

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
 Data File : BP013659.D
 Acq On : 30 Jan 2023 23:10
 Operator : CG/JU
 Sample : 01329-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-8-BORING-2-21-28

Quant Time: Jan 31 04:45:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 31 04:38:43 2023
 Response via : Initial Calibration

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

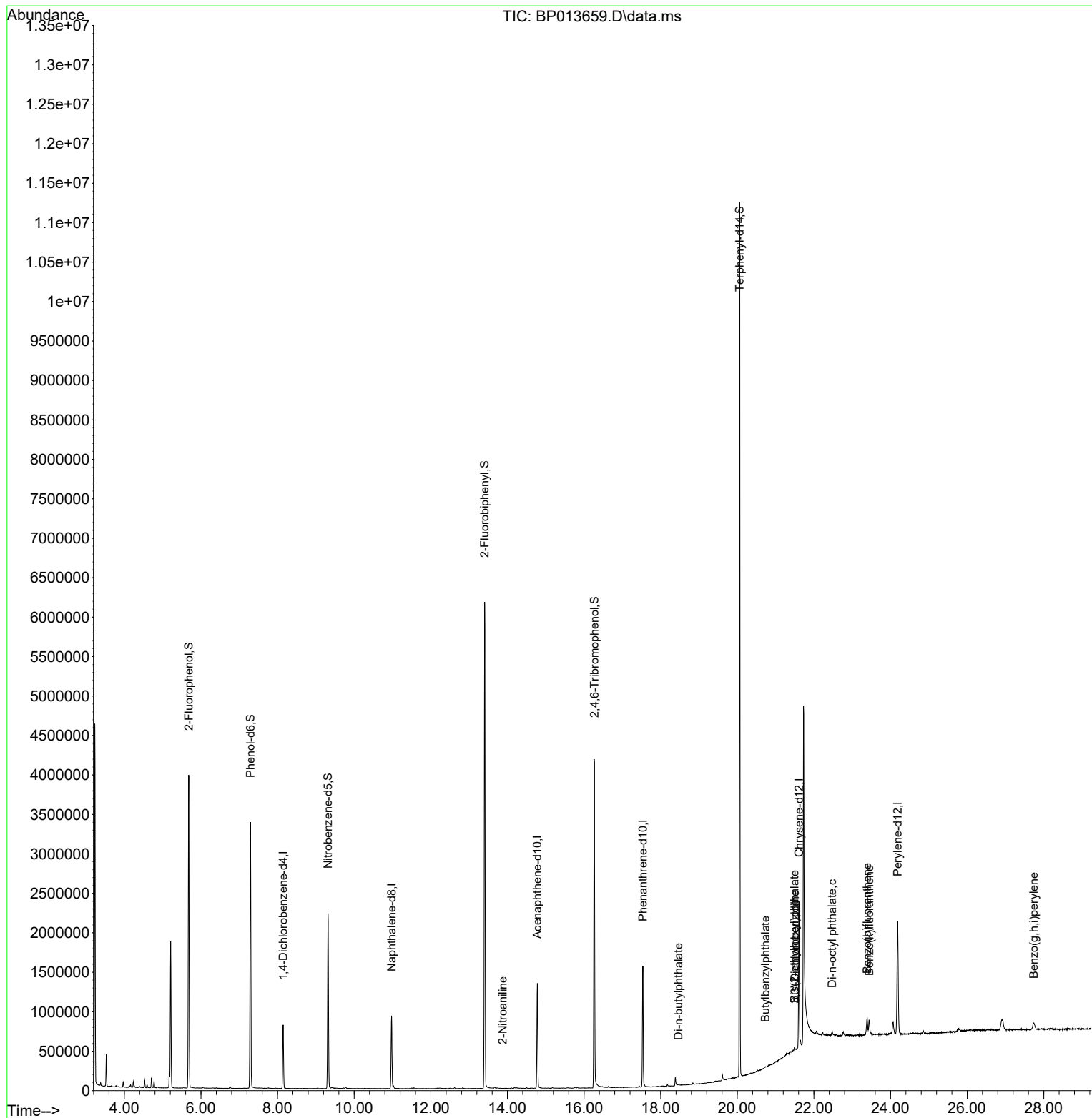
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	223368	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	787371	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	455839	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	975415	20.000	ng	0.00
76) Chrysene-d12	21.610	240	948730	20.000	ng	-0.01
86) Perylene-d12	24.186	264	1197792	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1763897	141.508	ng	0.00
7) Phenol-d6	7.293	99	2041671	121.249	ng	0.00
23) Nitrobenzene-d5	9.316	82	1294540	90.341	ng	-0.01
42) 2,4,6-Tribromophenol	16.269	330	925283	133.324	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	3329795	104.328	ng	0.00
79) Terphenyl-d14	20.063	244	5320043	98.953	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.875	65	134	3.939	ng	# 13
74) Di-n-butylphthalate	18.463	149	7697	3.741	ng	# 94
80) Butylbenzylphthalate	20.733	149	5841	5.875	ng	# 98
82) 3,3'-Dichlorobenzidine	21.504	252	431	6.376	ng	# 37
84) Bis(2-ethylhexyl)phtha...	21.492	149	14877	4.384	ng	# 97
85) Di-n-octyl phthalate	22.474	149	41660	3.198	ng	# 96
88) Benzo(b)fluoranthene	23.392	252	169197	2.200	ng	# 97
89) Benzo(k)fluoranthene	23.445	252	174766	2.289	ng	# 96
92) Benzo(g,h,i)perylene	27.739	276	144878	2.100	ng	# 91

