

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)

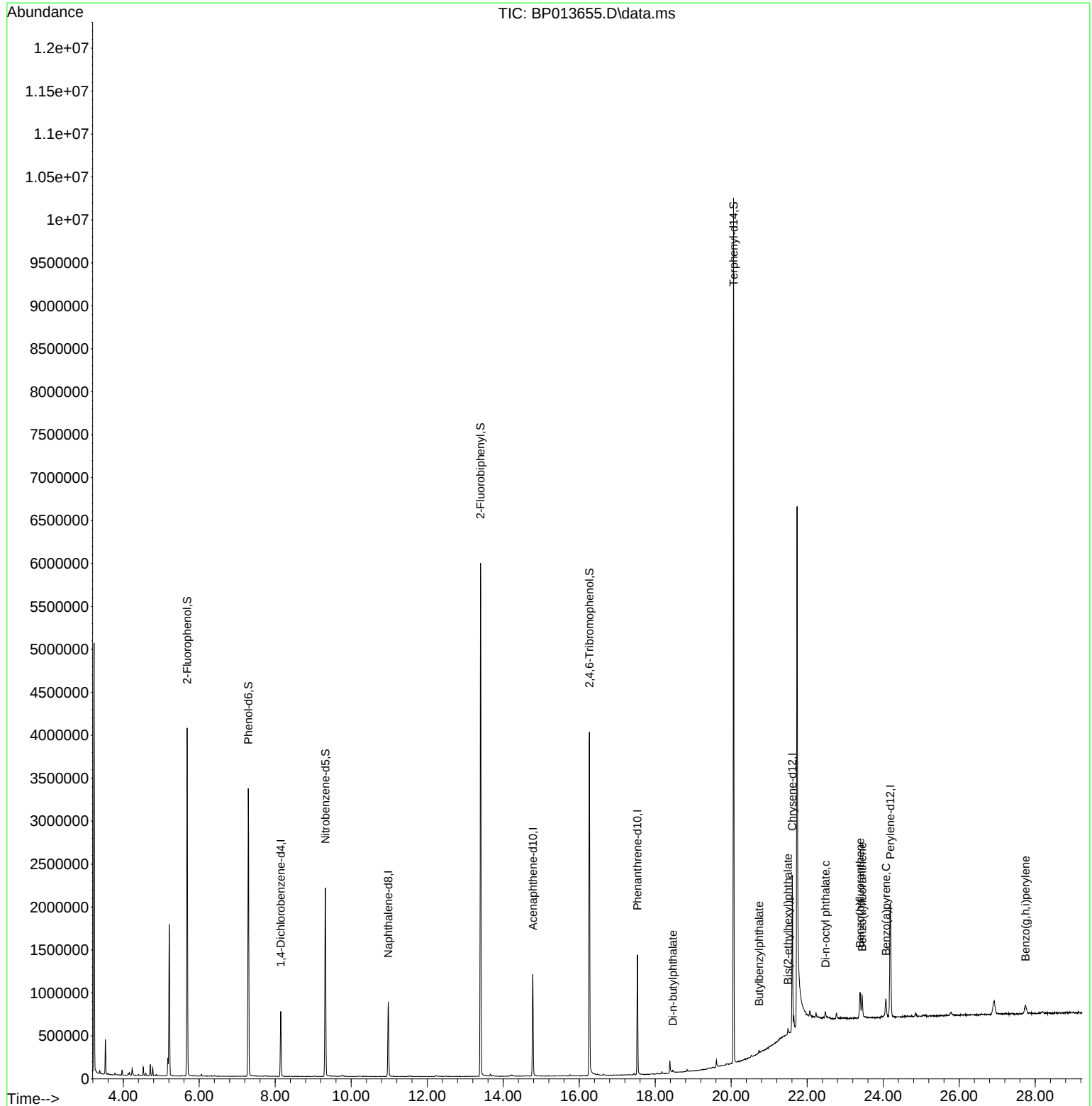
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	206685	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	734189	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	424763	20.000	ng	0.00
64) Phenanthrene-d10	17.534	188	870656	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	892121	20.000	ng	-0.01
86) Perylene-d12	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
74) Di-n-butylphthalate	18.463	149	18231	4.026	ng	98
80) Butylbenzylphthalate	20.733	149	10717	6.364	ng	89
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

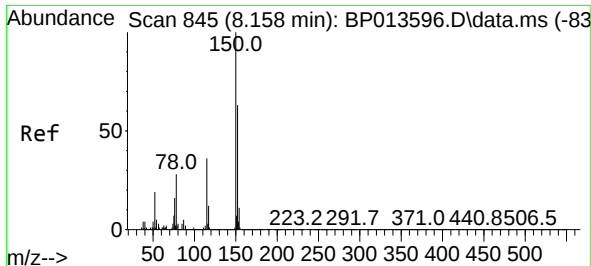
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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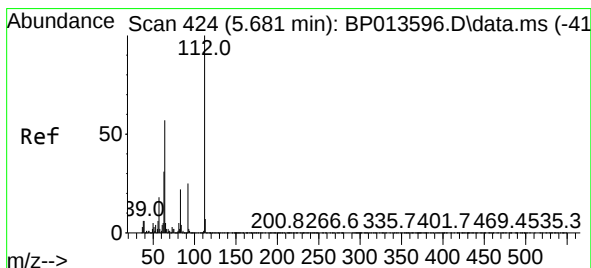
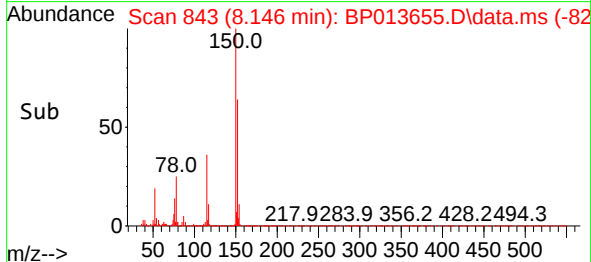
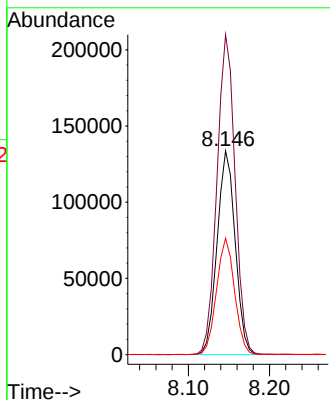
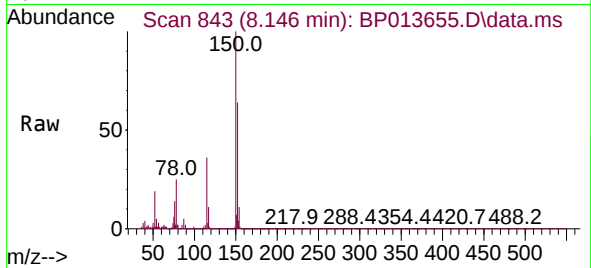




