

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
 Data File : BP013655.D
 Acq On : 30 Jan 2023 20:53
 Operator : CG/JU
 Sample : 01328-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-4-BORING-1-23-25

Quant Time: Jan 31 04:44:08 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)

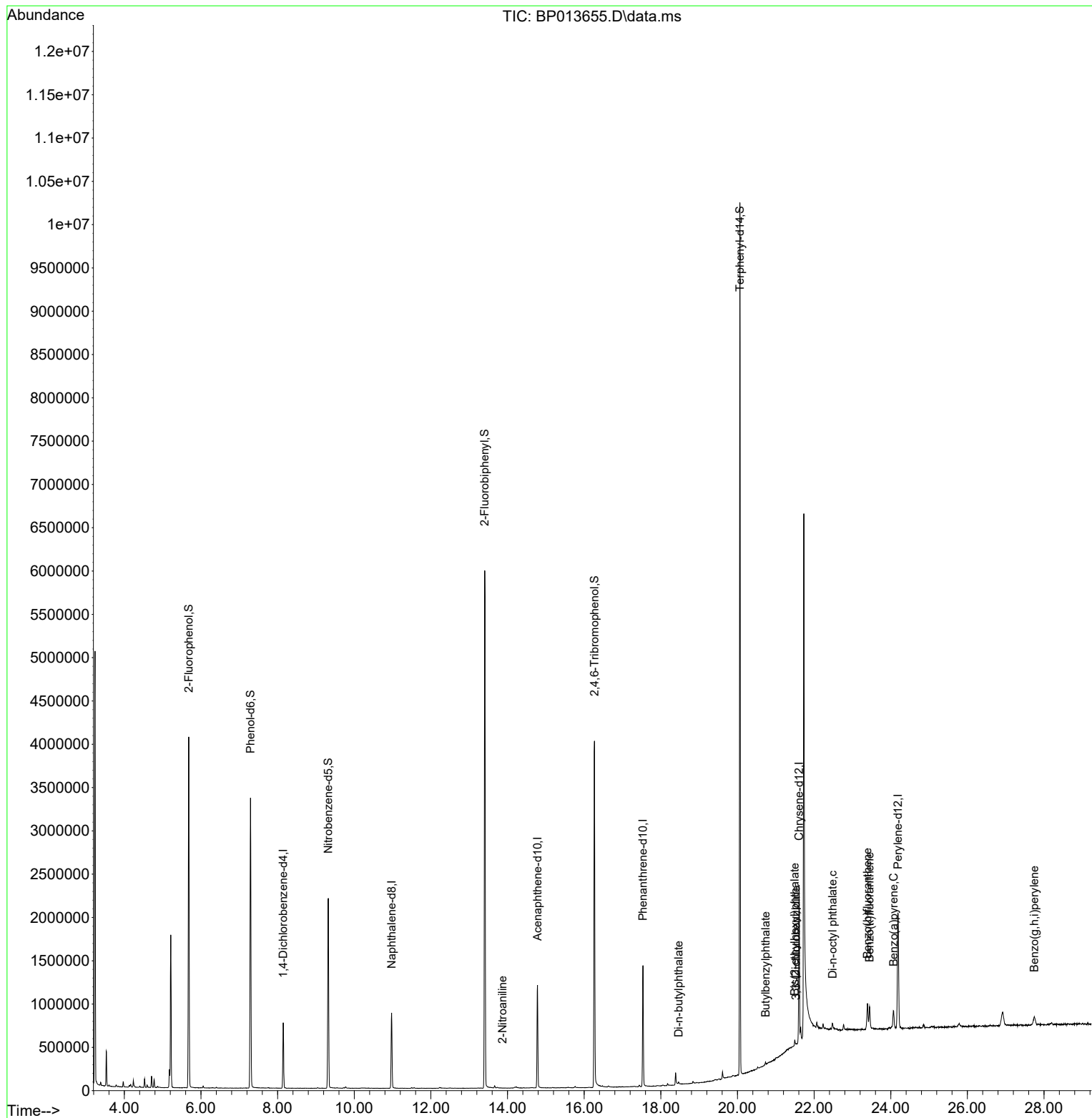
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	206685	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	734189	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	424763	20.000	ng	0.00
64) Phenanthrene-d10	17.534	188	870656	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	892121	20.000	ng	-0.01
86) Perylene-d12	24.186	264	1144956	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1774808	153.876	ng	0.00
7) Phenol-d6	7.293	99	2024323	129.922	ng	0.00
23) Nitrobenzene-d5	9.322	82	1316807	98.551	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	879476	135.995	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	3248957	109.242	ng	0.00
79) Terphenyl-d14	20.063	244	4893244	96.790	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	13.869	65	65	3.930	ng	# 20
74) Di-n-butylphthalate	18.463	149	18231	4.026	ng	98
80) Butylbenzylphthalate	20.733	149	10717	6.364	ng	89
82) 3,3'-Dichlorobenzidine	21.528	252	547	6.384	ng	# 33
84) Bis(2-ethylhexyl)phtha...	21.492	149	26063	5.305	ng	98
85) Di-n-octyl phthalate	22.480	149	64666	5.004	ng	# 99
88) Benzo(b)fluoranthene	23.392	252	237182	3.227	ng	# 97
89) Benzo(k)fluoranthene	23.445	252	240711	3.299	ng	# 95
90) Benzo(a)pyrene	24.074	252	169112	2.444	ng	# 93
92) Benzo(g,h,i)perylene	27.745	276	148987	2.259	ng	# 84

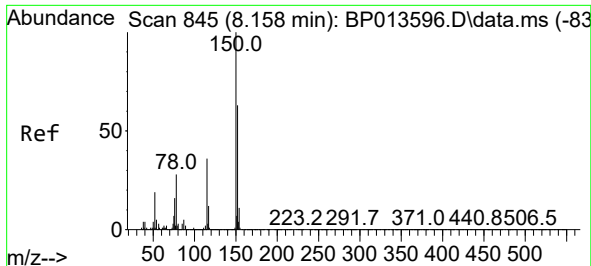
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013655.D
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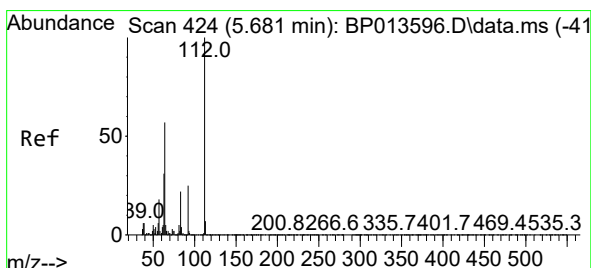
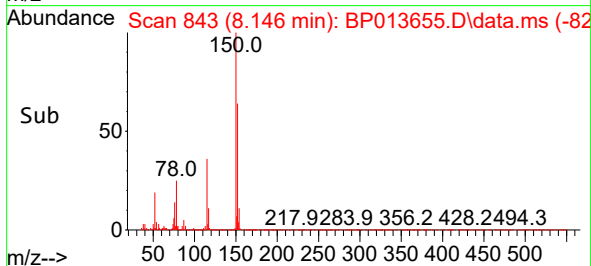
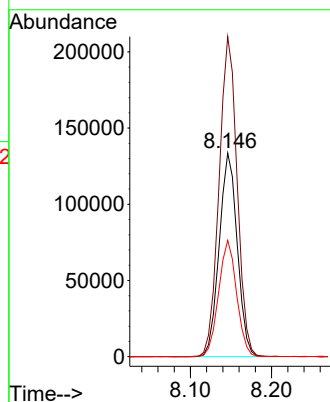
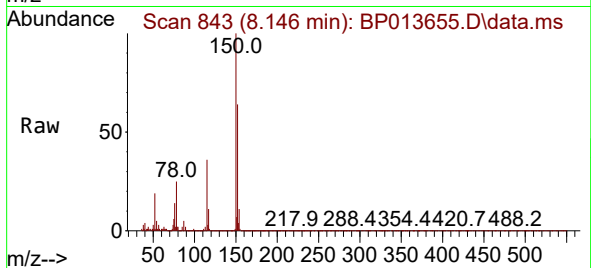




