

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
 Data File : BP013653.D
 Acq On : 30 Jan 2023 19:44
 Operator : CG/JU
 Sample : 01328-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-2-BORING-1-7-14

Quant Time: Jan 31 04:43:30 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)

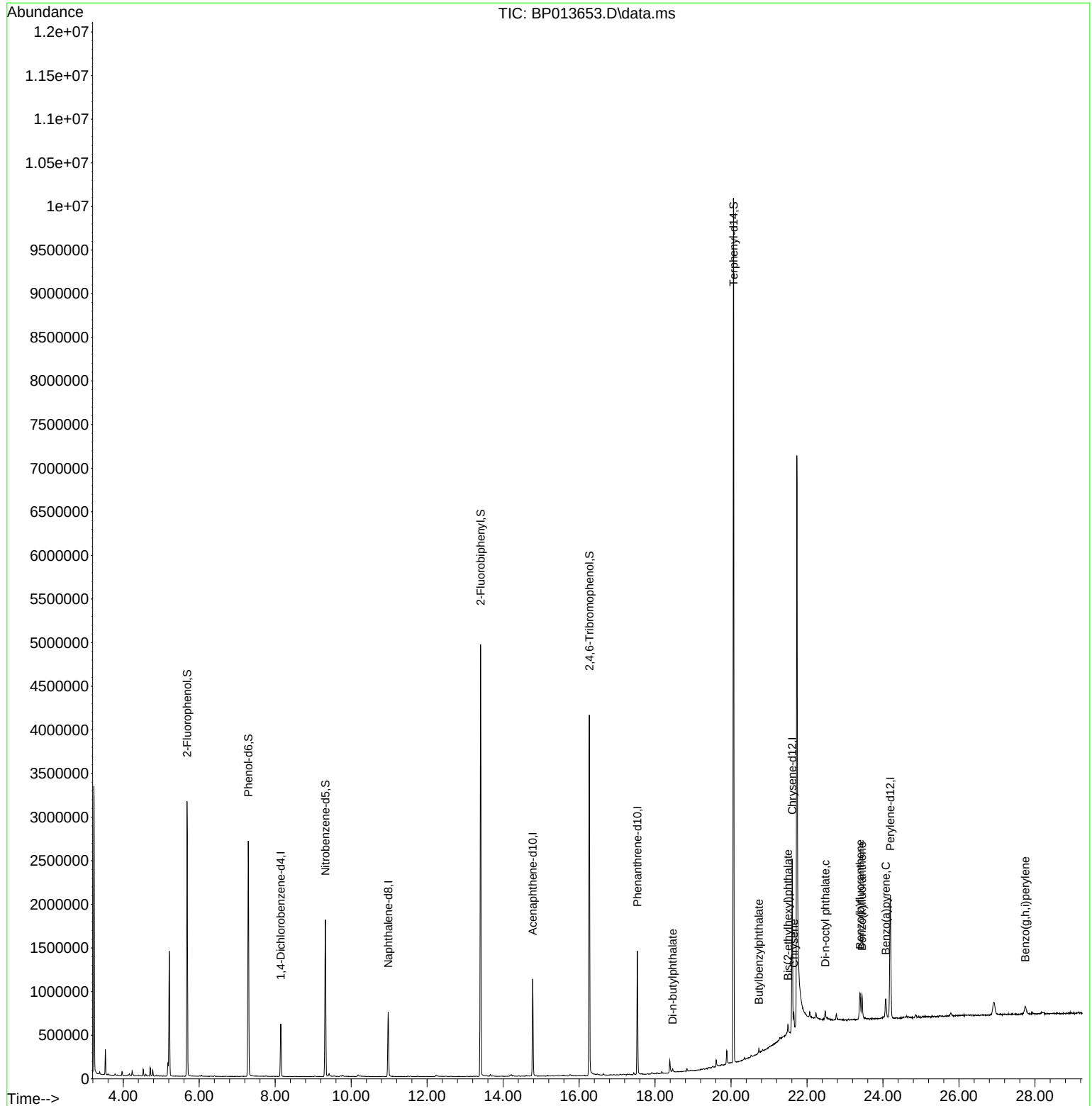
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	165961	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	607458	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	375146	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	873663	20.000	ng	0.00
76) Chrysene-d12	21.609	240	977458	20.000	ng	-0.01
86) Perylene-d12	24.192	264	1184835	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1353819	146.178	ng	0.00
7) Phenol-d6	7.293	99	1593654	127.380	ng	0.00
23) Nitrobenzene-d5	9.322	82	1074328	97.178	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	886422	155.198	ng	0.00
45) 2-Fluorobiphenyl	13.410	172	2712939	103.284	ng	0.00
79) Terphenyl-d14	20.068	244	5186304	93.630	ng	0.00
Target Compounds						
						Qvalue
74) Di-n-butylphthalate	18.463	149	30714	4.336	ng	99
80) Butylbenzylphthalate	20.733	149	19201	7.001	ng	91
83) Chrysene	21.651	228	138341	2.139	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	43576	6.341	ng	98
85) Di-n-octyl phthalate	22.480	149	94984	6.481	ng	# 99
88) Benzo(b)fluoranthene	23.398	252	257387	3.384	ng	98
89) Benzo(k)fluoranthene	23.445	252	264909	3.508	ng	# 98
90) Benzo(a)pyrene	24.074	252	191814	2.679	ng	# 96
92) Benzo(g,h,i)perylene	27.744	276	149996	2.198	ng	# 88

