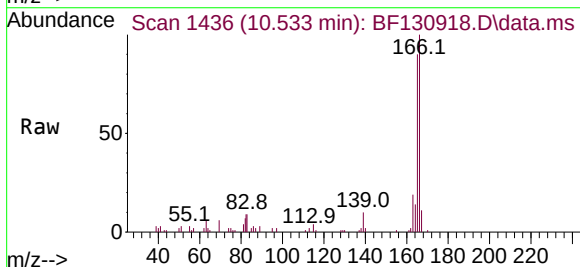
Instrument :
BNA_F
ClientSampleId :



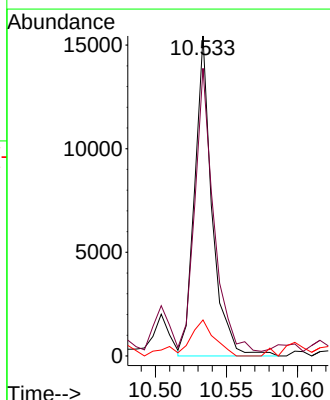
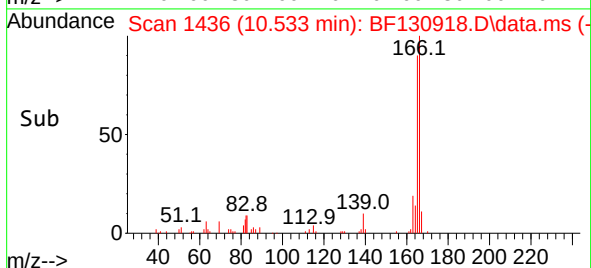
Tgt Ion:165 Resp: 13422
Ion Ratio Lower Upper
165 100
63 2.7 39.8 59.6#
89 1.5 61.9 92.9#
182 0.0 1.9 2.9#

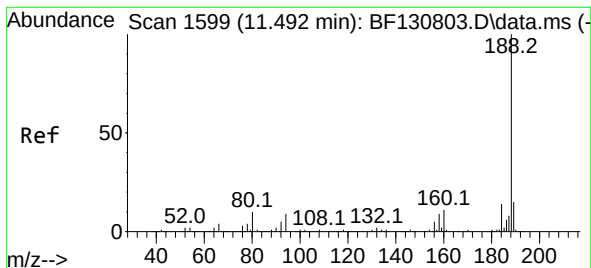


#58
Fluorene
Concen: 2.107 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49



Tgt Ion:166 Resp: 13197
Ion Ratio Lower Upper
166 100
165 89.9 78.1 117.1
167 11.3 10.4 15.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.475 min Scan# 1

Delta R.T. -0.006 min

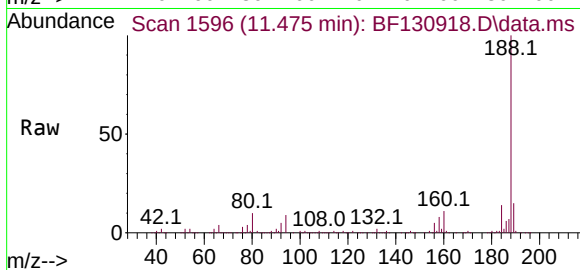
Lab File: BF130918.D

Acq: 02 Nov 2022 00:49

Instrument :

BNA_F

ClientSampleId :



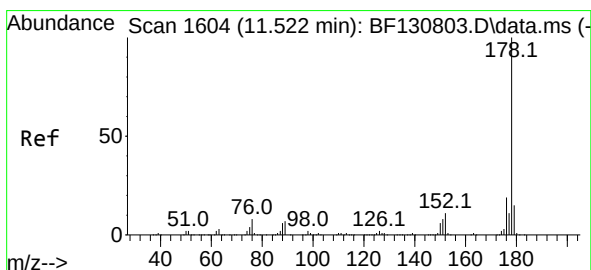
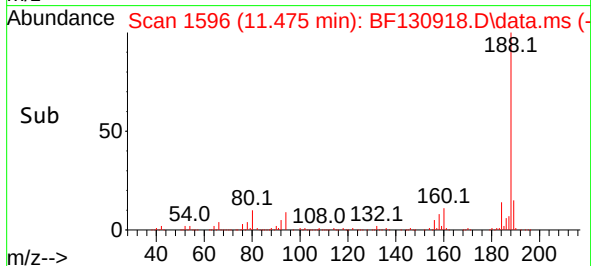
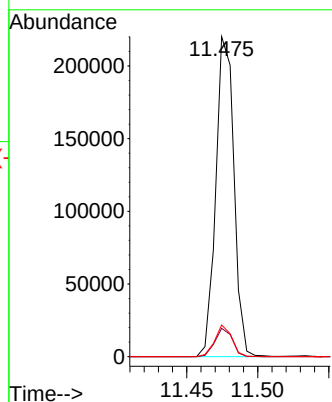
Tgt Ion:188 Resp: 194991

