

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
 Data File : BP013656.D
 Acq On : 30 Jan 2023 21:27
 Operator : CG/JU
 Sample : 01328-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-5-BORING-2-0-7

Quant Time: Jan 31 04:44:27 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)

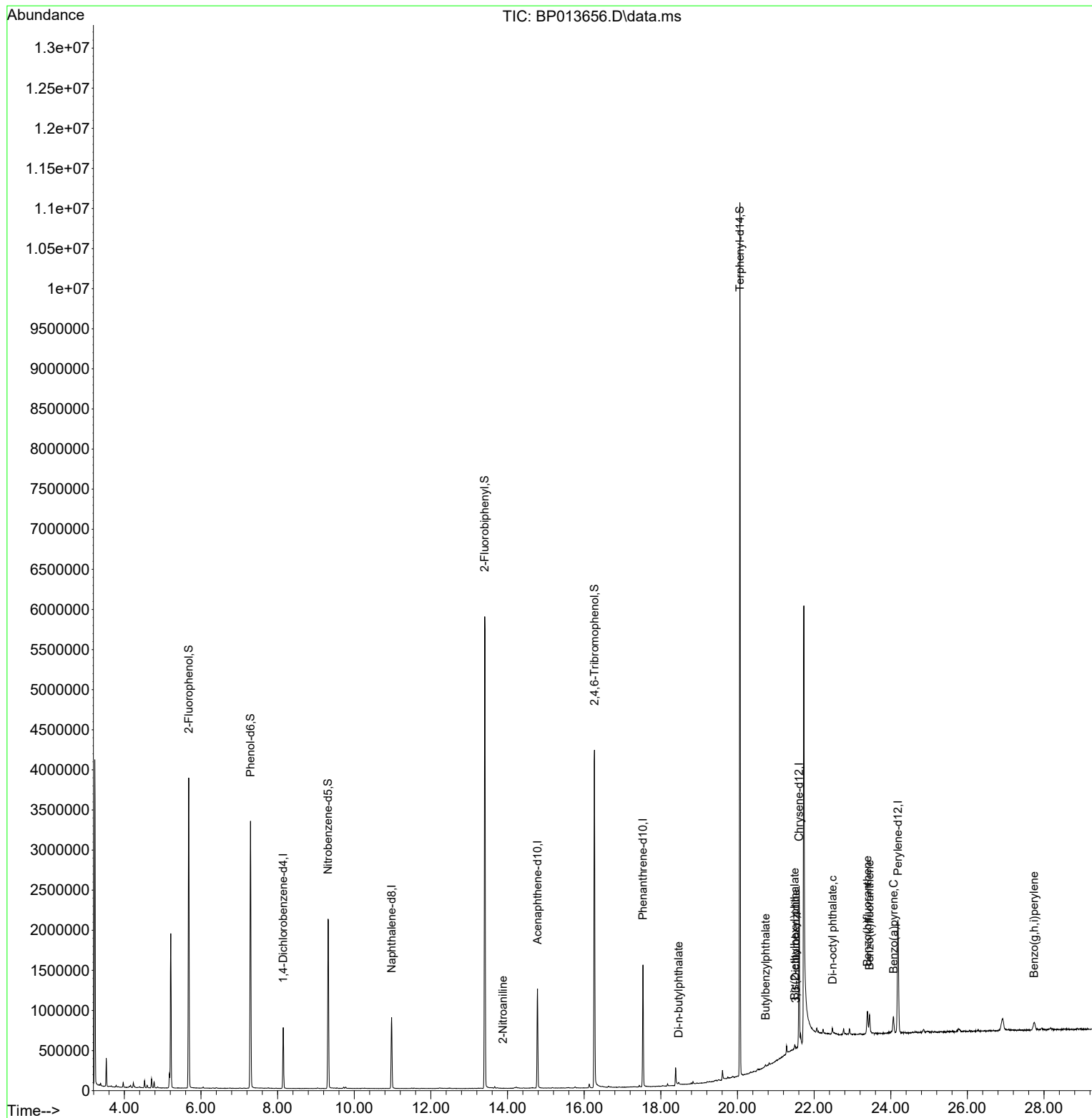
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	209095	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	746937	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	432293	20.000	ng	0.00
64) Phenanthrene-d10	17.534	188	933893	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	978781	20.000	ng	-0.01
86) Perylene-d12	24.186	264	1234788	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1716707	147.123	ng	0.00
7) Phenol-d6	7.293	99	2004824	127.187	ng	0.00
23) Nitrobenzene-d5	9.316	82	1255518	92.361	ng	-0.01
42) 2,4,6-Tribromophenol	16.269	330	926248	140.733	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	3223506	106.499	ng	0.00
79) Terphenyl-d14	20.063	244	5319044	95.897	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.881	65	85	3.933	ng	# 34
74) Di-n-butylphthalate	18.463	149	19739	4.030	ng	97
80) Butylbenzylphthalate	20.733	149	9199	6.145	ng	91
82) 3,3'-Dichlorobenzidine	21.522	252	461	6.377	ng	# 36
84) Bis(2-ethylhexyl)phtha...	21.492	149	23868	4.978	ng	98
85) Di-n-octyl phthalate	22.480	149	61383	4.399	ng	98
88) Benzo(b)fluoranthene	23.392	252	222991	2.813	ng	# 97
89) Benzo(k)fluoranthene	23.445	252	221732	2.817	ng	# 97
90) Benzo(a)pyrene	24.074	252	153866	2.062	ng	# 94
92) Benzo(g,h,i)perylene	27.739	276	149926	2.108	ng	# 88

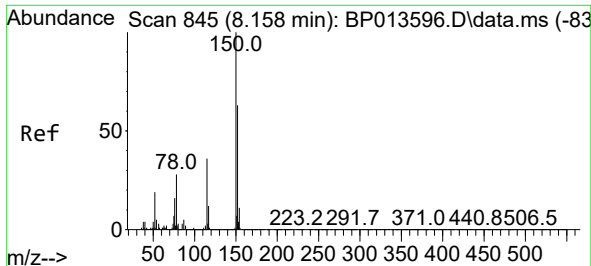
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
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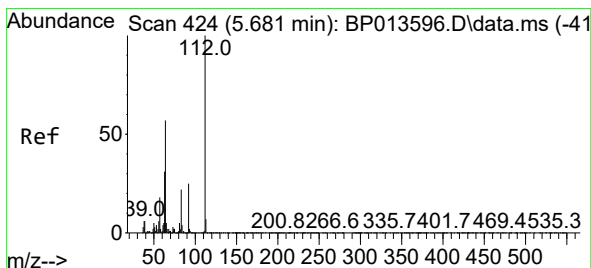
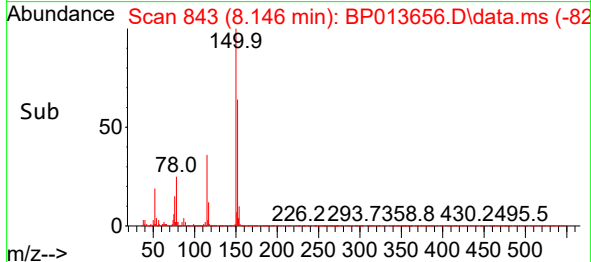
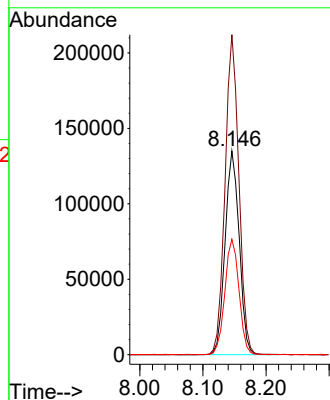
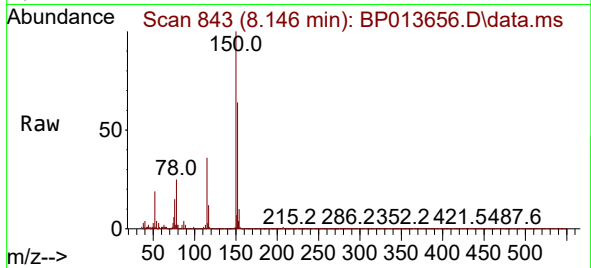




