

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
 Data File : BP013650.D
 Acq On : 30 Jan 2023 18:01
 Operator : CG/JU
 Sample : 01328-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1-BORING-1-0-7

Quant Time: Jan 31 04:41:40 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)

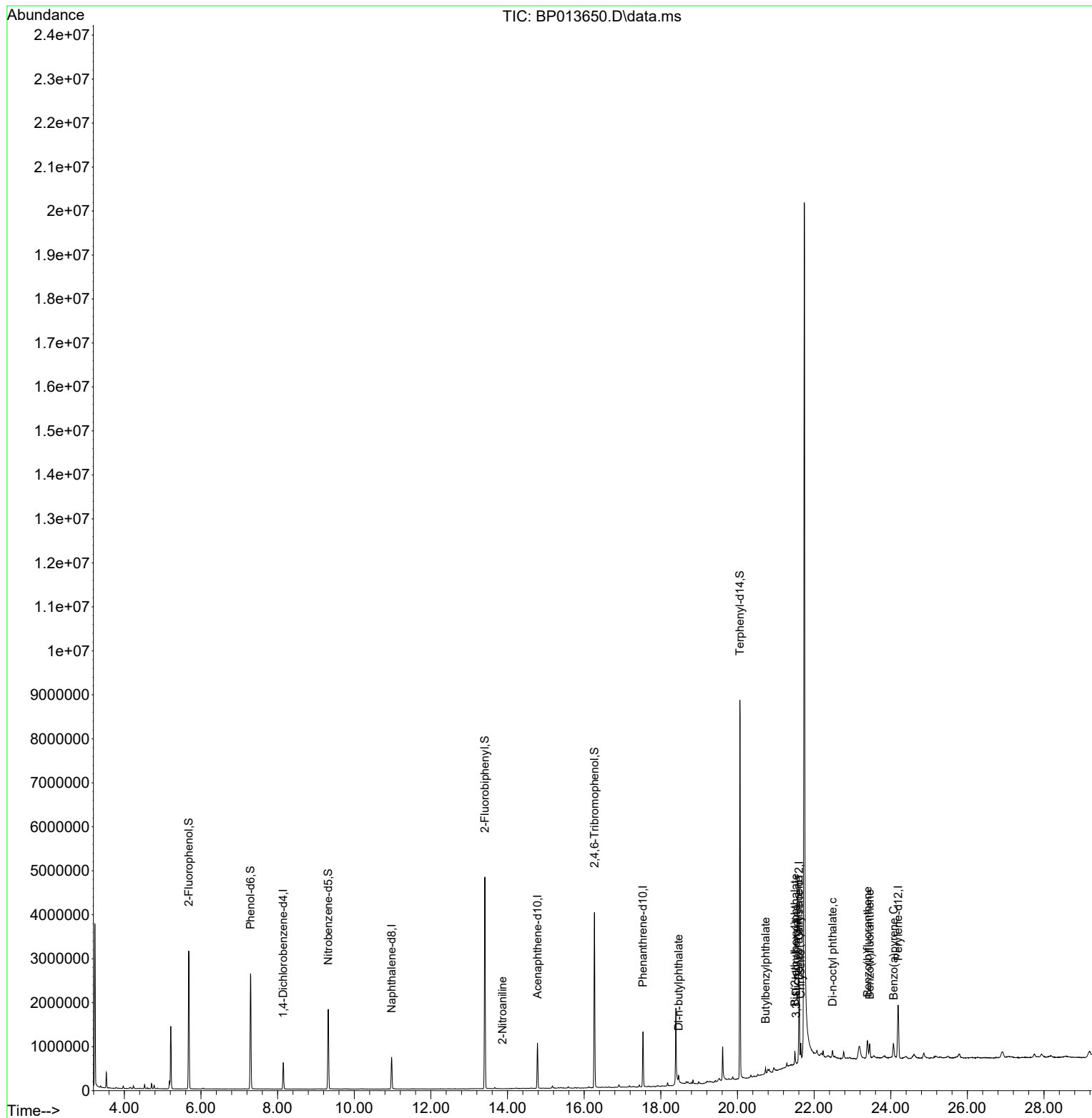
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	169924	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	603365	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	362770	20.000	ng	0.00
64) Phenanthrene-d10	17.534	188	796736	20.000	ng	0.00
76) Chrysene-d12	21.610	240	837657	20.000	ng	-0.01
86) Perylene-d12	24.192	264	1033996	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1366324	144.088	ng	0.00
7) Phenol-d6	7.293	99	1568973	122.482	ng	0.00
23) Nitrobenzene-d5	9.322	82	1092469	99.490	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	827184	149.767	ng	0.00
45) 2-Fluorobiphenyl	13.410	172	2629655	103.529	ng	0.00
79) Terphenyl-d14	20.063	244	4424880	93.216	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	13.869	65	266	3.969	ng	# 28
74) Di-n-butylphthalate	18.463	149	118654	6.820	ng	99
80) Butylbenzylphthalate	20.733	149	47970	10.141	ng	99
81) Benzo(a)anthracene	21.598	228	231247	3.920	ng	99
82) 3,3'-Dichlorobenzidine	21.533	252	3079	6.533	ng	# 56
83) Chrysene	21.651	228	266264	4.804	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	145751	14.675	ng	96
85) Di-n-octyl phthalate	22.480	149	163640	11.772	ng	# 92
88) Benzo(b)fluoranthene	23.398	252	299724	4.515	ng	97
89) Benzo(k)fluoranthene	23.451	252	318873	4.839	ng	# 98
90) Benzo(a)pyrene	24.074	252	210085	3.362	ng	# 97

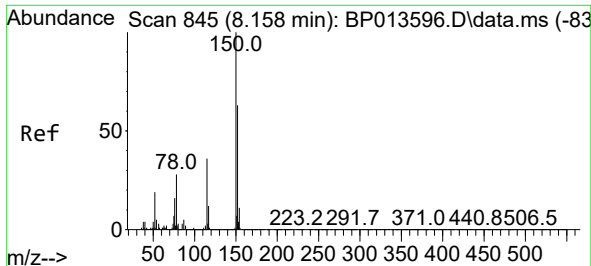
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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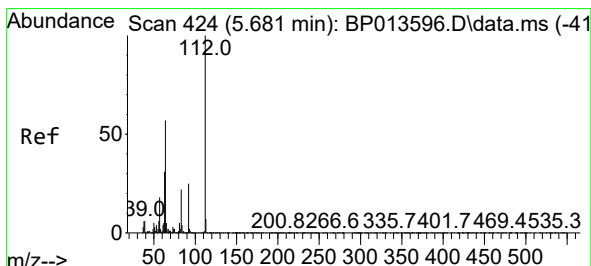
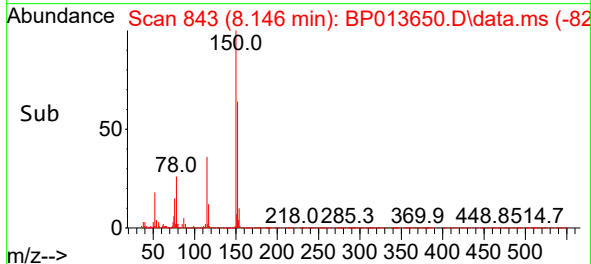
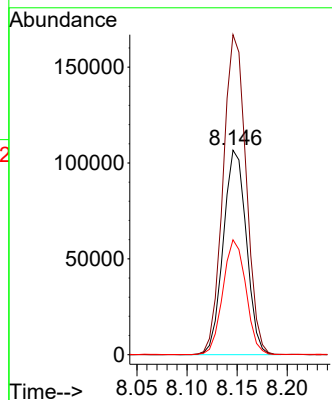
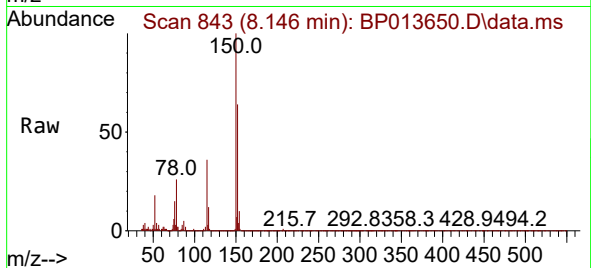




