

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)

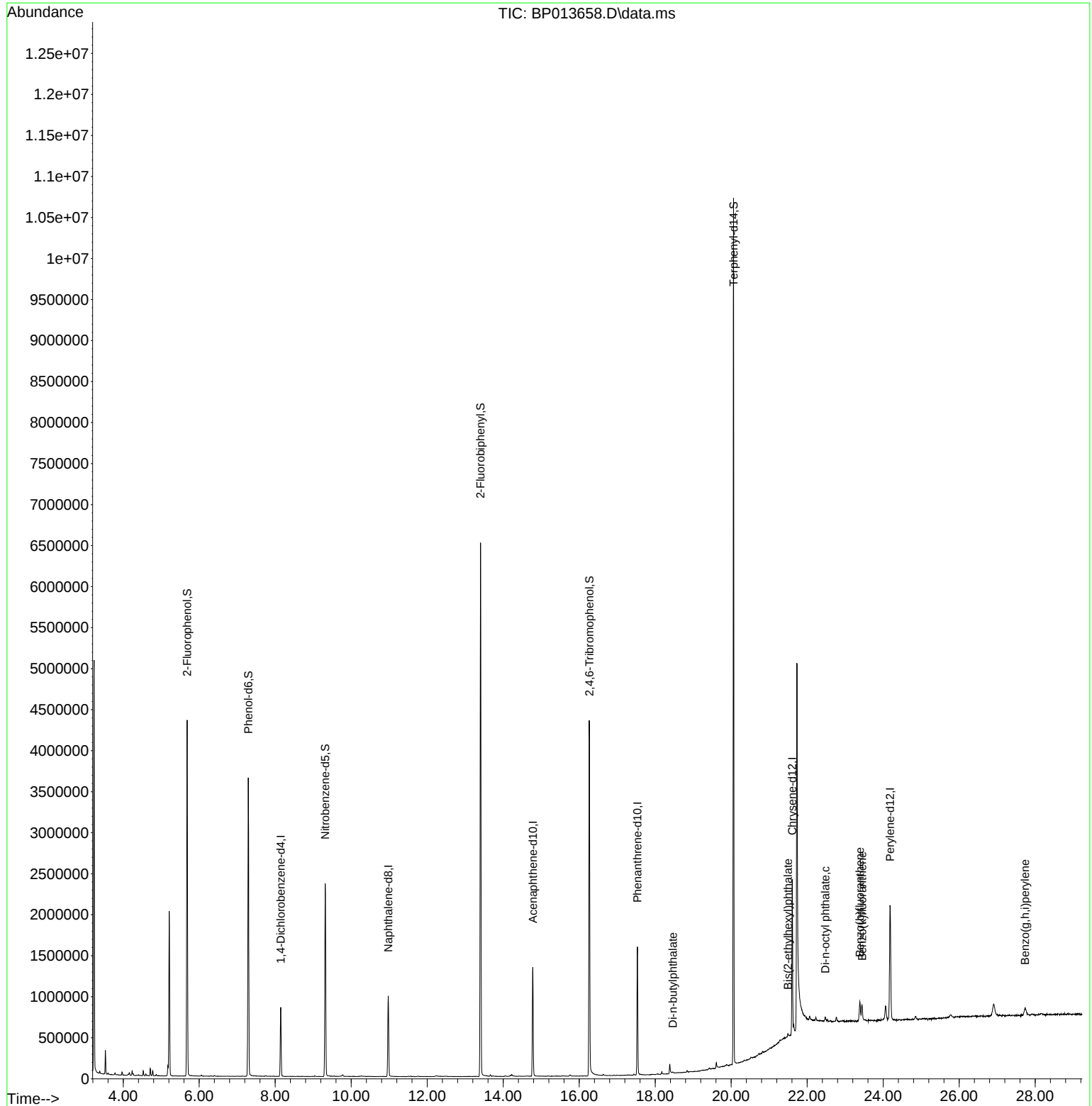
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	235150	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	843971	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	484844	20.000	ng	0.00
64) Phenanthrene-d10	17.534	188	996872	20.000	ng	# 0.00
76) Chrysene-d12	21.604	240	958049	20.000	ng	#-0.02
86) 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
74) Di-n-butylphthalate	18.463	149	9809	3.784	ng	96
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

