

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132910.D
 Acq On : 18 Apr 2023 20:01
 Operator : CG\JU
 Sample : 02371-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Quant Time: Apr 19 03:29:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

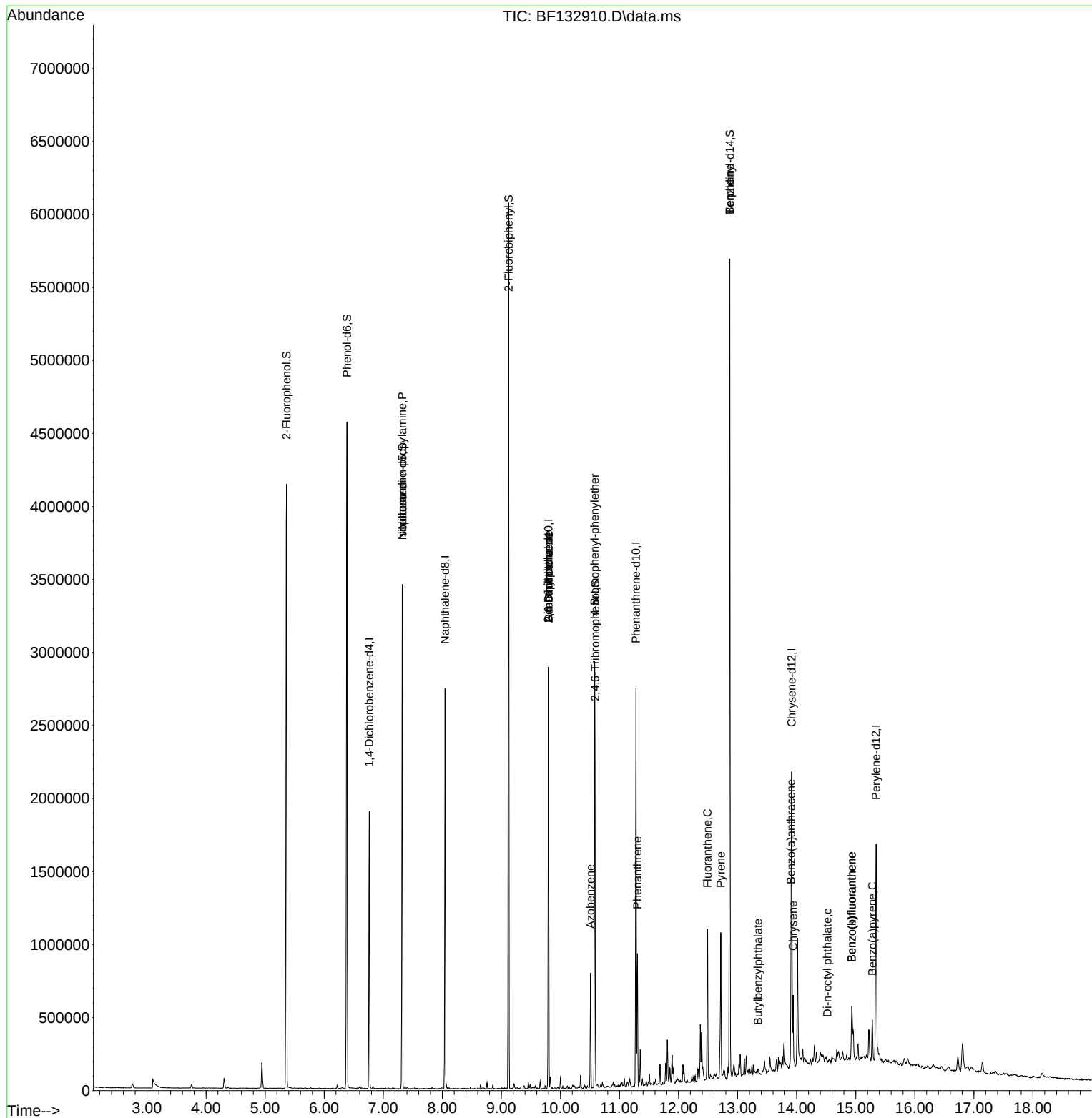
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	247790	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	973539	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	495370	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	874416	20.000	ng	0.00
76) Chrysene-d12	13.916	240	590819	20.000	ng	-0.01
86) Perylene-d12	15.345	264	608315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1138186	71.825	ng	0.00
7) Phenol-d6	6.387	99	1451674	71.790	ng	-0.01
23) Nitrobenzene-d5	7.322	82	880031	47.118	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	320791	64.564	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1585182	49.159	ng	-0.01
79) Terphenyl-d14	12.869	244	1791141	51.722	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	114557	9.076	ng	# 81
25) Isophorone	7.322	82	879199	24.817	ng	# 65
50) Dimethylphthalate	9.798	163	98865	2.887	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	65526	8.726	ng	# 27
57) 2,4-Dinitrotoluene	9.798	165	65526	7.071	ng	# 23
63) Azobenzene	10.510	77	116073	3.247	ng	# 1
67) 4-Bromophenyl-phenylether	10.580	248	20052	2.008	ng	# 1
71) Phenanthrene	11.304	178	293320	6.236	ng	98
75) Fluoranthene	12.492	202	401582	8.586	ng	98
77) Benzidine	12.869	184	21413	2.327	ng	# 91
78) Pyrene	12.716	202	353297	7.313	ng	98
80) Butylbenzylphthalate	13.345	149	980	5.209	ng	# 62
81) Benzo(a)anthracene	13.904	228	193482	4.815	ng	99
83) Chrysene	13.939	228	164127	4.110	ng	98
85) Di-n-octyl phthalate	14.521	149	2371	6.445	ng	# 74
88) Benzo(b)fluoranthene	14.933	252	255394	6.740	ng	99
89) Benzo(k)fluoranthene	14.933	252	255394	6.766	ng	99
90) Benzo(a)pyrene	15.280	252	126421	3.652	ng	98

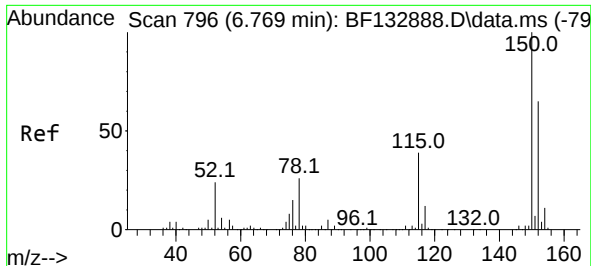
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
Data File : BF132910.D
Acq On : 18 Apr 2023 20:01
Operator : CG\JU
Sample : 02371-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

Quant Time: Apr 19 03:29:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
Response via : Initial Calibration

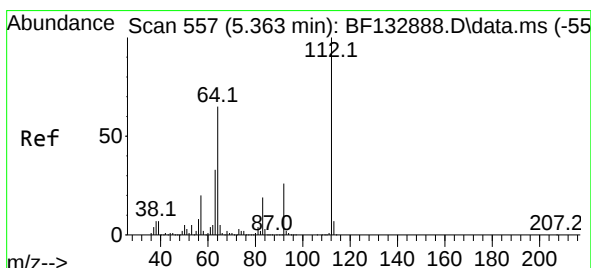
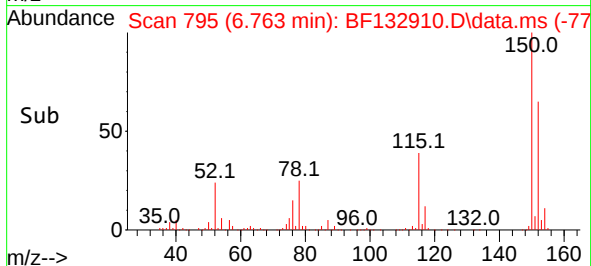
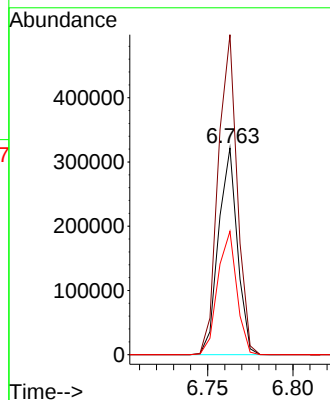
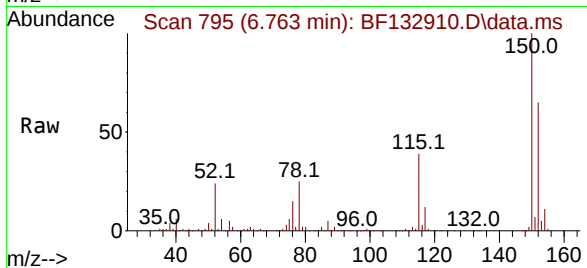




