

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
 Data File : BP013658.D
 Acq On : 30 Jan 2023 22:36
 Operator : CG/JU
 Sample : 01329-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-7-BORING-2-14-21

Quant Time: Jan 31 04:45:04 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)

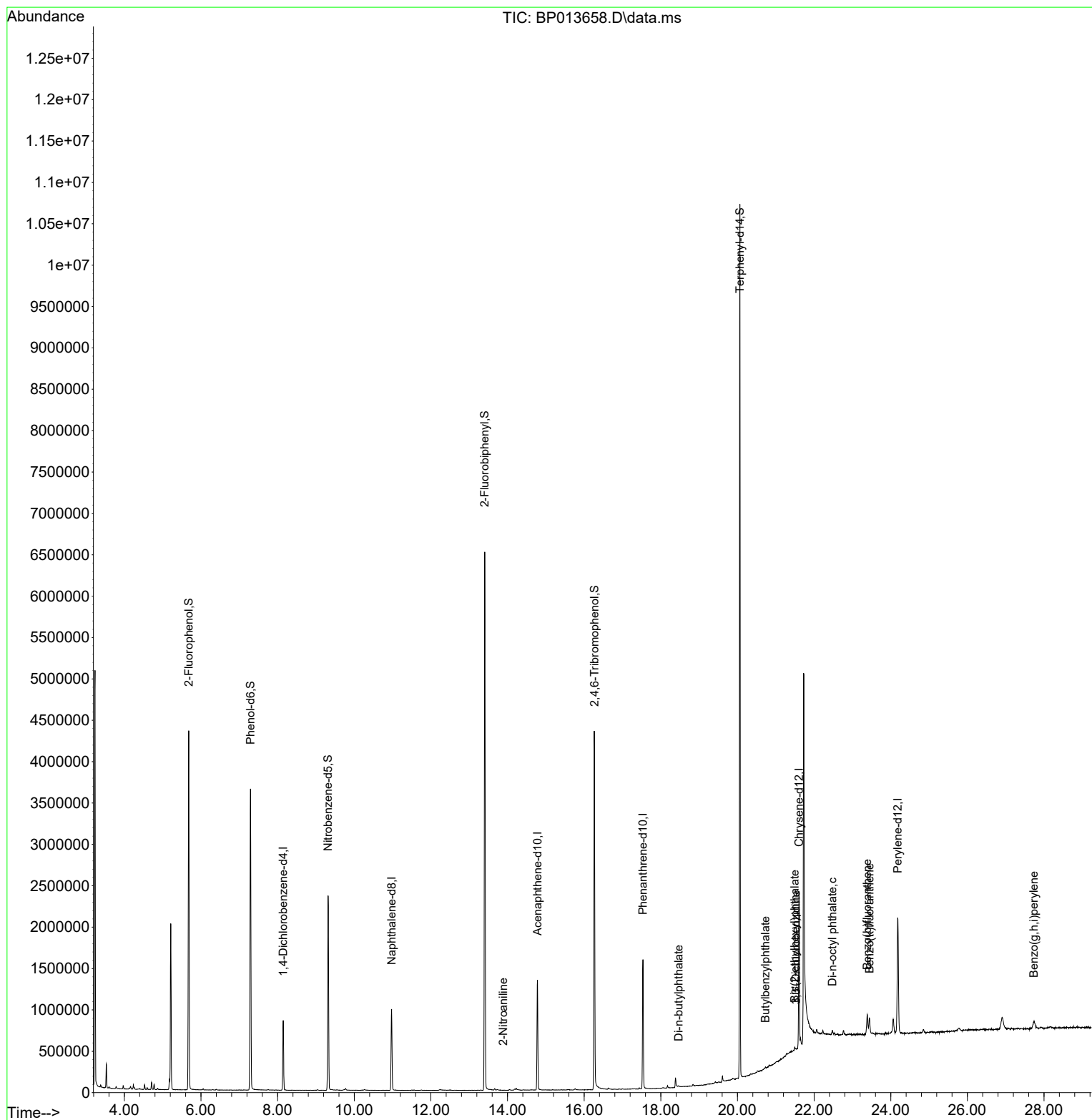
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	235150	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	843971	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	484844	20.000	ng	0.00
64) Phenanthrene-d10	17.534	188	996872	20.000	ng	# 0.00
76) Chrysene-d12	21.604	240	958049	20.000	ng	#-0.02
86) Perylene-d12	24.180	264	1196284	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1909418	145.507	ng	0.00
7) Phenol-d6	7.293	99	2238915	126.300	ng	0.00
23) Nitrobenzene-d5	9.316	82	1389584	90.470	ng	-0.01
42) 2,4,6-Tribromophenol	16.269	330	950499	128.764	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	3479848	102.507	ng	0.00
79) Terphenyl-d14	20.063	244	5125453	94.406	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.887	65	213	3.949	ng	# 29
74) Di-n-butylphthalate	18.463	149	9809	3.784	ng	96
80) Butylbenzylphthalate	20.728	149	5814	5.867	ng	93
82) 3,3'-Dichlorobenzidine	21.528	252	412	6.375	ng	# 44
84) Bis(2-ethylhexyl)phtha...	21.492	149	18196	4.611	ng	# 96
85) Di-n-octyl phthalate	22.475	149	45052	3.400	ng	# 97
88) Benzo(b)fluoranthene	23.386	252	189207	2.464	ng	# 98
89) Benzo(k)fluoranthene	23.445	252	188365	2.471	ng	# 96
92) Benzo(g,h,i)perylene	27.733	276	140268	2.036	ng	# 91

