

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
 Data File : BP013665.D
 Acq On : 31 Jan 2023 02:35
 Operator : CG/JU
 Sample : 01329-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-6-BORING-2-7-14

Quant Time: Jan 31 04:47:07 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)

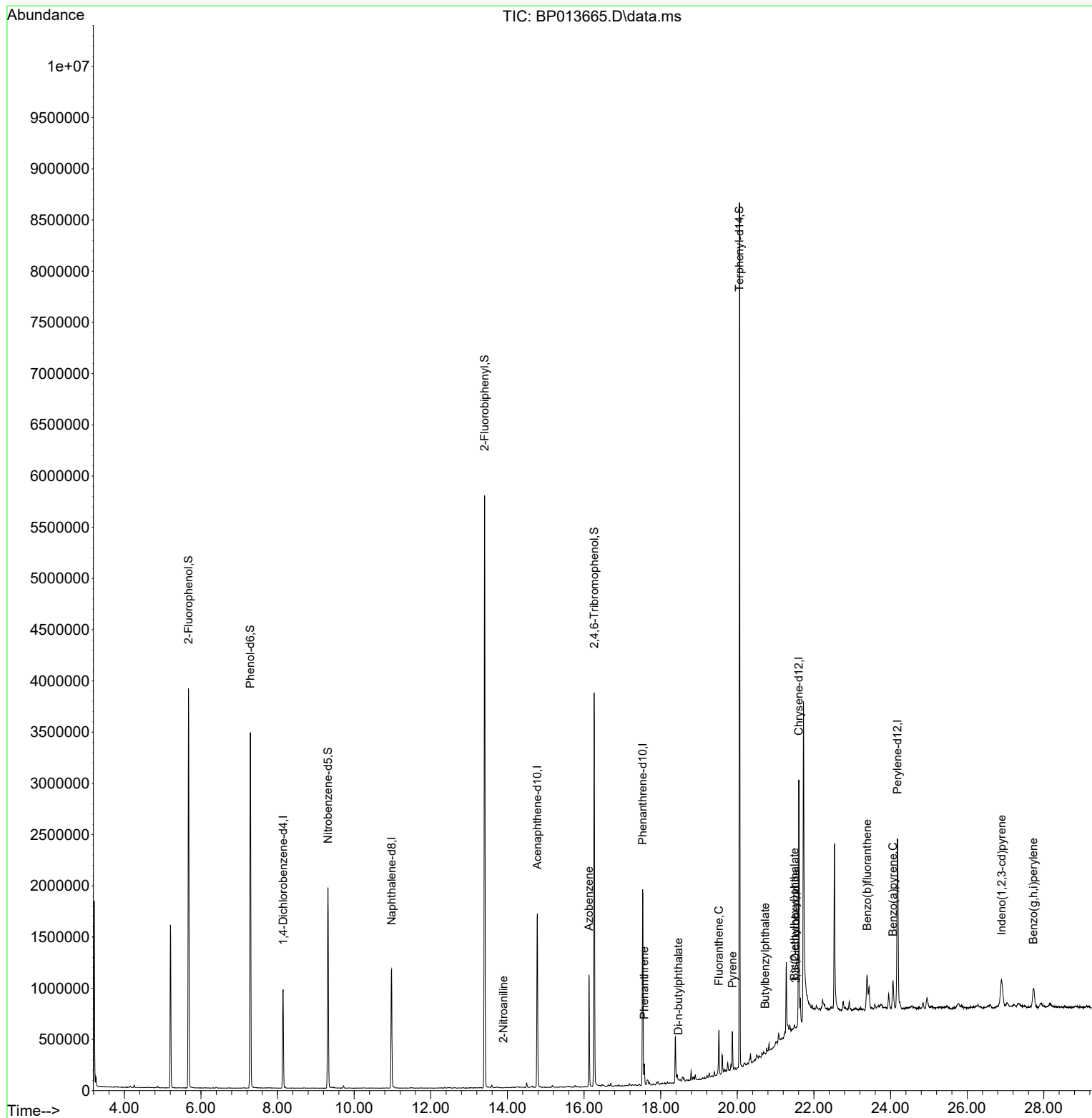
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	277168	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	1011920	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	594013	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	1213792	20.000	ng	#-0.01
76) Chrysene-d12	21.604	240	1169983	20.000	ng	-0.02
86) Perylene-d12	24.180	264	1407738	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1735319	112.193	ng	0.00
7) Phenol-d6	7.287	99	2186549	104.647	ng	-0.01
23) Nitrobenzene-d5	9.316	82	1136768	61.727	ng	-0.01
42) 2,4,6-Tribromophenol	16.263	330	802753	88.763	ng	-0.01
45) 2-Fluorobiphenyl	13.404	172	3061848	73.618	ng	0.00
79) Terphenyl-d14	20.057	244	4187084	63.152	ng	-0.01
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.892	65	258	3.949	ng	# 20
63) Azobenzene	16.128	77	310932	7.242	ng	# 1
71) Phenanthrene	17.575	178	127839	2.054	ng	99
74) Di-n-butylphthalate	18.463	149	7290	3.700	ng	98
75) Fluoranthene	19.522	202	234707	3.023	ng	98
78) Pyrene	19.875	202	218738	2.416	ng	99
80) Butylbenzylphthalate	20.727	149	2256	5.522	ng	# 81
82) 3,3'-Dichlorobenzidine	21.522	252	438	6.372	ng	# 38
84) Bis(2-ethylhexyl)phtha...	21.492	149	11672	3.994	ng	# 98
87) Indeno(1,2,3-cd)pyrene	26.898	276	252885	2.555	ng	99
88) Benzo(b)fluoranthene	23.386	252	292237	3.233	ng	# 97
90) Benzo(a)pyrene	24.063	252	204451	2.403	ng	# 95
92) Benzo(g,h,i)perylene	27.727	276	285570	3.522	ng	95

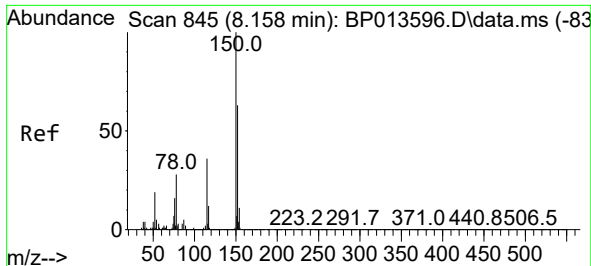
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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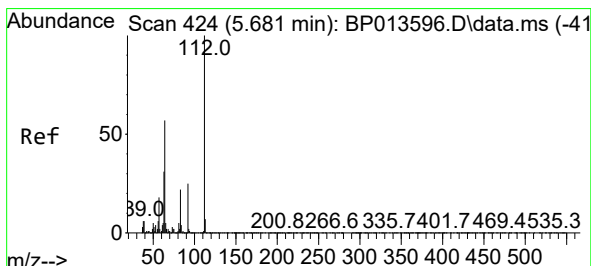
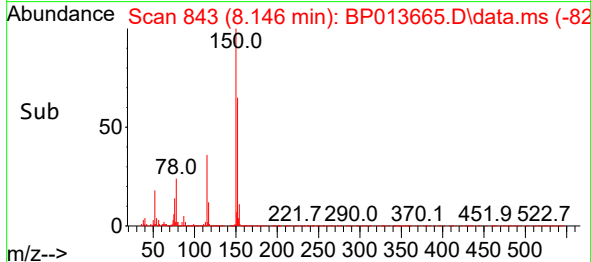
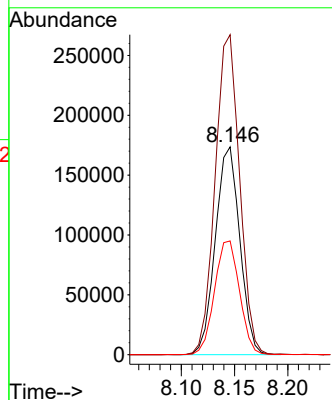
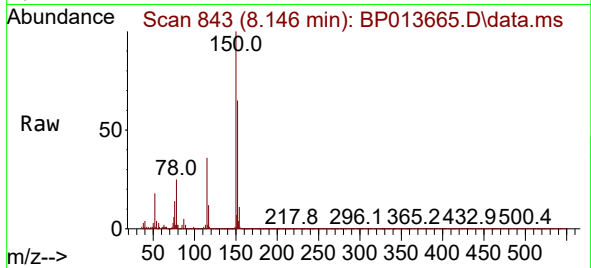