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

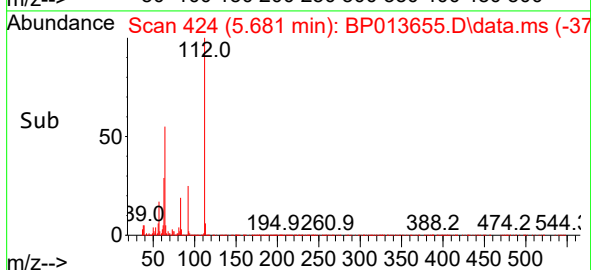
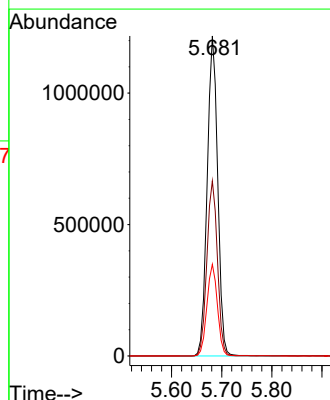
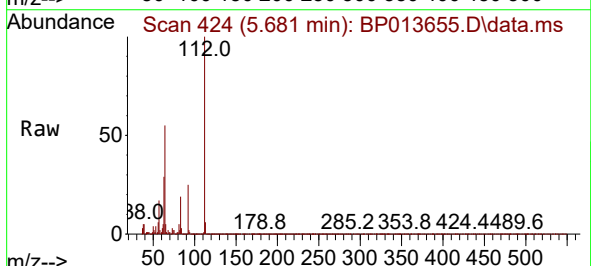
Instrument :
BNA_P
ClientSampleId :
COMP-4-BORING-1-23-25

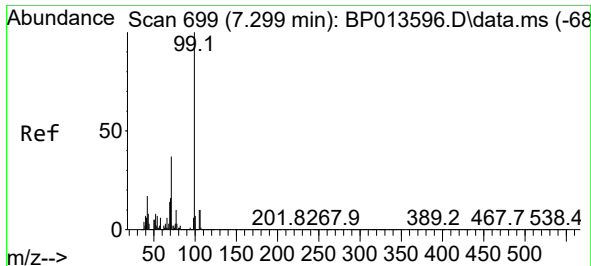
Tgt Ion:152 Resp: 206685
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 57.1 45.1 67.7



#5
2-Fluorophenol
Concen: 153.876 ng
RT: 5.681 min Scan# 424
Delta R.T. 0.000 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

Tgt Ion:112 Resp: 1774808
Ion Ratio Lower Upper
112 100
64 54.7 45.5 68.3
63 28.7 25.1 37.7

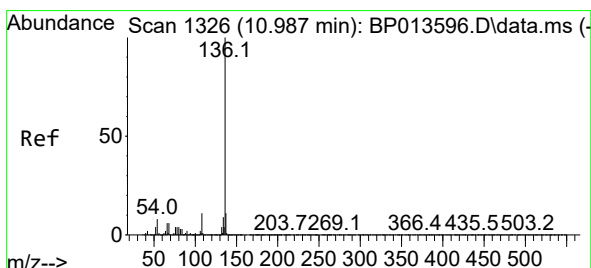
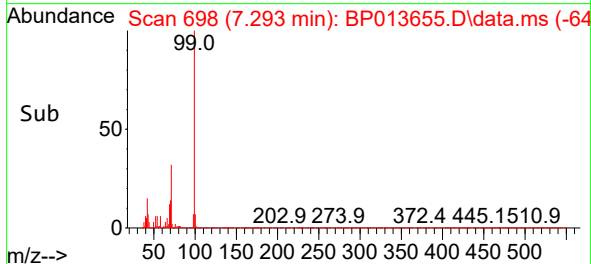
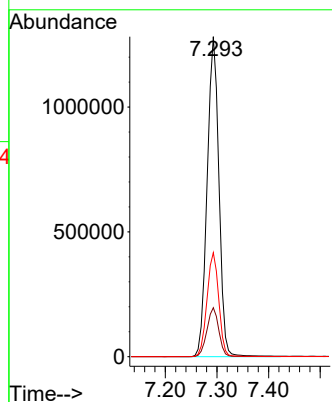
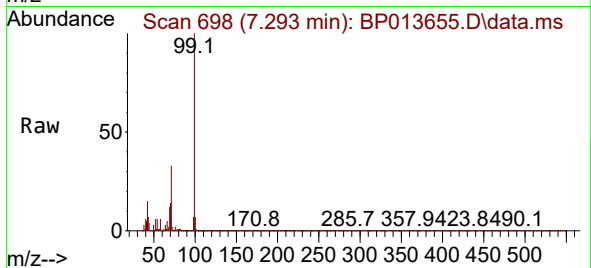




#7
Phenol-d6
Concen: 129.922 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

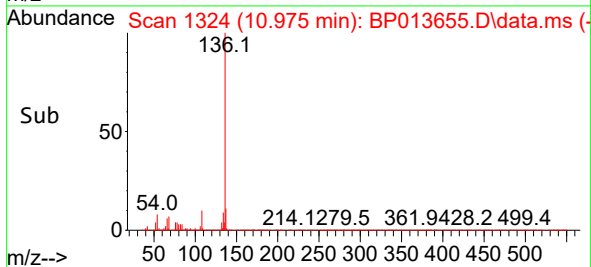
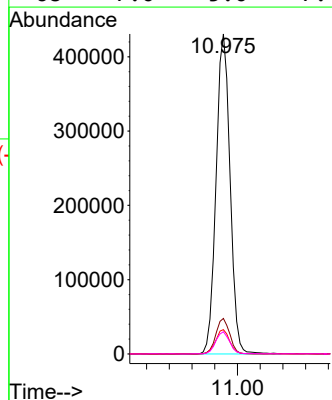
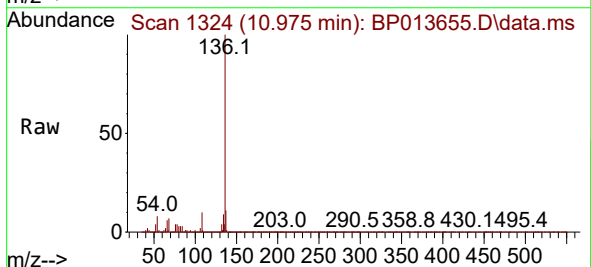
Instrument :
BNA_P
ClientSampleId :
COMP-4-BORING-1-23-25