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

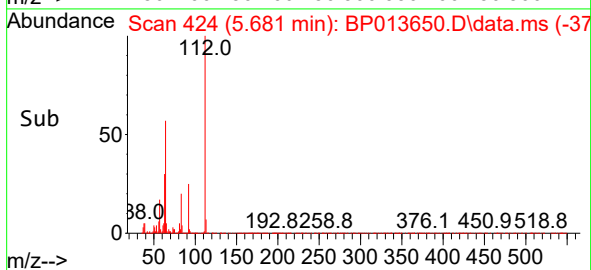
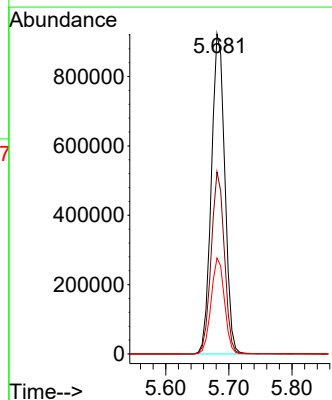
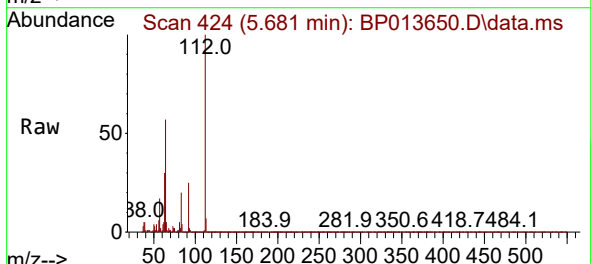
Instrument :
BNA_P
ClientSampleId :
COMP-1-BORING-1-0-7

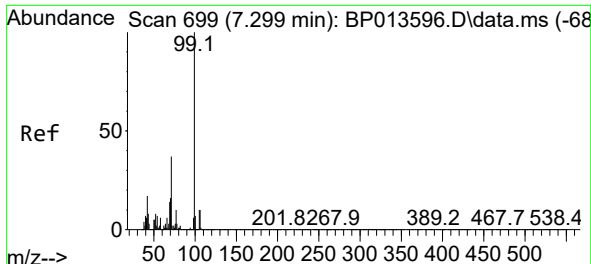
Tgt Ion:152 Resp: 169924
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 56.2 45.1 67.7



#5
2-Fluorophenol
Concen: 144.088 ng
RT: 5.681 min Scan# 424
Delta R.T. -0.000 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

Tgt Ion:112 Resp: 1366324
Ion Ratio Lower Upper
112 100
64 56.9 45.5 68.3
63 30.0 25.1 37.7



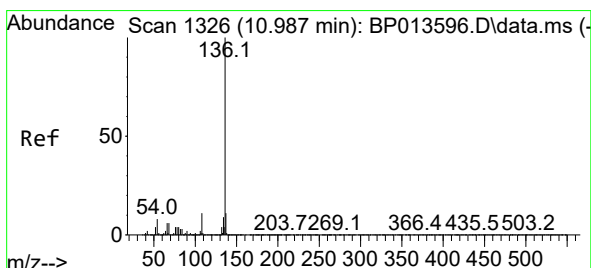
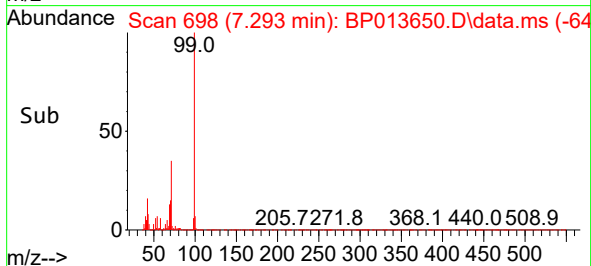
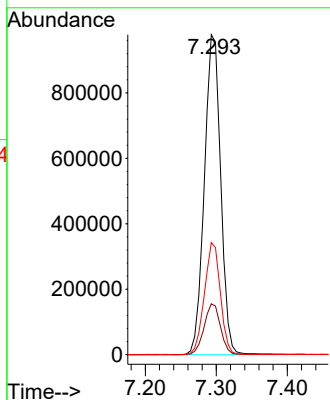
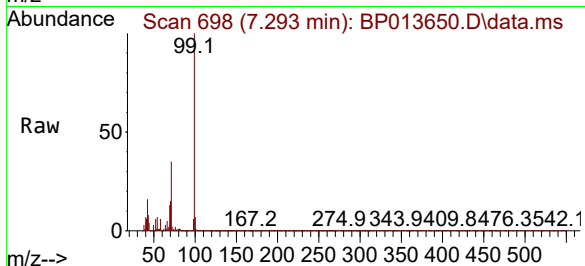


#7
Phenol-d6
Concen: 122.482 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

Instrument :
BNA_P
ClientSampleId :
COMP-1-BORING-1-0-7

Tgt Ion: 99 Resp: 1568973

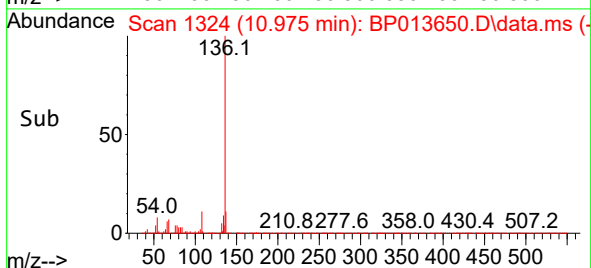
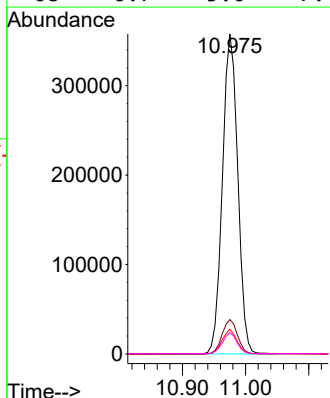
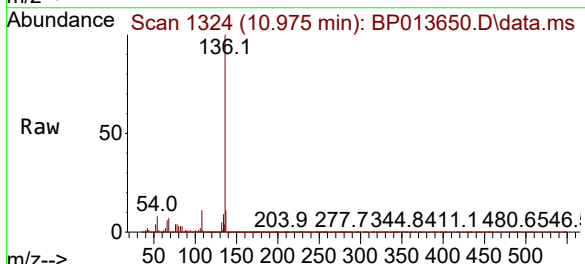
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.4	20.2
71	35.1	29.9	44.9