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

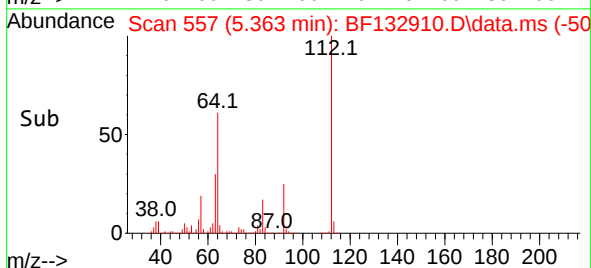
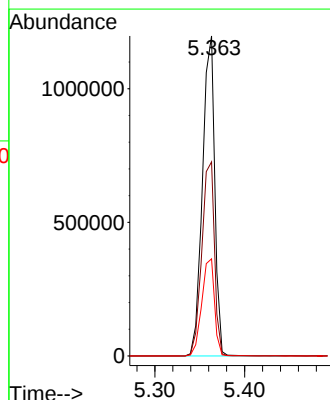
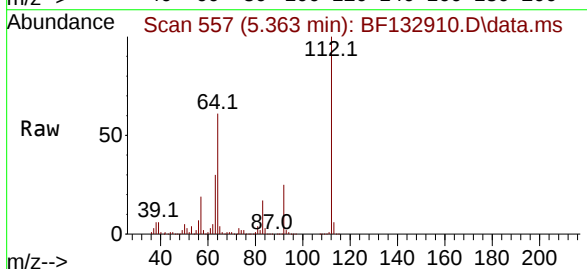
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

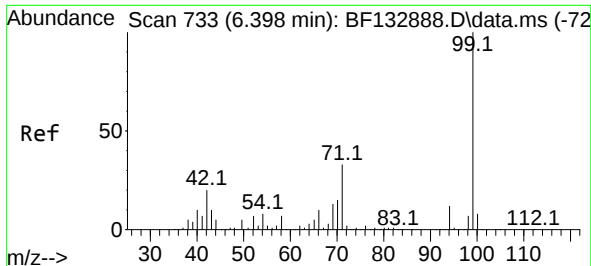
Tgt Ion:152 Resp: 247790
Ion Ratio Lower Upper
152 100
150 154.8 122.8 184.2
115 59.7 47.3 70.9



#5
2-Fluorophenol
Concen: 71.825 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Tgt Ion:112 Resp: 1138186
Ion Ratio Lower Upper
112 100
64 60.7 51.8 77.8
63 30.4 26.3 39.5

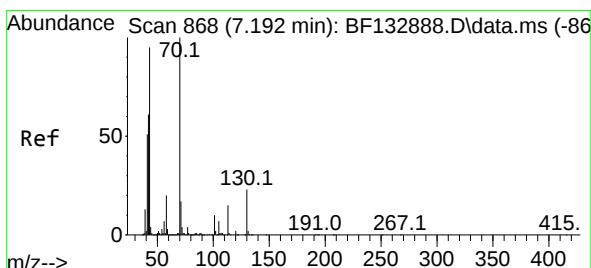
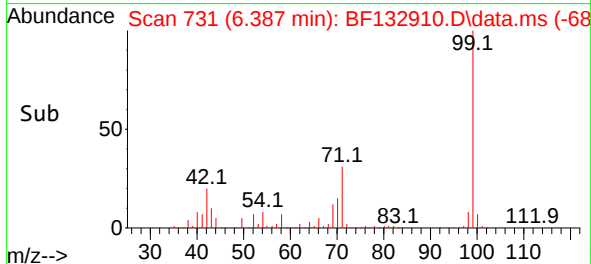
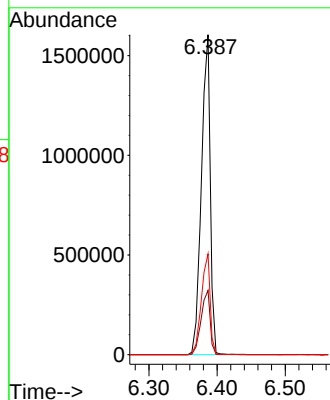
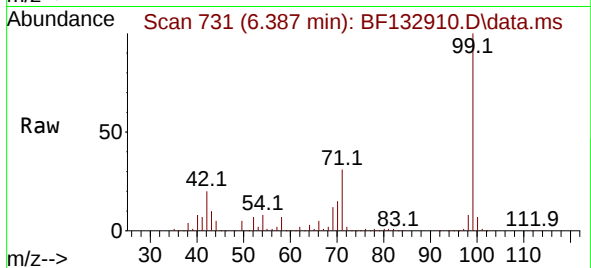




#7
Phenol-d6
Concen: 71.790 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

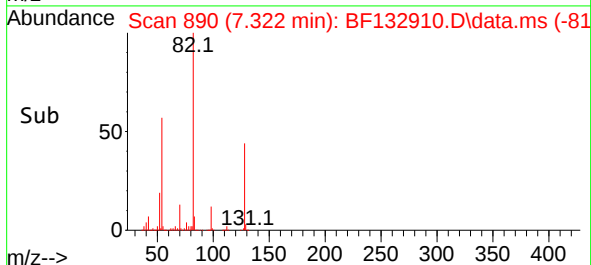
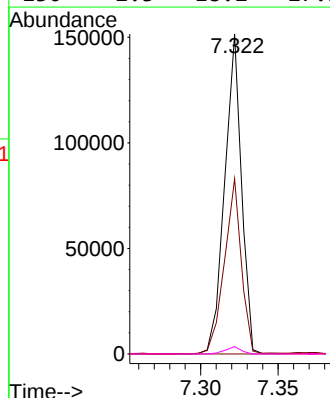
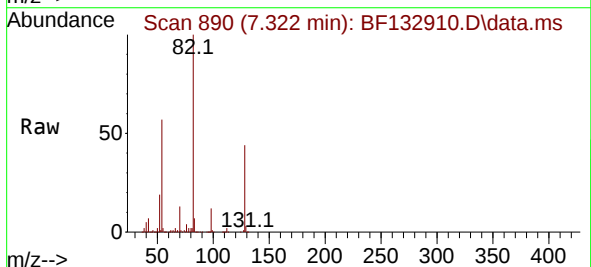
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

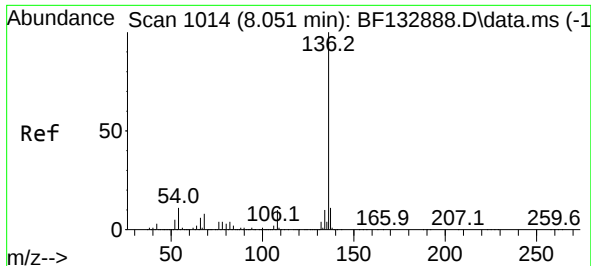
Tgt Ion: 99 Resp: 1451674
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 31.5 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.076 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.130 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Tgt Ion: 70 Resp: 114557
Ion Ratio Lower Upper
70 100
42 54.7 49.0 73.6
101 0.0 8.1 12.1#
130 2.3 18.2 27.2#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

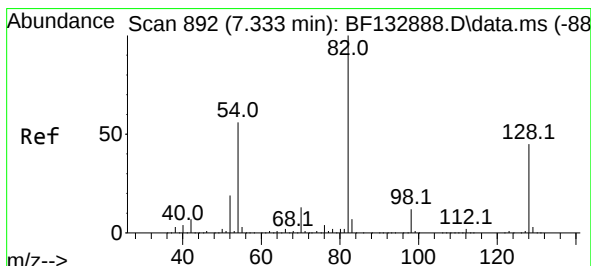
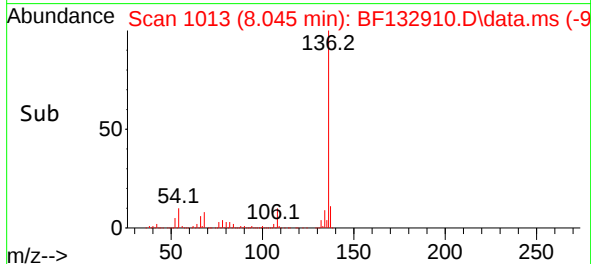
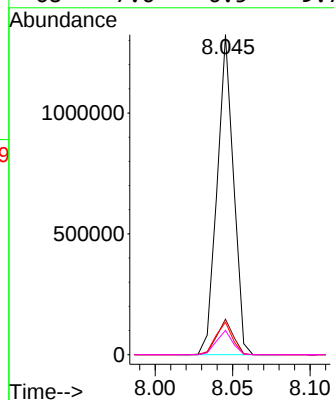
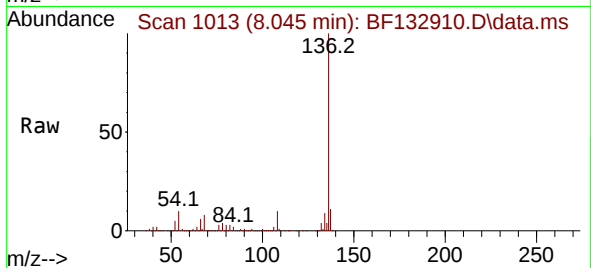
Instrument :

BNA_F

ClientSampleId :