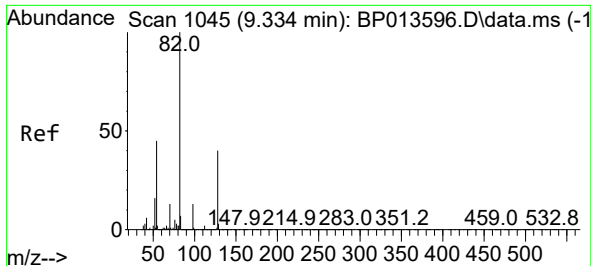
Tgt Ion: 99 Resp: 2024323
Ion Ratio Lower Upper
99 100
42 15.3 13.4 20.2
71 32.5 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

Tgt Ion:136 Resp: 734189
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.6 6.1 9.1
68 7.0 5.0 7.4

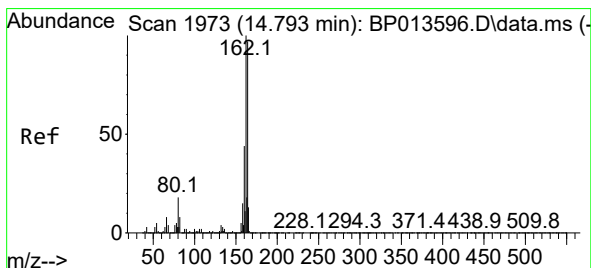
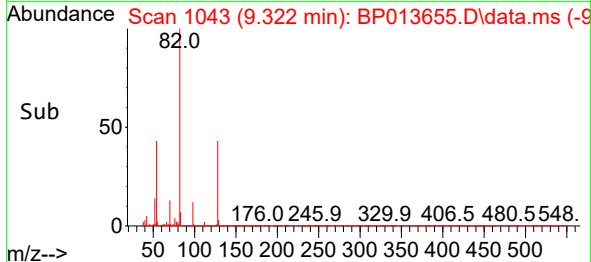
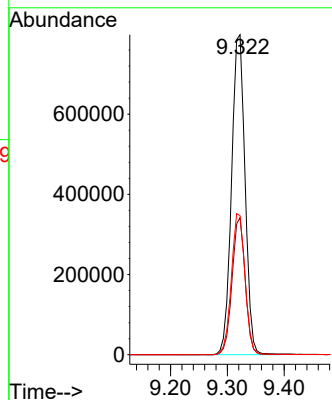
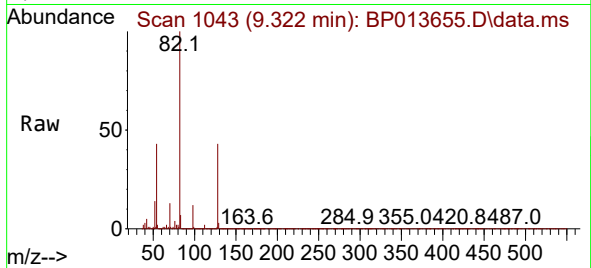




#23
Nitrobenzene-d5
Concen: 98.551 ng
RT: 9.322 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

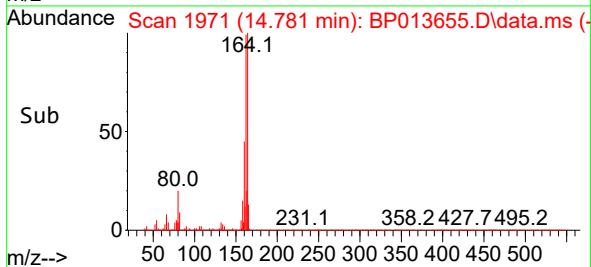
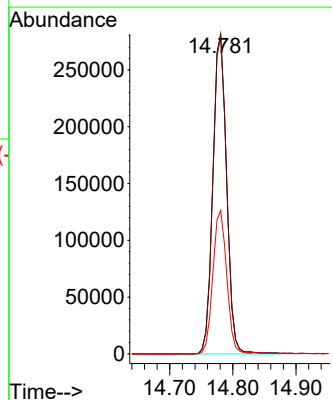
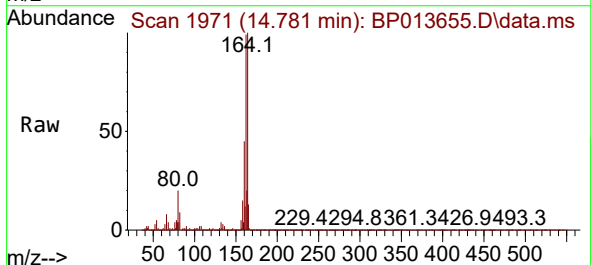
Instrument :
BNA_P
ClientSampleId :
COMP-4-BORING-1-23-25

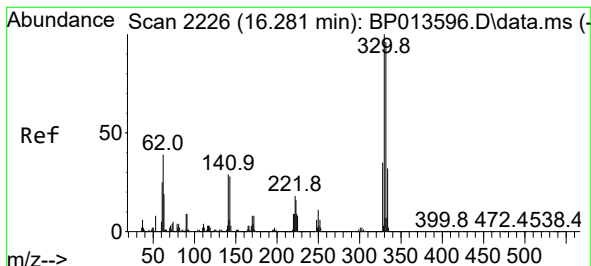
Tgt Ion: 82 Resp: 1316807
Ion Ratio Lower Upper
82 100
128 42.8 31.8 47.8
54 43.5 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

Tgt Ion: 164 Resp: 424763
Ion Ratio Lower Upper
164 100
162 99.1 82.3 123.5
160 44.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 135.995 ng

RT: 16.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013655.D

Acq: 30 Jan 2023 20:53

Instrument :

BNA_P

ClientSampleId :