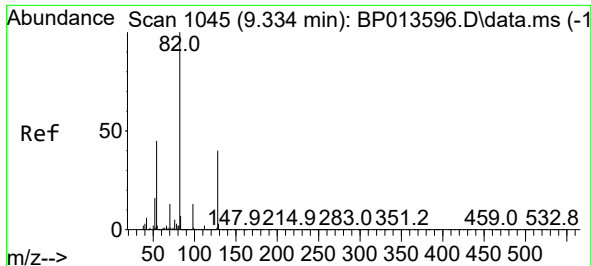


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

Tgt Ion: 136 Resp: 603365

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.8	6.1	9.1
68	6.7	5.0	7.4

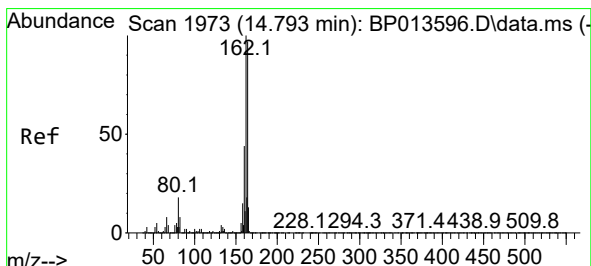
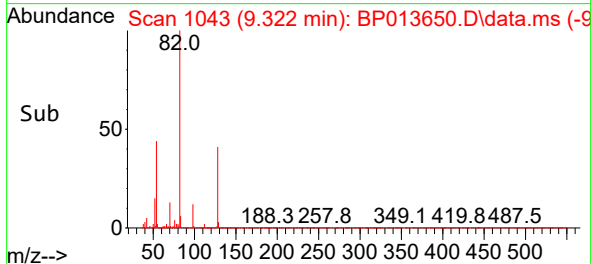
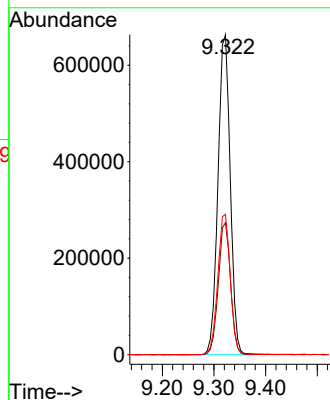
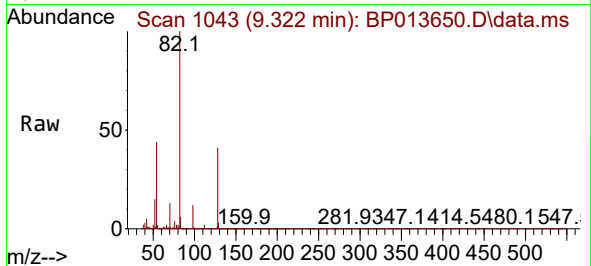




#23
Nitrobenzene-d5
Concen: 99.490 ng
RT: 9.322 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

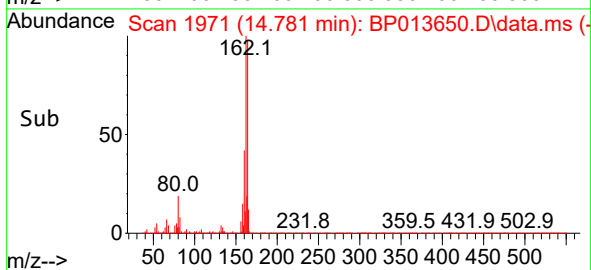
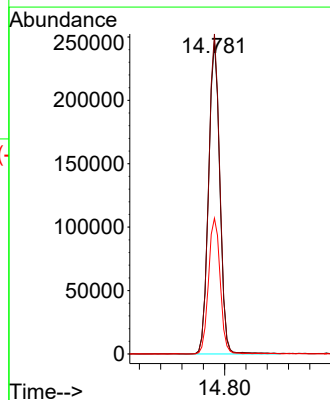
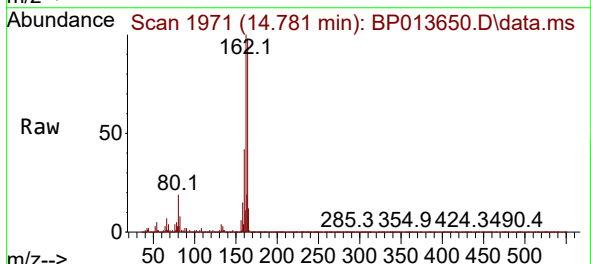
Instrument :
BNA_P
ClientSampleId :
COMP-1-BORING-1-0-7

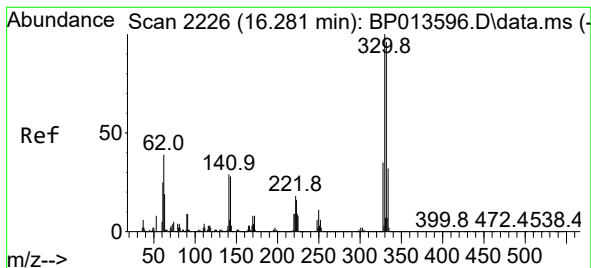
Tgt Ion: 82 Resp: 1092469
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.8
54 43.9 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

Tgt Ion:164 Resp: 362770
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 43.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 149.767 ng

RT: 16.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013650.D

Acq: 30 Jan 2023 18:01

Instrument :

BNA_P

ClientSampleId :

COMP-1-BORING-1-0-7

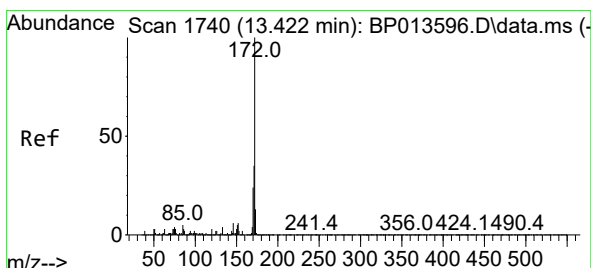
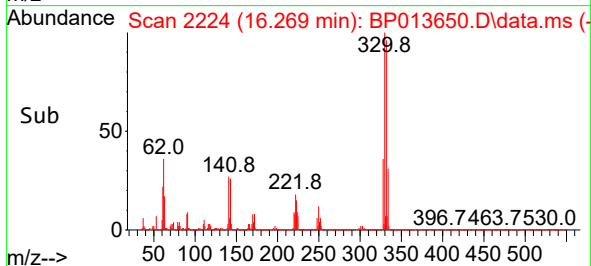
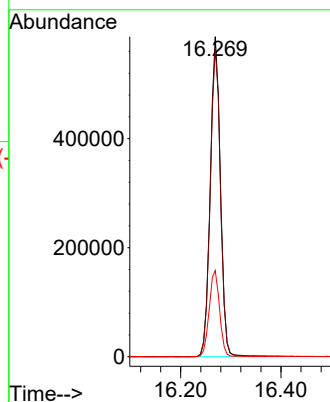
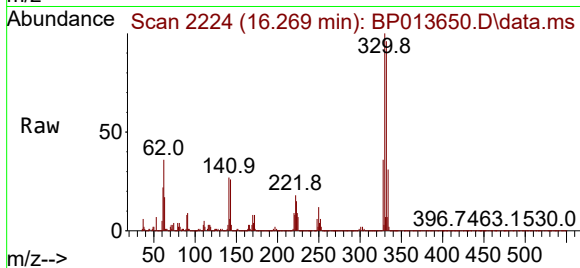
Tgt Ion:330 Resp: 827184