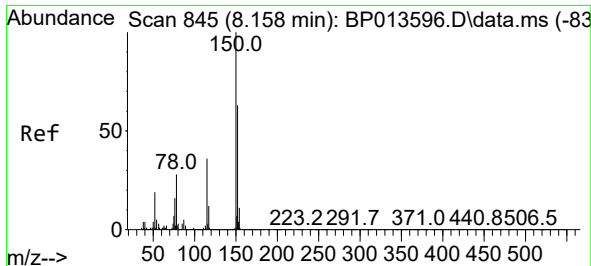
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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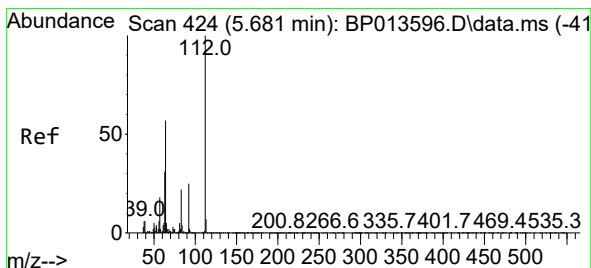
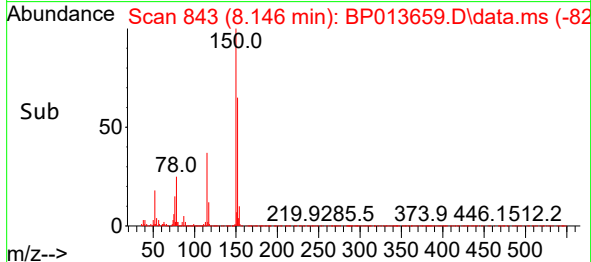
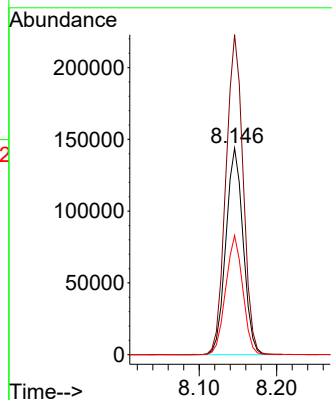
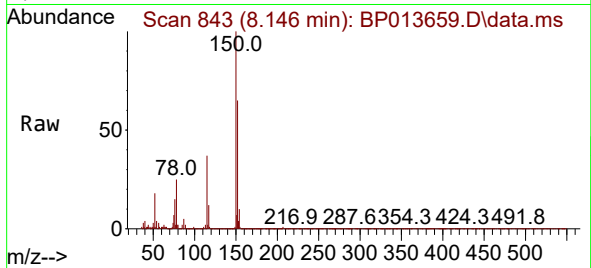




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013659.D
Acq: 30 Jan 2023 23:10

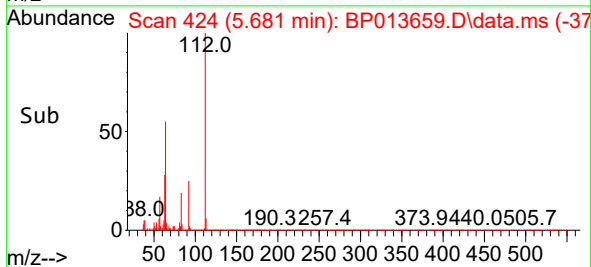
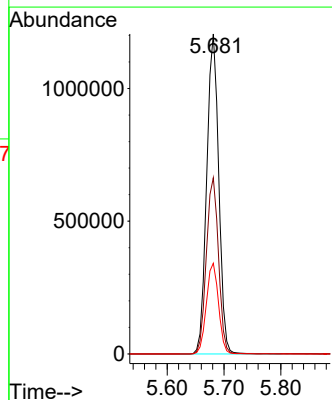
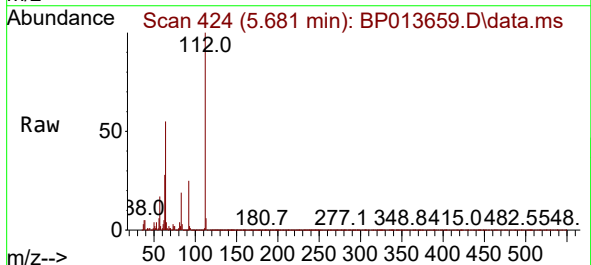
Instrument :
BNA_P
ClientSampleId :
COMP-8-BORING-2-21-28

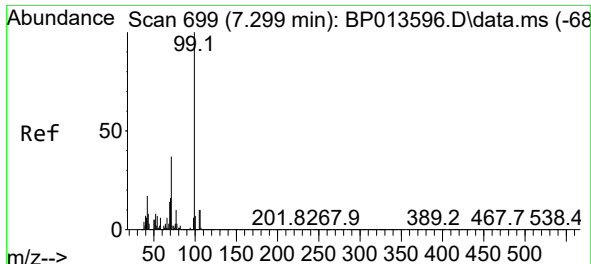
Tgt Ion:152 Resp: 223368
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 57.7 45.1 67.7



#5
2-Fluorophenol
Concen: 141.508 ng
RT: 5.681 min Scan# 424
Delta R.T. -0.000 min
Lab File: BP013659.D
Acq: 30 Jan 2023 23:10

Tgt Ion:112 Resp: 1763897
Ion Ratio Lower Upper
112 100
64 55.0 45.5 68.3
63 28.4 25.1 37.7



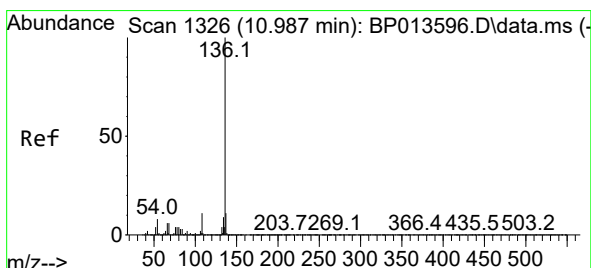
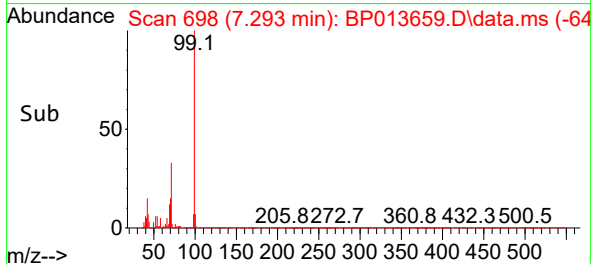
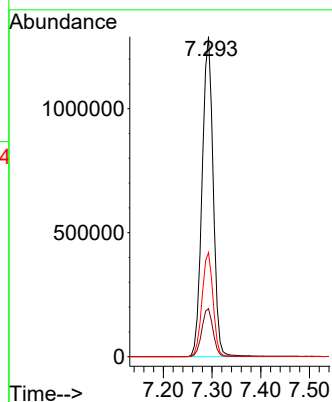
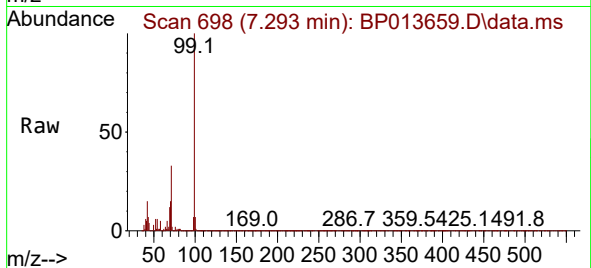


#7
Phenol-d6
Concen: 121.249 ng
RT: 7.293 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013659.D
Acq: 30 Jan 2023 23:10

