

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
 Data File : BP013662.D
 Acq On : 31 Jan 2023 00:53
 Operator : CG/JU
 Sample : 01329-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 31 04:46:14 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)

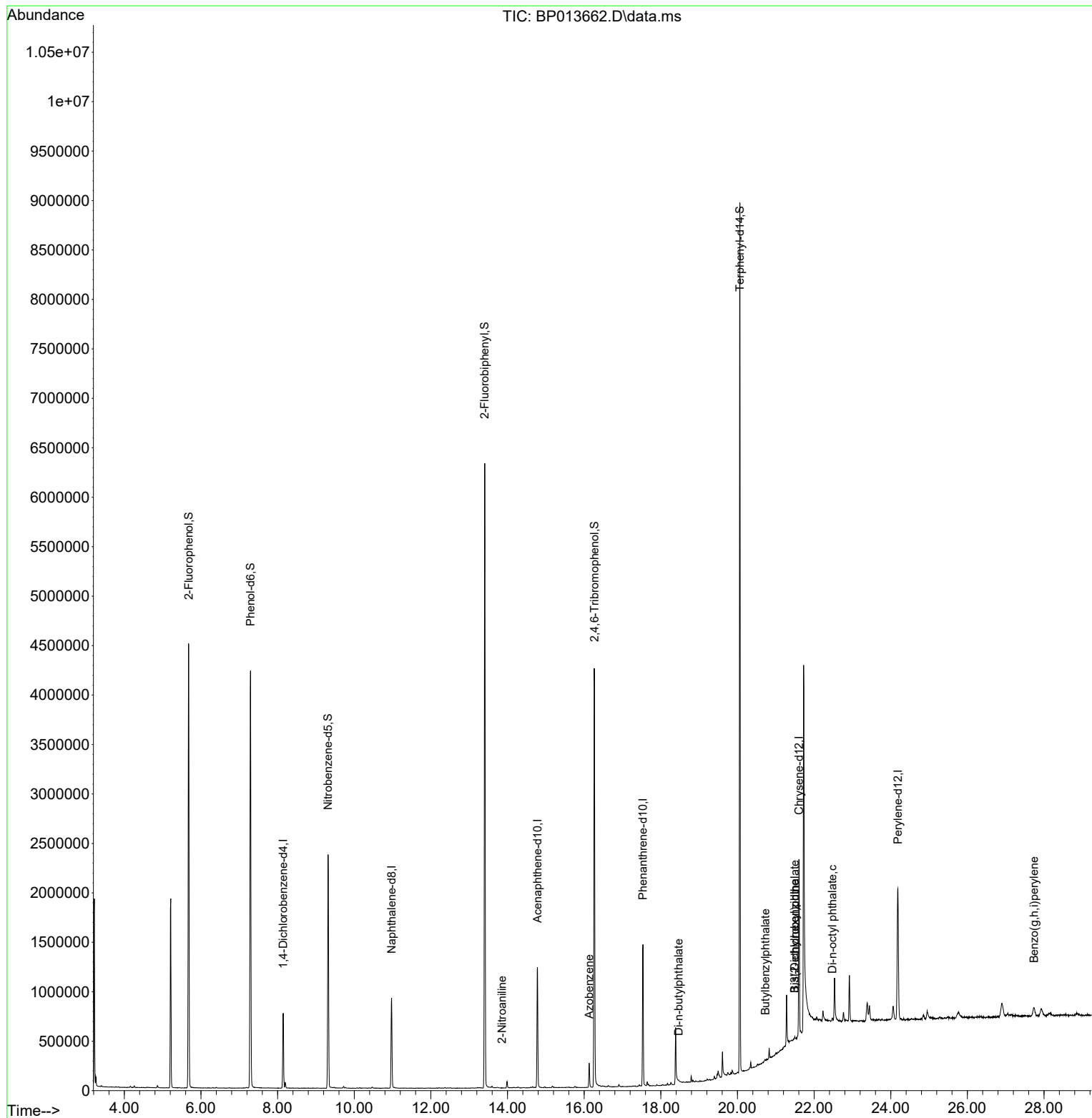
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	214763	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	779370	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	439527	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	905550	20.000	ng	# 0.00
76) Chrysene-d12	21.604	240	884806	20.000	ng	#-0.02
86) Perylene-d12	24.186	264	1147371	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	2054949	171.463	ng	0.00
7) Phenol-d6	7.293	99	2620770	161.875	ng	0.00
23) Nitrobenzene-d5	9.316	82	1377710	97.132	ng	-0.01
42) 2,4,6-Tribromophenol	16.269	330	922506	137.857	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	3317838	107.811	ng	0.00
79) Terphenyl-d14	20.063	244	4332551	86.407	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	13.857	65	144	3.941	ng	# 55
63) Azobenzene	16.128	77	74978	2.360	ng	# 1
74) Di-n-butylphthalate	18.463	149	5308	3.697	ng	99
80) Butylbenzylphthalate	20.727	149	2936	5.638	ng	# 93
82) 3,3'-Dichlorobenzidine	21.492	252	146	6.362	ng	# 38
84) Bis(2-ethylhexyl)phtha...	21.492	149	11644	4.212	ng	# 91
85) Di-n-octyl phthalate	22.474	149	24735	2.137	ng	# 92
92) Benzo(g,h,i)perylene	27.739	276	139805	2.115	ng	96