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013656.D
Acq: 30 Jan 2023 21:27

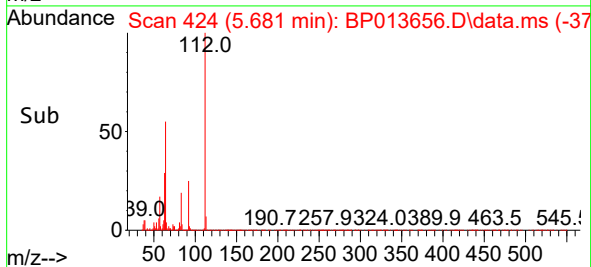
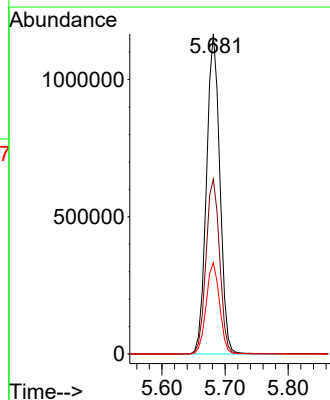
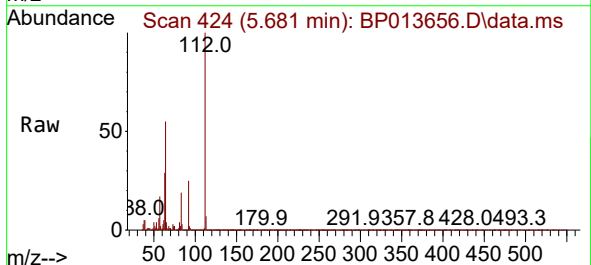
Instrument :
BNA_P
ClientSampleId :
COMP-5-BORING-2-0-7

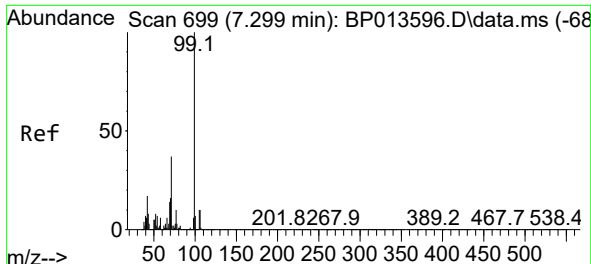
Tgt Ion:152 Resp: 209095
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 56.7 45.1 67.7



#5
2-Fluorophenol
Concen: 147.123 ng
RT: 5.681 min Scan# 424
Delta R.T. 0.000 min
Lab File: BP013656.D
Acq: 30 Jan 2023 21:27

Tgt Ion:112 Resp: 1716707
Ion Ratio Lower Upper
112 100
64 54.6 45.5 68.3
63 28.6 25.1 37.7



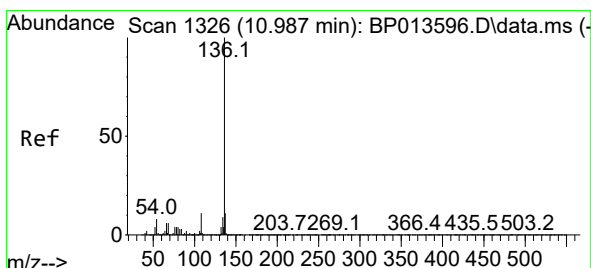
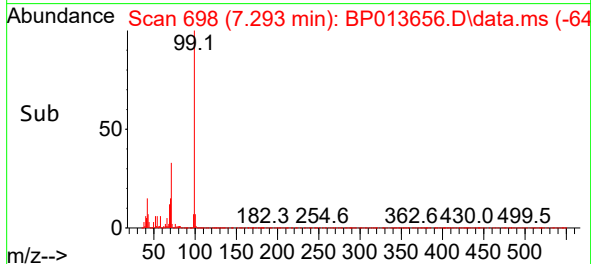
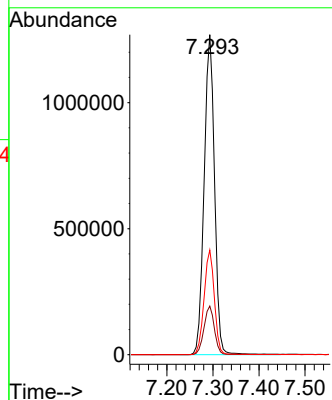
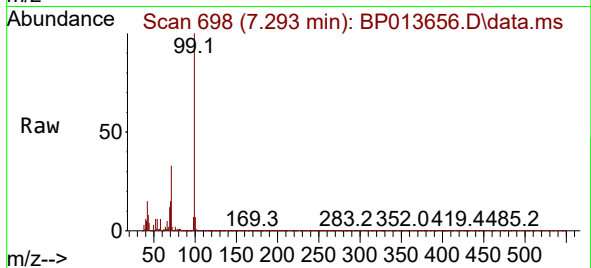


#7
Phenol-d6
Concen: 127.187 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013656.D
Acq: 30 Jan 2023 21:27

Instrument :
BNA_P
ClientSampleId :
COMP-5-BORING-2-0-7

Tgt Ion: 99 Resp: 2004824

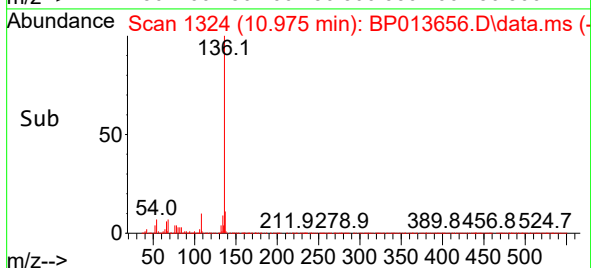
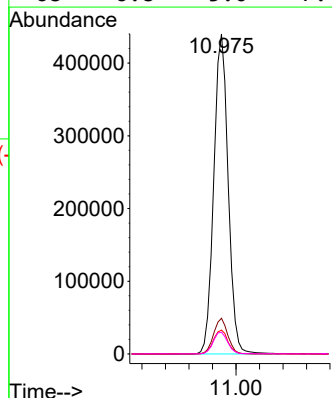
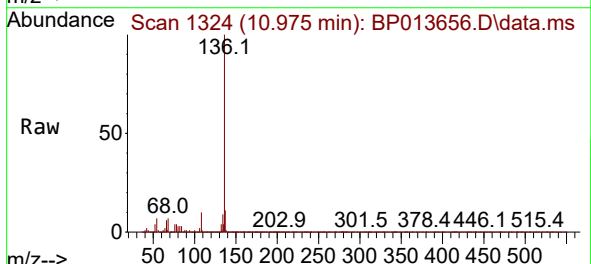
Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.4	20.2
71	32.7	29.9	44.9