COMP-4-BORING-1-23-25

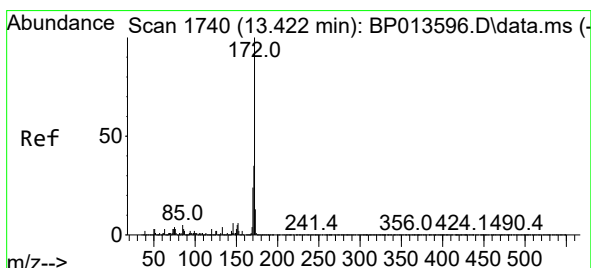
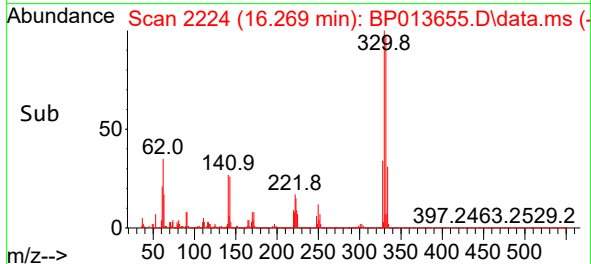
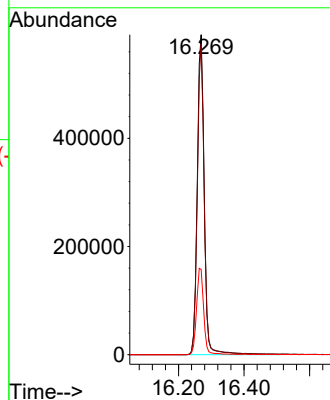
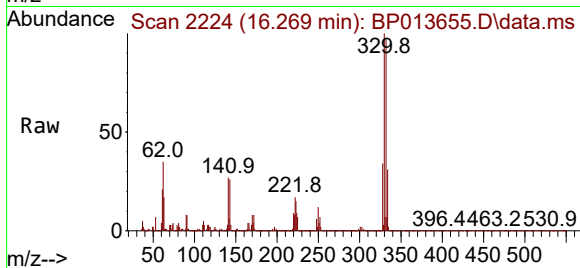
Tgt Ion:330 Resp: 879476

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 27.7 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 109.242 ng

RT: 13.404 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP013655.D

Acq: 30 Jan 2023 20:53

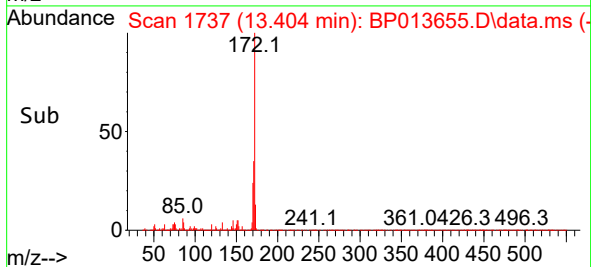
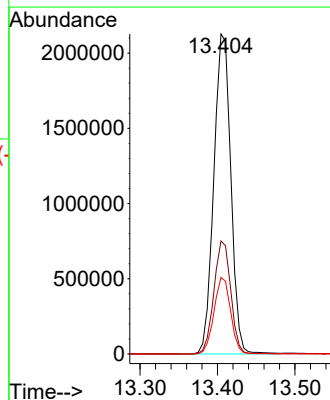
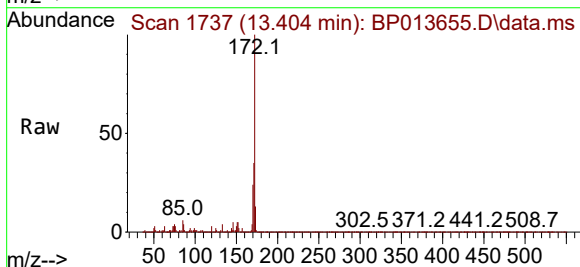
Tgt Ion:172 Resp: 3248957

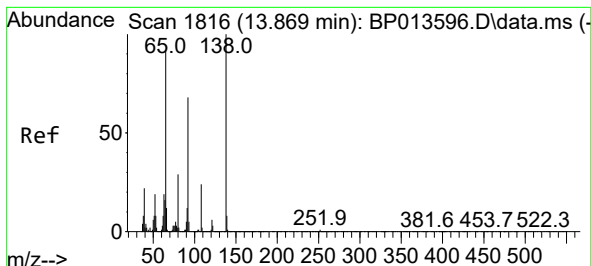
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.9 19.1 28.7





#48

2-Nitroaniline

Concen: 3.930 ng

RT: 13.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013655.D

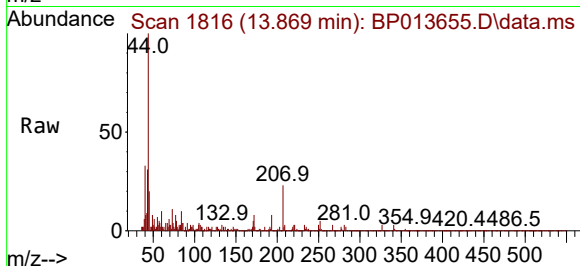
Acq: 30 Jan 2023 20:53

Instrument :

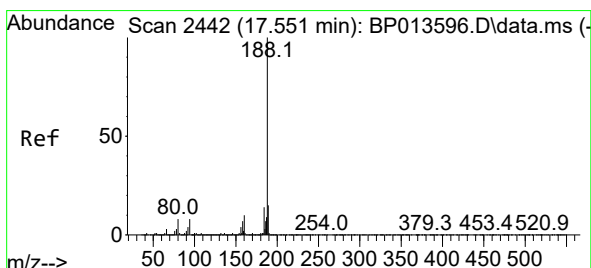
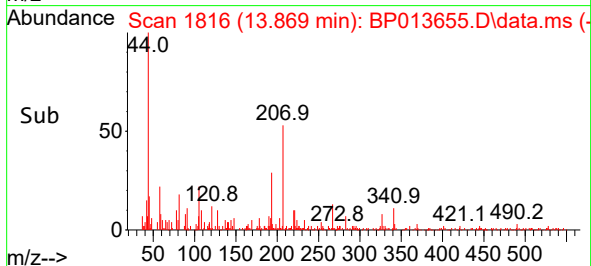
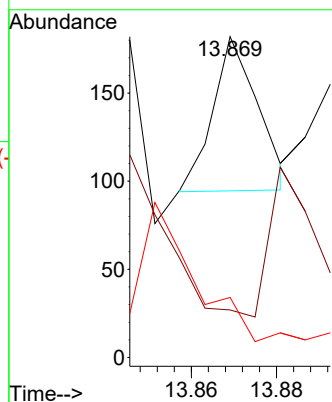
BNA_P

ClientSampleId :

COMP-4-BORING-1-23-25



Tgt Ion:	65	Resp:	65
Ion Ratio	Lower	Upper	
65	100		
92	14.8	59.5	89.3#
138	18.7	87.1	130.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

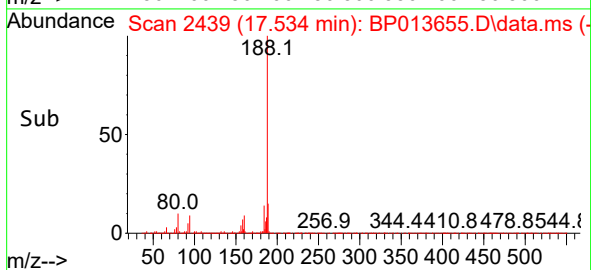
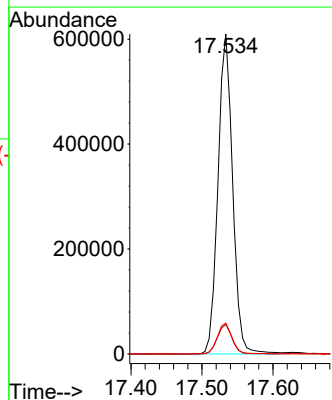
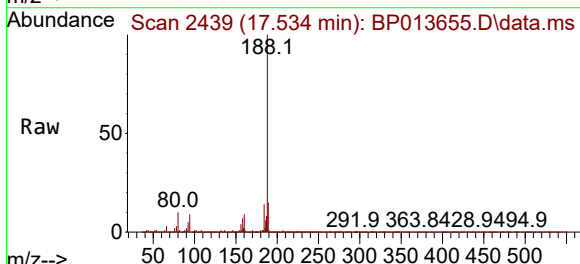
RT: 17.534 min Scan# 2439