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP013665.D
Acq: 31 Jan 2023 02:35

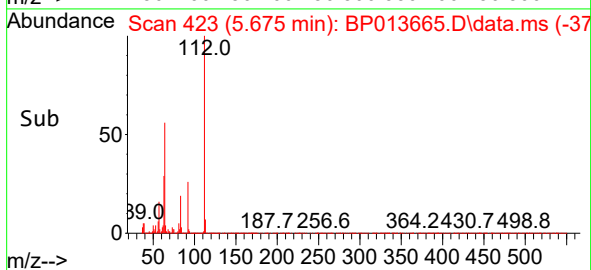
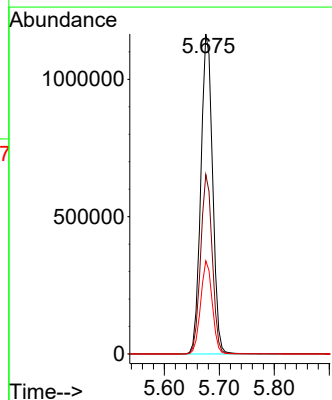
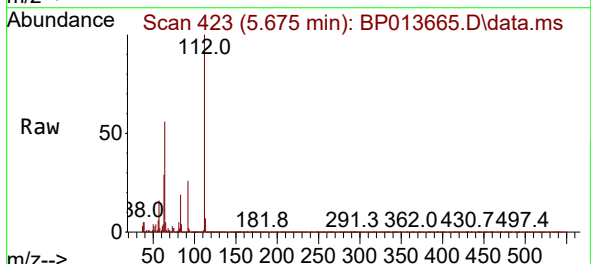
Instrument :
BNA_P
ClientSampleId :
COMP-6-BORING-2-7-14

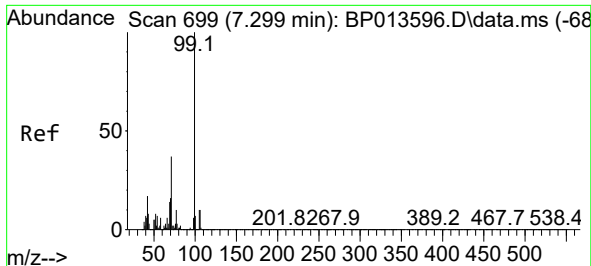
Tgt Ion:152 Resp: 277168
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 54.8 45.1 67.7



#5
2-Fluorophenol
Concen: 112.193 ng
RT: 5.675 min Scan# 423
Delta R.T. -0.006 min
Lab File: BP013665.D
Acq: 31 Jan 2023 02:35

Tgt Ion:112 Resp: 1735319
Ion Ratio Lower Upper
112 100
64 56.0 45.5 68.3
63 29.1 25.1 37.7



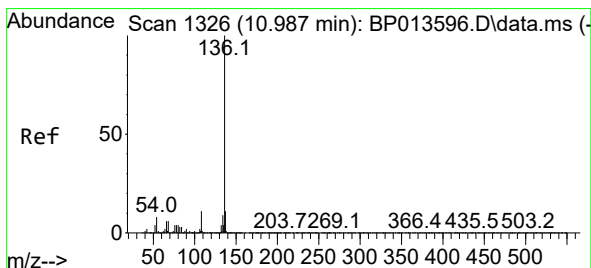
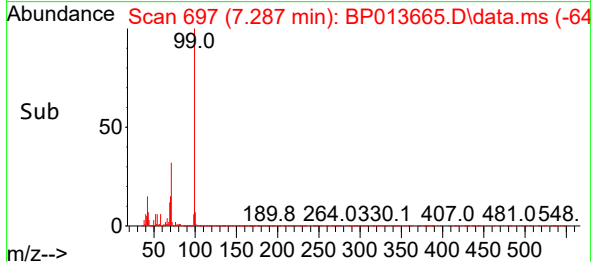
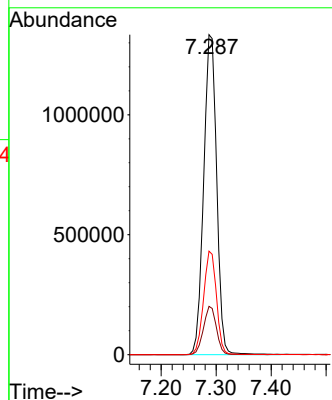
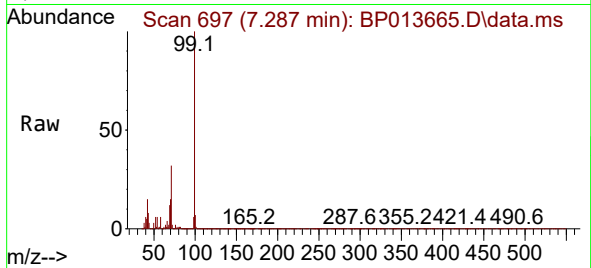


#7
Phenol-d6
Concen: 104.647 ng
RT: 7.287 min Scan# 699
Delta R.T. -0.012 min
Lab File: BP013665.D
Acq: 31 Jan 2023 02:35

Instrument :
BNA_P
ClientSampleId :
COMP-6-BORING-2-7-14

Tgt Ion: 99 Resp: 2186549

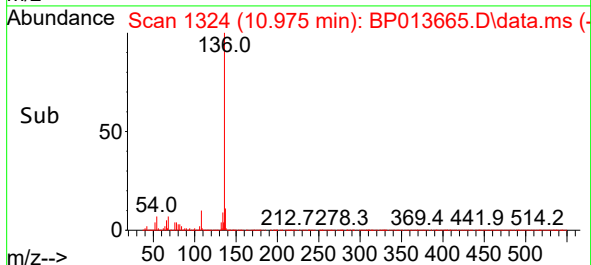
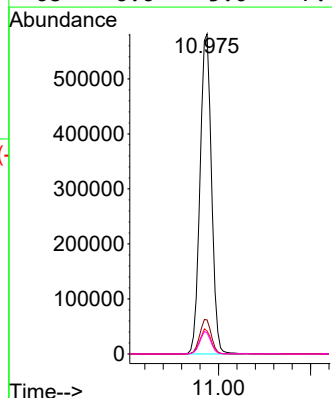
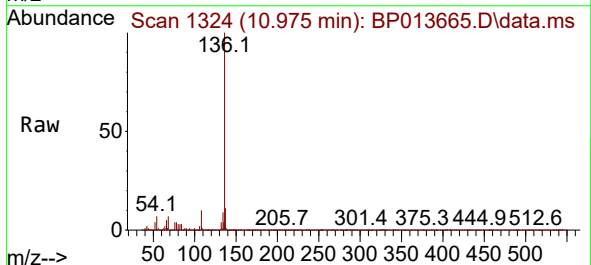
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.4	20.2
71	32.3	29.9	44.9

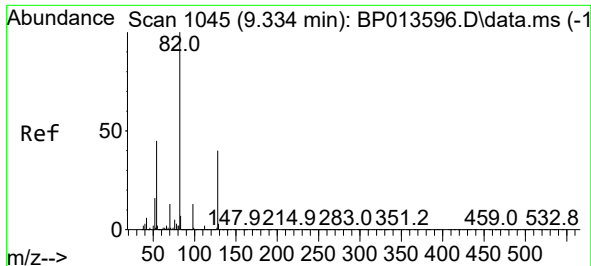


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013665.D
Acq: 31 Jan 2023 02:35

