

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013637.D
 Acq On : 28 Jan 2023 02:14
 Operator : CG/JU
 Sample : 01283-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-H

Quant Time: Jan 29 23:57:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 03:27:54 2023
 Response via : Initial Calibration

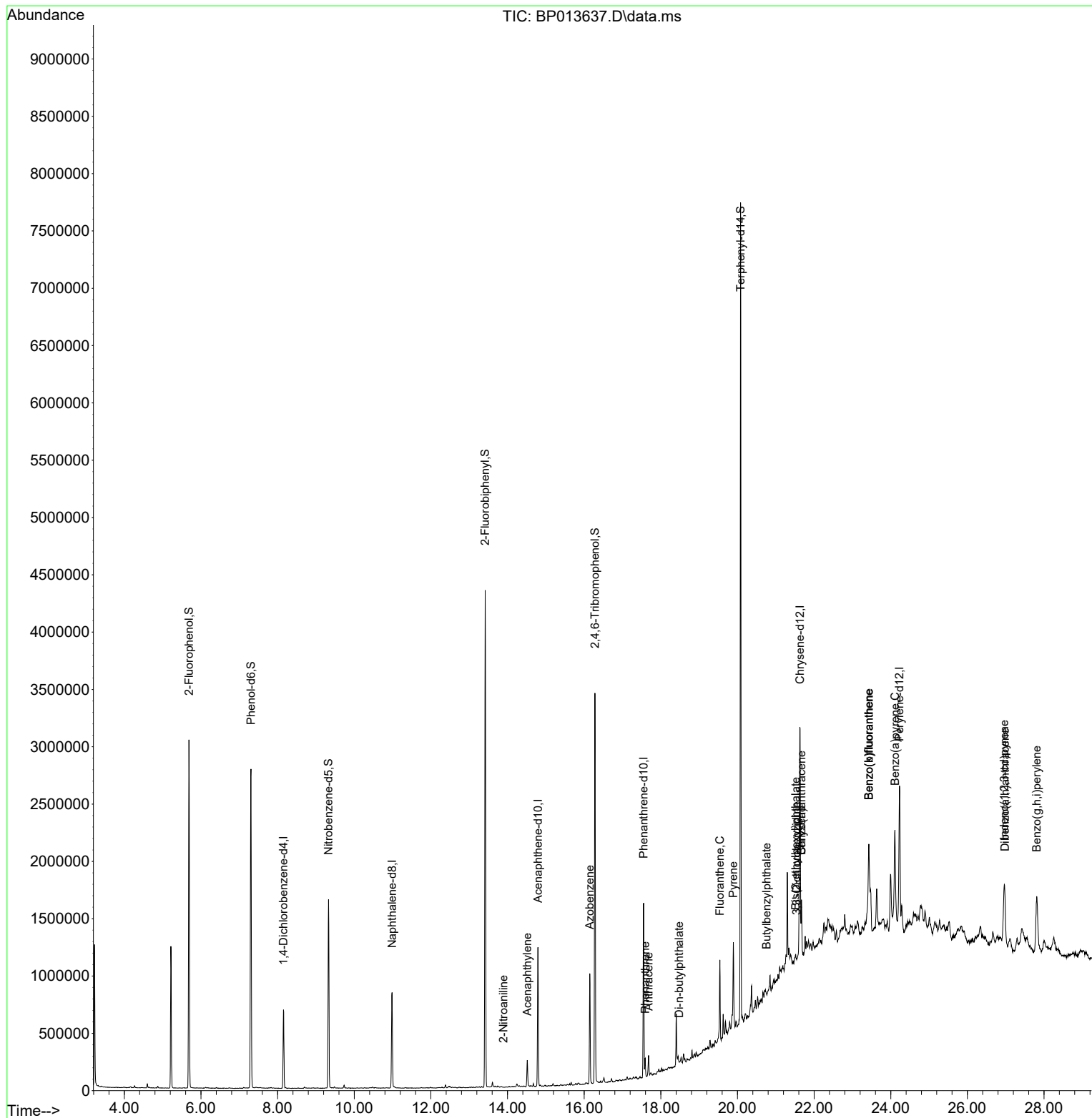
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	195151	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	692066	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	417512	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	949063	20.000	ng	0.00
76) Chrysene-d12	21.633	240	923282	20.000	ng	0.00
86) Perylene-d12	24.227	264	1092635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1285805	118.068	ng	0.00
7) Phenol-d6	7.305	99	1646832	111.941	ng	0.00
23) Nitrobenzene-d5	9.328	82	953518	75.706	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	732807	115.283	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	2269616	77.638	ng	0.00
79) Terphenyl-d14	20.080	244	3579720	68.418	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.892	65	89	3.934	ng	# 43
49) Acenaphthylene	14.516	152	175874	4.491	ng	99
63) Azobenzene	16.145	77	272292	9.023	ng	# 1
71) Phenanthrene	17.592	178	103032	2.117	ng	99
72) Anthracene	17.680	178	111467	2.266	ng	98
74) Di-n-butylphthalate	18.480	149	4335	3.668	ng	# 75
75) Fluoranthene	19.539	202	389698	6.419	ng	98
78) Pyrene	19.892	202	422267	5.910	ng	100
80) Butylbenzylphthalate	20.757	149	664	5.421	ng	# 57
81) Benzo(a)anthracene	21.668	228	311012	4.784	ng	92
82) 3,3'-Dichlorobenzidine	21.545	252	1042	6.409	ng	# 60
83) Chrysene	21.668	228	311012	5.091	ng	96
84) Bis(2-ethylhexyl)phtha...	21.521	149	6469	3.790	ng	# 82
87) Indeno(1,2,3-cd)pyrene	26.962	276	604169	7.865	ng	# 95
88) Benzo(b)fluoranthene	23.427	252	711776	10.147	ng	# 95
89) Benzo(k)fluoranthene	23.427	252	711776	10.221	ng	# 94
90) Benzo(a)pyrene	24.110	252	561151	8.499	ng	95
91) Dibenzo(a,h)anthracene	26.980	278	148924	2.330	ng	# 85
92) Benzo(g,h,i)perylene	27.809	276	798240	12.684	ng	97

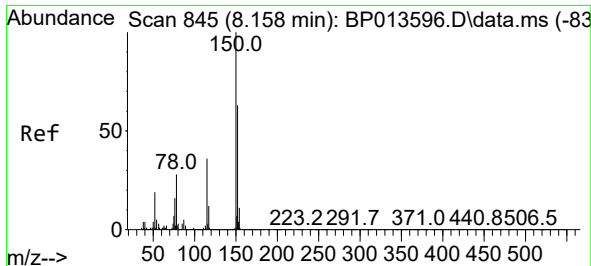
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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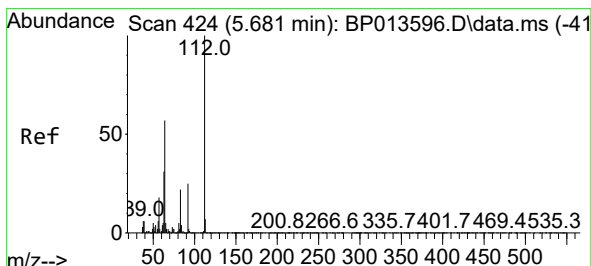
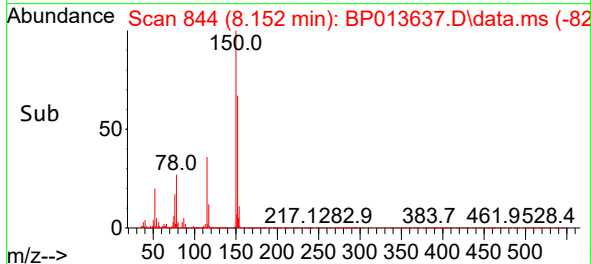
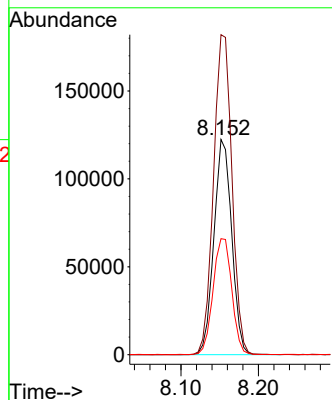
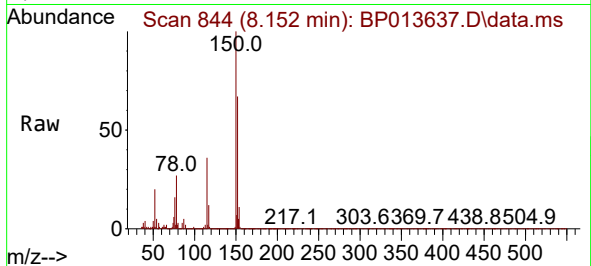




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

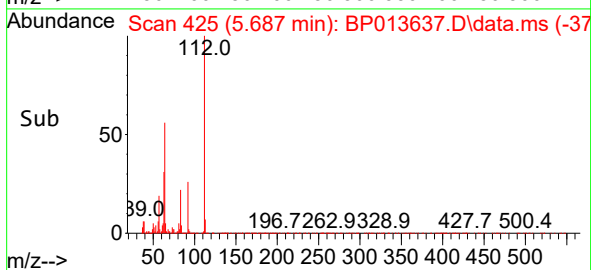
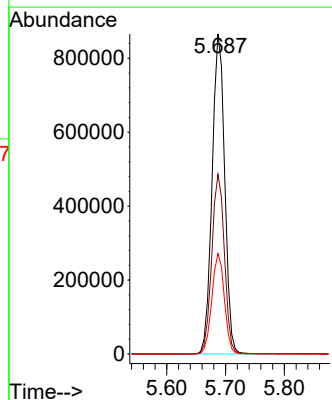
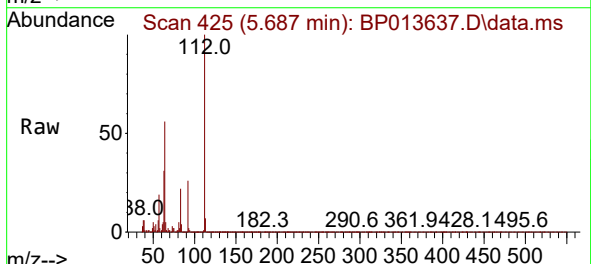
Instrument :
BNA_P
ClientSampleId :
TP-H