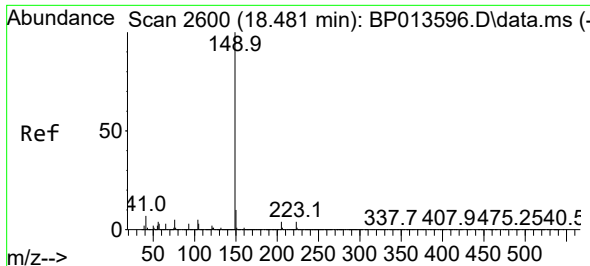
Delta R.T. -0.006 min

Lab File: BP013655.D

Acq: 30 Jan 2023 20:53

Tgt Ion:	188	Resp:	870656
Ion Ratio	Lower	Upper	
188	100		
94	9.3	6.1	9.1#
80	9.7	6.6	10.0

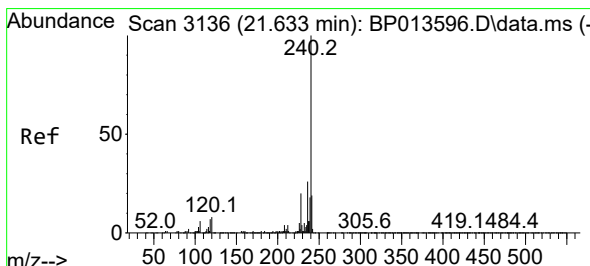
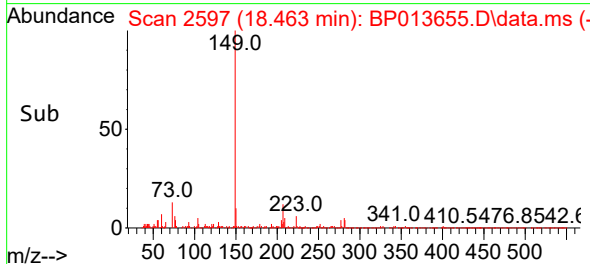
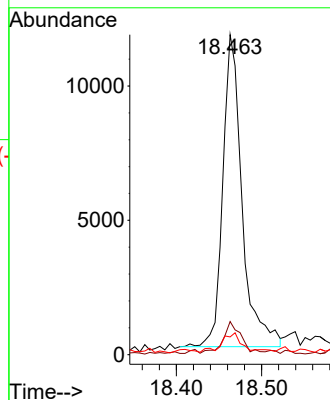
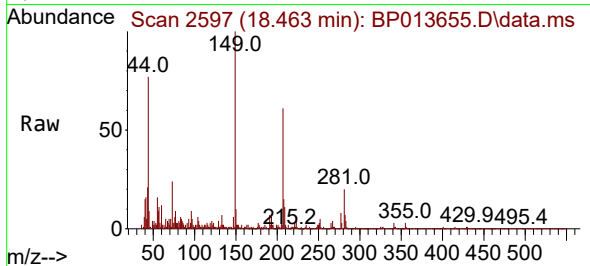




#74
Di-n-butylphthalate
Concen: 4.026 ng
RT: 18.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

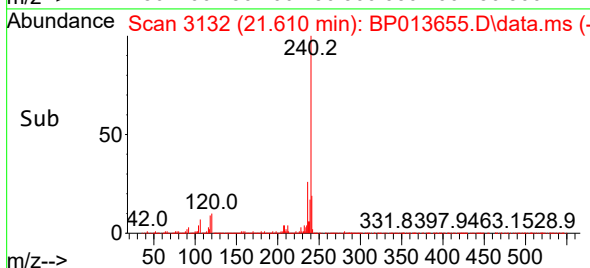
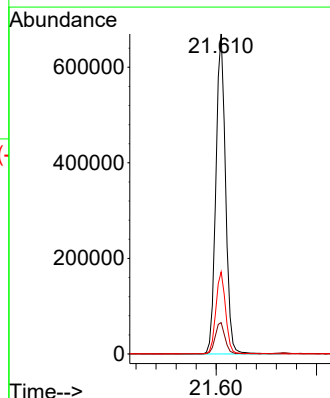
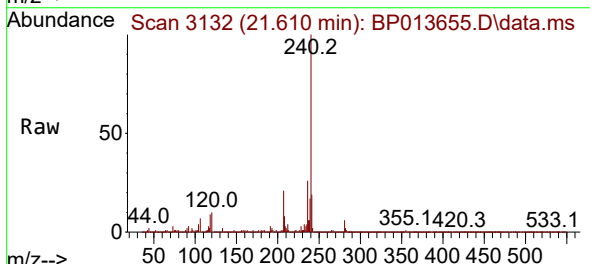
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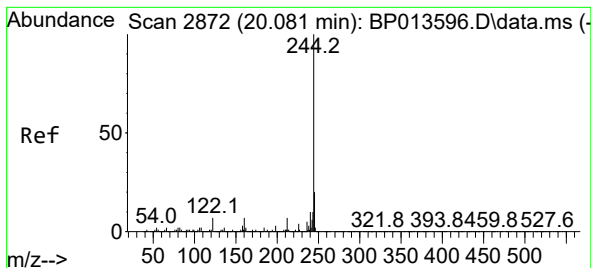
Tgt Ion:149 Resp: 18231
Ion Ratio Lower Upper
149 100
150 10.4 7.6 11.4
104 5.5 4.4 6.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

Tgt Ion:240 Resp: 892121
Ion Ratio Lower Upper
240 100
120 9.8 6.7 10.1
236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 96.790 ng

RT: 20.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013655.D

Acq: 30 Jan 2023 20:53

Instrument :

BNA_P

ClientSampleId :