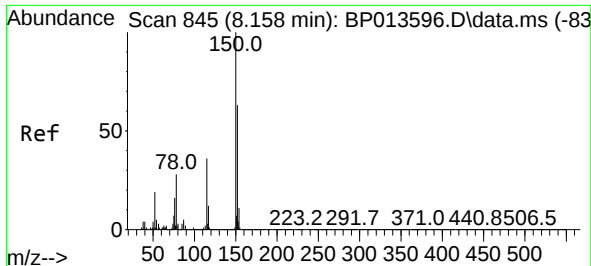
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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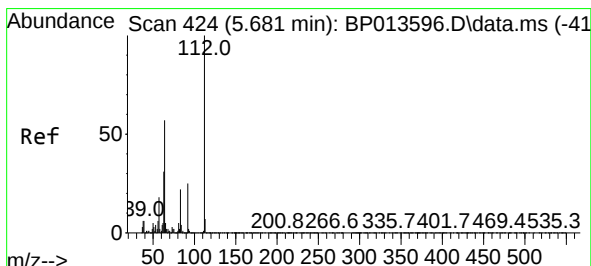
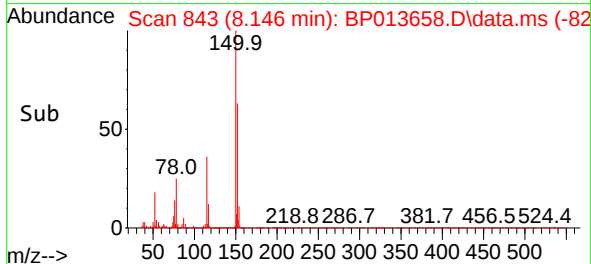
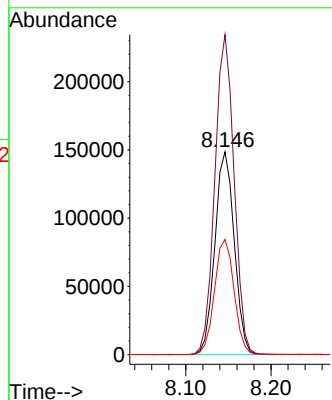
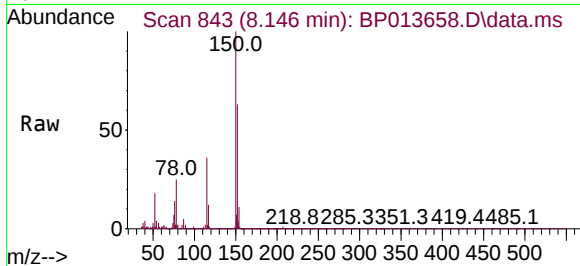




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

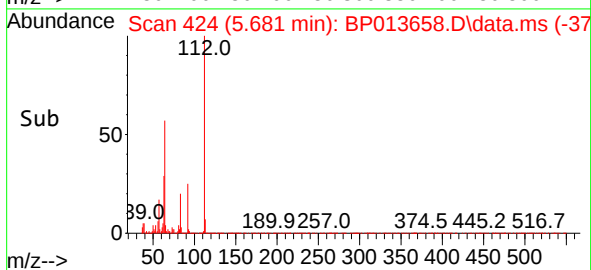
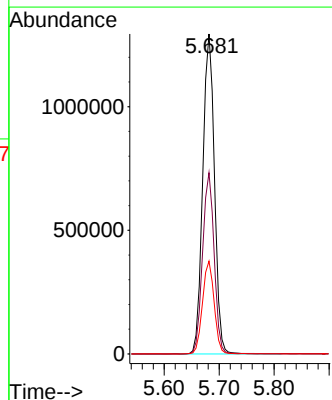
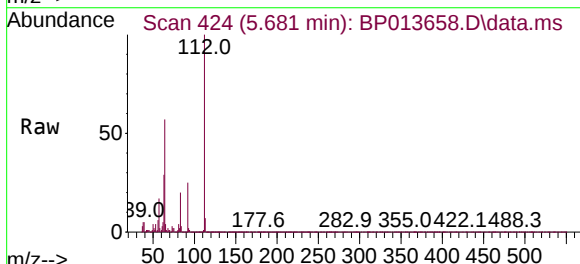
Instrument :
BNA_P
ClientSampleId :
COMP-7-BORING-2-14-21

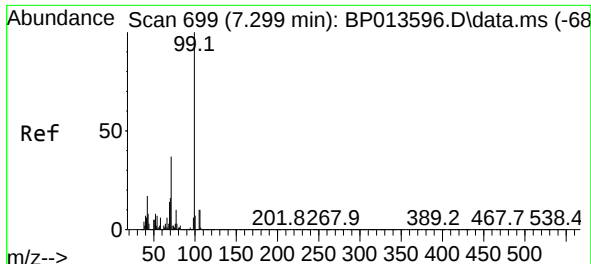
Tgt Ion:152 Resp: 235150
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 56.8 45.1 67.7



#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



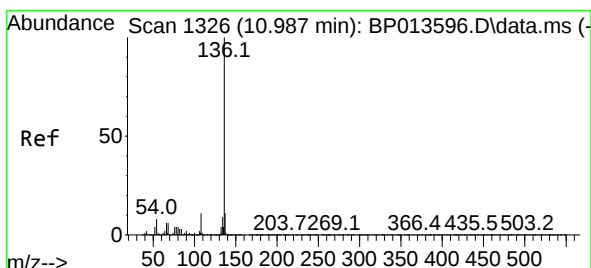
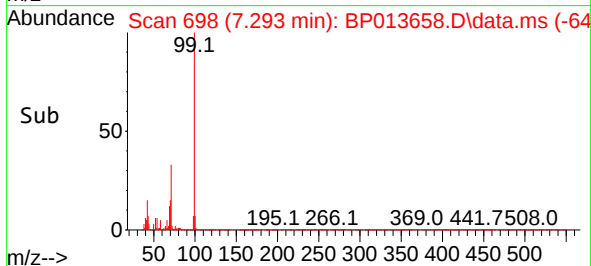
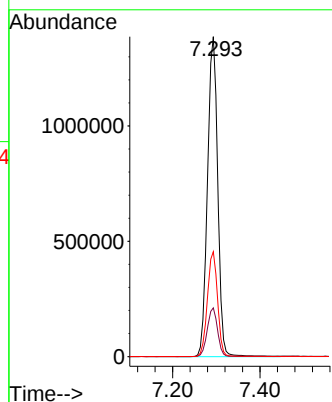
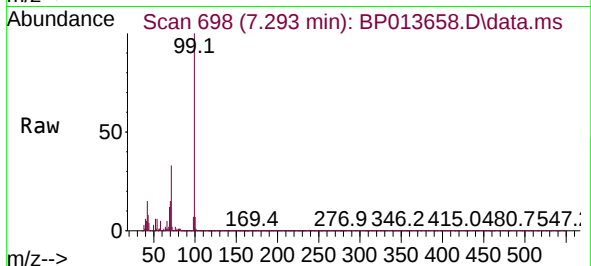


