

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)

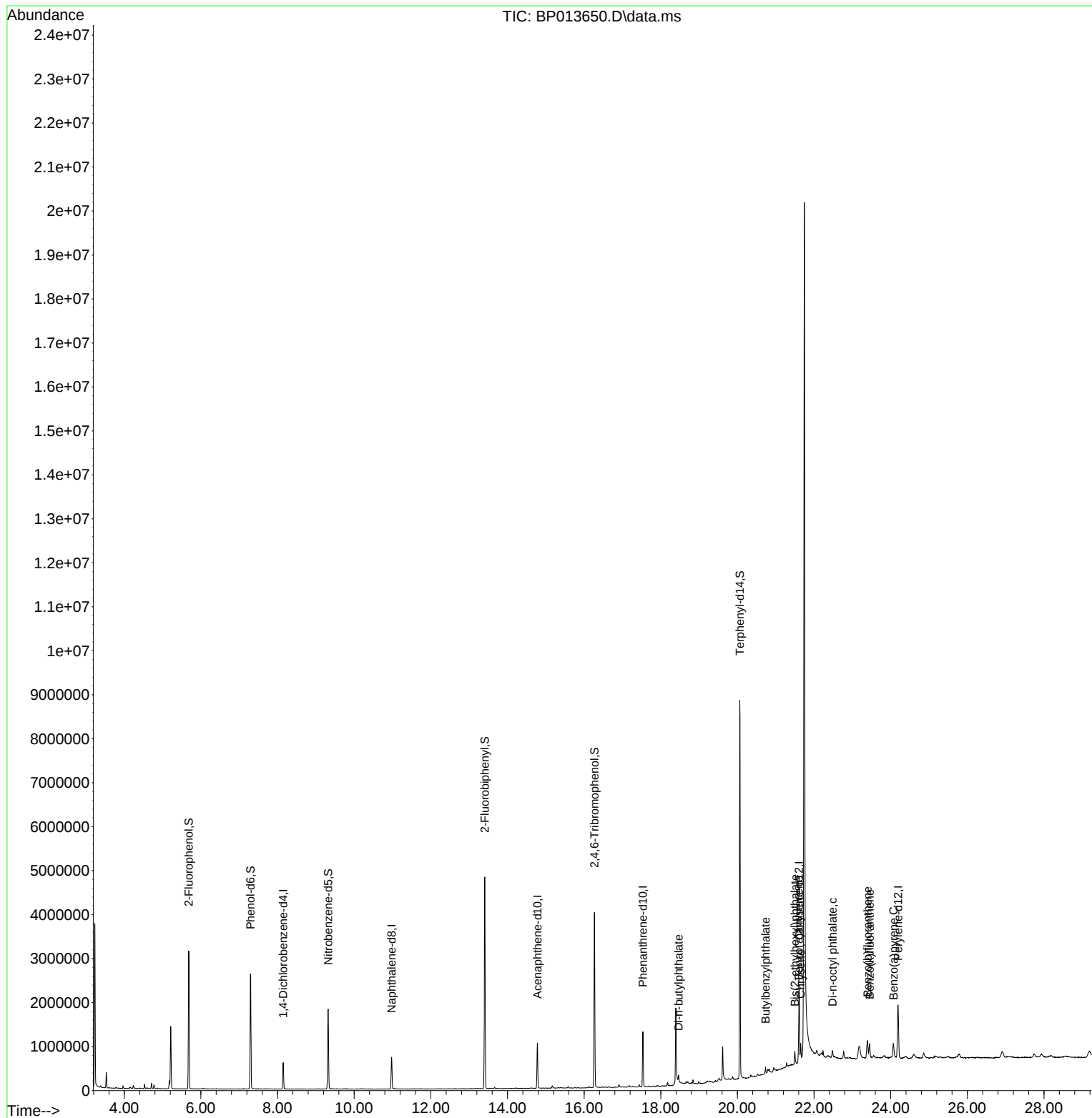
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	169924	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	603365	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	362770	20.000	ng	0.00
64) Phenanthrene-d10	17.534	188	796736	20.000	ng	0.00
76) Chrysene-d12	21.610	240	837657	20.000	ng	-0.01
86) Perylene-d12	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
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
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

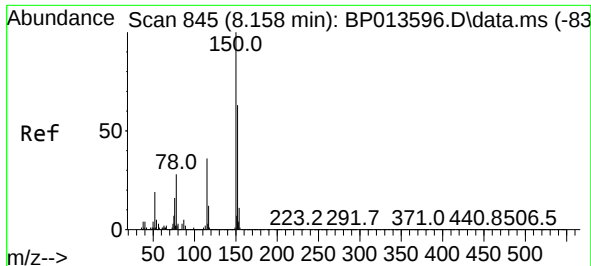
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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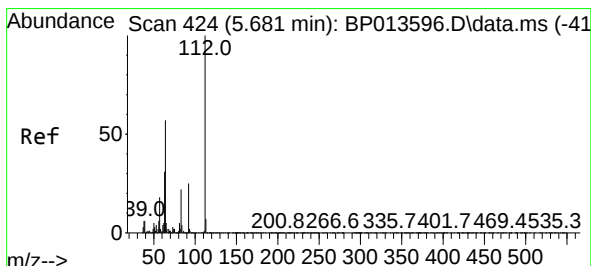
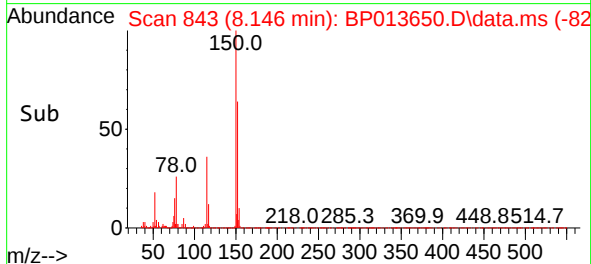
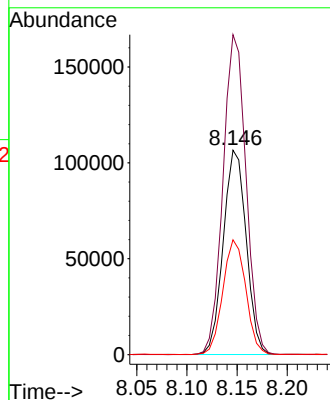
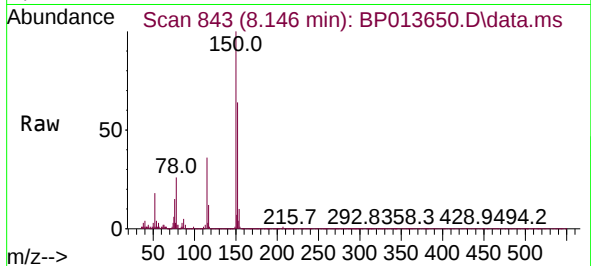