COMP-4-BORING-1-23-25

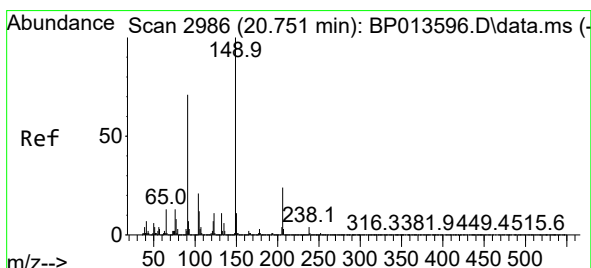
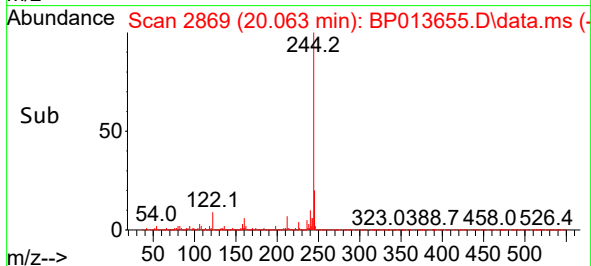
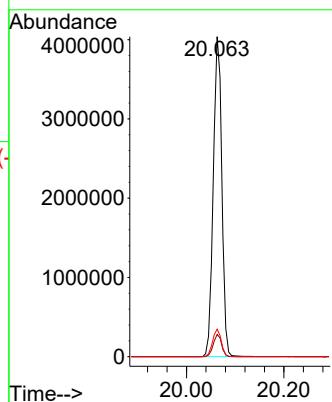
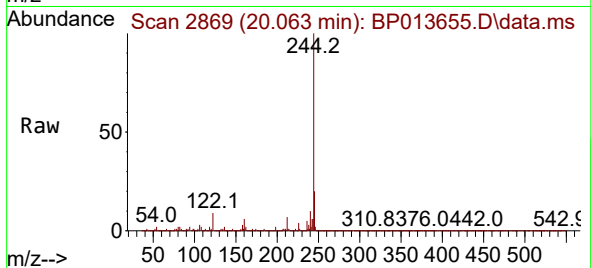
Tgt Ion:244 Resp: 4893244

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 8.6 5.3 7.9#



#80

Butylbenzylphthalate

Concen: 6.364 ng

RT: 20.733 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BP013655.D

Acq: 30 Jan 2023 20:53

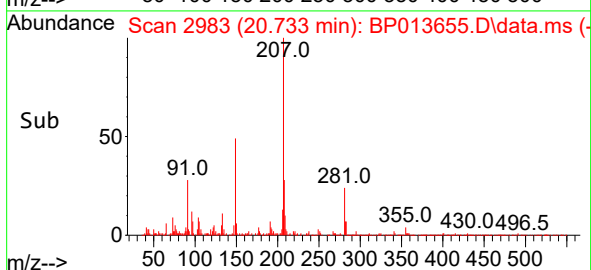
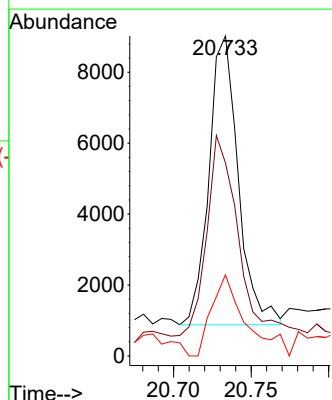
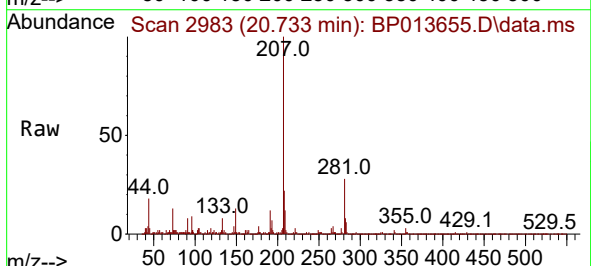
Tgt Ion:149 Resp: 10717

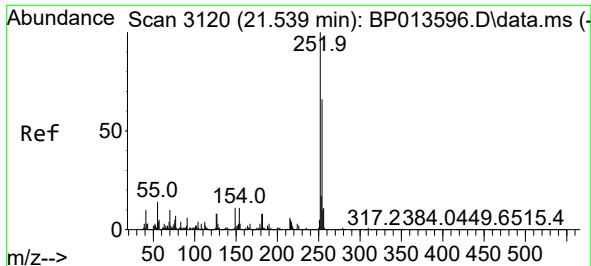
Ion Ratio Lower Upper

149 100

91 60.3 57.0 85.6

206 25.3 19.0 28.6

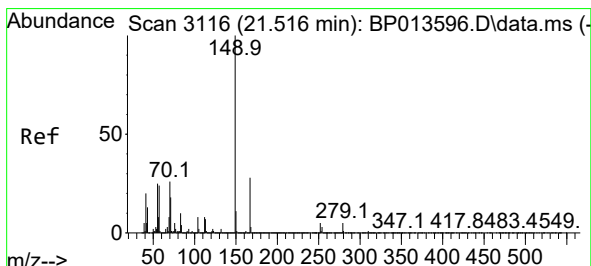
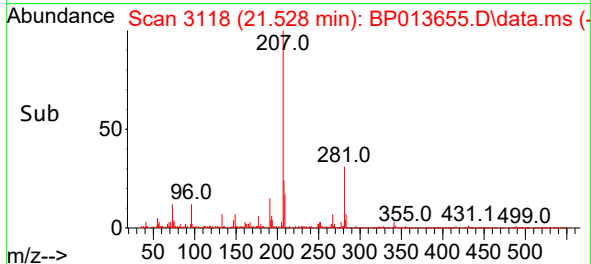
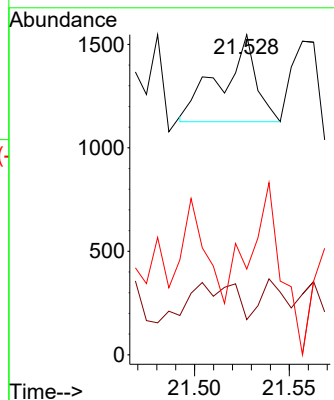
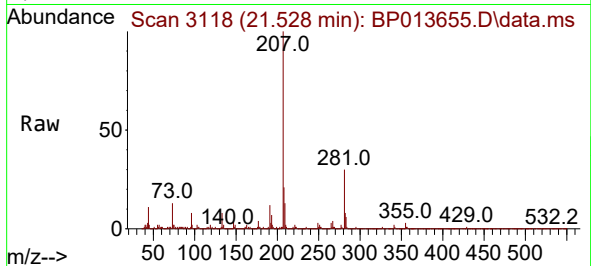




#82
 3,3'-Dichlorobenzidine
 Concen: 6.384 ng
 RT: 21.528 min Scan# 3118
 Delta R.T. 0.000 min
 Lab File: BP013655.D
 Acq: 30 Jan 2023 20:53

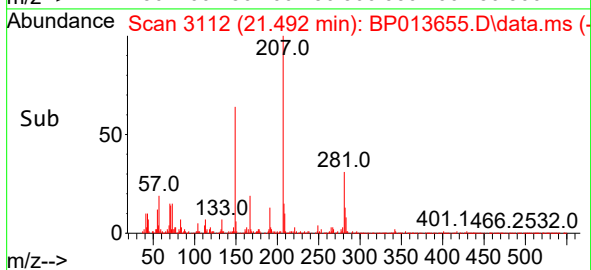
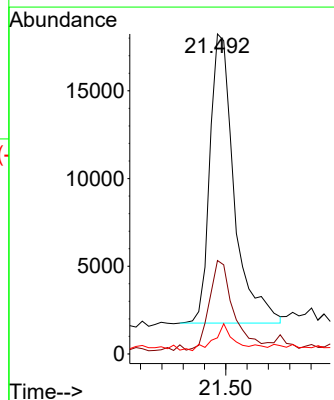
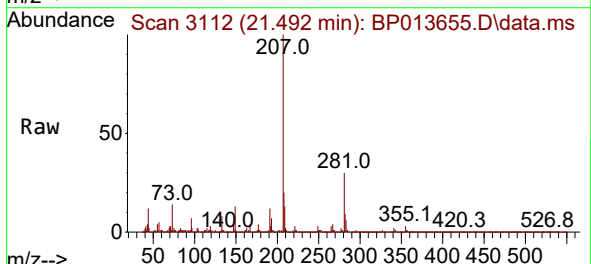
Instrument :
 BNA_P
 ClientSampleId :
 COMP-4-BORING-1-23-25