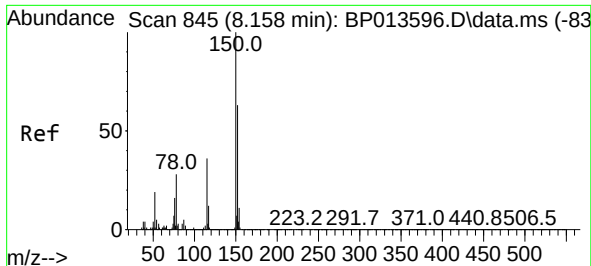
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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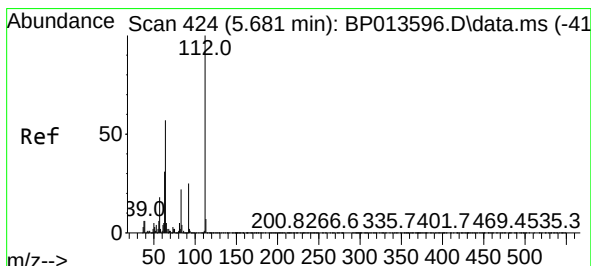
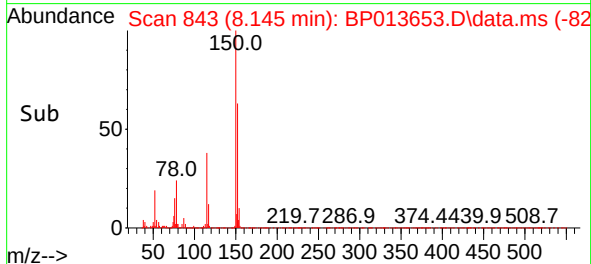
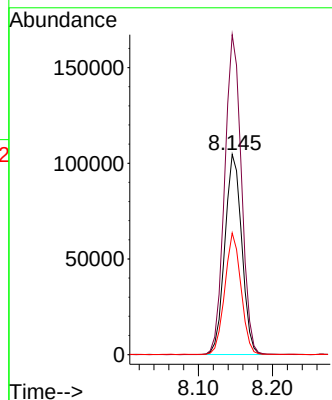
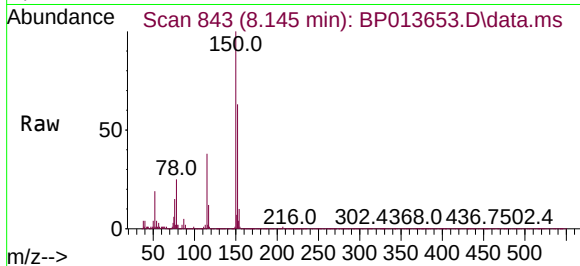




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.145 min Scan# 845
Delta R.T. -0.007 min
Lab File: BP013653.D
Acq: 30 Jan 2023 19:44

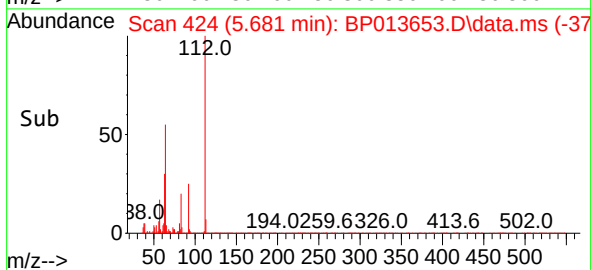
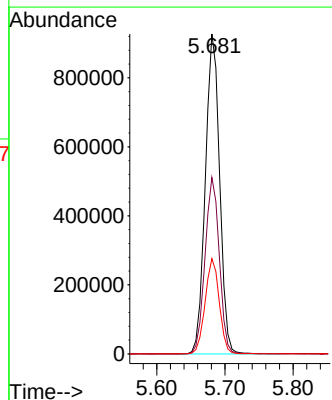
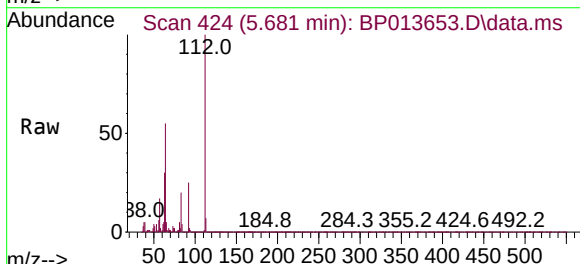
Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