Instrument :
BNA_P
ClientSampleId :
COMP-8-BORING-2-21-28

Tgt Ion: 99 Resp: 2041671

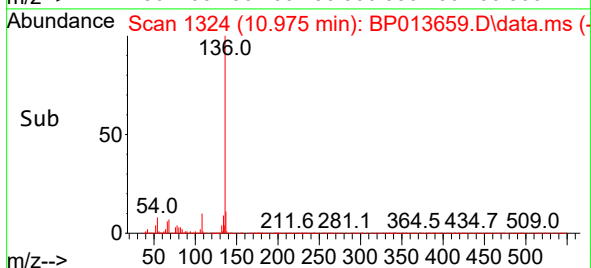
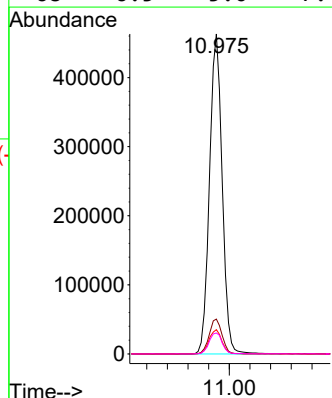
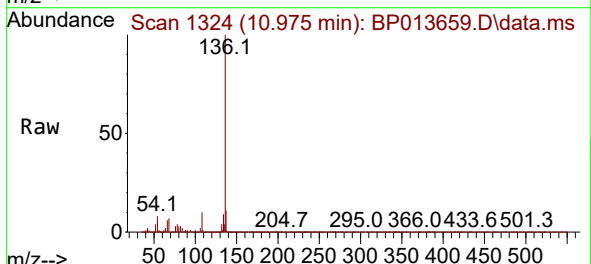
Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.4	20.2
71	32.6	29.9	44.9

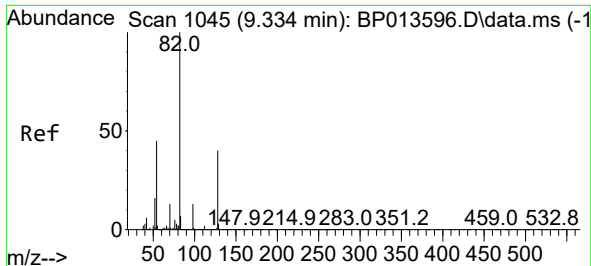


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013659.D
Acq: 30 Jan 2023 23:10

Tgt Ion: 136 Resp: 787371

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.6	6.1	9.1
68	6.5	5.0	7.4

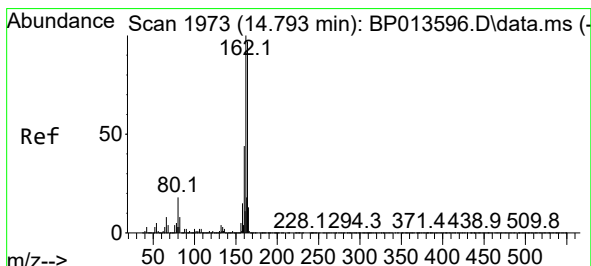
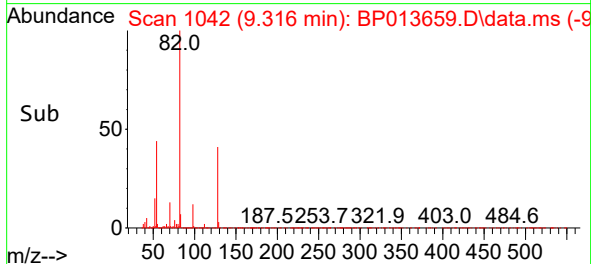
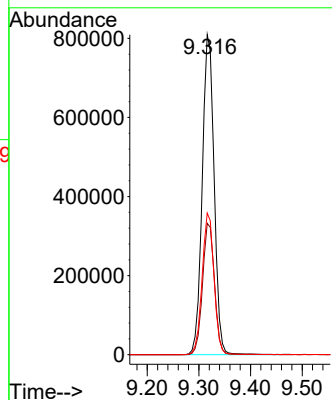
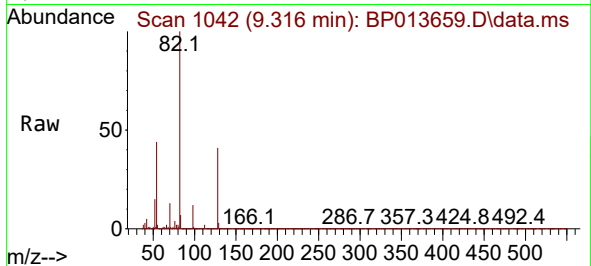




#23
Nitrobenzene-d5
Concen: 90.341 ng
RT: 9.316 min Scan# 1042
Delta R.T. -0.012 min
Lab File: BP013659.D
Acq: 30 Jan 2023 23:10

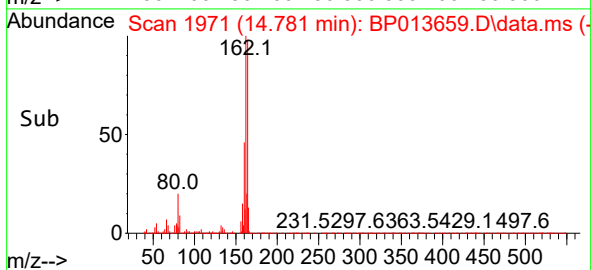
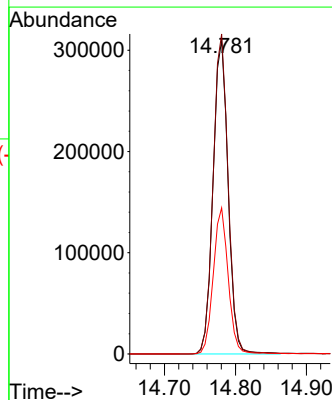
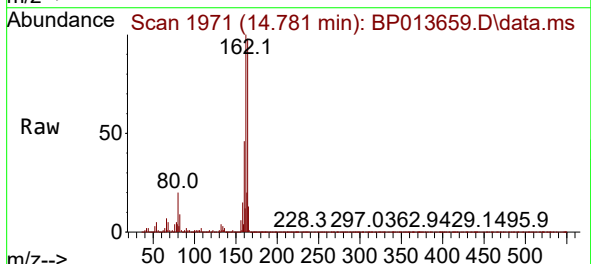
Instrument :
BNA_P
ClientSampleId :
COMP-8-BORING-2-21-28

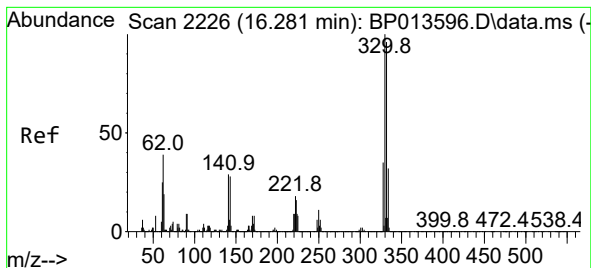
Tgt Ion: 82 Resp: 1294540
Ion Ratio Lower Upper
82 100
128 41.0 31.8 47.8
54 44.3 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP013659.D
Acq: 30 Jan 2023 23:10

Tgt Ion:164 Resp: 455839
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 46.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 133.324 ng