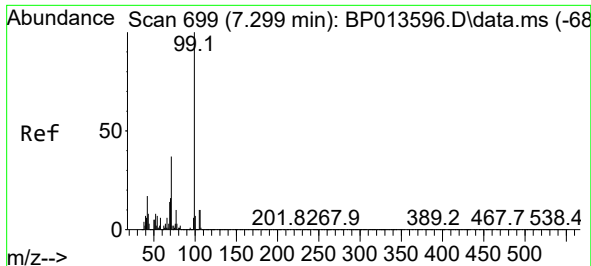
Tgt Ion:152 Resp: 195151
Ion Ratio Lower Upper
152 100
150 148.7 126.2 189.2
115 53.9 45.1 67.7



#5
2-Fluorophenol
Concen: 118.068 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.006 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Tgt Ion:112 Resp: 1285805
Ion Ratio Lower Upper
112 100
64 56.2 45.5 68.3
63 31.4 25.1 37.7



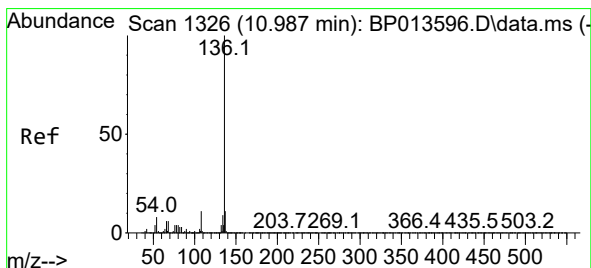
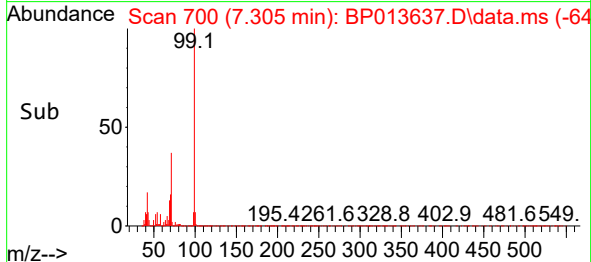
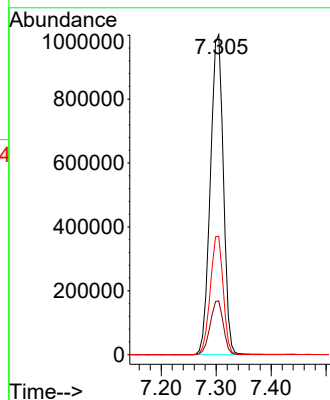
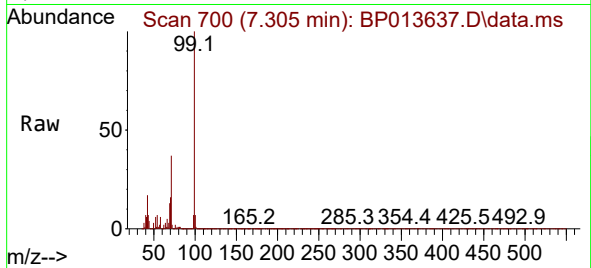


#7
Phenol-d6
Concen: 111.941 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Instrument :
BNA_P
ClientSampleId :
TP-H

Tgt Ion: 99 Resp: 1646832

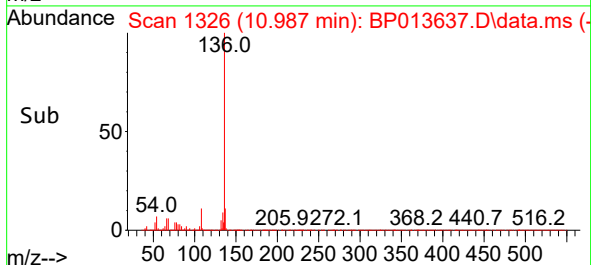
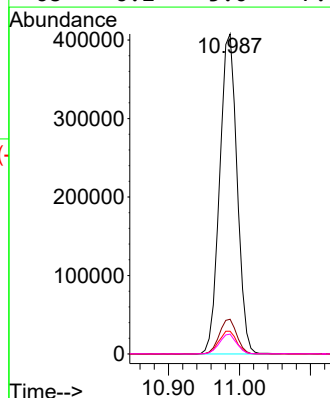
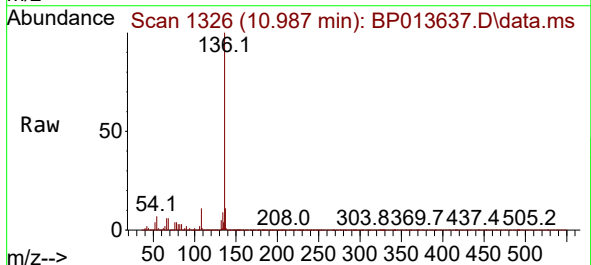
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.2
71	37.0	29.9	44.9

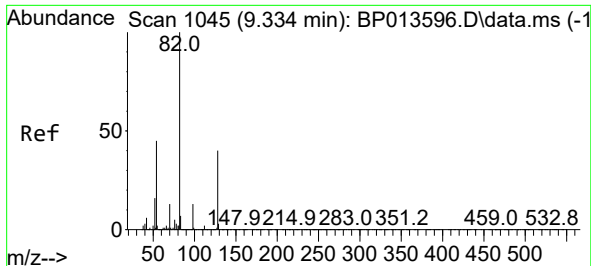


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Tgt Ion: 136 Resp: 692066

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.1	6.1	9.1
68	6.2	5.0	7.4

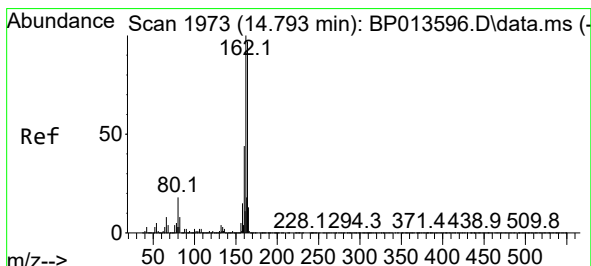
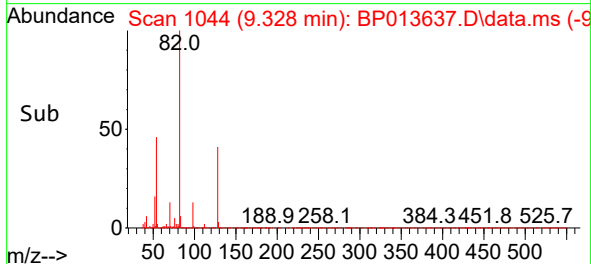
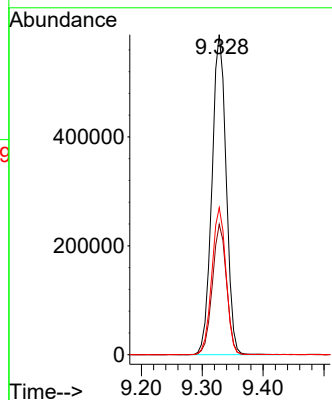
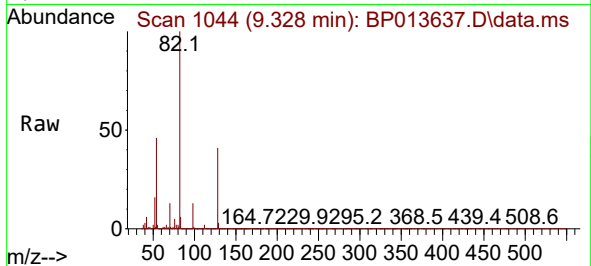




#23
Nitrobenzene-d5
Concen: 75.706 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

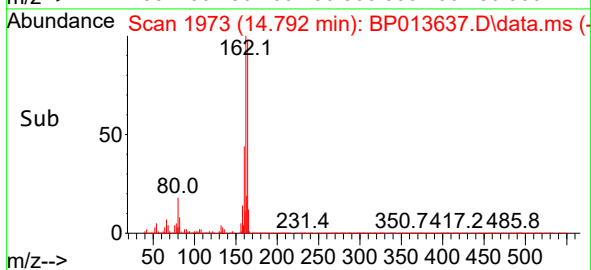
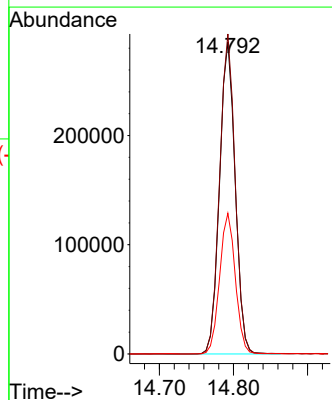
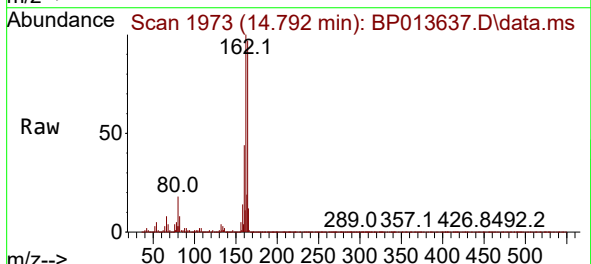
Instrument :
BNA_P
ClientSampleId :
TP-H