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

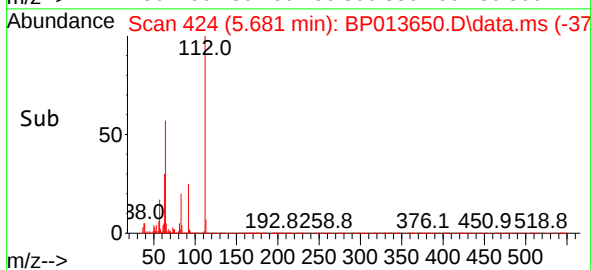
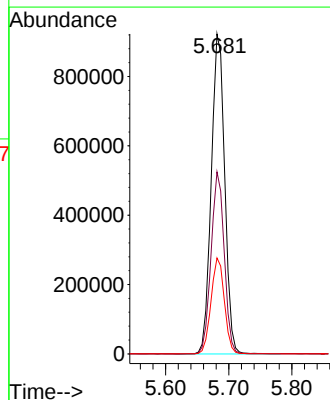
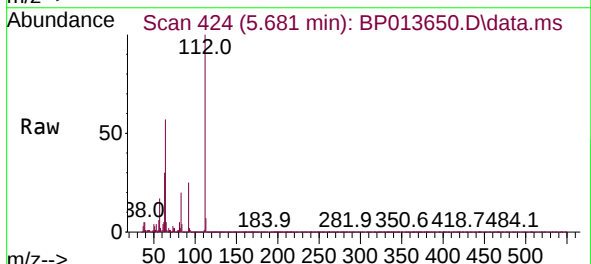
Instrument :
BNA_P
ClientSampleId :
COMP-1-BORING-1-0-7

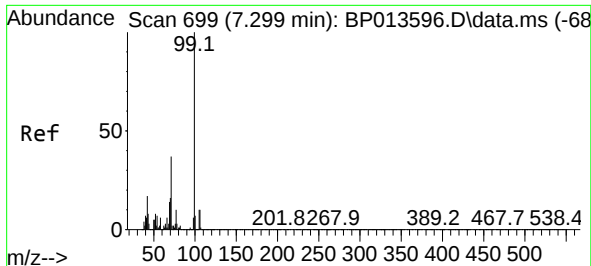
Tgt Ion:152 Resp: 169924
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 56.2 45.1 67.7



#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



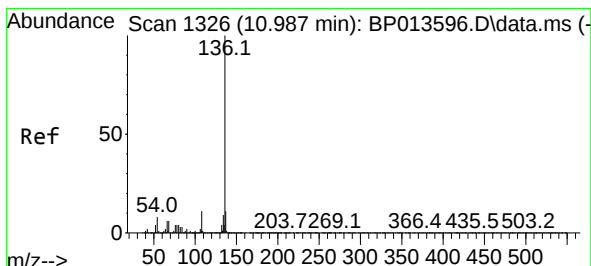
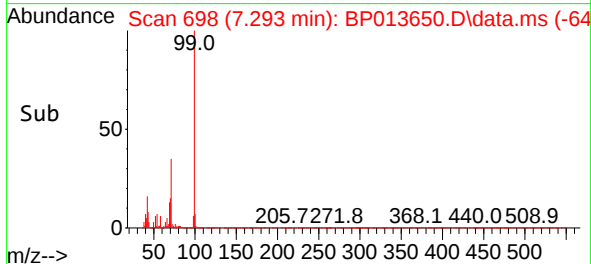
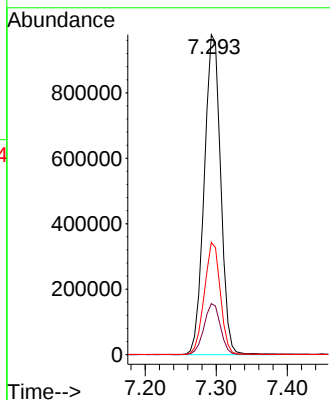
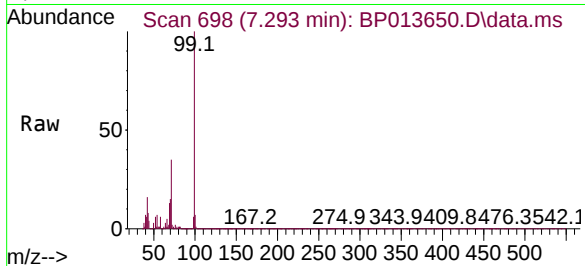


#7
Phenol-d6
Concen: 122.482 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

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

Tgt Ion: 99 Resp: 1568973

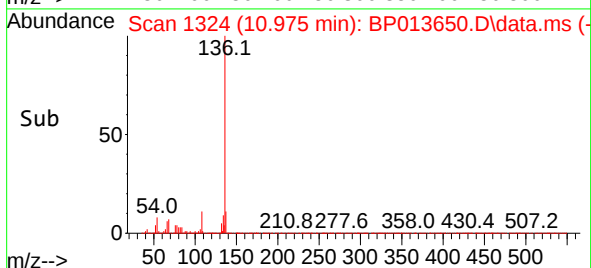
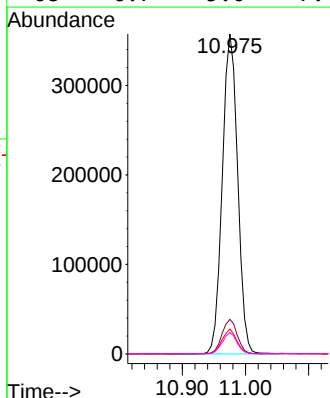
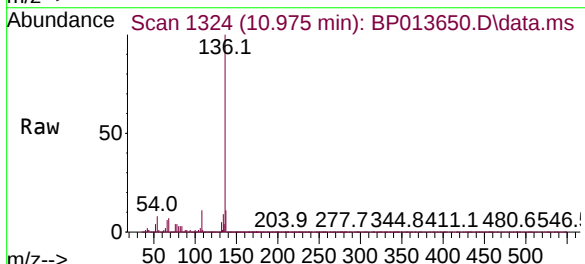
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.4	20.2
71	35.1	29.9	44.9