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.9 8.0 12.0



#71

Phenanthrene

Concen: 10.936 ng

RT: 11.504 min Scan# 1601

Delta R.T. 0.000 min

Lab File: BF130918.D

Acq: 02 Nov 2022 00:49

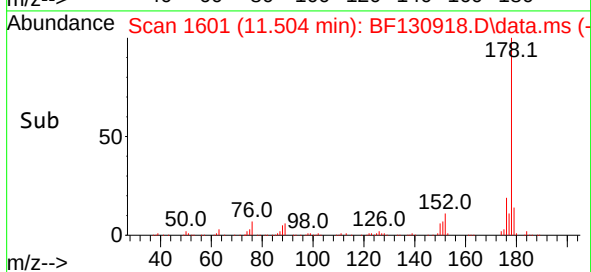
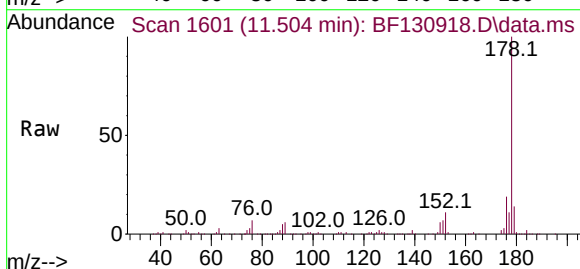
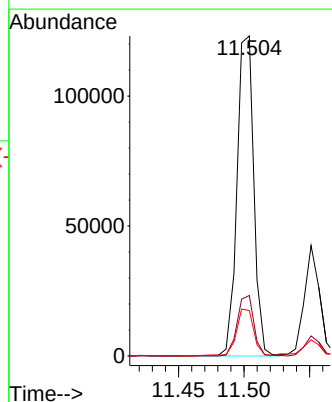
Tgt Ion:178 Resp: 110064

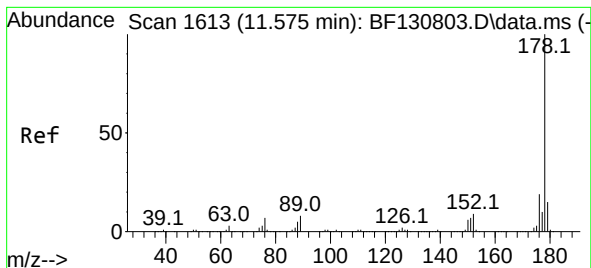
Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 14.2 12.2 18.2





#72

Anthracene

Concen: 3.366 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130918.D

Acq: 02 Nov 2022 00:49

Instrument :

BNA_F

ClientSampleId :

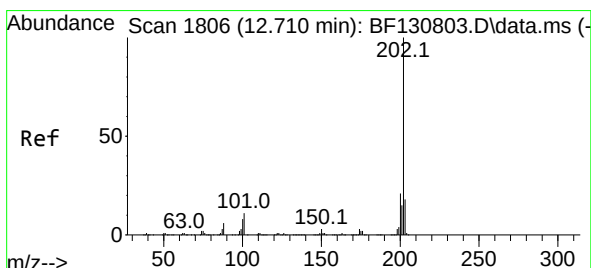
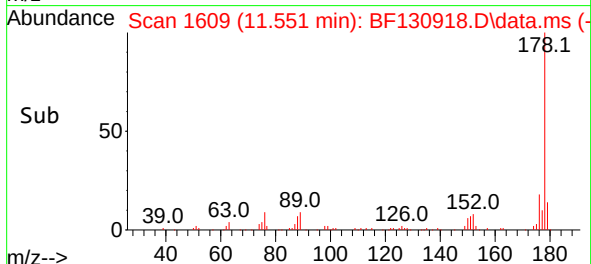
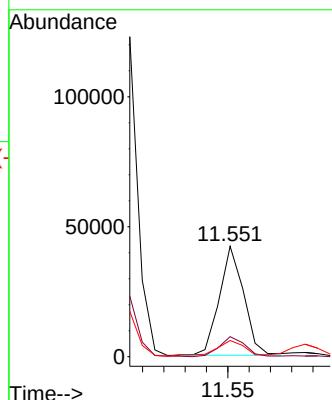
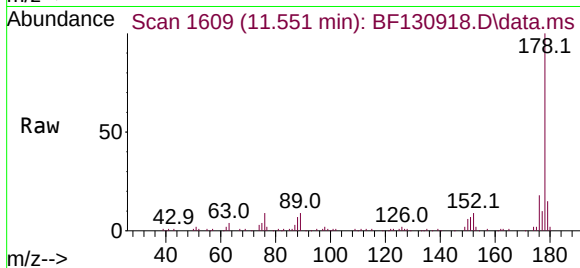
Tgt Ion:178 Resp: 33414