#7
Phenol-d6
Concen: 126.300 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

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

Tgt Ion: 99 Resp: 2238915

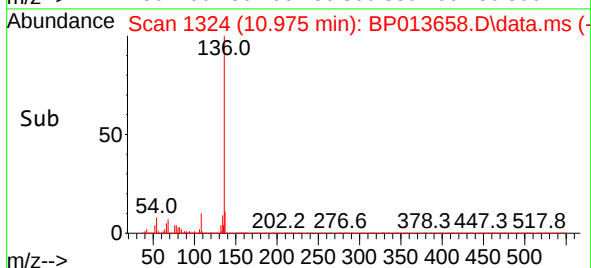
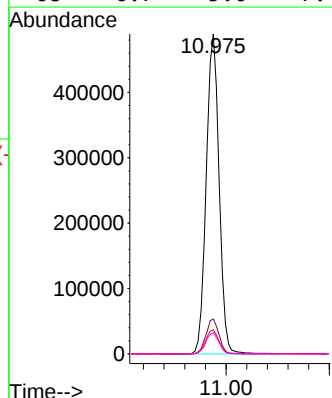
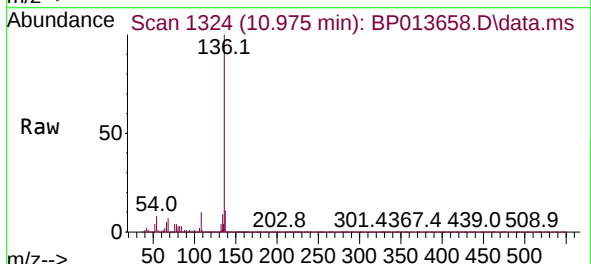
Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.4	20.2
71	32.8	29.9	44.9

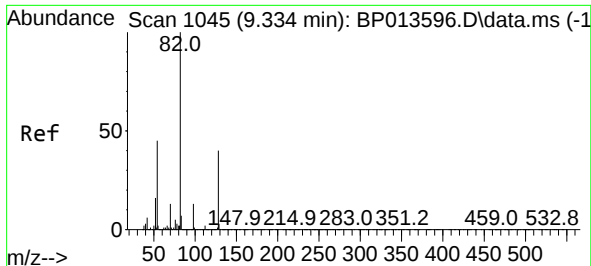


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

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

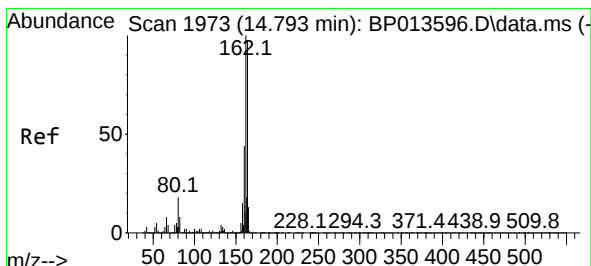
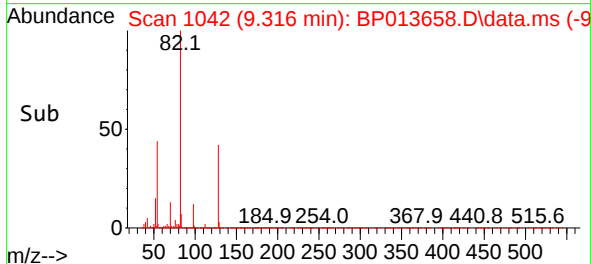
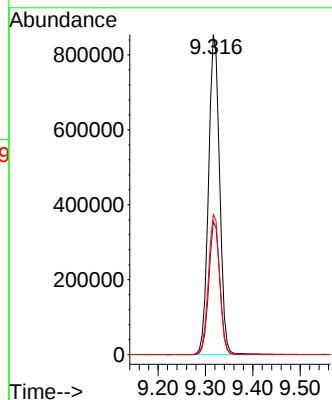
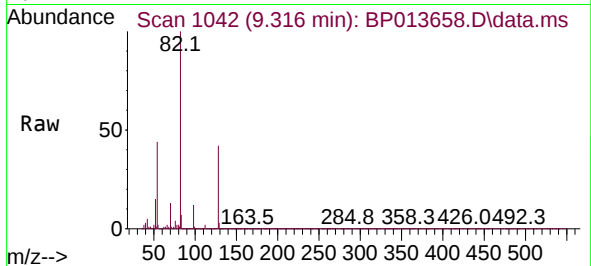




#23
Nitrobenzene-d5
Concen: 90.470 ng
RT: 9.316 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