RT: 16.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013659.D

Acq: 30 Jan 2023 23:10

Instrument :

BNA_P

ClientSampleId :

COMP-8-BORING-2-21-28

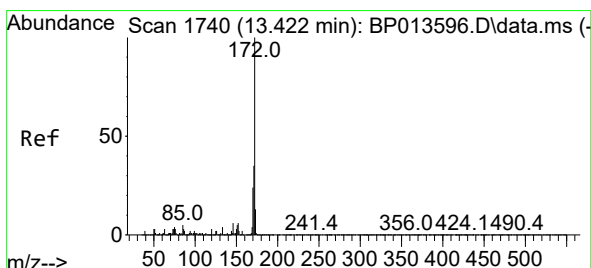
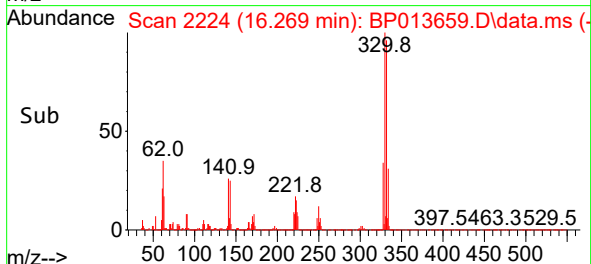
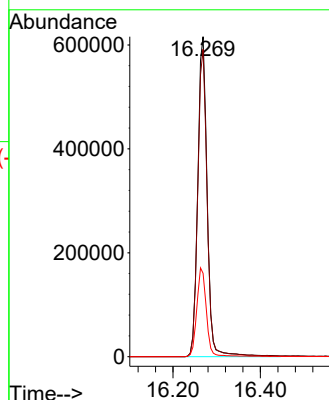
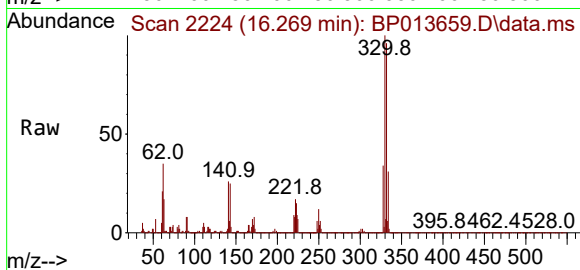
Tgt Ion:330 Resp: 925283

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 28.5 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 104.328 ng

RT: 13.404 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP013659.D

Acq: 30 Jan 2023 23:10

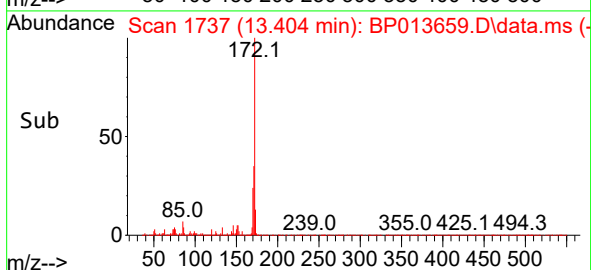
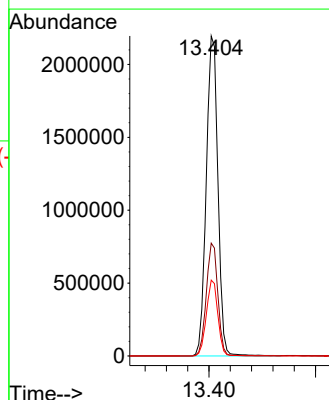
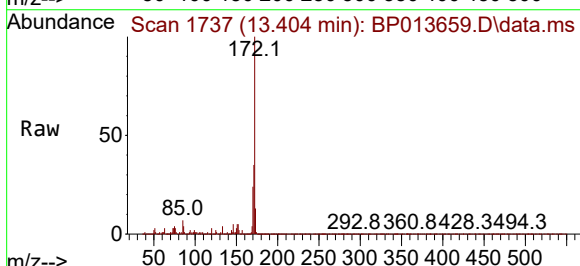
Tgt Ion:172 Resp: 3329795

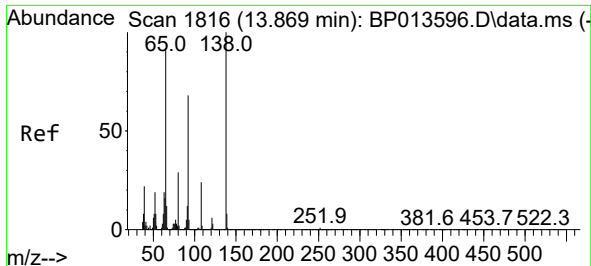
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.7 19.1 28.7

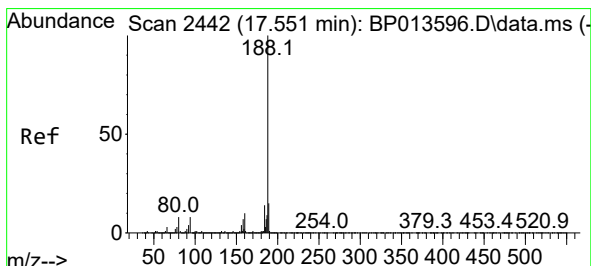
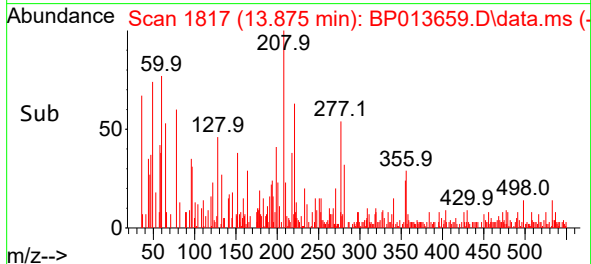
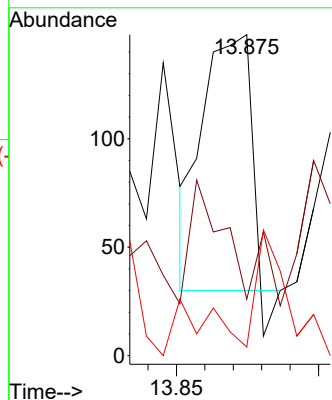
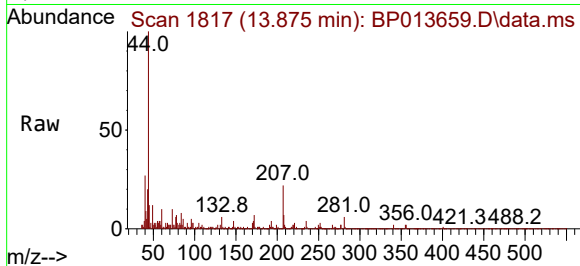




#48
2-Nitroaniline
Concen: 3.939 ng
RT: 13.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP013659.D
Acq: 30 Jan 2023 23:10