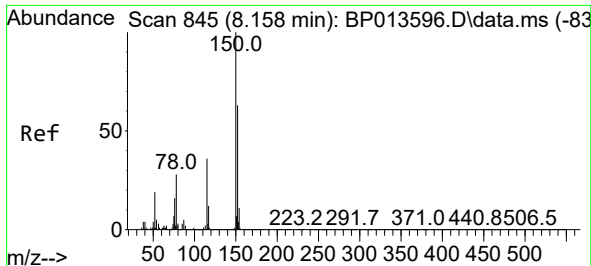
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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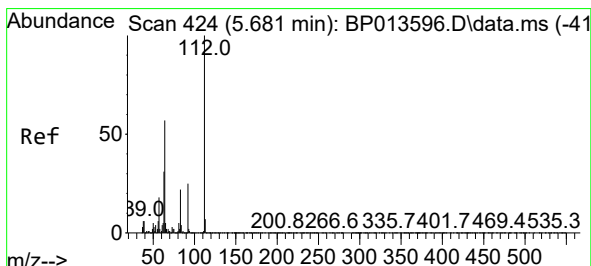
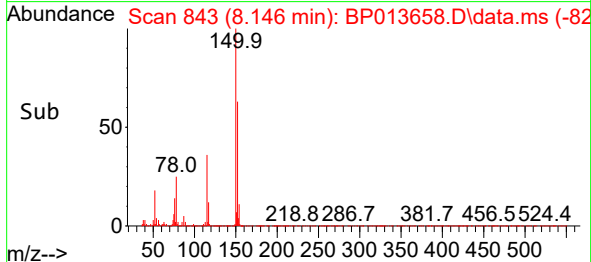
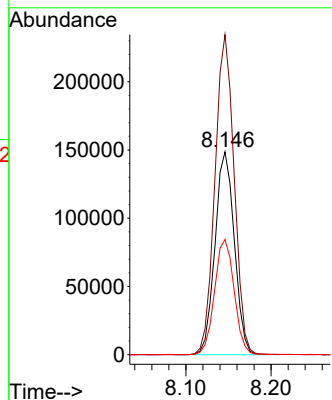
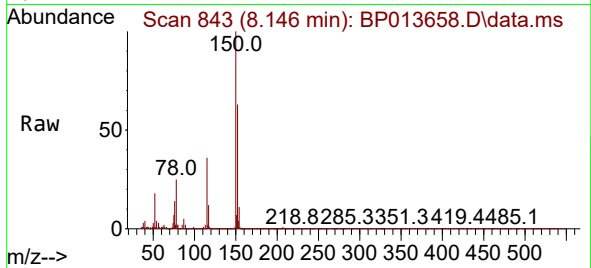




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

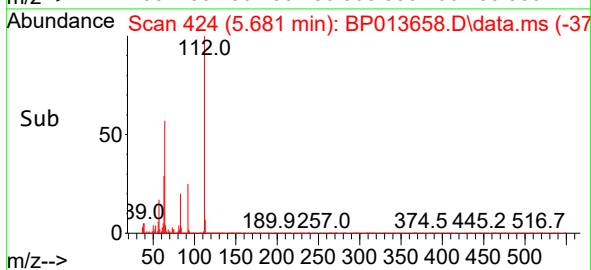
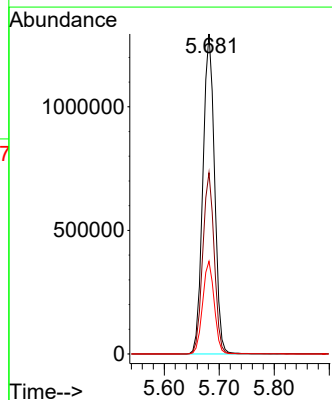
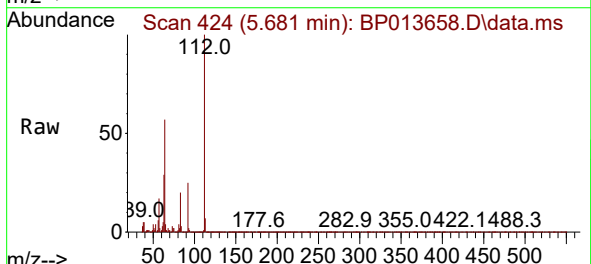
Instrument :
BNA_P
ClientSampleId :
COMP-7-BORING-2-14-21

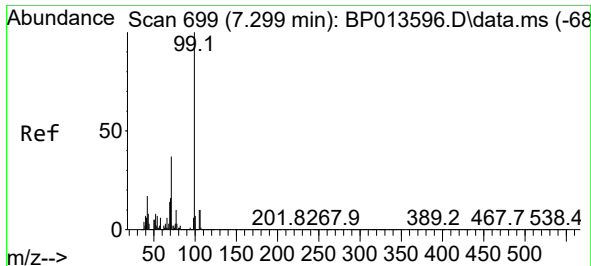
Tgt Ion:152 Resp: 235150
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 56.8 45.1 67.7



#5
2-Fluorophenol
Concen: 145.507 ng
RT: 5.681 min Scan# 424
Delta R.T. 0.000 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

Tgt Ion:112 Resp: 1909418
Ion Ratio Lower Upper
112 100
64 56.7 45.5 68.3
63 29.0 25.1 37.7



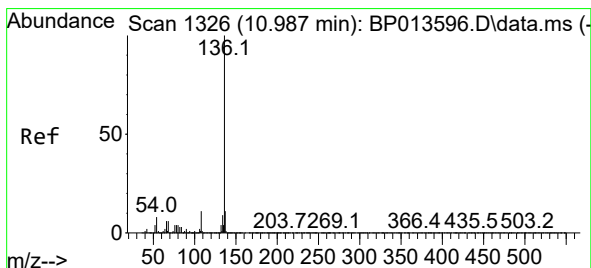
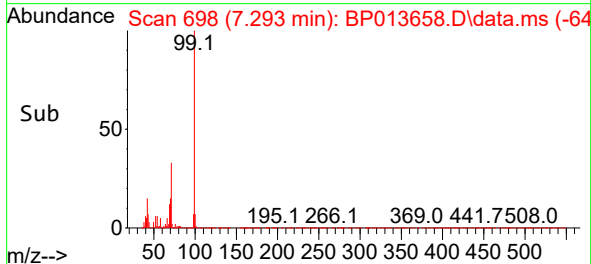
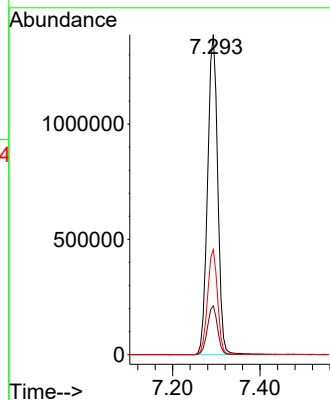
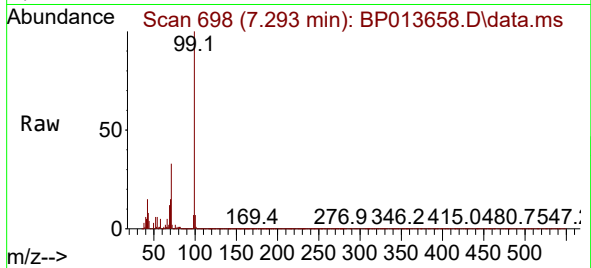


#7
Phenol-d6
Concen: 126.300 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