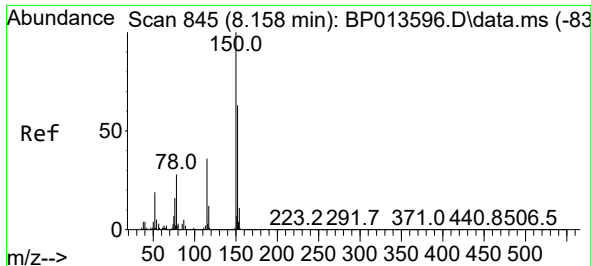
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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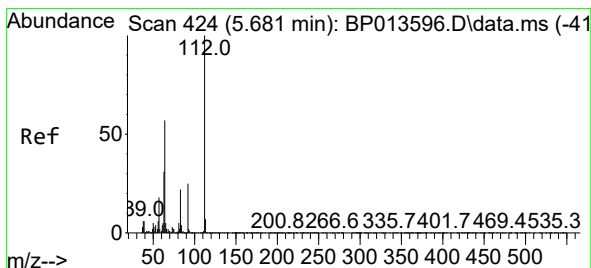
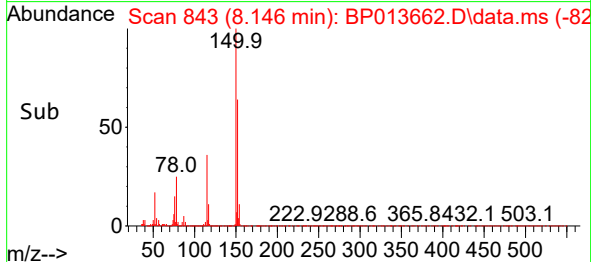
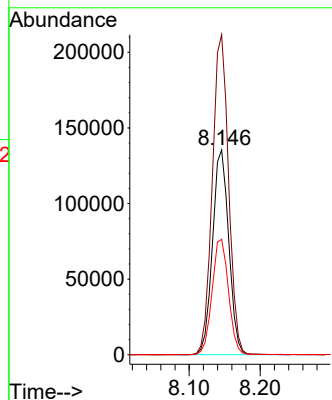
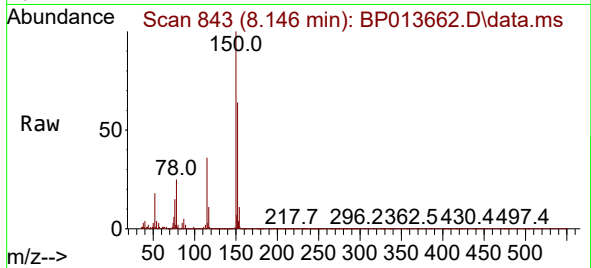




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013662.D
Acq: 31 Jan 2023 00:53

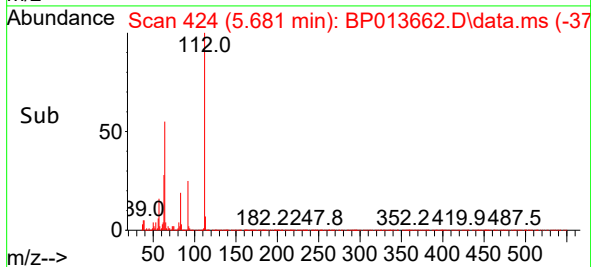
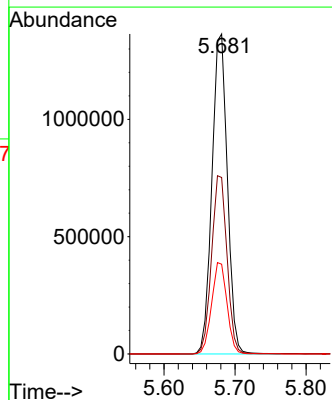
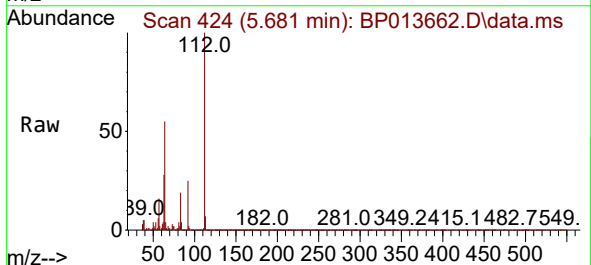
Instrument :
BNA_P
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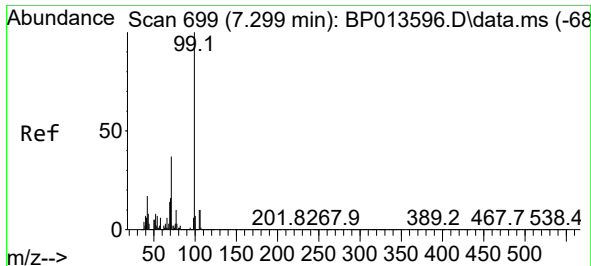
Tgt Ion:152 Resp: 214763
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 56.3 45.1 67.7



#5
2-Fluorophenol
Concen: 171.463 ng
RT: 5.681 min Scan# 424
Delta R.T. -0.000 min
Lab File: BP013662.D
Acq: 31 Jan 2023 00:53

Tgt Ion:112 Resp: 2054949
Ion Ratio Lower Upper
112 100
64 55.2 45.5 68.3
63 28.1 25.1 37.7

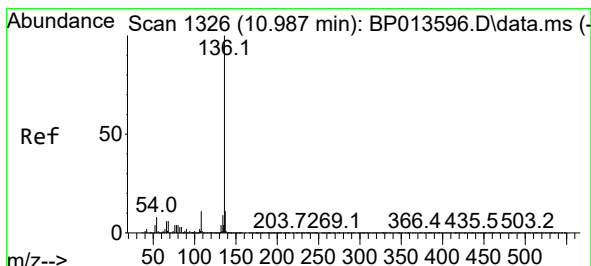
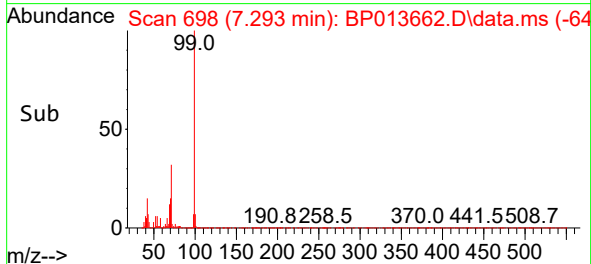
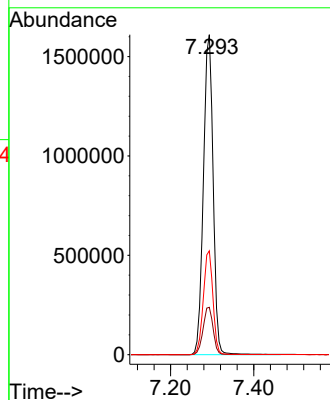
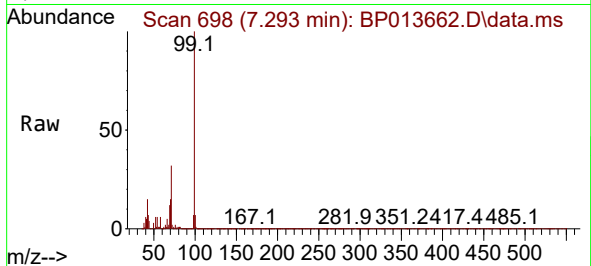




#7
Phenol-d6
Concen: 161.875 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013662.D
Acq: 31 Jan 2023 00:53

