

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013938.D
 Acq On : 03 Mar 2023 00:12
 Operator : CG/JU
 Sample : 01744-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11939

Quant Time: Mar 03 02:43:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

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

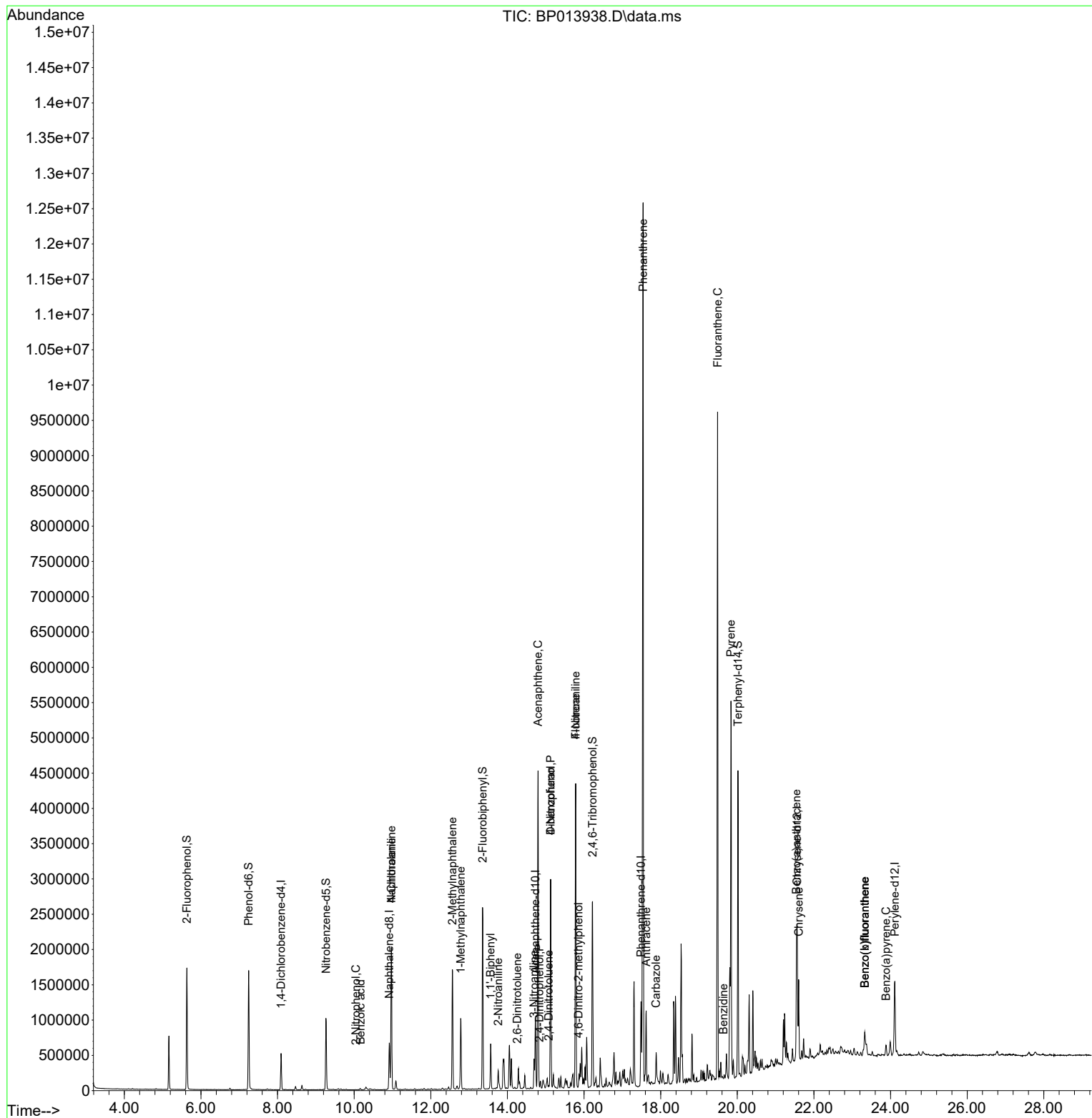
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	132187	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	536338	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	351308	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	745178	20.000	ng	0.00
76) Chrysene-d12	21.563	240	731308	20.000	ng	# 0.00
86) Perylene-d12	24.110	264	875578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	701711	87.489	ng	0.00
7) Phenol-d6	7.246	99	923239	89.878	ng	0.00
23) Nitrobenzene-d5	9.263	82	597595	60.167	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	402061	78.621	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	1276019	47.708	ng	0.00
79) Terphenyl-d14	20.016	244	2005471	52.762	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	10.046	139	48	2.778	ng	# 1
31) Naphthalene	10.969	128	1592791	54.166	ng	99
32) Benzoic acid	10.169	122	41	5.081	ng	# 1
33) 4-Chloroaniline	10.969	127	215723	17.471	ng	# 36
37) 2-Methylnaphthalene	12.563	142	775989	36.456	ng	97
38) 1-Methylnaphthalene	12.781	142	444187	22.297	ng	98
46) 1,1'-Biphenyl	13.563	154	317000	11.164	ng	99
48) 2-Nitroaniline	13.757	65	1368	3.438	ng	# 22
51) 2,6-Dinitrotoluene	14.257	165	445	2.056	ng	# 55
52) Acenaphthene	14.798	154	1541067	74.266	ng	99
53) 3-Nitroaniline	14.692	138	689	2.109	ng	# 87
54) 2,4-Dinitrophenol	14.834	184	138	5.293	ng	# 1
55) Dibenzofuran	15.128	168	1737468	50.322	ng	97
56) 4-Nitrophenol	15.128	139	696818	136.365	ng	# 7
57) 2,4-Dinitrotoluene	15.075	165	4062	2.741	ng	# 52
58) Fluorene	15.781	166	1928959	71.252	ng	99
62) 4-Nitroaniline	15.781	138	24505	6.015	ng	# 17
65) 4,6-Dinitro-2-methylph...	15.857	198	82	4.638	ng	# 1
71) Phenanthrene	17.539	178	7934769	190.072	ng	99
72) Anthracene	17.622	178	640677	15.348	ng	99
73) Carbazole	17.880	167	237032	6.308	ng	98
75) Fluoranthene	19.486	202	5813098	111.701	ng	97
77) Benzidine	19.639	184	410	2.309	ng	# 1
78) Pyrene	19.833	202	3488372	69.802	ng	100
81) Benzo(a)anthracene	21.545	228	842898	16.096	ng	99
83) Chrysene	21.604	228	705272	13.902	ng	98
88) Benzo(b)fluoranthene	23.327	252	349939	6.319	ng	98
89) Benzo(k)fluoranthene	23.327	252	349939	6.225	ng	97
90) Benzo(a)pyrene	23.880	252	120458	2.250	ng	97

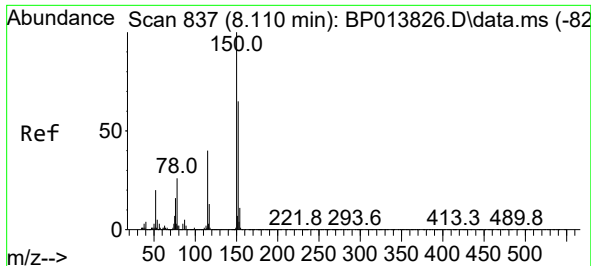
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013938.D
Acq On : 03 Mar 2023 00:12
Operator : CG/JU
Sample : 01744-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11939

Quant Time: Mar 03 02:43:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 02 04:26:35 2023
Response via : Initial Calibration

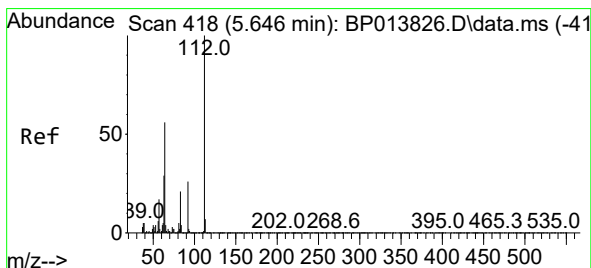
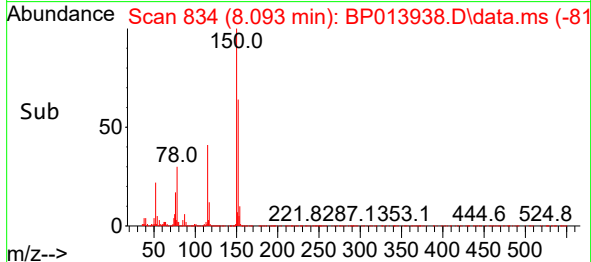
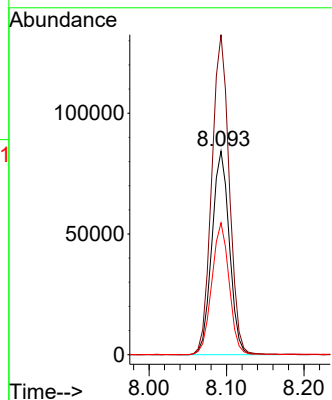
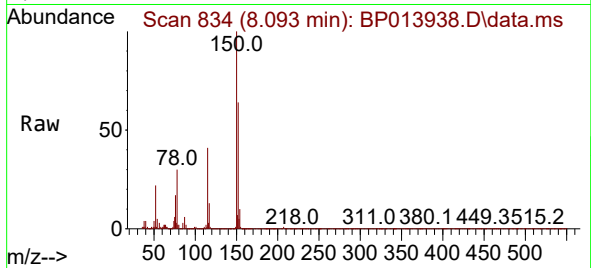




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

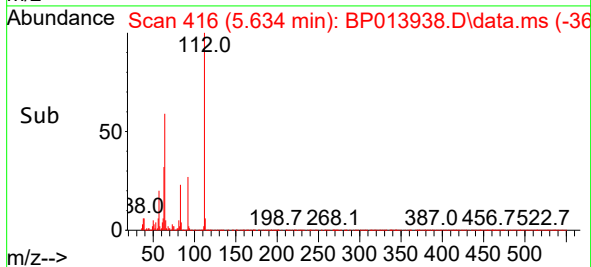
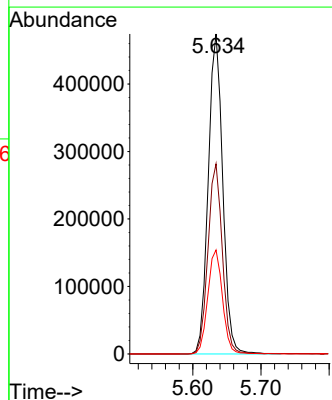
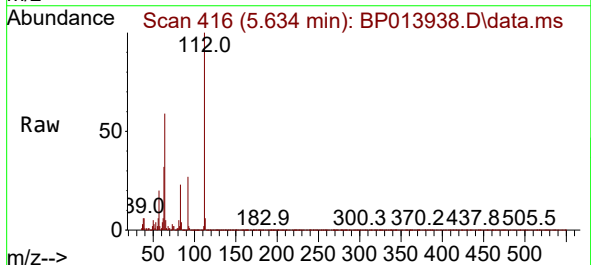
Instrument :
BNA_P
ClientSampleId :
72-11939

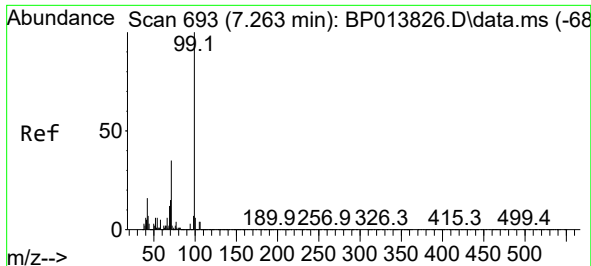
Tgt Ion:152 Resp: 132187
Ion Ratio Lower Upper
152 100
150 157.3 122.8 184.2
115 64.8 49.0 73.6



#5
2-Fluorophenol
Concen: 87.489 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Tgt Ion:112 Resp: 701711
Ion Ratio Lower Upper
112 100
64 59.4 44.6 66.8
63 32.5 23.6 35.4