Instrument :
BNA_P
ClientSampleId :
COMP-7-BORING-2-14-21

Tgt Ion: 99 Resp: 2238915

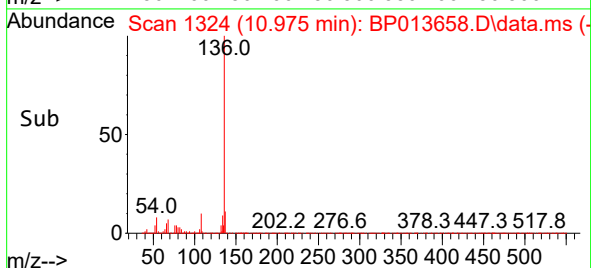
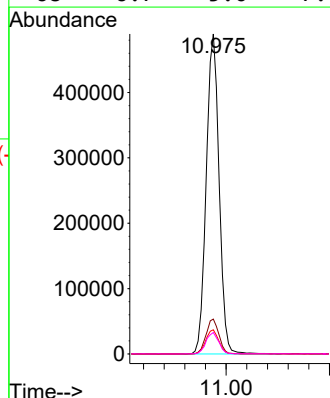
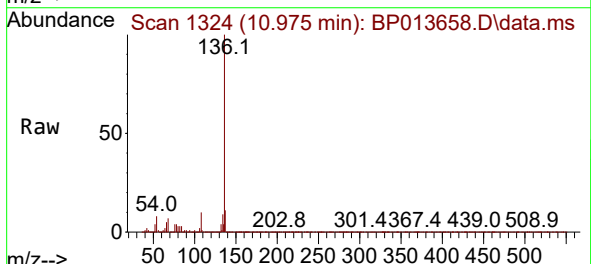
Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.4	20.2
71	32.8	29.9	44.9

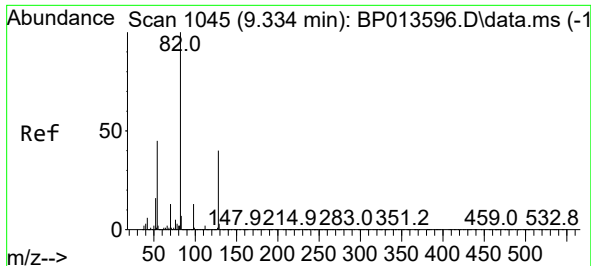


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

Tgt Ion: 136 Resp: 843971

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.5	6.1	9.1
68	6.7	5.0	7.4

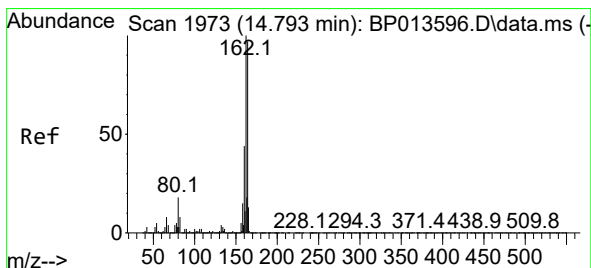
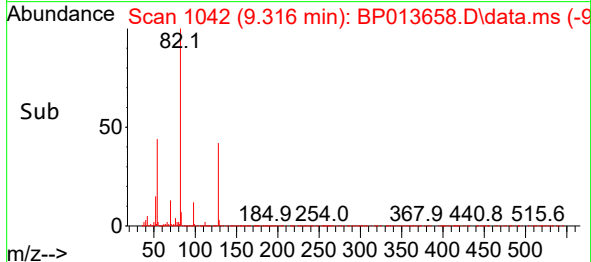
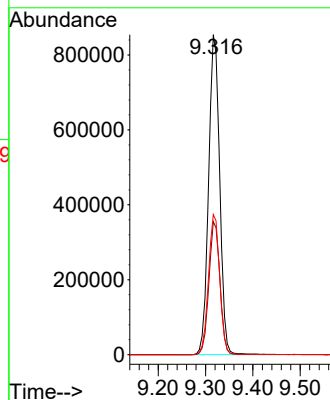
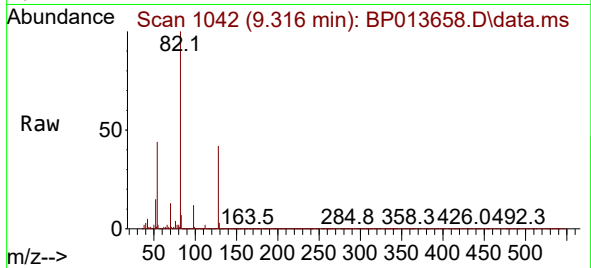




#23
Nitrobenzene-d5
Concen: 90.470 ng
RT: 9.316 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

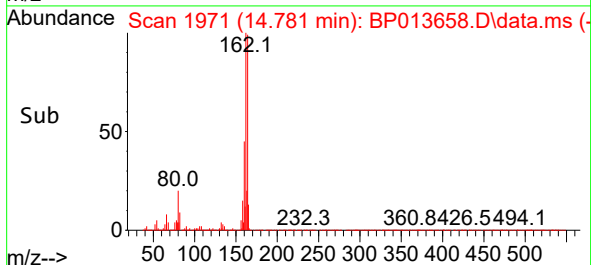
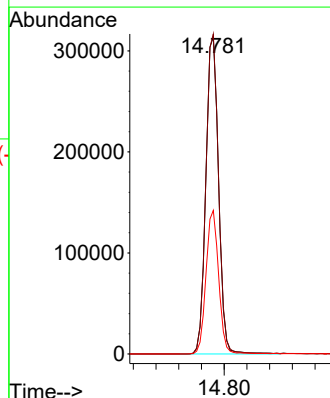
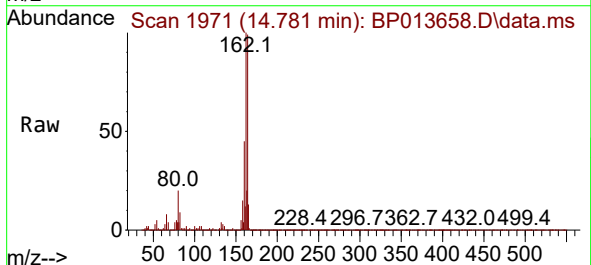
Instrument :
BNA_P
ClientSampleId :
COMP-7-BORING-2-14-21

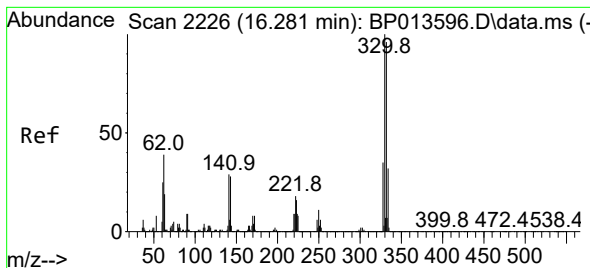
Tgt Ion: 82 Resp: 1389584
Ion Ratio Lower Upper
82 100
128 41.5 31.8 47.8
54 43.8 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

Tgt Ion:164 Resp: 484844
Ion Ratio Lower Upper
164 100
162 101.0 82.3 123.5
160 45.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 128.764 ng

RT: 16.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

Instrument :

BNA_P

ClientSampleId :