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.0

179 14.7 12.2 18.4



#75

Fluoranthene

Concen: 9.077 ng

RT: 12.692 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF130918.D

Acq: 02 Nov 2022 00:49

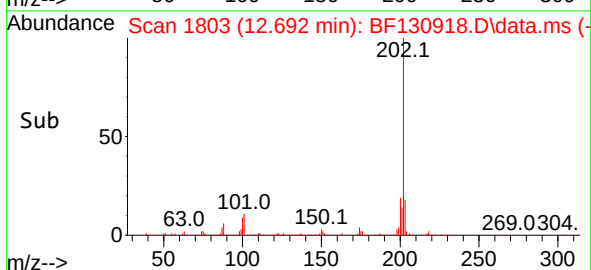
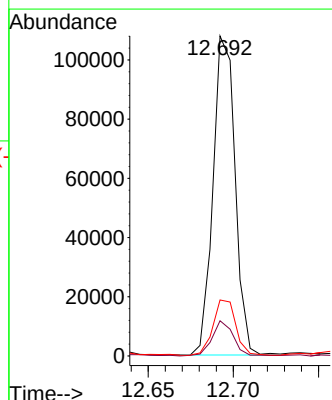
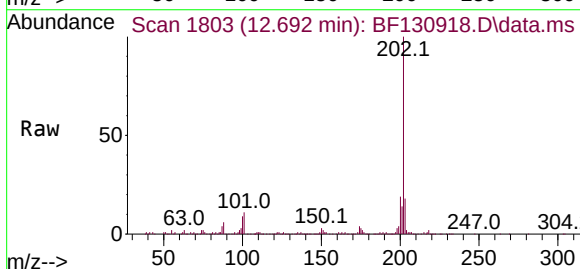
Tgt Ion:202 Resp: 97058

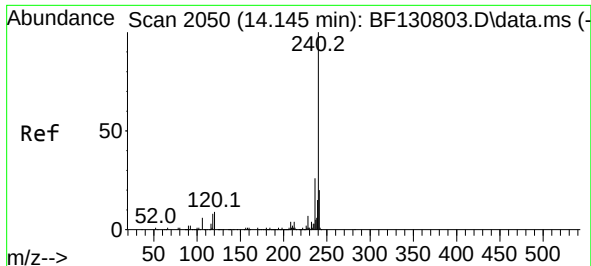
Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.9

203 17.5 0.0 37.7

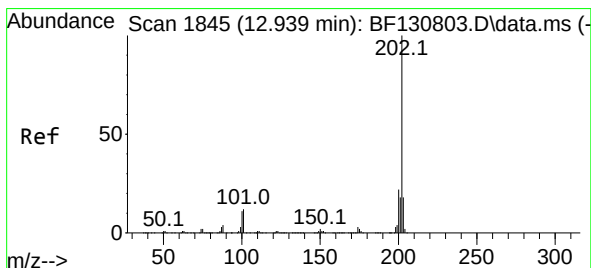
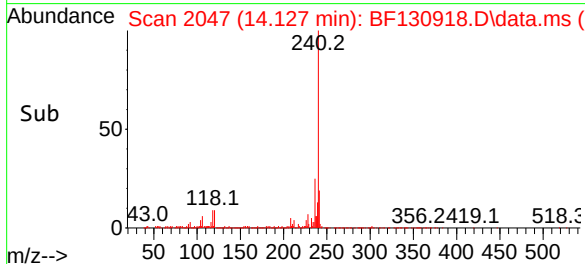
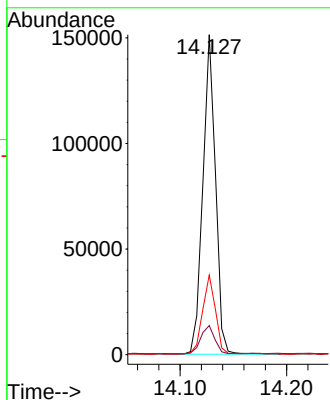
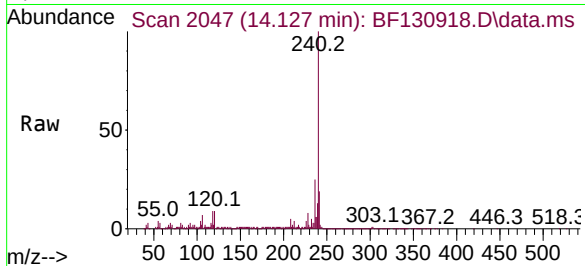