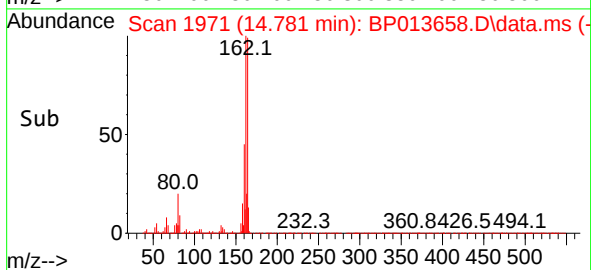
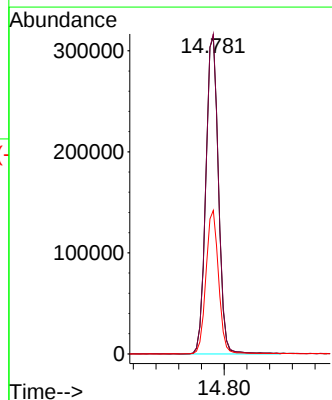
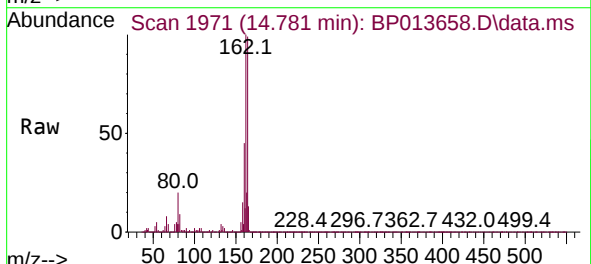
Instrument :
BNA_P
ClientSampleId :
COMP-7-BORING-2-14-21

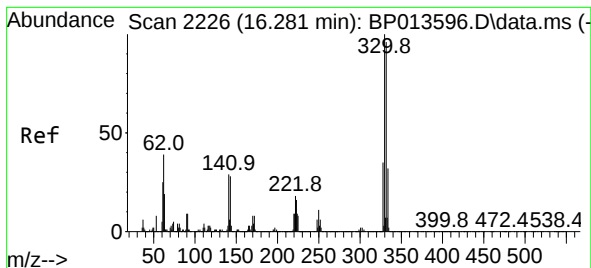
Tgt Ion: 82 Resp: 1389584
Ion Ratio Lower Upper
82 100
128 41.5 31.8 47.8
54 43.8 36.2 54.2



#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

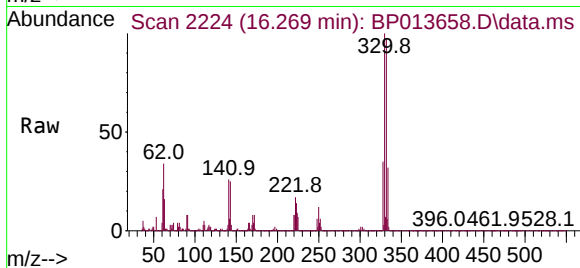
Acq: 30 Jan 2023 22:36

Instrument :

BNA_P

ClientSampleId :

COMP-7-BORING-2-14-21



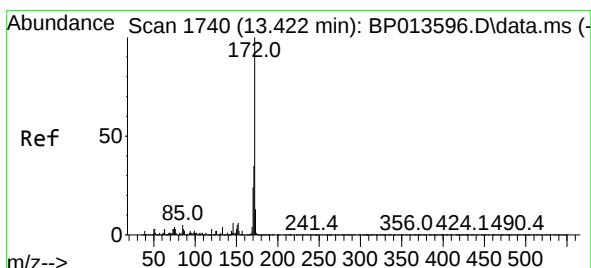
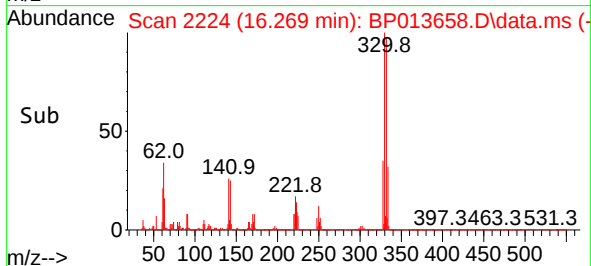
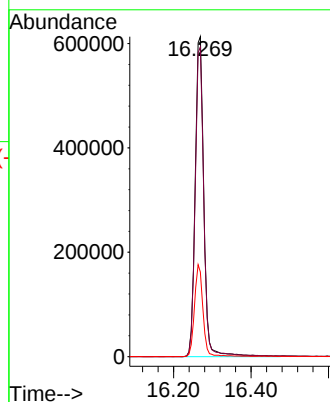
Tgt Ion:330 Resp: 950499

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

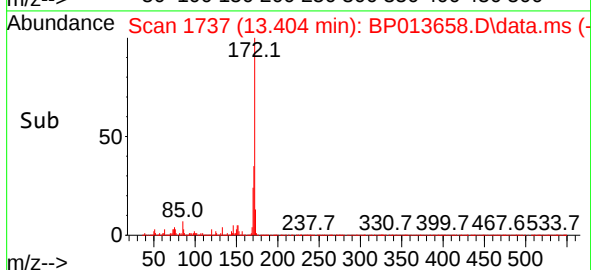
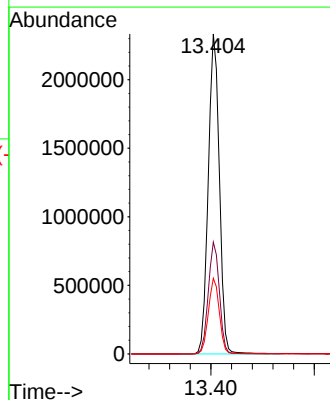
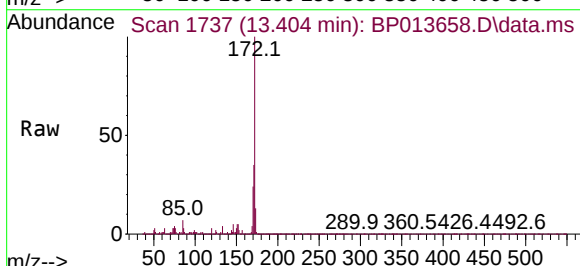
Tgt Ion:172 Resp: 3479848