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

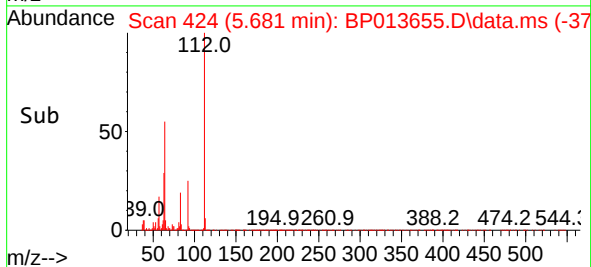
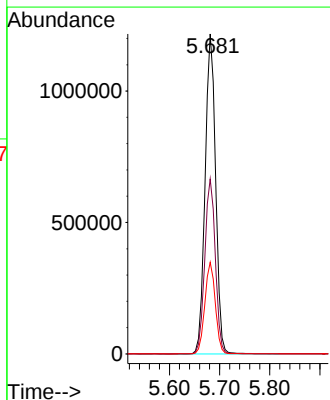
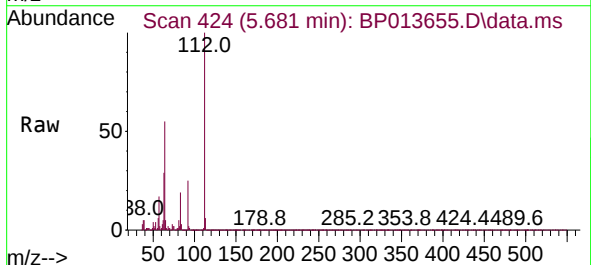
Instrument :
BNA_P
ClientSampleId :
COMP-4-BORING-1-23-25

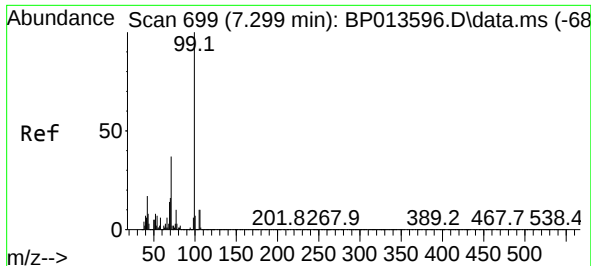
Tgt Ion:152 Resp: 206685
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 57.1 45.1 67.7



#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



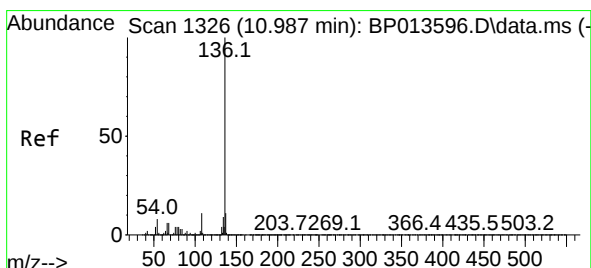
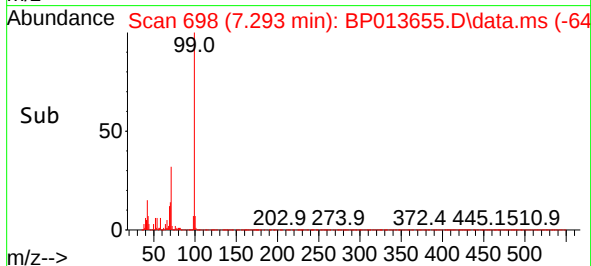
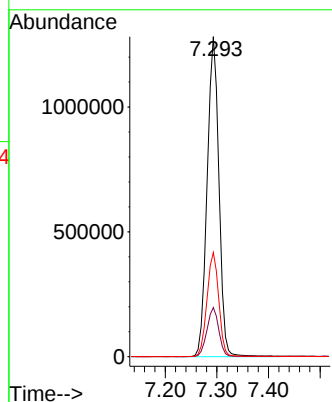
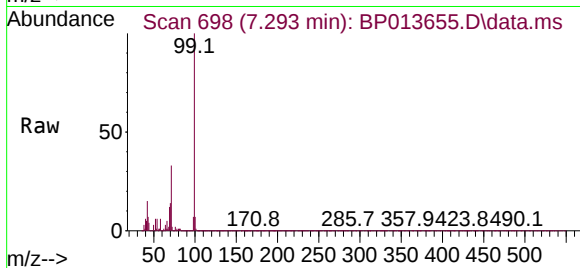


#7
Phenol-d6
Concen: 129.922 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