COMP-7-BORING-2-14-21

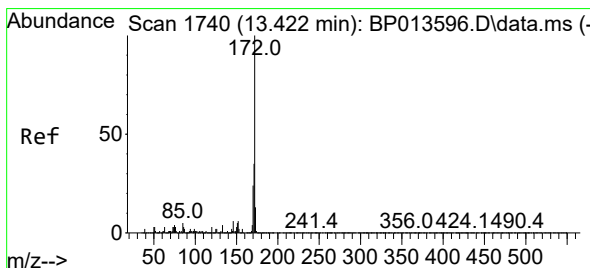
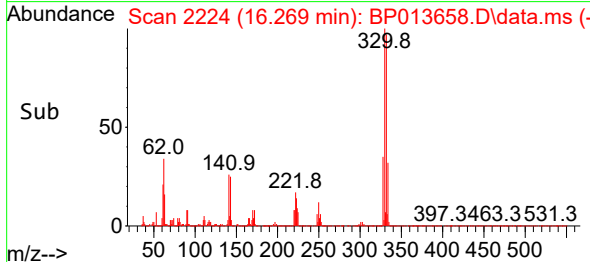
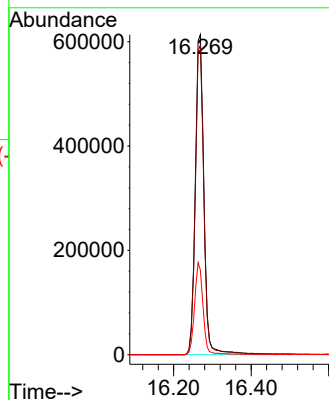
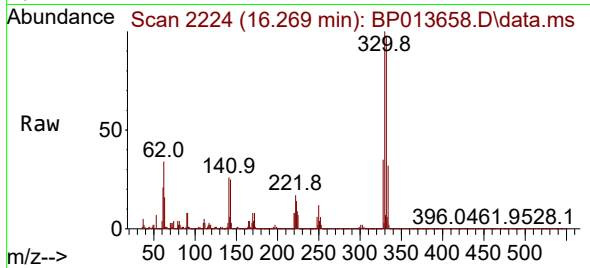
Tgt Ion:330 Resp: 950499

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 28.3 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 102.507 ng

RT: 13.404 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

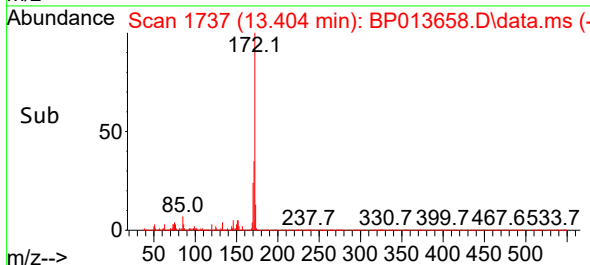
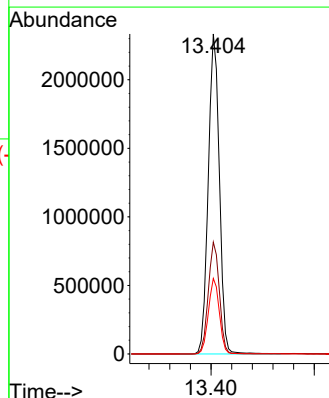
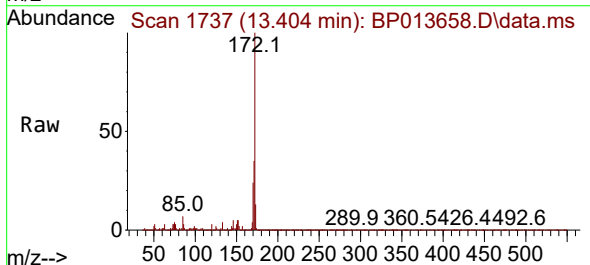
Tgt Ion:172 Resp: 3479848

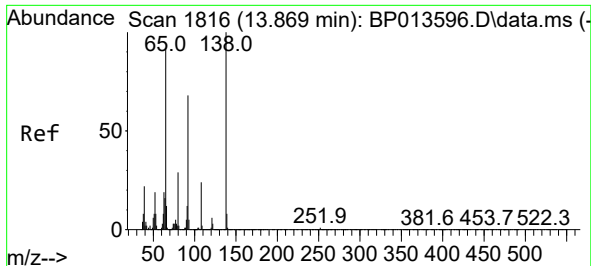
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.6 19.1 28.7

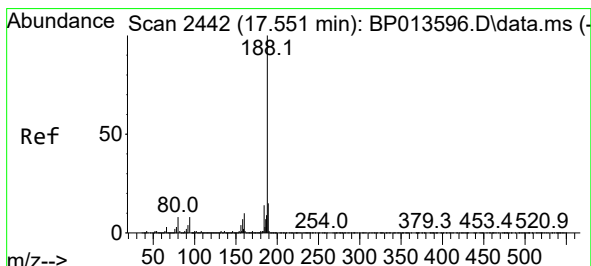
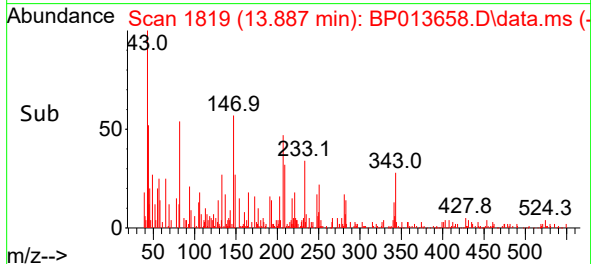
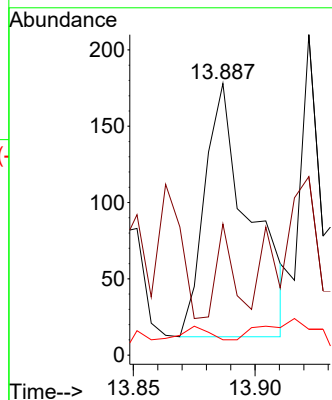
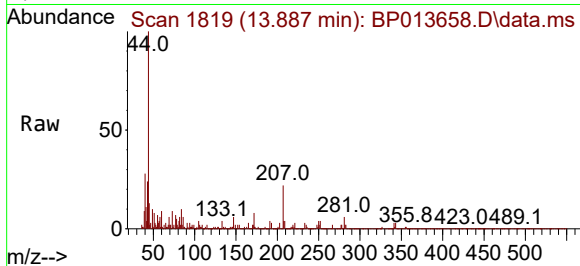




#48
2-Nitroaniline
Concen: 3.949 ng
RT: 13.887 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