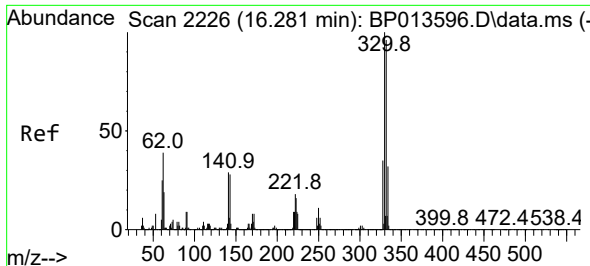
Tgt Ion: 82 Resp: 953518
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.8
54 46.0 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Tgt Ion: 164 Resp: 417512
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 45.1 36.6 54.8

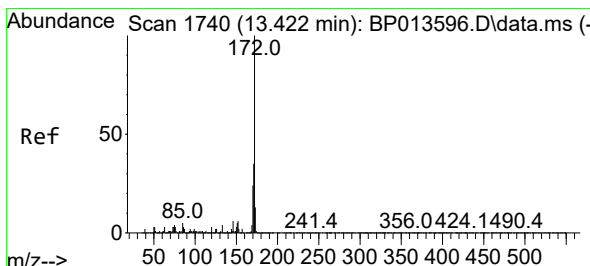
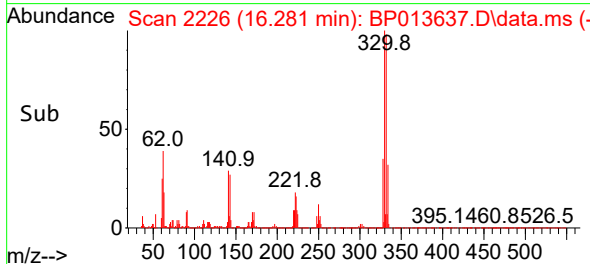
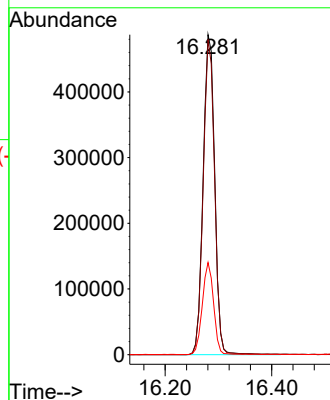
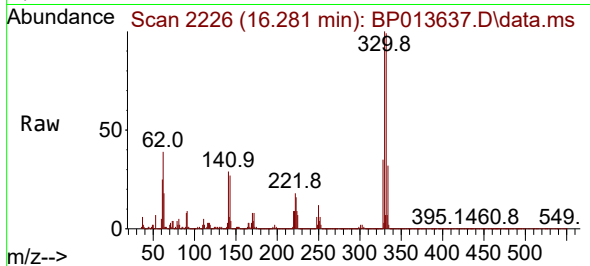




#42
2,4,6-Tribromophenol
Concen: 115.283 ng
RT: 16.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

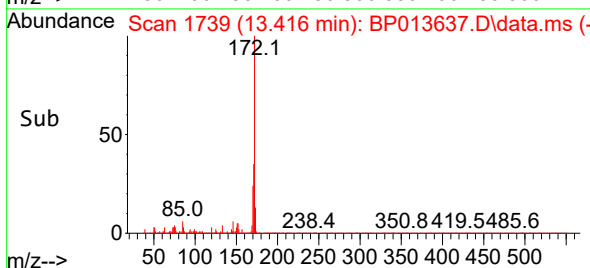
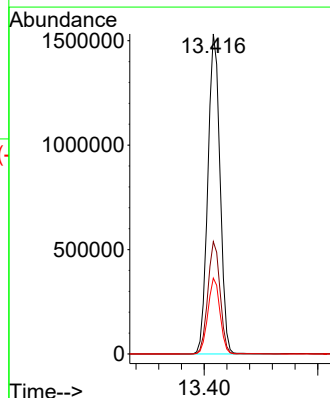
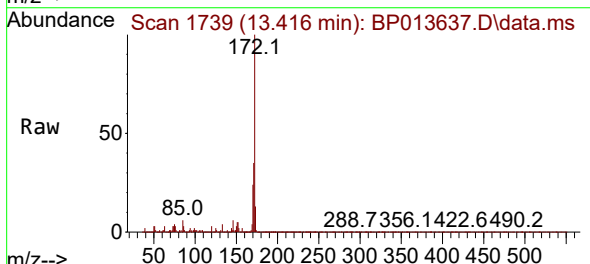
Instrument :
BNA_P
ClientSampleId :
TP-H

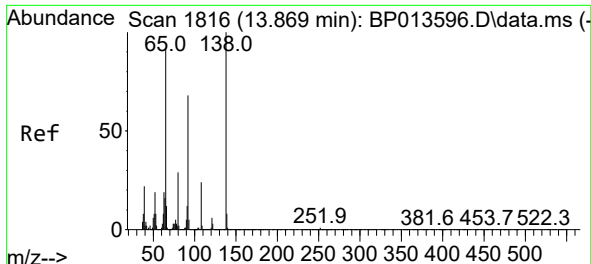
Tgt Ion:330 Resp: 732807
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 28.0 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 77.638 ng
RT: 13.416 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Tgt Ion:172 Resp: 2269616
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.7 19.1 28.7

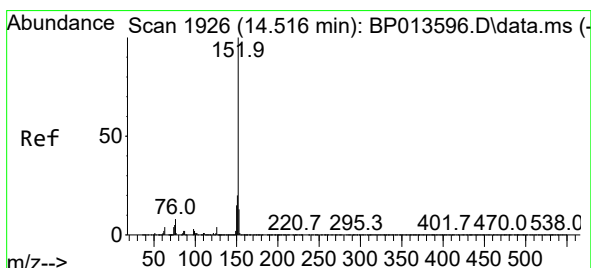
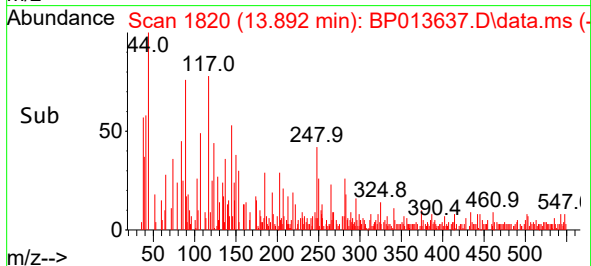
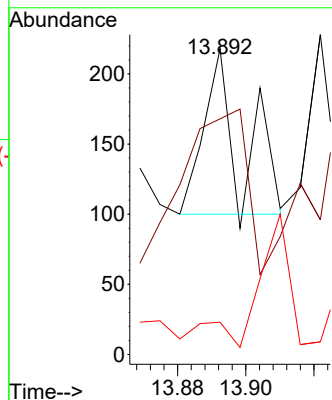
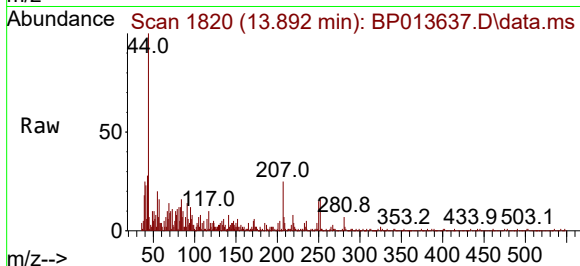




#48
2-Nitroaniline
Concen: 3.934 ng
RT: 13.892 min Scan# 1816
Delta R.T. 0.023 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

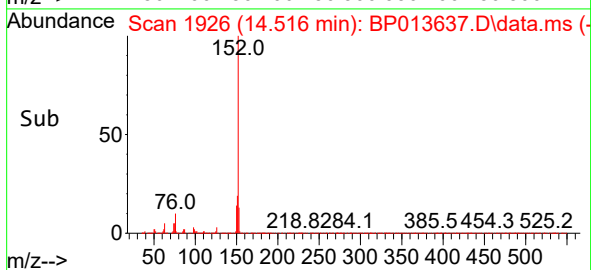
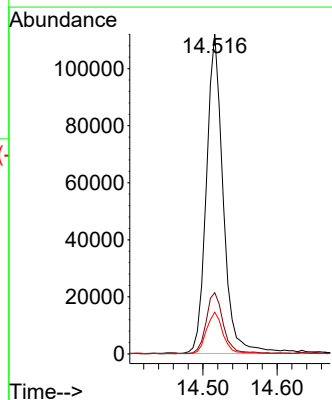
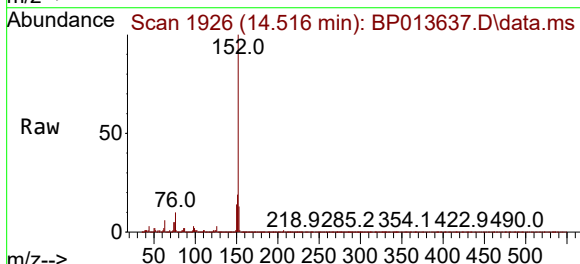
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BNA_P
ClientSampleId :
TP-H