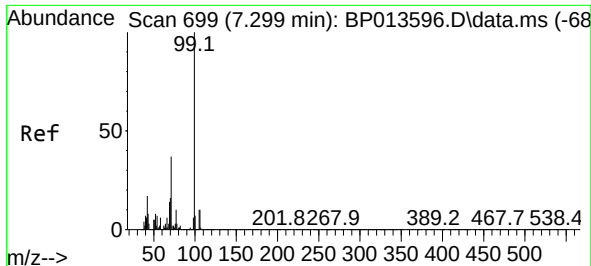
Tgt Ion:152 Resp: 165961
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 60.8 45.1 67.7



#5
2-Fluorophenol
Concen: 146.178 ng
RT: 5.681 min Scan# 424
Delta R.T. -0.000 min
Lab File: BP013653.D
Acq: 30 Jan 2023 19:44

Tgt Ion:112 Resp: 1353819
Ion Ratio Lower Upper
112 100
64 55.1 45.5 68.3
63 29.8 25.1 37.7

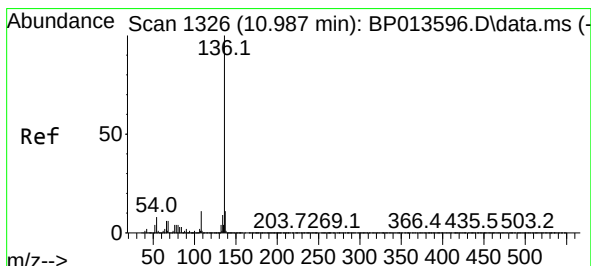
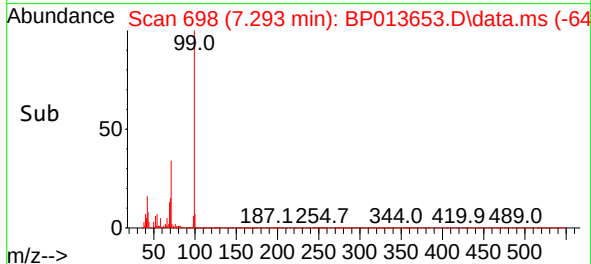
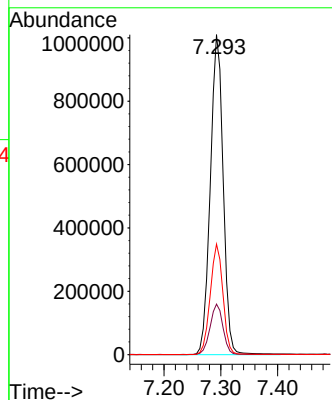
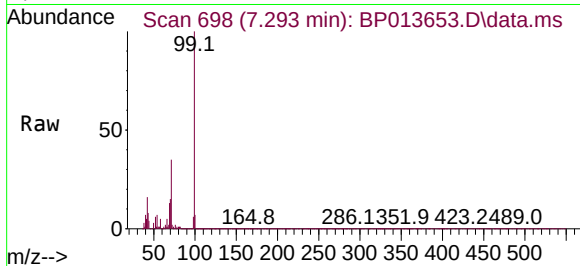




#7
Phenol-d6
Concen: 127.380 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013653.D
Acq: 30 Jan 2023 19:44

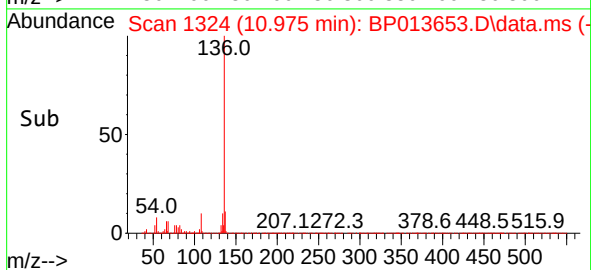
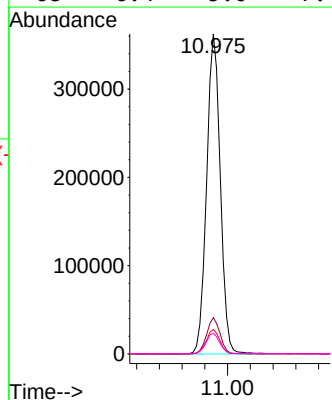
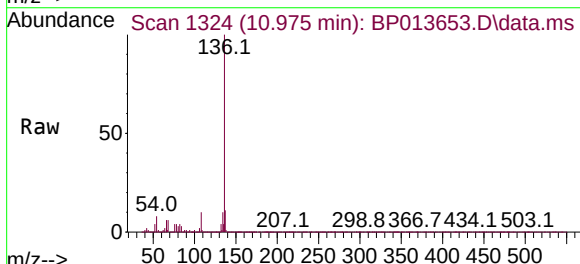
Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