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

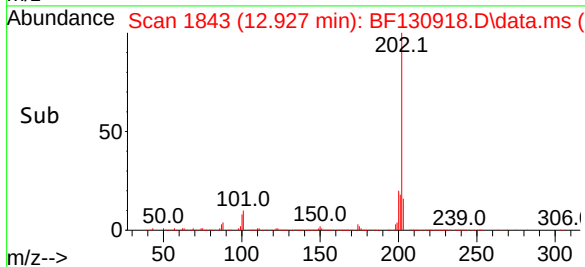
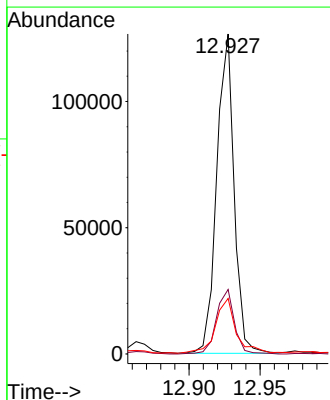
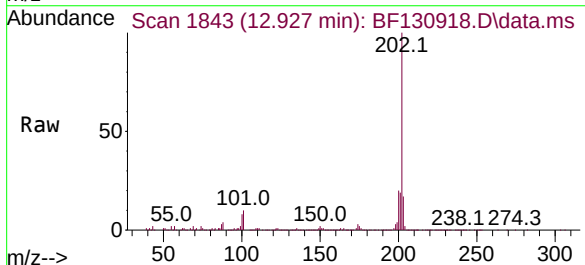
Instrument :
BNA_F
ClientSampleId :

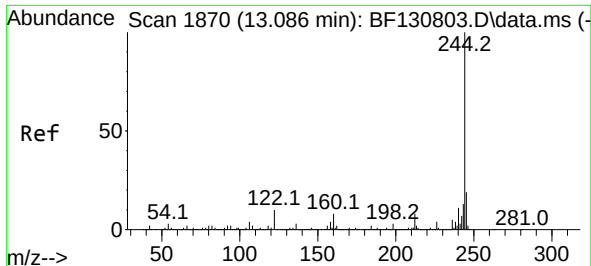
Tgt Ion:240 Resp: 124828
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.4
236 24.9 20.5 30.7



#78
Pyrene
Concen: 10.171 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

Tgt Ion:202 Resp: 107114
Ion Ratio Lower Upper
202 100
200 20.2 17.2 25.8
203 17.3 14.5 21.7

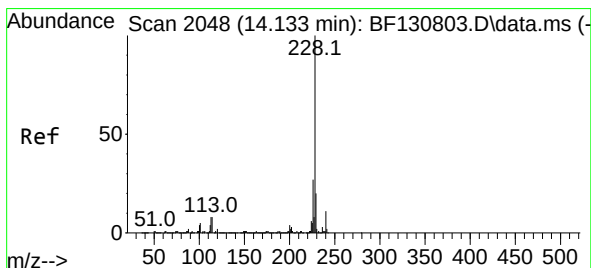
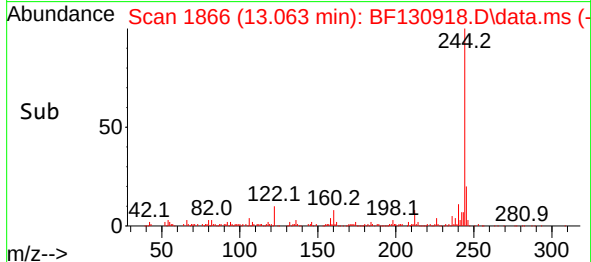
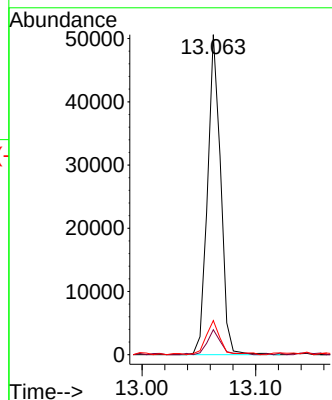
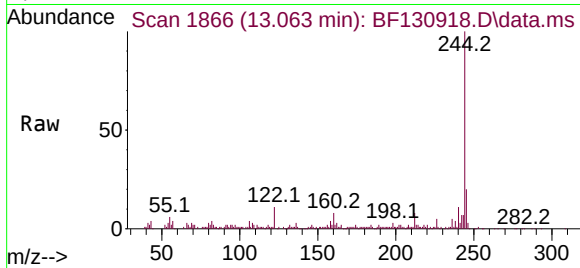