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

Tgt Ion: 99 Resp: 2024323

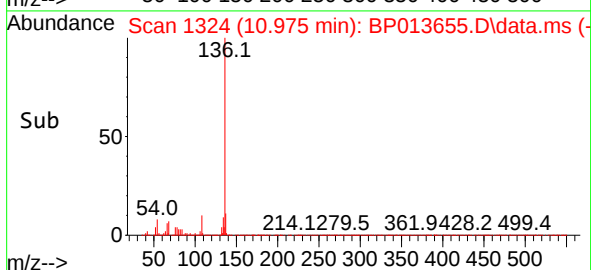
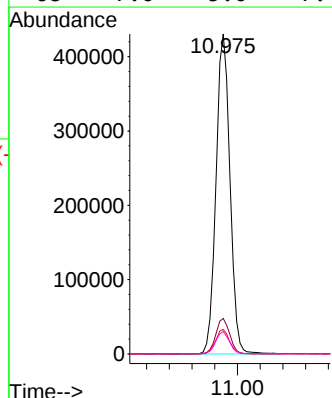
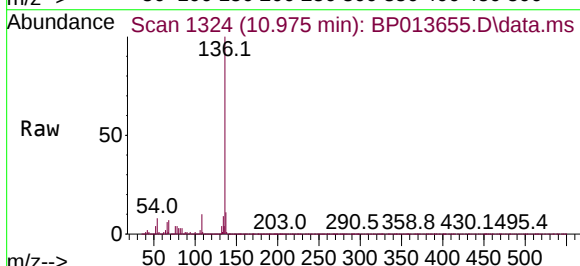
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.4	20.2
71	32.5	29.9	44.9

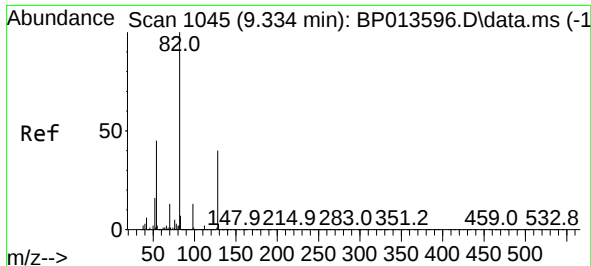


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

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

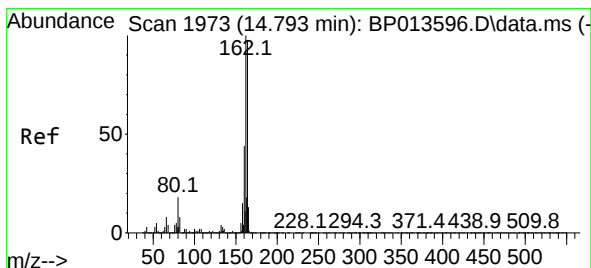
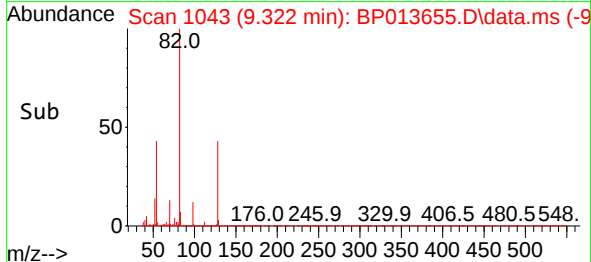
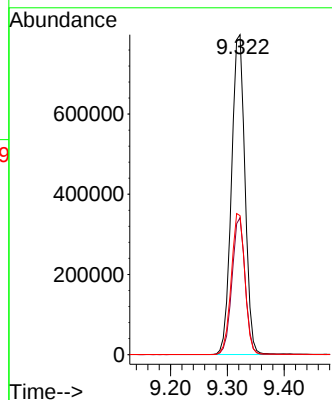
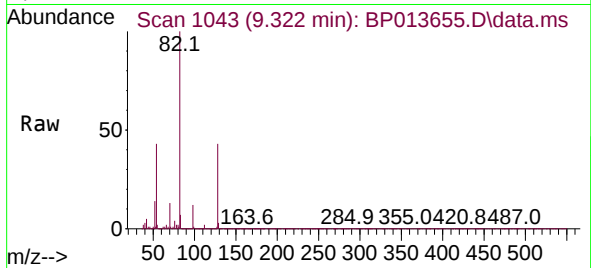




#23
Nitrobenzene-d5
Concen: 98.551 ng
RT: 9.322 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

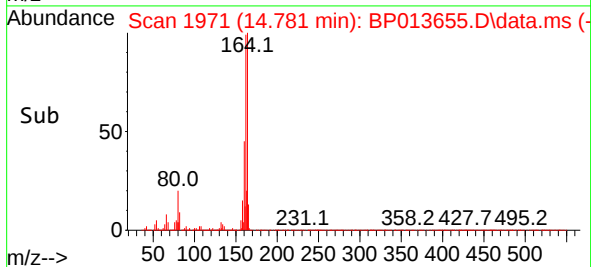
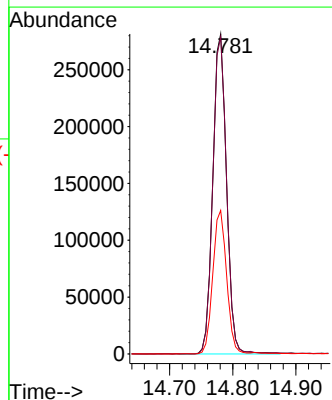
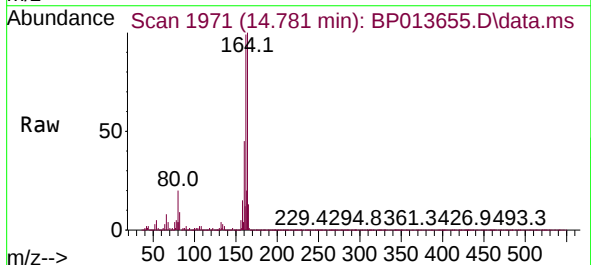
Instrument :
BNA_P
ClientSampleId :
COMP-4-BORING-1-23-25