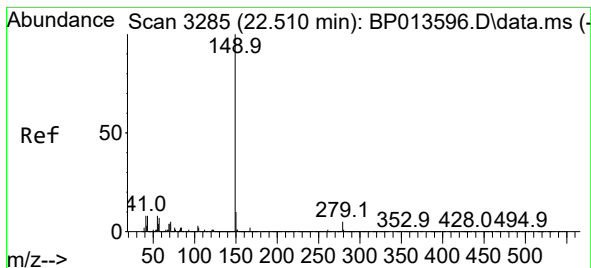
Tgt Ion:252 Resp: 547
 Ion Ratio Lower Upper
 252 100
 254 11.0 52.3 78.5#
 126 26.8 6.2 9.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.305 ng
 RT: 21.492 min Scan# 3112
 Delta R.T. -0.012 min
 Lab File: BP013655.D
 Acq: 30 Jan 2023 20:53

Tgt Ion:149 Resp: 26063
 Ion Ratio Lower Upper
 149 100
 167 29.2 22.2 33.4
 279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 5.004 ng

RT: 22.480 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013655.D

Acq: 30 Jan 2023 20:53

Instrument :

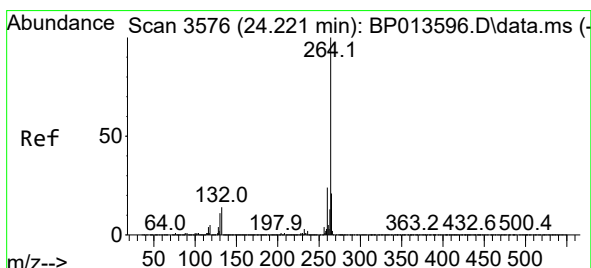
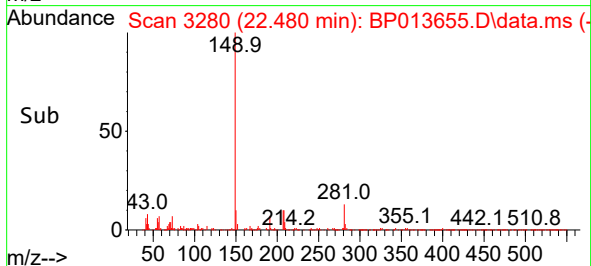
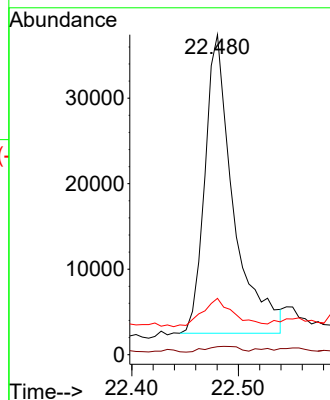
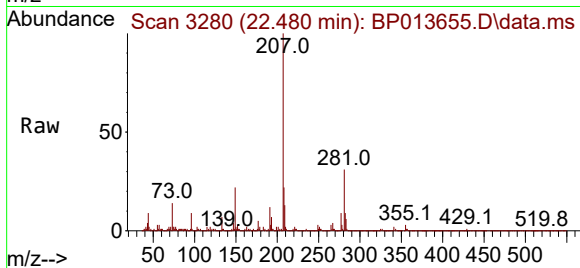
BNA_P

ClientSampleId :

COMP-4-BORING-1-23-25

Tgt Ion:149 Resp: 64666

Ion	Ratio	Lower	Upper
149	100		
167	2.3	1.3	1.9#
43	10.5	8.6	12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.186 min Scan# 3570

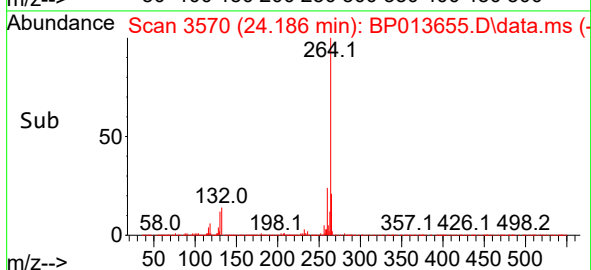
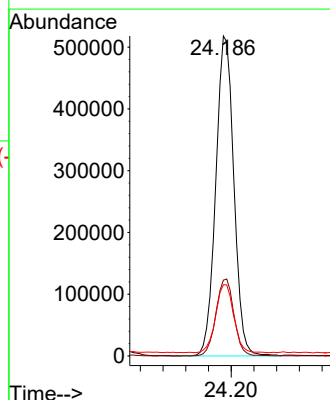
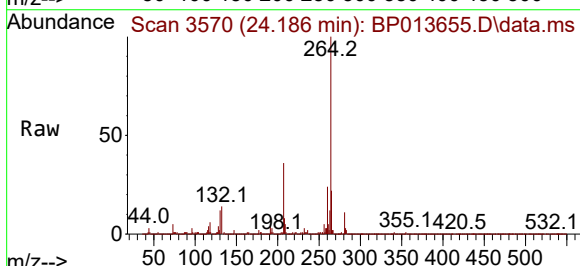
Delta R.T. -0.018 min