#79
 Terphenyl-d14
 Concen: 5.926 ng
 RT: 13.063 min Scan# 1866
 Delta R.T. -0.006 min
 Lab File: BF130918.D
 Acq: 02 Nov 2022 00:49

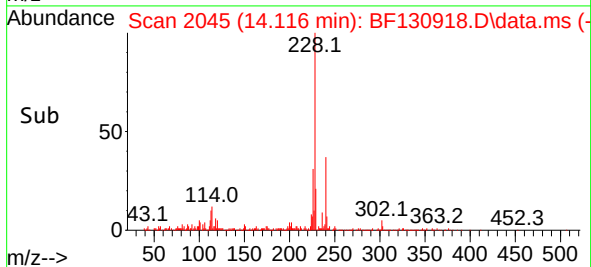
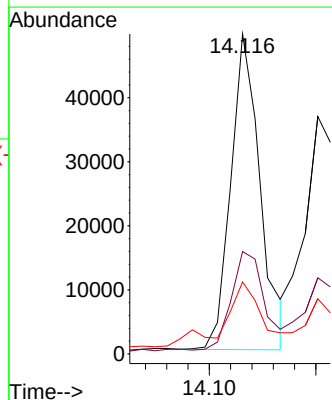
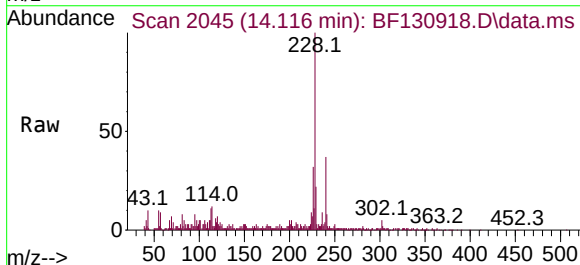
Instrument :
 BNA_F
 ClientSampleId :

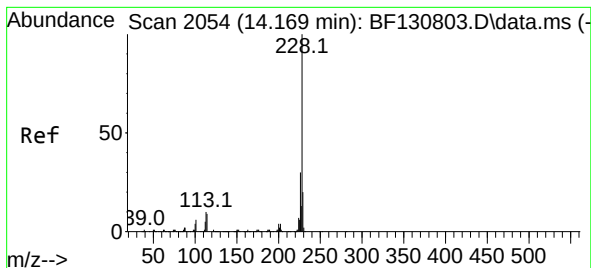
Tgt Ion:244 Resp: 40367
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.6 7.9 11.9



#81
 Benzo(a)anthracene
 Concen: 5.699 ng
 RT: 14.116 min Scan# 2045
 Delta R.T. 0.000 min
 Lab File: BF130918.D
 Acq: 02 Nov 2022 00:49

Tgt Ion:228 Resp: 47162
 Ion Ratio Lower Upper
 228 100
 226 32.0 21.4 32.2
 229 22.5 15.8 23.6





#83

Chrysene

Concen: 4.748 ng

RT: 14.151 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BF130918.D

Acq: 02 Nov 2022 00:49

Instrument :

BNA_F

ClientSampleId :

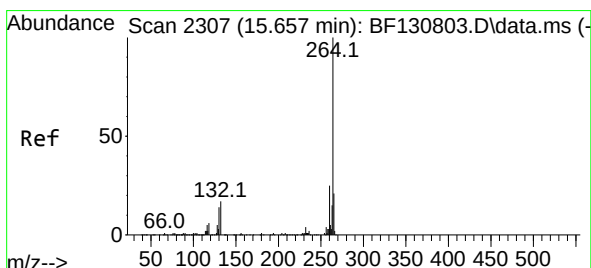
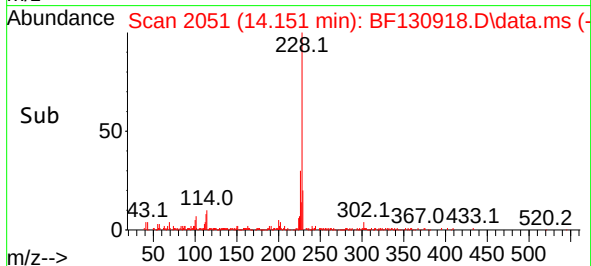
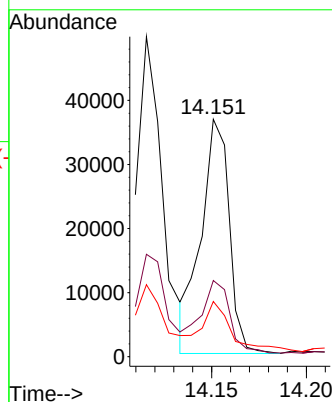
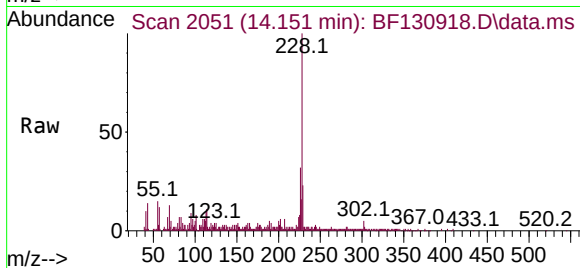
Tgt Ion:228 Resp: 37901