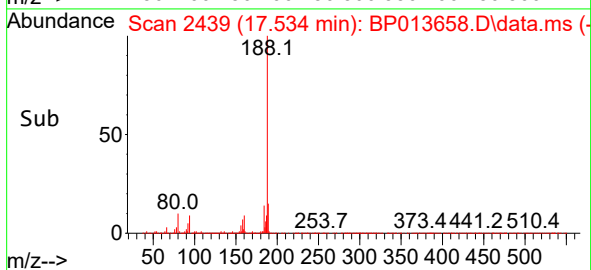
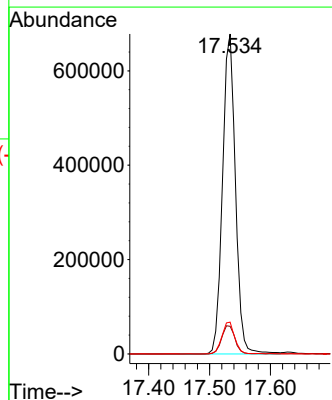
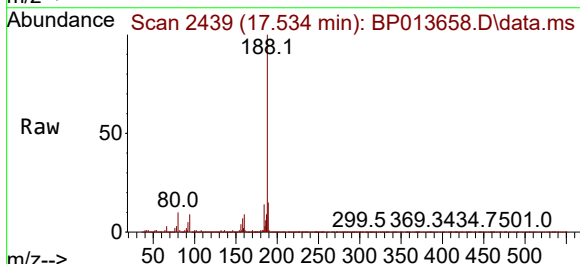
Instrument :
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COMP-7-BORING-2-14-21

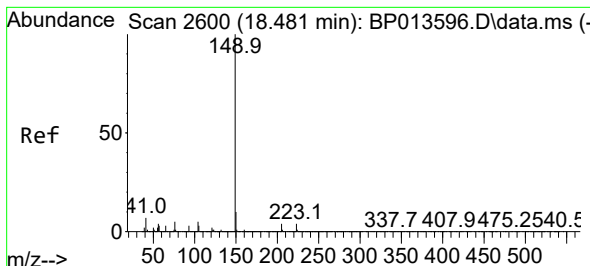
Tgt Ion: 65 Resp: 213
Ion Ratio Lower Upper
65 100
92 48.3 59.5 89.3#
138 5.6 87.1 130.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.534 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

Tgt Ion:188 Resp: 996872
Ion Ratio Lower Upper
188 100
94 8.7 6.1 9.1
80 10.0 6.6 10.0#





#74

Di-n-butylphthalate

Concen: 3.784 ng

RT: 18.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

Instrument :

BNA_P

ClientSampleId :

COMP-7-BORING-2-14-21

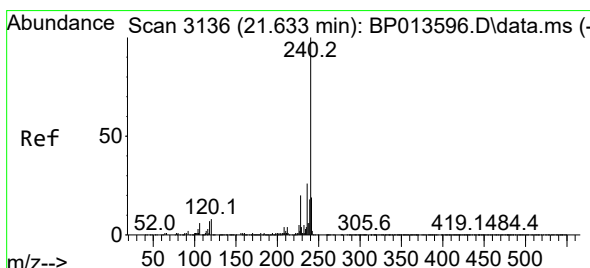
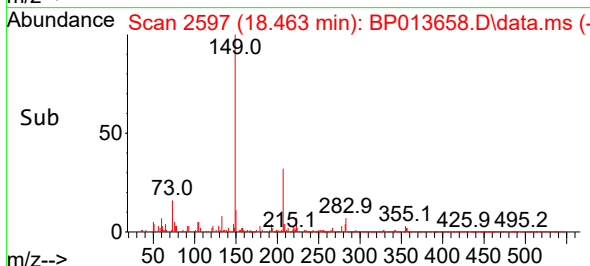
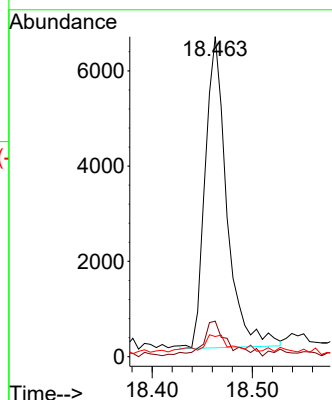
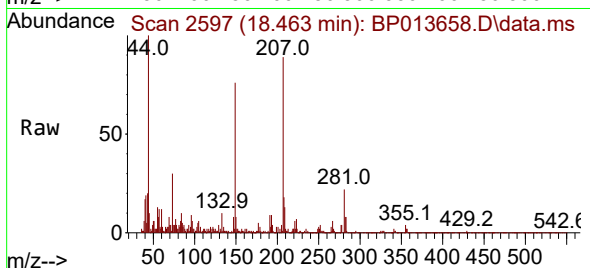
Tgt Ion:149 Resp: 9809

Ion Ratio Lower Upper

149 100

150 11.1 7.6 11.4

104 6.3 4.4 6.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3131

Delta R.T. -0.018 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

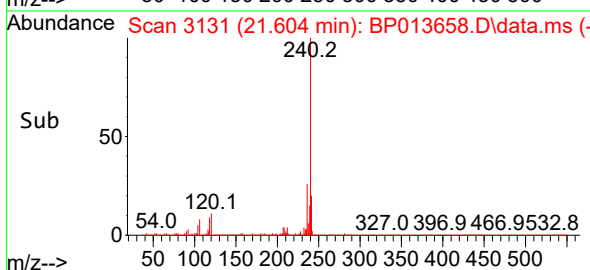
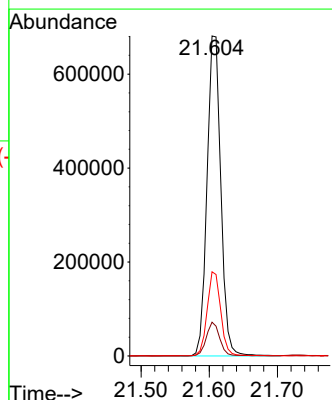
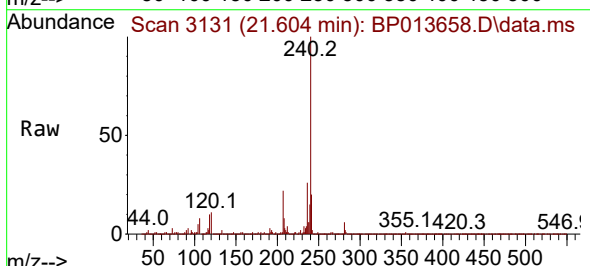
Tgt Ion:240 Resp: 958049