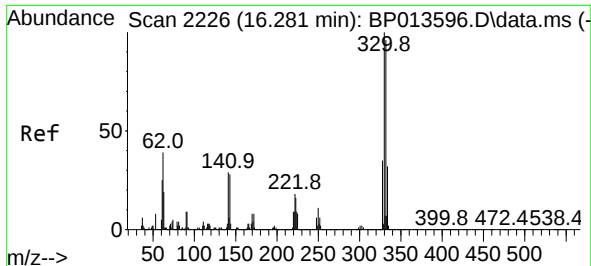
Tgt Ion: 82 Resp: 1316807
Ion Ratio Lower Upper
82 100
128 42.8 31.8 47.8
54 43.5 36.2 54.2



#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

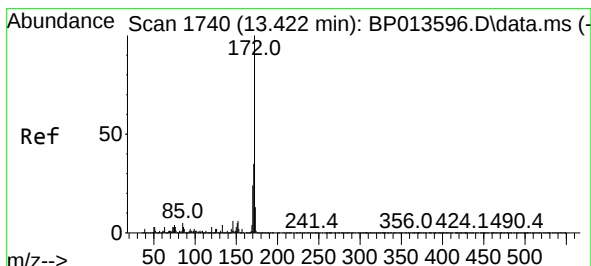
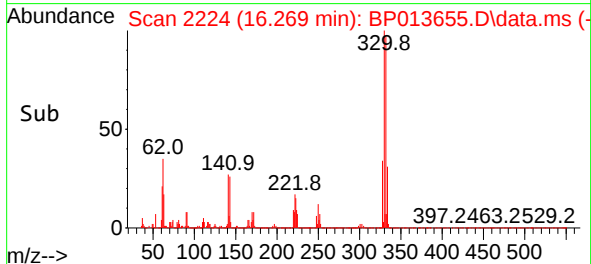
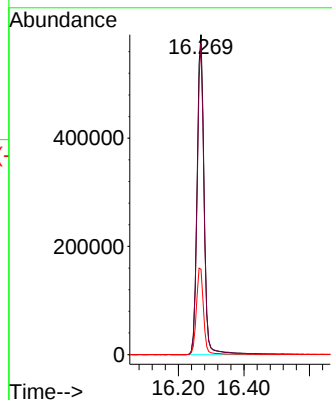
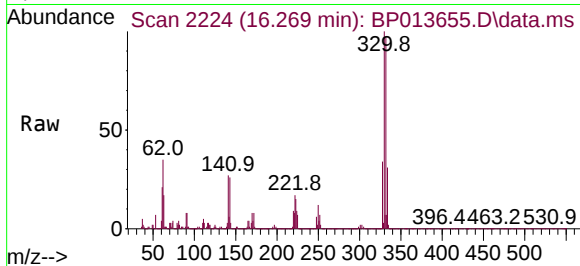




#42
2,4,6-Tribromophenol
Concen: 135.995 ng
RT: 16.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

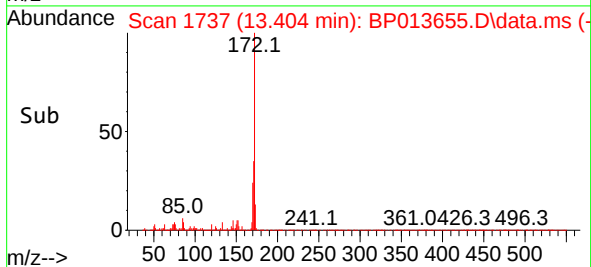
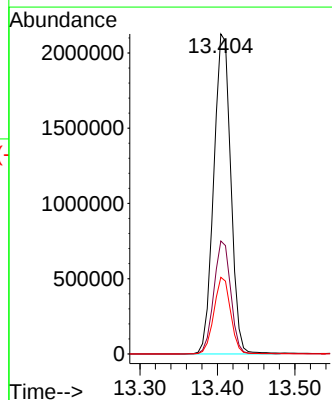
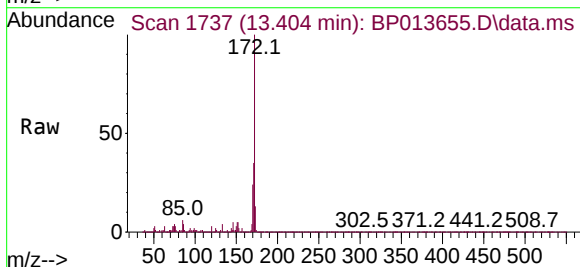
Instrument :
BNA_P
ClientSampleId :
COMP-4-BORING-1-23-25

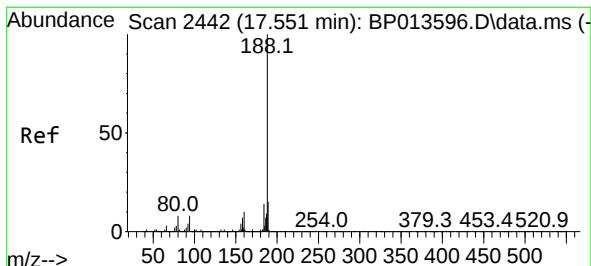
Tgt Ion:330 Resp: 879476
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 27.7 23.3 34.9