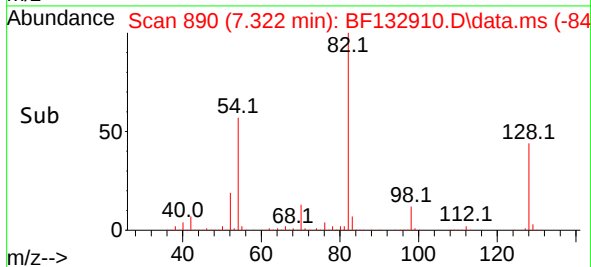
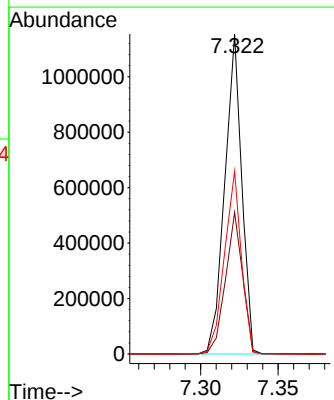
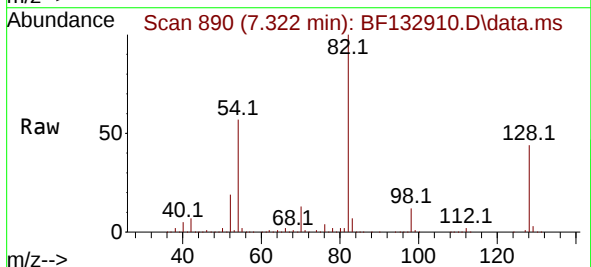
SB-26-COMP

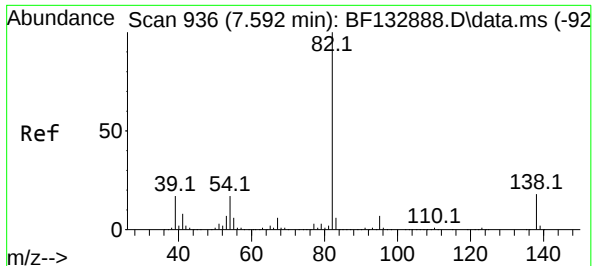
Tgt Ion:136 Resp: 973539
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.2 8.9 13.3
68 7.6 6.5 9.7



#23
Nitrobenzene-d5
Concen: 47.118 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Tgt Ion: 82 Resp: 880031
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 57.2 44.7 67.1

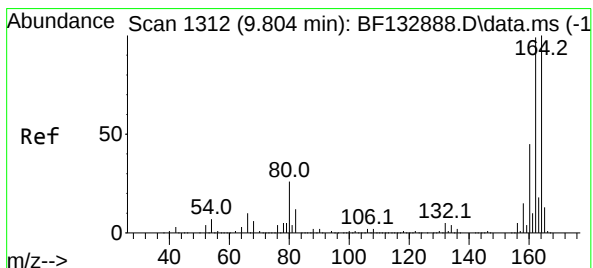
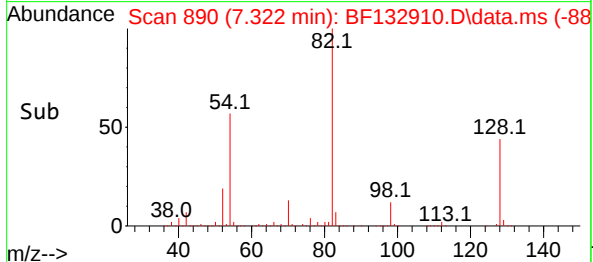
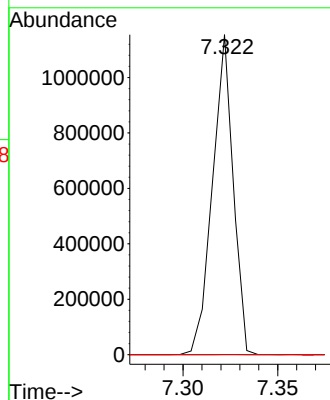
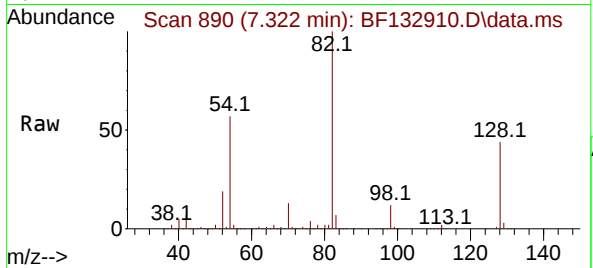




#25
Isophorone
Concen: 24.817 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

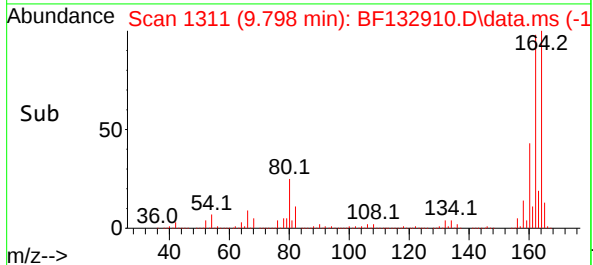
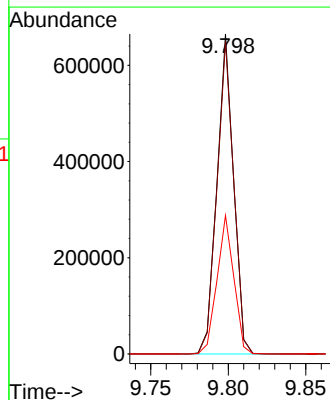
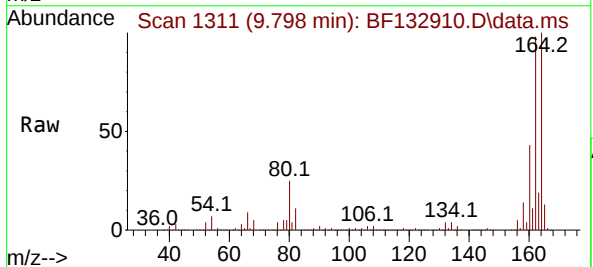
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

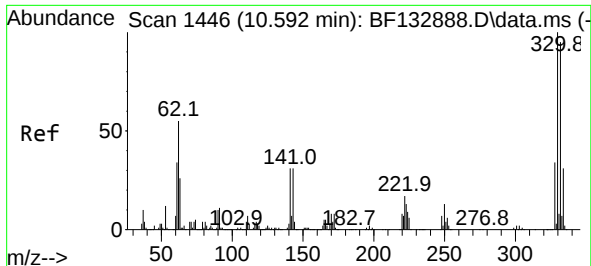
Tgt Ion: 82 Resp: 879199
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Tgt Ion:164 Resp: 495370
Ion Ratio Lower Upper
164 100
162 97.6 79.1 118.7
160 43.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 64.564 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

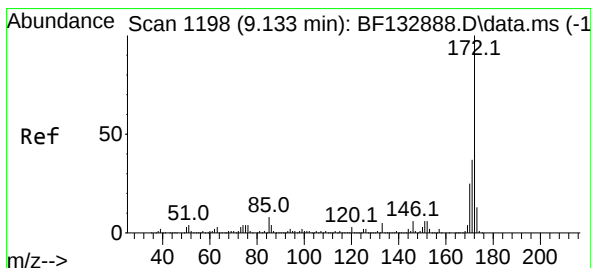
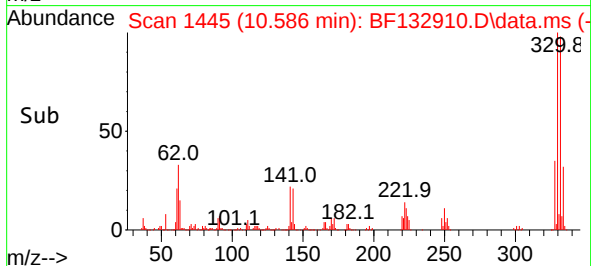
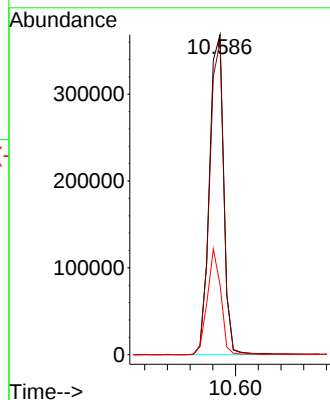
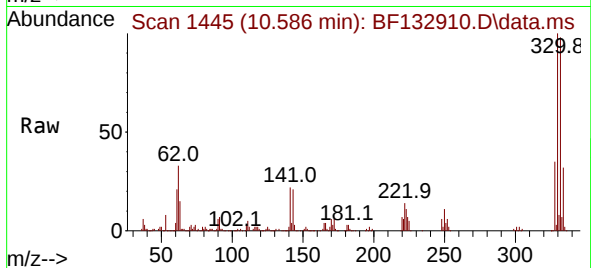
Tgt Ion:330 Resp: 320791

Ion Ratio Lower Upper

330 100

332 97.1 76.3 114.5

141 31.3 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 49.159 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