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 27.6 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 103.529 ng

RT: 13.410 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BP013650.D

Acq: 30 Jan 2023 18:01

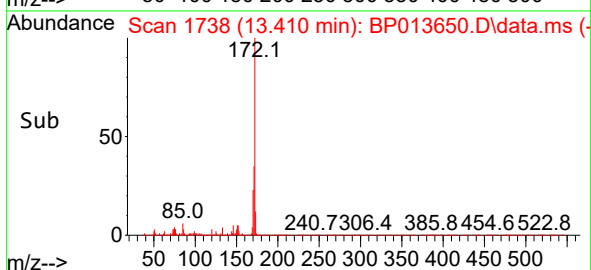
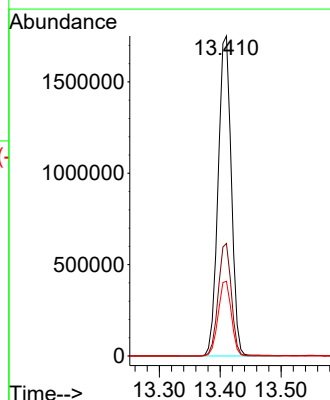
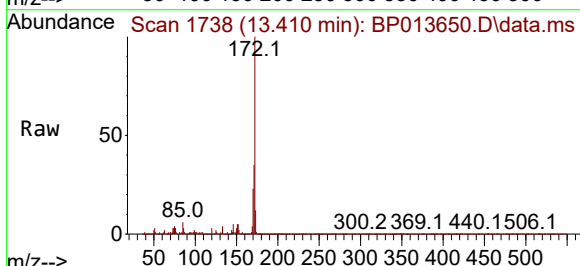
Tgt Ion:172 Resp: 2629655

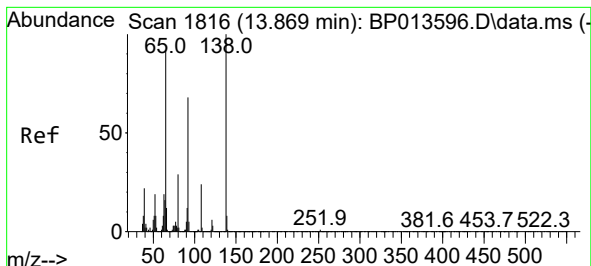
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.3 19.1 28.7

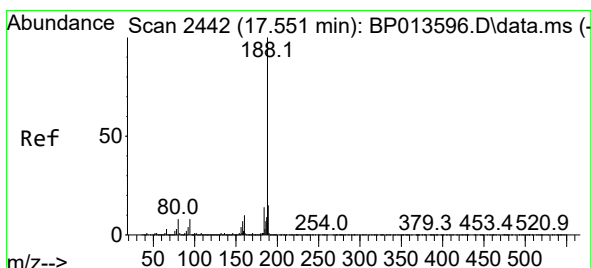
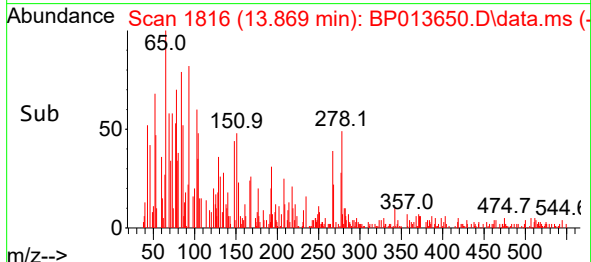
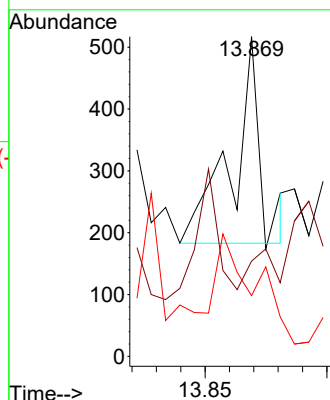
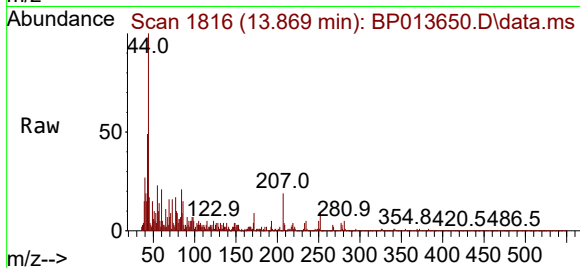




#48
2-Nitroaniline
Concen: 3.969 ng
RT: 13.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

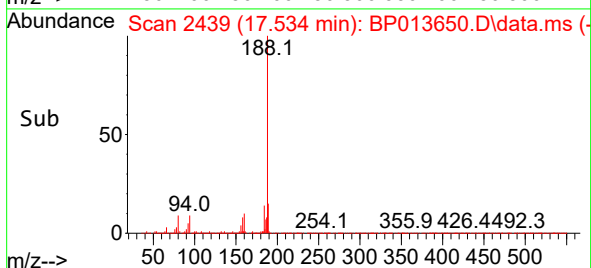
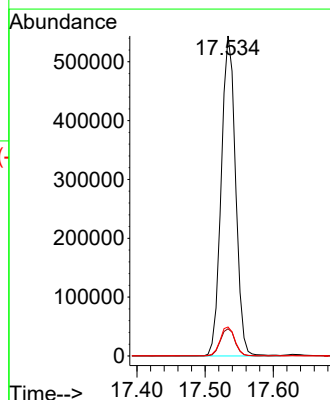
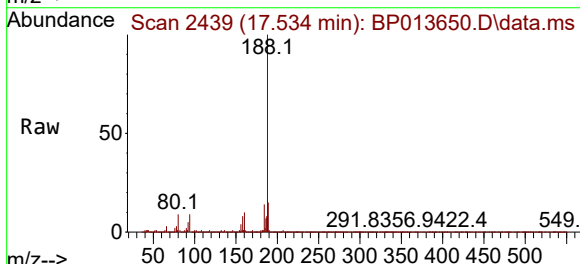
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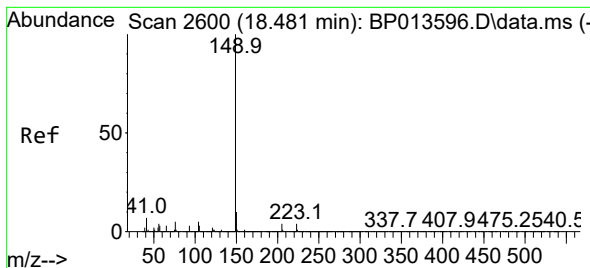
Tgt Ion: 65 Resp: 266
Ion Ratio Lower Upper
65 100
92 29.8 59.5 89.3#
138 19.0 87.1 130.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.534 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

Tgt Ion: 188 Resp: 796736
Ion Ratio Lower Upper
188 100
94 8.5 6.1 9.1
80 9.0 6.6 10.0