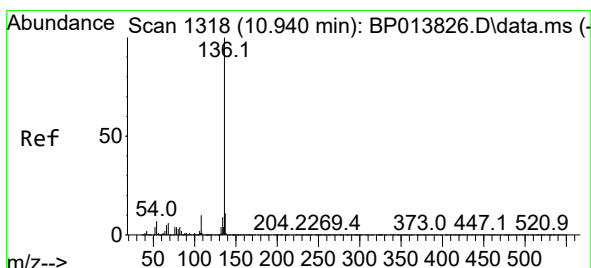
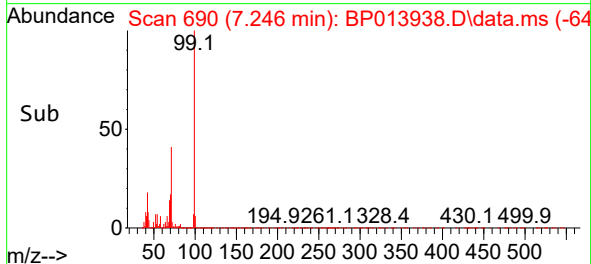
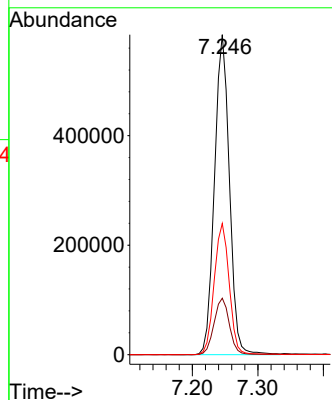
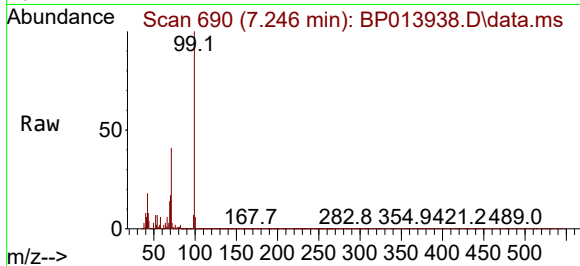




#7
Phenol-d6
Concen: 89.878 ng
RT: 7.246 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

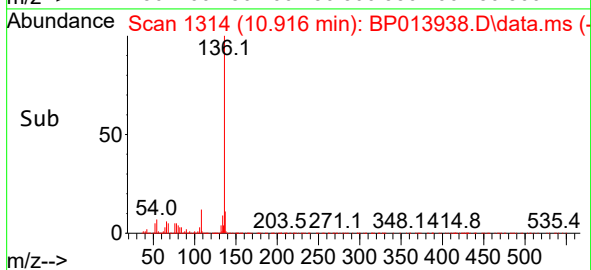
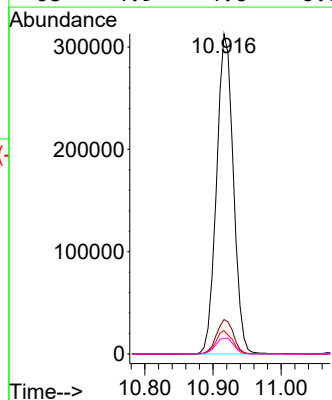
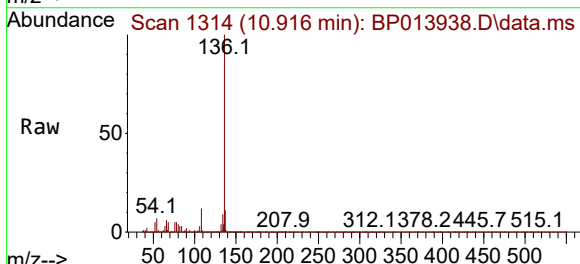
Instrument :
BNA_P
ClientSampleId :
72-11939

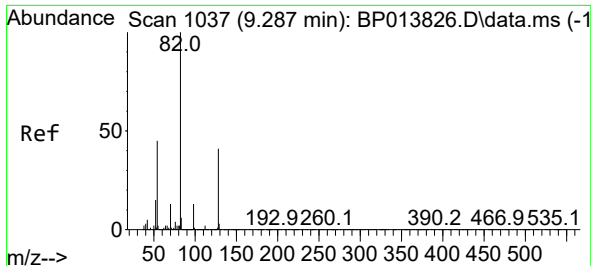
Tgt Ion: 99 Resp: 923239
Ion Ratio Lower Upper
99 100
42 17.7 12.5 18.7
71 41.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Tgt Ion: 136 Resp: 536338
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.3 5.8 8.6
68 4.9 4.6 6.8

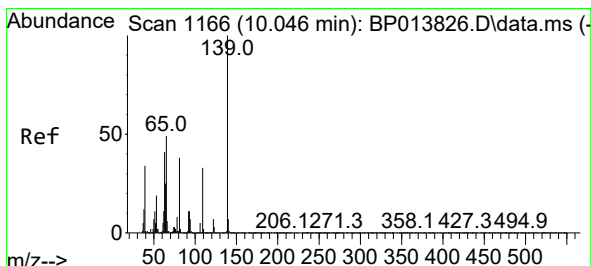
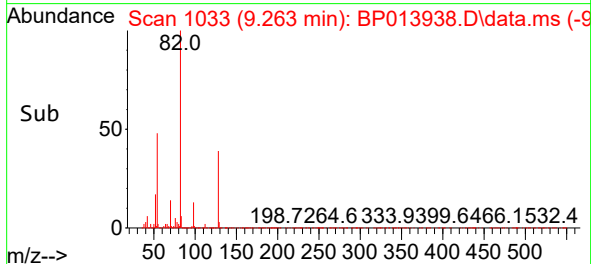
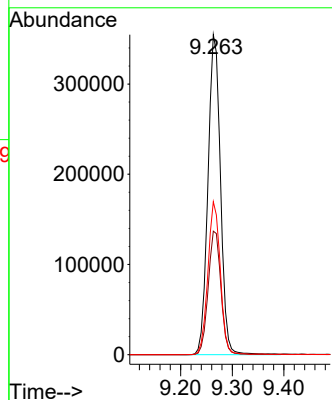
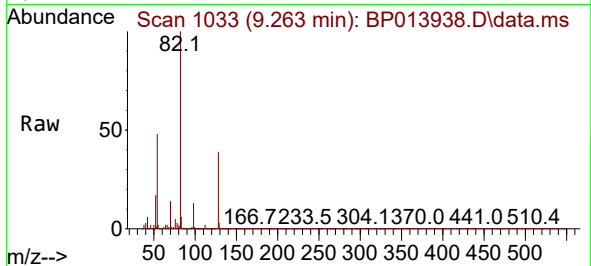




#23
Nitrobenzene-d5
Concen: 60.167 ng
RT: 9.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

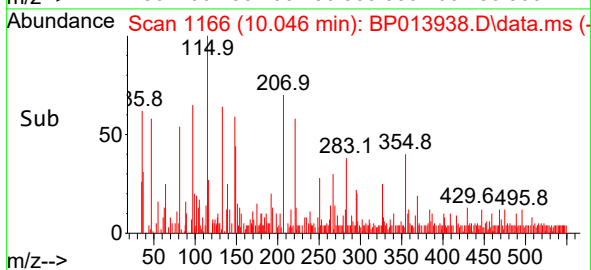
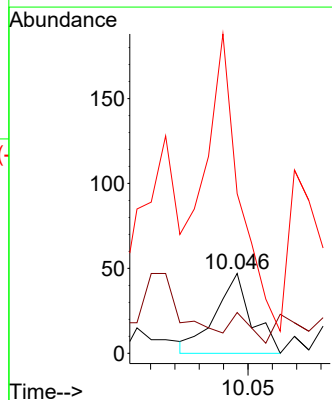
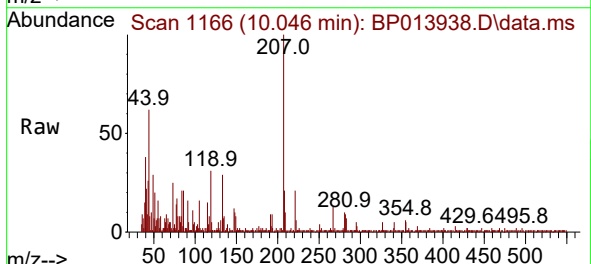
Instrument :
BNA_P
ClientSampleId :
72-11939

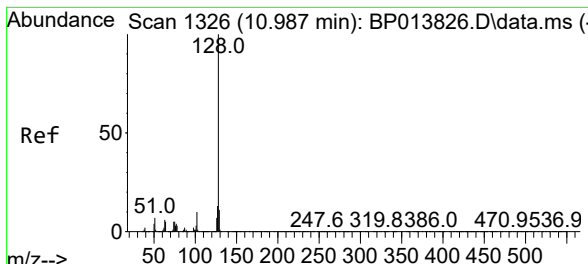
Tgt Ion: 82 Resp: 597595
Ion Ratio Lower Upper
82 100
128 38.6 32.9 49.3
54 47.8 35.6 53.4



#26
2-Nitrophenol
Concen: 2.778 ng
RT: 10.046 min Scan# 1166
Delta R.T. 0.018 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Tgt Ion:139 Resp: 48
Ion Ratio Lower Upper
139 100
109 51.1 26.7 40.1#
65 200.0 39.4 59.2#



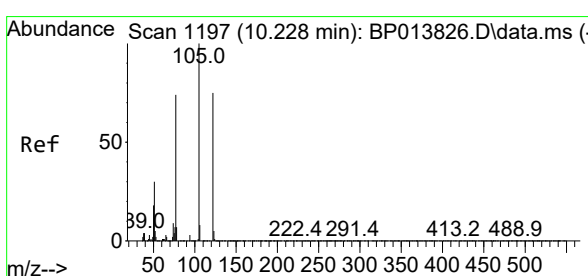
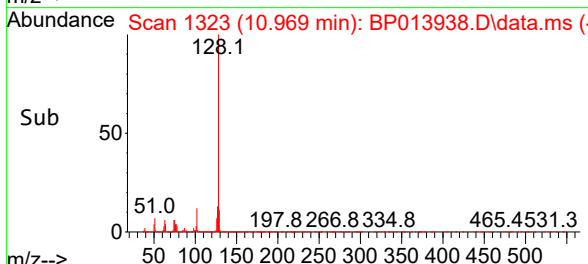
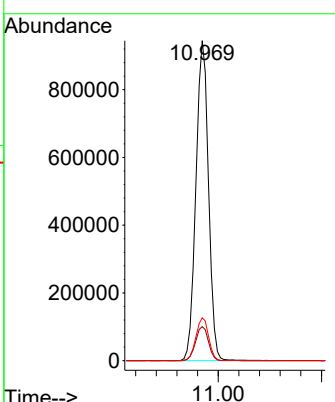
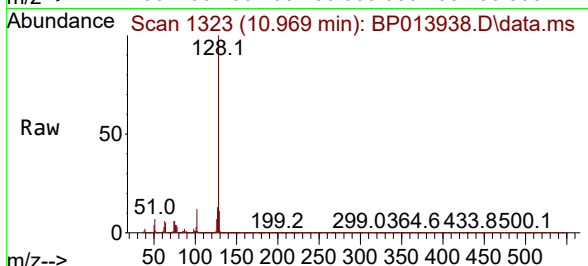


#31
Naphthalene
Concen: 54.166 ng
RT: 10.969 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Instrument :
BNA_P
ClientSampleId :
72-11939

Tgt Ion:128 Resp: 1592791

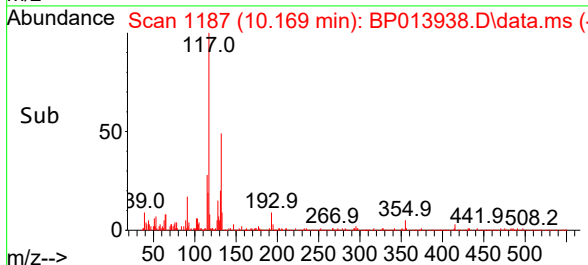
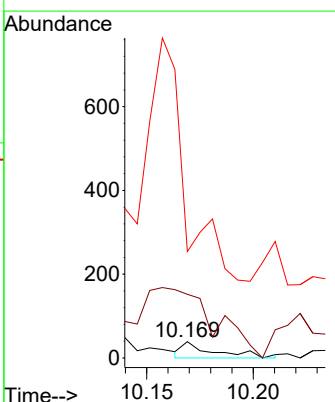
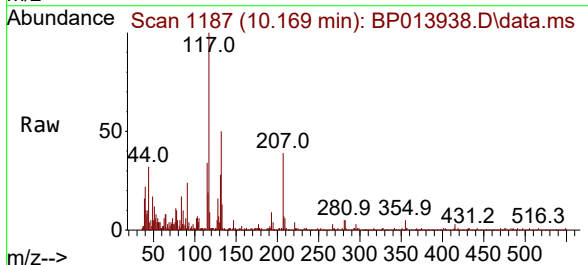
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.4	10.4	15.6