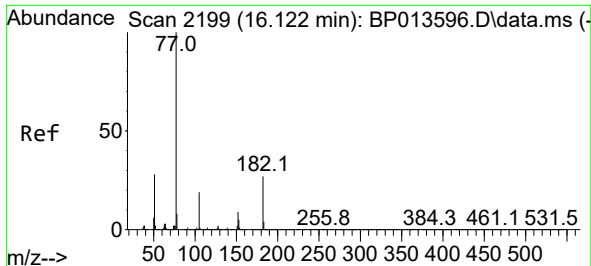
Tgt Ion: 65 Resp: 89
Ion Ratio Lower Upper
65 100
92 77.1 59.5 89.3
138 10.6 87.1 130.7#



#49
Acenaphthylene
Concen: 4.491 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Tgt Ion: 152 Resp: 175874
Ion Ratio Lower Upper
152 100
151 19.1 16.0 24.0
153 13.1 10.6 16.0

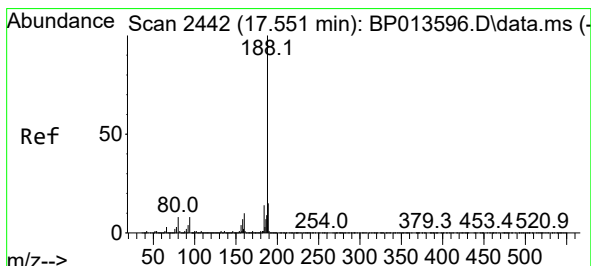
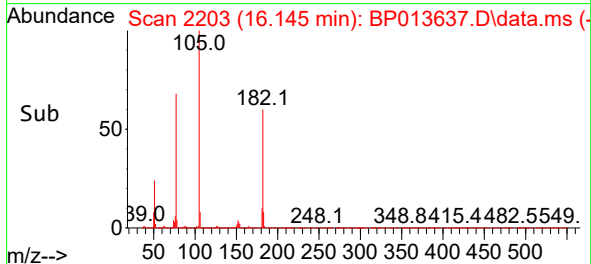
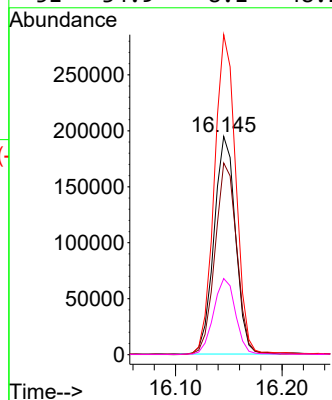
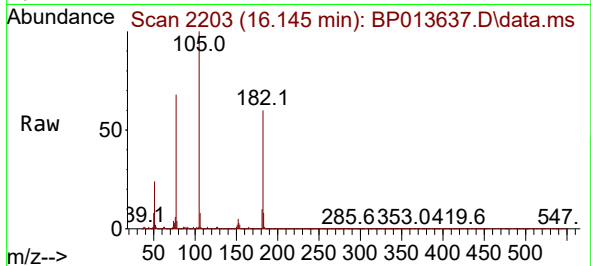




#63
Azobenzene
Concen: 9.023 ng
RT: 16.145 min Scan# 2199
Delta R.T. 0.023 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

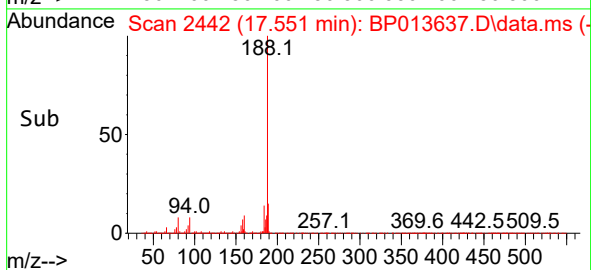
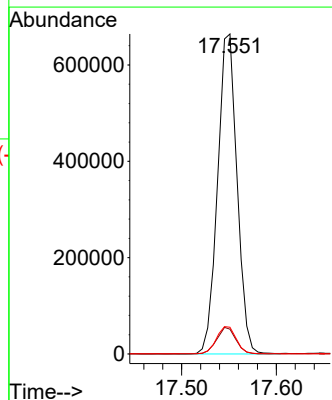
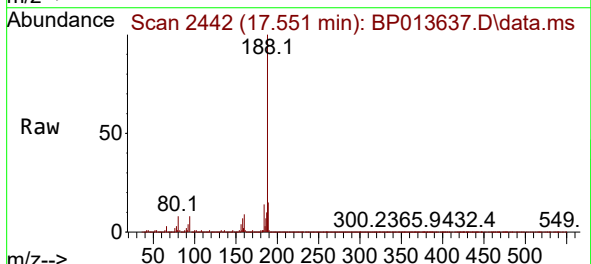
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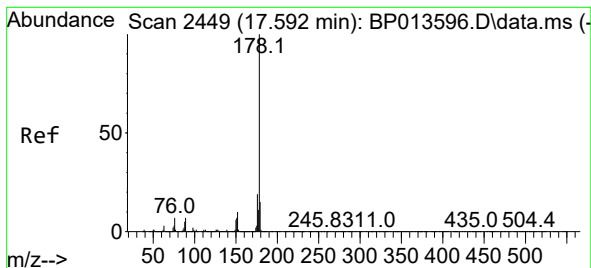
Tgt Ion: 77 Resp: 272292
Ion Ratio Lower Upper
77 100
182 87.8 7.0 47.0#
105 146.7 0.0 39.2#
51 34.9 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Tgt Ion:188 Resp: 949063
Ion Ratio Lower Upper
188 100
94 7.7 6.1 9.1
80 8.4 6.6 10.0





#71

Phenanthrene

Concen: 2.117 ng

RT: 17.592 min Scan# 2449

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

TP-H

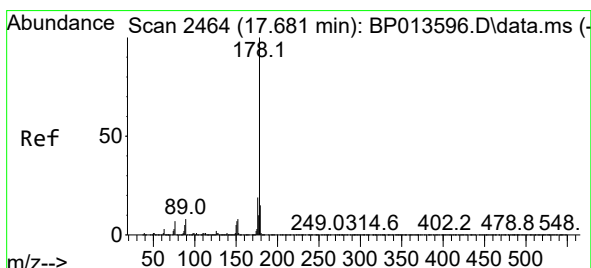
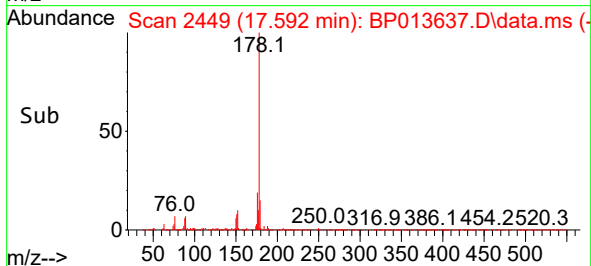
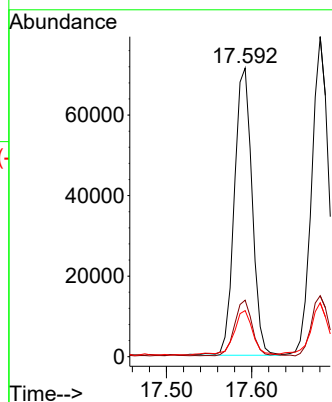
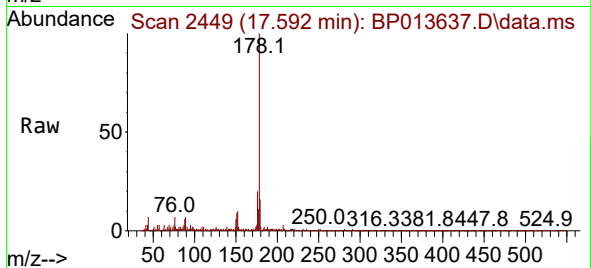
Tgt Ion:178 Resp: 103032

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.9 12.2 18.4



#72

Anthracene

Concen: 2.266 ng

RT: 17.680 min Scan# 2464

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

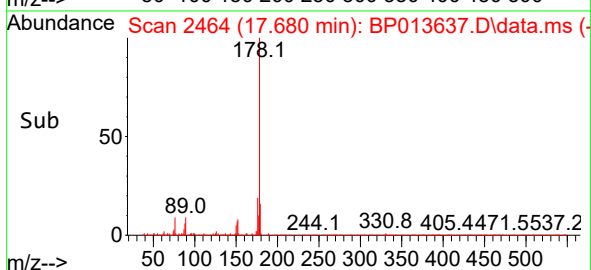
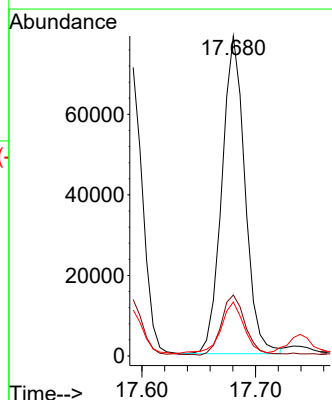
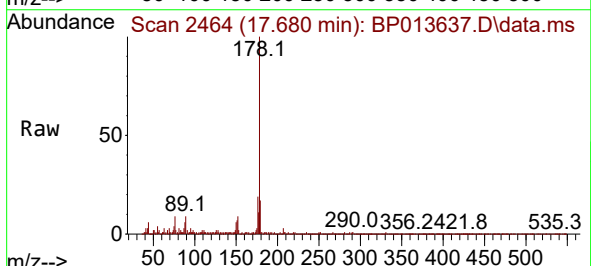
Tgt Ion:178 Resp: 111467

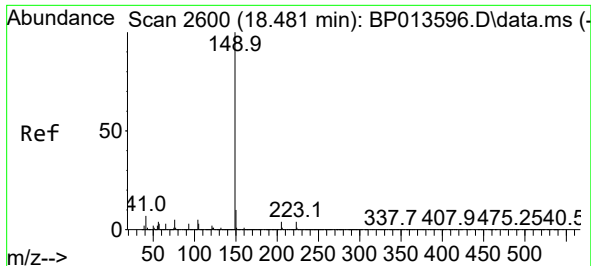
Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