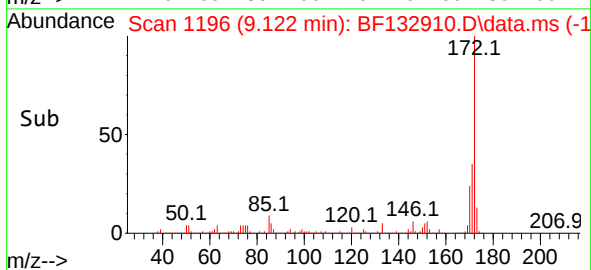
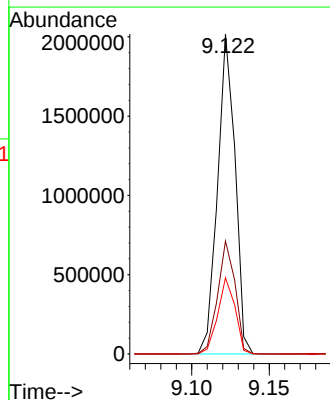
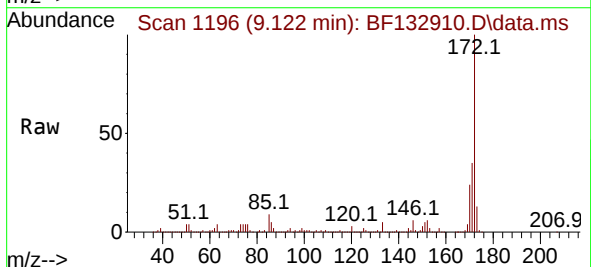
Tgt Ion:172 Resp: 1585182

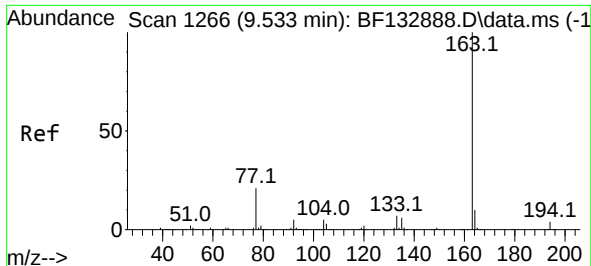
Ion Ratio Lower Upper

172 100

171 35.3 29.4 44.0

170 23.8 20.1 30.1

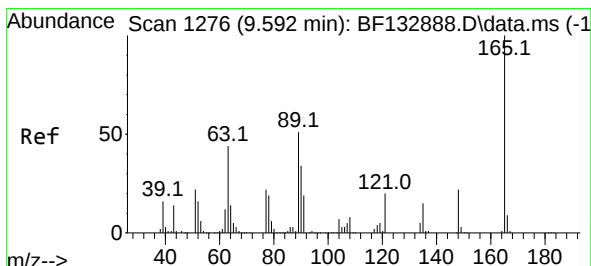
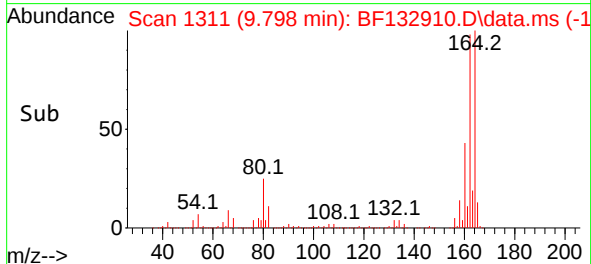
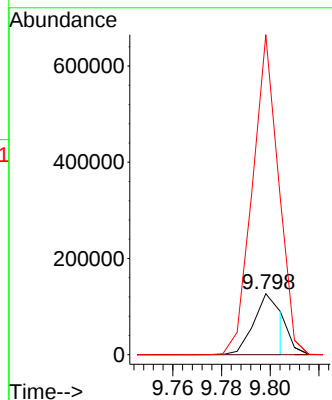
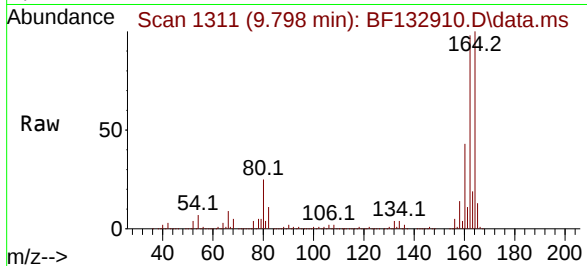




#50
Dimethylphthalate
Concen: 2.887 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

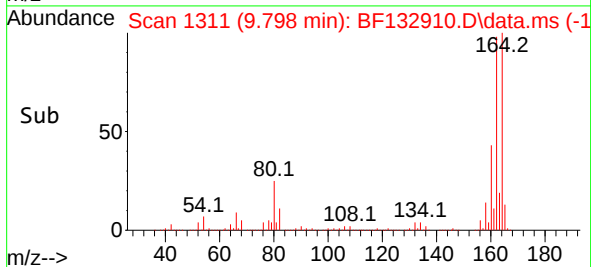
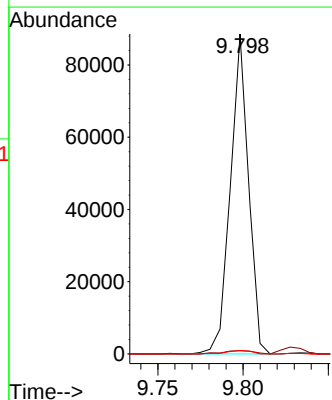
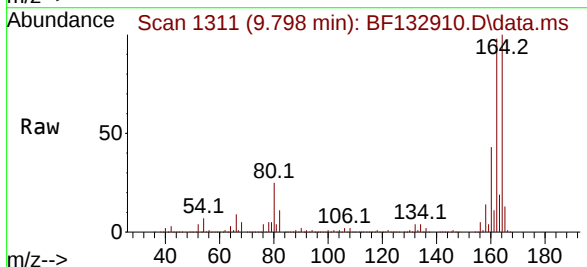
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

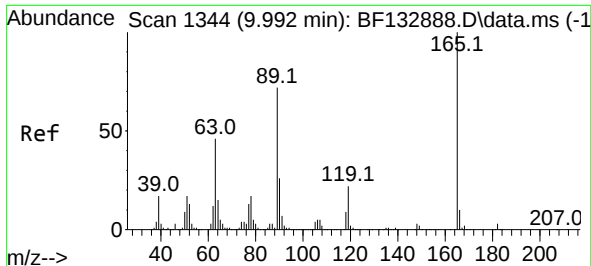
Tgt Ion:163 Resp: 98865
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 524.7 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.726 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Tgt Ion:165 Resp: 65526
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.1 41.0 61.4#





#57

2,4-Dinitrotoluene

Concen: 7.071 ng

RT: 9.798 min Scan# 1

Delta R.T. -0.194 min

Lab File: BF132910.D

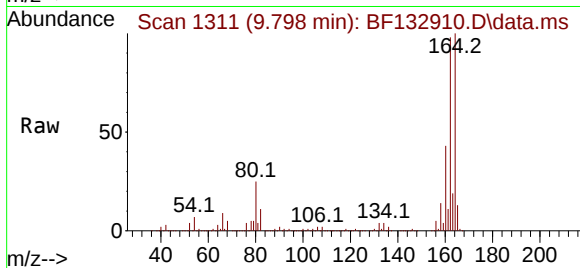
Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP



Tgt Ion:165 Resp: 65526

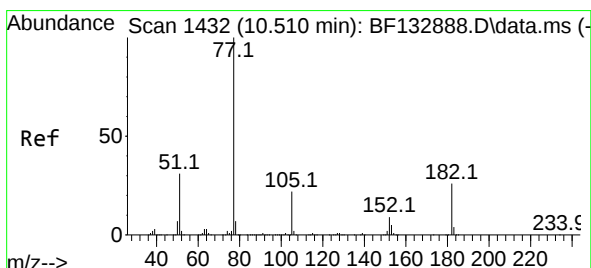
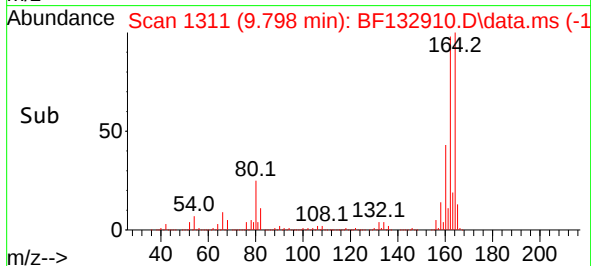
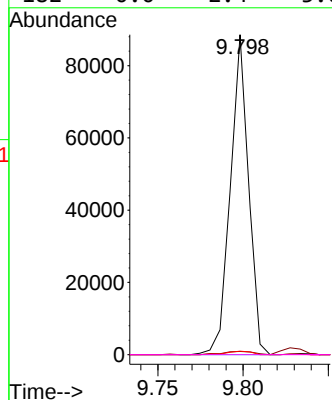
Ion Ratio Lower Upper