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.534 min Scan# 24

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

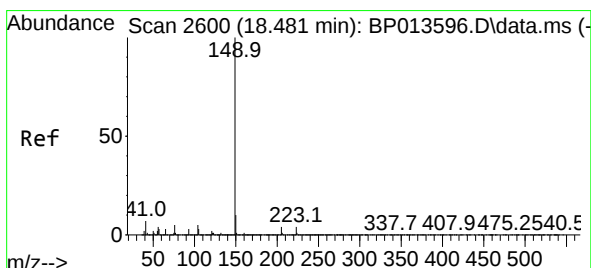
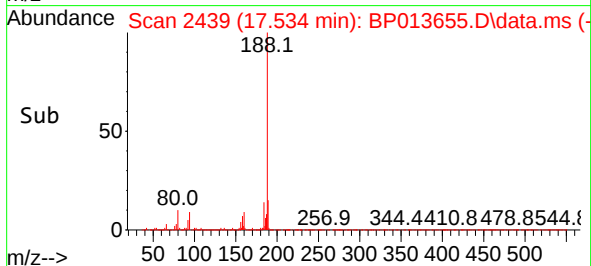
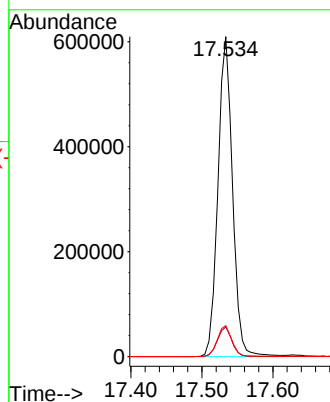
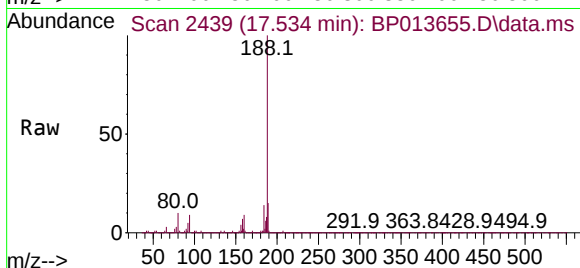
Tgt Ion:188 Resp: 870656

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# 2597

Delta R.T. -0.006 min

Lab File: BP013655.D

Acq: 30 Jan 2023 20:53

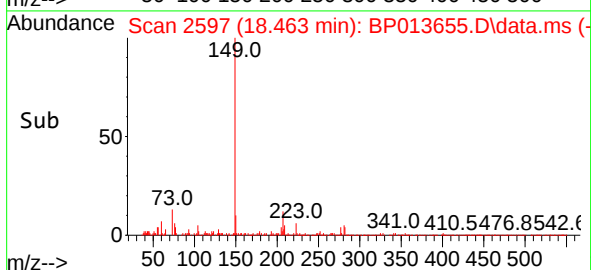
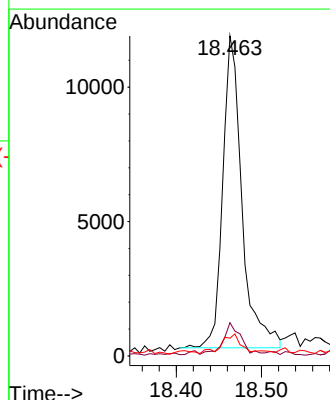
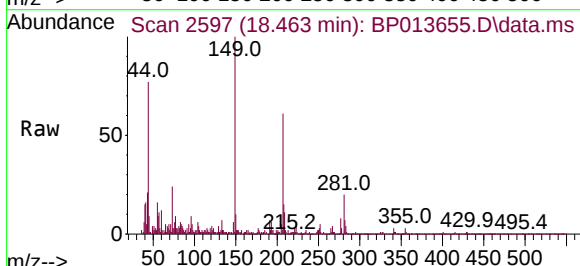
Tgt Ion:149 Resp: 18231

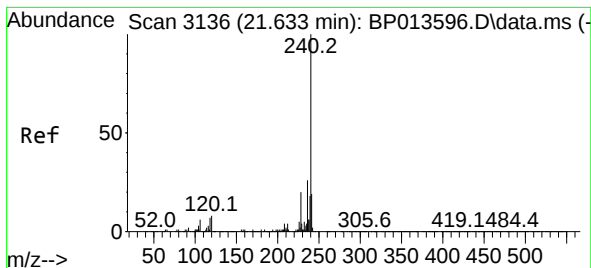
Ion Ratio Lower Upper

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# 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

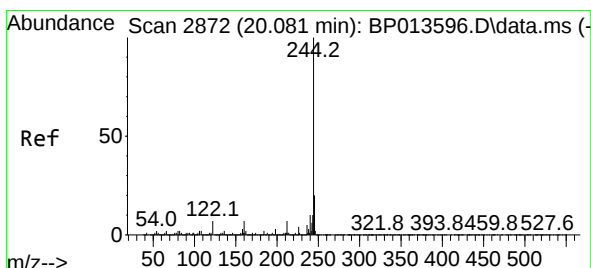
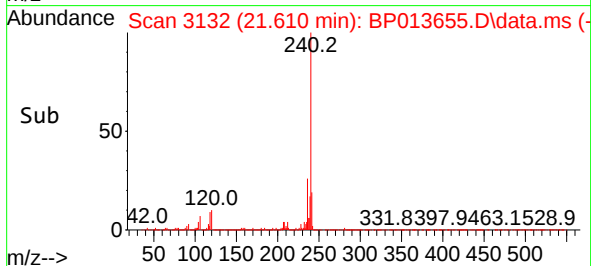
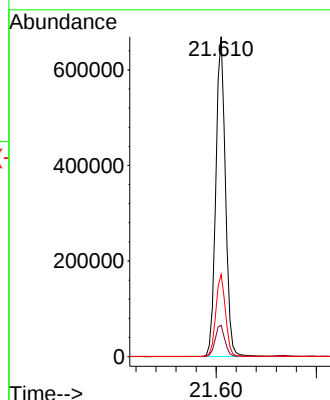
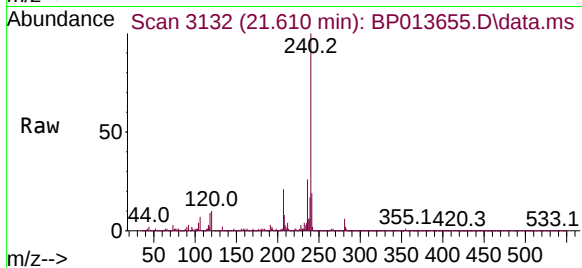
Tgt Ion:240 Resp: 892121