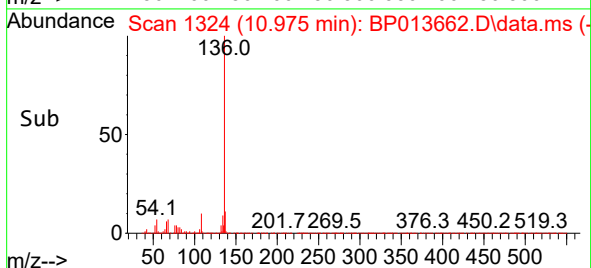
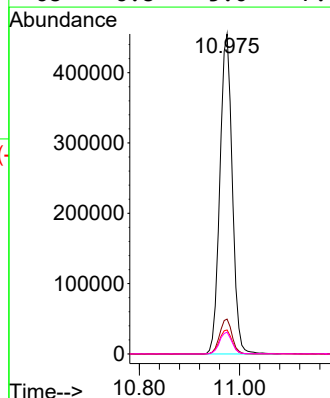
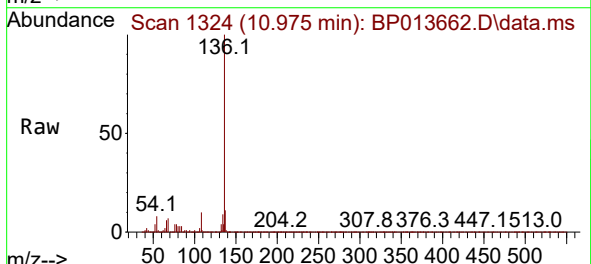
Instrument :
BNA_P
ClientSampleId :
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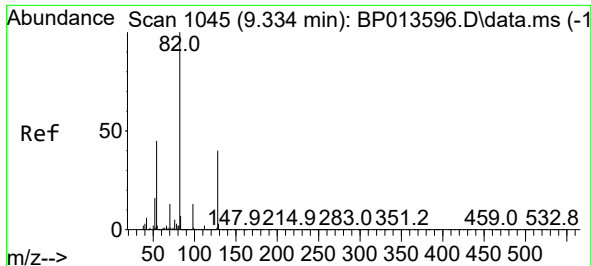
Tgt Ion: 99 Resp: 2620770
Ion Ratio Lower Upper
99 100
42 14.8 13.4 20.2
71 32.4 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013662.D
Acq: 31 Jan 2023 00:53

Tgt Ion: 136 Resp: 779370
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.5 6.1 9.1
68 6.8 5.0 7.4

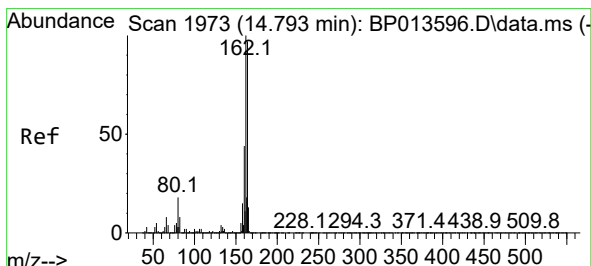
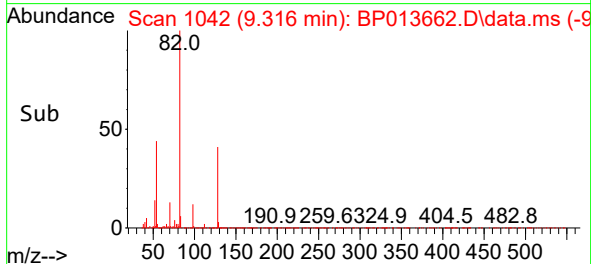
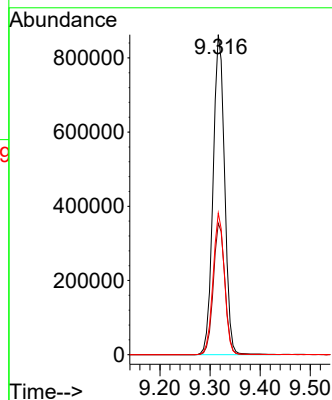
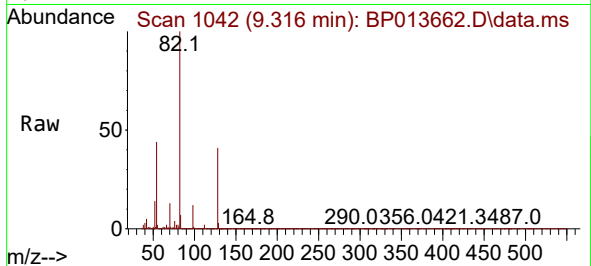




#23
Nitrobenzene-d5
Concen: 97.132 ng
RT: 9.316 min Scan# 1042
Delta R.T. -0.012 min
Lab File: BP013662.D
Acq: 31 Jan 2023 00:53

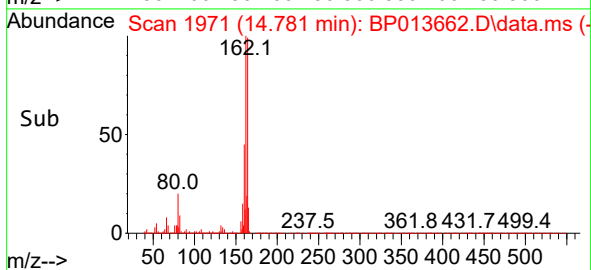
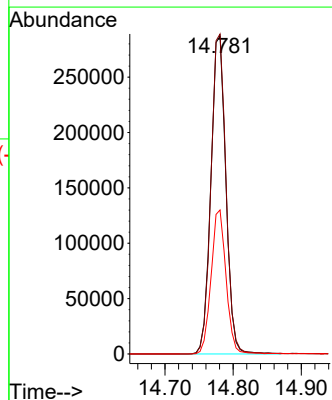
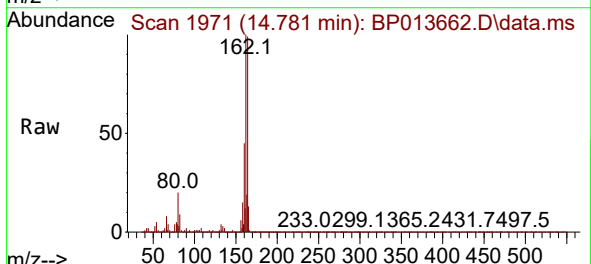
Instrument :
BNA_P
ClientSampleId :
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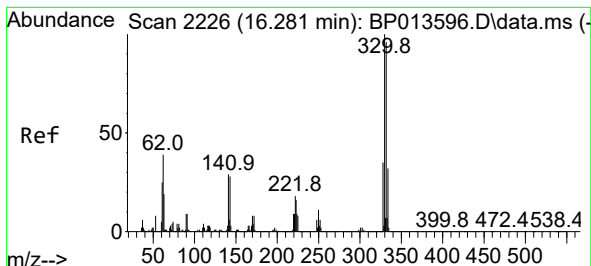
Tgt Ion: 82 Resp: 1377710
Ion Ratio Lower Upper
82 100
128 41.1 31.8 47.8
54 44.2 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP013662.D
Acq: 31 Jan 2023 00:53