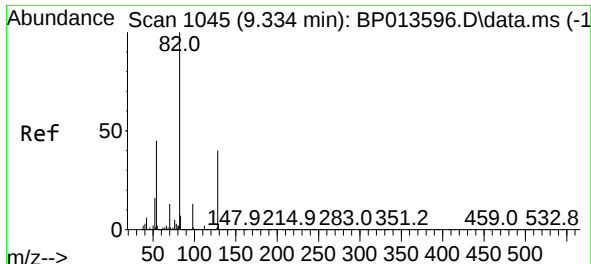


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

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

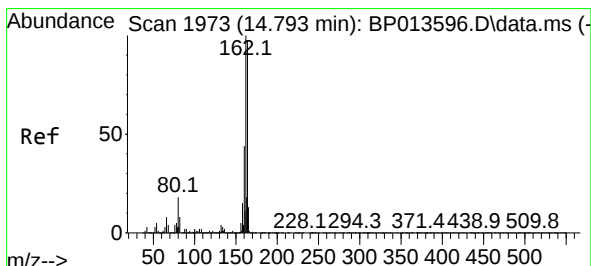
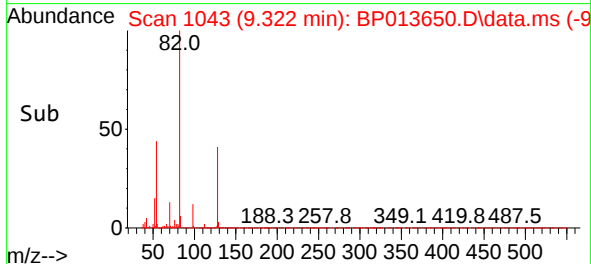
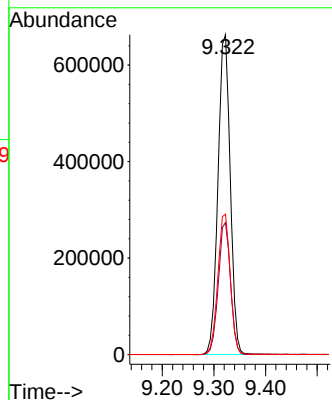
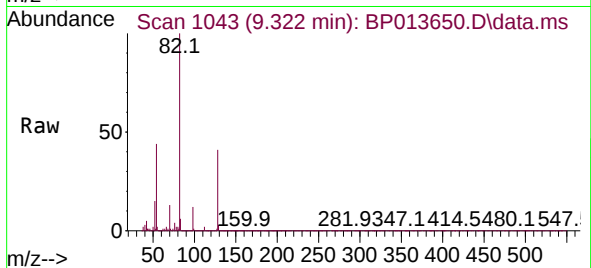




#23
Nitrobenzene-d5
Concen: 99.490 ng
RT: 9.322 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

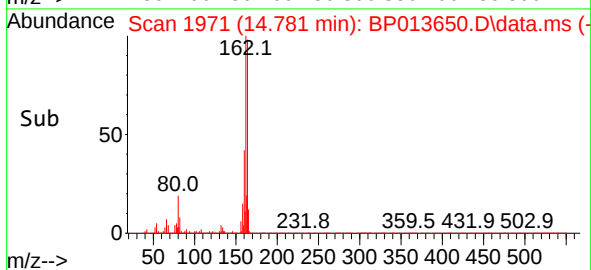
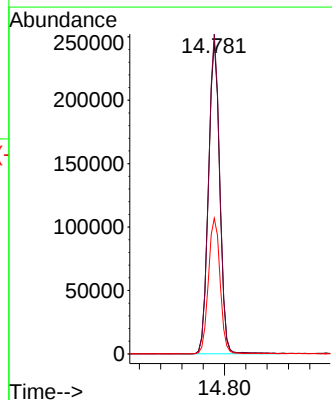
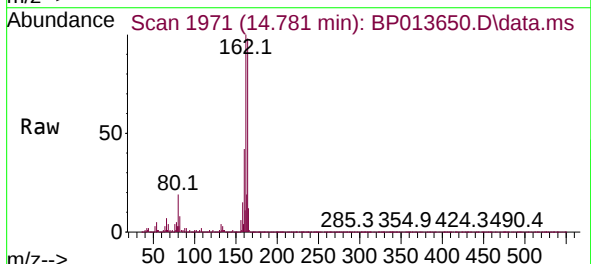
Instrument :
BNA_P
ClientSampleId :
COMP-1-BORING-1-0-7

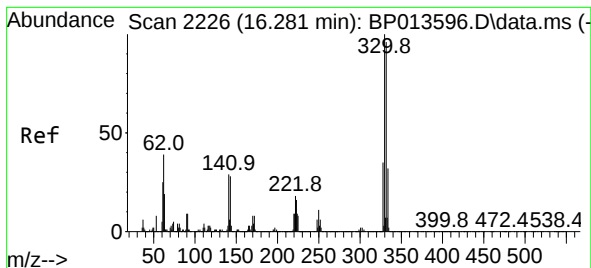
Tgt Ion: 82 Resp: 1092469
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.8
54 43.9 36.2 54.2