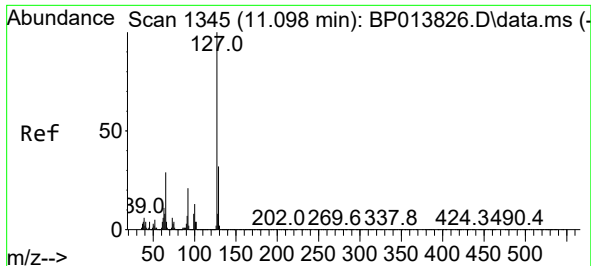


#32
Benzoic acid
Concen: 5.081 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.041 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Tgt Ion:122 Resp: 41

Ion	Ratio	Lower	Upper
122	100		
105	389.7	107.4	147.4#
77	651.3	76.0	116.0#

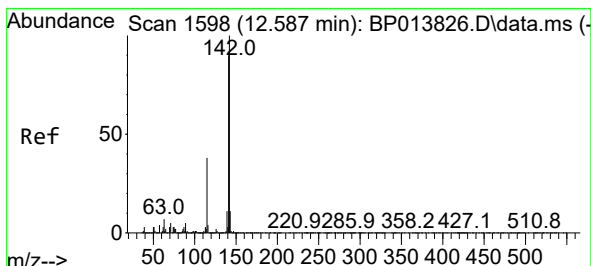
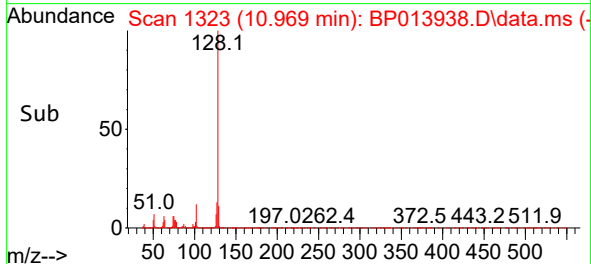
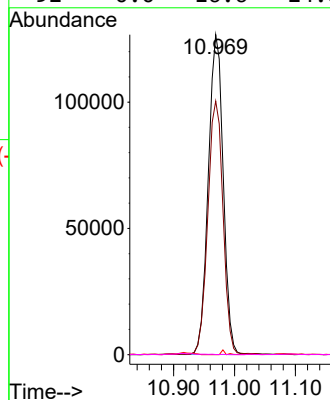
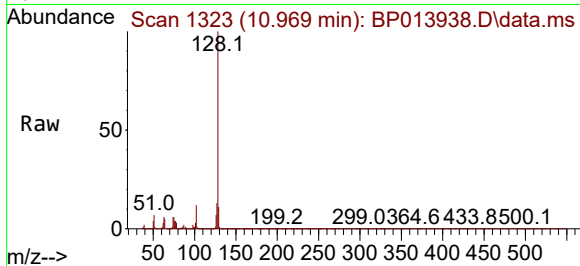




#33
4-Chloroaniline
Concen: 17.471 ng
RT: 10.969 min Scan# 11
Delta R.T. -0.112 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

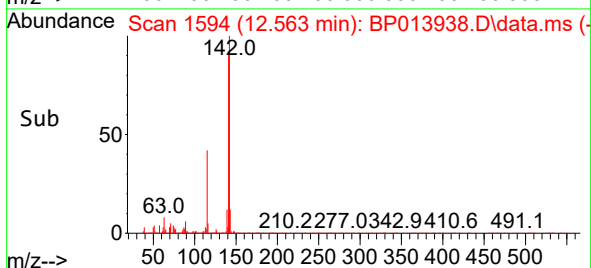
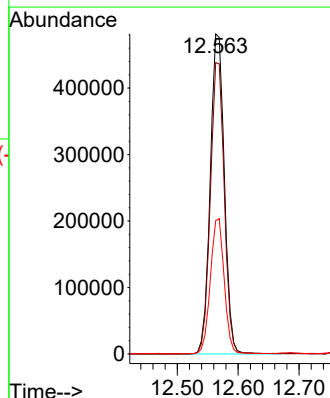
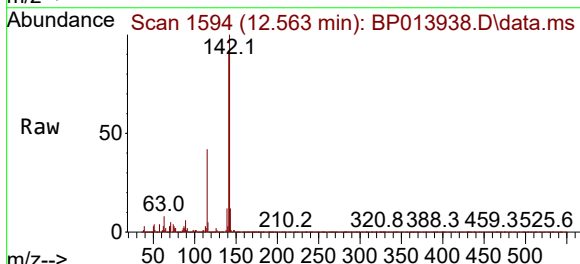
Instrument :
BNA_P
ClientSampleId :
72-11939

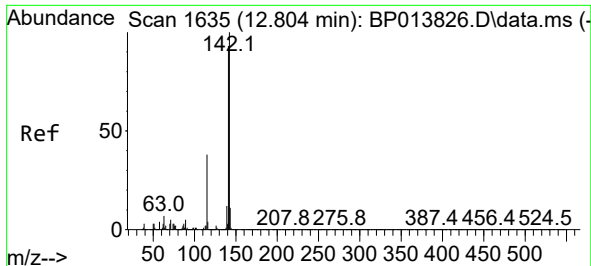
Tgt Ion:	127	Resp:	215723
Ion	Ratio	Lower	Upper
127	100		
129	79.2	25.7	38.5#
65	0.0	23.4	35.2#
92	0.0	16.6	24.8#



#37
2-Methylnaphthalene
Concen: 36.456 ng
RT: 12.563 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Tgt Ion:	142	Resp:	775989
Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.1	108.1
115	41.7	30.2	45.4

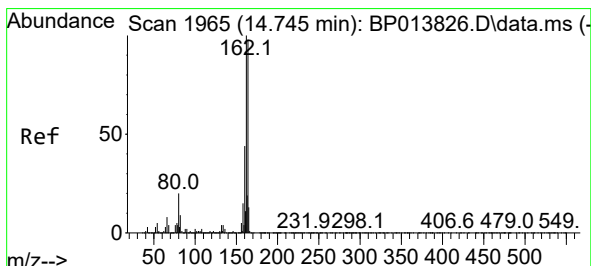
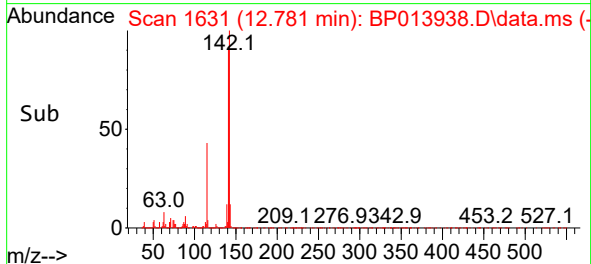
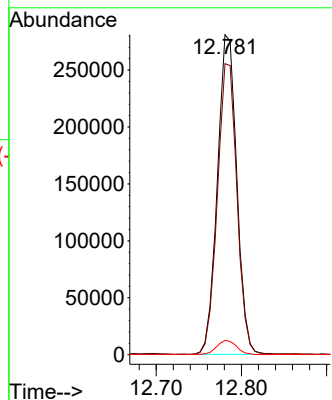
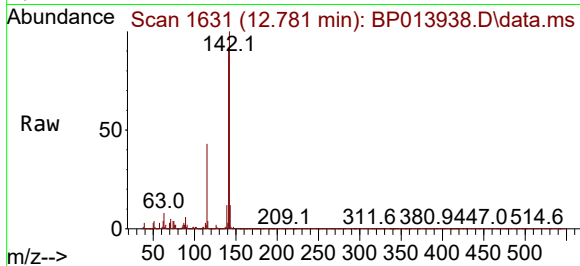




#38
1-Methylnaphthalene
Concen: 22.297 ng
RT: 12.781 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

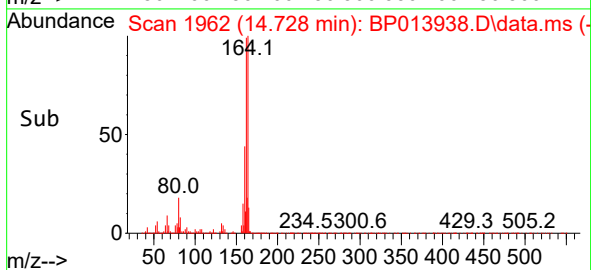
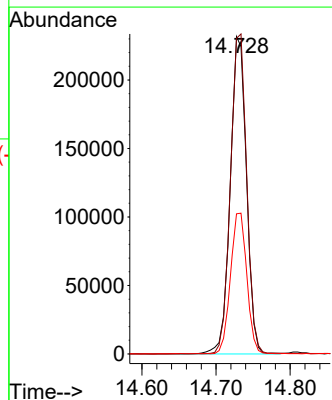
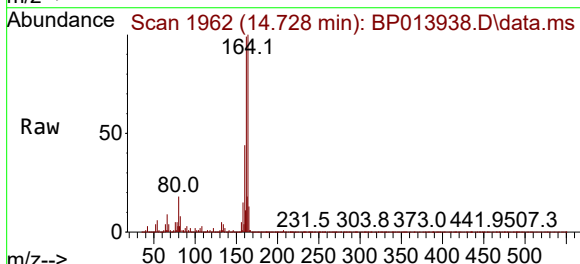
Instrument :
BNA_P
ClientSampleId :
72-11939

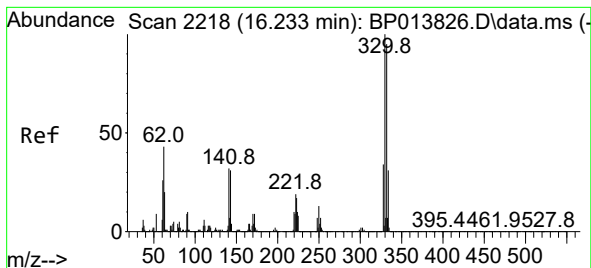
Tgt Ion:142 Resp: 444187
Ion Ratio Lower Upper
142 100
141 91.0 74.2 111.4
116 4.5 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Tgt Ion:164 Resp: 351308
Ion Ratio Lower Upper
164 100
162 99.4 81.7 122.5
160 44.1 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 78.621 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

Instrument :

BNA_P

ClientSampleId :

72-11939

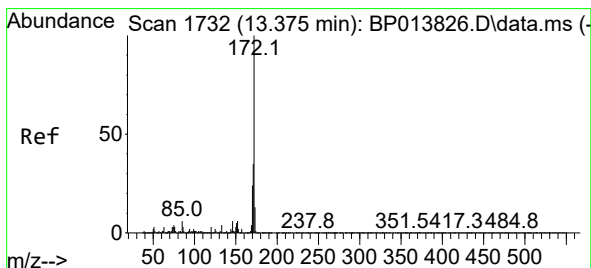
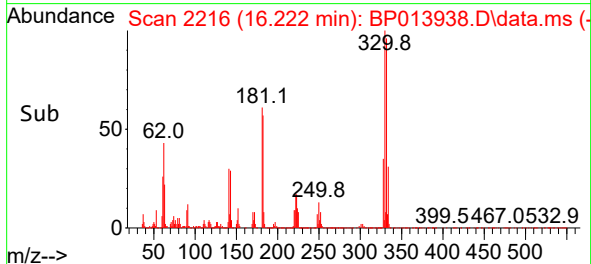
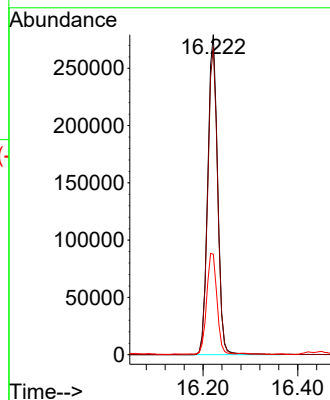
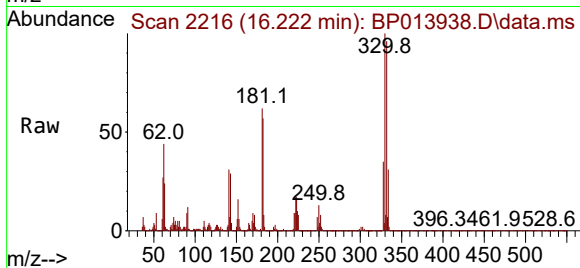
Tgt Ion:330 Resp: 402061

Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

141 32.5 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 47.708 ng

RT: 13.351 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

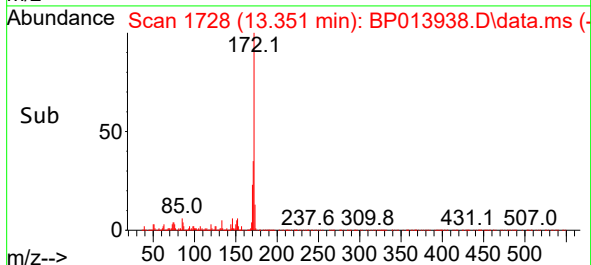
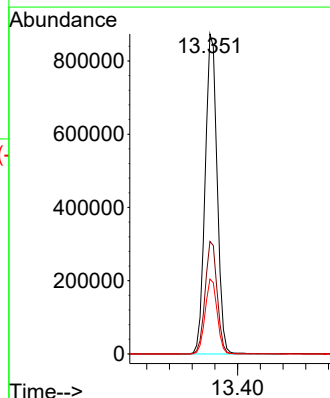
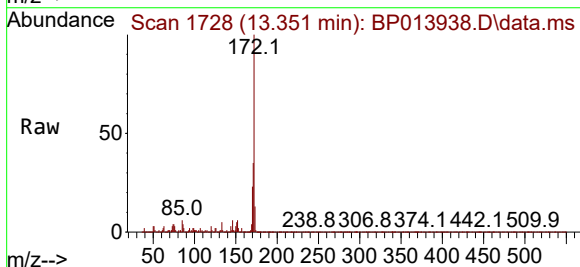
Tgt Ion:172 Resp: 1276019

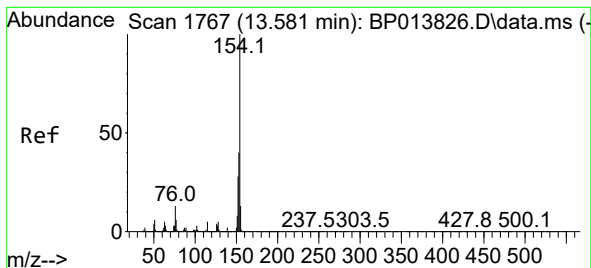
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.4 19.0 28.4





#46

1,1'-Biphenyl

Concen: 11.164 ng

RT: 13.563 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

Instrument :

BNA_P

ClientSampleId :

72-11939

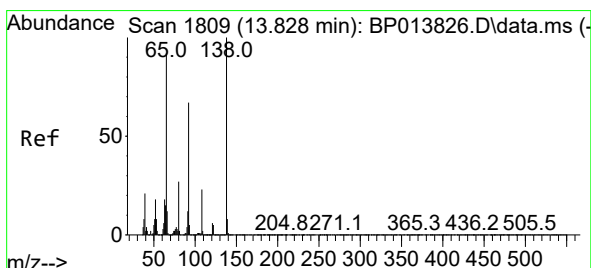
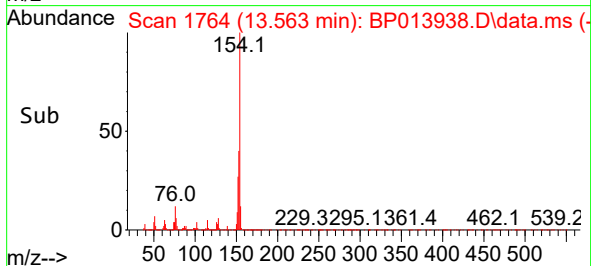
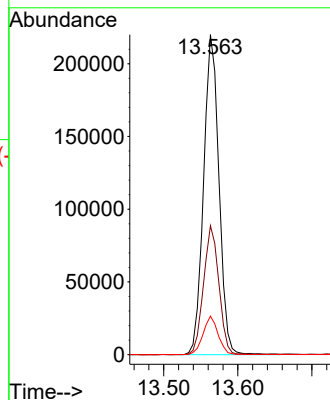
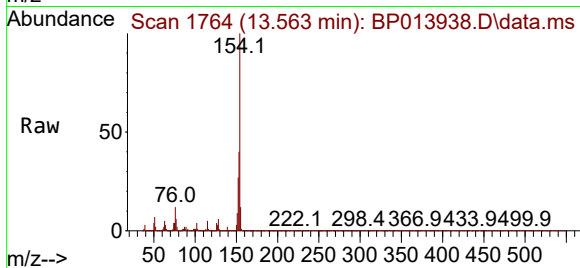
Tgt Ion:154 Resp: 317000

Ion Ratio Lower Upper

154 100

153 40.3 19.9 59.9

76 12.1 0.0 32.8



#48

2-Nitroaniline

Concen: 3.438 ng

RT: 13.757 min Scan# 1797

Delta R.T. -0.059 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

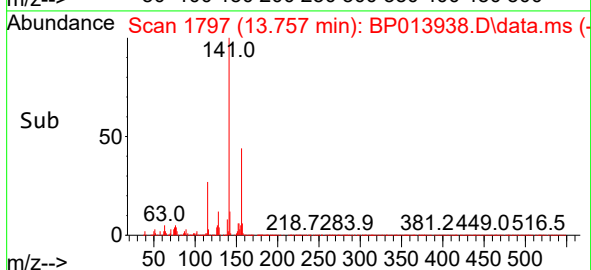
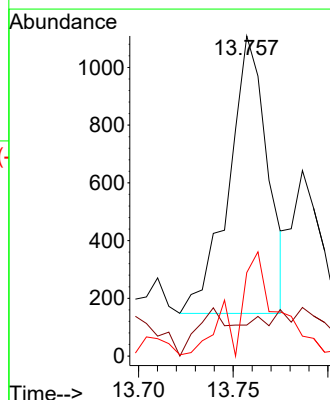
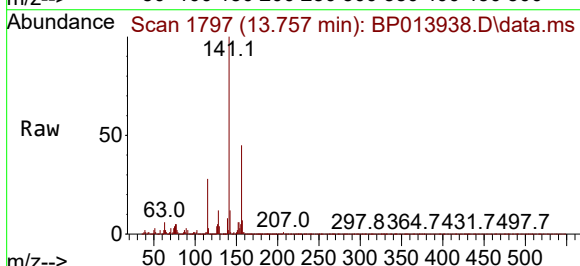
Tgt Ion: 65 Resp: 1368

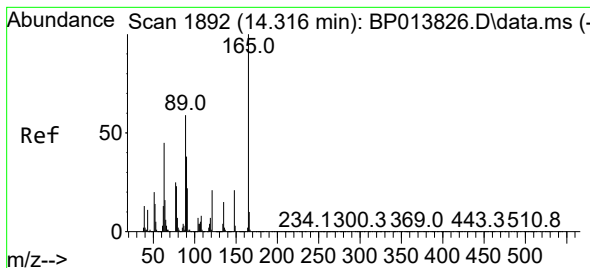
Ion Ratio Lower Upper

65 100

92 9.6 58.7 88.1#

138 26.1 87.3 130.9#

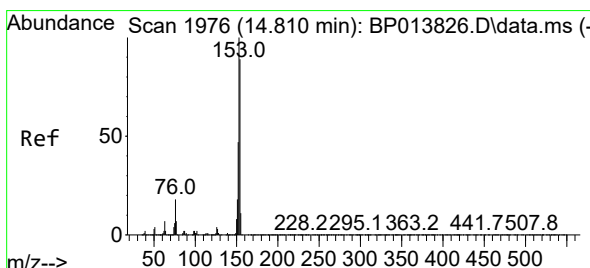
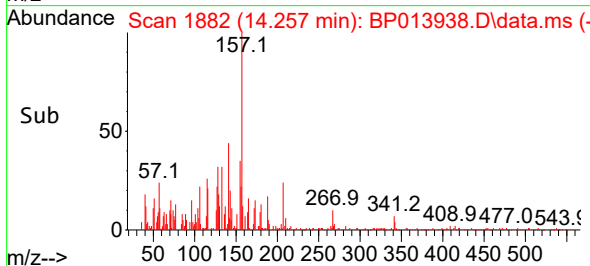
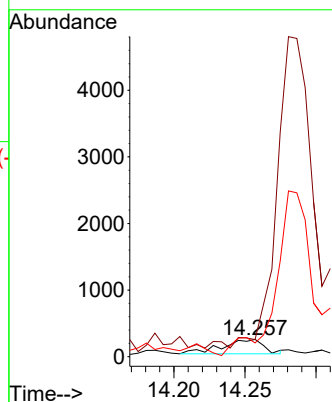
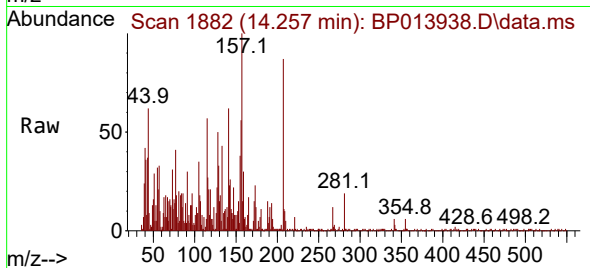




#51
2,6-Dinitrotoluene
Concen: 2.056 ng
RT: 14.257 min Scan# 1882
Delta R.T. -0.053 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

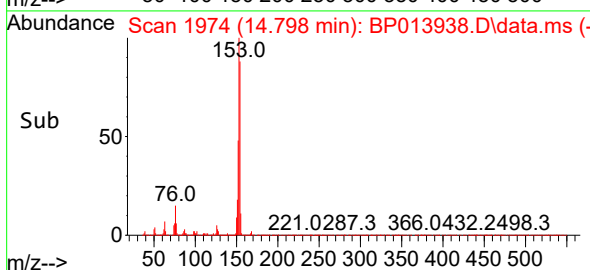
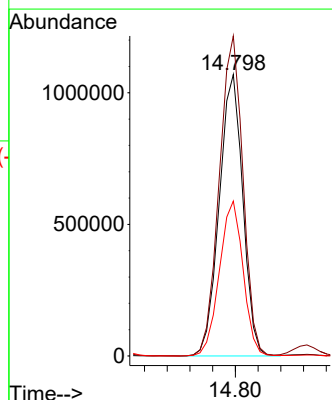
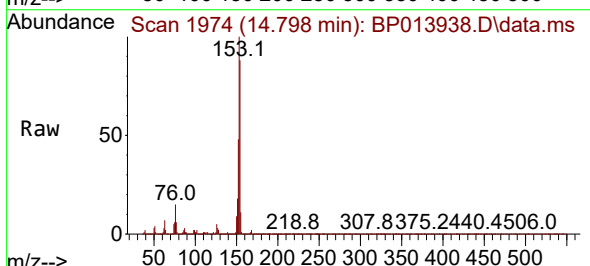
Instrument :
BNA_P
ClientSampleId :
72-11939

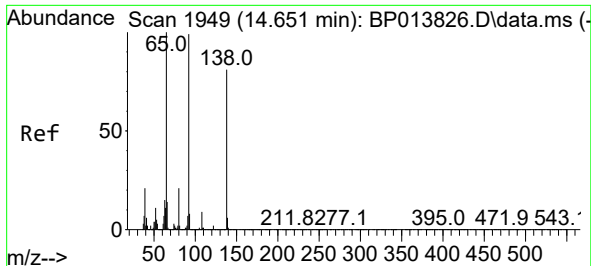
Tgt Ion:165 Resp: 445
Ion Ratio Lower Upper
165 100
63 99.6 42.6 63.8#
89 79.5 47.1 70.7#



#52
Acenaphthene
Concen: 74.266 ng
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Tgt Ion:154 Resp: 1541067
Ion Ratio Lower Upper
154 100
153 113.7 90.4 135.6
152 55.0 42.6 64.0

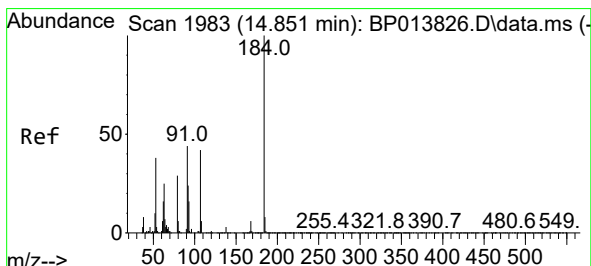
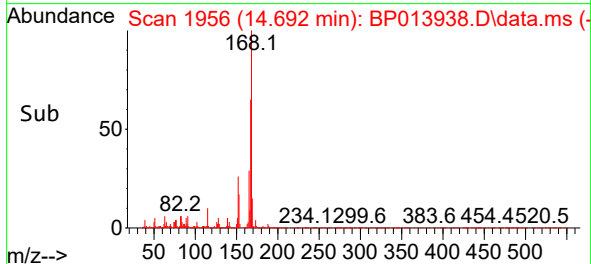
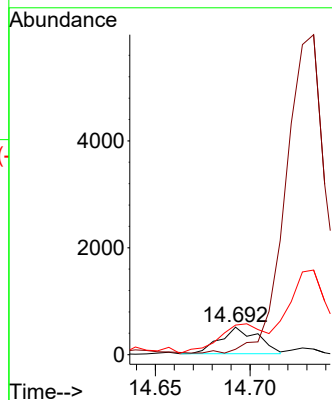
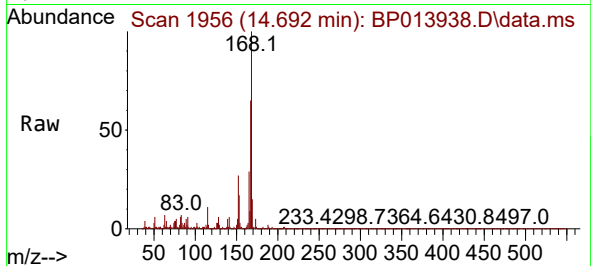