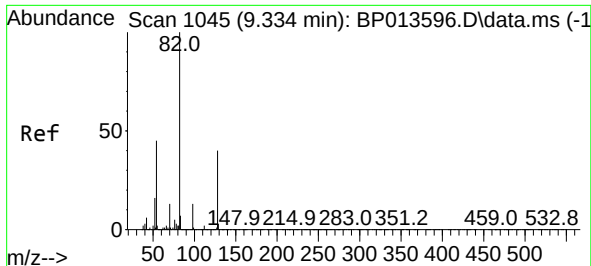
Tgt Ion: 99 Resp: 1593654
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.2
71 34.5 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013653.D
Acq: 30 Jan 2023 19:44

Tgt Ion: 136 Resp: 607458
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.6 6.1 9.1
68 6.4 5.0 7.4

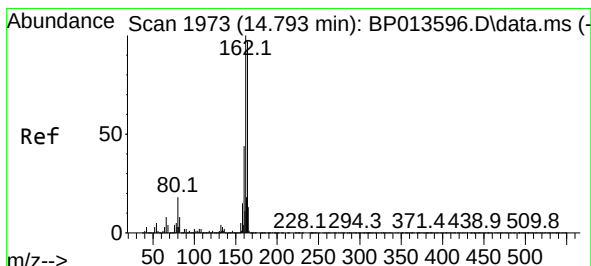
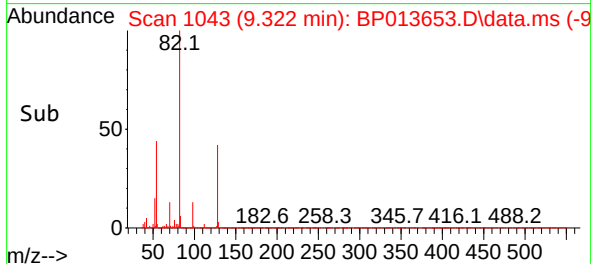
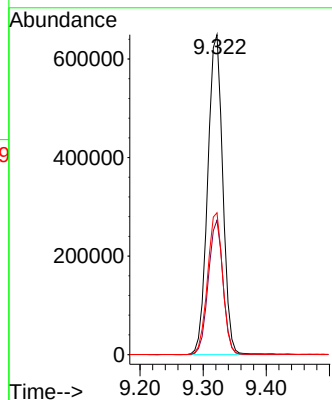
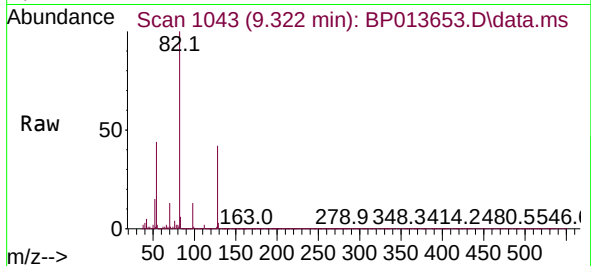




#23
Nitrobenzene-d5
Concen: 97.178 ng
RT: 9.322 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BP013653.D
Acq: 30 Jan 2023 19:44

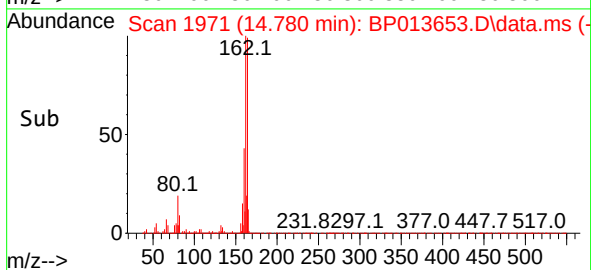
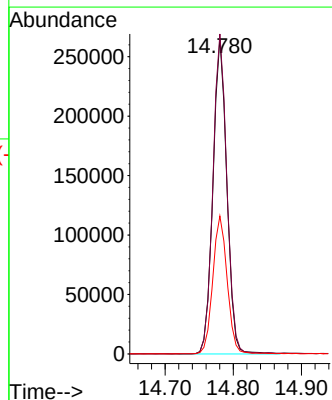
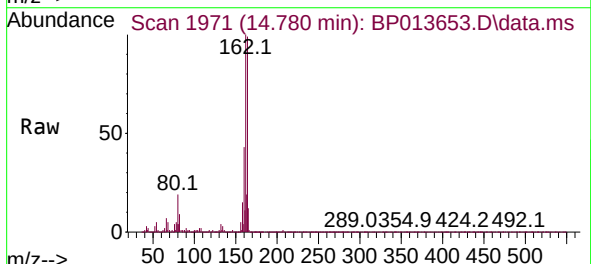
Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