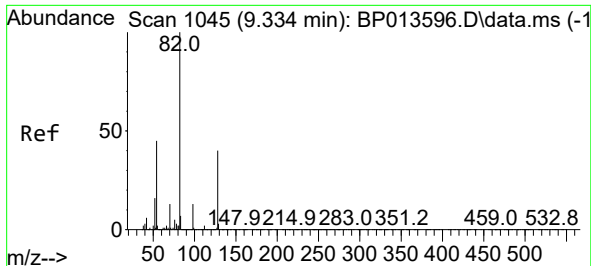


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013656.D
Acq: 30 Jan 2023 21:27

Tgt Ion: 136 Resp: 746937

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.5	6.1	9.1
68	6.8	5.0	7.4

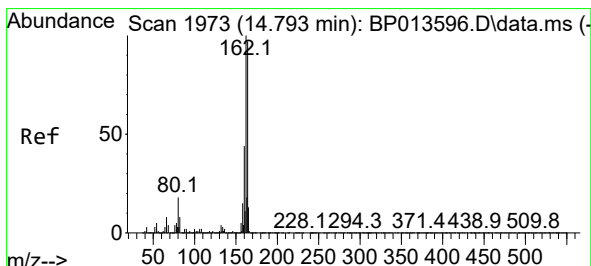
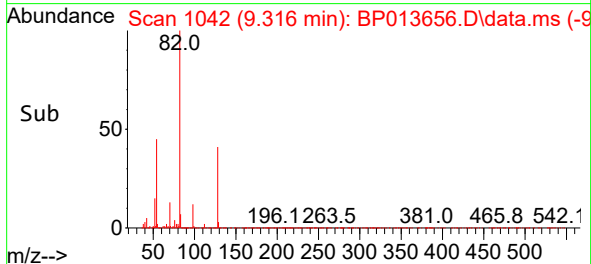
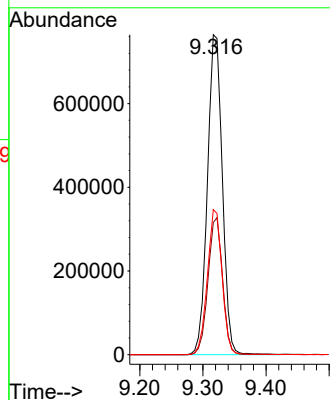
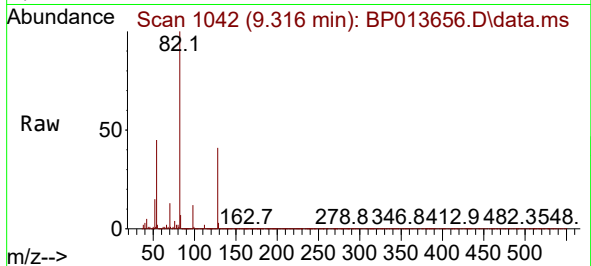




#23
Nitrobenzene-d5
Concen: 92.361 ng
RT: 9.316 min Scan# 1042
Delta R.T. -0.012 min
Lab File: BP013656.D
Acq: 30 Jan 2023 21:27

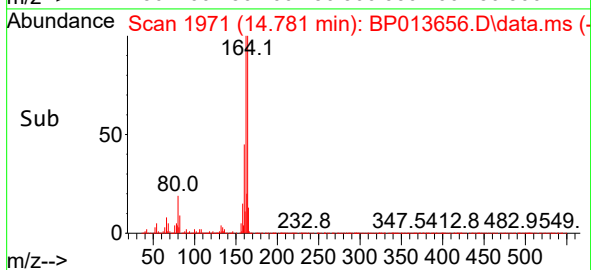
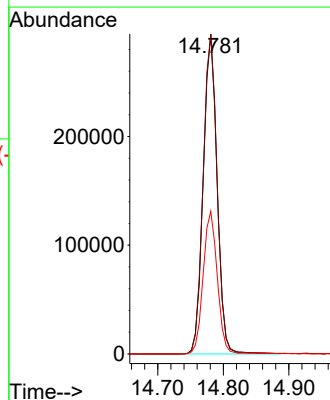
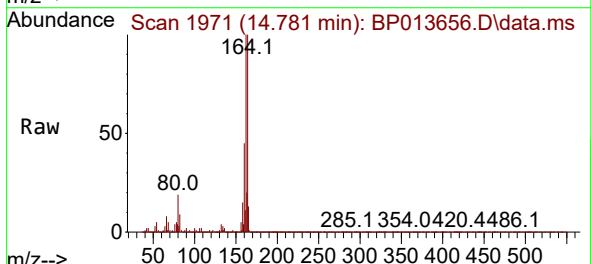
Instrument :
BNA_P
ClientSampleId :
COMP-5-BORING-2-0-7

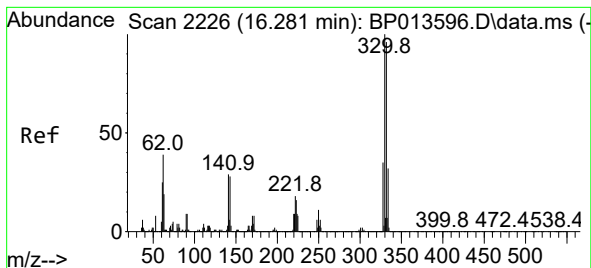
Tgt Ion: 82 Resp: 1255518
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.8
54 45.4 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP013656.D
Acq: 30 Jan 2023 21:27

Tgt Ion: 164 Resp: 432293
Ion Ratio Lower Upper
164 100
162 100.2 82.3 123.5
160 44.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 140.733 ng

RT: 16.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013656.D

Acq: 30 Jan 2023 21:27

Instrument :

BNA_P

ClientSampleId :