#53
3-Nitroaniline
Concen: 2.109 ng
RT: 14.692 min Scan# 1956
Delta R.T. 0.053 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

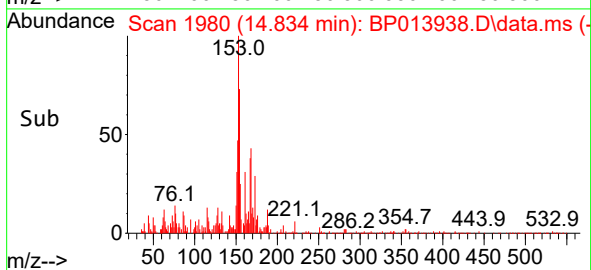
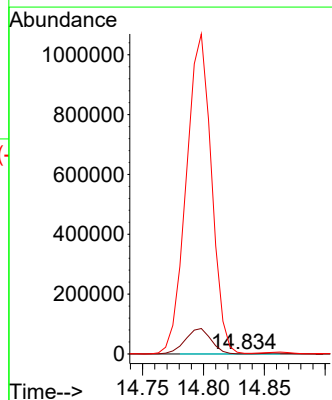
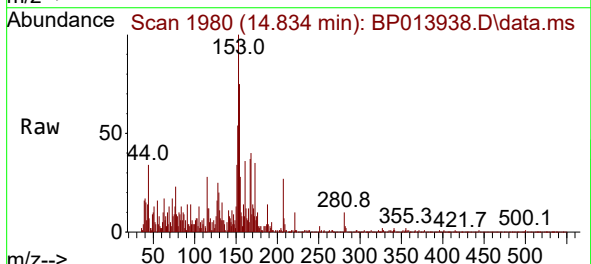
Instrument :
BNA_P
ClientSampleId :
72-11939

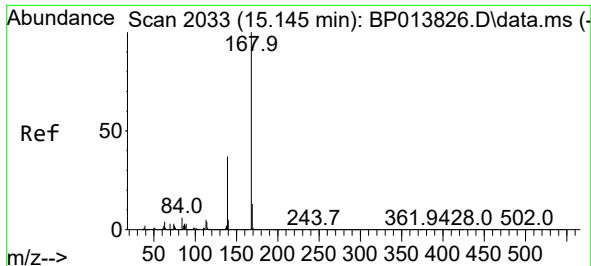
Tgt Ion:138 Resp: 689
Ion Ratio Lower Upper
138 100
108 19.8 9.0 13.4#
92 108.0 97.1 145.7



#54
2,4-Dinitrophenol
Concen: 5.293 ng
RT: 14.834 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Tgt Ion:184 Resp: 138
Ion Ratio Lower Upper
184 100
63 555.1 47.0 70.4#
154 2511.2 51.5 77.3#

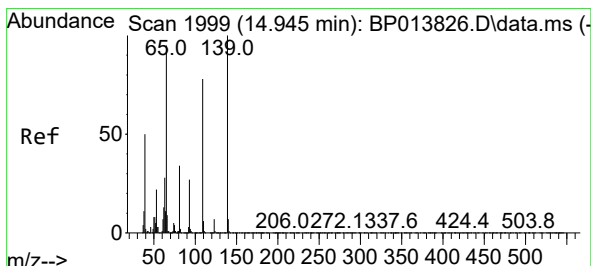
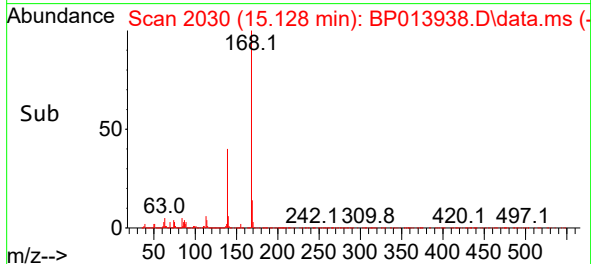
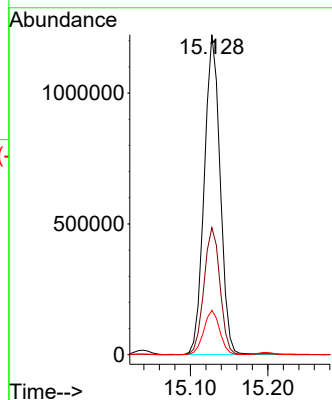
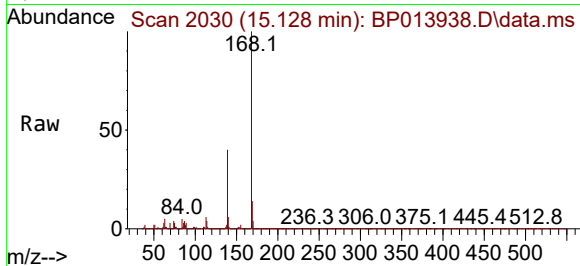




#55
Dibenzenofuran
Concen: 50.322 ng
RT: 15.128 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

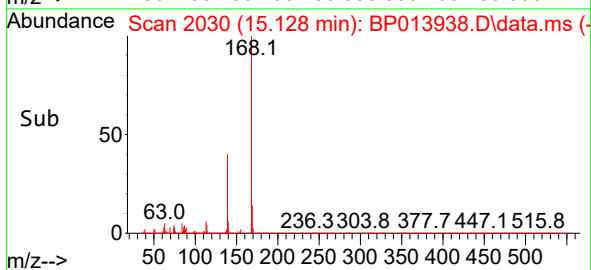
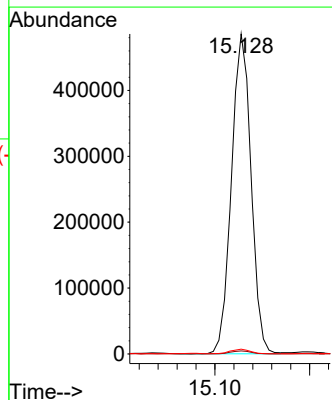
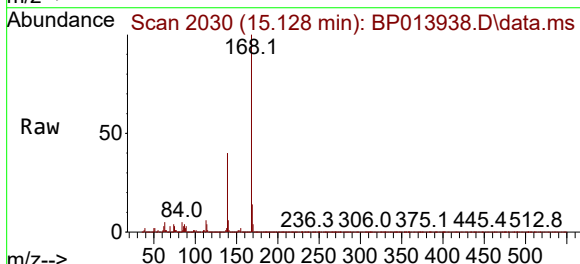
Instrument :
BNA_P
ClientSampleId :
72-11939

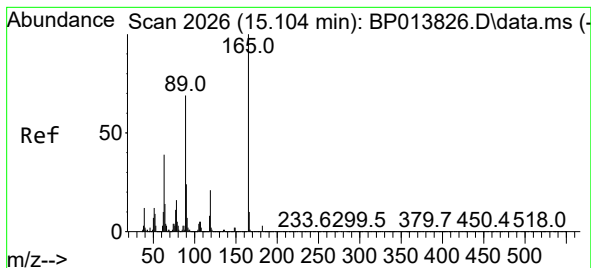
Tgt Ion:168 Resp: 1737468
Ion Ratio Lower Upper
168 100
139 39.7 29.8 44.8
169 13.9 10.8 16.2



#56
4-Nitrophenol
Concen: 136.365 ng
RT: 15.128 min Scan# 2030
Delta R.T. 0.188 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Tgt Ion:139 Resp: 696818
Ion Ratio Lower Upper
139 100
109 1.0 58.2 98.2#
65 1.5 74.9 114.9#





#57

2,4-Dinitrotoluene

Concen: 2.741 ng

RT: 15.075 min Scan# 20

Delta R.T. -0.018 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

Instrument :

BNA_P

ClientSampleId :

72-11939

Tgt Ion:165 Resp: 4062

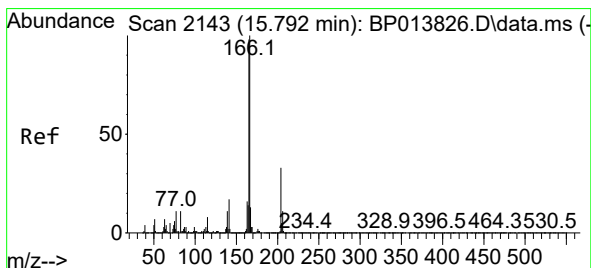
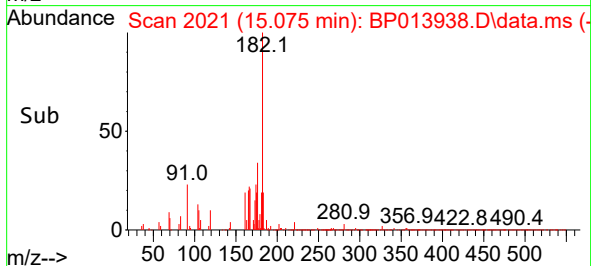
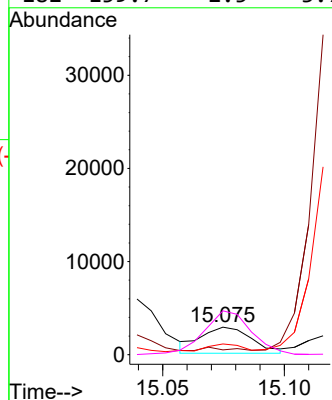
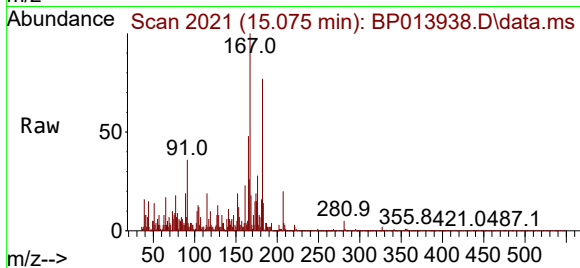
Ion Ratio Lower Upper

165 100

63 17.3 31.1 46.7#

89 39.1 54.9 82.3#

182 159.7 2.5 3.7#



#58

Fluorene

Concen: 71.252 ng

RT: 15.781 min Scan# 2141

Delta R.T. -0.000 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

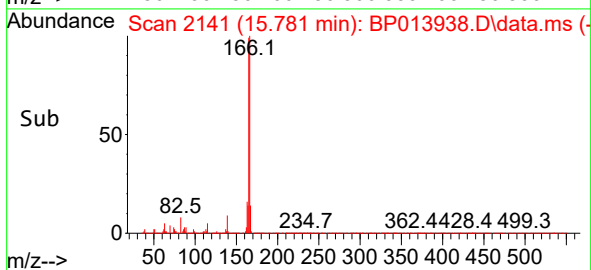
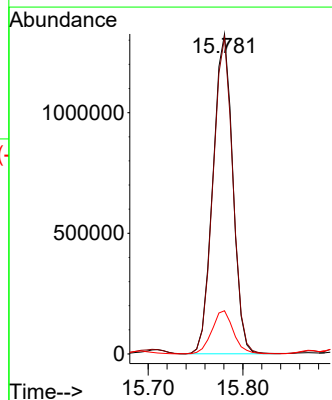
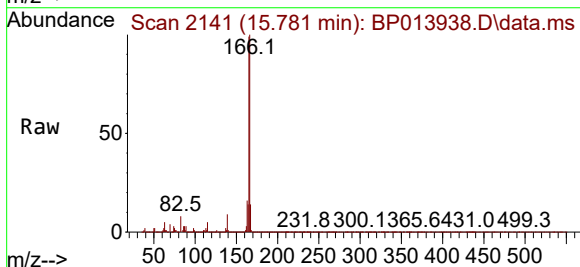
Tgt Ion:166 Resp: 1928959