179 16.8 12.3 18.5

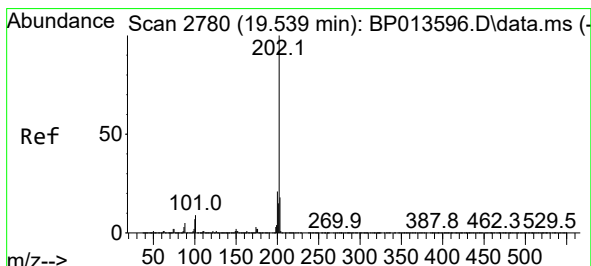
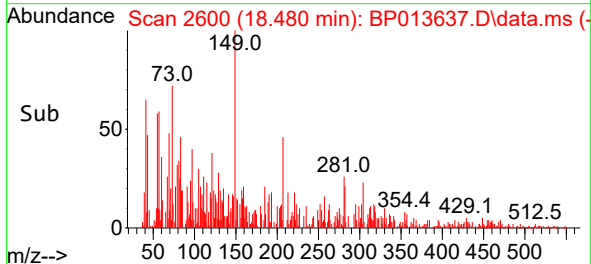
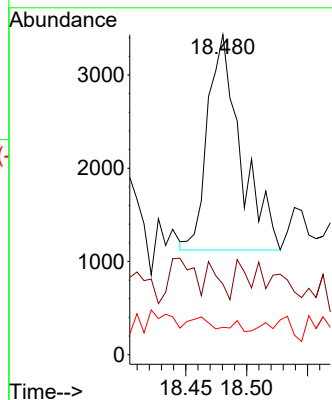
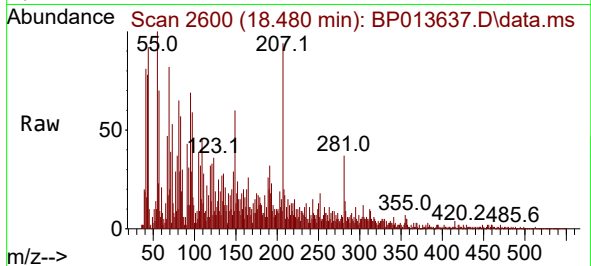




#74
Di-n-butylphthalate
Concen: 3.668 ng
RT: 18.480 min Scan# 2600
Delta R.T. -0.001 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

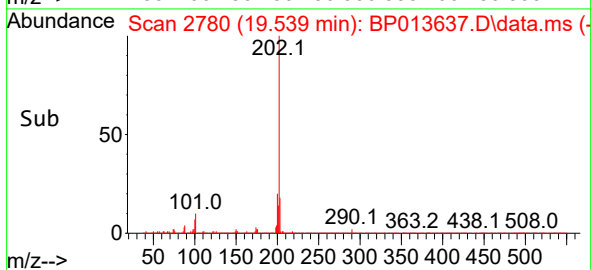
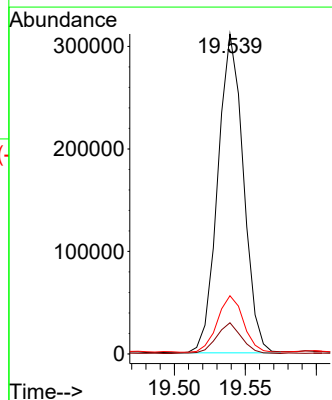
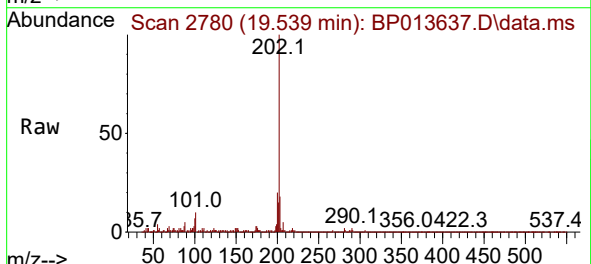
Instrument :
BNA_P
ClientSampleId :
TP-H

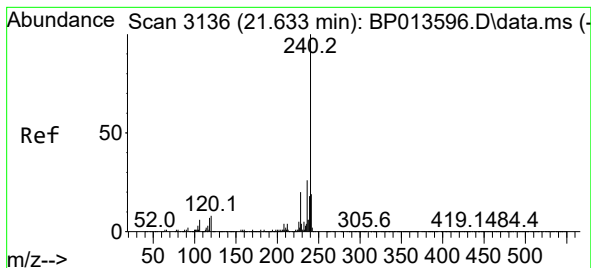
Tgt Ion:149 Resp: 4335
Ion Ratio Lower Upper
149 100
150 22.0 7.6 11.4#
104 8.5 4.4 6.6#



#75
Fluoranthene
Concen: 6.419 ng
RT: 19.539 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Tgt Ion:202 Resp: 389698
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.9
203 18.2 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

TP-H

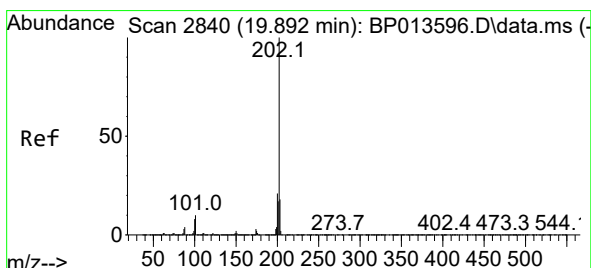
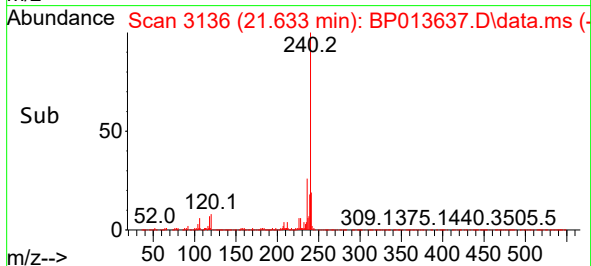
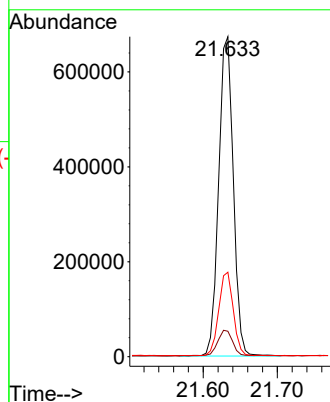
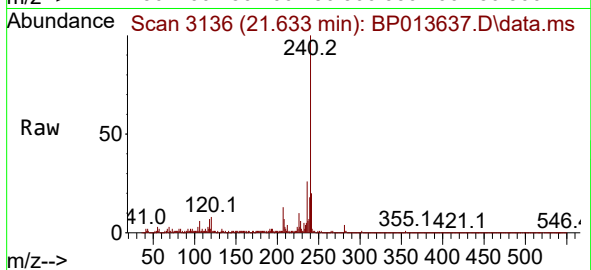
Tgt Ion:240 Resp: 923282

Ion Ratio Lower Upper

240 100

120 8.0 6.7 10.1

236 26.4 20.7 31.1



#78

Pyrene

Concen: 5.910 ng

RT: 19.892 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

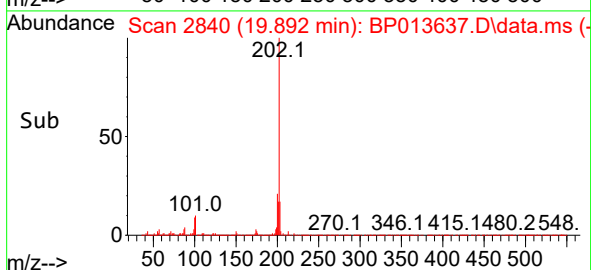
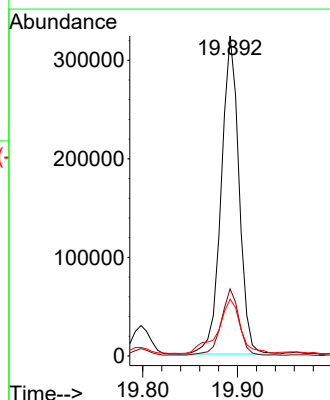
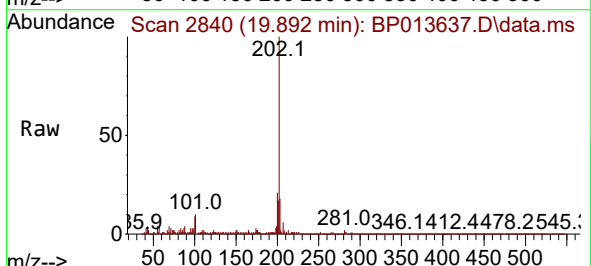
Tgt Ion:202 Resp: 422267

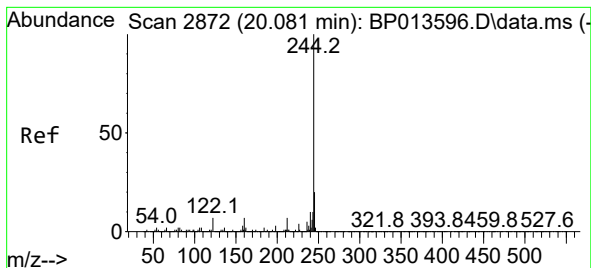
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 68.418 ng