COMP-5-BORING-2-0-7

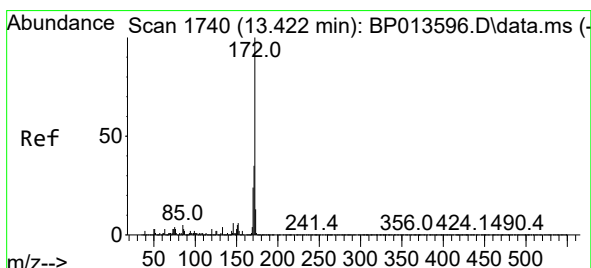
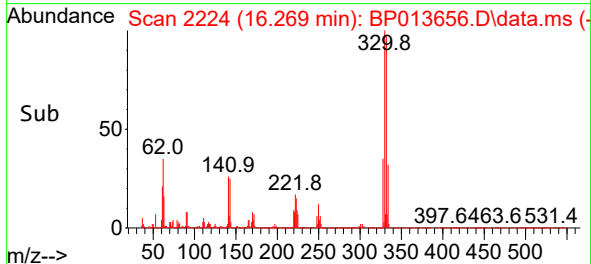
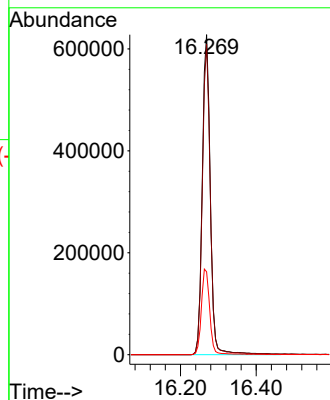
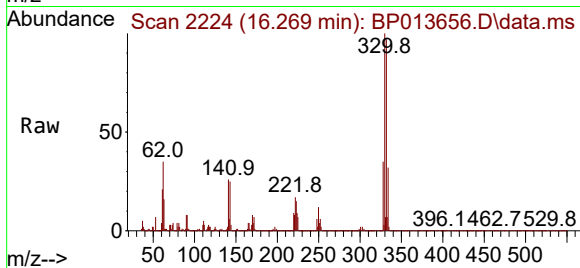
Tgt Ion:330 Resp: 926248

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

141 27.6 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 106.499 ng

RT: 13.404 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP013656.D

Acq: 30 Jan 2023 21:27

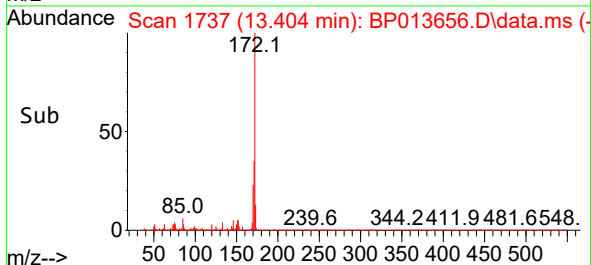
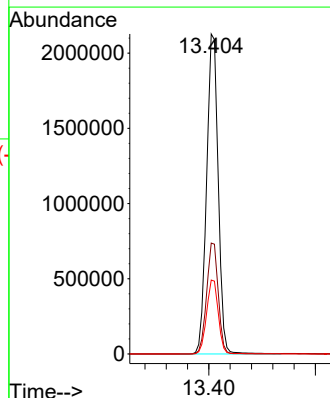
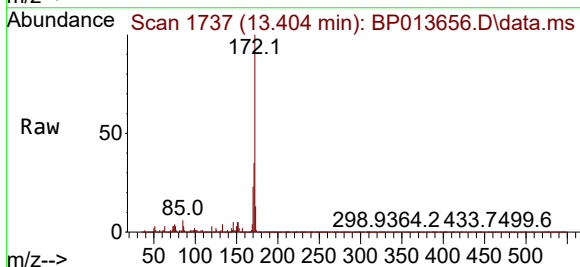
Tgt Ion:172 Resp: 3223506

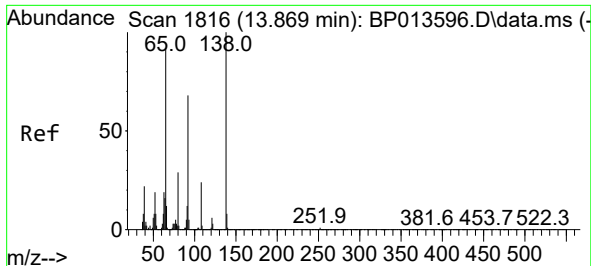
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 23.1 19.1 28.7

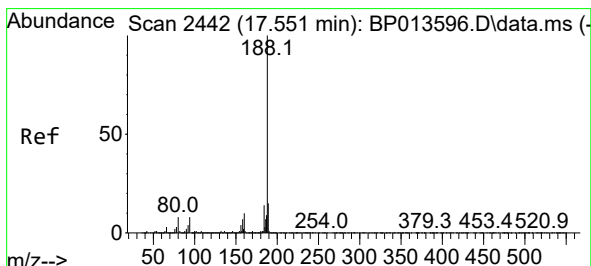
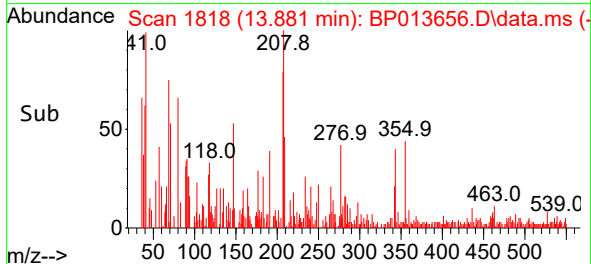
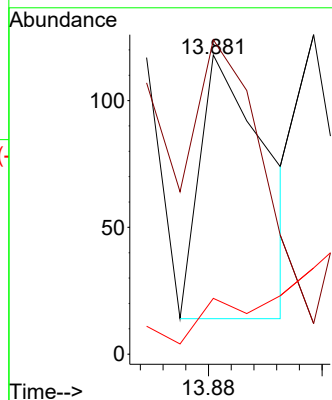
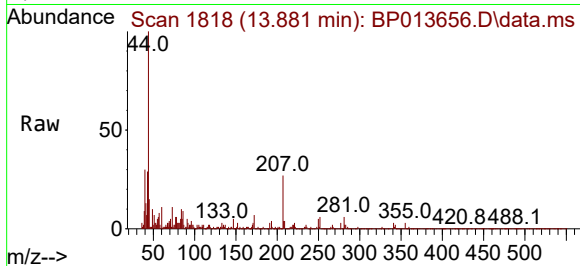




#48
2-Nitroaniline
Concen: 3.933 ng
RT: 13.881 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP013656.D
Acq: 30 Jan 2023 21:27

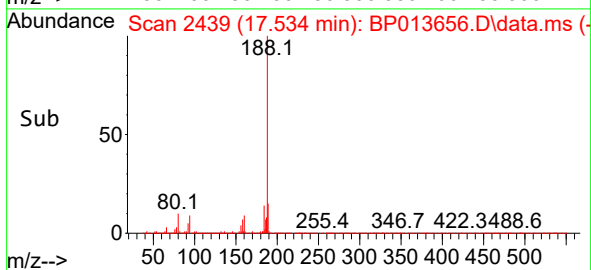
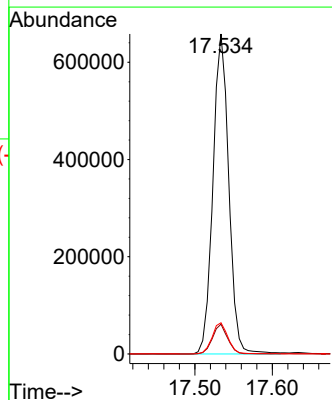
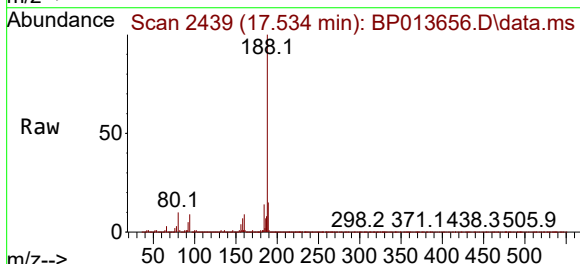
Instrument :
BNA_P
ClientSampleId :
COMP-5-BORING-2-0-7