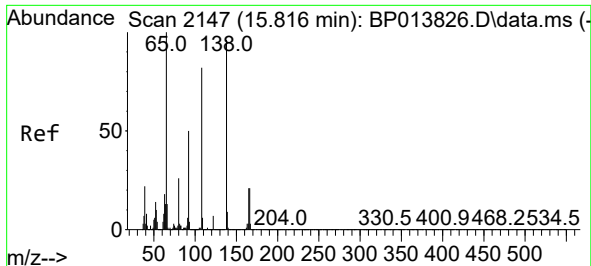
Ion Ratio Lower Upper

166 100

165 99.0 78.1 117.1

167 13.5 10.7 16.1

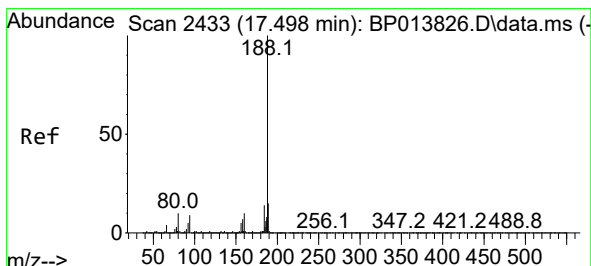
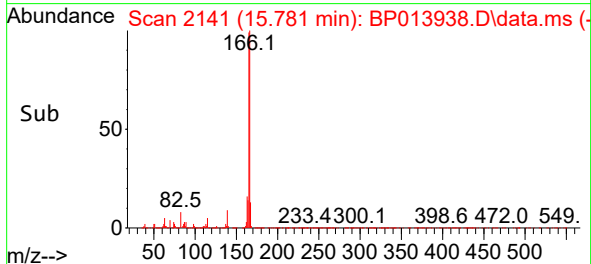
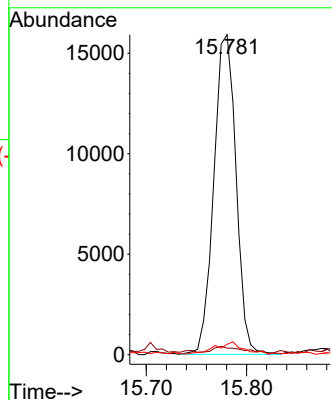
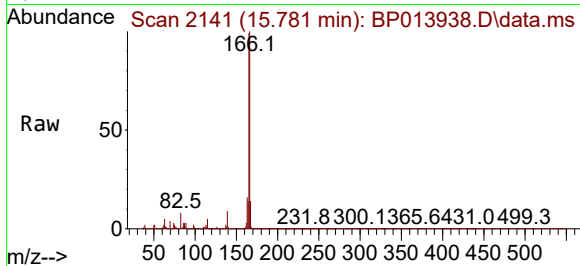




#62
4-Nitroaniline
Concen: 6.015 ng
RT: 15.781 min Scan# 2147
Delta R.T. -0.024 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

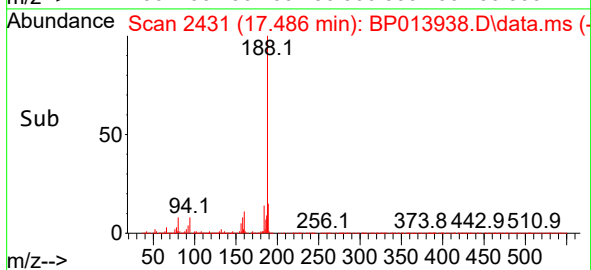
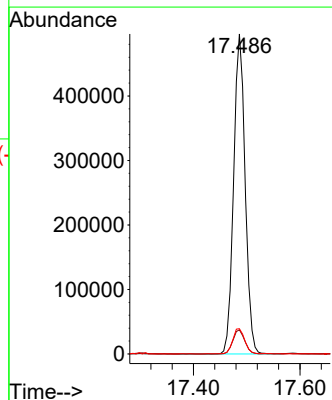
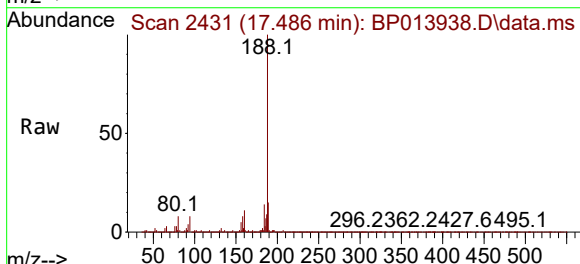
Instrument :
BNA_P
ClientSampleId :
72-11939

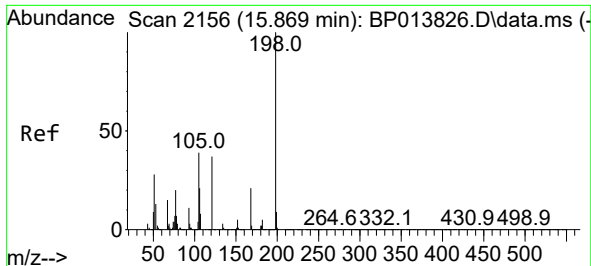
Tgt Ion:138 Resp: 24505
Ion Ratio Lower Upper
138 100
92 2.1 32.0 72.0#
108 3.3 65.6 105.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Tgt Ion:188 Resp: 745178
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 7.9 7.8 11.8

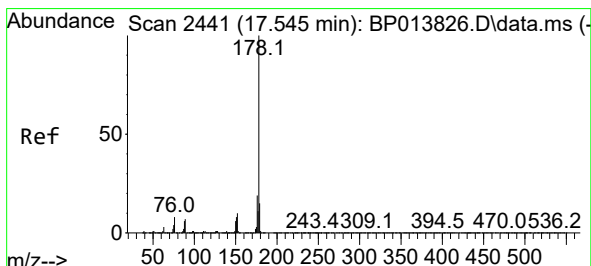
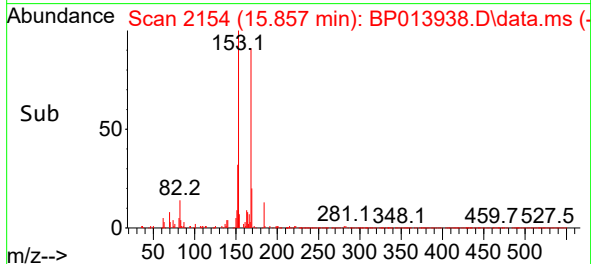
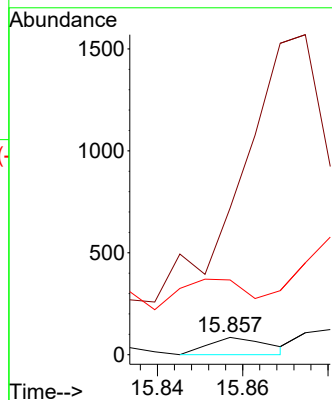
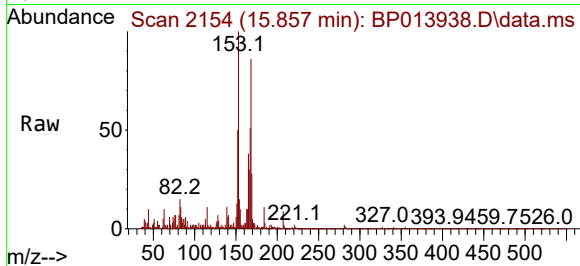




#65
4,6-Dinitro-2-methylphenol
Concen: 4.638 ng
RT: 15.857 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

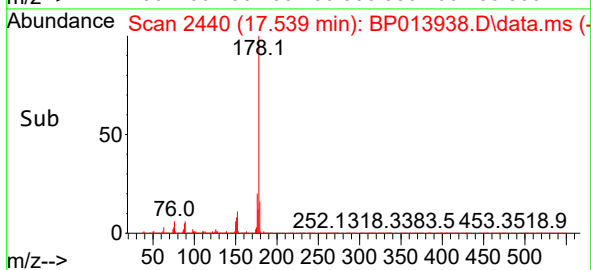
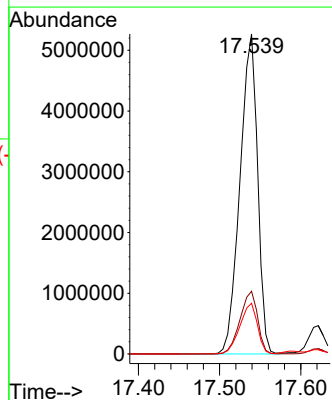
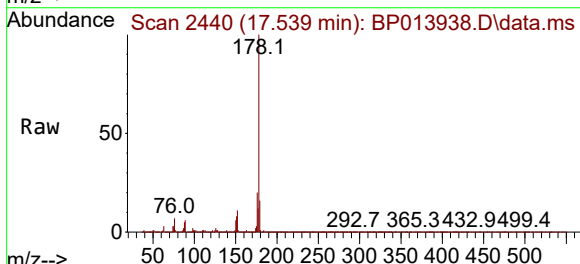
Instrument :
BNA_P
ClientSampleId :
72-11939

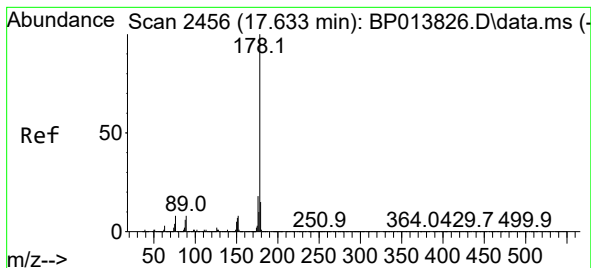
Tgt Ion:198 Resp: 82
Ion Ratio Lower Upper
198 100
51 847.1 14.3 54.3#
105 431.8 20.5 60.5#



#71
Phenanthrene
Concen: 190.072 ng
RT: 17.539 min Scan# 2440
Delta R.T. 0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Tgt Ion:178 Resp: 7934769
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.9 12.2 18.4





#72

Anthracene

Concen: 15.348 ng

RT: 17.622 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

Instrument :

BNA_P

ClientSampleId :

72-11939

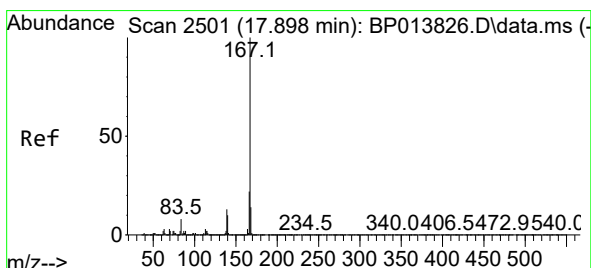
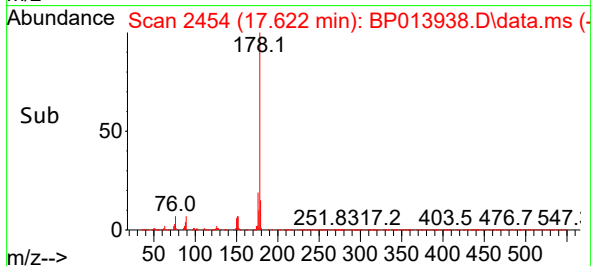
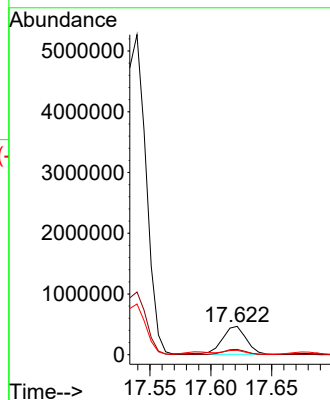
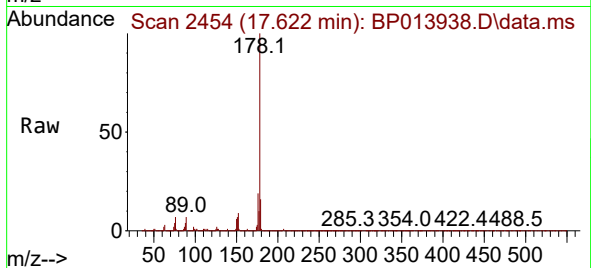
Tgt Ion:178 Resp: 640677

Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

179 15.5 12.4 18.6



#73

Carbazole

Concen: 6.308 ng

RT: 17.880 min Scan# 2498

Delta R.T. -0.006 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

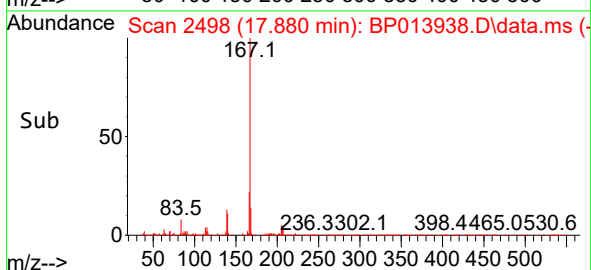
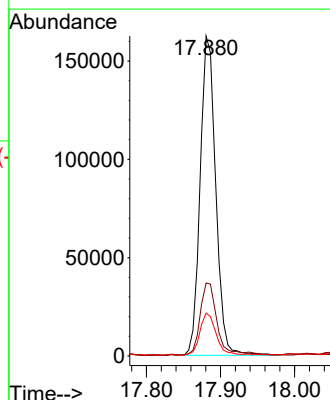
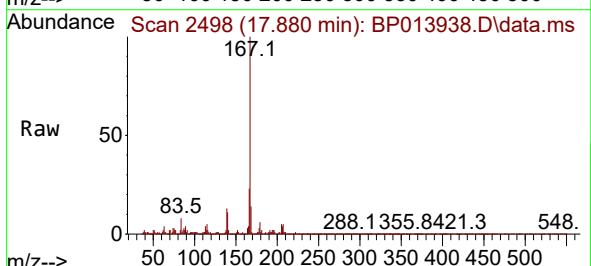
Tgt Ion:167 Resp: 237032