RT: 20.080 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

TP-H

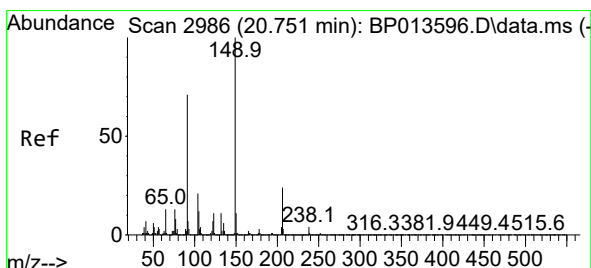
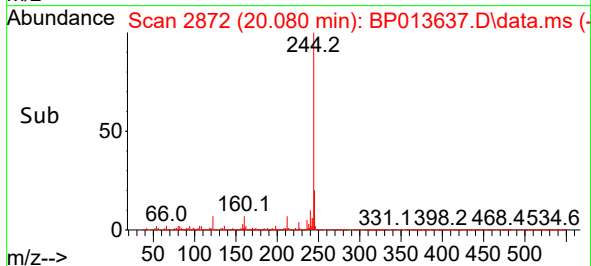
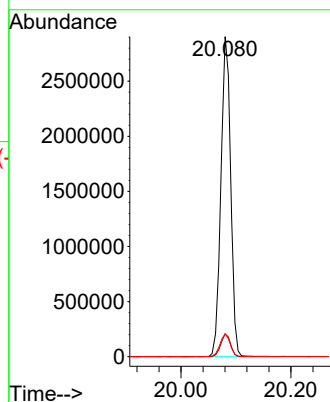
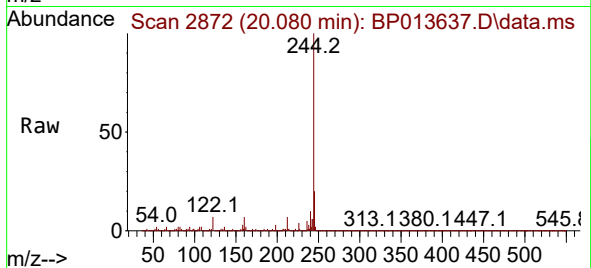
Tgt Ion:244 Resp: 3579720

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 7.2 5.3 7.9



#80

Butylbenzylphthalate

Concen: 5.421 ng

RT: 20.757 min Scan# 2987

Delta R.T. 0.006 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

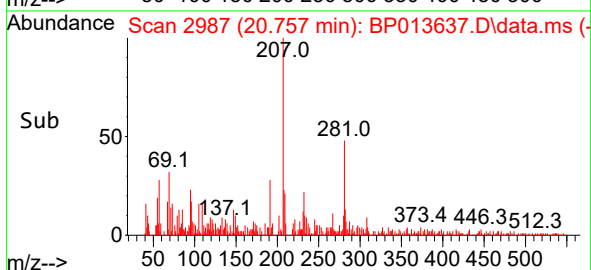
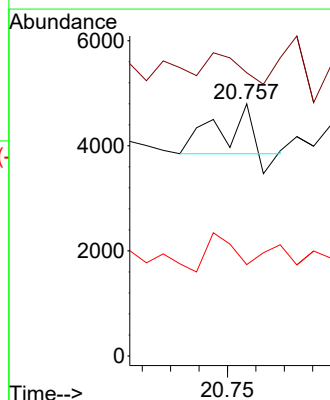
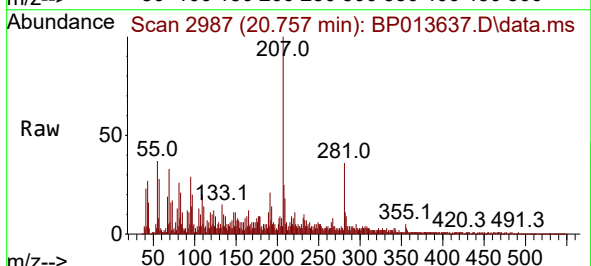
Tgt Ion:149 Resp: 664

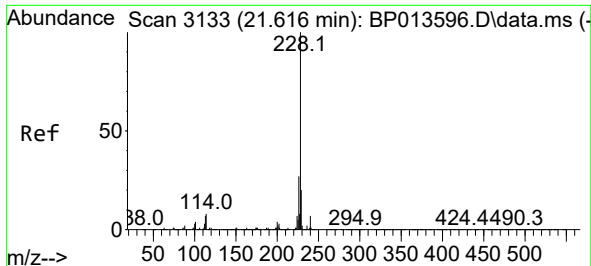
Ion Ratio Lower Upper

149 100

91 112.3 57.0 85.6#

206 36.2 19.0 28.6#

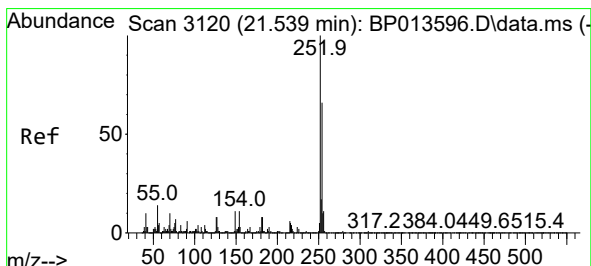
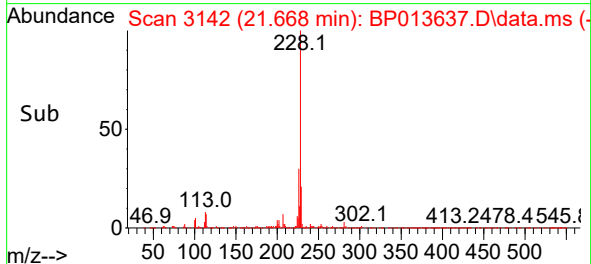
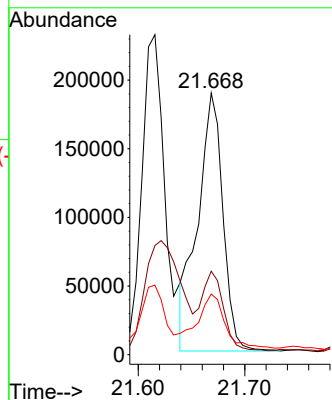
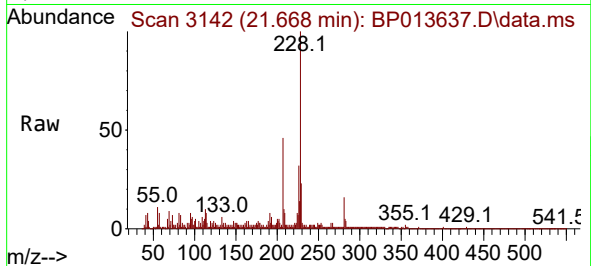




#81
Benzo(a)anthracene
Concen: 4.784 ng
RT: 21.668 min Scan# 3110
Delta R.T. 0.052 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

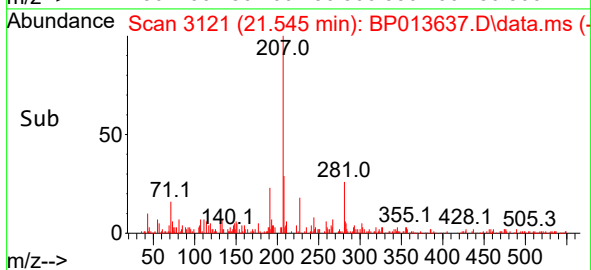
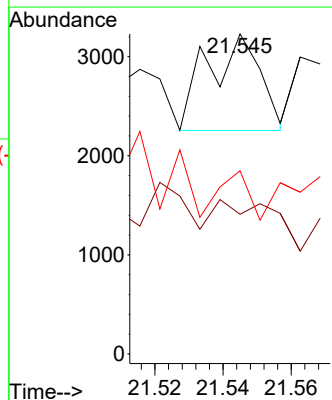
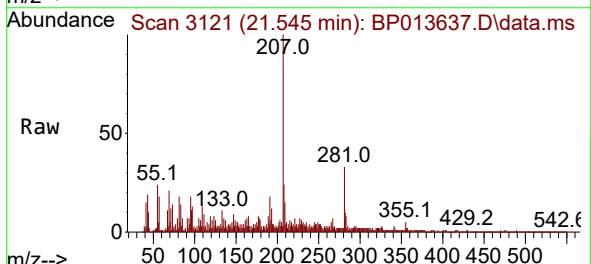
Instrument :
BNA_P
ClientSampleId :
TP-H

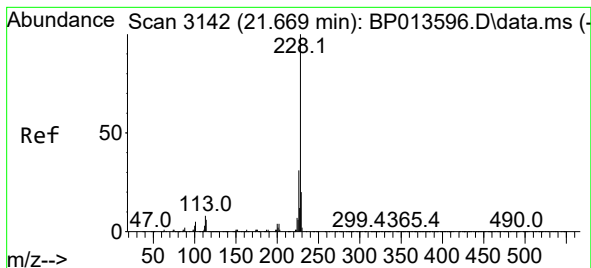
Tgt Ion:228 Resp: 311012
Ion Ratio Lower Upper
228 100
226 31.9 22.0 33.0
229 23.2 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 6.409 ng
RT: 21.545 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Tgt Ion:252 Resp: 1042
Ion Ratio Lower Upper
252 100
254 43.6 52.3 78.5#
126 57.3 6.2 9.4#