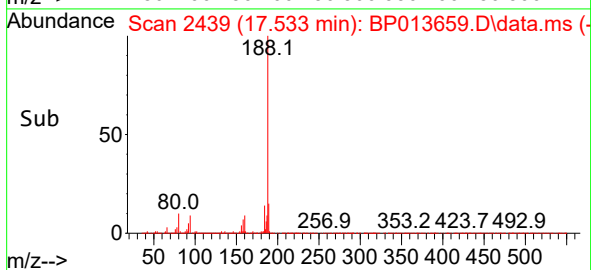
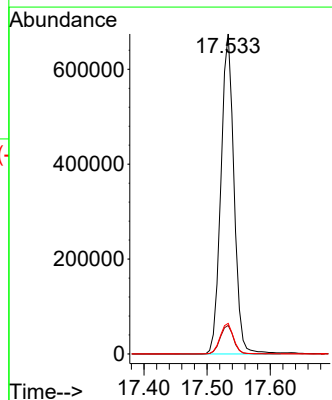
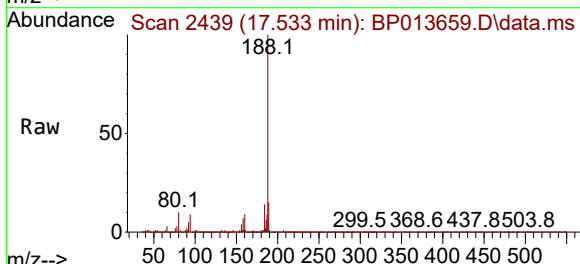
Instrument :
BNA_P
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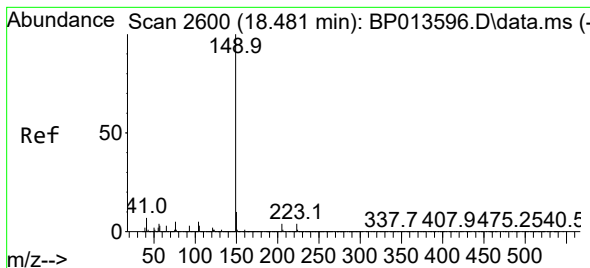
Tgt Ion: 65 Resp: 134
Ion Ratio Lower Upper
65 100
92 17.6 59.5 89.3#
138 2.7 87.1 130.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.533 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP013659.D
Acq: 30 Jan 2023 23:10

Tgt Ion:188 Resp: 975415
Ion Ratio Lower Upper
188 100
94 8.9 6.1 9.1
80 9.6 6.6 10.0





#74

Di-n-butylphthalate

Concen: 3.741 ng

RT: 18.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013659.D

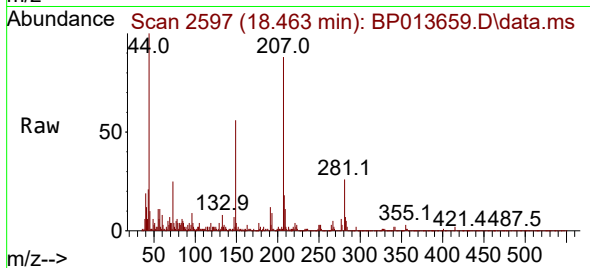
Acq: 30 Jan 2023 23:10

Instrument :

BNA_P

ClientSampleId :

COMP-8-BORING-2-21-28



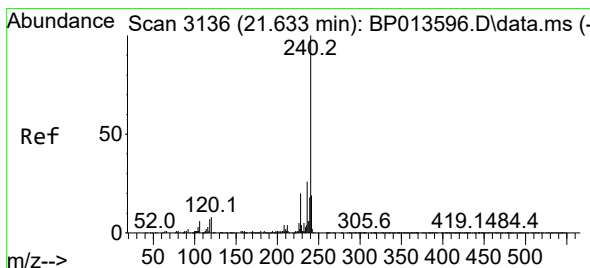
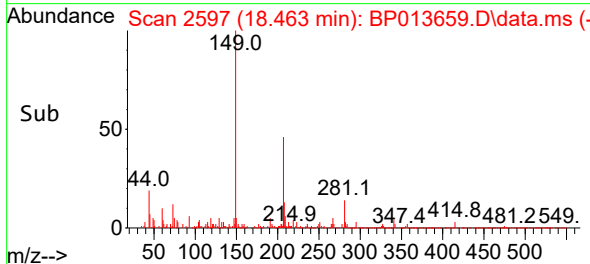
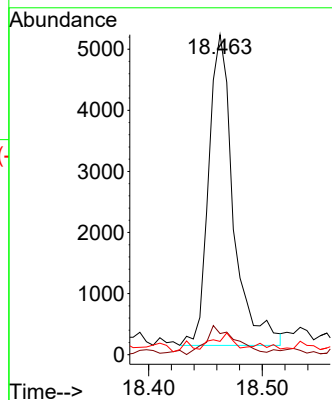
Tgt Ion:149 Resp: 7697

Ion Ratio Lower Upper

149 100

150 6.6 7.6 11.4#

104 4.1 4.4 6.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BP013659.D

Acq: 30 Jan 2023 23:10

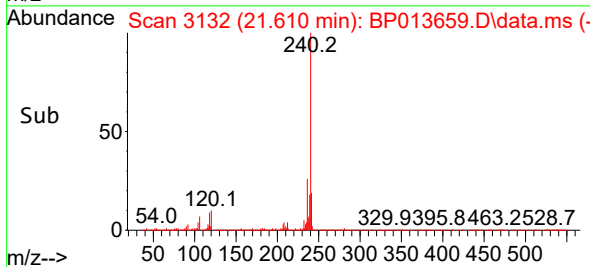
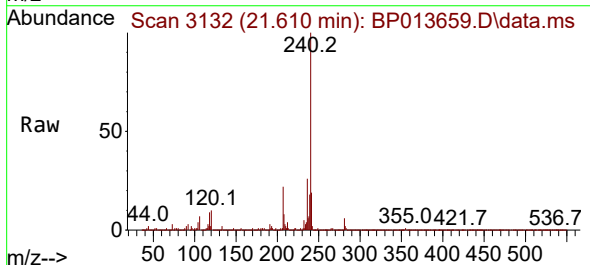
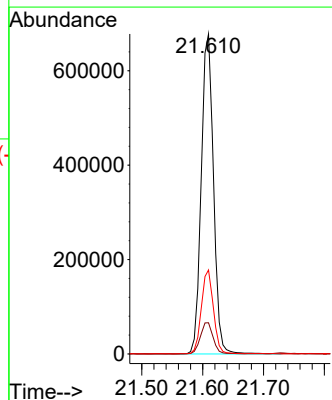
Tgt Ion:240 Resp: 948730