Tgt Ion:164 Resp: 439527
Ion Ratio Lower Upper
164 100
162 100.7 82.3 123.5
160 45.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 137.857 ng

RT: 16.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013662.D

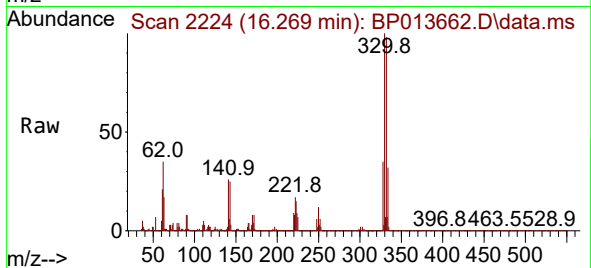
Acq: 31 Jan 2023 00:53

Instrument :

BNA_P

ClientSampleId :

COMP-7-BORING-2-14-21



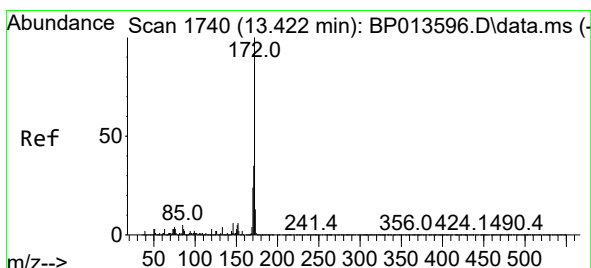
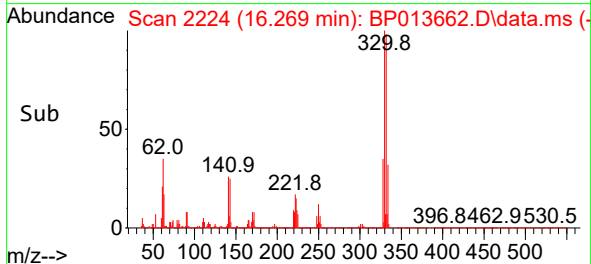
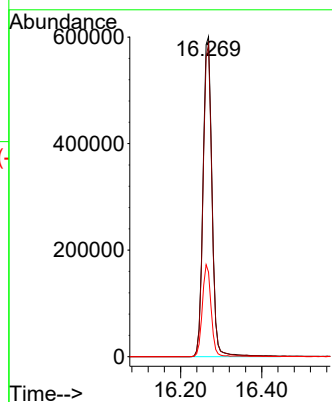
Tgt Ion:330 Resp: 922506

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 28.1 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 107.811 ng

RT: 13.404 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP013662.D

Acq: 31 Jan 2023 00:53

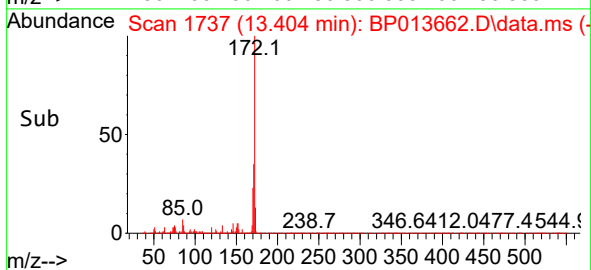
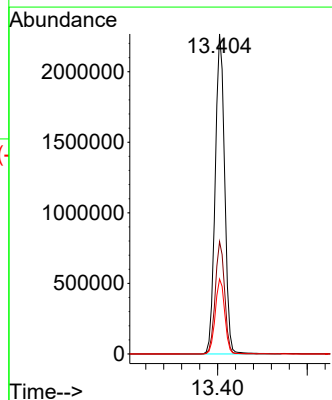
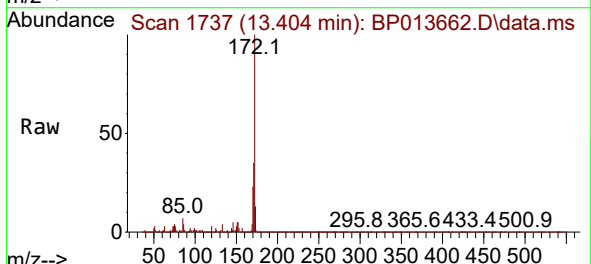
Tgt Ion:172 Resp: 3317838

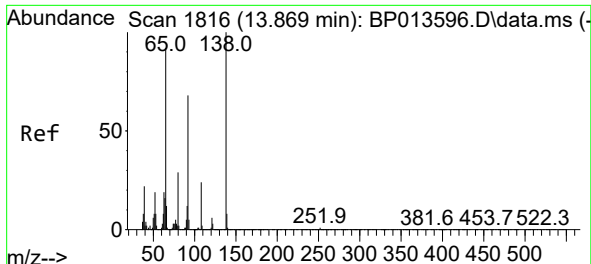
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.4 19.1 28.7