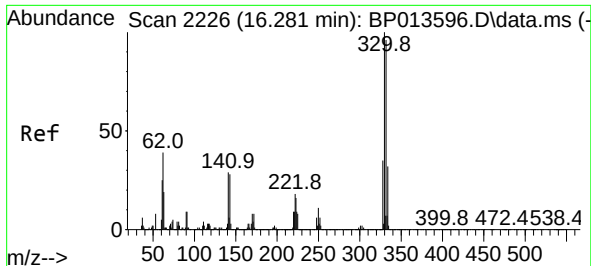
Tgt Ion: 82 Resp: 1074328
Ion Ratio Lower Upper
82 100
128 42.0 31.8 47.8
54 44.3 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP013653.D
Acq: 30 Jan 2023 19:44

Tgt Ion: 164 Resp: 375146
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 43.6 36.6 54.8

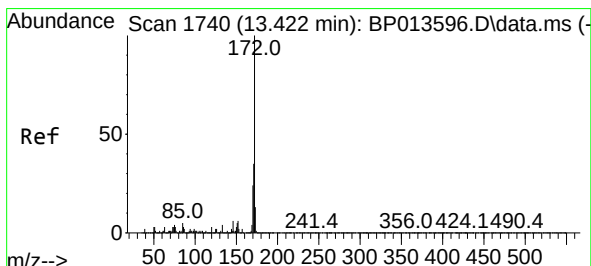
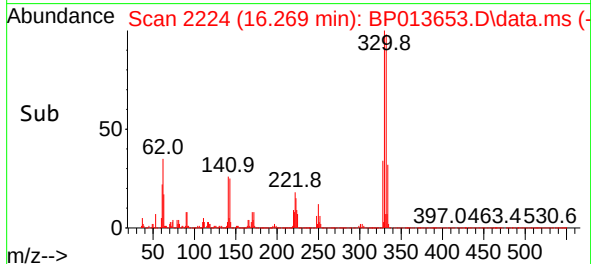
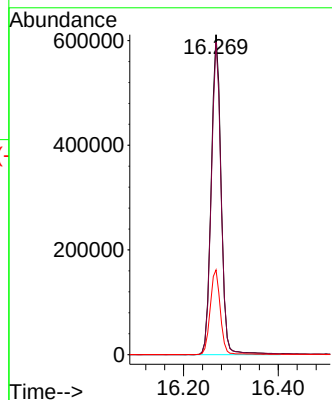
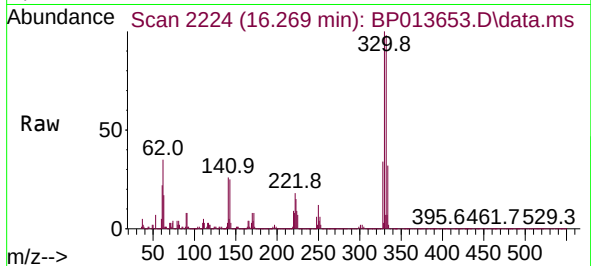




#42
2,4,6-Tribromophenol
Concen: 155.198 ng
RT: 16.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013653.D
Acq: 30 Jan 2023 19:44

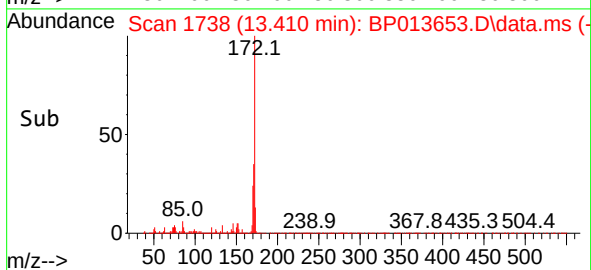
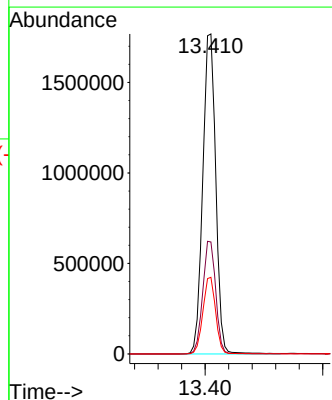
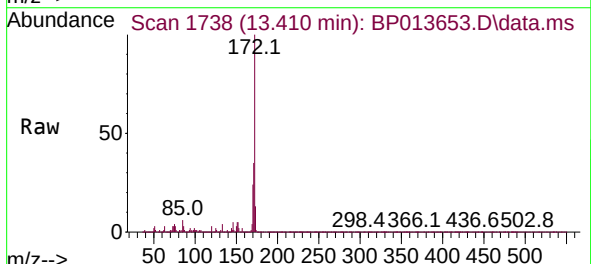
Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