165 100

63 1.0 37.0 55.6#

89 1.1 57.8 86.6#

182 0.0 2.4 3.6#



#63

Azobenzene

Concen: 3.247 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

Tgt Ion: 77 Resp: 116073

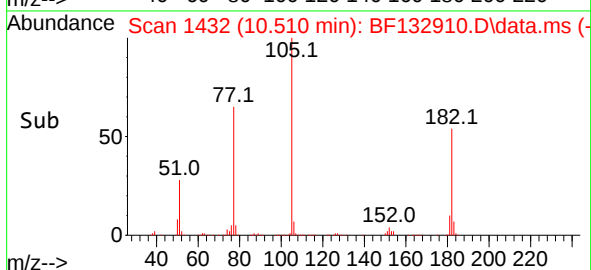
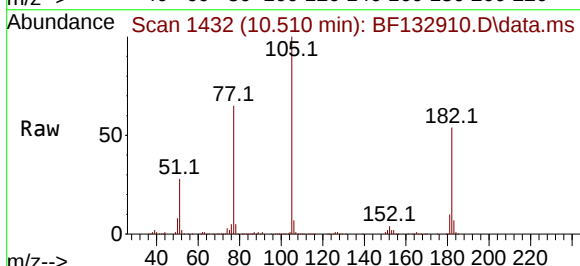
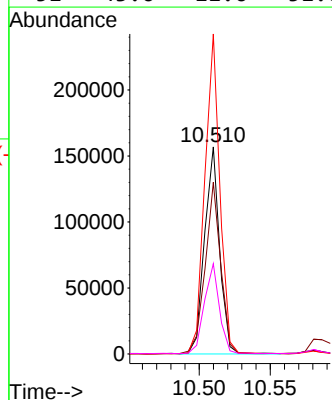
Ion Ratio Lower Upper

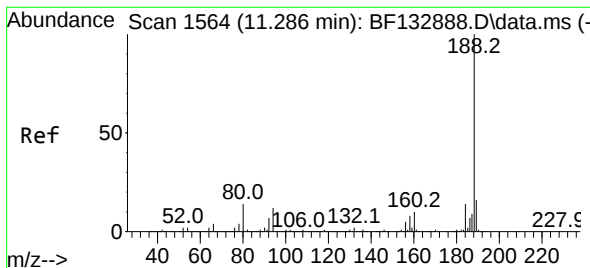
77 100

182 82.9 6.0 46.0#

105 154.6 1.6 41.6#

51 43.6 11.6 51.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

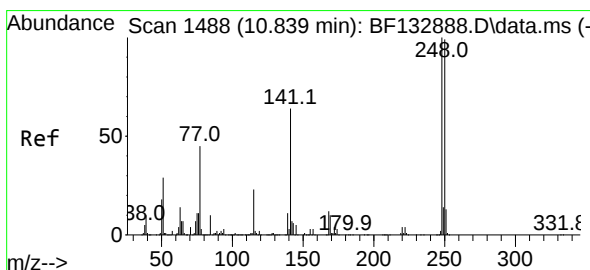
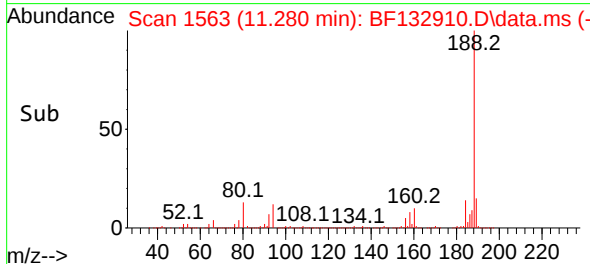
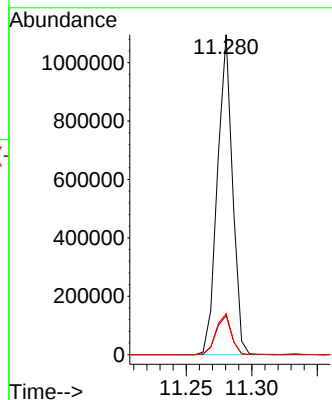
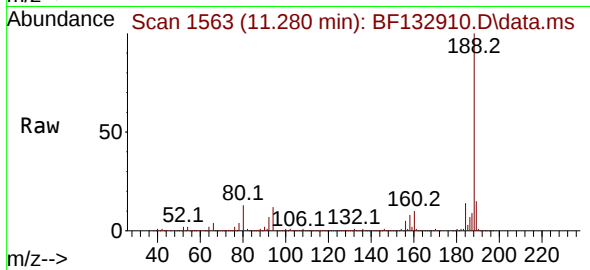
Tgt Ion:188 Resp: 874416

Ion Ratio Lower Upper

188 100

94 12.2 9.9 14.9

80 12.9 10.8 16.2



#67

4-Bromophenyl-phenylether

Concen: 2.008 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.259 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

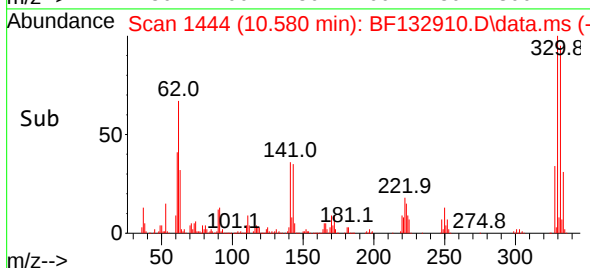
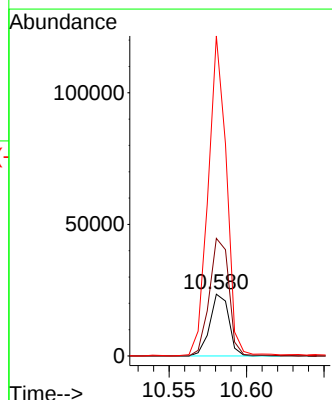
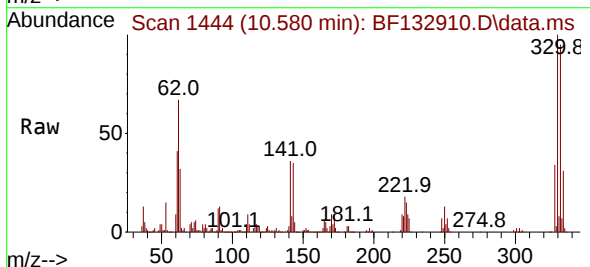
Tgt Ion:248 Resp: 20052

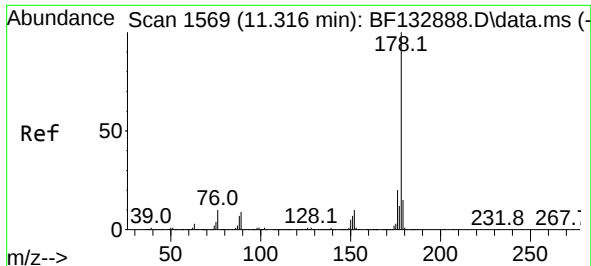
Ion Ratio Lower Upper

248 100

250 190.4 79.1 118.7#

141 517.7 51.0 76.6#

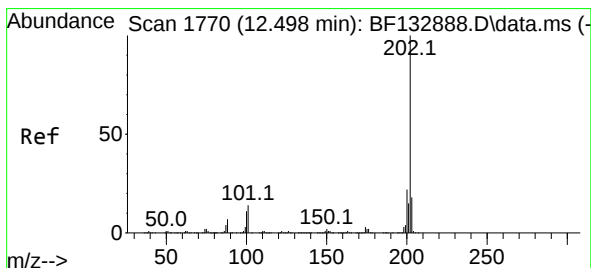
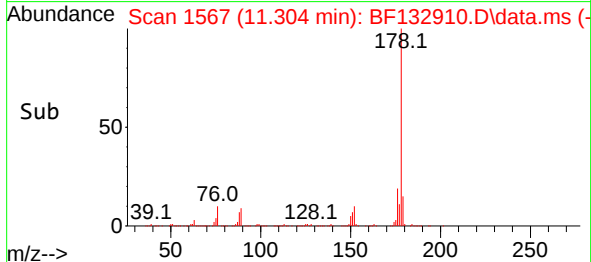
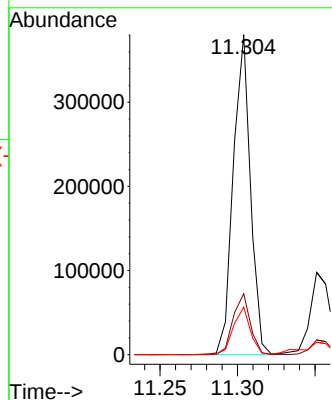
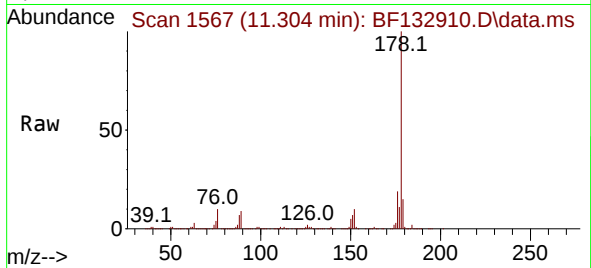




#71
Phenanthrene
Concen: 6.236 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