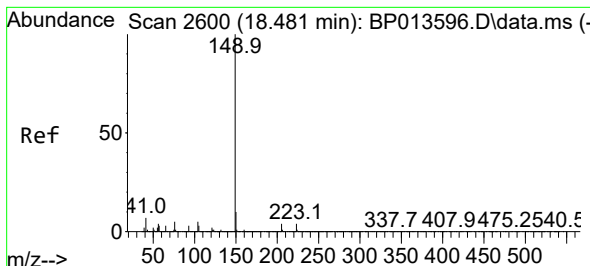
Tgt Ion: 65 Resp: 85
Ion Ratio Lower Upper
65 100
92 105.1 59.5 89.3#
138 18.6 87.1 130.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.534 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP013656.D
Acq: 30 Jan 2023 21:27

Tgt Ion:188 Resp: 933893
Ion Ratio Lower Upper
188 100
94 9.3 6.1 9.1#
80 9.7 6.6 10.0





#74

Di-n-butylphthalate

Concen: 4.030 ng

RT: 18.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013656.D

Acq: 30 Jan 2023 21:27

Instrument :

BNA_P

ClientSampleId :

COMP-5-BORING-2-0-7

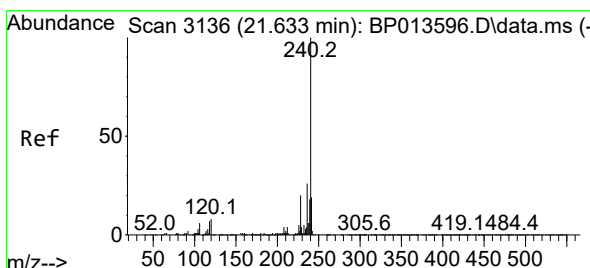
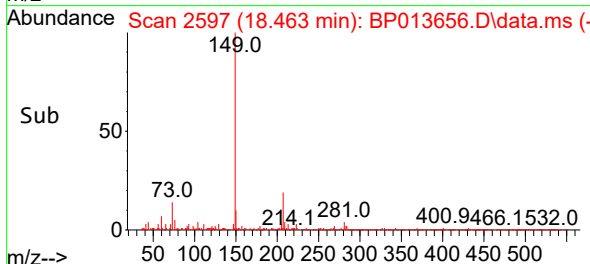
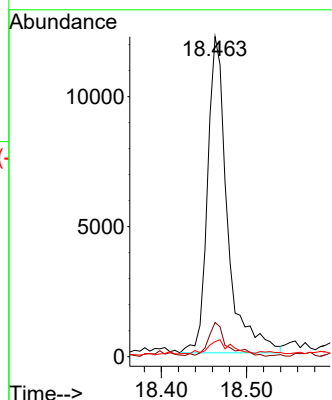
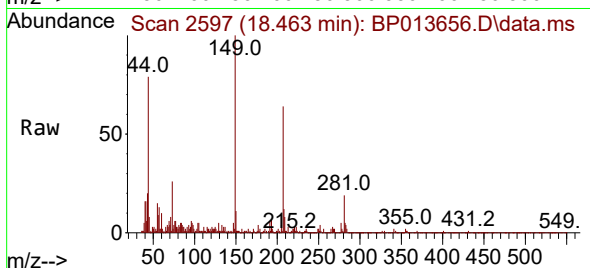
Tgt Ion:149 Resp: 19739

Ion Ratio Lower Upper

149 100

150 10.7 7.6 11.4

104 4.7 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: BP013656.D

Acq: 30 Jan 2023 21:27

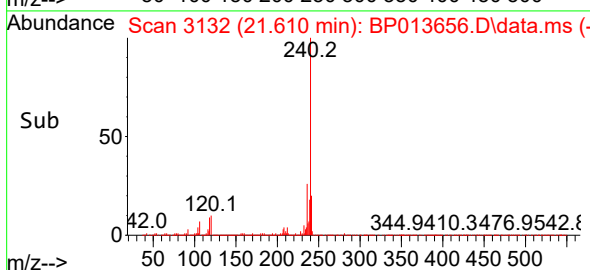
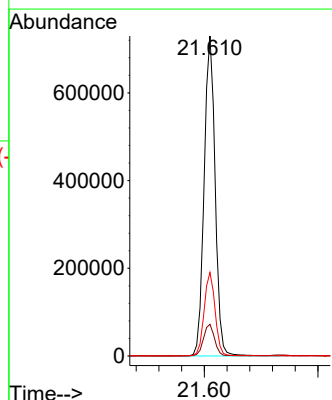
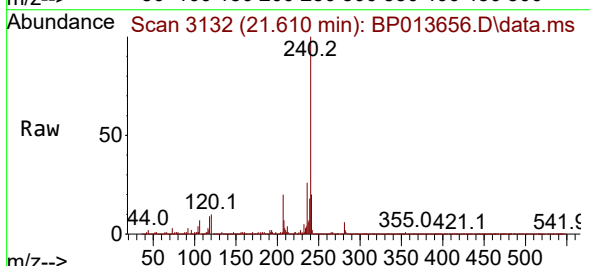
Tgt Ion:240 Resp: 978781

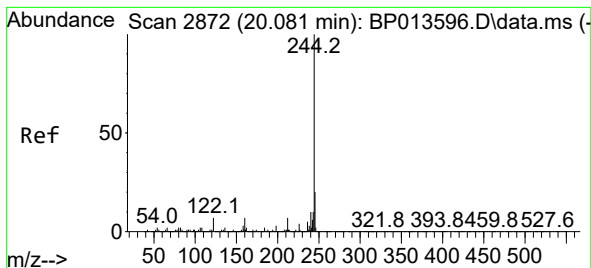
Ion Ratio Lower Upper

240 100

120 9.9 6.7 10.1

236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 95.897 ng

RT: 20.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013656.D

Acq: 30 Jan 2023 21:27

Instrument :

BNA_P

ClientSampleId :