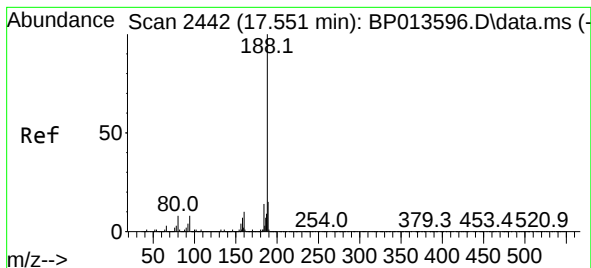
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.534 min Scan# 24

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

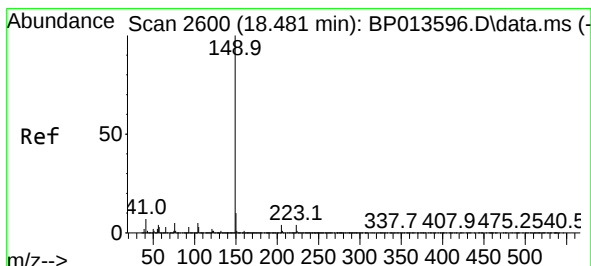
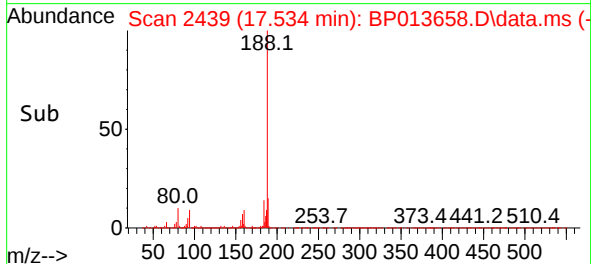
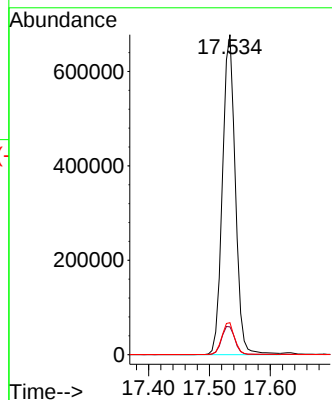
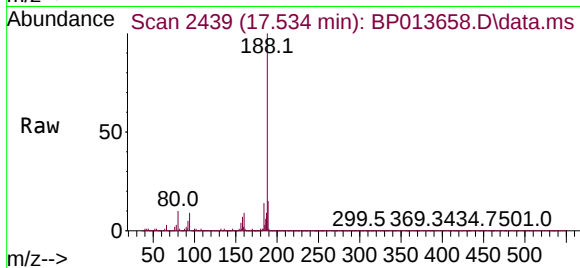
Tgt Ion:188 Resp: 996872

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# 2597

Delta R.T. -0.006 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

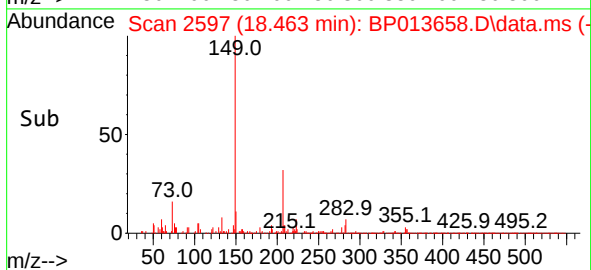
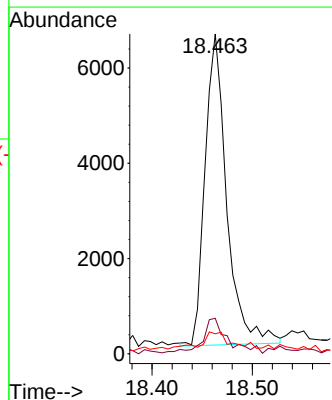
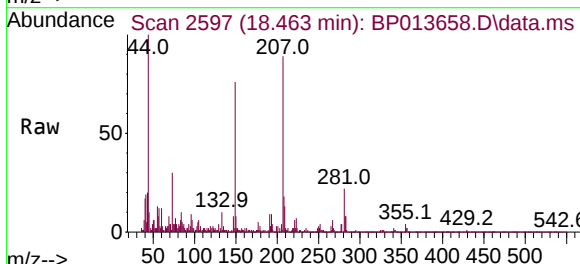
Tgt Ion:149 Resp: 9809