#74

Di-n-butylphthalate

Concen: 6.820 ng

RT: 18.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013650.D

Acq: 30 Jan 2023 18:01

Instrument :

BNA_P

ClientSampleId :

COMP-1-BORING-1-0-7

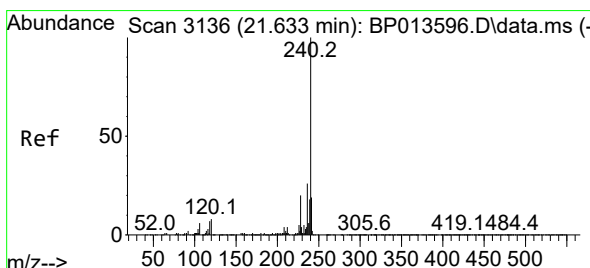
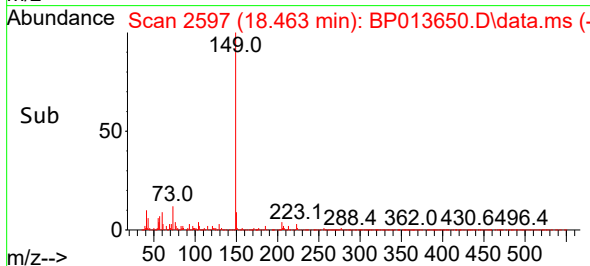
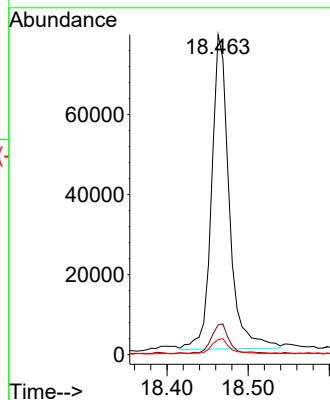
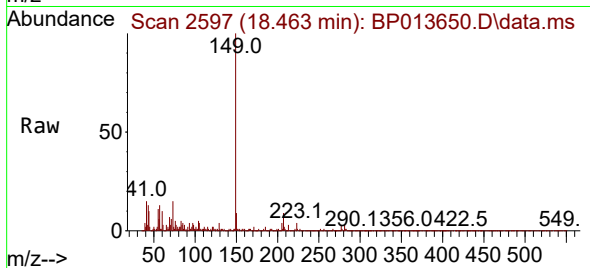
Tgt Ion:149 Resp: 118654

Ion Ratio Lower Upper

149 100

150 9.3 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: BP013650.D

Acq: 30 Jan 2023 18:01

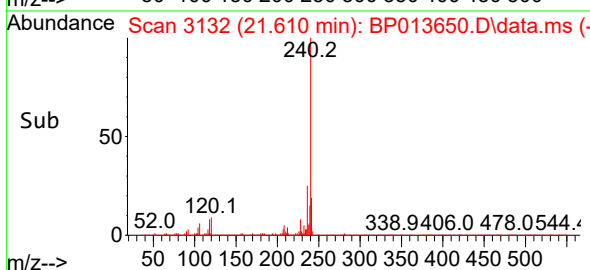
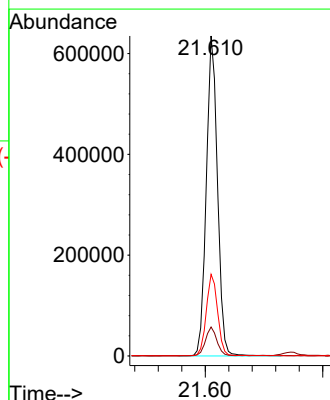
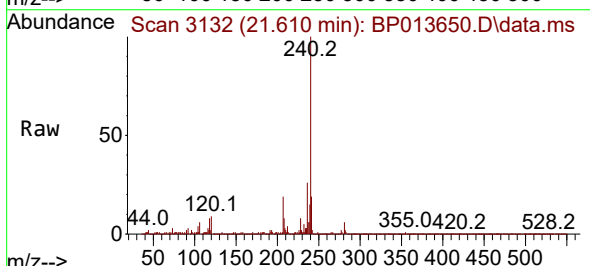
Tgt Ion:240 Resp: 837657

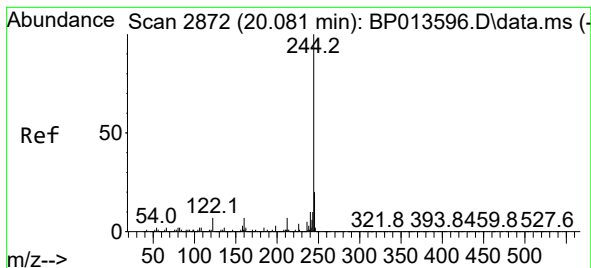
Ion Ratio Lower Upper

240 100

120 9.1 6.7 10.1

236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 93.216 ng

RT: 20.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013650.D

Acq: 30 Jan 2023 18:01

Instrument :

BNA_P

ClientSampleId :

COMP-1-BORING-1-0-7

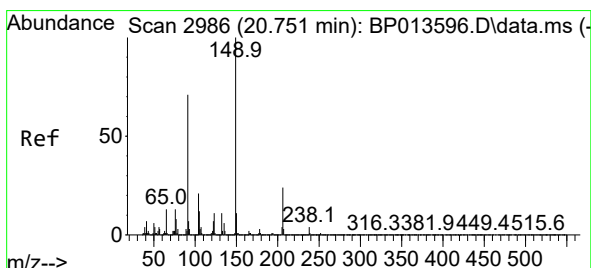
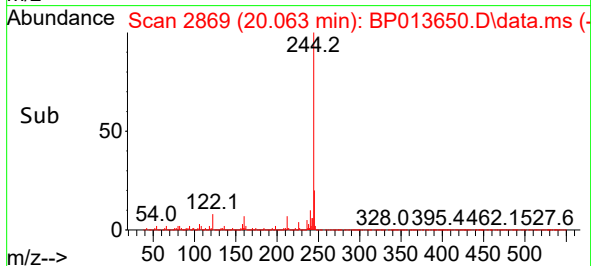
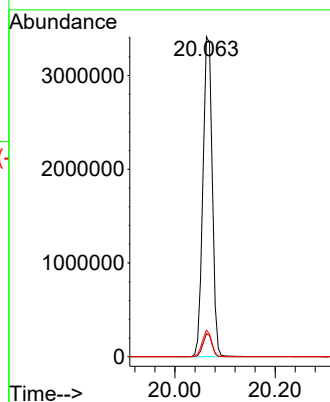
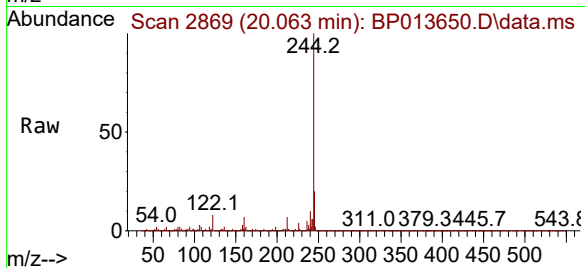
Tgt Ion:244 Resp: 4424880