COMP-5-BORING-2-0-7

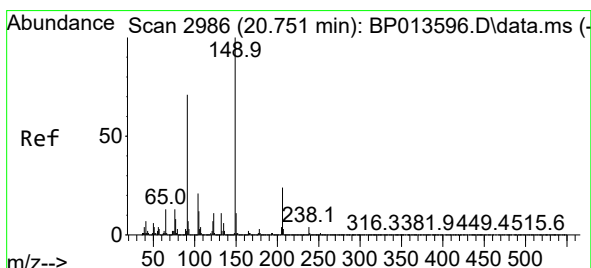
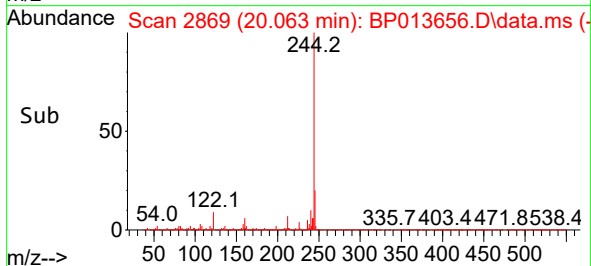
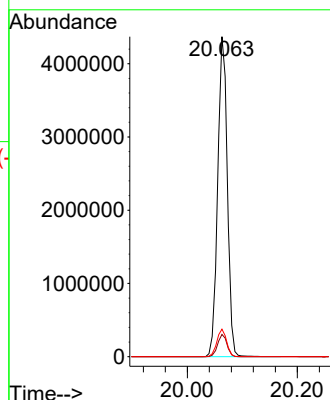
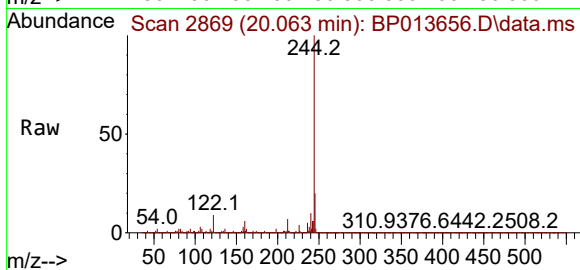
Tgt Ion:244 Resp: 5319044

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 8.6 5.3 7.9#



#80

Butylbenzylphthalate

Concen: 6.145 ng

RT: 20.733 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BP013656.D

Acq: 30 Jan 2023 21:27

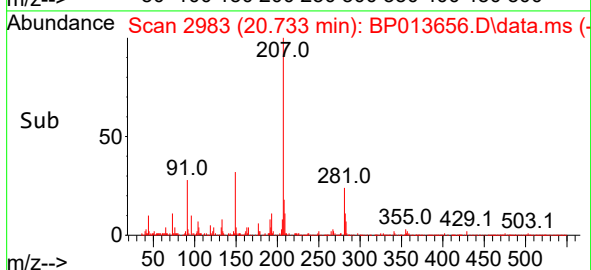
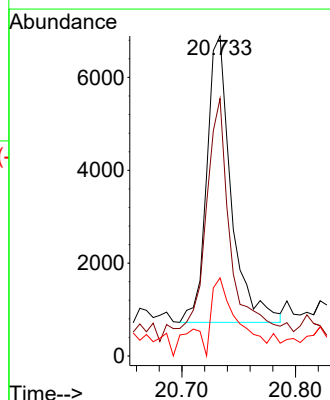
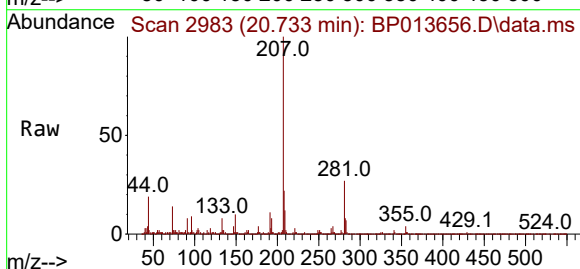
Tgt Ion:149 Resp: 9199

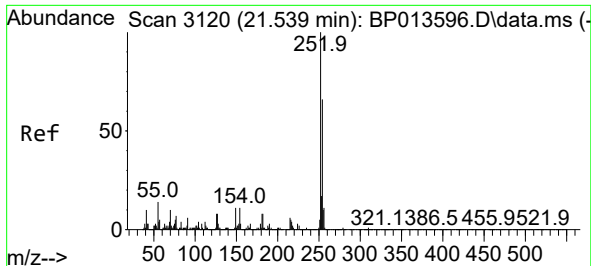
Ion Ratio Lower Upper

149 100

91 80.4 57.0 85.6

206 24.4 19.0 28.6

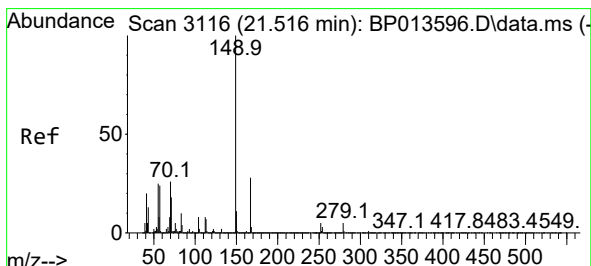
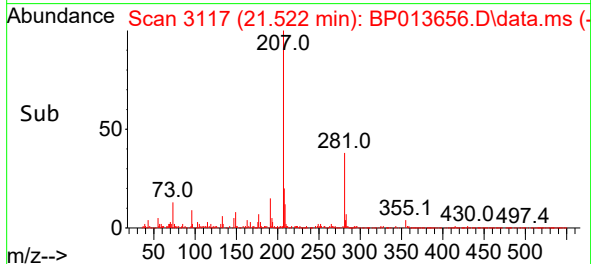
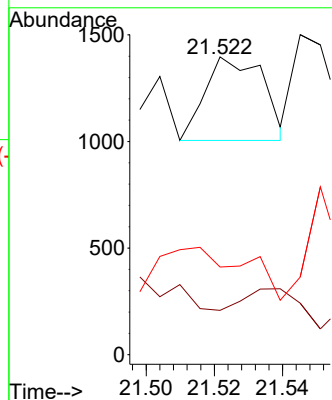
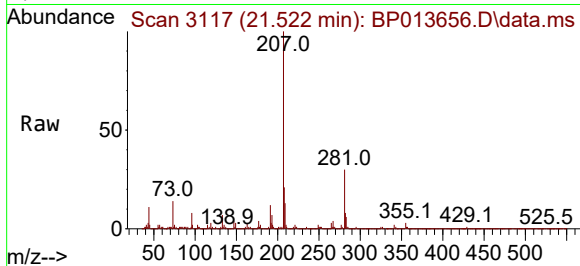




#82
3,3'-Dichlorobenzidine
Concen: 6.377 ng
RT: 21.522 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP013656.D
Acq: 30 Jan 2023 21:27