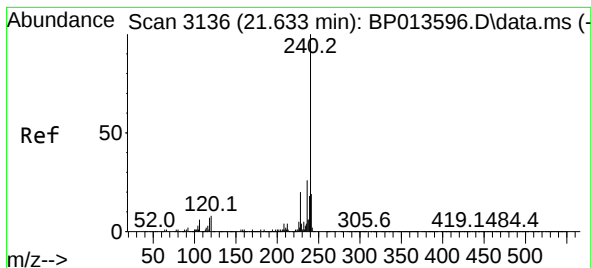
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.018 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

Instrument :

BNA_P

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COMP-7-BORING-2-14-21

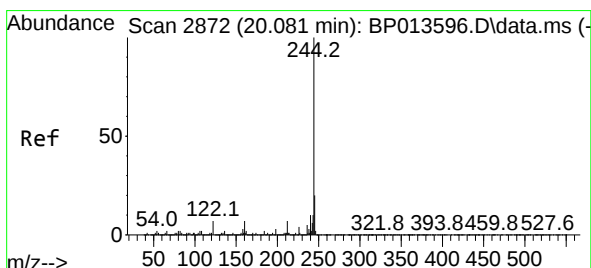
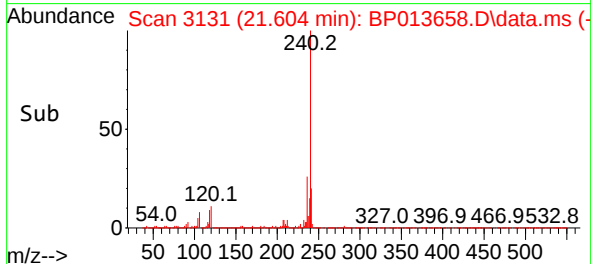
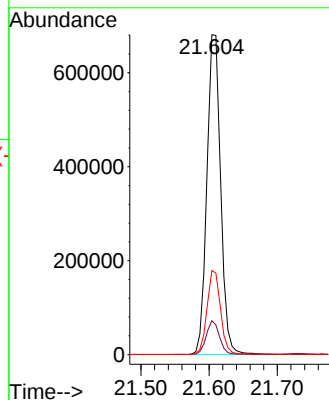
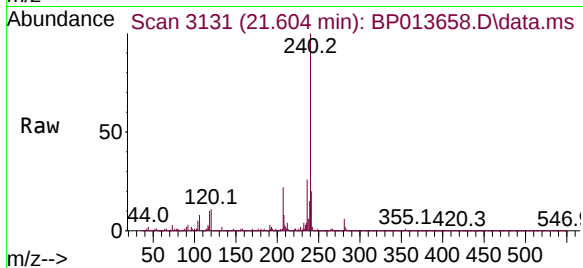
Tgt Ion:240 Resp: 958049

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# 2869

Delta R.T. -0.006 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

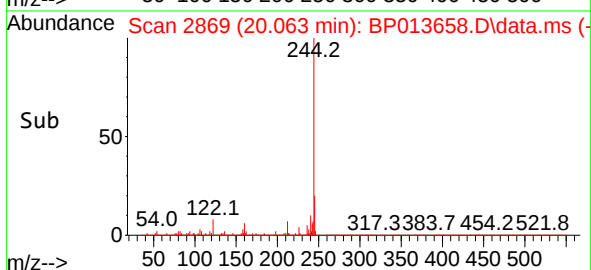
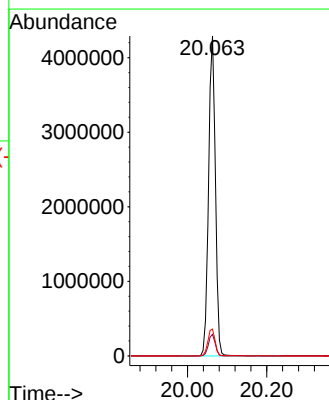
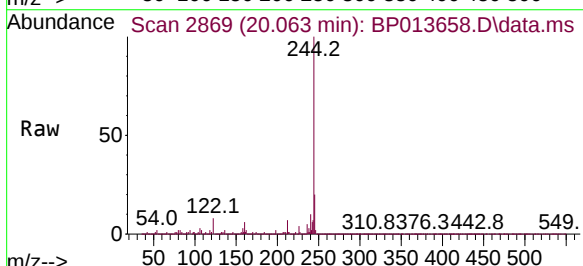
Tgt Ion:244 Resp: 5125453

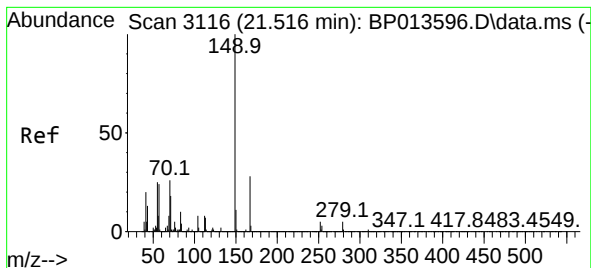
Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 8.4 5.3 7.9#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.611 ng

RT: 21.492 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

Instrument :