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# 2869

Delta R.T. -0.006 min

Lab File: BP013655.D

Acq: 30 Jan 2023 20:53

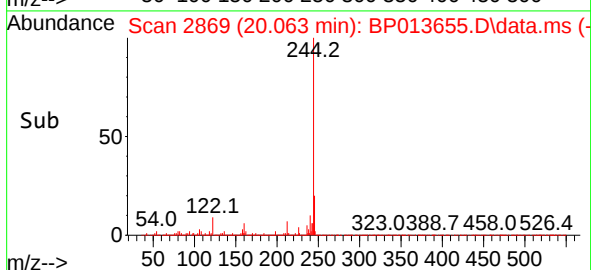
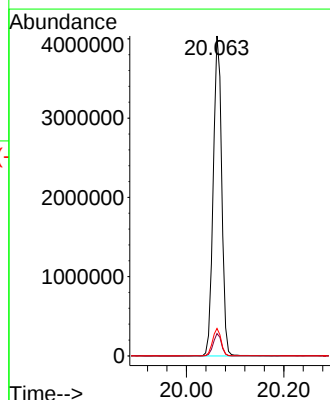
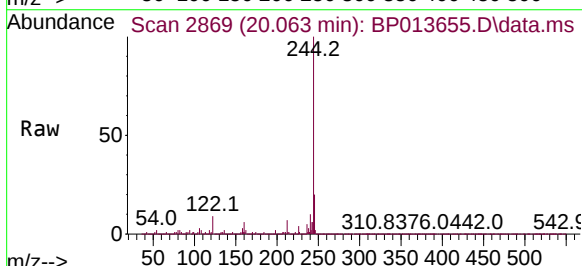
Tgt Ion:244 Resp: 4893244

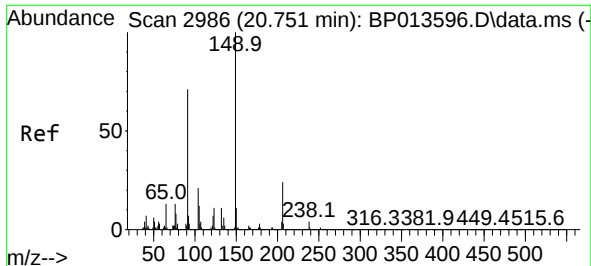
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 8.6 5.3 7.9#

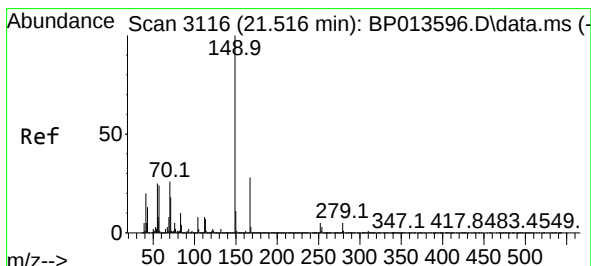
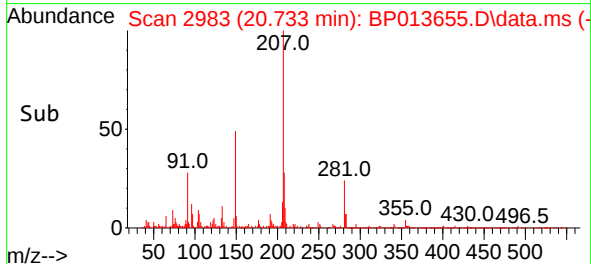
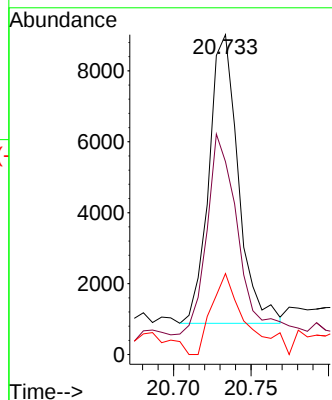
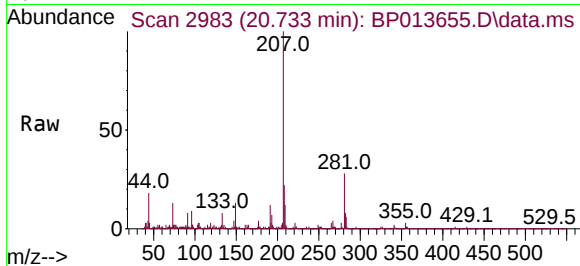




#80
 Butylbenzylphthalate
 Concen: 6.364 ng
 RT: 20.733 min Scan# 2983
 Delta R.T. -0.006 min
 Lab File: BP013655.D
 Acq: 30 Jan 2023 20:53

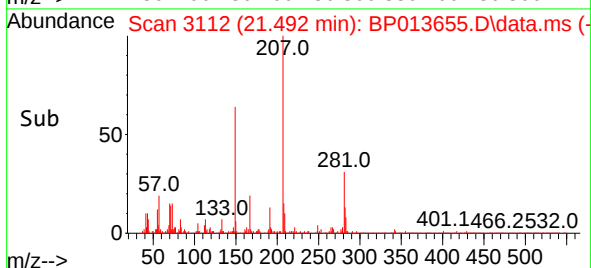
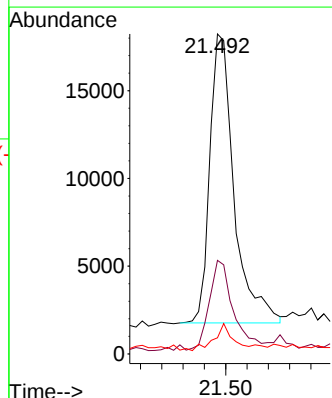
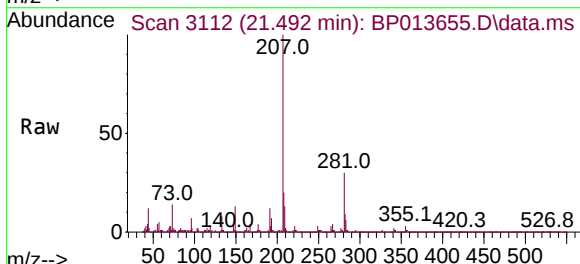
Instrument :
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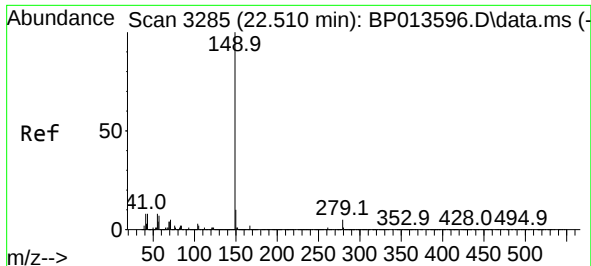
Tgt Ion:	149	Resp:	10717
Ion	Ratio	Lower	Upper
149	100		
91	60.3	57.0	85.6
206	25.3	19.0	28.6