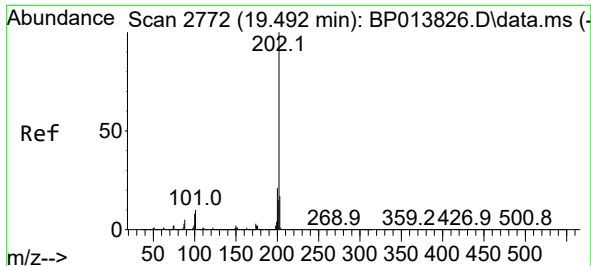
Ion Ratio Lower Upper

167 100

166 22.8 17.7 26.5

139 13.4 10.2 15.2

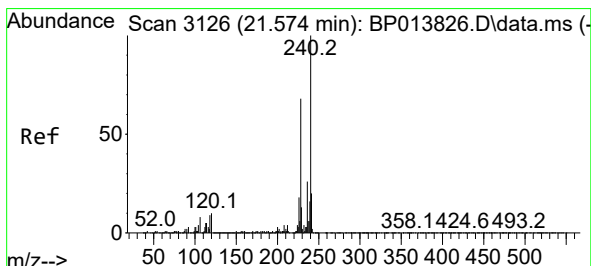
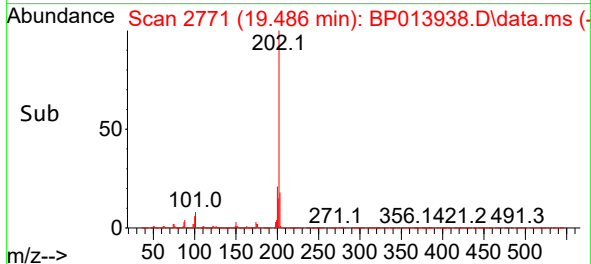
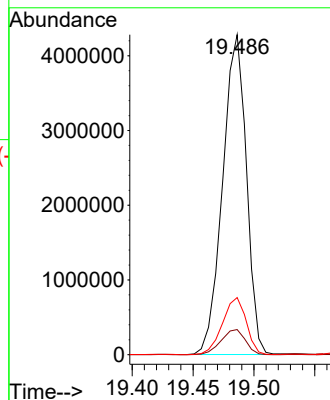
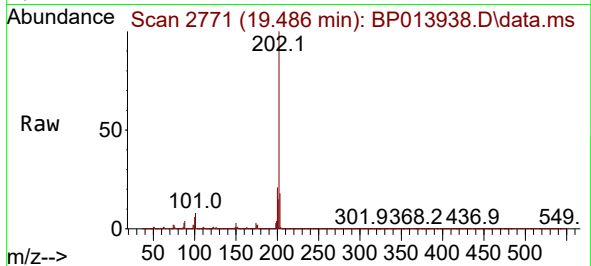




#75
Fluoranthene
Concen: 111.701 ng
RT: 19.486 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

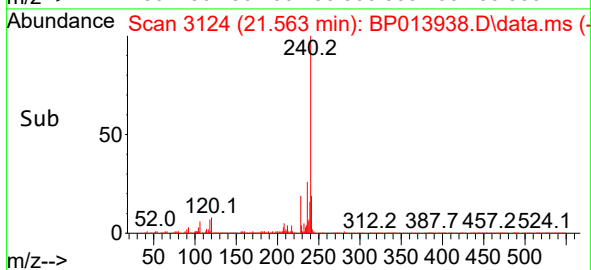
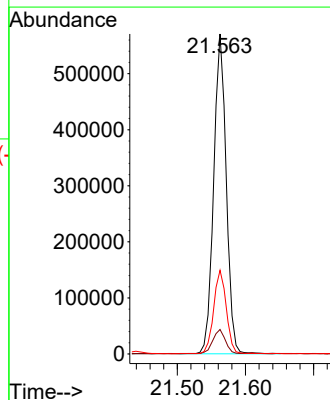
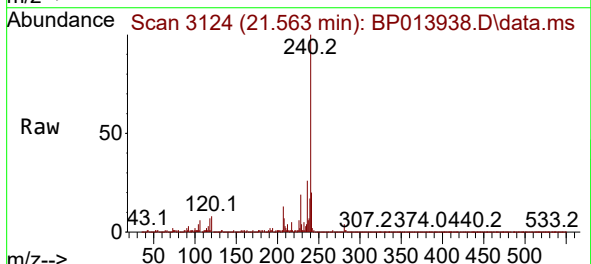
Instrument :
BNA_P
ClientSampleId :
72-11939

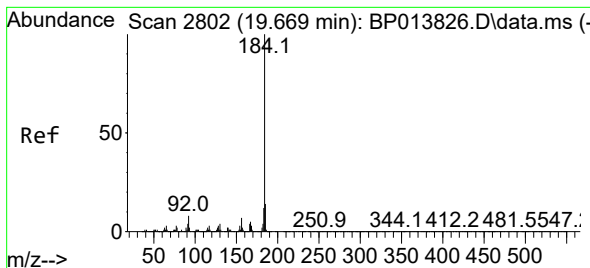
Tgt Ion:202 Resp: 5813098
Ion Ratio Lower Upper
202 100
101 7.8 0.0 30.0
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP013938.D
Acq: 03 Mar 2023 00:12

Tgt Ion:240 Resp: 731308
Ion Ratio Lower Upper
240 100
120 7.6 7.9 11.9#
236 26.1 20.9 31.3





#77

Benzidine

Concen: 2.309 ng

RT: 19.639 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

Instrument :

BNA_P

ClientSampleId :

72-11939

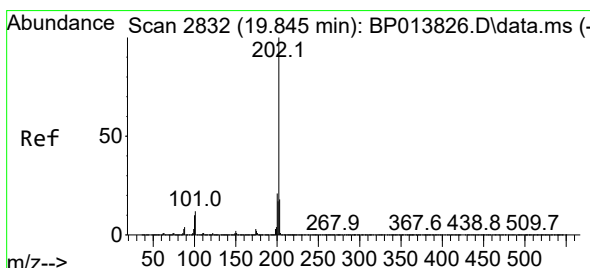
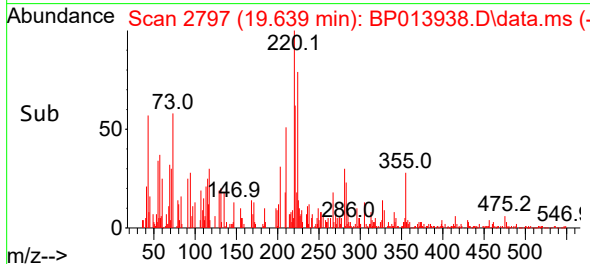
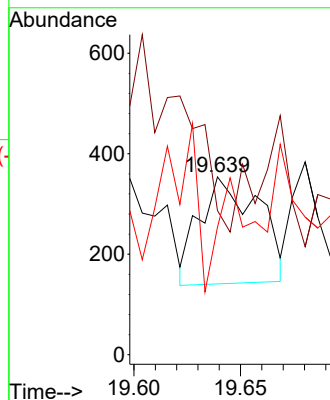
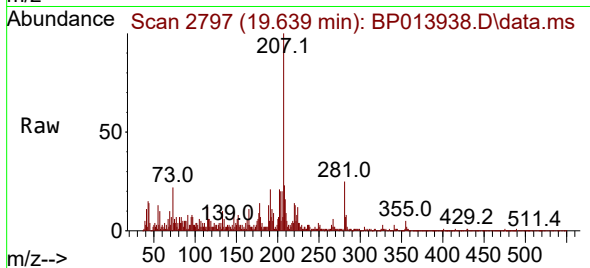
Tgt Ion:184 Resp: 410

Ion Ratio Lower Upper

184 100

185 81.1 11.4 17.0#

183 71.8 9.6 14.4#



#78

Pyrene

Concen: 69.802 ng

RT: 19.833 min Scan# 2830

Delta R.T. -0.000 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

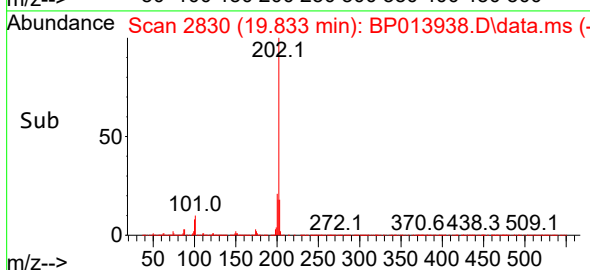
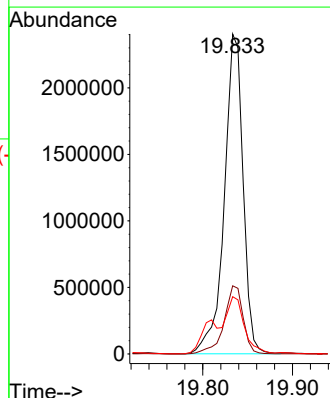
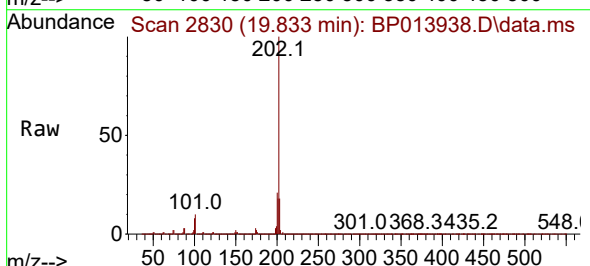
Tgt Ion:202 Resp: 3488372

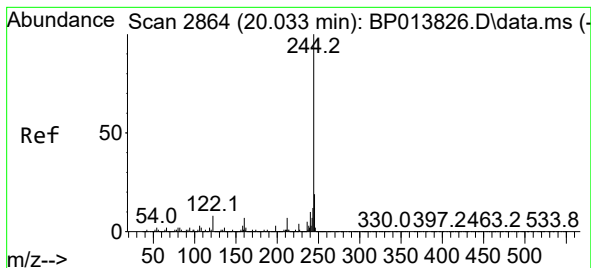
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.9 14.2 21.2





#79

Terphenyl-d14

Concen: 52.762 ng

RT: 20.016 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

Instrument :

BNA_P

ClientSampleId :

72-11939

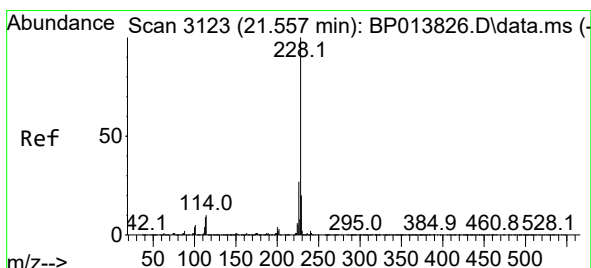
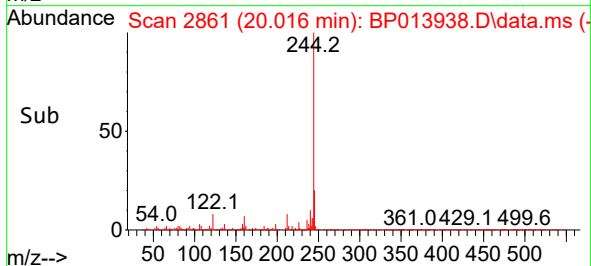
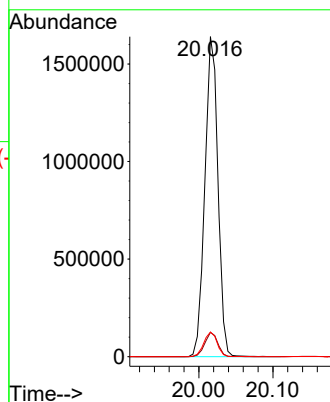
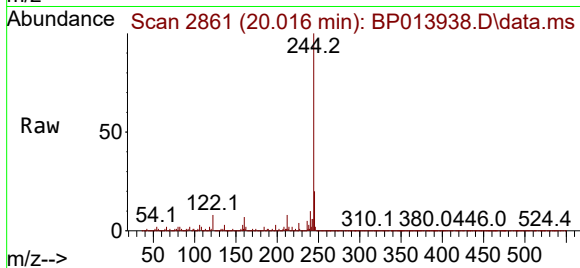
Tgt Ion:244 Resp: 2005471