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 8.2 5.3 7.9#



#80

Butylbenzylphthalate

Concen: 10.141 ng

RT: 20.733 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BP013650.D

Acq: 30 Jan 2023 18:01

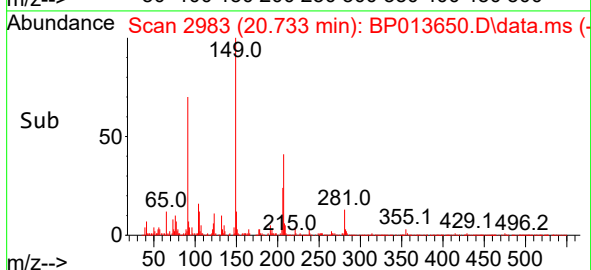
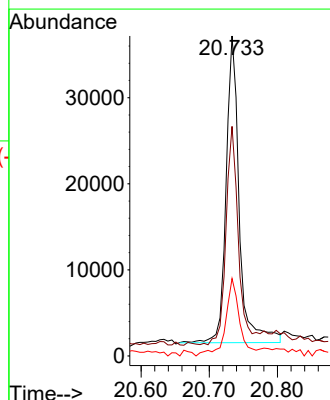
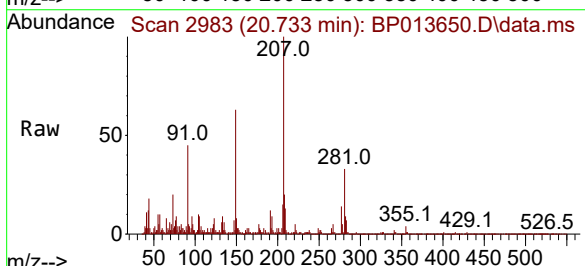
Tgt Ion:149 Resp: 47970

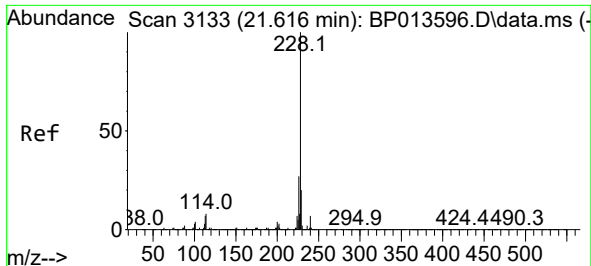
Ion Ratio Lower Upper

149 100

91 71.8 57.0 85.6

206 24.2 19.0 28.6

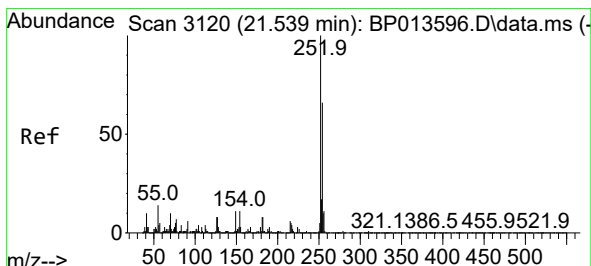
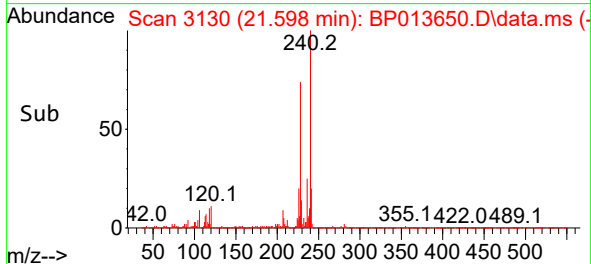
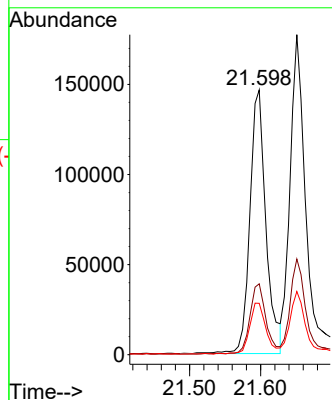
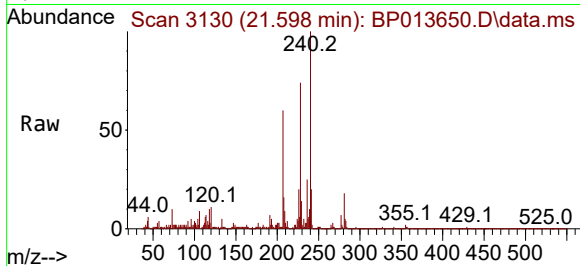




#81
Benzo(a)anthracene
Concen: 3.920 ng
RT: 21.598 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

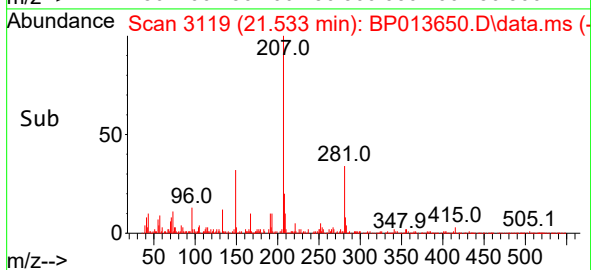
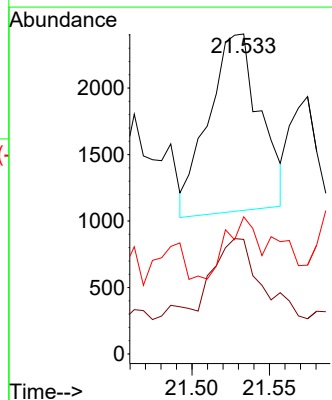
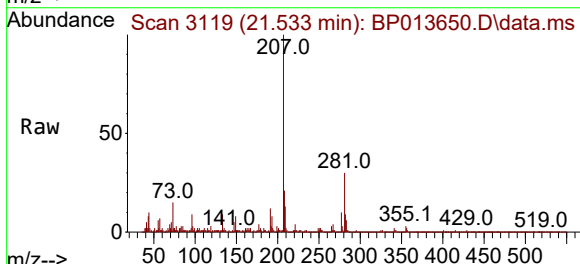
Instrument :
BNA_P
ClientSampleId :
COMP-1-BORING-1-0-7

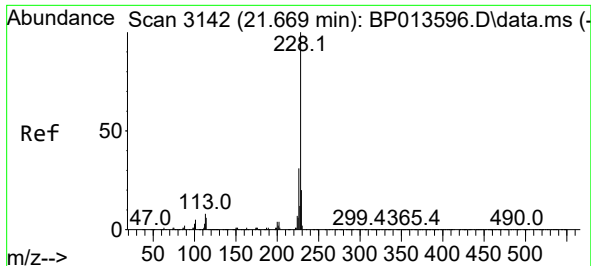
Tgt Ion:228 Resp: 231247
Ion Ratio Lower Upper
228 100
226 26.8 22.0 33.0
229 19.4 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 6.533 ng
RT: 21.533 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

Tgt Ion:252 Resp: 3079
Ion Ratio Lower Upper
252 100
254 35.8 52.3 78.5#
126 42.9 6.2 9.4#