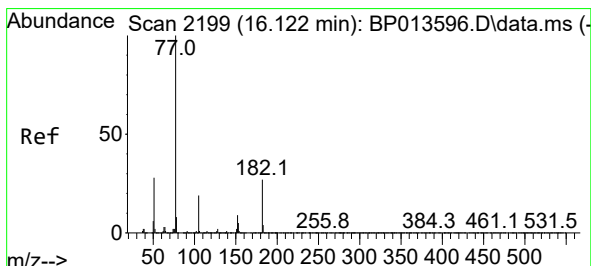
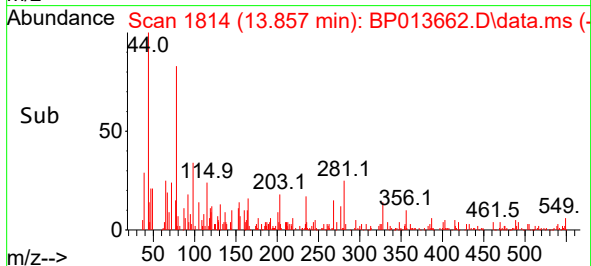
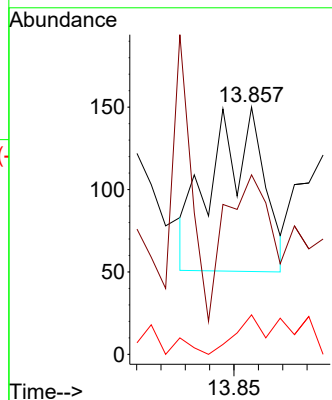
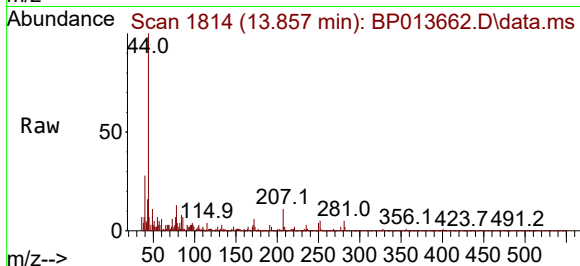




#48
2-Nitroaniline
Concen: 3.941 ng
RT: 13.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP013662.D
Acq: 31 Jan 2023 00:53

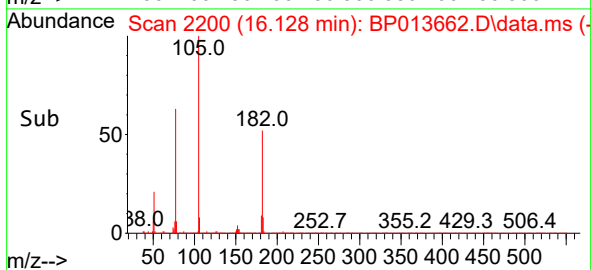
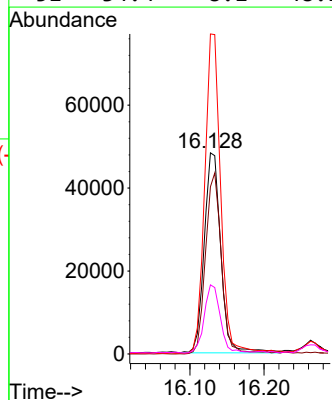
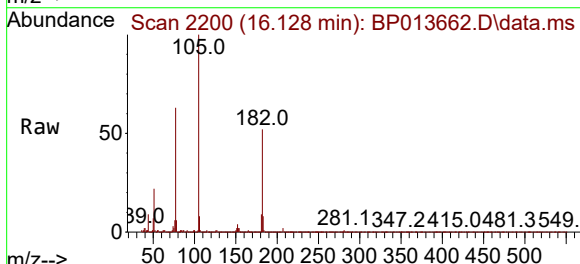
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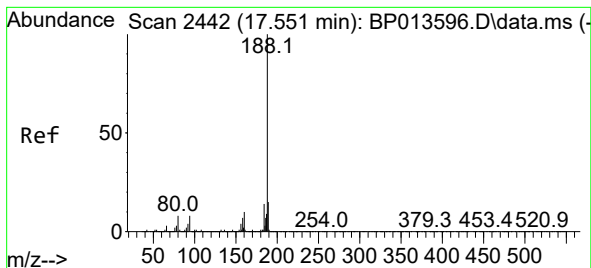
Tgt Ion: 65 Resp: 144
Ion Ratio Lower Upper
65 100
92 72.7 59.5 89.3
138 30.7 87.1 130.7#



#63
Azobenzene
Concen: 2.360 ng
RT: 16.128 min Scan# 2200
Delta R.T. 0.012 min
Lab File: BP013662.D
Acq: 31 Jan 2023 00:53

Tgt Ion: 77 Resp: 74978
Ion Ratio Lower Upper
77 100
182 83.1 7.0 47.0#
105 159.1 0.0 39.2#
51 34.4 8.1 48.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.533 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP013662.D

Acq: 31 Jan 2023 00:53

Instrument :

BNA_P

ClientSampleId :

COMP-7-BORING-2-14-21

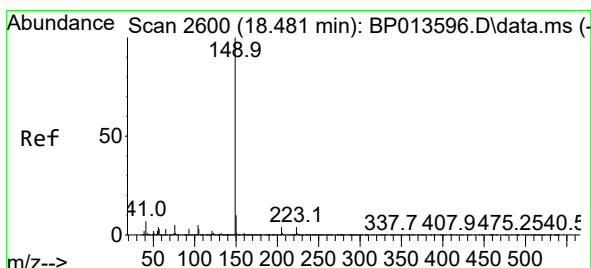
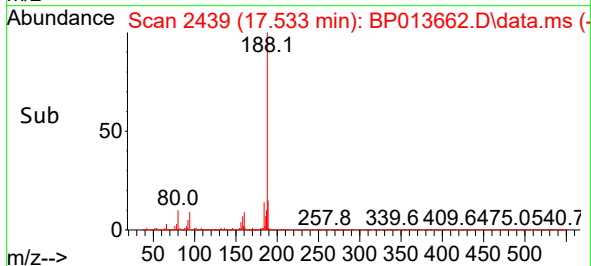
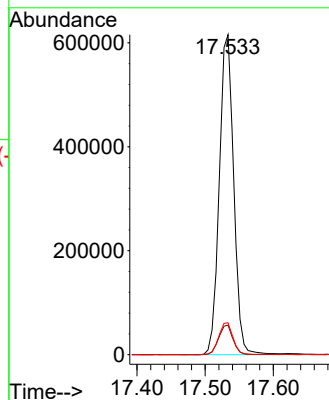
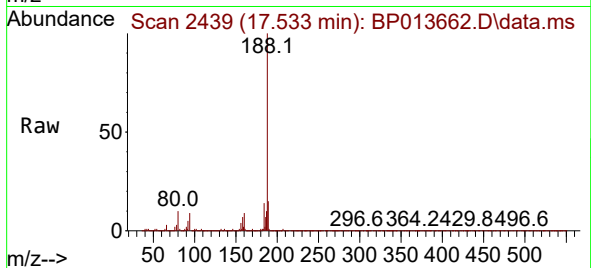
Tgt Ion:188 Resp: 905550