BNA_P

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COMP-7-BORING-2-14-21

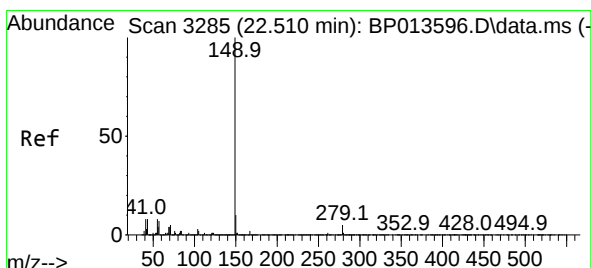
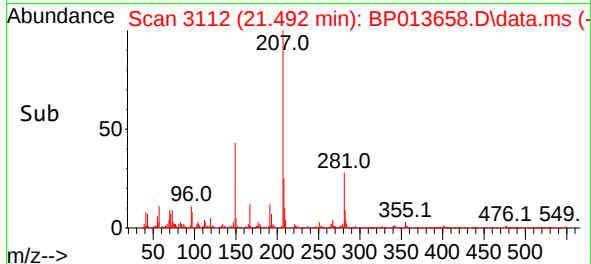
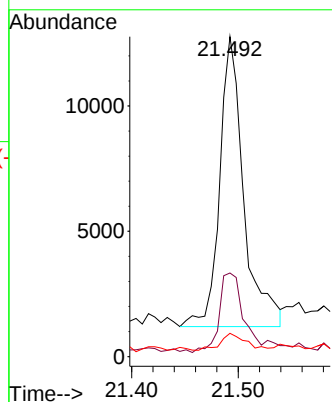
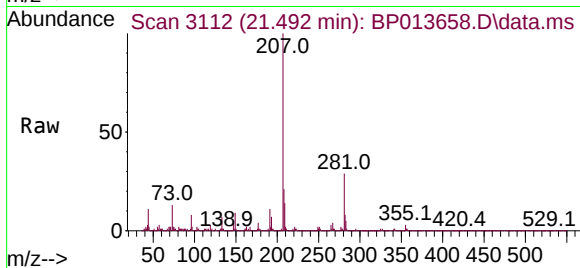
Tgt Ion:149 Resp: 18196

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# 3279

Delta R.T. -0.018 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

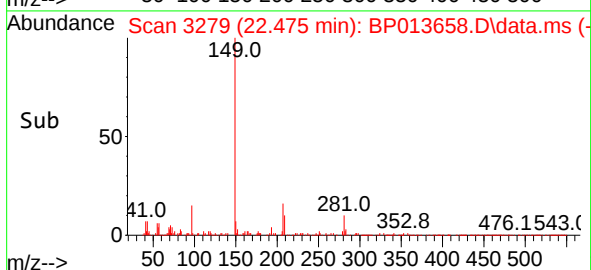
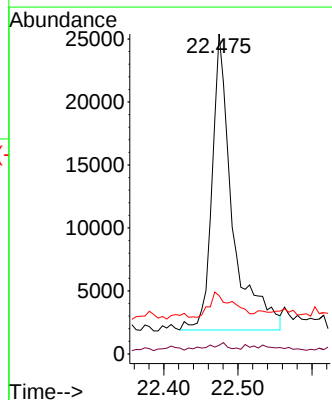
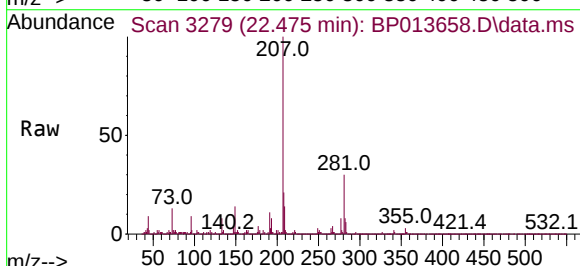
Tgt Ion:149 Resp: 45052

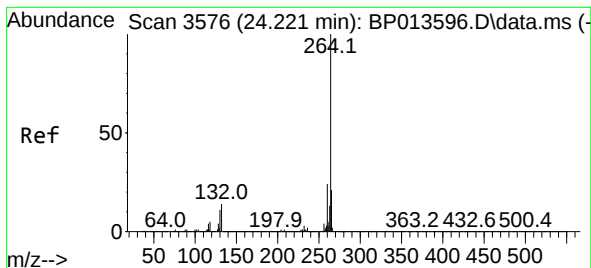
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.023 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

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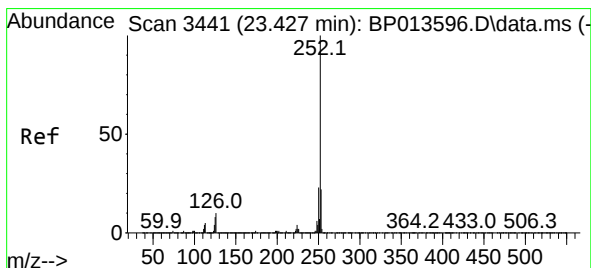
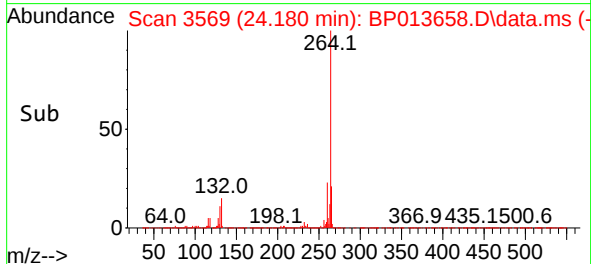
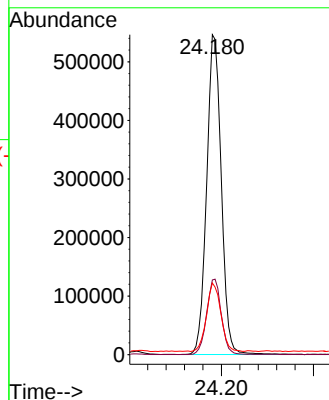
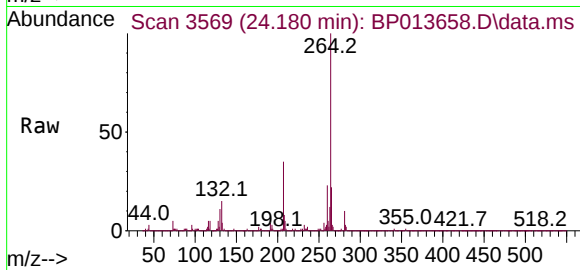
Tgt Ion:264 Resp: 1196284