Tgt Ion: 136 Resp: 1011920

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.2	6.1	9.1
68	6.6	5.0	7.4

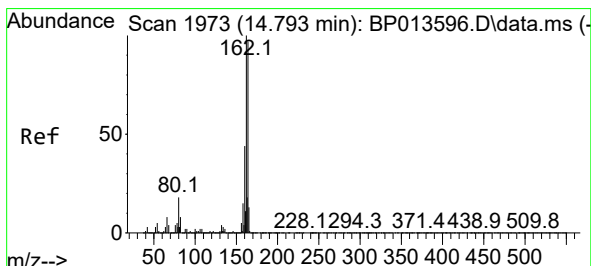
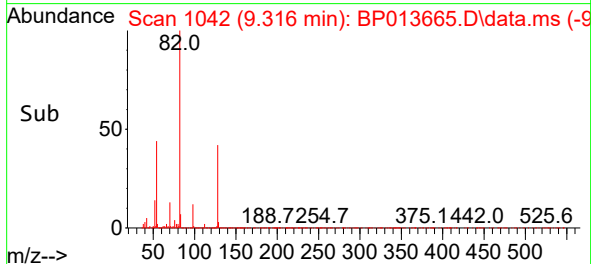
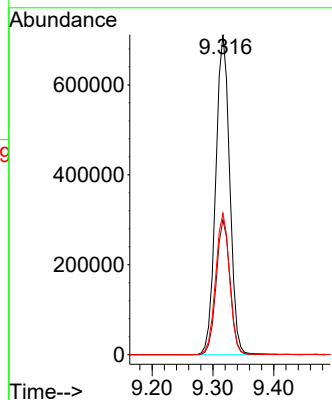
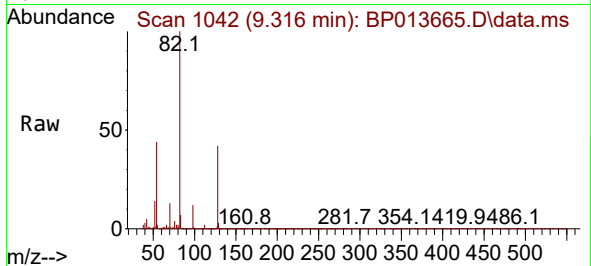




#23
Nitrobenzene-d5
Concen: 61.727 ng
RT: 9.316 min Scan# 1042
Delta R.T. -0.012 min
Lab File: BP013665.D
Acq: 31 Jan 2023 02:35

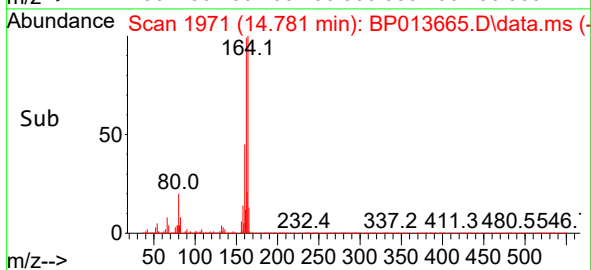
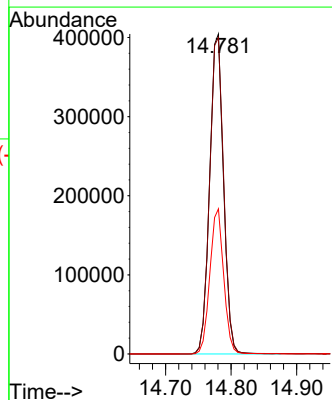
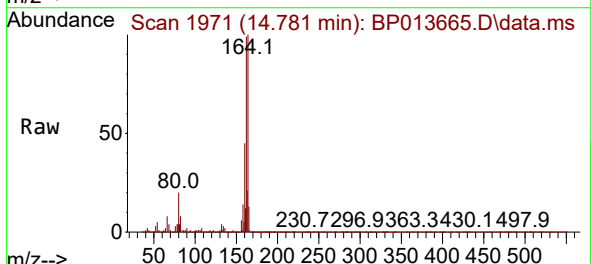
Instrument :
BNA_P
ClientSampleId :
COMP-6-BORING-2-7-14

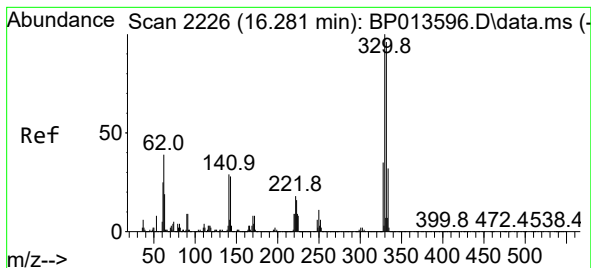
Tgt Ion: 82 Resp: 1136768
Ion Ratio Lower Upper
82 100
128 42.2 31.8 47.8
54 44.2 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP013665.D
Acq: 31 Jan 2023 02:35

Tgt Ion:164 Resp: 594013
Ion Ratio Lower Upper
164 100
162 98.9 82.3 123.5
160 45.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 88.763 ng

RT: 16.263 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013665.D

Acq: 31 Jan 2023 02:35

Instrument :

BNA_P

ClientSampleId :

COMP-6-BORING-2-7-14

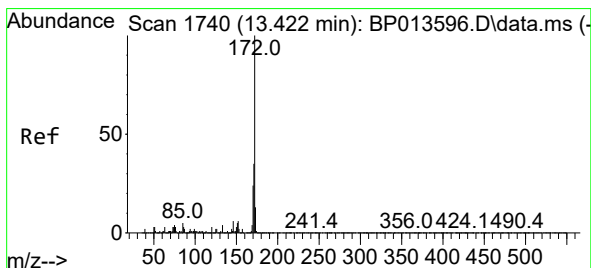
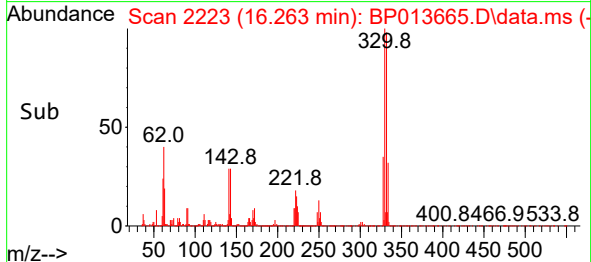
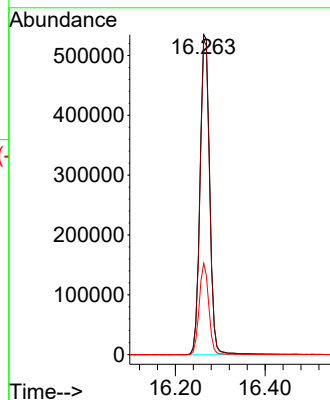
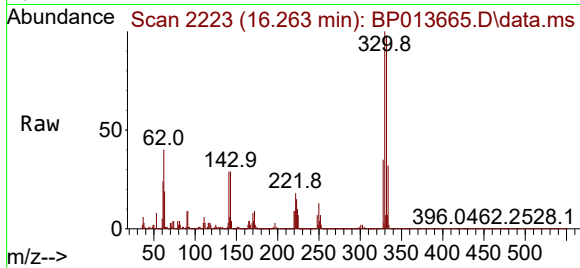
Tgt Ion:330 Resp: 802753

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.4

141 27.9 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 73.618 ng

RT: 13.404 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP013665.D

Acq: 31 Jan 2023 02:35

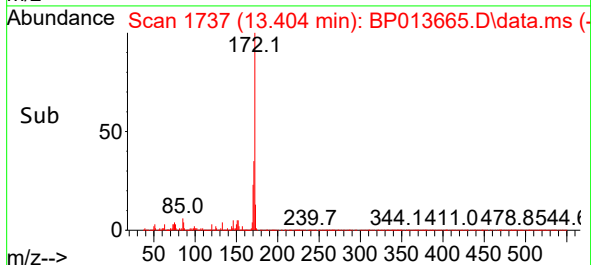
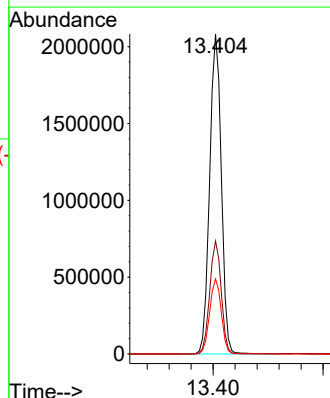
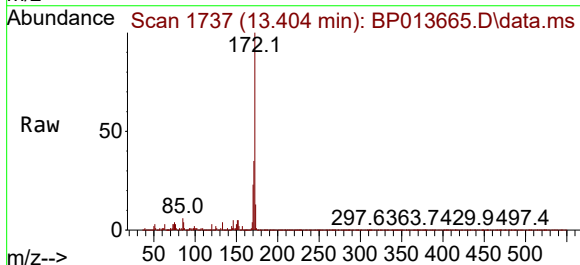
Tgt Ion:172 Resp: 3061848