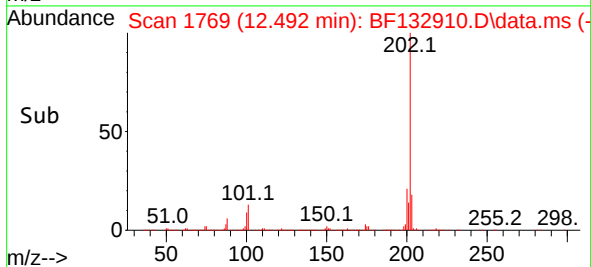
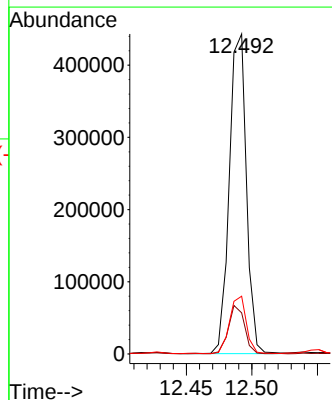
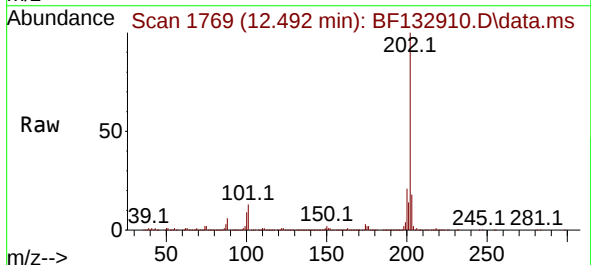
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

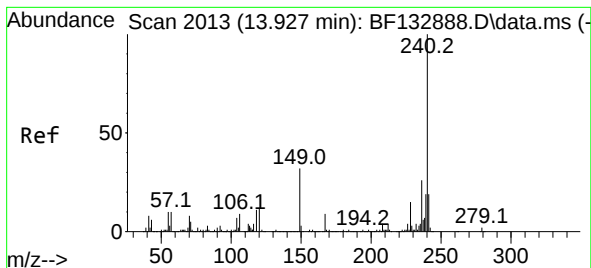
Tgt Ion:178 Resp: 293320
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 14.9 12.3 18.5



#75
Fluoranthene
Concen: 8.586 ng
RT: 12.492 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Tgt Ion:202 Resp: 401582
Ion Ratio Lower Upper
202 100
101 12.9 0.0 34.5
203 18.1 0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.916 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

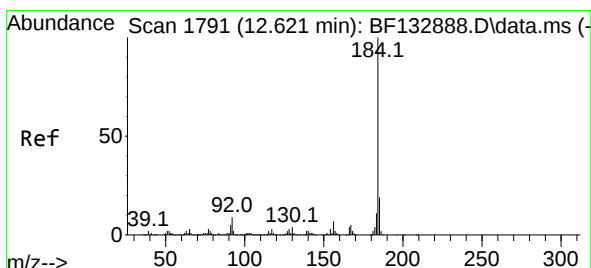
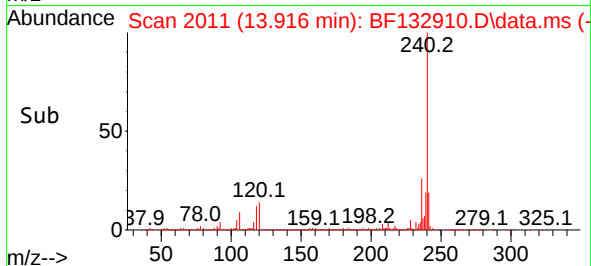
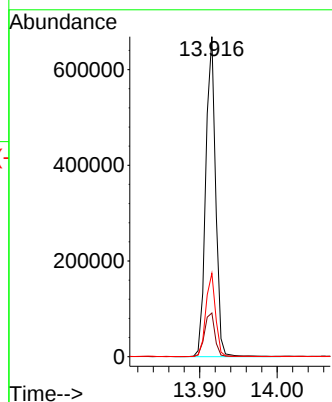
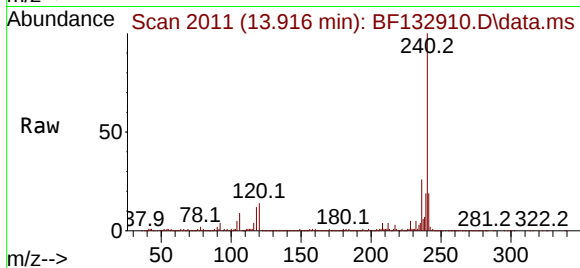
Tgt Ion:240 Resp: 590819

Ion Ratio Lower Upper

240 100

120 13.7 10.0 15.0

236 26.1 20.8 31.2



#77

Benzidine

Concen: 2.327 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.248 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

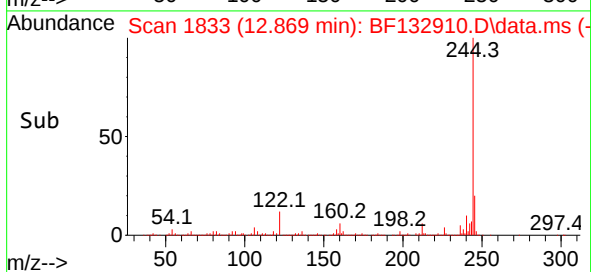
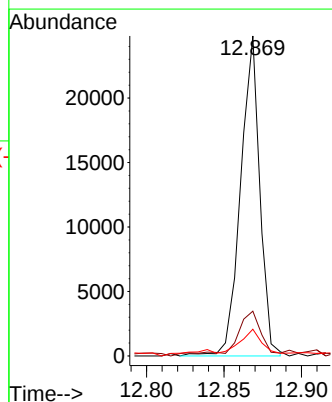
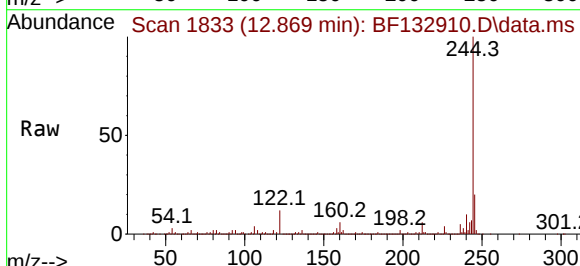
Tgt Ion:184 Resp: 21413

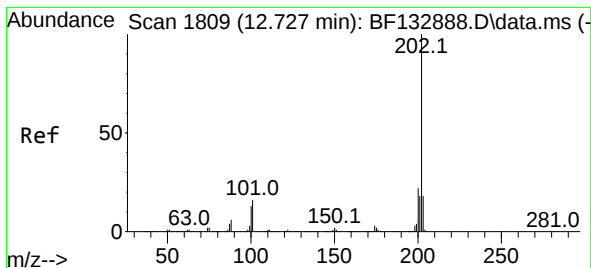
Ion Ratio Lower Upper

184 100

185 14.0 14.9 22.3#

183 8.3 9.0 13.6#





#78

Pyrene

Concen: 7.313 ng

RT: 12.716 min Scan# 1807

Delta R.T. -0.012 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

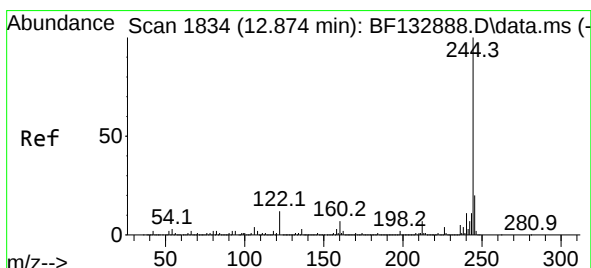
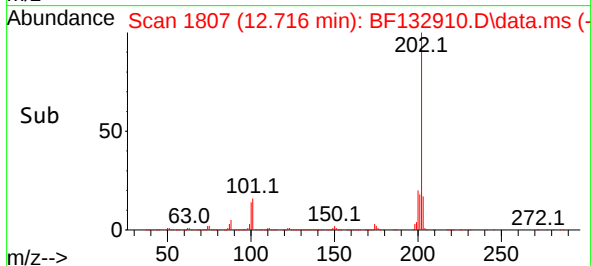
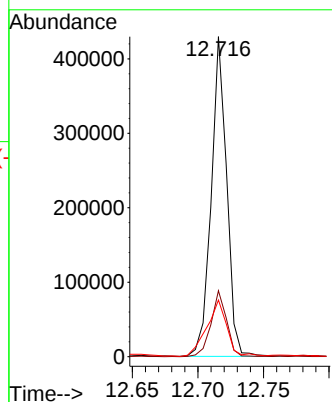
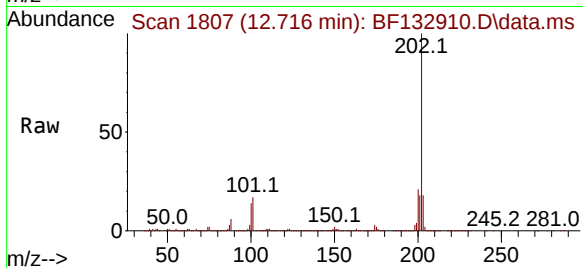
Tgt Ion:202 Resp: 353297

Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

203 17.7 14.6 22.0



#79

Terphenyl-d14

Concen: 51.722 ng

RT: 12.869 min Scan# 1833

Delta R.T. -0.006 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

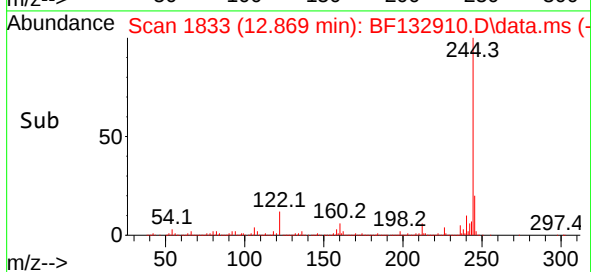
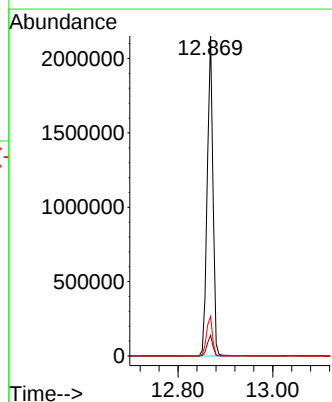
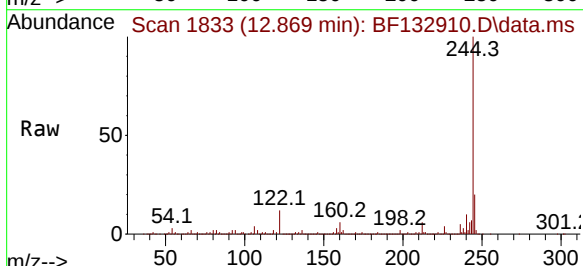
Tgt Ion:244 Resp: 1791141

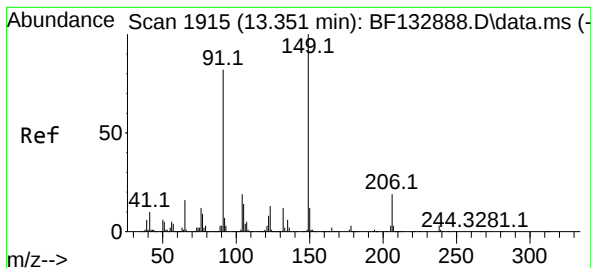
Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 12.4 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.209 ng

RT: 13.345 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

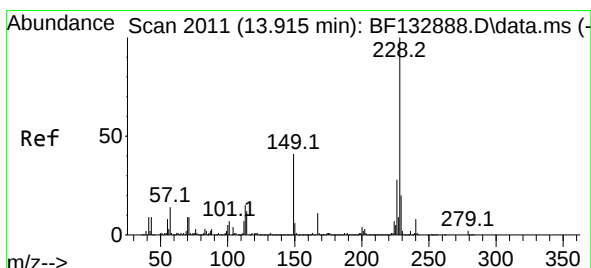
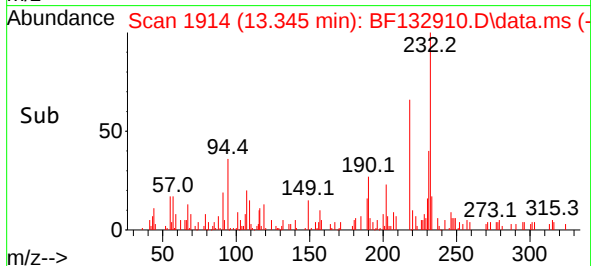
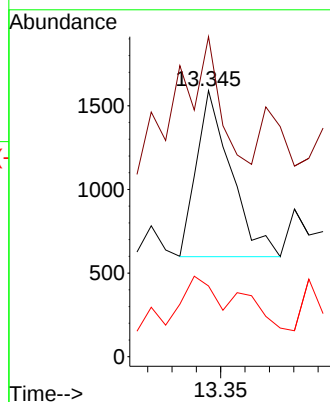
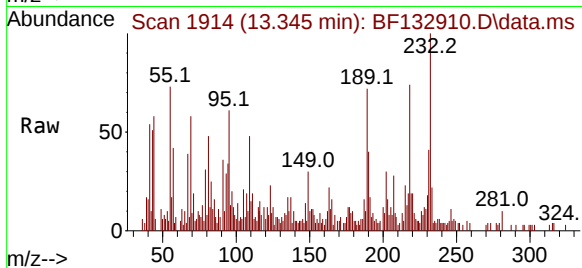
Tgt Ion:149 Resp: 980

Ion Ratio Lower Upper

149 100

91 120.2 65.4 98.0#

206 26.6 15.6 23.4#



#81

Benzo(a)anthracene

Concen: 4.815 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

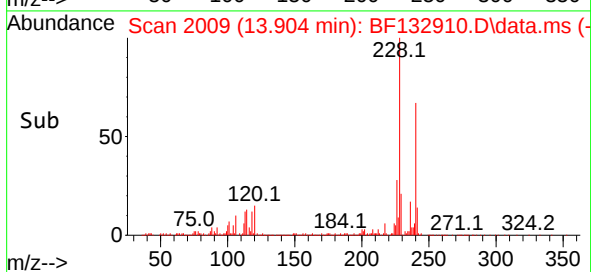
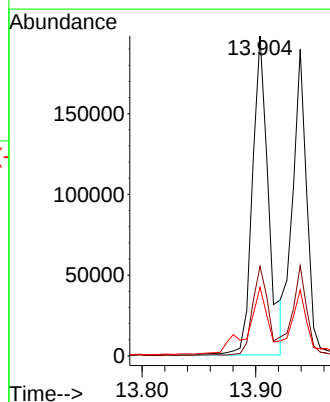
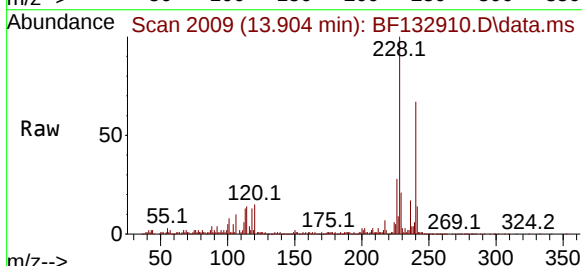
Tgt Ion:228 Resp: 193482

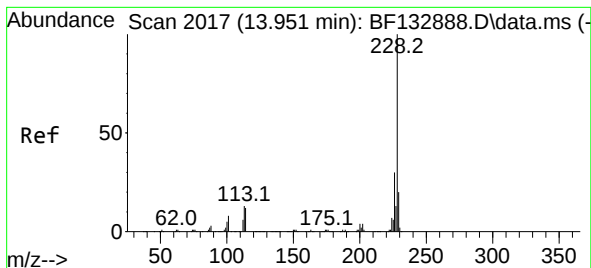
Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

229 21.5 16.2 24.2





#83

Chrysene

Concen: 4.110 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

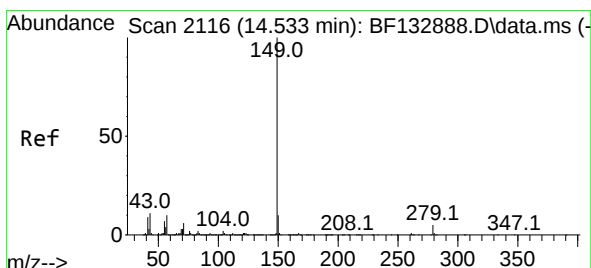
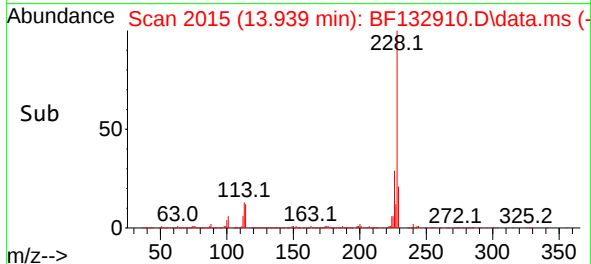
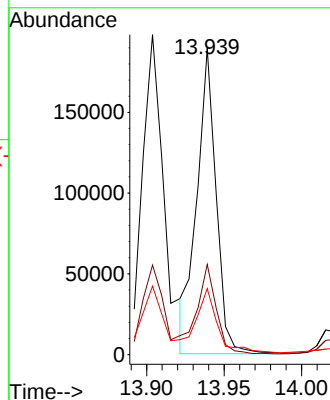
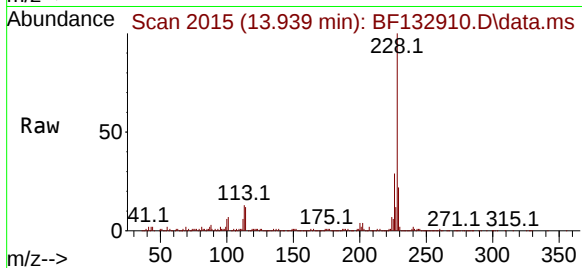
Tgt Ion:228 Resp: 164127

Ion Ratio Lower Upper

228 100

226 29.5 24.3 36.5

229 21.6 16.2 24.4



#85

Di-n-octyl phthalate

Concen: 6.445 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.012 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