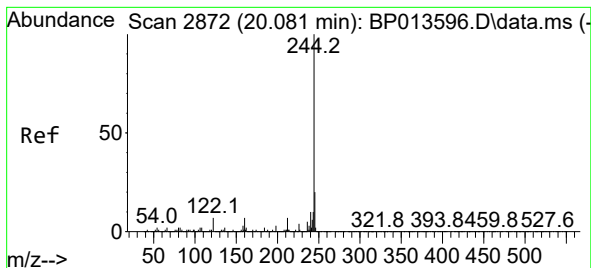
Ion Ratio Lower Upper

240 100

120 10.6 6.7 10.1#

236 26.3 20.7 31.1





#79

Terphenyl-d14

Concen: 94.406 ng

RT: 20.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

Instrument :

BNA_P

ClientSampleId :

COMP-7-BORING-2-14-21

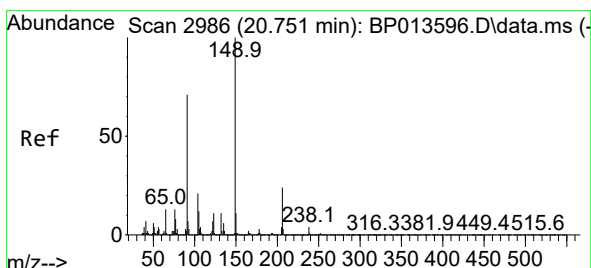
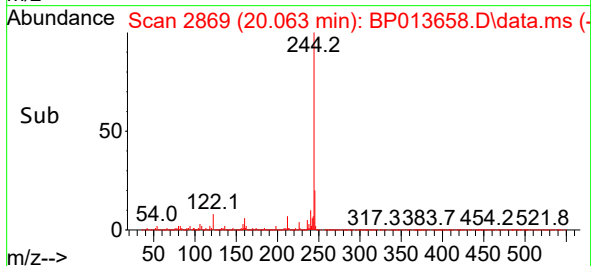
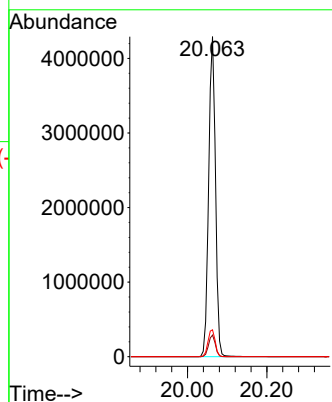
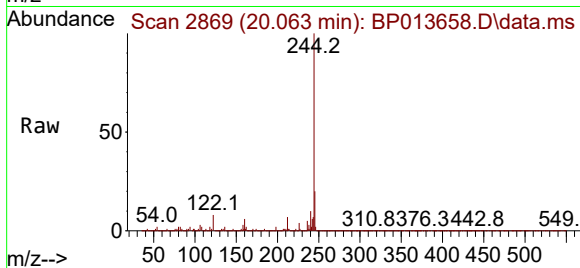
Tgt Ion:244 Resp: 5125453

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 8.4 5.3 7.9#



#80

Butylbenzylphthalate

Concen: 5.867 ng

RT: 20.728 min Scan# 2982

Delta R.T. -0.012 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

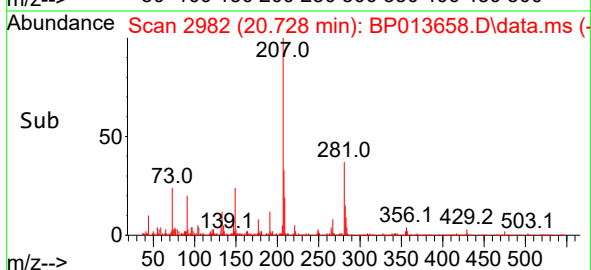
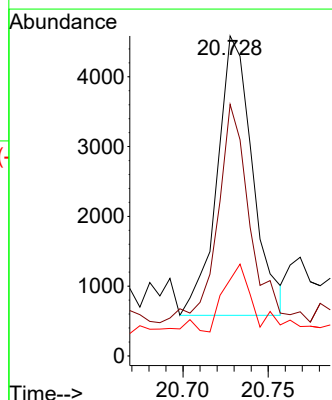
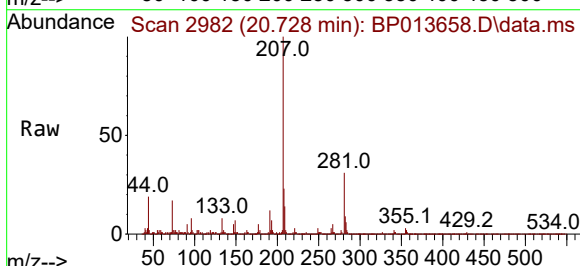
Tgt Ion:149 Resp: 5814

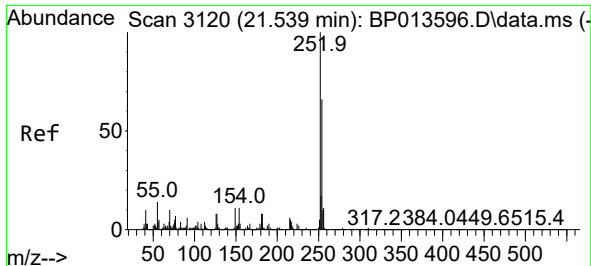
Ion Ratio Lower Upper

149 100

91 78.6 57.0 85.6

206 23.8 19.0 28.6

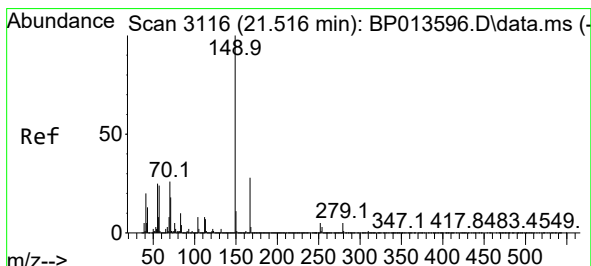
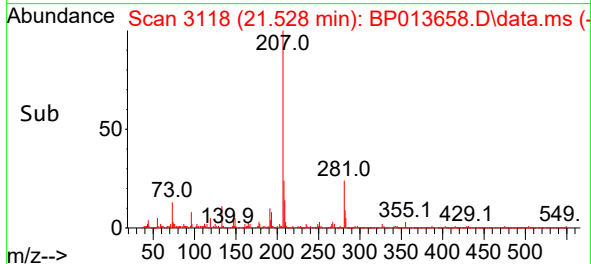
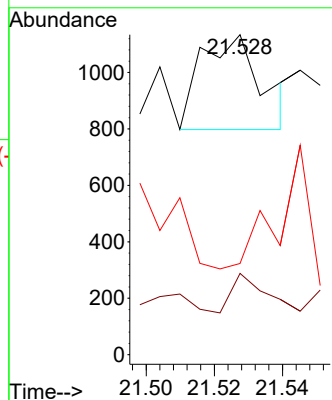
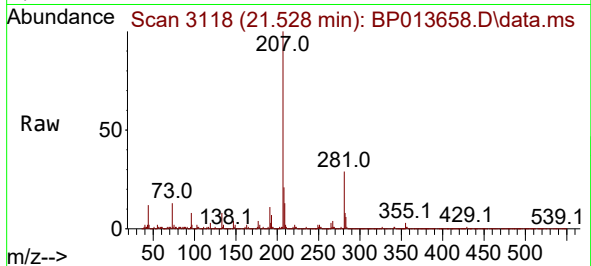