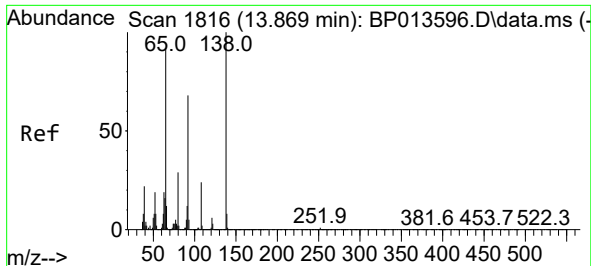
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.4 19.1 28.7

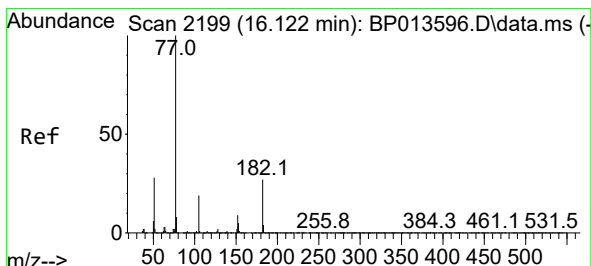
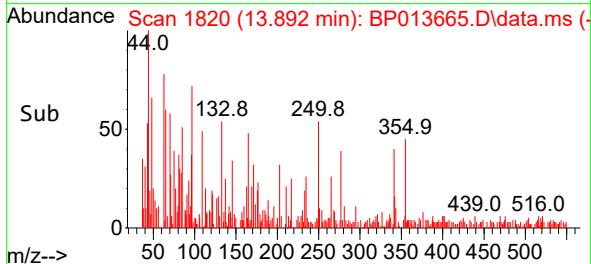
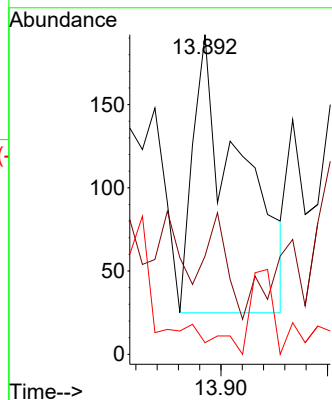
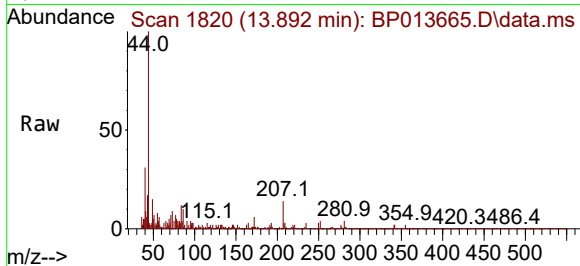




#48
2-Nitroaniline
Concen: 3.949 ng
RT: 13.892 min Scan# 11
Delta R.T. 0.023 min
Lab File: BP013665.D
Acq: 31 Jan 2023 02:35

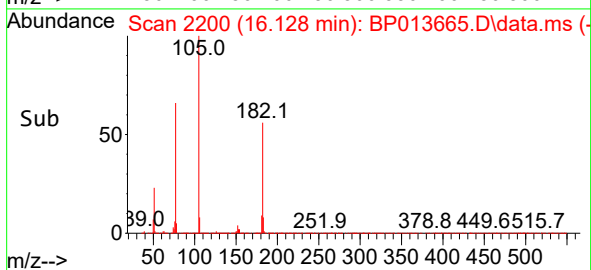
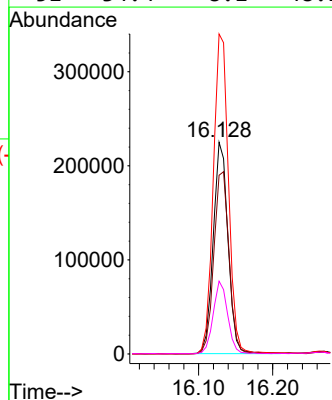
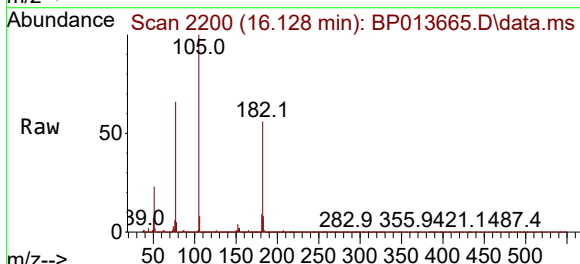
Instrument :
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ClientSampleId :
COMP-6-BORING-2-7-14

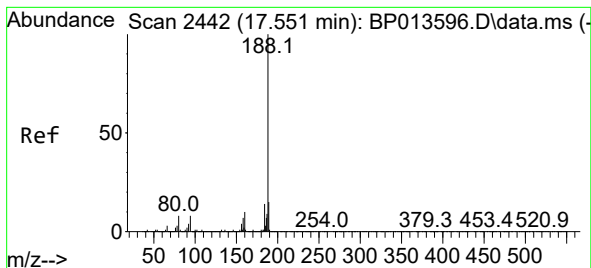
Tgt Ion: 65 Resp: 258
Ion Ratio Lower Upper
65 100
92 30.7 59.5 89.3#
138 3.6 87.1 130.7#



#63
Azobenzene
Concen: 7.242 ng
RT: 16.128 min Scan# 2200
Delta R.T. 0.012 min
Lab File: BP013665.D
Acq: 31 Jan 2023 02:35

Tgt Ion: 77 Resp: 310932
Ion Ratio Lower Upper
77 100
182 84.4 7.0 47.0#
105 151.2 0.0 39.2#
51 34.4 8.1 48.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.528 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP013665.D

Acq: 31 Jan 2023 02:35

Instrument :

BNA_P

ClientSampleId :

COMP-6-BORING-2-7-14

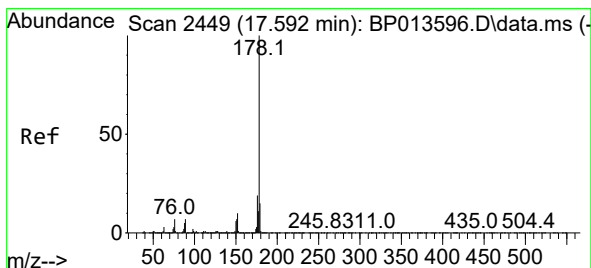
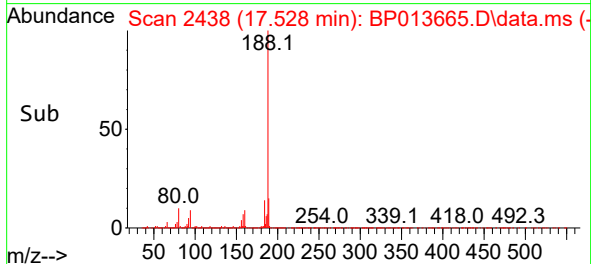
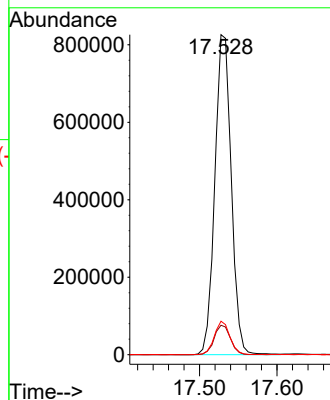
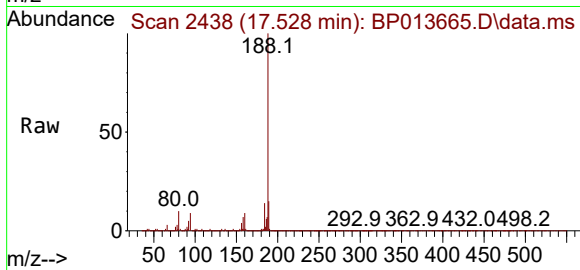
Tgt Ion:188 Resp: 1213792