Ion Ratio Lower Upper

228 100

226 32.1 23.9 35.9

229 23.2 15.8 23.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2306

Delta R.T. 0.006 min

Lab File: BF130918.D

Acq: 02 Nov 2022 00:49

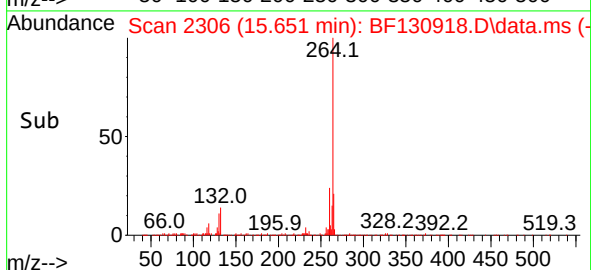
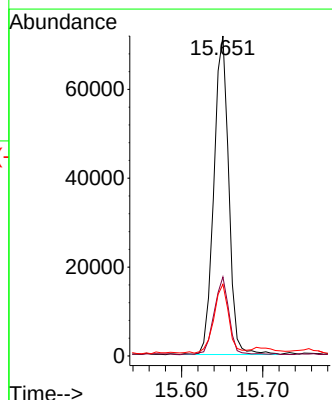
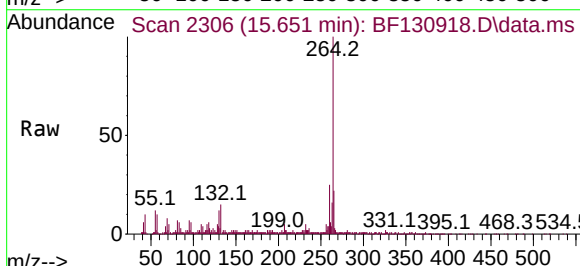
Tgt Ion:264 Resp: 91006