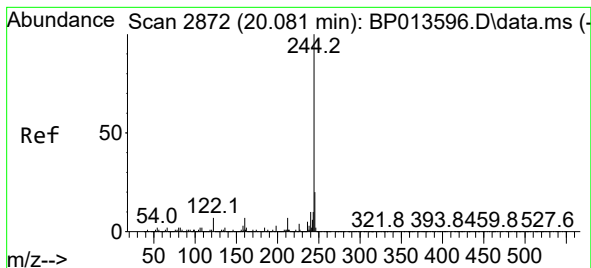
Ion Ratio Lower Upper

240 100

120 9.7 6.7 10.1

236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 98.953 ng

RT: 20.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013659.D

Acq: 30 Jan 2023 23:10

Instrument :

BNA_P

ClientSampleId :

COMP-8-BORING-2-21-28

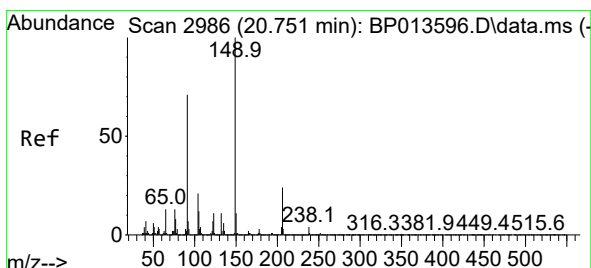
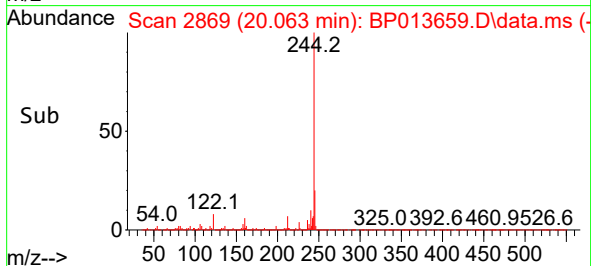
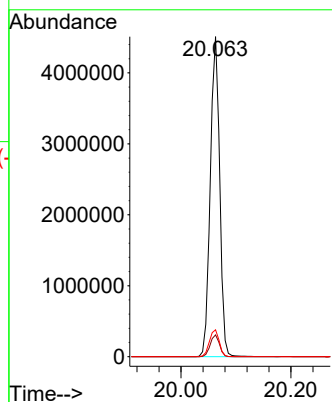
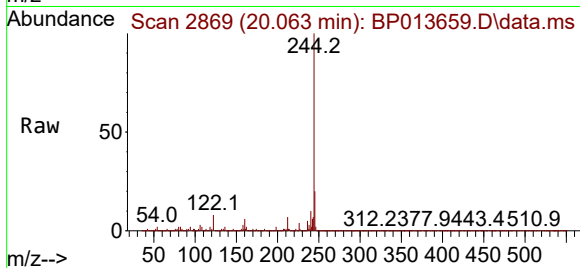
Tgt Ion:244 Resp: 5320043

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 8.4 5.3 7.9#



#80

Butylbenzylphthalate

Concen: 5.875 ng

RT: 20.733 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BP013659.D

Acq: 30 Jan 2023 23:10

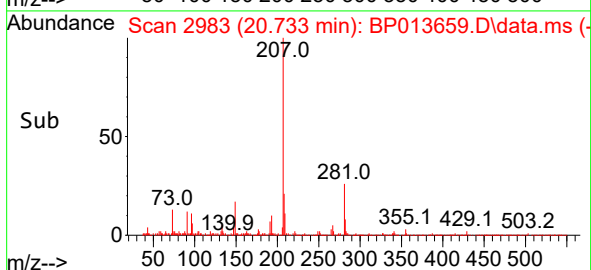
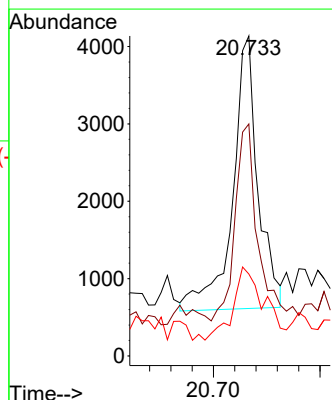
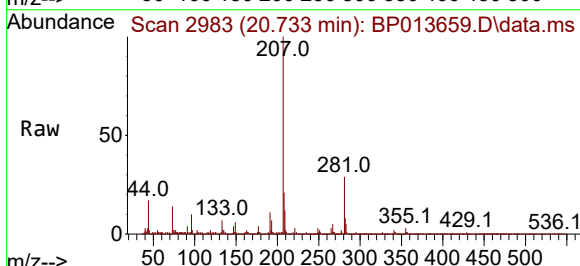
Tgt Ion:149 Resp: 5841

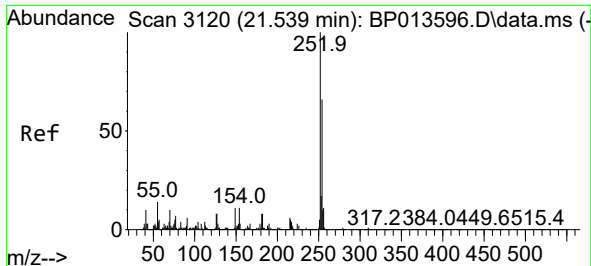
Ion Ratio Lower Upper

149 100

91 72.5 57.0 85.6

206 25.6 19.0 28.6

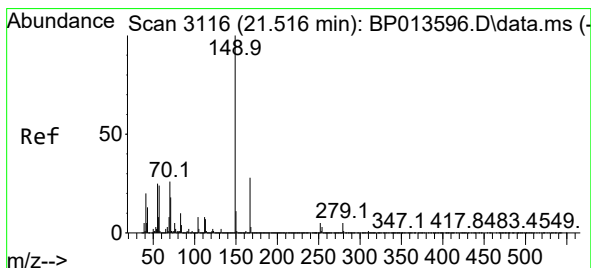
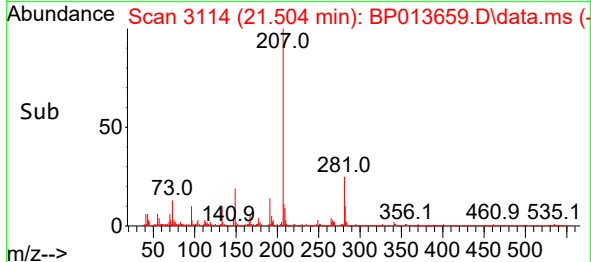
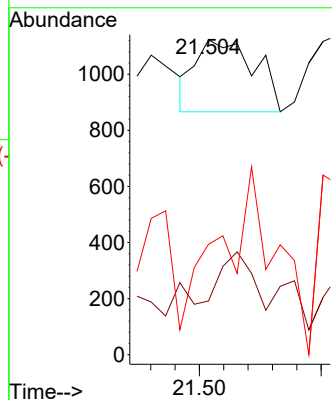
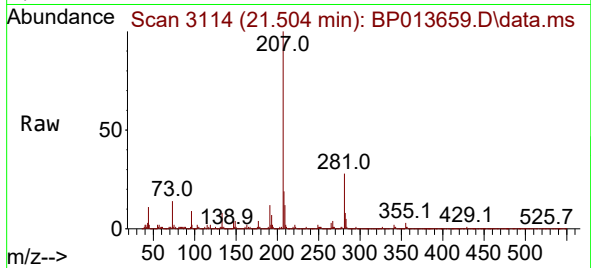