#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

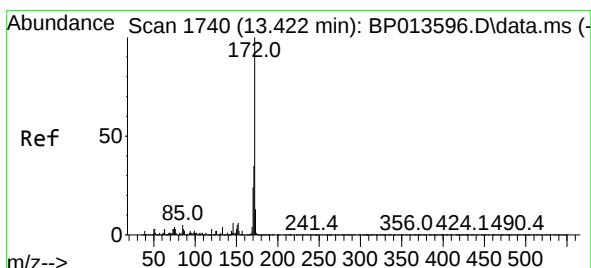
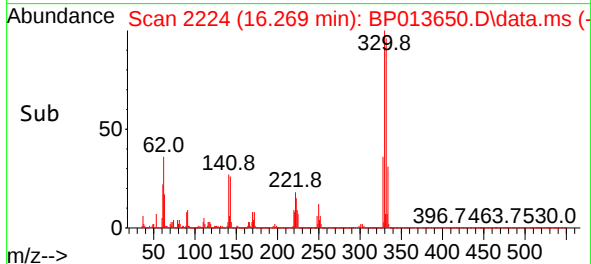
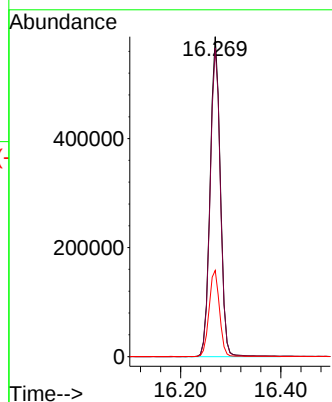
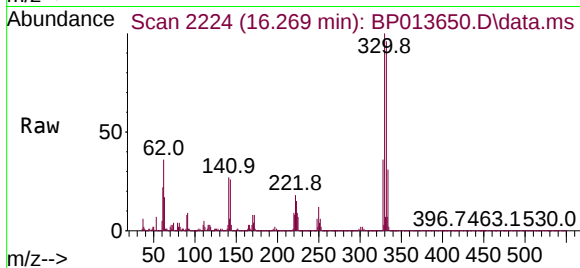
Tgt Ion:330 Resp: 827184

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

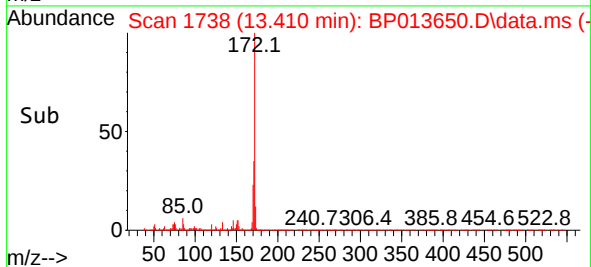
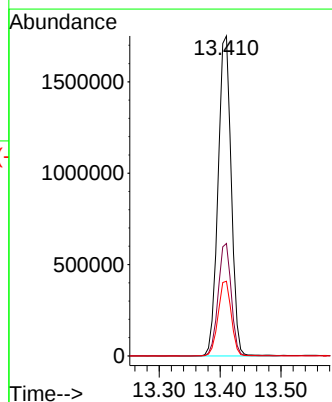
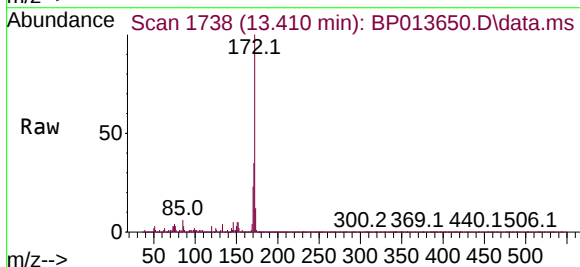
Tgt Ion:172 Resp: 2629655

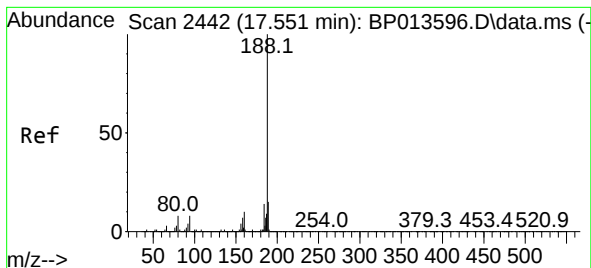
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.3 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.534 min Scan# 24

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

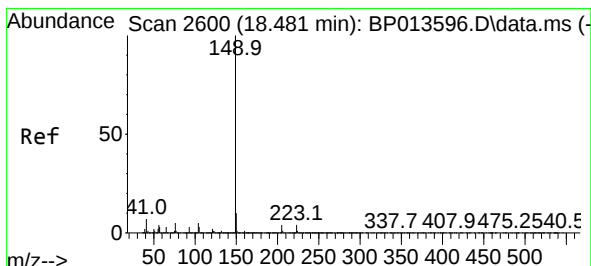
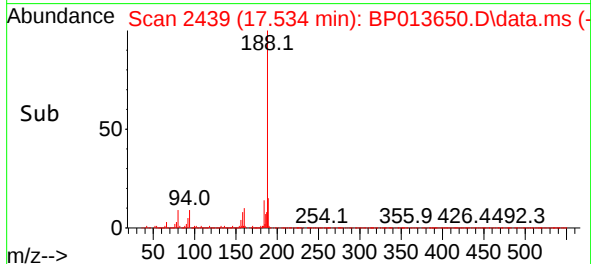
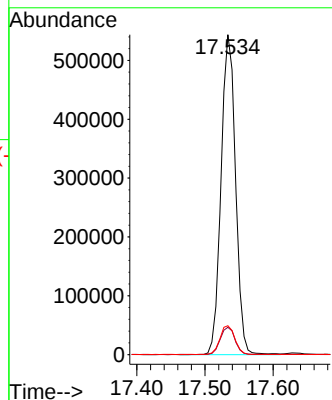
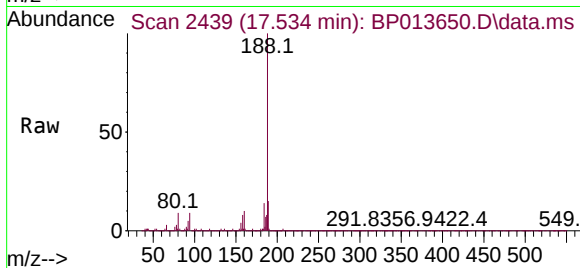
Tgt Ion:188 Resp: 796736