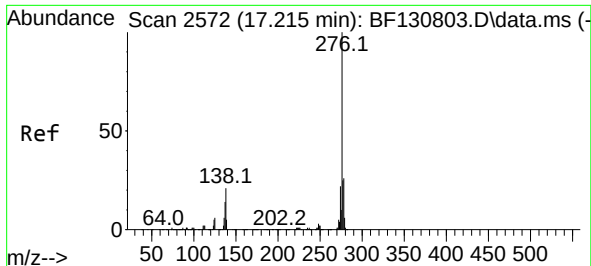
Ion Ratio Lower Upper

264 100

260 24.7 19.9 29.9

265 22.4 17.0 25.6

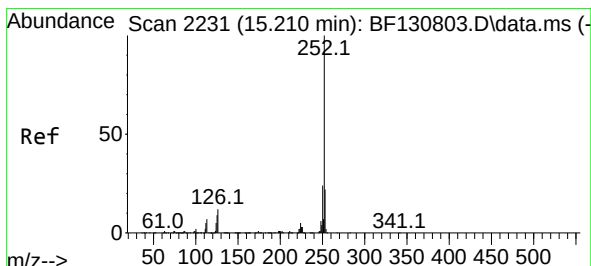
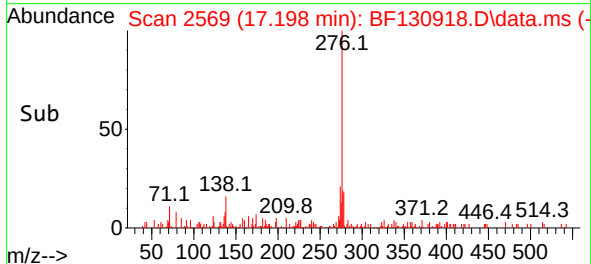
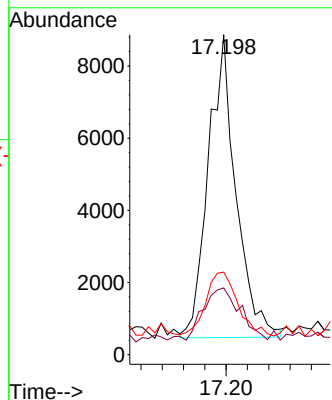
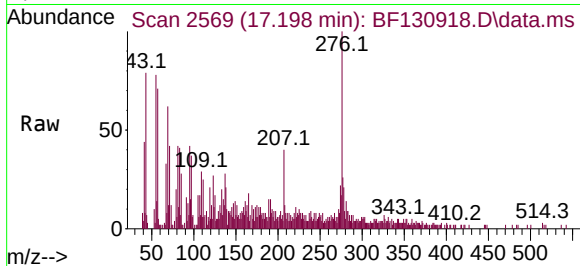




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.507 ng
RT: 17.198 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

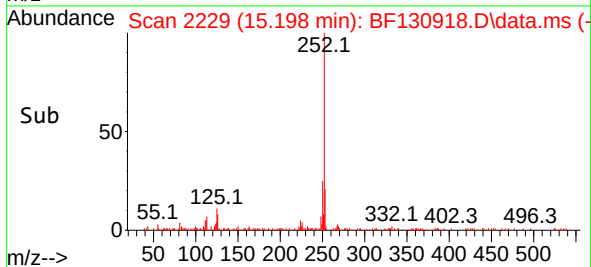
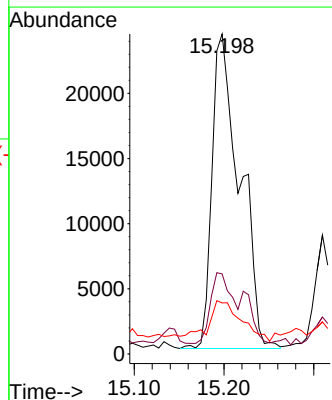
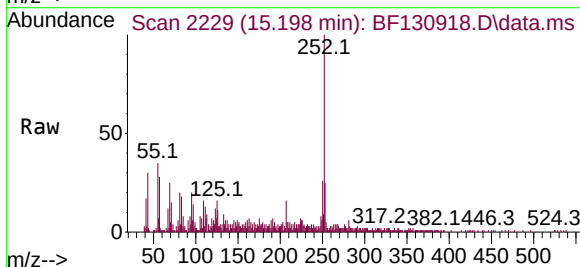
Instrument :
BNA_F
ClientSampleId :

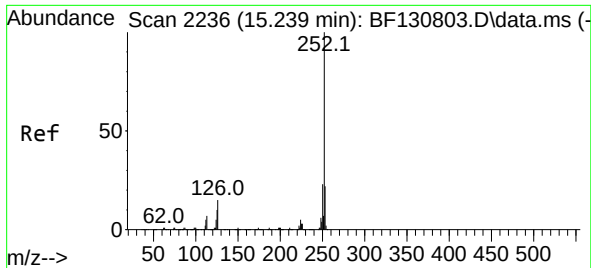
Tgt Ion:276 Resp: 15153
Ion Ratio Lower Upper
276 100
138 22.5 19.1 28.7
277 24.2 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 8.832 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.006 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

Tgt Ion:252 Resp: 51959
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 15.9 7.0 10.4#