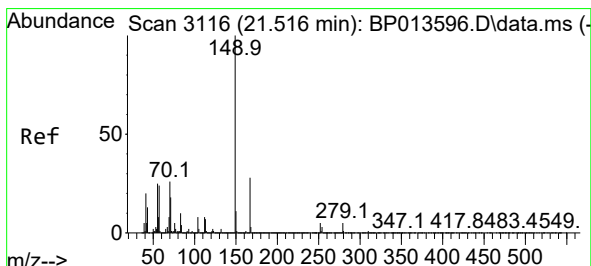
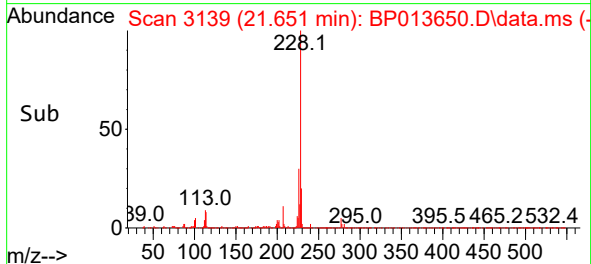
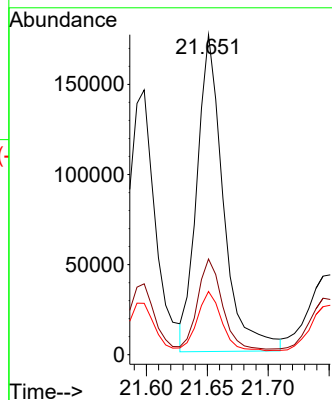
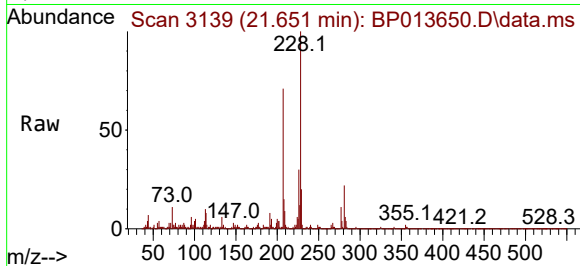




#83
Chrysene
Concen: 4.804 ng
RT: 21.651 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

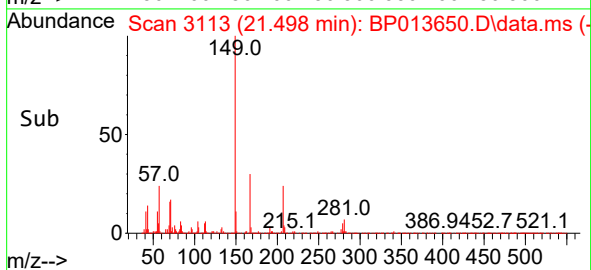
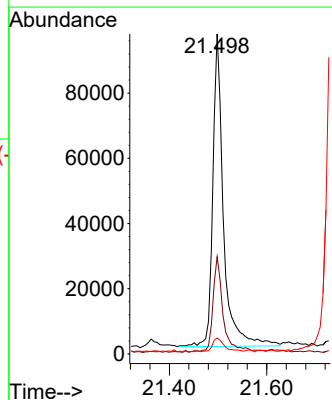
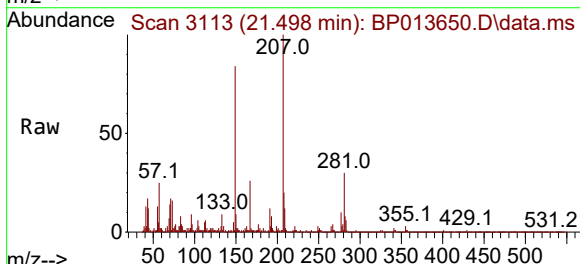
Instrument :
BNA_P
ClientSampleId :
COMP-1-BORING-1-0-7

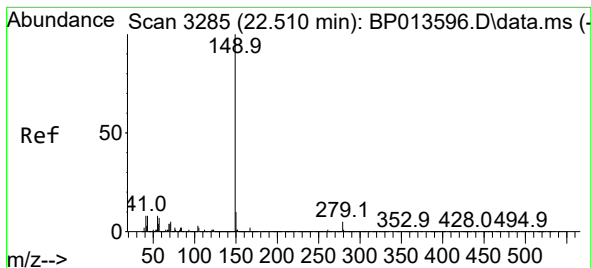
Tgt Ion:228 Resp: 266264
Ion Ratio Lower Upper
228 100
226 29.9 24.8 37.2
229 19.7 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 14.675 ng
RT: 21.498 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

Tgt Ion:149 Resp: 145751
Ion Ratio Lower Upper
149 100
167 30.4 22.2 33.4
279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 11.772 ng

RT: 22.480 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013650.D

Acq: 30 Jan 2023 18:01

Instrument :

BNA_P

ClientSampleId :

COMP-1-BORING-1-0-7

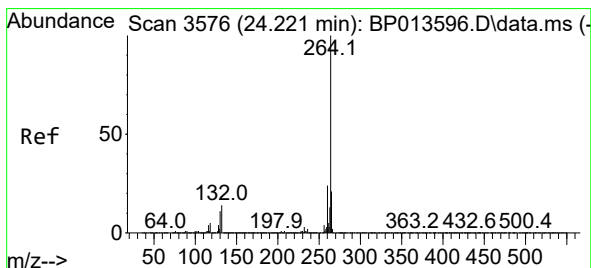
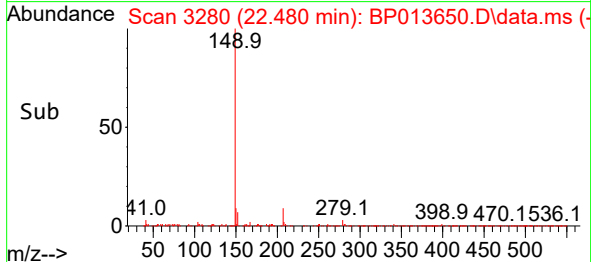
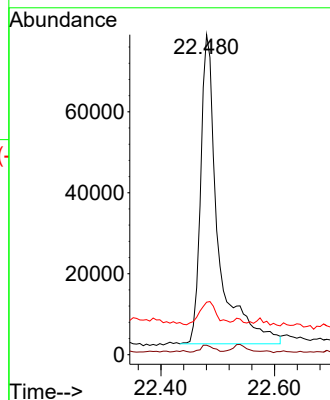
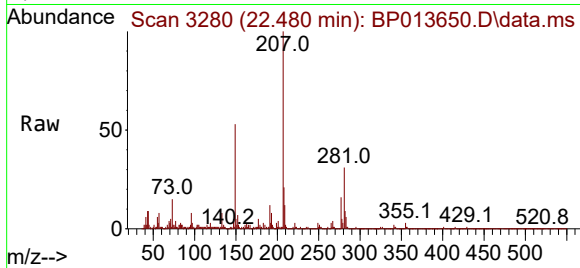
Tgt Ion:149 Resp: 163640

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 7.4 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.192 min Scan# 3571