#83

Chrysene

Concen: 5.091 ng

RT: 21.668 min Scan# 3110

Delta R.T. -0.001 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

TP-H

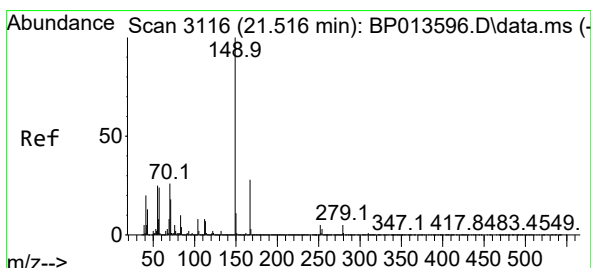
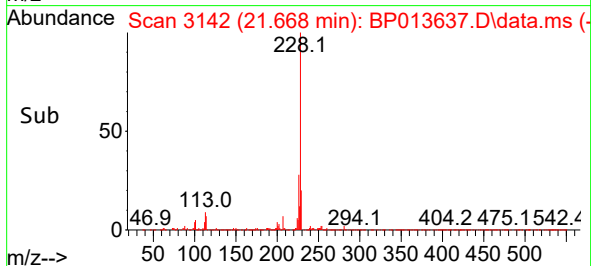
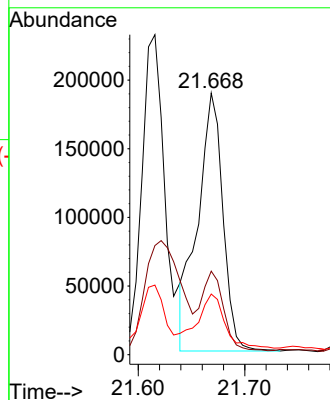
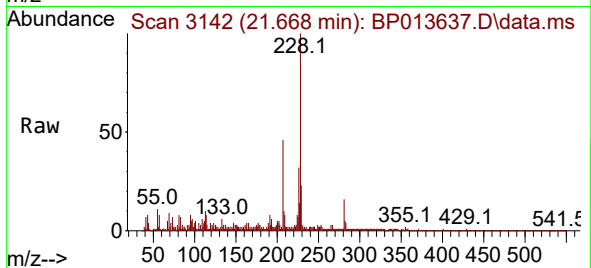
Tgt Ion:228 Resp: 311012

Ion Ratio Lower Upper

228 100

226 31.9 24.8 37.2

229 23.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.790 ng

RT: 21.521 min Scan# 3117

Delta R.T. 0.005 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

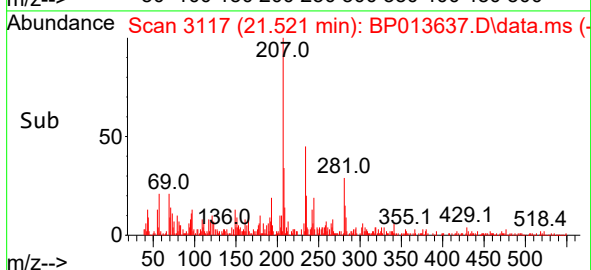
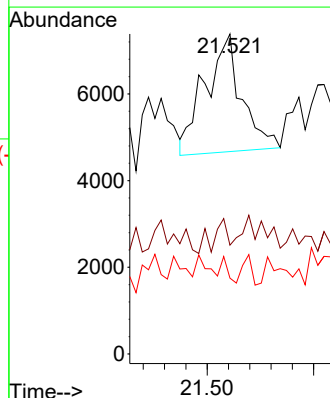
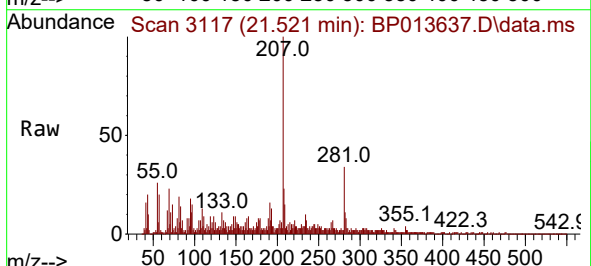
Tgt Ion:149 Resp: 6469

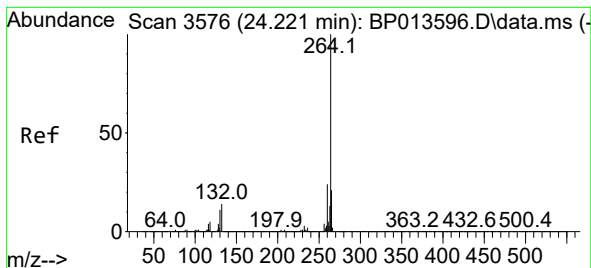
Ion Ratio Lower Upper

149 100

167 34.0 22.2 33.4#

279 23.7 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.227 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

TP-H

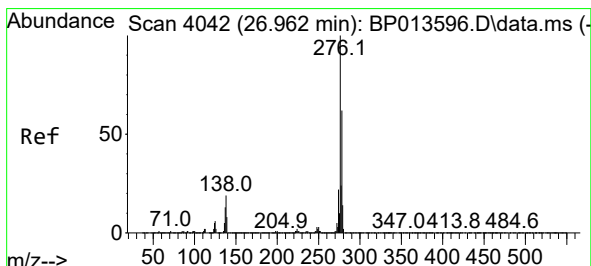
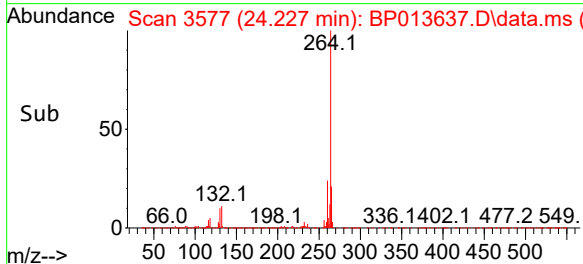
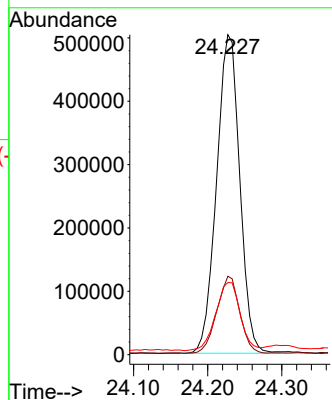
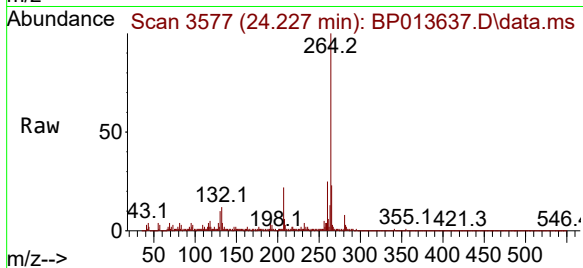
Tgt Ion:264 Resp: 1092635

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.6 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 7.865 ng

RT: 26.962 min Scan# 4042

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

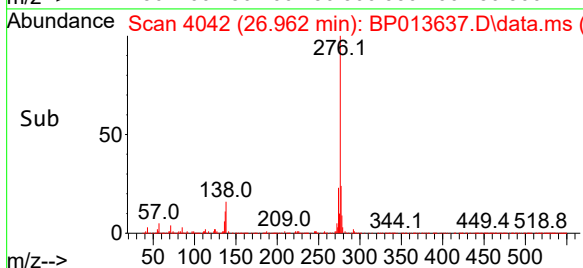
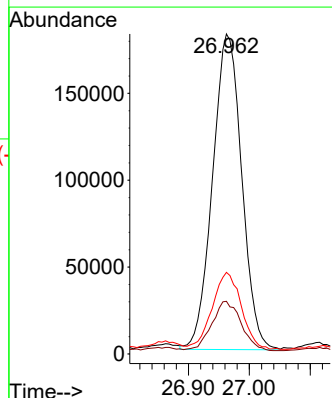
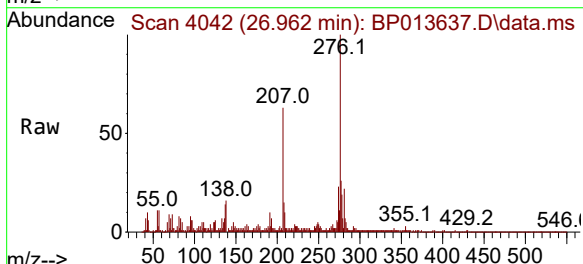
Tgt Ion:276 Resp: 604169

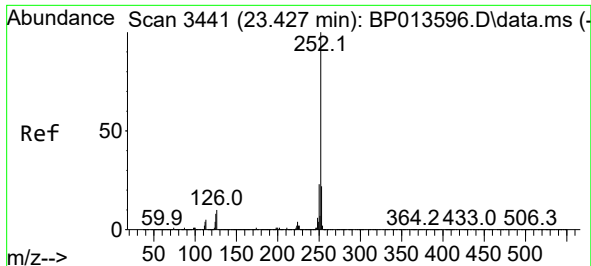
Ion Ratio Lower Upper

276 100

138 15.7 16.4 24.6#

277 24.4 20.2 30.2

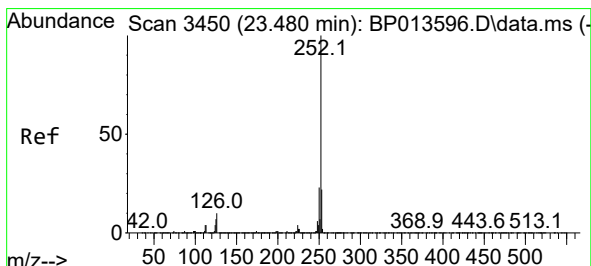
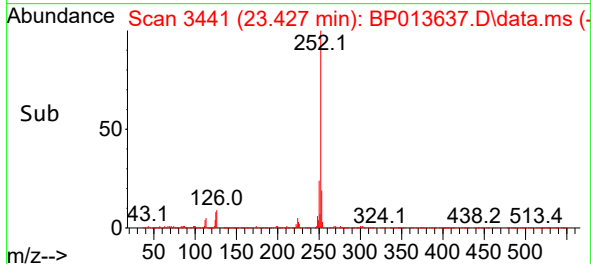
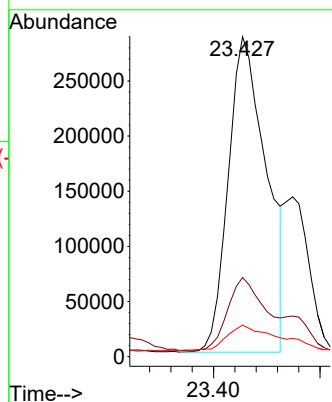
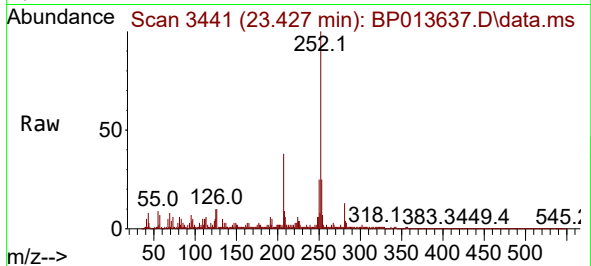