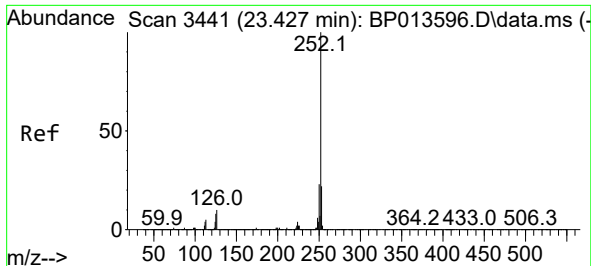
Lab File: BP013655.D

Acq: 30 Jan 2023 20:53

Tgt Ion:264 Resp: 1144956

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.2	17.4	26.0

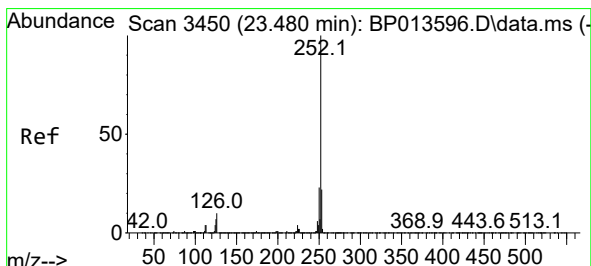
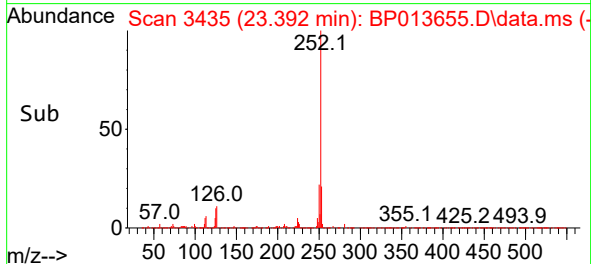
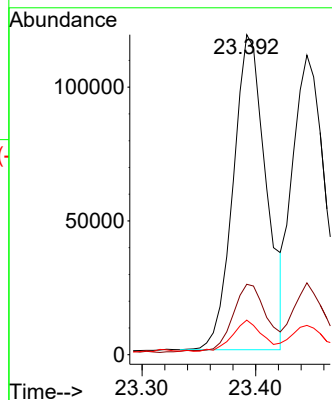
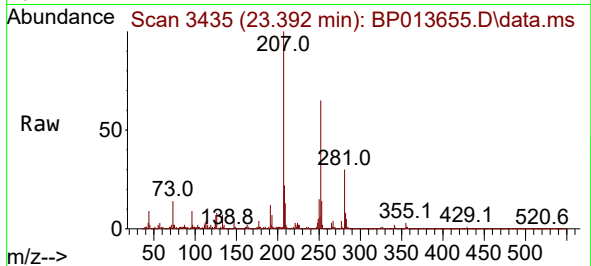




#88
Benzo(b)fluoranthene
Concen: 3.227 ng
RT: 23.392 min Scan# 3441
Delta R.T. -0.018 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

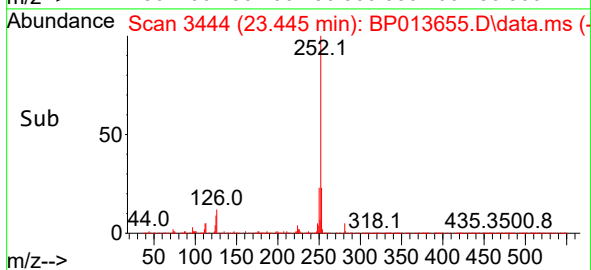
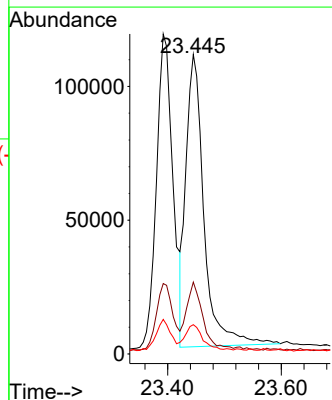
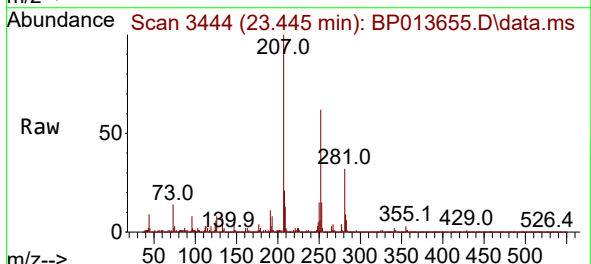
Instrument :
BNA_P
ClientSampleId :
COMP-4-BORING-1-23-25

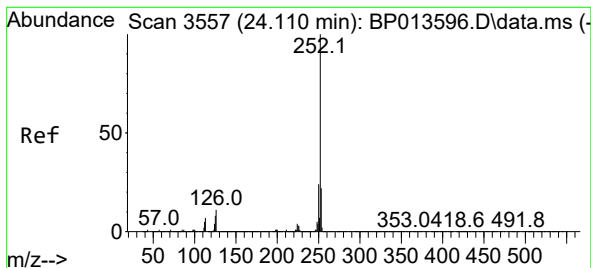
Tgt Ion:252 Resp: 237182
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.8 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 3.299 ng
RT: 23.445 min Scan# 3444
Delta R.T. -0.018 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

Tgt Ion:252 Resp: 240711
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 9.8 5.9 8.9#





#90

Benzo(a)pyrene

Concen: 2.444 ng

RT: 24.074 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP013655.D

Acq: 30 Jan 2023 20:53

Instrument :

BNA_P

ClientSampleId :

COMP-4-BORING-1-23-25

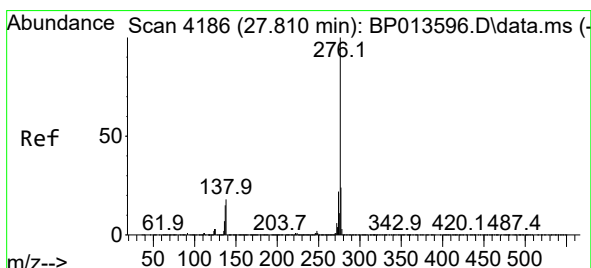
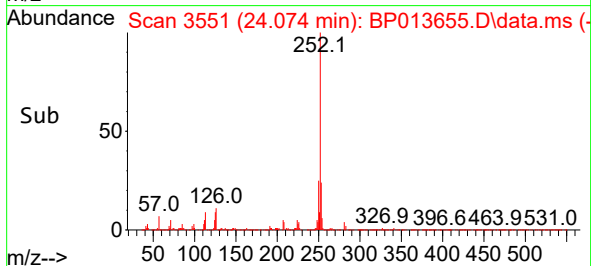
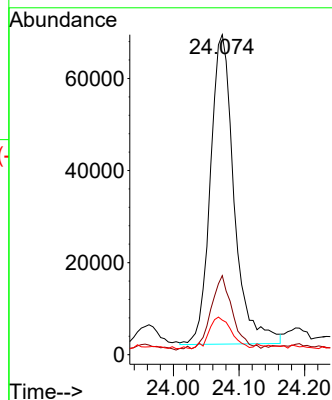
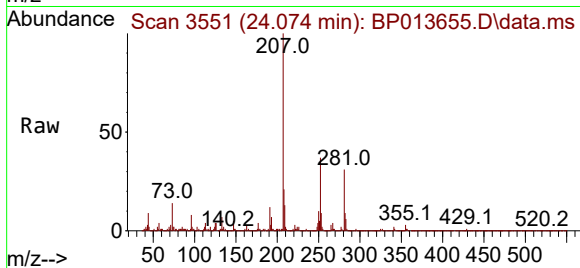
Tgt Ion:252 Resp: 169112

Ion Ratio Lower Upper

252 100

253 24.7 17.2 25.8

125 10.8 6.8 10.2#



#92

Benzo(g,h,i)perylene

Concen: 2.259 ng

RT: 27.745 min Scan# 4175

Delta R.T. -0.041 min

Lab File: BP013655.D

Acq: 30 Jan 2023 20:53

Tgt Ion:276 Resp: 148987

Ion Ratio Lower Upper

276 100

277 33.5 18.9 28.3#

138 22.5 14.3 21.5#