Delta R.T. -0.012 min

Lab File: BP013650.D

Acq: 30 Jan 2023 18:01

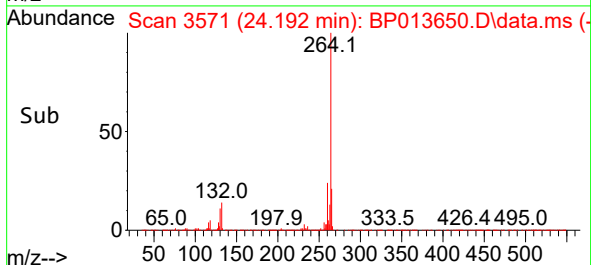
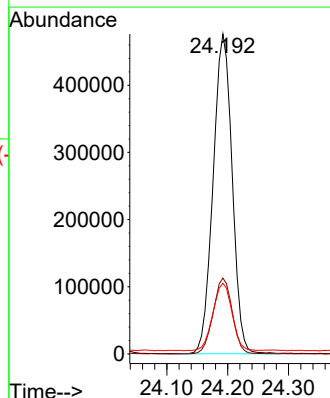
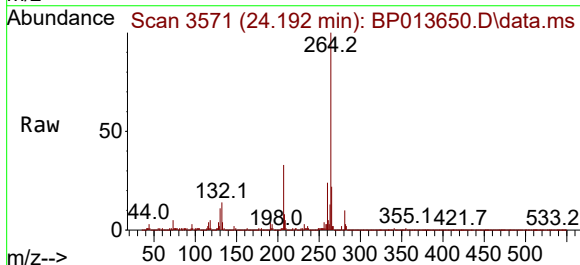
Tgt Ion:264 Resp: 1033996

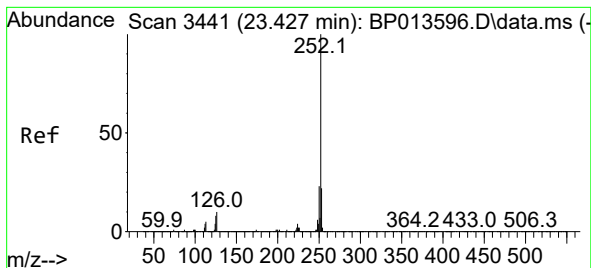
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.1 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 4.515 ng

RT: 23.398 min Scan# 3441

Delta R.T. -0.012 min

Lab File: BP013650.D

Acq: 30 Jan 2023 18:01

Instrument :

BNA_P

ClientSampleId :

COMP-1-BORING-1-0-7

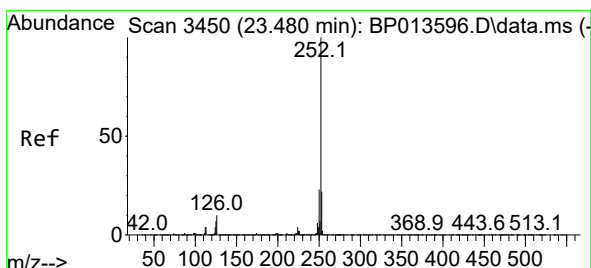
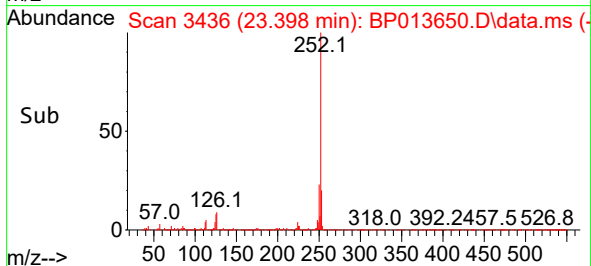
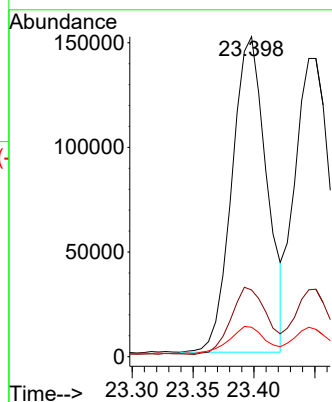
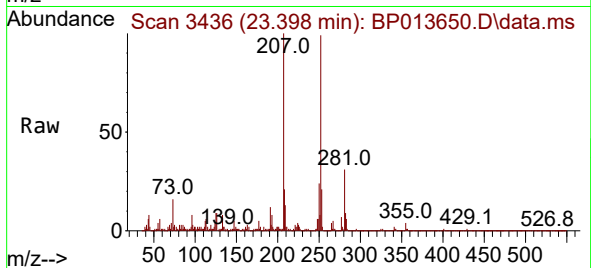
Tgt Ion:252 Resp: 299724

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.8

125 9.2 6.2 9.4



#89

Benzo(k)fluoranthene

Concen: 4.839 ng

RT: 23.451 min Scan# 3445

Delta R.T. -0.012 min

Lab File: BP013650.D

Acq: 30 Jan 2023 18:01

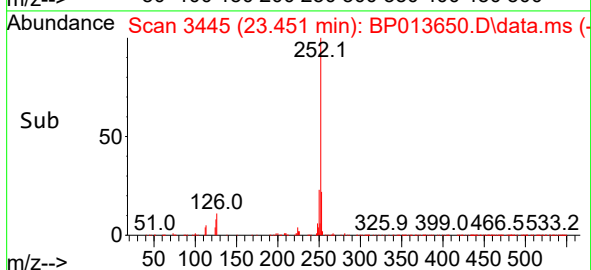
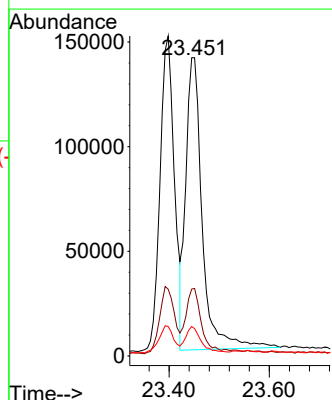
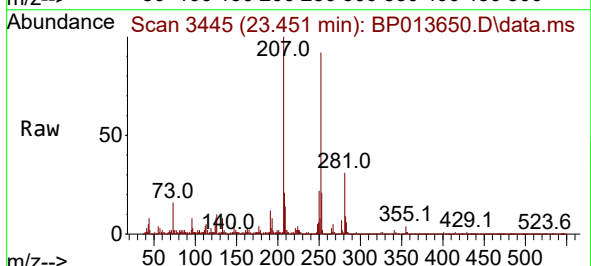
Tgt Ion:252 Resp: 318873

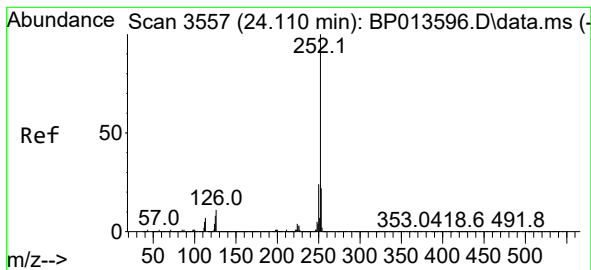
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 9.2 5.9 8.9#





#90

Benzo(a)pyrene

Concen: 3.362 ng

RT: 24.074 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP013650.D

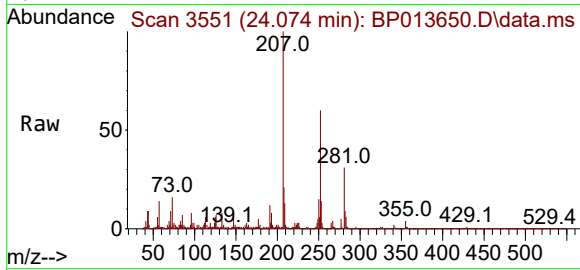
Acq: 30 Jan 2023 18:01

Instrument :

BNA_P

ClientSampleId :

COMP-1-BORING-1-0-7



Tgt Ion:252 Resp: 210085

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 10.2 6.8 10.2#