Ion Ratio Lower Upper

188 100

94 9.3 6.1 9.1#

80 9.9 6.6 10.0



#74

Di-n-butylphthalate

Concen: 3.697 ng

RT: 18.463 min Scan# 2597

Delta R.T. -0.006 min

Lab File: BP013662.D

Acq: 31 Jan 2023 00:53

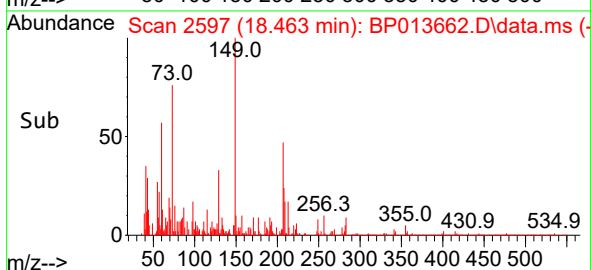
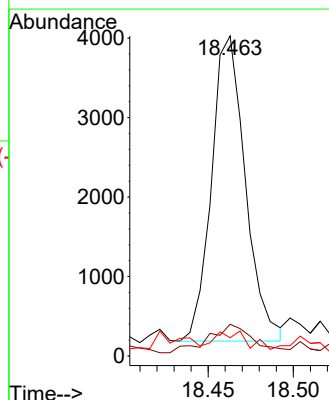
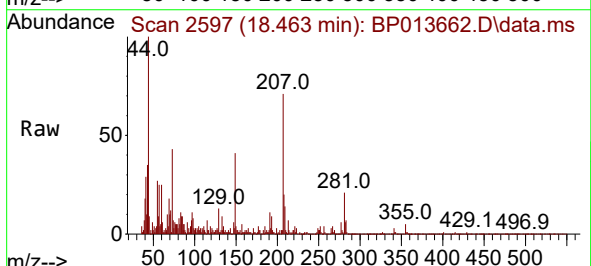
Tgt Ion:149 Resp: 5308

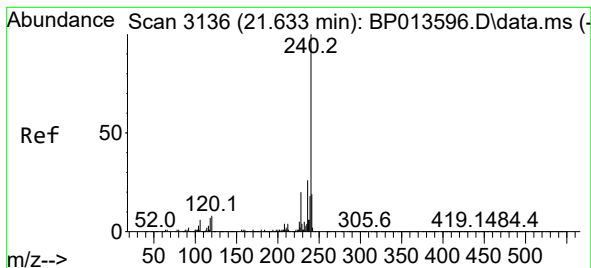
Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

104 5.7 4.4 6.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3136

Delta R.T. -0.018 min

Lab File: BP013662.D

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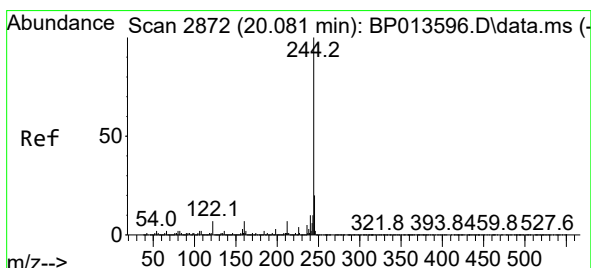
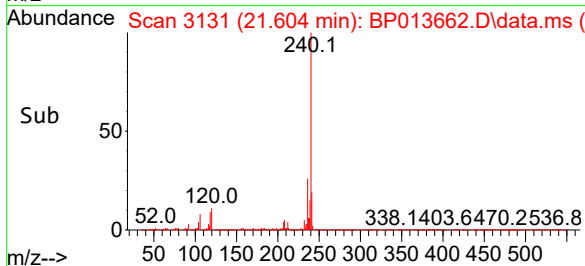
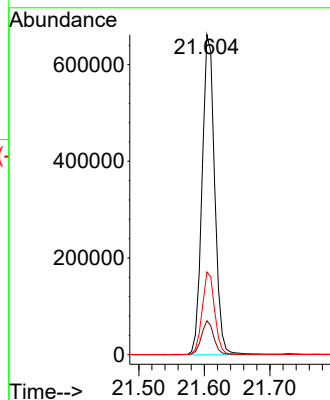
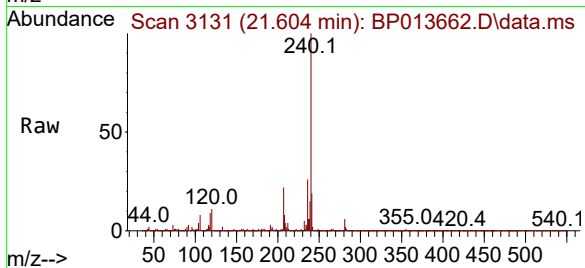
Tgt Ion:240 Resp: 884806

Ion Ratio Lower Upper

240 100

120 10.6 6.7 10.1#

236 25.9 20.7 31.1



#79

Terphenyl-d14

Concen: 86.407 ng

RT: 20.063 min Scan# 2869

Delta R.T. -0.006 min

Lab File: BP013662.D

Acq: 31 Jan 2023 00:53

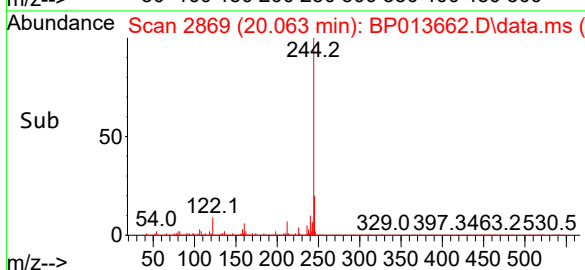
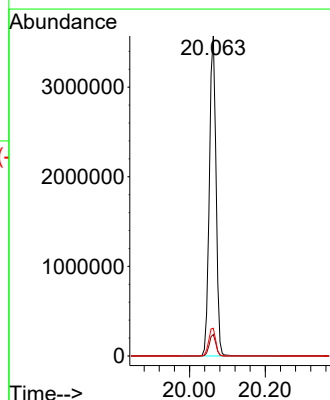
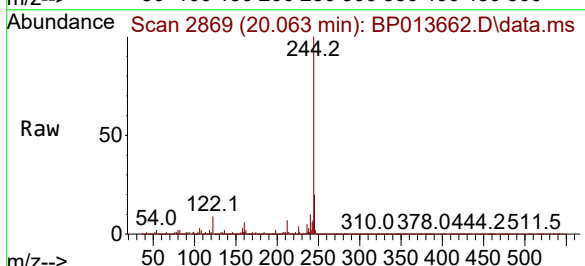
Tgt Ion:244 Resp: 4332551