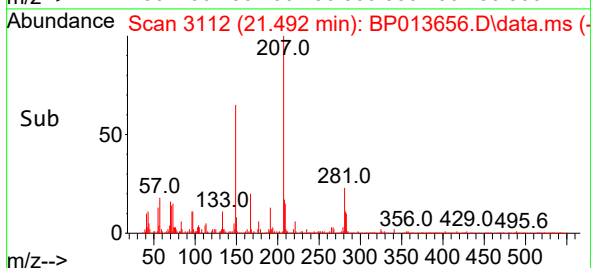
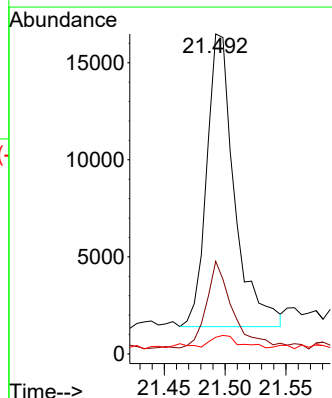
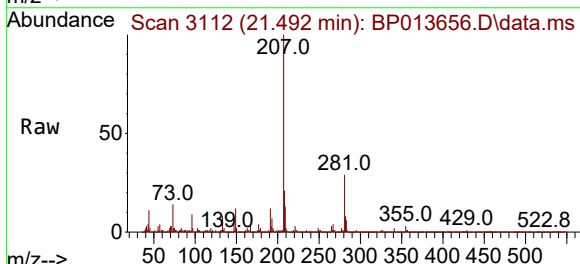
Instrument :
BNA_P
ClientSampleId :
COMP-5-BORING-2-0-7

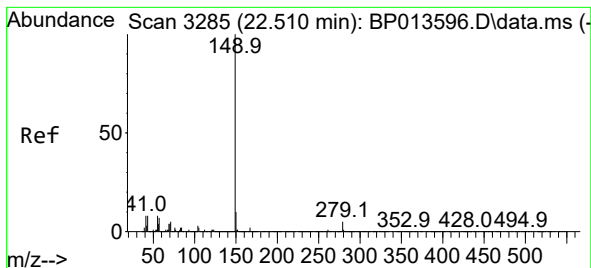
Tgt Ion:252 Resp: 461
Ion Ratio Lower Upper
252 100
254 14.9 52.3 78.5#
126 29.4 6.2 9.4#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.978 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP013656.D
Acq: 30 Jan 2023 21:27

Tgt Ion:149 Resp: 23868
Ion Ratio Lower Upper
149 100
167 29.0 22.2 33.4
279 5.2 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 4.399 ng

RT: 22.480 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013656.D

Acq: 30 Jan 2023 21:27

Instrument :

BNA_P

ClientSampleId :

COMP-5-BORING-2-0-7

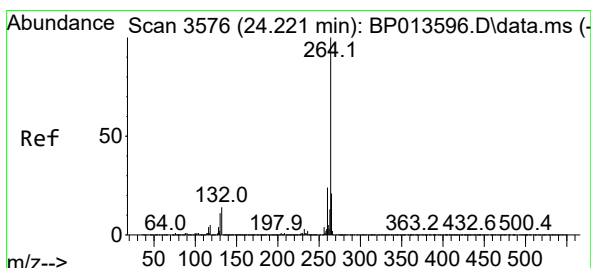
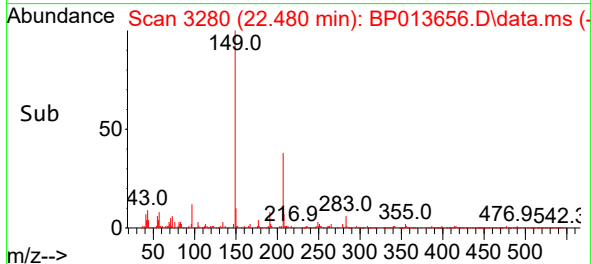
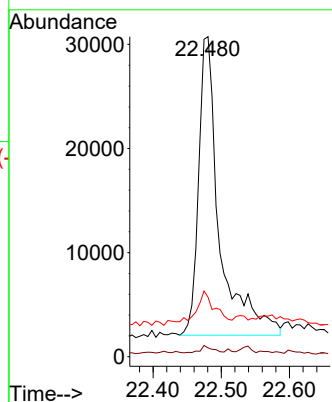
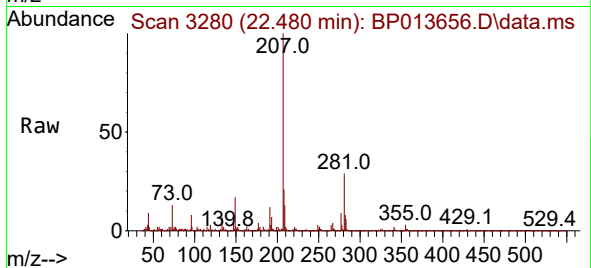
Tgt Ion:149 Resp: 61383

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.4 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: BP013656.D

Acq: 30 Jan 2023 21:27

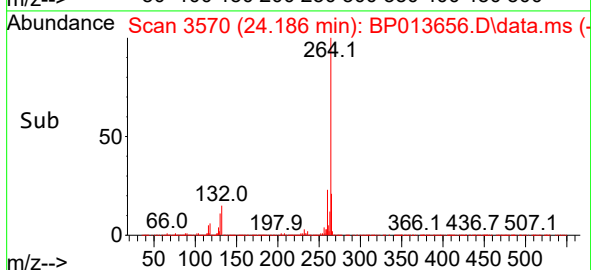
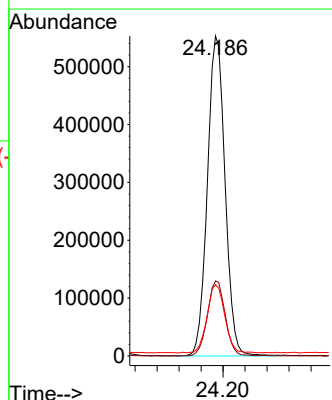
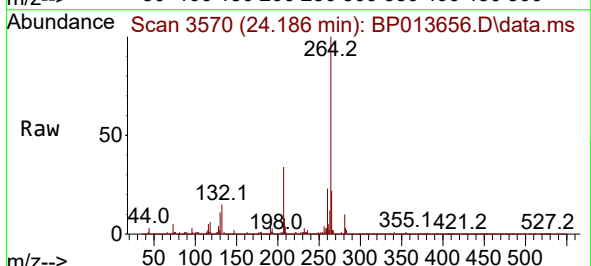
Tgt Ion:264 Resp: 1234788

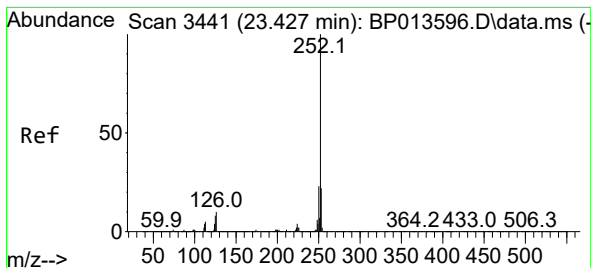
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 22.3 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 2.813 ng

RT: 23.392 min Scan# 3441

Delta R.T. -0.018 min

Lab File: BP013656.D

Acq: 30 Jan 2023 21:27

Instrument :

BNA_P

ClientSampleId :