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# 2597

Delta R.T. -0.006 min

Lab File: BP013650.D

Acq: 30 Jan 2023 18:01

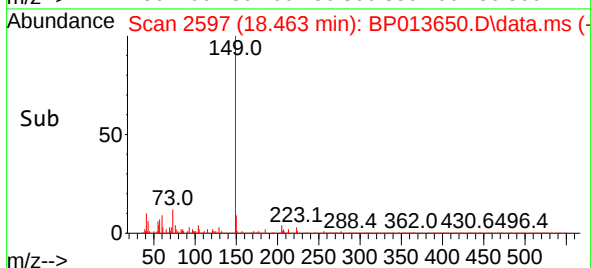
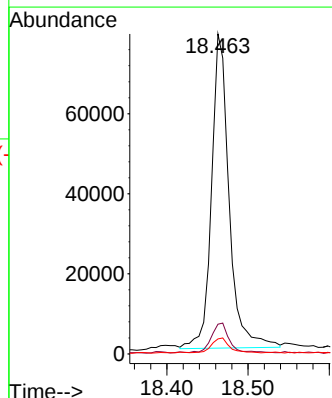
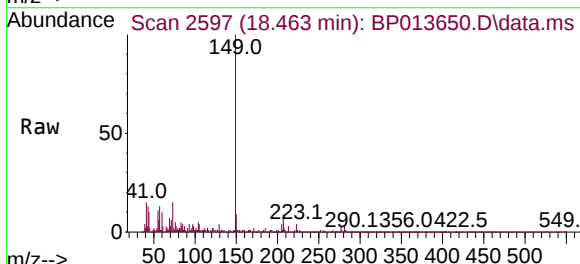
Tgt Ion:149 Resp: 118654

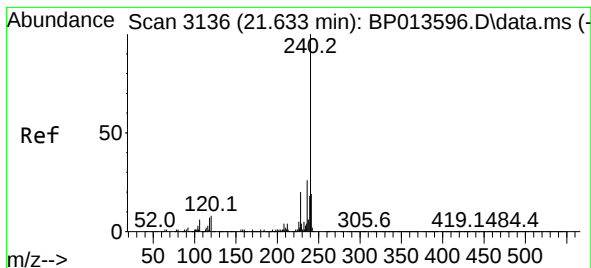
Ion Ratio Lower Upper

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# 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

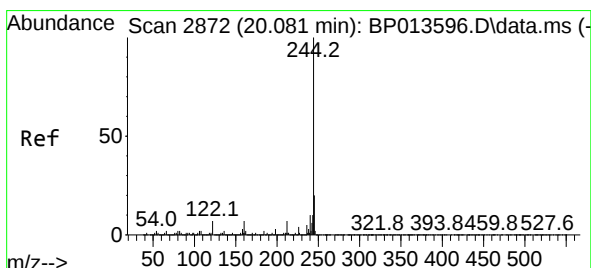
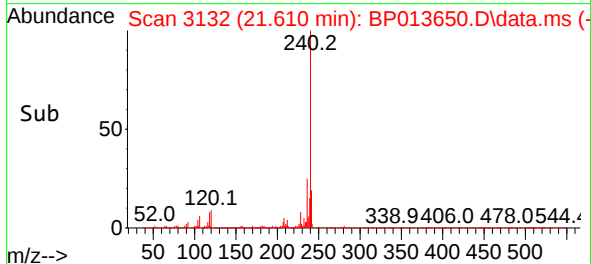
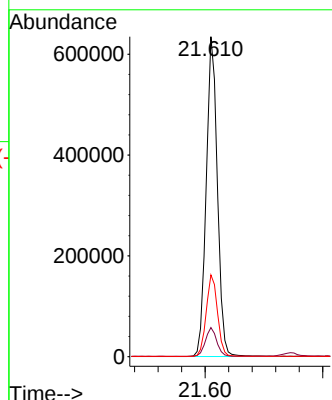
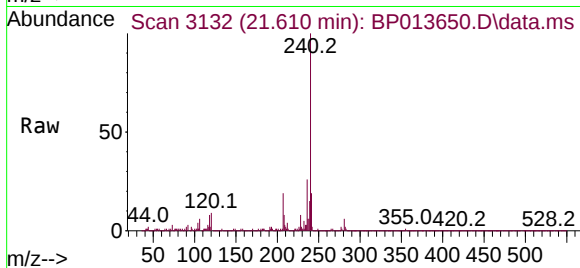
Tgt Ion:240 Resp: 837657

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# 2869

Delta R.T. -0.006 min

Lab File: BP013650.D

Acq: 30 Jan 2023 18:01

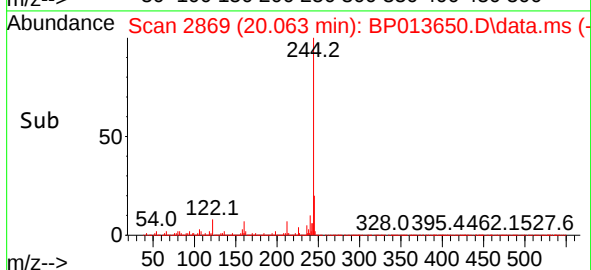
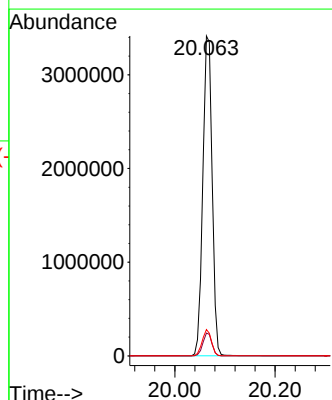
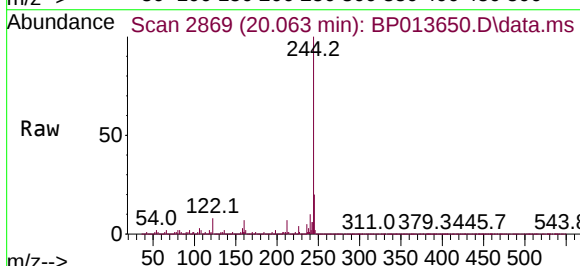
Tgt Ion:244 Resp: 4424880