#82
3,3'-Dichlorobenzidine
Concen: 6.375 ng
RT: 21.528 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

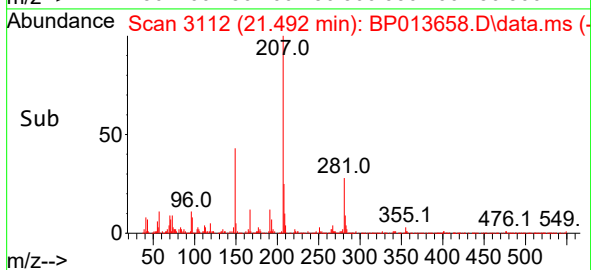
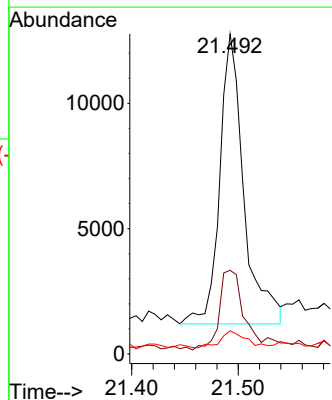
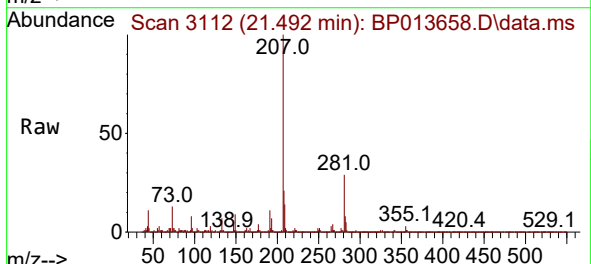
Instrument :
BNA_P
ClientSampleId :
COMP-7-BORING-2-14-21

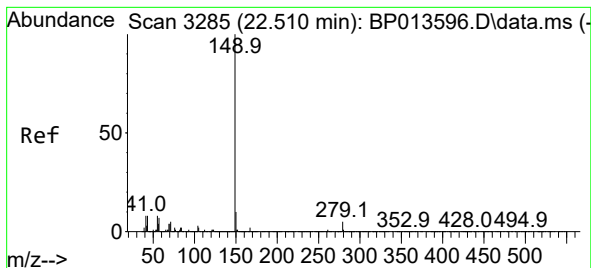
Tgt Ion:252 Resp: 412
Ion Ratio Lower Upper
252 100
254 25.4 52.3 78.5#
126 42.1 6.2 9.4#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.611 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

Tgt Ion:149 Resp: 18196
Ion Ratio Lower Upper
149 100
167 26.1 22.2 33.4
279 7.3 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 3.400 ng

RT: 22.475 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

Instrument :

BNA_P

ClientSampleId :

COMP-7-BORING-2-14-21

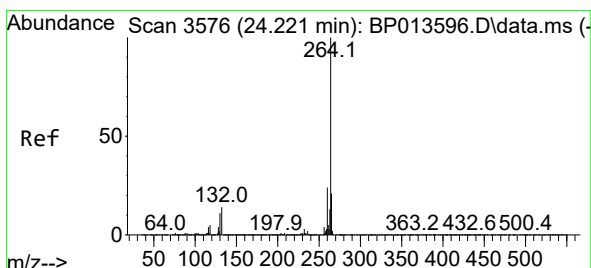
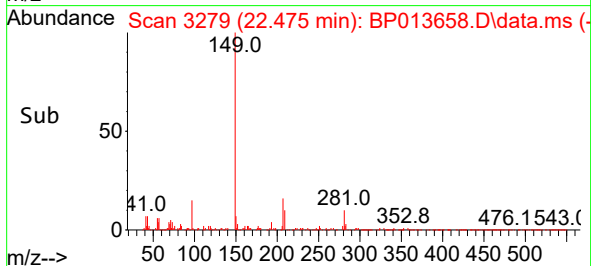
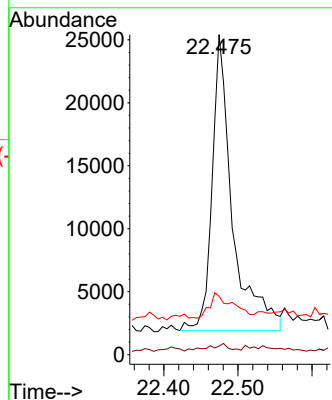
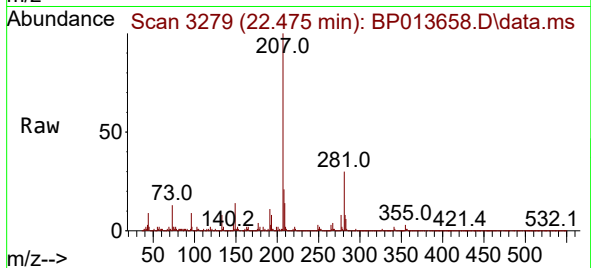
Tgt Ion:149 Resp: 45052

Ion Ratio Lower Upper

149 100

167 2.2 1.3 1.9#

43 9.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3569

Delta R.T. -0.023 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

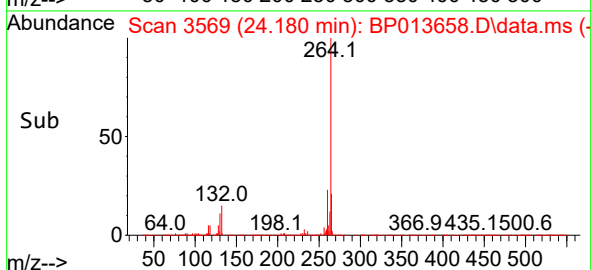
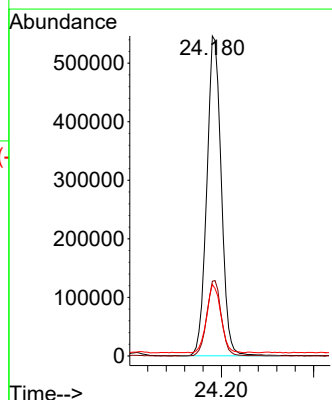
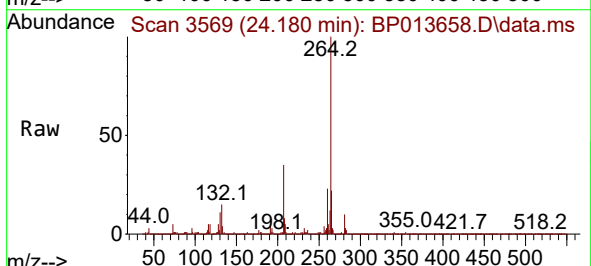
Tgt Ion:264 Resp: 1196284