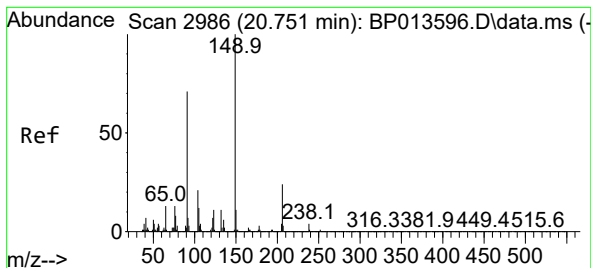
Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 8.6 5.3 7.9#





#80

Butylbenzylphthalate

Concen: 5.638 ng

RT: 20.727 min Scan# 2986

Delta R.T. -0.012 min

Lab File: BP013662.D

Acq: 31 Jan 2023 00:53

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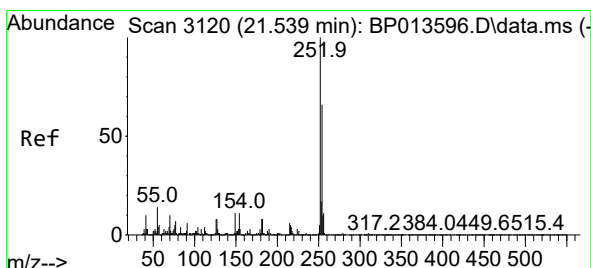
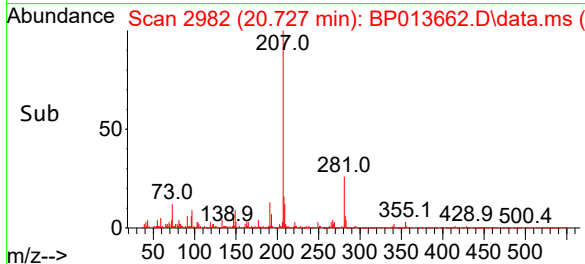
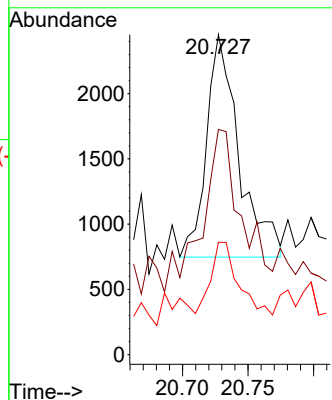
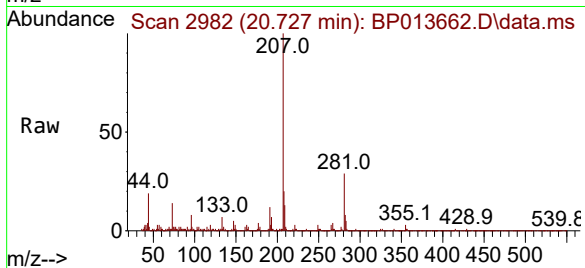
Tgt Ion:149 Resp: 2936

Ion Ratio Lower Upper

149 100

91 70.4 57.0 85.6

206 35.1 19.0 28.6#



#82

3,3'-Dichlorobenzidine

Concen: 6.362 ng

RT: 21.492 min Scan# 3112

Delta R.T. -0.035 min

Lab File: BP013662.D

Acq: 31 Jan 2023 00:53

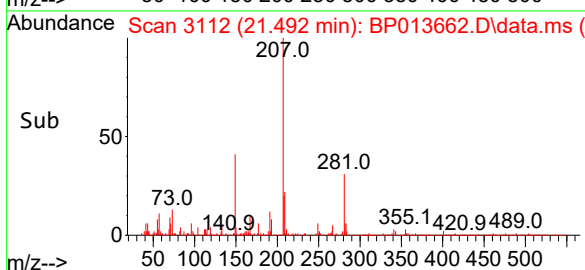
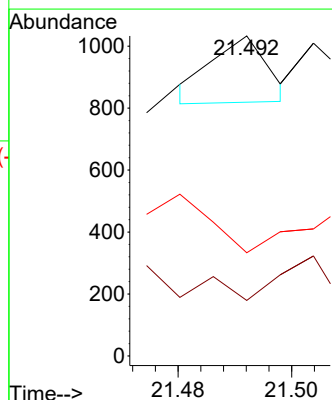
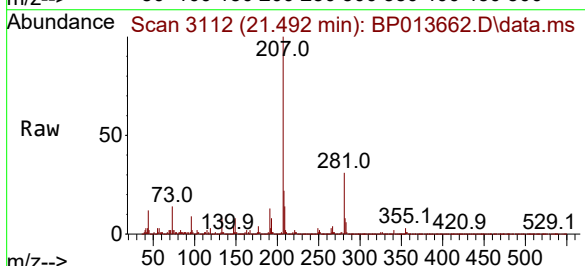
Tgt Ion:252 Resp: 146

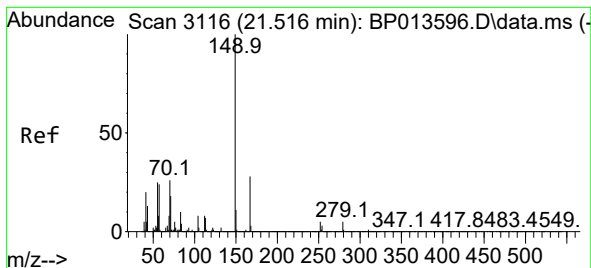
Ion Ratio Lower Upper

252 100

254 17.3 52.3 78.5#

126 32.2 6.2 9.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.212 ng

RT: 21.492 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP013662.D

Acq: 31 Jan 2023 00:53

Instrument :

BNA_P

ClientSampleId :