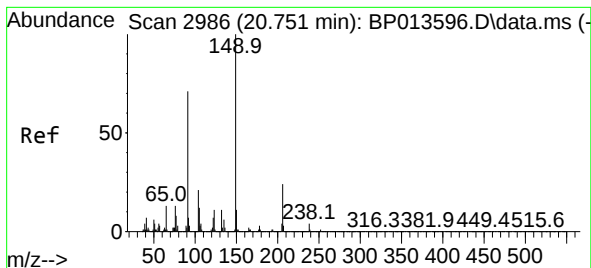
Ion Ratio Lower Upper

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# 29

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

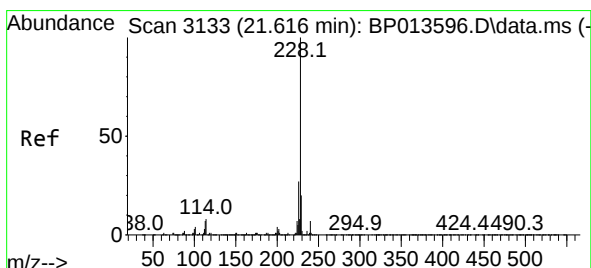
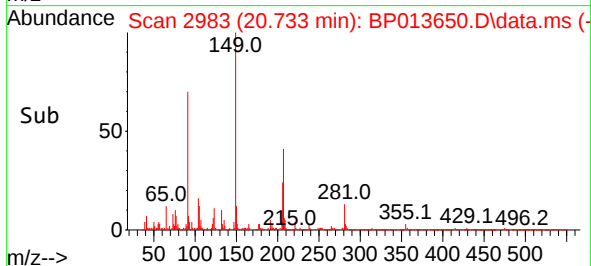
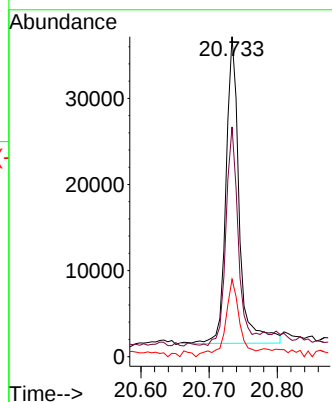
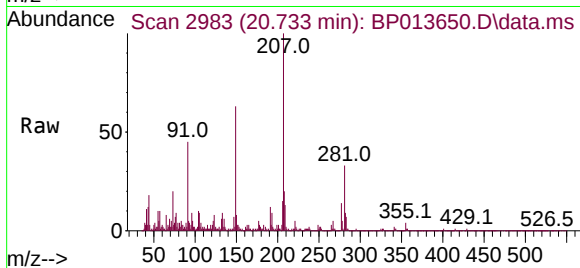
Tgt Ion:149 Resp: 47970

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# 3130

Delta R.T. -0.006 min

Lab File: BP013650.D

Acq: 30 Jan 2023 18:01

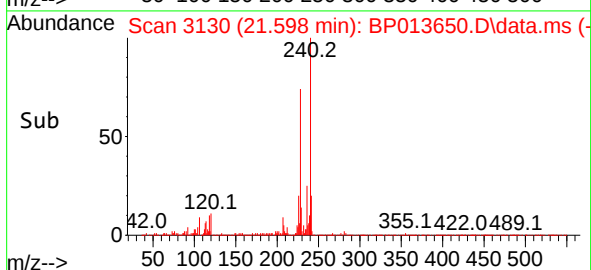
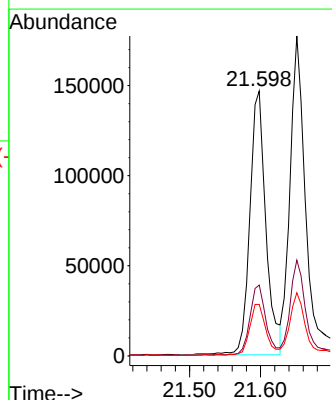
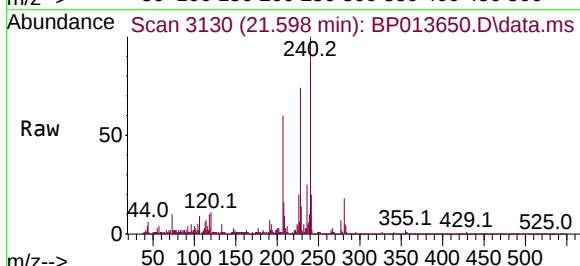
Tgt Ion:228 Resp: 231247

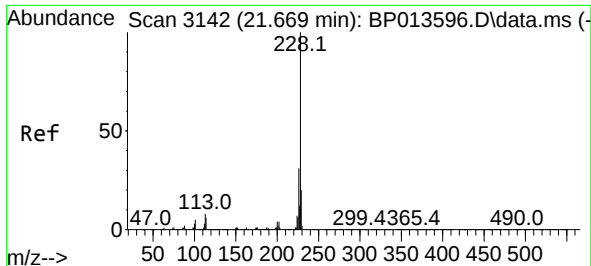
Ion Ratio Lower Upper

228 100

226 26.8 22.0 33.0

229 19.4 15.9 23.9



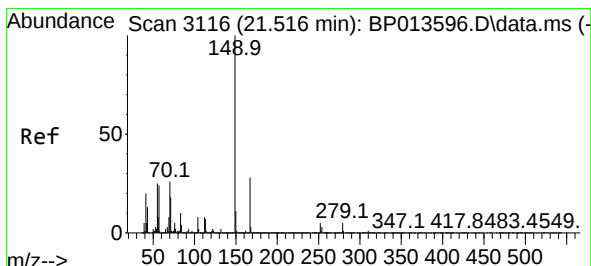
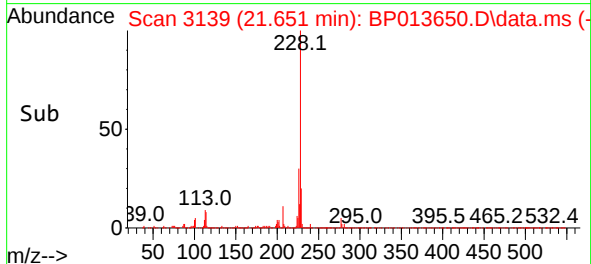
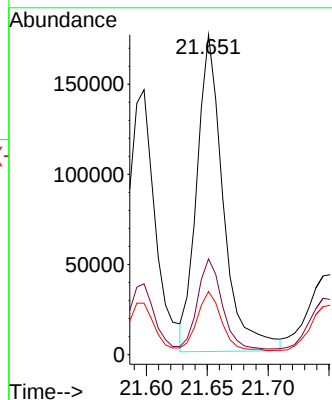
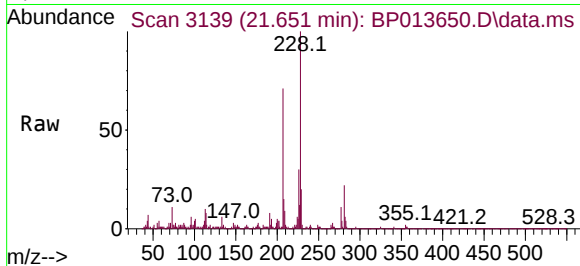