#88
Benzo(b)fluoranthene
Concen: 10.147 ng
RT: 23.427 min Scan# 3441
Delta R.T. -0.000 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

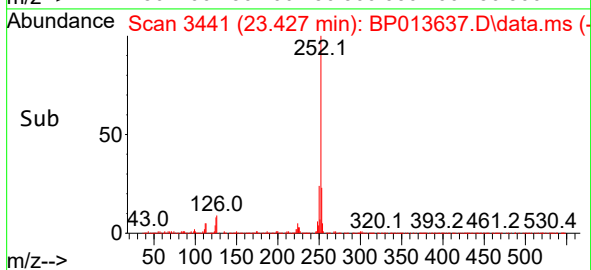
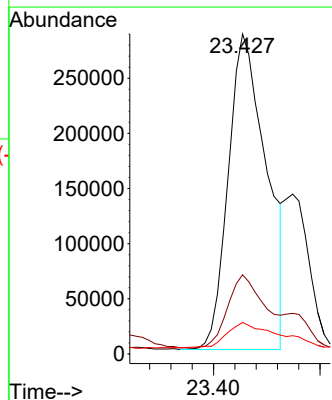
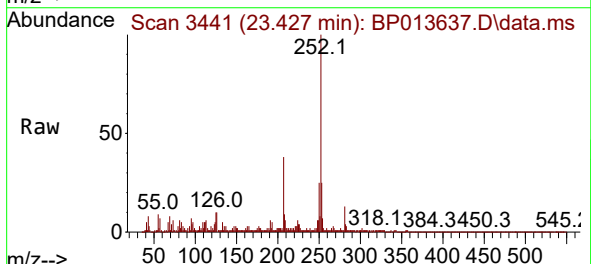
Instrument :
BNA_P
ClientSampleId :
TP-H

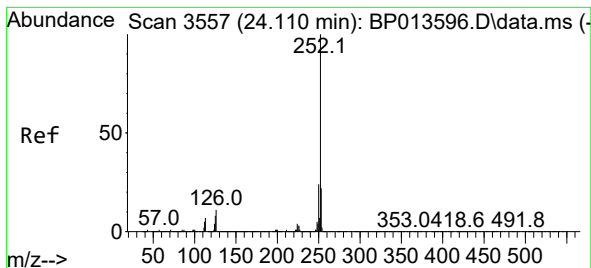
Tgt Ion:252 Resp: 711776
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 9.9 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 10.221 ng
RT: 23.427 min Scan# 3441
Delta R.T. -0.053 min
Lab File: BP013637.D
Acq: 28 Jan 2023 02:14

Tgt Ion:252 Resp: 711776
Ion Ratio Lower Upper
252 100
253 24.8 17.6 26.4
125 9.9 5.9 8.9#





#90

Benzo(a)pyrene

Concen: 8.499 ng

RT: 24.110 min Scan# 3557

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

TP-H

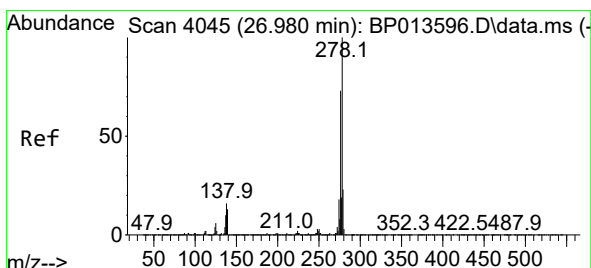
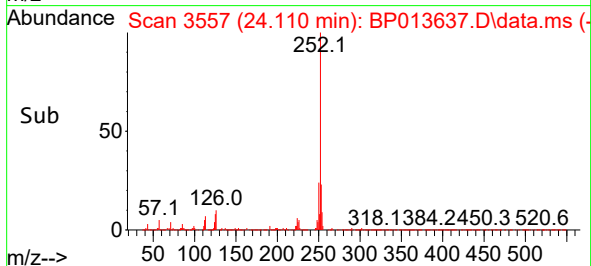
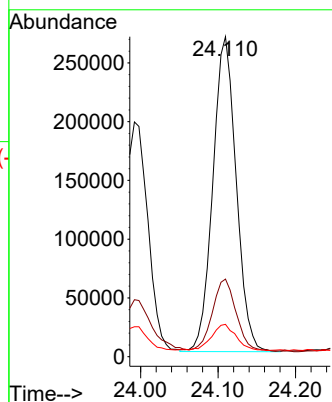
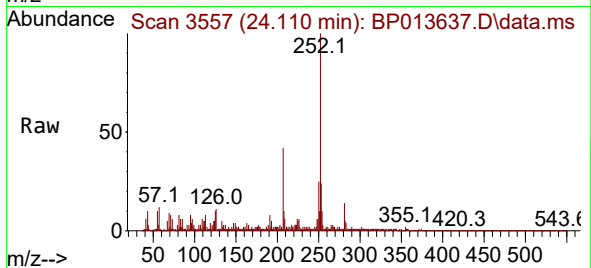
Tgt Ion:252 Resp: 561151

Ion Ratio Lower Upper

252 100

253 24.3 17.2 25.8

125 10.1 6.8 10.2



#91

Dibenzo(a,h)anthracene

Concen: 2.330 ng

RT: 26.980 min Scan# 4045

Delta R.T. -0.000 min

Lab File: BP013637.D

Acq: 28 Jan 2023 02:14

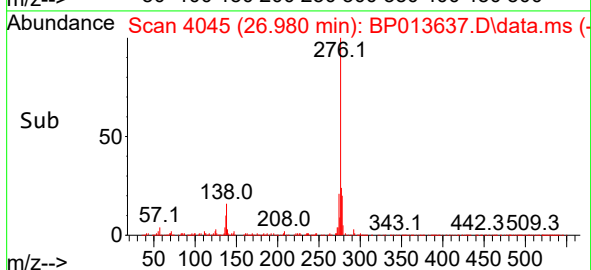
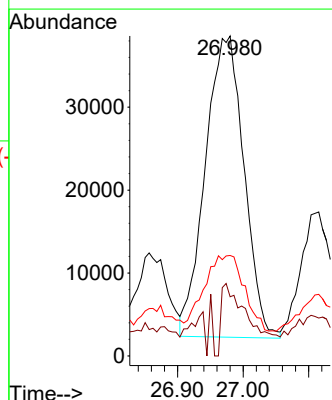
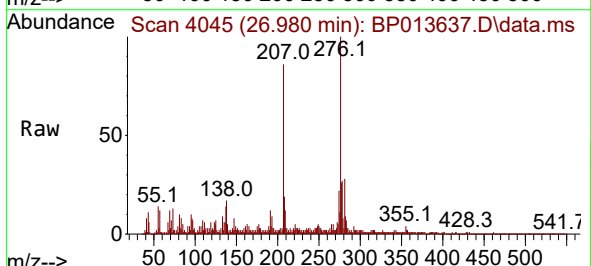
Tgt Ion:278 Resp: 148924

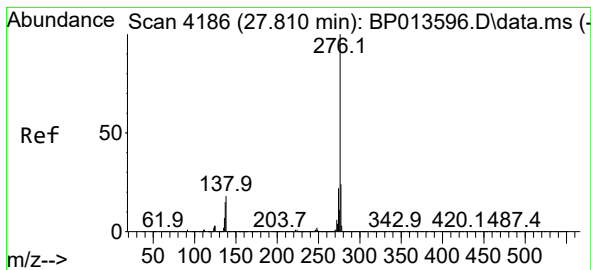
Ion Ratio Lower Upper

278 100

139 18.5 10.6 15.8#

279 31.4 18.7 28.1#





#92

Benzo(g,h,i)perylene

Concen: 12.684 ng

RT: 27.809 min Scan# 41

Delta R.T. -0.000 min

Lab File: BP013637.D

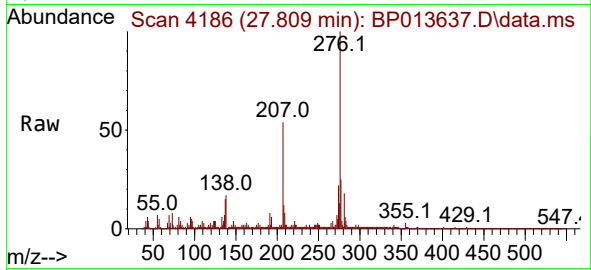
Acq: 28 Jan 2023 02:14

Instrument :

BNA_P

ClientSampleId :

TP-H



Tgt Ion:276 Resp: 798240

Ion Ratio Lower Upper

276 100

277 24.9 18.9 28.3

138 16.6 14.3 21.5