COMP-7-BORING-2-14-21

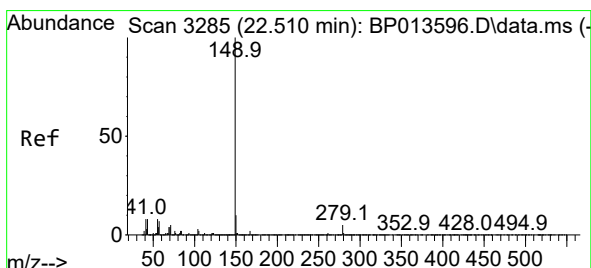
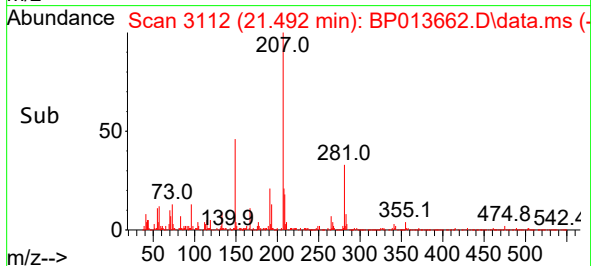
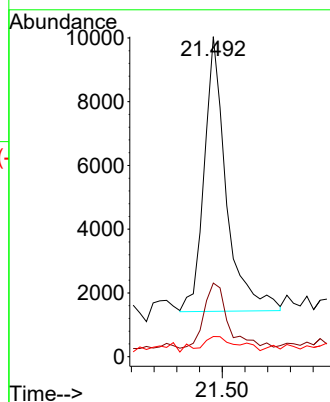
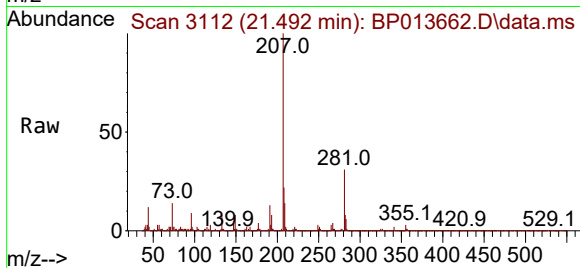
Tgt Ion:149 Resp: 11644

Ion Ratio Lower Upper

149 100

167 23.0 22.2 33.4

279 6.3 3.8 5.6#



#85

Di-n-octyl phthalate

Concen: 2.137 ng

RT: 22.474 min Scan# 3279

Delta R.T. -0.018 min

Lab File: BP013662.D

Acq: 31 Jan 2023 00:53

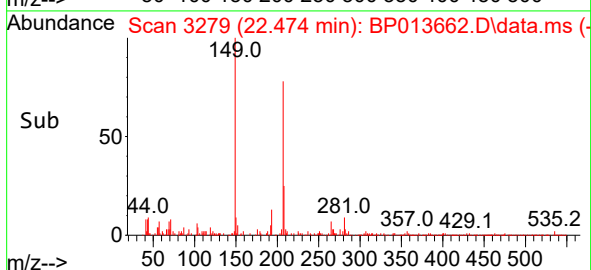
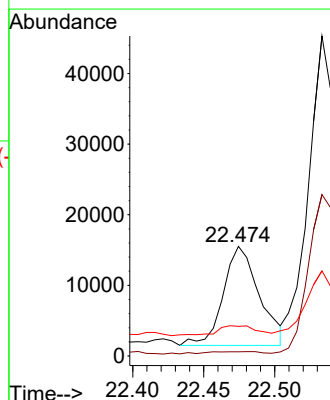
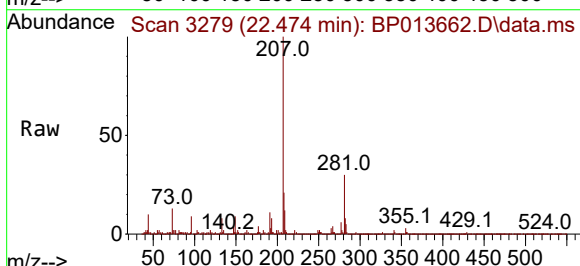
Tgt Ion:149 Resp: 24735

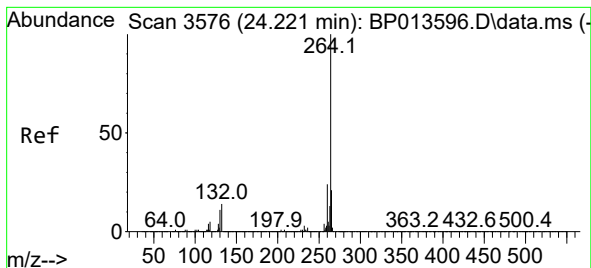
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 13.9 8.6 12.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.186 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP013662.D

Acq: 31 Jan 2023 00:53

Instrument :

BNA_P

ClientSampleId :

COMP-7-BORING-2-14-21

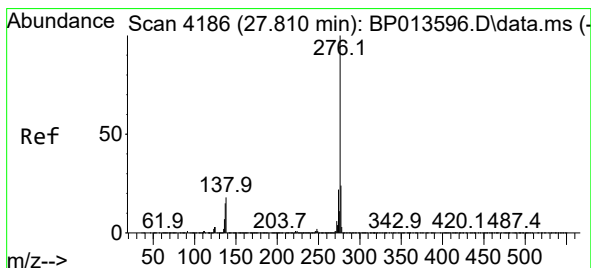
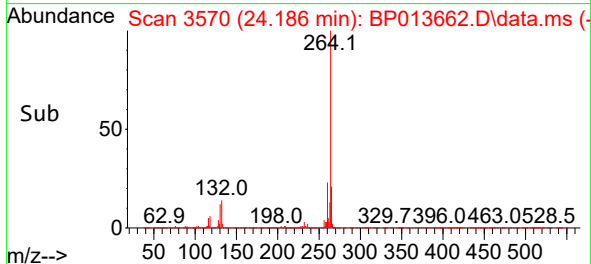
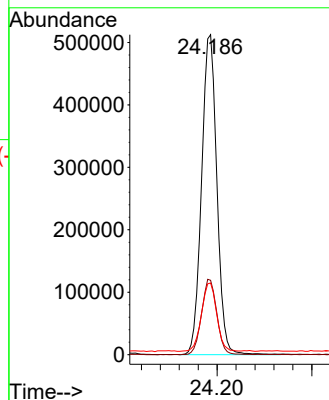
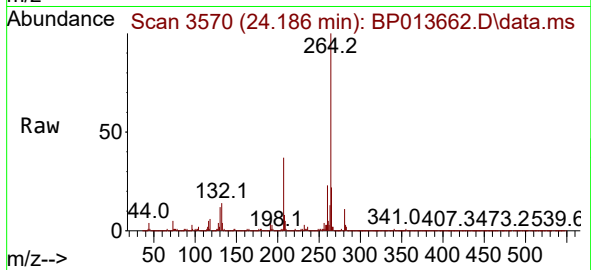
Tgt Ion:264 Resp: 1147371

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 22.4 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 2.115 ng

RT: 27.739 min Scan# 4174

Delta R.T. -0.047 min

Lab File: BP013662.D

Acq: 31 Jan 2023 00:53

Tgt Ion:276 Resp: 139805

Ion Ratio Lower Upper

276 100

277 27.4 18.9 28.3

138 18.0 14.3 21.5