#83
Chrysene
Concen: 4.804 ng
RT: 21.651 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

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

Tgt Ion:228 Resp: 266264

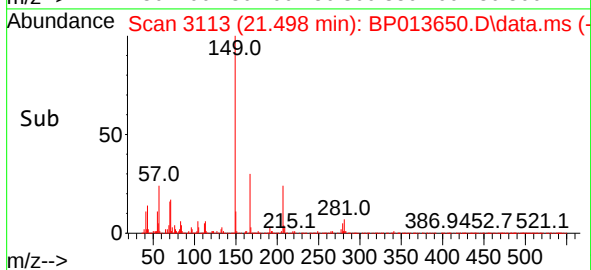
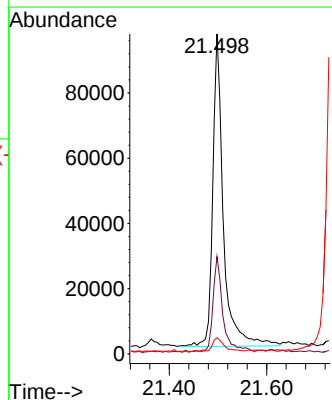
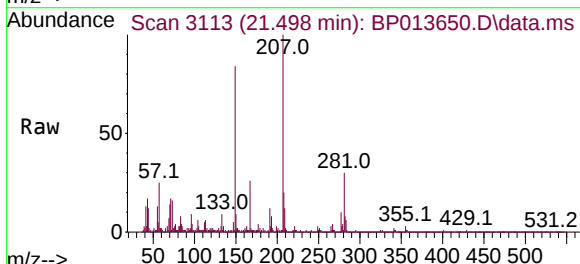
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.8	37.2
229	19.7	15.8	23.8

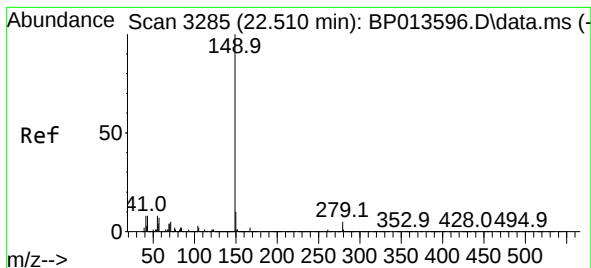


#84
Bis(2-ethylhexyl)phthalate
Concen: 14.675 ng
RT: 21.498 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

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

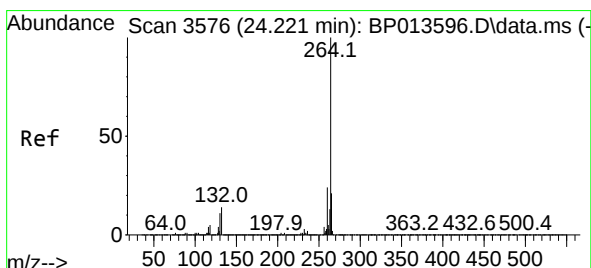
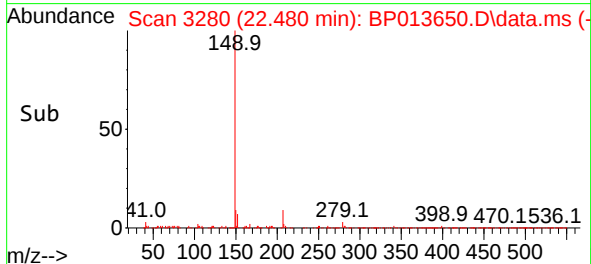
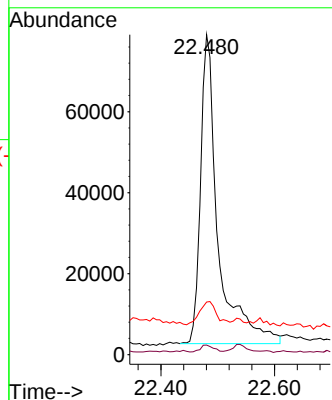
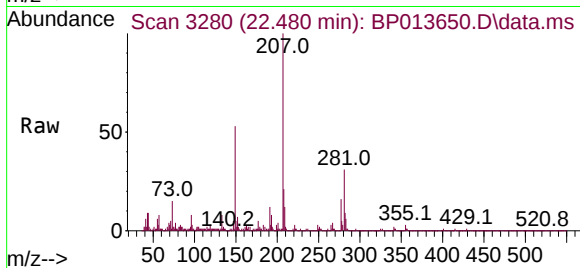




#85
Di-n-octyl phthalate
Concen: 11.772 ng
RT: 22.480 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP013650.D
Acq: 30 Jan 2023 18:01

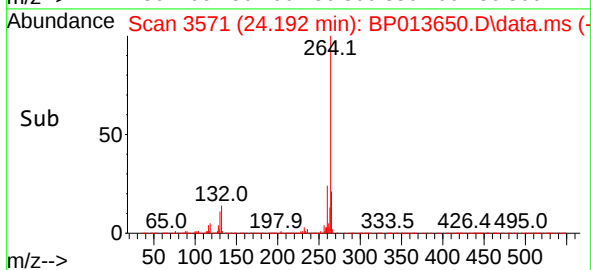
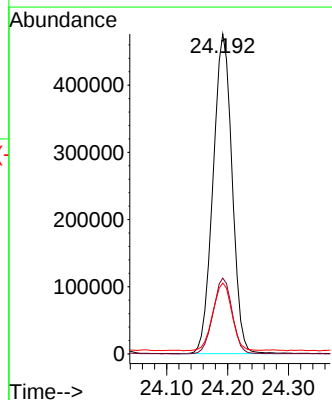
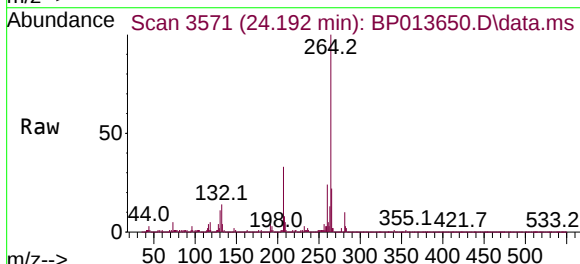
Instrument :
BNA_P
ClientSampleId :
COMP-1-BORING-1-0-7