Ion Ratio Lower Upper

188 100

94 9.2 6.1 9.1#

80 10.4 6.6 10.0#



#71

Phenanthrene

Concen: 2.054 ng

RT: 17.575 min Scan# 2446

Delta R.T. -0.012 min

Lab File: BP013665.D

Acq: 31 Jan 2023 02:35

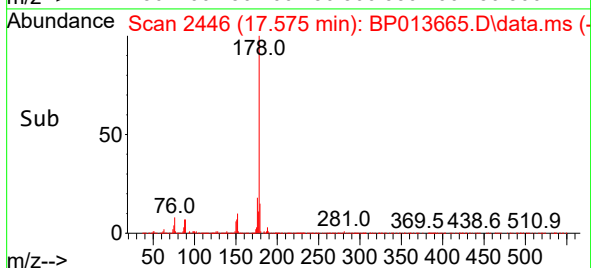
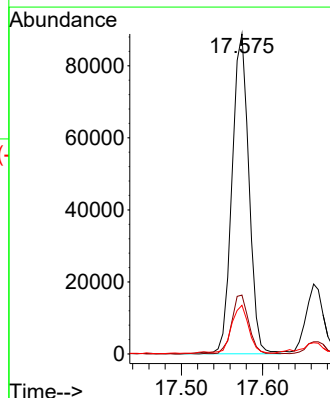
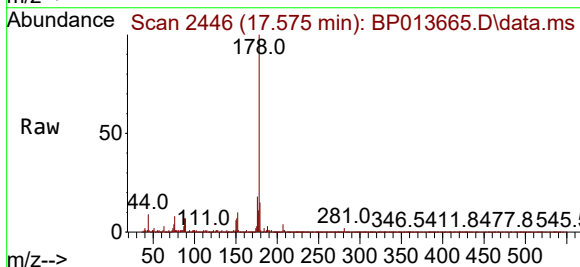
Tgt Ion:178 Resp: 127839

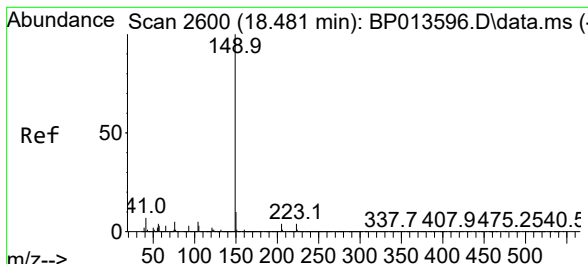
Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

179 15.2 12.2 18.4

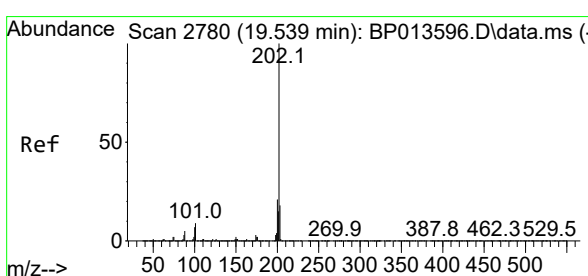
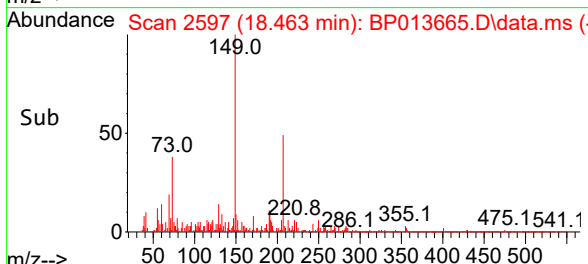
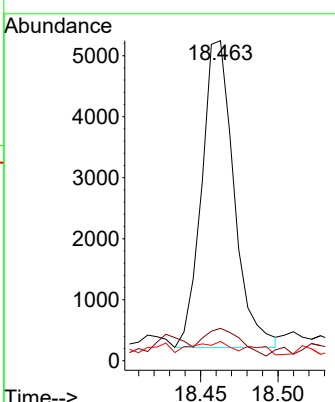
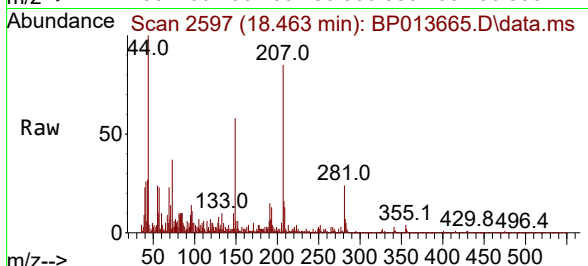




#74
Di-n-butylphthalate
Concen: 3.700 ng
RT: 18.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013665.D
Acq: 31 Jan 2023 02:35

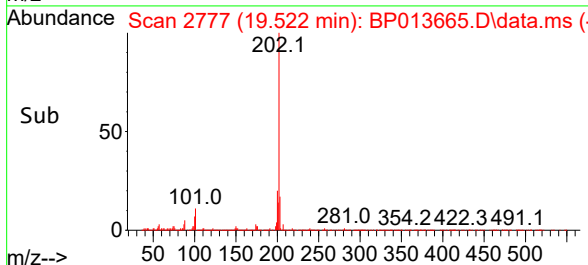
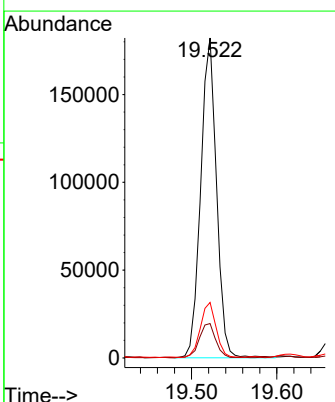
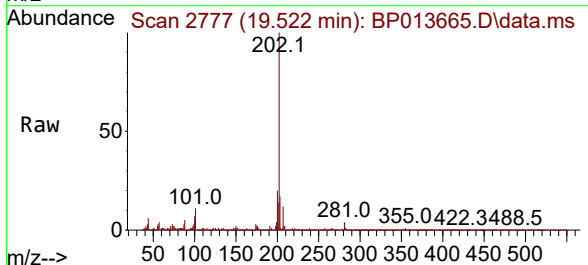
Instrument : BNA_P
ClientSampleId : COMP-6-BORING-2-7-14

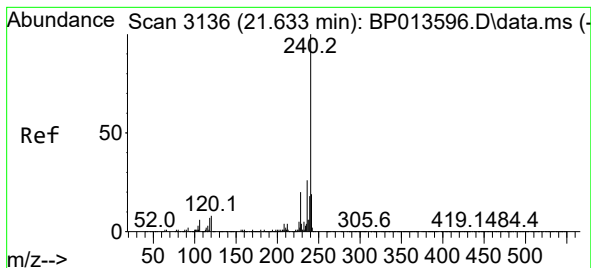
Tgt Ion:	149	Resp:	7290
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.6	11.4
104	6.0	4.4	6.6



#75
Fluoranthene
Concen: 3.023 ng
RT: 19.522 min Scan# 2777
Delta R.T. -0.012 min
Lab File: BP013665.D
Acq: 31 Jan 2023 02:35

Tgt Ion:	202	Resp:	234707
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	28.9
203	17.3	0.0	37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP013665.D

Acq: 31 Jan 2023 02:35

Instrument :

BNA_P

ClientSampleId :