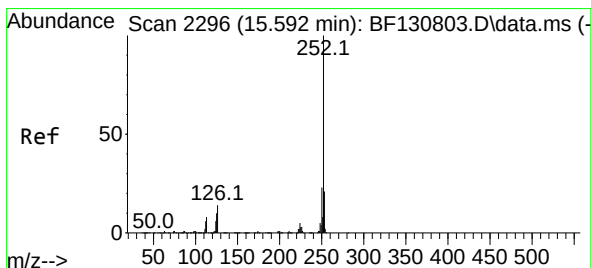
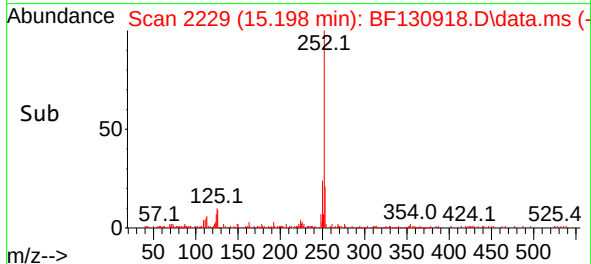
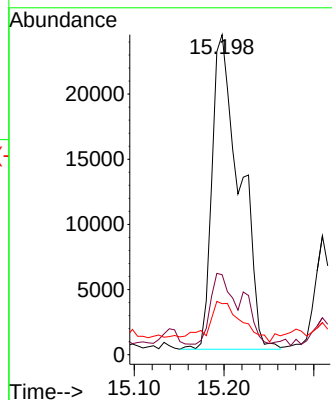
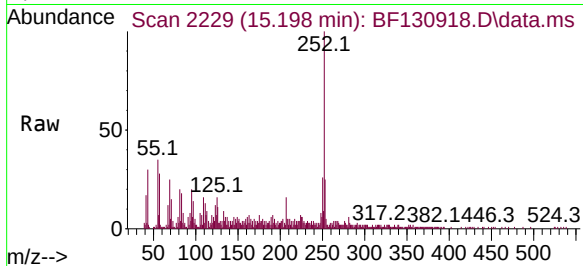




#89
Benzo(k)fluoranthene
Concen: 9.064 ng
RT: 15.198 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

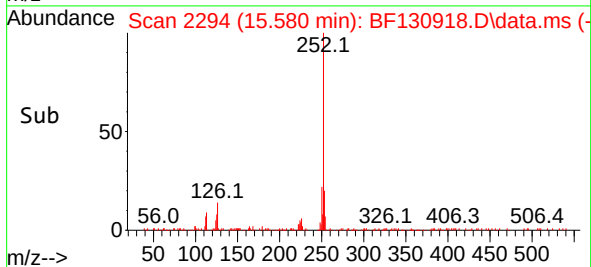
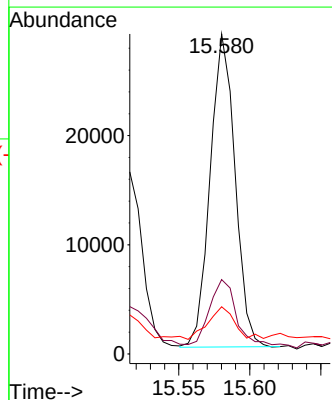
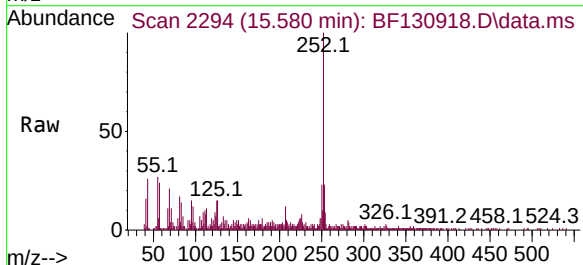
Instrument :
BNA_F
ClientSampleId :

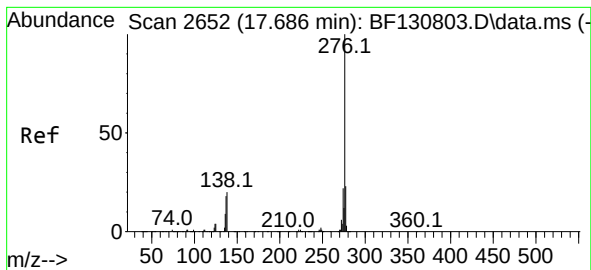
Tgt Ion:252 Resp: 51959
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 15.9 8.0 12.0#



#90
Benzo(a)pyrene
Concen: 7.354 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF130918.D
Acq: 02 Nov 2022 00:49

Tgt Ion:252 Resp: 34777
Ion Ratio Lower Upper
252 100
253 23.3 16.8 25.2
125 14.8 8.3 12.5#





#92

Benzo(g,h,i)perylene

Concen: 2.634 ng

RT: 17.674 min Scan# 20

Delta R.T. 0.006 min

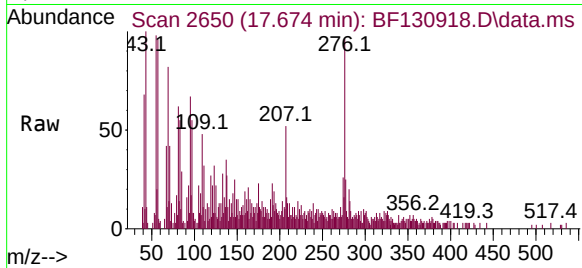
Lab File: BF130918.D

Acq: 02 Nov 2022 00:49

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 13240

Ion Ratio Lower Upper

276 100

277 26.2 18.8 28.2

138 27.5 16.3 24.5#