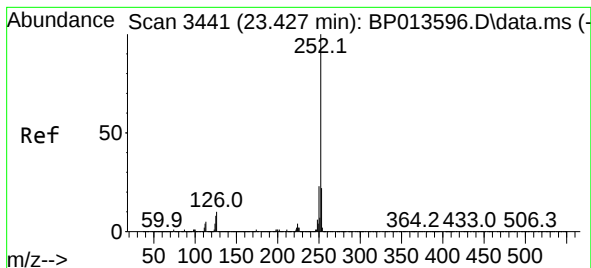
Tgt Ion:149 Resp: 163640
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 7.4 8.6 12.8#



#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

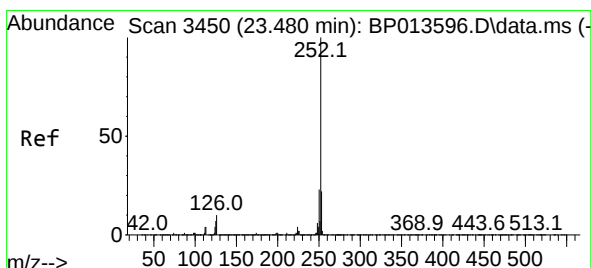
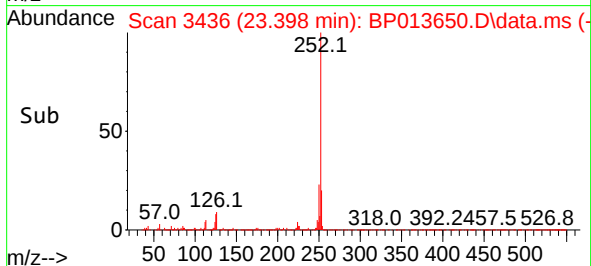
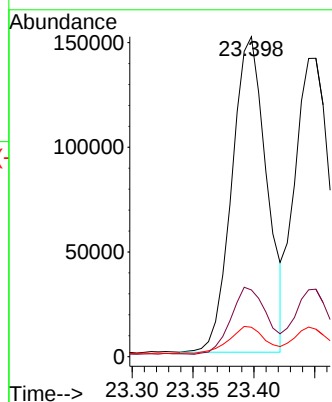
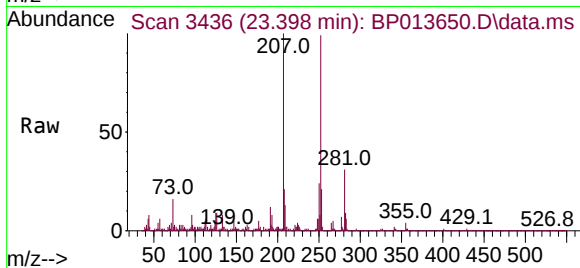
Tgt Ion:252 Resp: 299724

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

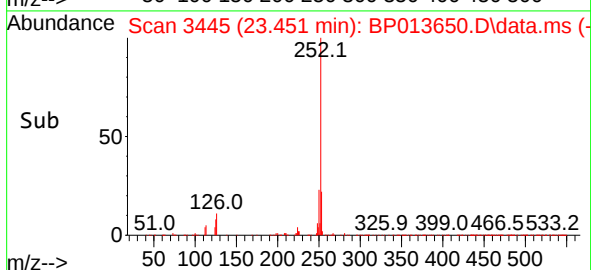
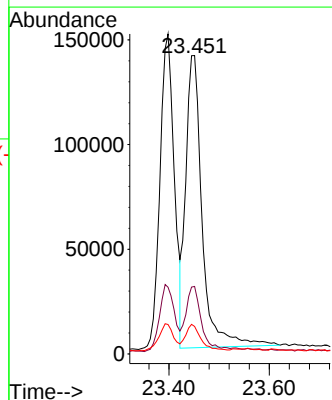
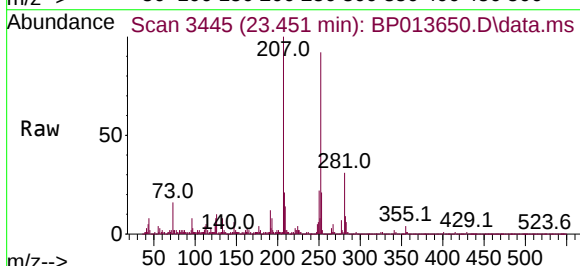
Tgt Ion:252 Resp: 318873

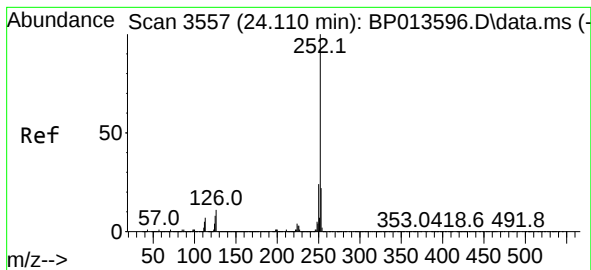
Ion Ratio Lower Upper

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

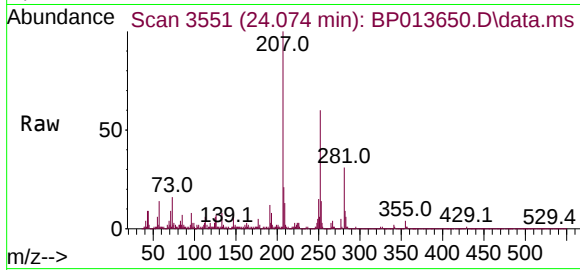
Acq: 30 Jan 2023 18:01

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#