COMP-6-BORING-2-7-14

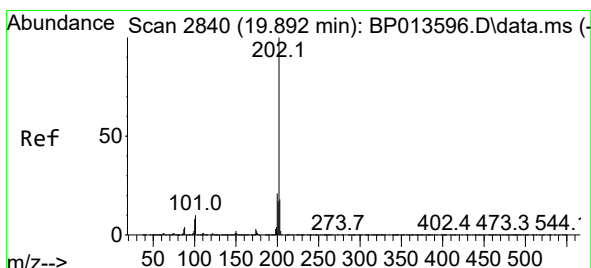
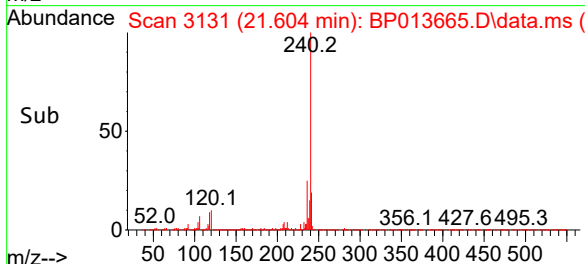
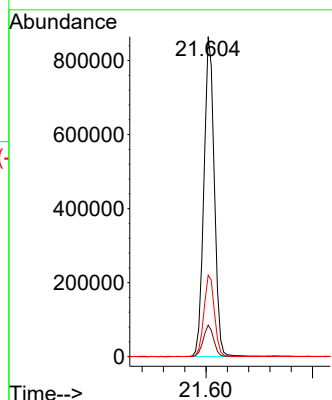
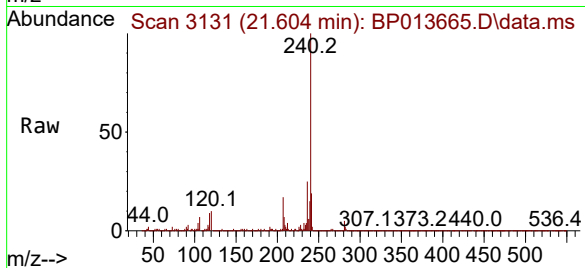
Tgt Ion:240 Resp: 1169983

Ion Ratio Lower Upper

240 100

120 9.8 6.7 10.1

236 25.4 20.7 31.1



#78

Pyrene

Concen: 2.416 ng

RT: 19.875 min Scan# 2837

Delta R.T. -0.012 min

Lab File: BP013665.D

Acq: 31 Jan 2023 02:35

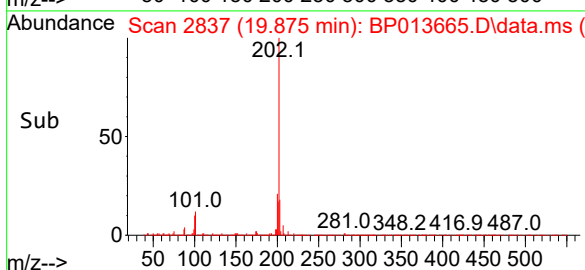
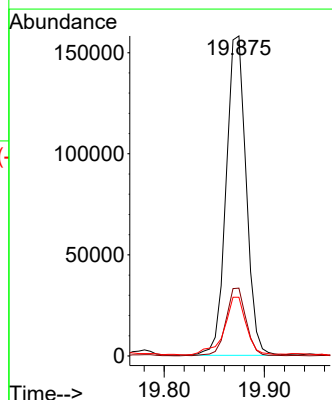
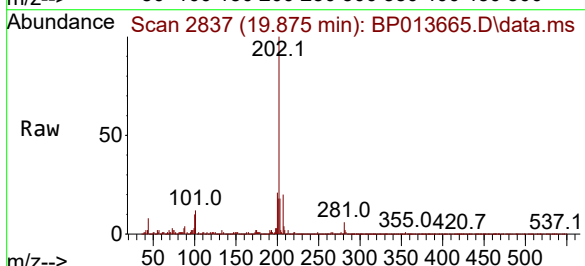
Tgt Ion:202 Resp: 218738

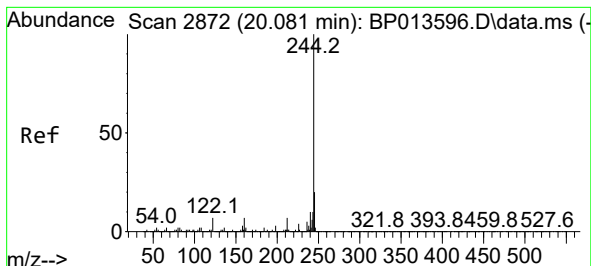
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 18.4 14.2 21.2





#79

Terphenyl-d14

Concen: 63.152 ng

RT: 20.057 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013665.D

Acq: 31 Jan 2023 02:35

Instrument :

BNA_P

ClientSampleId :

COMP-6-BORING-2-7-14

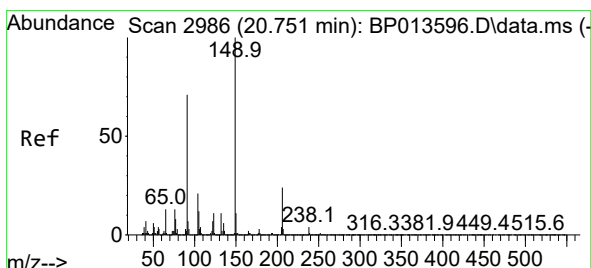
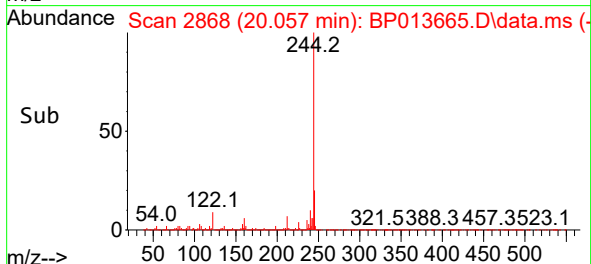
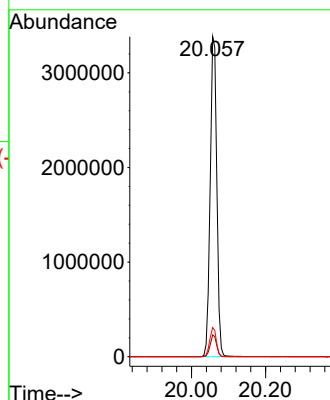
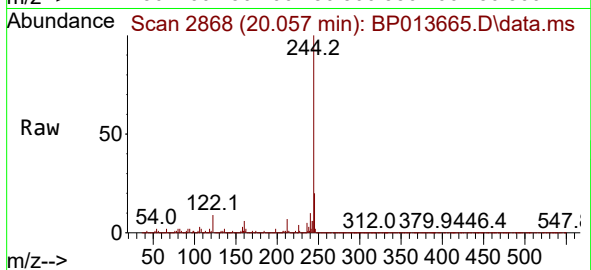
Tgt Ion:244 Resp: 4187084

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 9.1 5.3 7.9#



#80

Butylbenzylphthalate

Concen: 5.522 ng

RT: 20.727 min Scan# 2982

Delta R.T. -0.012 min

Lab File: BP013665.D

Acq: 31 Jan 2023 02:35

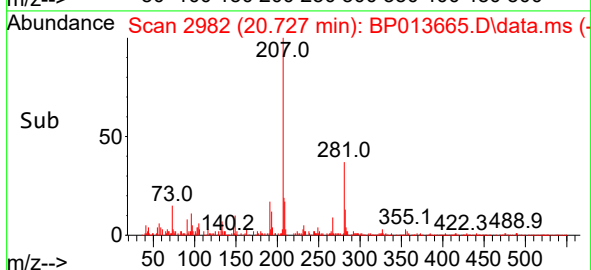
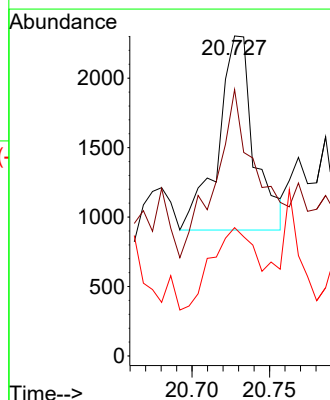
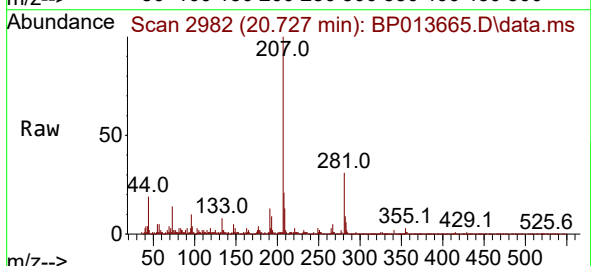
Tgt Ion:149 Resp: 2256