#82
3,3'-Dichlorobenzidine
Concen: 6.376 ng
RT: 21.504 min Scan# 3114
Delta R.T. -0.024 min
Lab File: BP013659.D
Acq: 30 Jan 2023 23:10

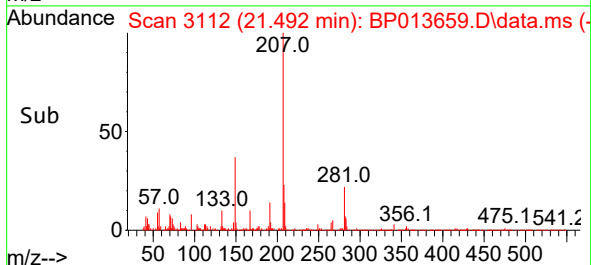
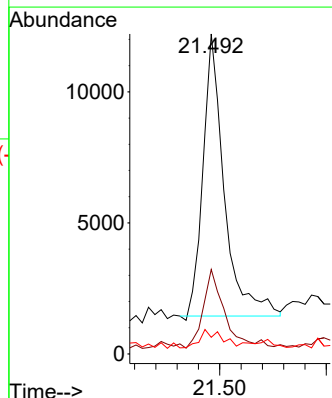
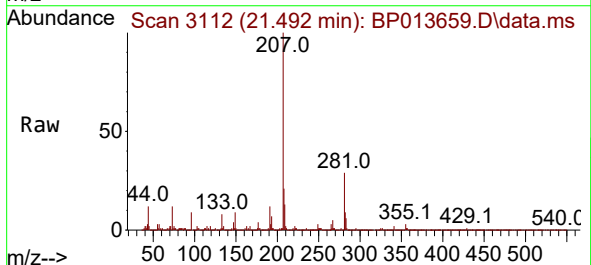
Instrument :
BNA_P
ClientSampleId :
COMP-8-BORING-2-21-28

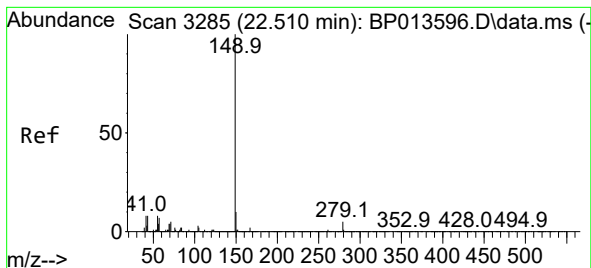
Tgt Ion:252 Resp: 431
Ion Ratio Lower Upper
252 100
254 17.1 52.3 78.5#
126 35.1 6.2 9.4#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.384 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP013659.D
Acq: 30 Jan 2023 23:10

Tgt Ion:149 Resp: 14877
Ion Ratio Lower Upper
149 100
167 26.4 22.2 33.4
279 5.2 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 3.198 ng

RT: 22.474 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP013659.D

Acq: 30 Jan 2023 23:10

Instrument :

BNA_P

ClientSampleId :

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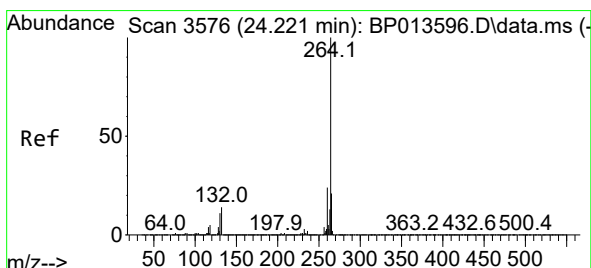
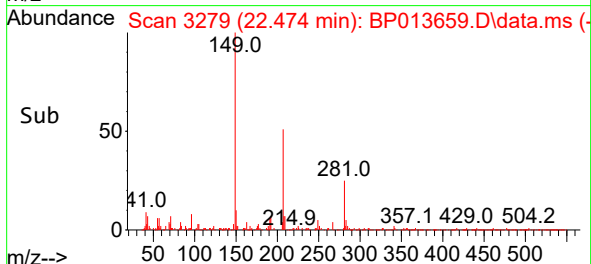
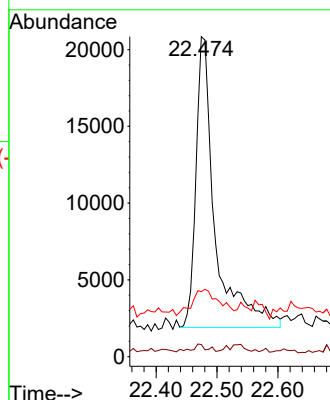
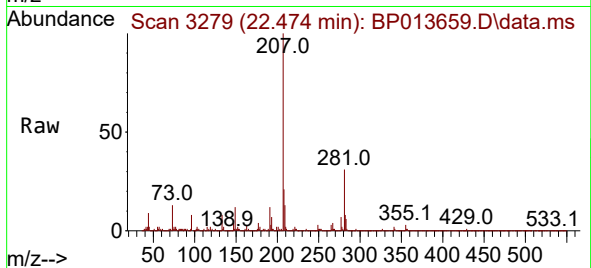
Tgt Ion:149 Resp: 41660

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.186 min Scan# 3570

Delta R.T. -0.018 min

Lab File: BP013659.D

Acq: 30 Jan 2023 23:10

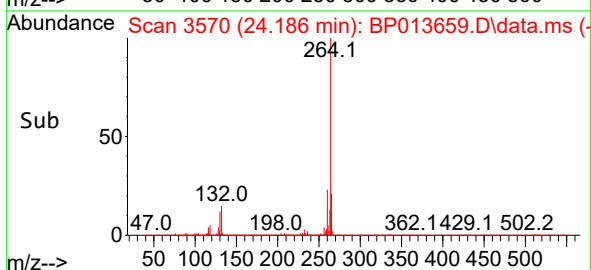
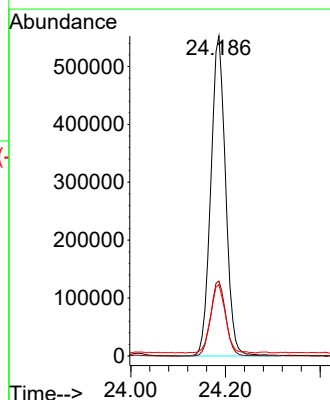
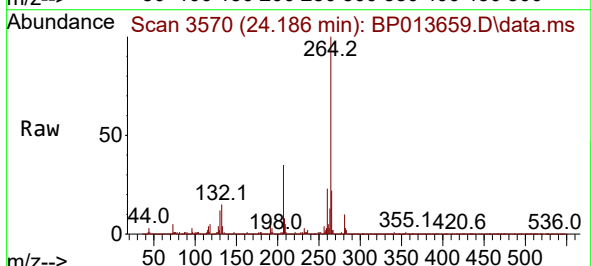
Tgt Ion:264 Resp: 1197792