#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

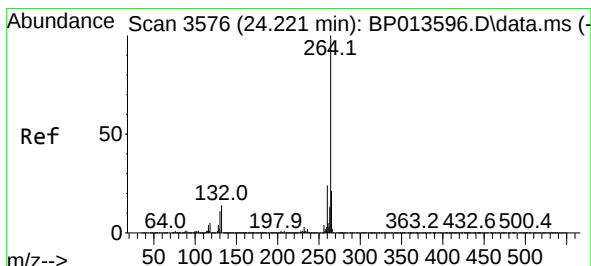
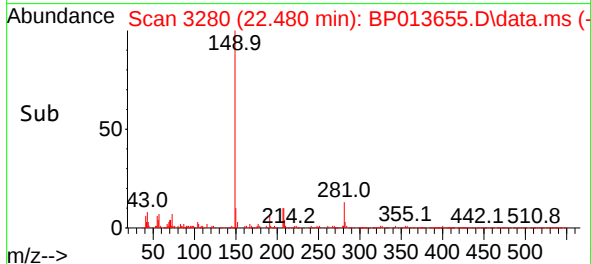
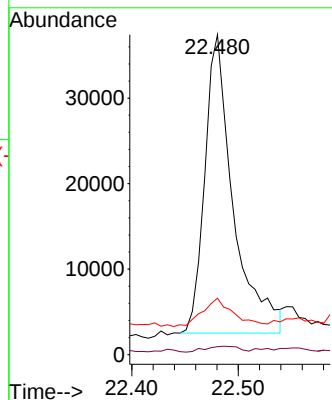
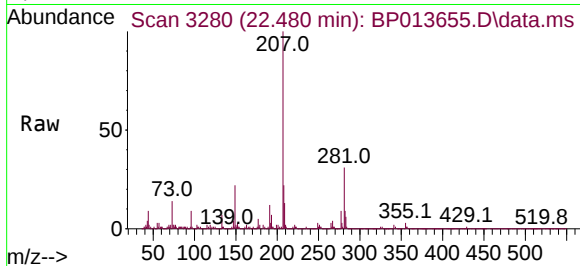




#85
Di-n-octyl phthalate
Concen: 5.004 ng
RT: 22.480 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

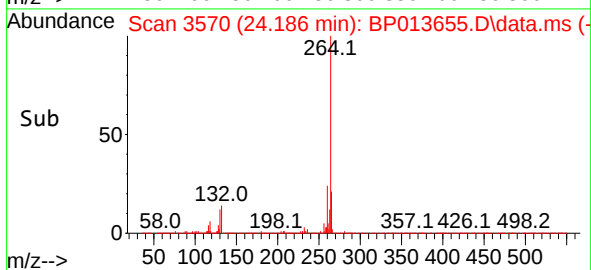
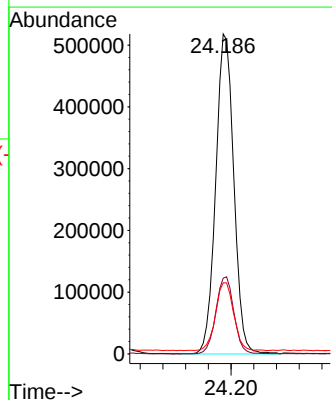
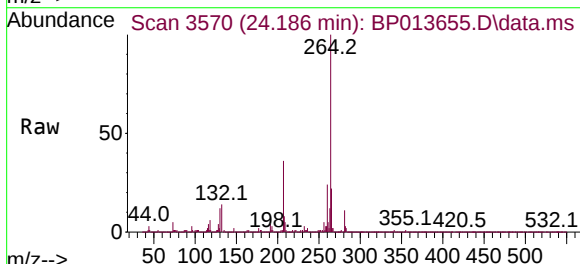
Instrument :
BNA_P
ClientSampleId :
COMP-4-BORING-1-23-25

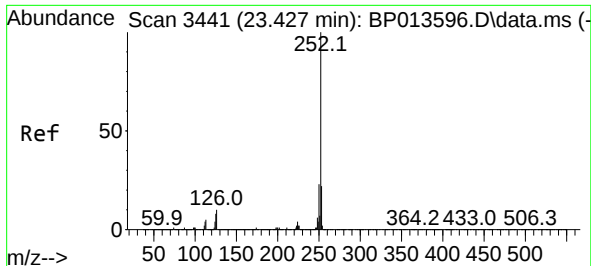
Tgt Ion:149 Resp: 64666
Ion Ratio Lower Upper
149 100
167 2.3 1.3 1.9#
43 10.5 8.6 12.8