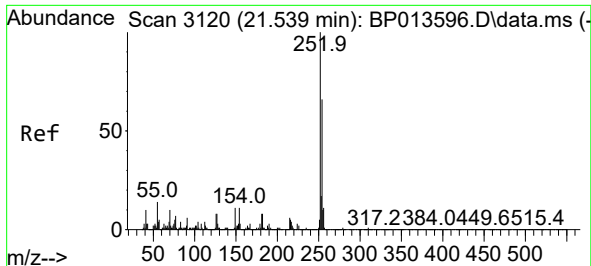
Ion Ratio Lower Upper

149 100

91 83.2 57.0 85.6

206 40.1 19.0 28.6#

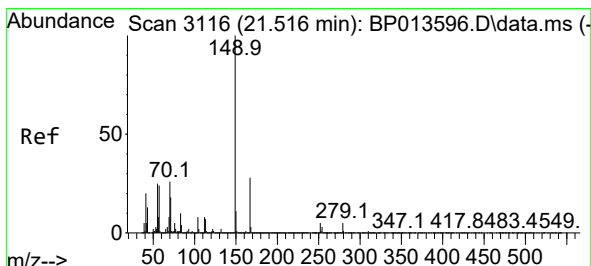
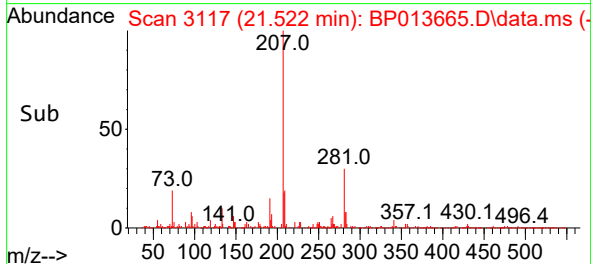
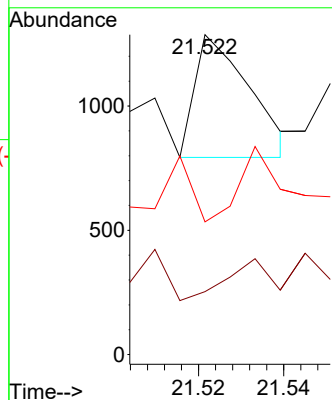
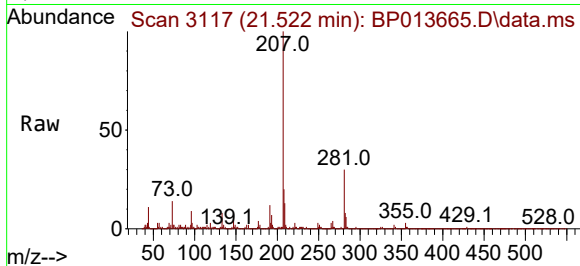




#82
 3,3'-Dichlorobenzidine
 Concen: 6.372 ng
 RT: 21.522 min Scan# 3117
 Delta R.T. -0.006 min
 Lab File: BP013665.D
 Acq: 31 Jan 2023 02:35

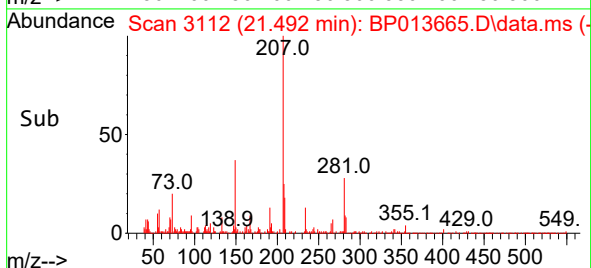
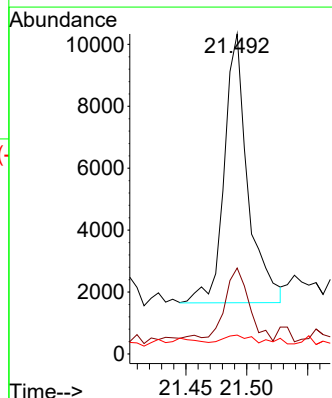
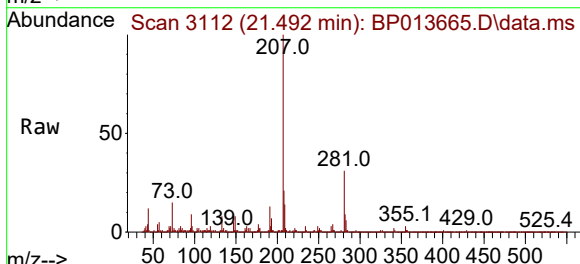
Instrument :
 BNA_P
 ClientSampleId :
 COMP-6-BORING-2-7-14

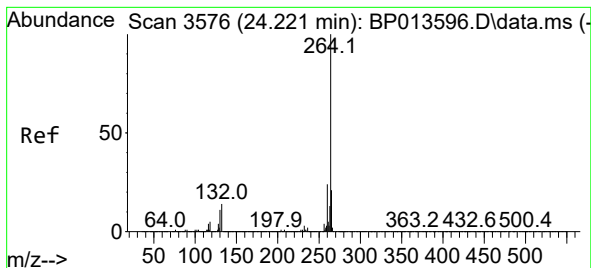
Tgt Ion:252 Resp: 438
 Ion Ratio Lower Upper
 252 100
 254 19.7 52.3 78.5#
 126 41.5 6.2 9.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.994 ng
 RT: 21.492 min Scan# 3112
 Delta R.T. -0.012 min
 Lab File: BP013665.D
 Acq: 31 Jan 2023 02:35

Tgt Ion:149 Resp: 11672
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.2 33.4
 279 5.9 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3

Delta R.T. -0.024 min

Lab File: BP013665.D

Acq: 31 Jan 2023 02:35

Instrument :

BNA_P

ClientSampleId :

COMP-6-BORING-2-7-14

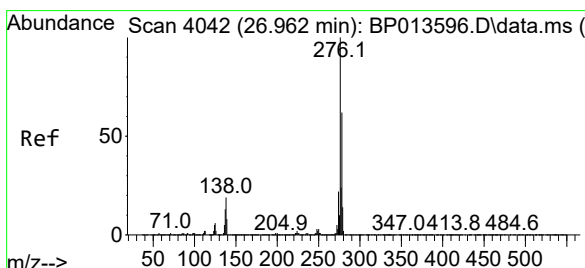
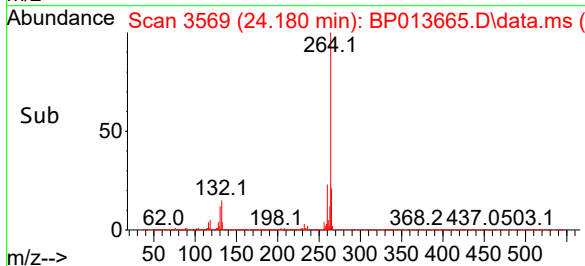
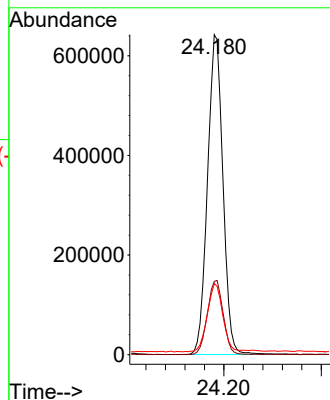
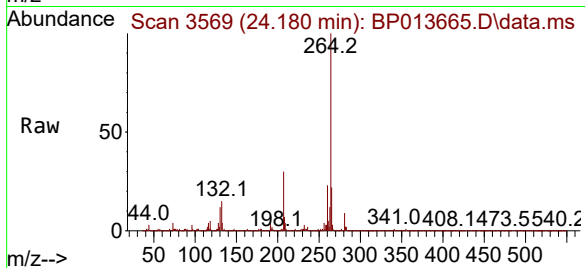
Tgt Ion:264 Resp: 1407738

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 22.2 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.555 ng