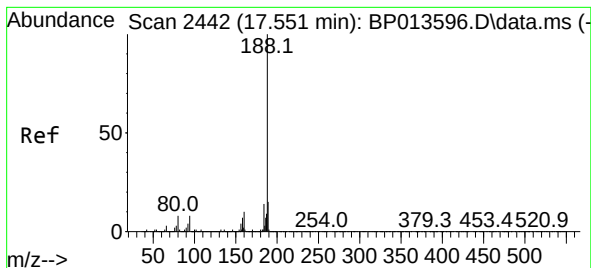
Tgt Ion:330 Resp: 886422
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 27.3 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 103.284 ng
RT: 13.410 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BP013653.D
Acq: 30 Jan 2023 19:44

Tgt Ion:172 Resp: 2712939
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.533 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP013653.D

Acq: 30 Jan 2023 19:44

Instrument :

BNA_P

ClientSampleId :

COMP-2-BORING-1-7-14

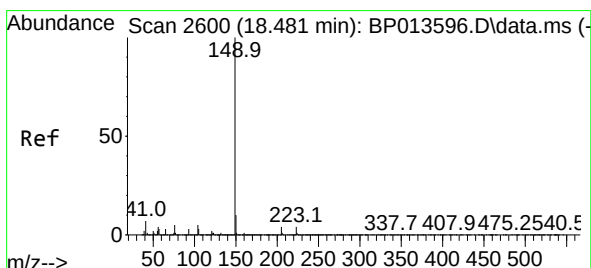
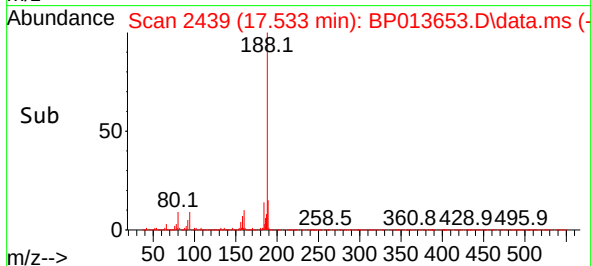
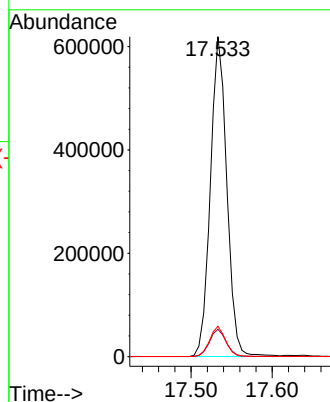
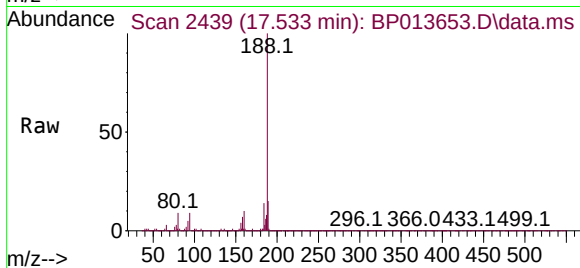
Tgt Ion:188 Resp: 873663

Ion Ratio Lower Upper

188 100

94 8.5 6.1 9.1

80 9.5 6.6 10.0



#74

Di-n-butylphthalate

Concen: 4.336 ng

RT: 18.463 min Scan# 2597

Delta R.T. -0.006 min

Lab File: BP013653.D

Acq: 30 Jan 2023 19:44

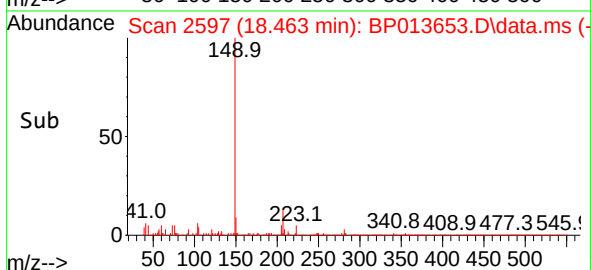
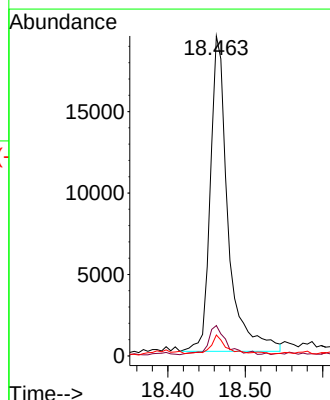
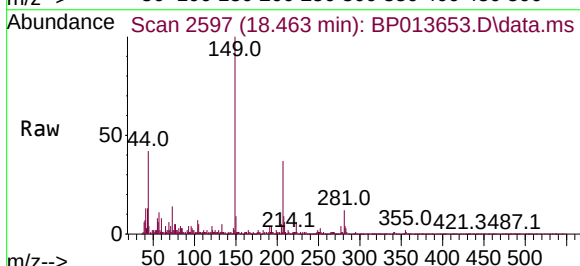
Tgt Ion:149 Resp: 30714