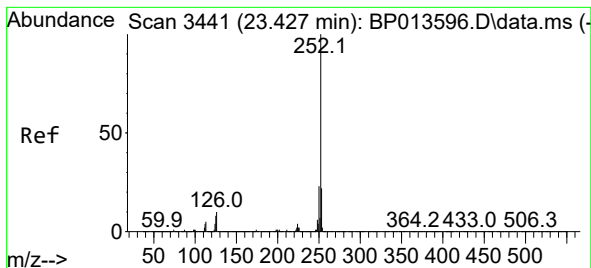
Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.4 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 2.200 ng

RT: 23.392 min Scan# 3441

Delta R.T. -0.018 min

Lab File: BP013659.D

Acq: 30 Jan 2023 23:10

Instrument :

BNA_P

ClientSampleId :

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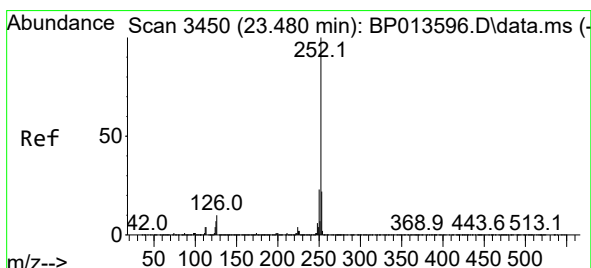
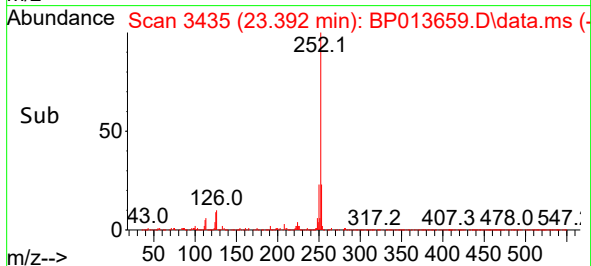
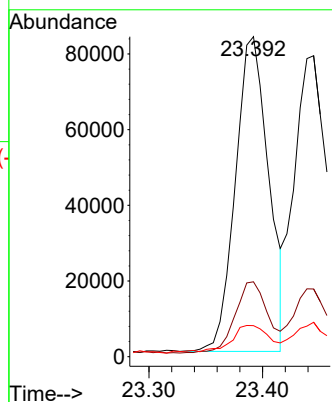
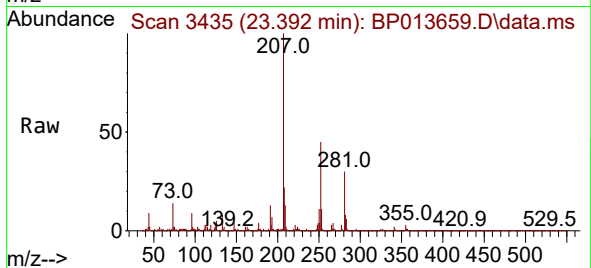
Tgt Ion:252 Resp: 169197

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

125 9.7 6.2 9.4#



#89

Benzo(k)fluoranthene

Concen: 2.289 ng

RT: 23.445 min Scan# 3444

Delta R.T. -0.018 min

Lab File: BP013659.D

Acq: 30 Jan 2023 23:10

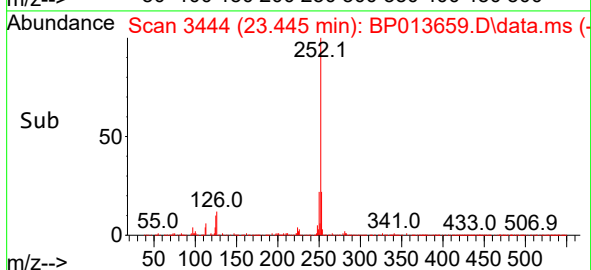
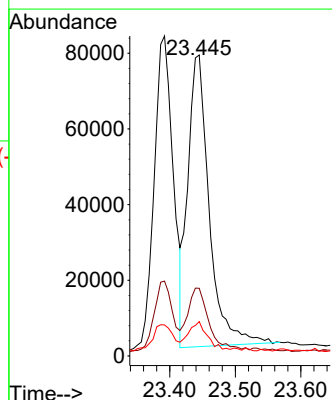
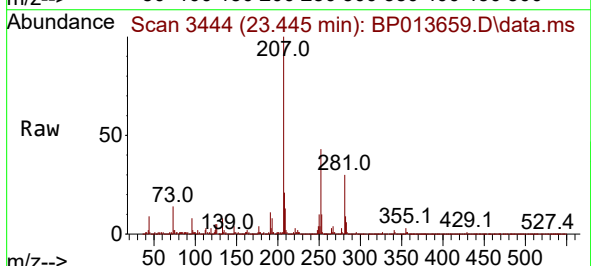
Tgt Ion:252 Resp: 174766

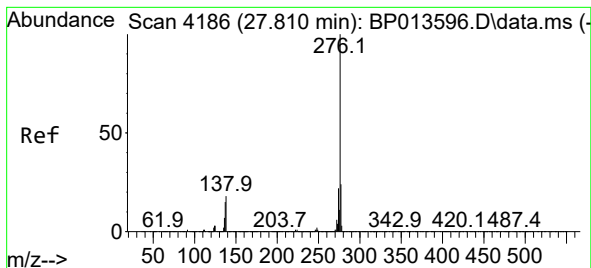
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.4 5.9 8.9#





#92

Benzo(g,h,i)perylene

Concen: 2.100 ng

RT: 27.739 min Scan# 41

Delta R.T. -0.047 min

Lab File: BP013659.D

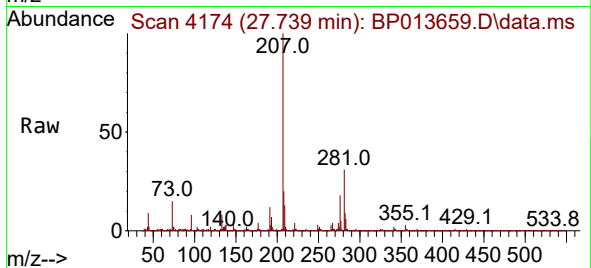
Acq: 30 Jan 2023 23:10

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:276 Resp: 144878

Ion Ratio Lower Upper

276 100

277 30.1 18.9 28.3#

138 19.0 14.3 21.5