RT: 26.898 min Scan# 4031

Delta R.T. -0.047 min

Lab File: BP013665.D

Acq: 31 Jan 2023 02:35

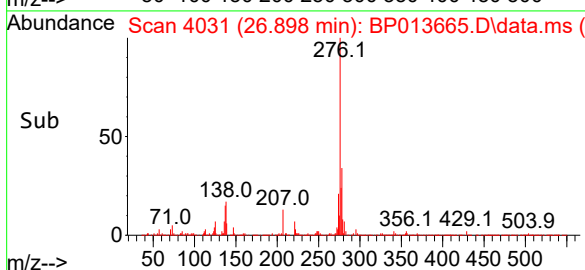
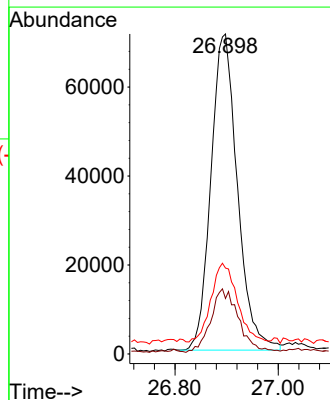
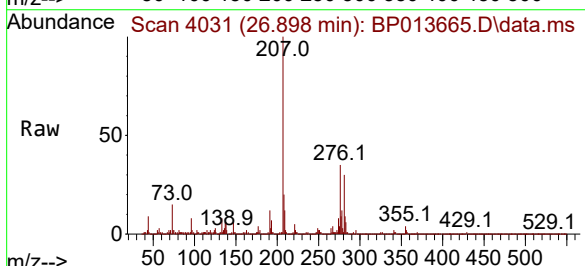
Tgt Ion:276 Resp: 252885

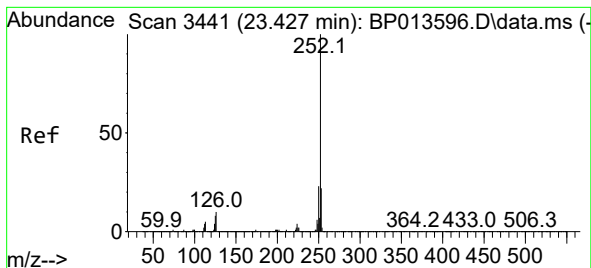
Ion Ratio Lower Upper

276 100

138 21.2 16.4 24.6

277 25.1 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 3.233 ng

RT: 23.386 min Scan# 3441

Delta R.T. -0.024 min

Lab File: BP013665.D

Acq: 31 Jan 2023 02:35

Instrument :

BNA_P

ClientSampleId :

COMP-6-BORING-2-7-14

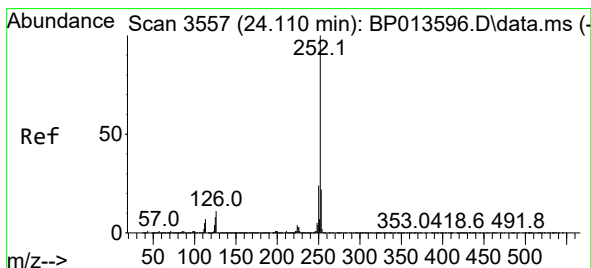
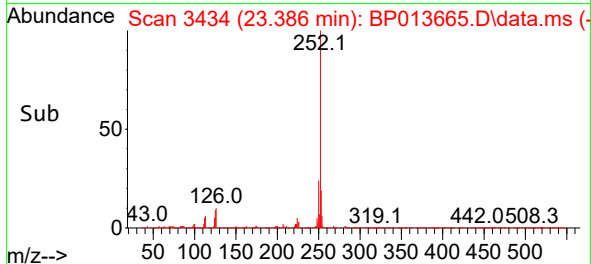
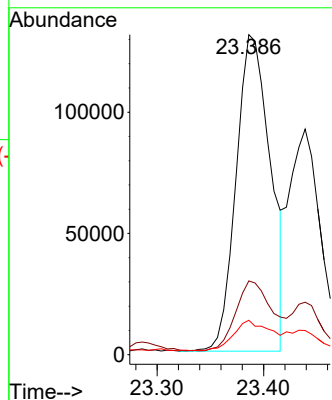
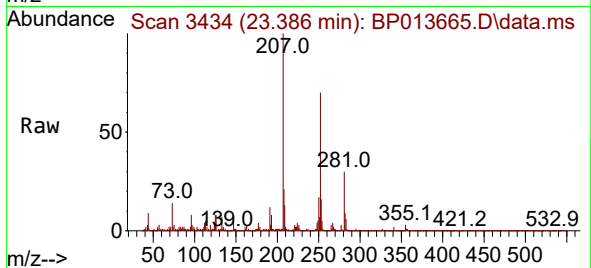
Tgt Ion:252 Resp: 292237

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 10.7 6.2 9.4#



#90

Benzo(a)pyrene

Concen: 2.403 ng

RT: 24.063 min Scan# 3549

Delta R.T. -0.030 min

Lab File: BP013665.D

Acq: 31 Jan 2023 02:35

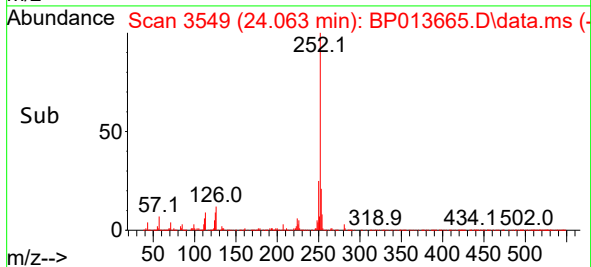
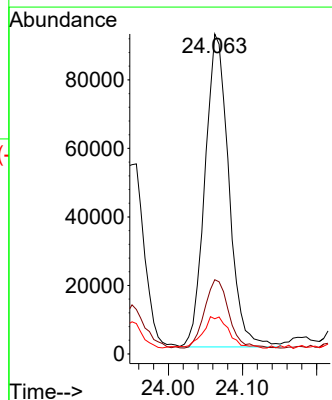
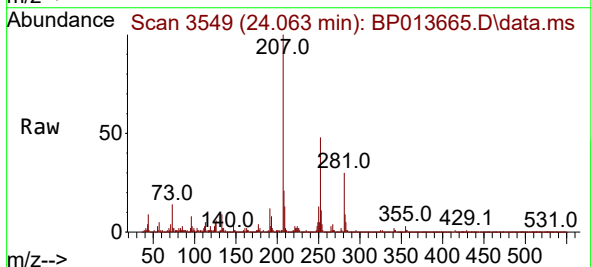
Tgt Ion:252 Resp: 204451

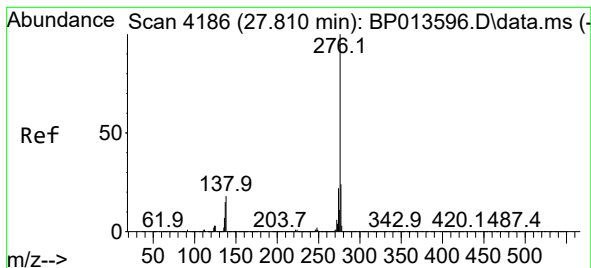
Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

125 11.0 6.8 10.2#





#92

Benzo(g,h,i)perylene

Concen: 3.522 ng

RT: 27.727 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP013665.D

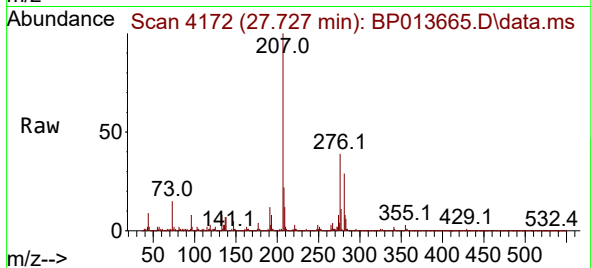
Acq: 31 Jan 2023 02:35

Instrument :

BNA_P

ClientSampleId :

COMP-6-BORING-2-7-14



Tgt Ion:276 Resp: 285570

Ion Ratio Lower Upper

276 100

277 27.3 18.9 28.3

138 19.1 14.3 21.5