COMP-5-BORING-2-0-7

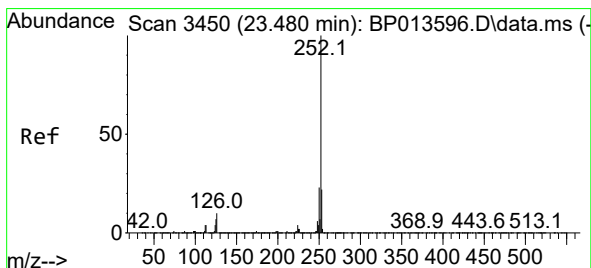
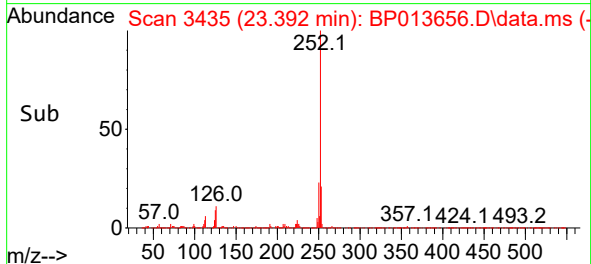
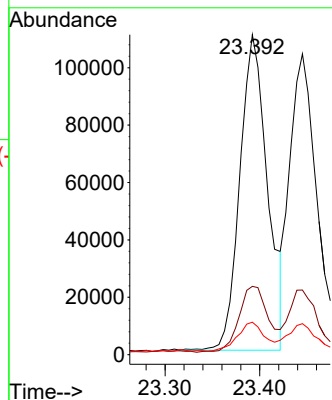
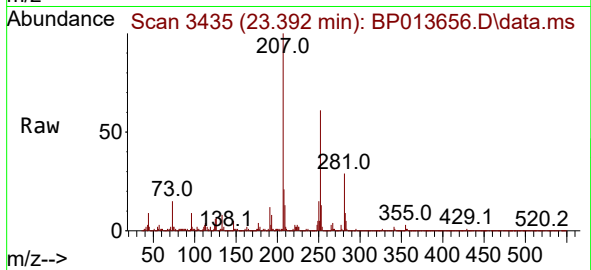
Tgt Ion:252 Resp: 222991

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 10.1 6.2 9.4#



#89

Benzo(k)fluoranthene

Concen: 2.817 ng

RT: 23.445 min Scan# 3444

Delta R.T. -0.018 min

Lab File: BP013656.D

Acq: 30 Jan 2023 21:27

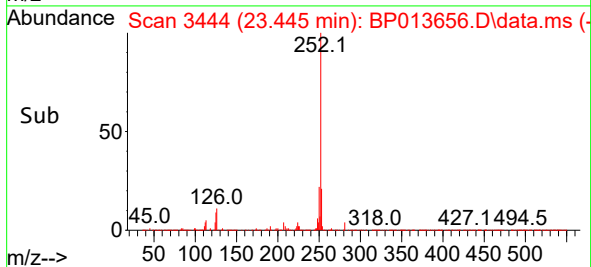
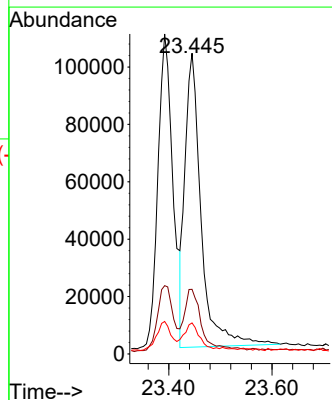
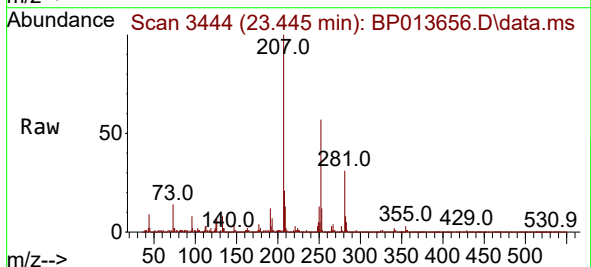
Tgt Ion:252 Resp: 221732

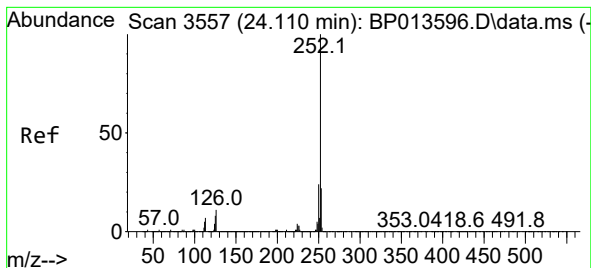
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 10.3 5.9 8.9#





#90

Benzo(a)pyrene

Concen: 2.062 ng

RT: 24.074 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP013656.D

Acq: 30 Jan 2023 21:27

Instrument :

BNA_P

ClientSampleId :

COMP-5-BORING-2-0-7

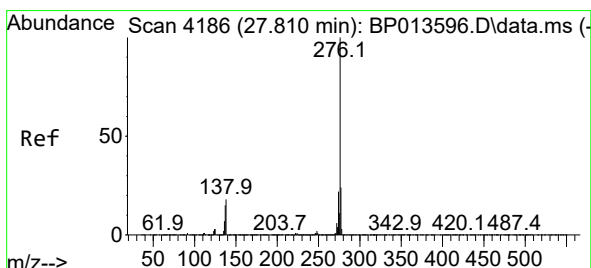
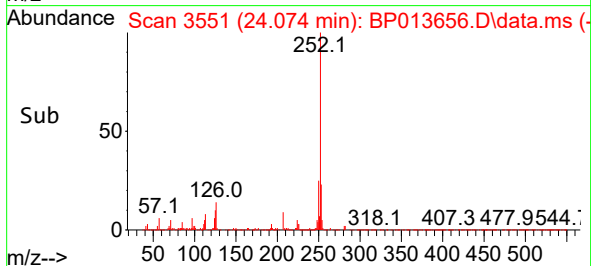
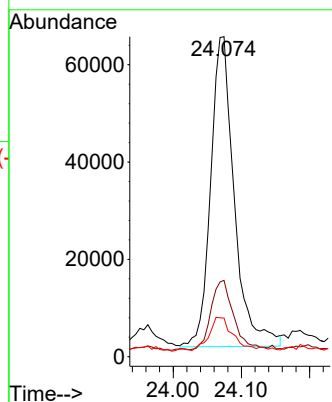
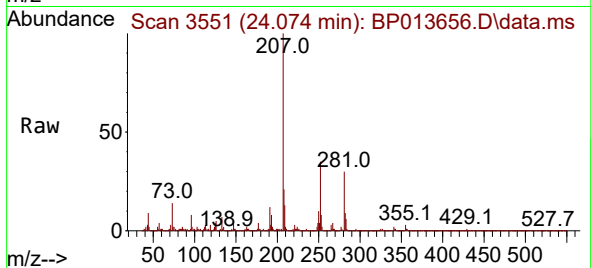
Tgt Ion:252 Resp: 153866

Ion Ratio Lower Upper

252 100

253 23.8 17.2 25.8

125 12.0 6.8 10.2#



#92

Benzo(g,h,i)perylene

Concen: 2.108 ng

RT: 27.739 min Scan# 4174

Delta R.T. -0.047 min

Lab File: BP013656.D

Acq: 30 Jan 2023 21:27

Tgt Ion:276 Resp: 149926

Ion Ratio Lower Upper

276 100

277 33.4 18.9 28.3#

138 18.3 14.3 21.5