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 7.7 6.7 10.1



#81

Benzo(a)anthracene

Concen: 16.096 ng

RT: 21.545 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

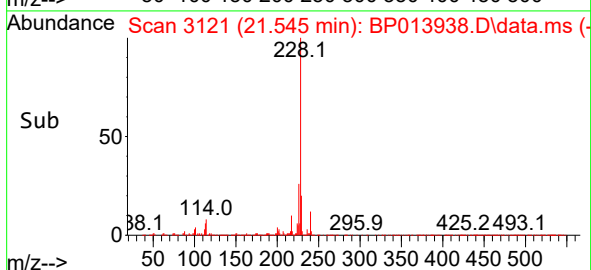
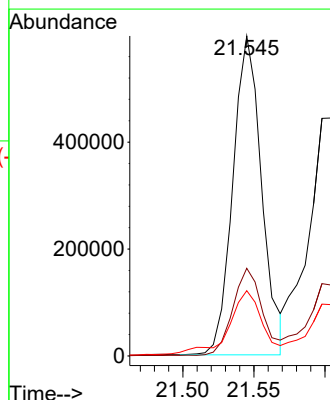
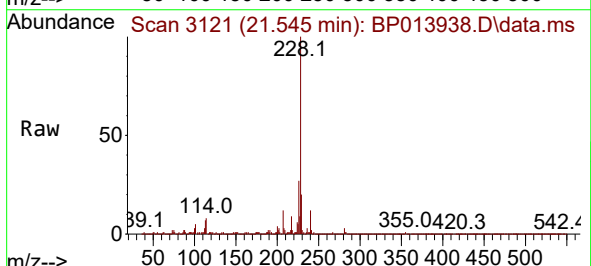
Tgt Ion:228 Resp: 842898

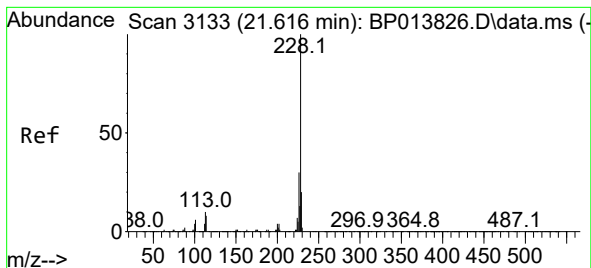
Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 20.4 15.8 23.6





#83

Chrysene

Concen: 13.902 ng

RT: 21.604 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

Instrument :

BNA_P

ClientSampleId :

72-11939

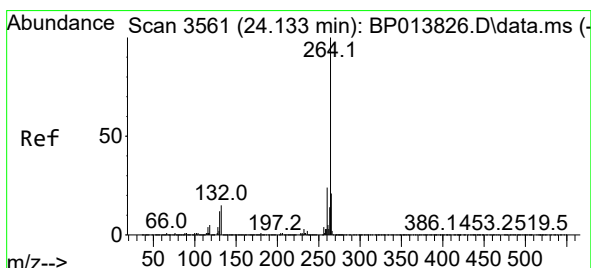
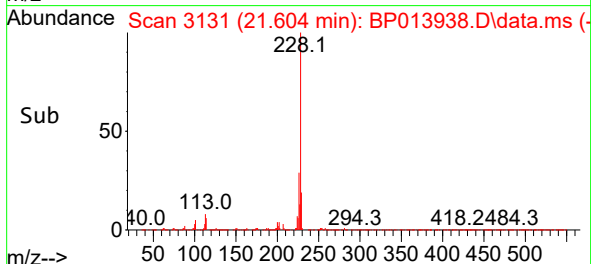
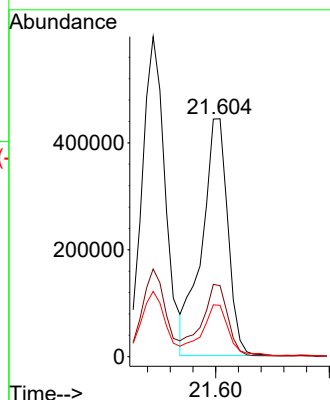
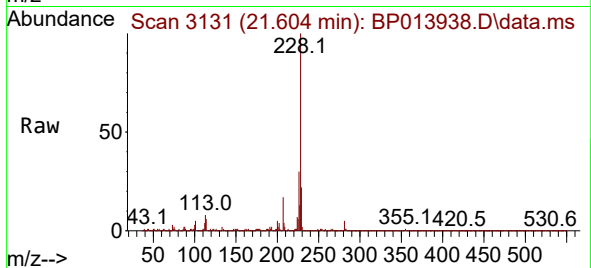
Tgt Ion:228 Resp: 705272

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 21.6 15.8 23.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3557

Delta R.T. -0.000 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

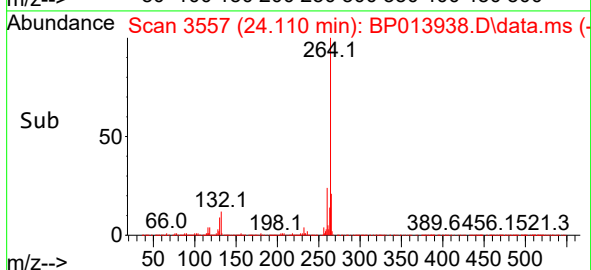
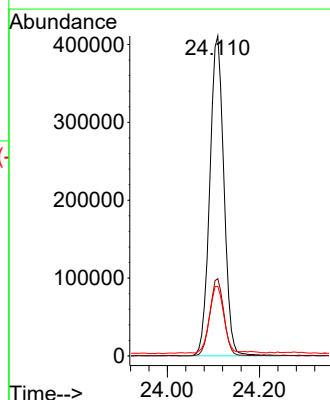
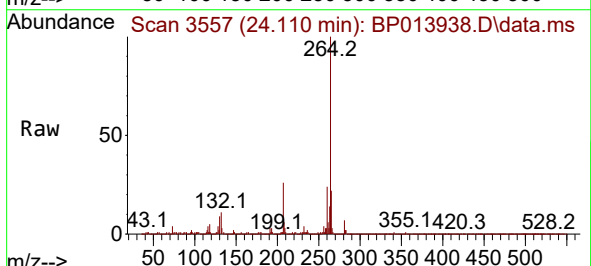
Tgt Ion:264 Resp: 875578

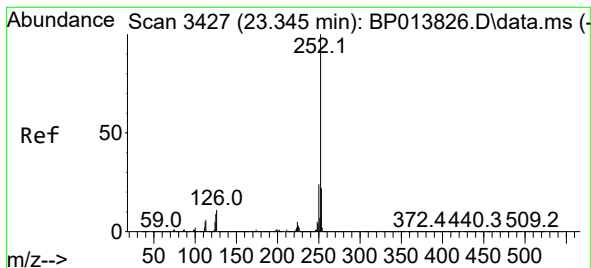
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.7 17.6 26.4





#88

Benzo(b)fluoranthene

Concen: 6.319 ng

RT: 23.327 min Scan# 3424

Delta R.T. -0.000 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

Instrument :

BNA_P

ClientSampleId :

72-11939

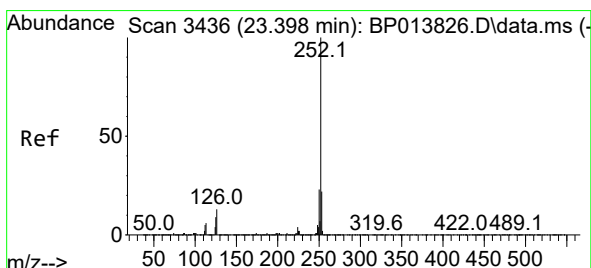
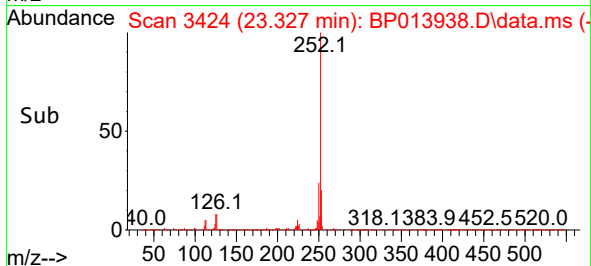
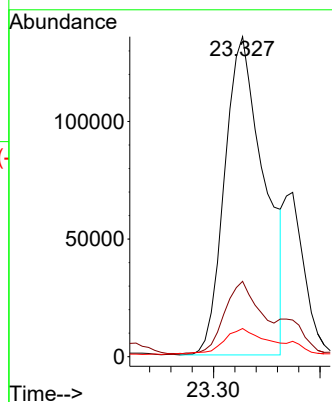
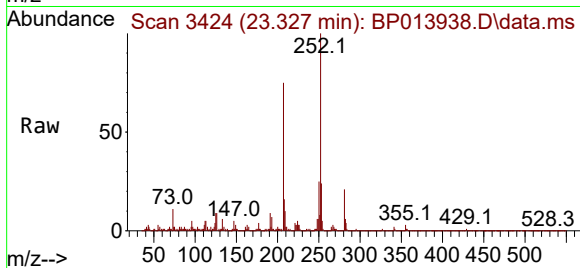
Tgt Ion:252 Resp: 349939

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

125 8.8 7.1 10.7



#89

Benzo(k)fluoranthene

Concen: 6.225 ng

RT: 23.327 min Scan# 3424

Delta R.T. -0.053 min

Lab File: BP013938.D

Acq: 03 Mar 2023 00:12

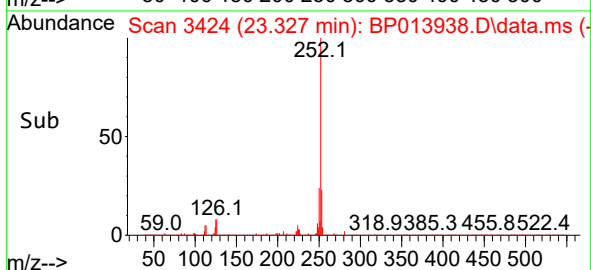
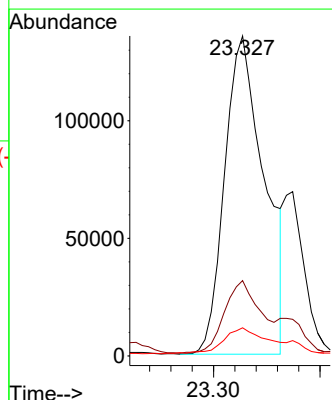
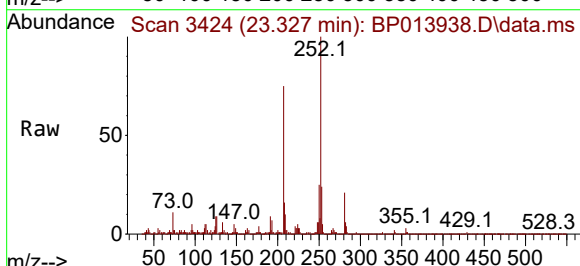
Tgt Ion:252 Resp: 349939

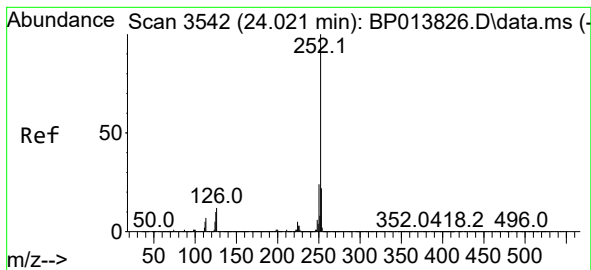
Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

125 8.8 7.0 10.4





#90

Benzo(a)pyrene

Concen: 2.250 ng

RT: 23.880 min Scan# 3

Delta R.T. -0.118 min

Lab File: BP013938.D

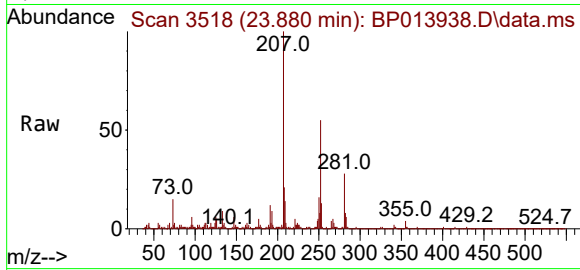
Acq: 03 Mar 2023 00:12

Instrument :

BNA_P

ClientSampleId :

72-11939



Tgt Ion:252 Resp: 120458

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 11.0 7.7 11.5