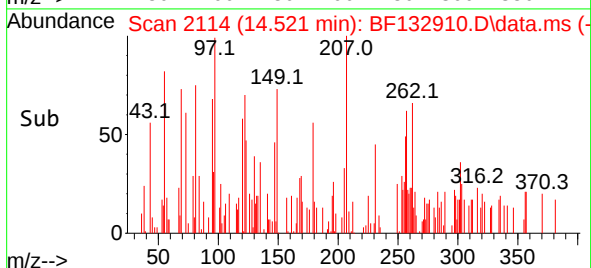
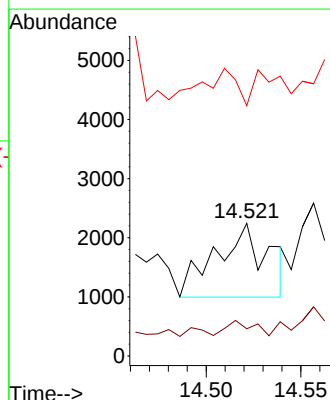
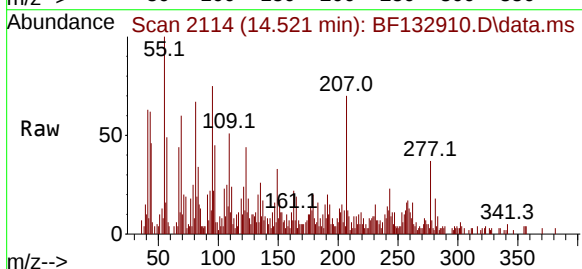
Tgt Ion:149 Resp: 2371

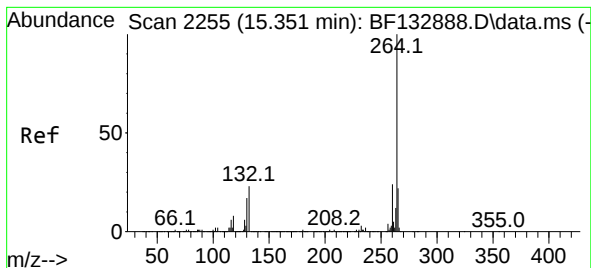
Ion Ratio Lower Upper

149 100

167 10.5 1.2 1.8#

43 25.4 11.5 17.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

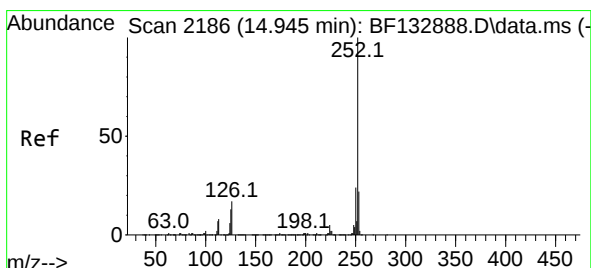
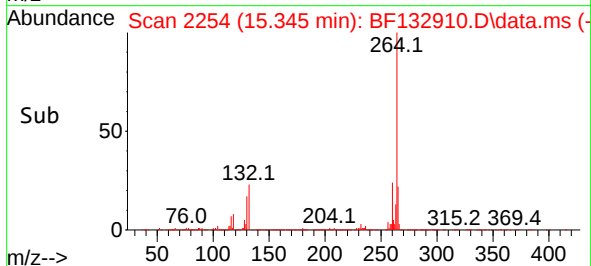
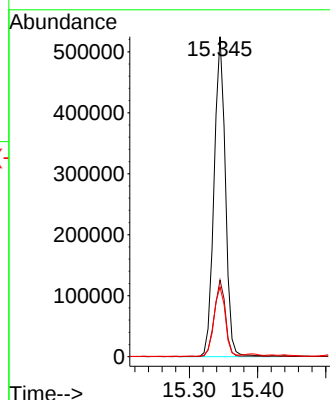
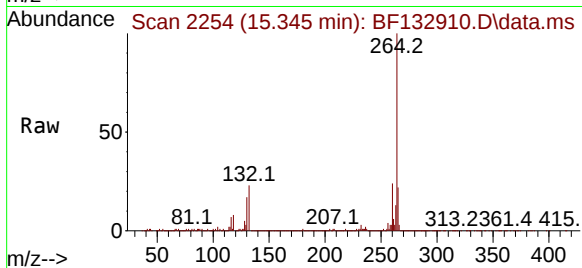
Tgt Ion:264 Resp: 608315

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.7 17.7 26.5



#88

Benzo(b)fluoranthene

Concen: 6.740 ng

RT: 14.933 min Scan# 2184

Delta R.T. -0.012 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

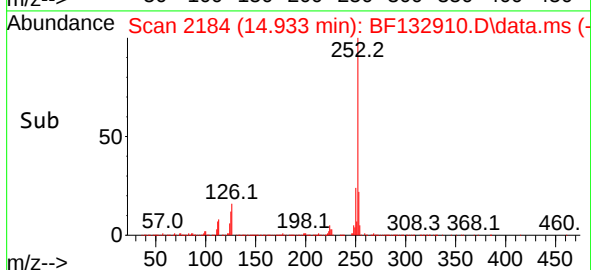
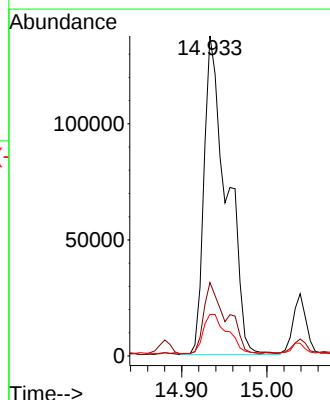
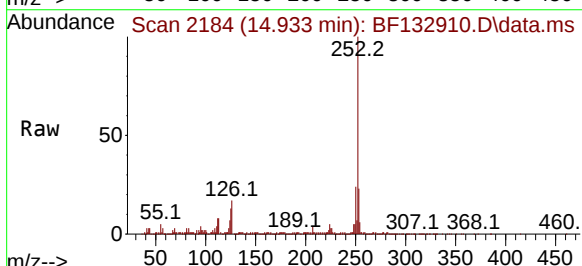
Tgt Ion:252 Resp: 255394

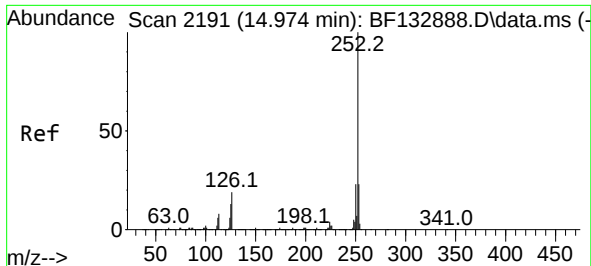
Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 13.0 10.0 15.0

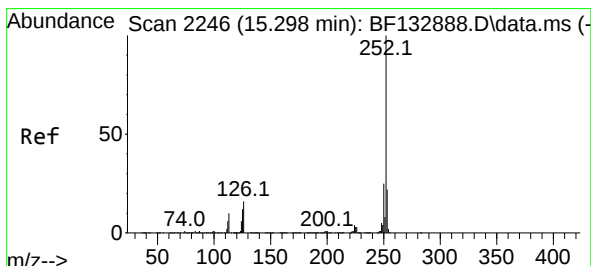
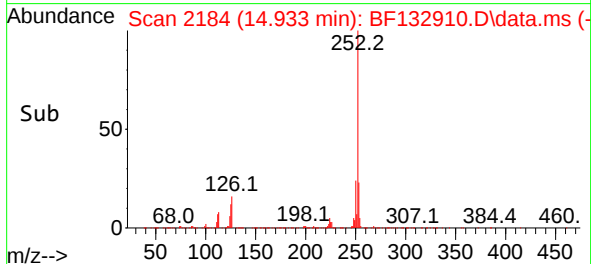
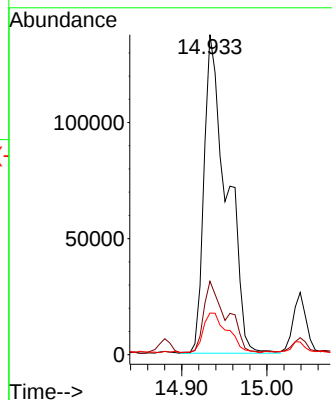
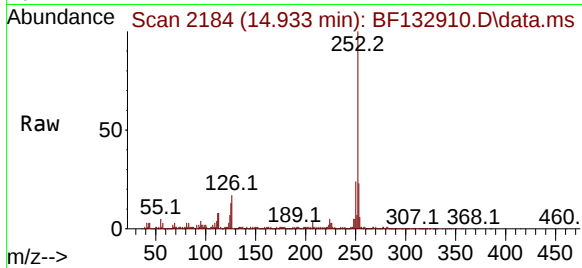




#89
Benzo(k)fluoranthene
Concen: 6.766 ng
RT: 14.933 min Scan# 2191
Delta R.T. -0.041 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

Tgt Ion:252 Resp: 255394
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 13.0 10.0 15.0



#90
Benzo(a)pyrene
Concen: 3.652 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.018 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Tgt Ion:252 Resp: 126421
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 13.9 9.9 14.9