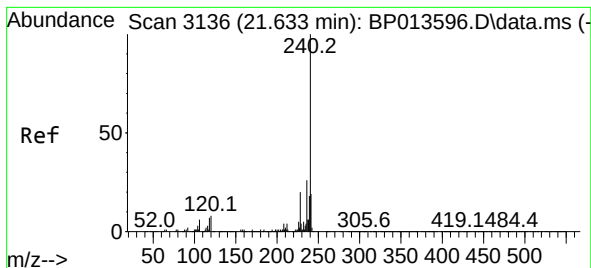
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 6.5 4.4 6.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.609 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013653.D

Acq: 30 Jan 2023 19:44

Instrument :

BNA_P

ClientSampleId :

COMP-2-BORING-1-7-14

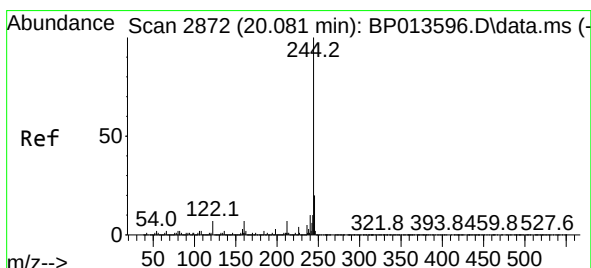
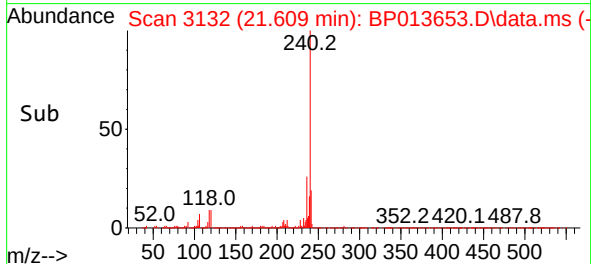
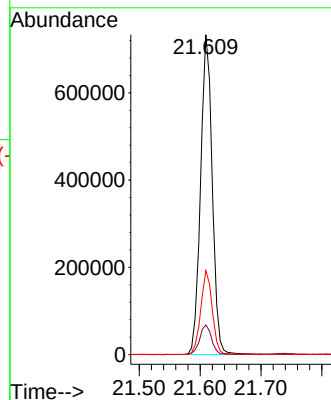
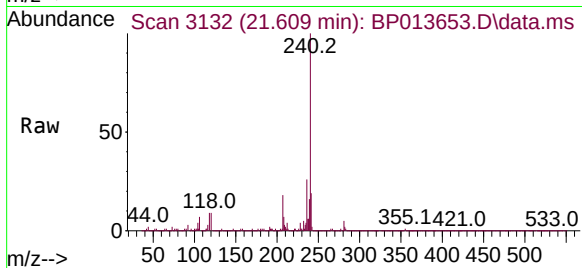
Tgt Ion:240 Resp: 977458

Ion Ratio Lower Upper

240 100

120 9.3 6.7 10.1

236 26.2 20.7 31.1



#79

Terphenyl-d14

Concen: 93.630 ng

RT: 20.068 min Scan# 2870

Delta R.T. -0.000 min

Lab File: BP013653.D

Acq: 30 Jan 2023 19:44

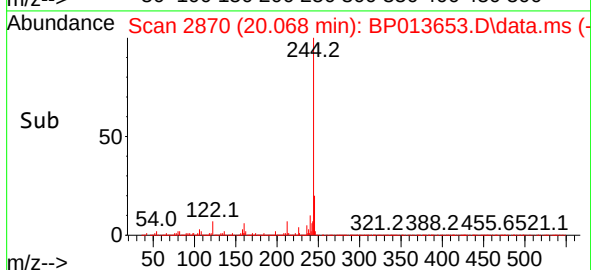
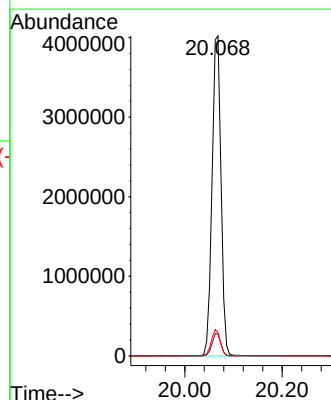
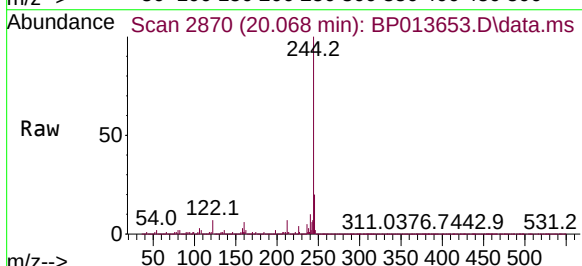
Tgt Ion:244 Resp: 5186304