#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

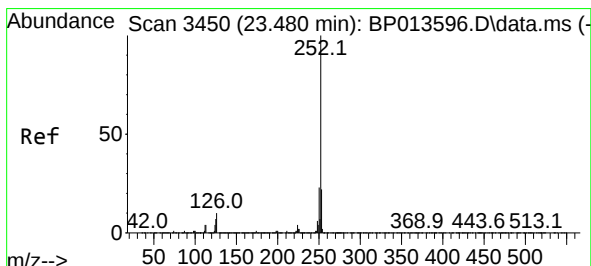
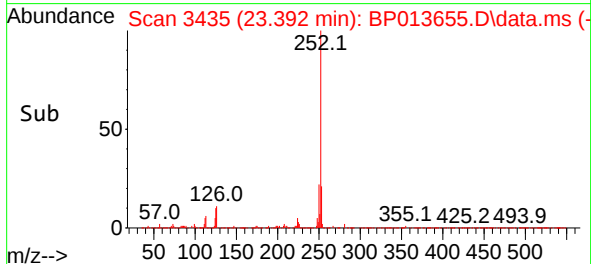
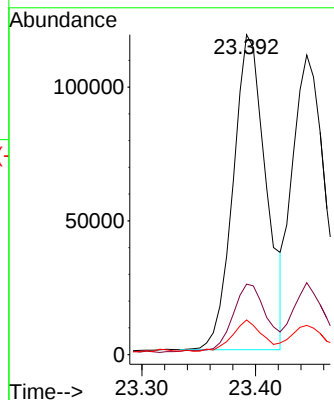
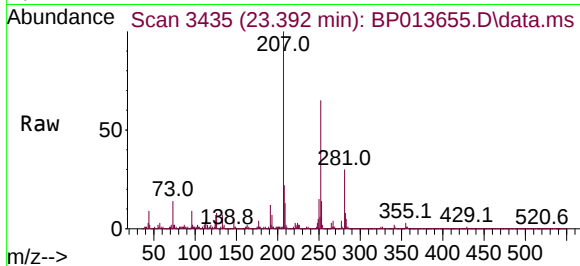




#88
Benzo(b)fluoranthene
Concen: 3.227 ng
RT: 23.392 min Scan# 3441
Delta R.T. -0.018 min
Lab File: BP013655.D
Acq: 30 Jan 2023 20:53

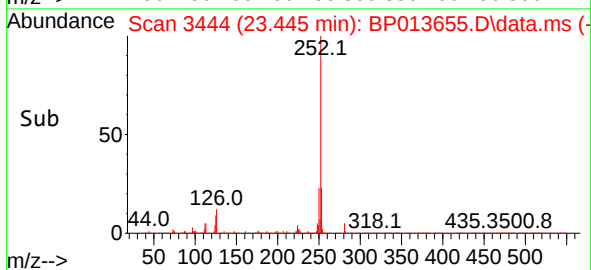
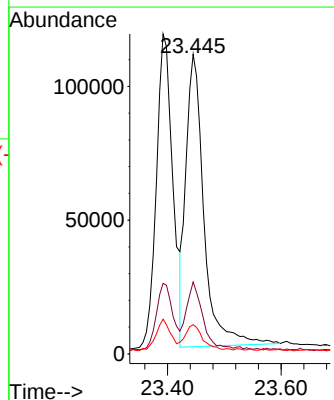
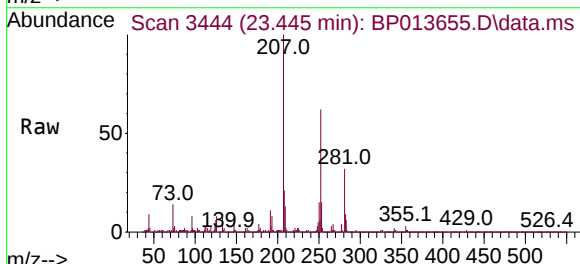
Instrument :
BNA_P
ClientSampleId :
COMP-4-BORING-1-23-25

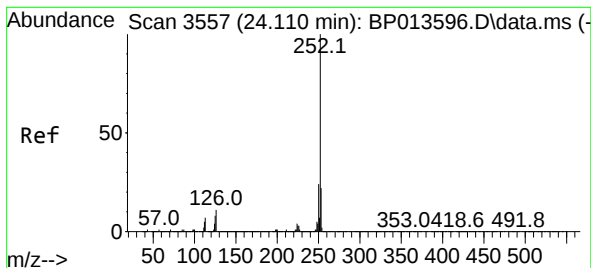
Tgt Ion:252 Resp: 237182
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.8 6.2 9.4#



#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# 31

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

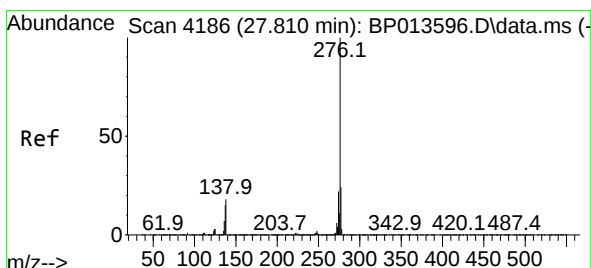
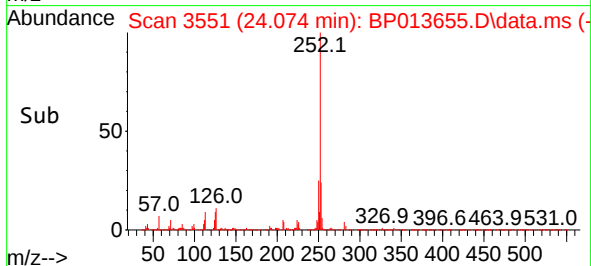
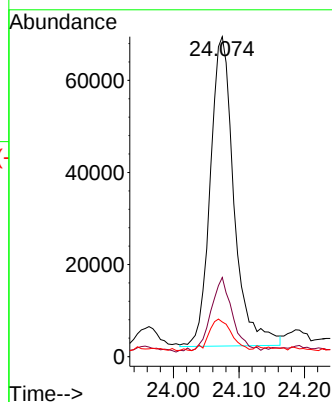
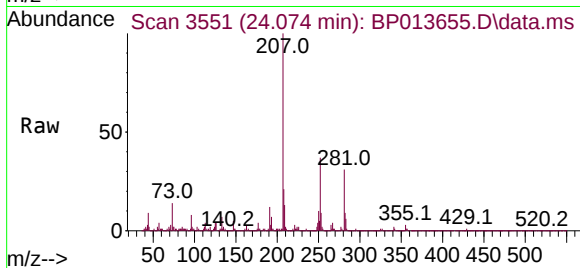
Tgt Ion:252 Resp: 169112

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#