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# 3434

Delta R.T. -0.023 min

Lab File: BP013658.D

Acq: 30 Jan 2023 22:36

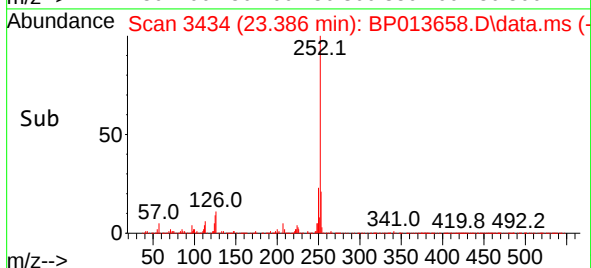
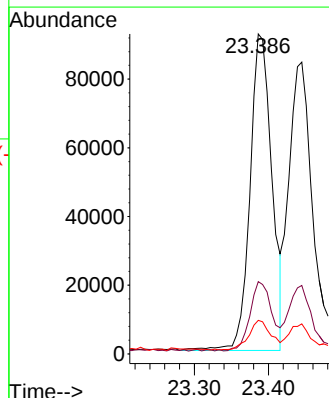
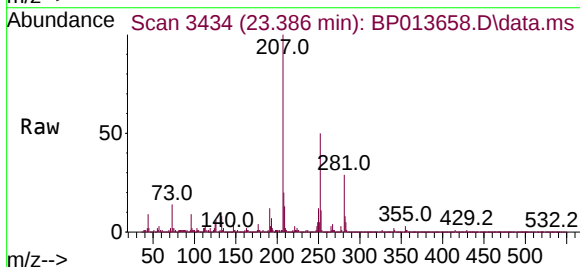
Tgt Ion:252 Resp: 189207

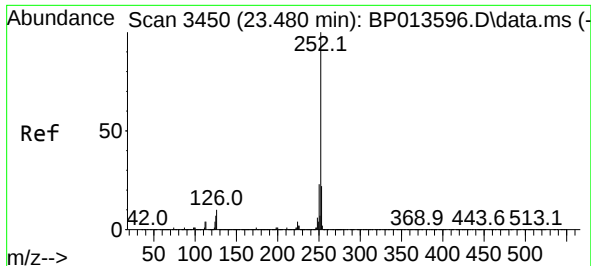
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 10.5 6.2 9.4#

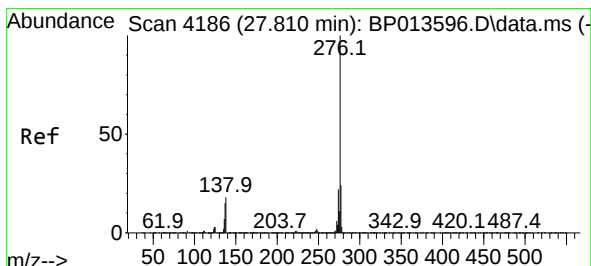
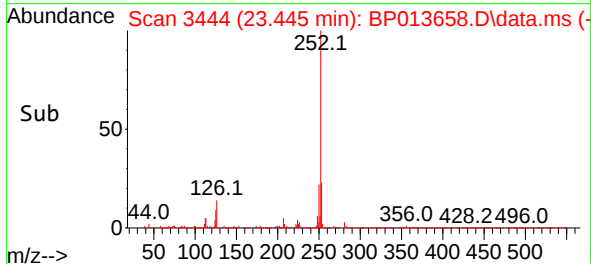
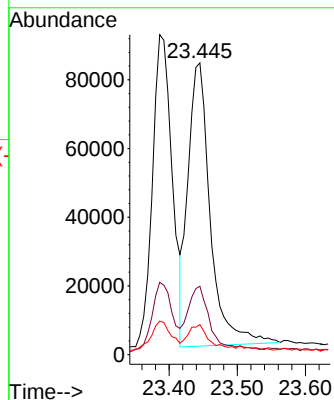
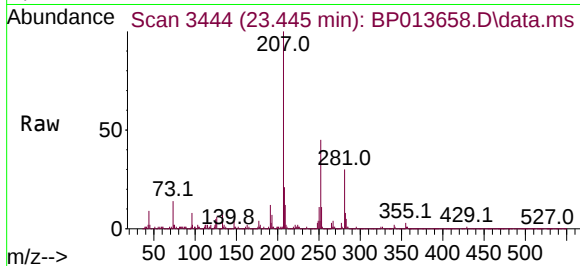




#89
Benzo(k)fluoranthene
Concen: 2.471 ng
RT: 23.445 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

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

Tgt Ion: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# 4173
Delta R.T. -0.053 min
Lab File: BP013658.D
Acq: 30 Jan 2023 22:36

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