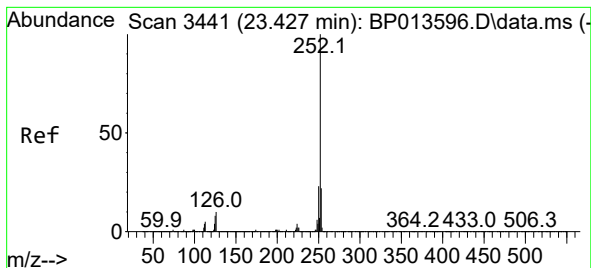
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 22.4 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 2.464 ng

RT: 23.386 min Scan# 3441

Delta R.T. -0.023 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

Instrument :

BNA_P

ClientSampleId :

COMP-7-BORING-2-14-21

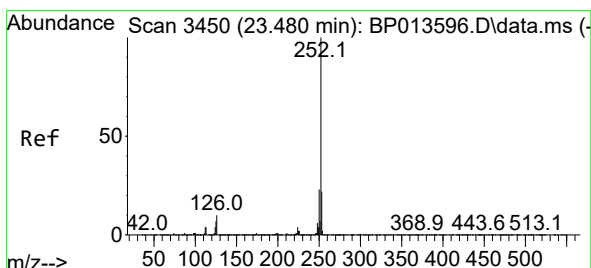
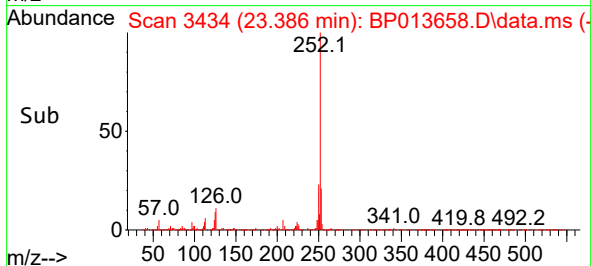
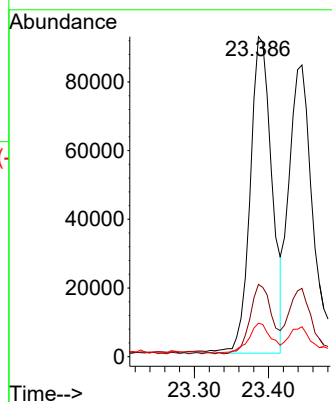
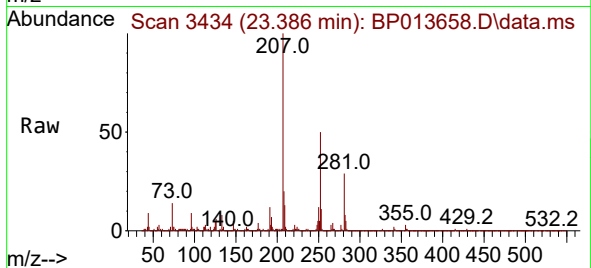
Tgt Ion:252 Resp: 189207

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 10.5 6.2 9.4#



#89

Benzo(k)fluoranthene

Concen: 2.471 ng

RT: 23.445 min Scan# 3444

Delta R.T. -0.018 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

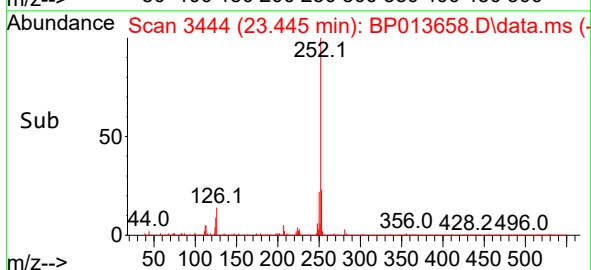
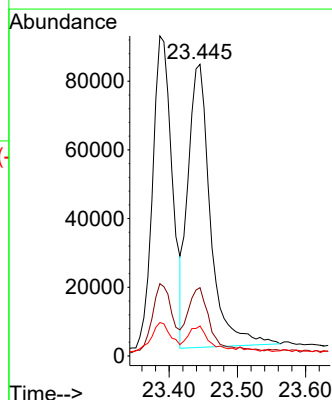
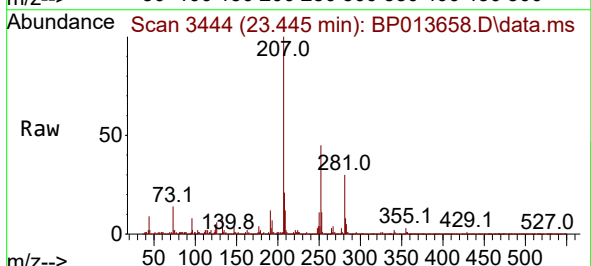
Tgt Ion:252 Resp: 188365

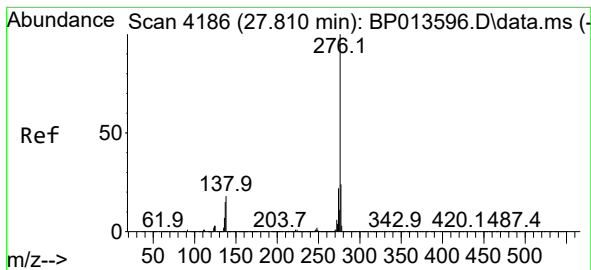
Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

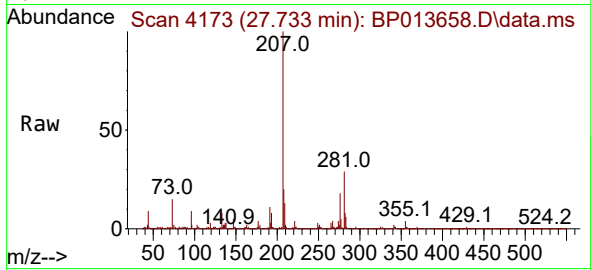
125 10.3 5.9 8.9#





#92
Benzo(g,h,i)perylene
Concen: 2.036 ng
RT: 27.733 min Scan# 41
Delta R.T. -0.053 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

Instrument :
BNA_P
ClientSampleId :
COMP-7-BORING-2-14-21



Tgt Ion:276 Resp: 140268
Ion Ratio Lower Upper
276 100
277 30.1 18.9 28.3#
138 18.9 14.3 21.5