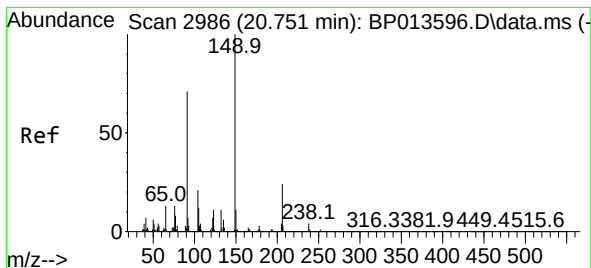
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 7.3 5.3 7.9





#80

Butylbenzylphthalate

Concen: 7.001 ng

RT: 20.733 min Scan# 29

Delta R.T. -0.006 min

Lab File: BP013653.D

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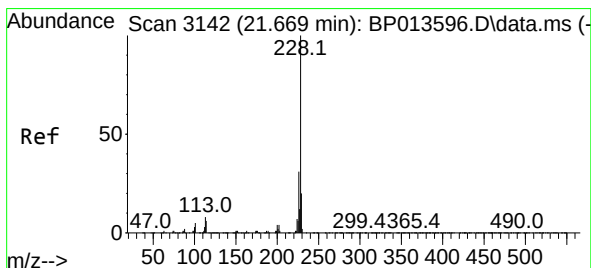
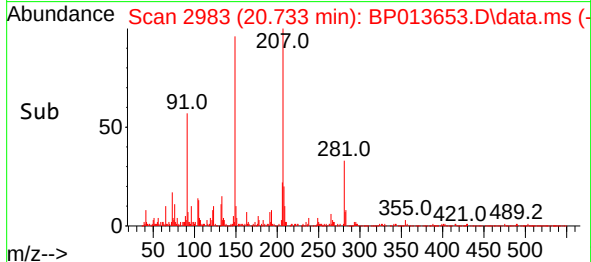
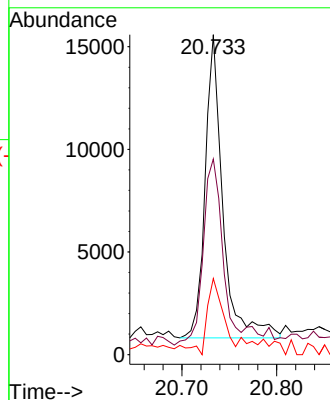
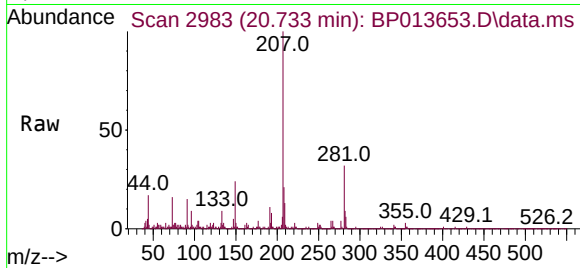
Tgt Ion:149 Resp: 19201

Ion Ratio Lower Upper

149 100

91 61.1 57.0 85.6

206 23.8 19.0 28.6



#83

Chrysene

Concen: 2.139 ng

RT: 21.651 min Scan# 3139

Delta R.T. -0.012 min

Lab File: BP013653.D

Acq: 30 Jan 2023 19:44

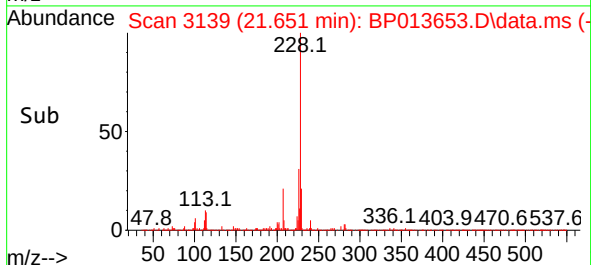
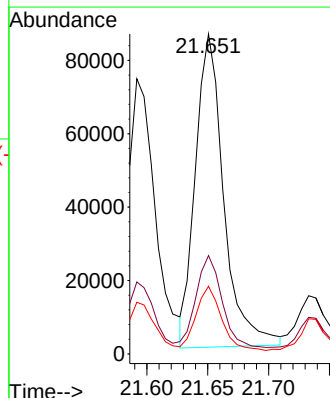
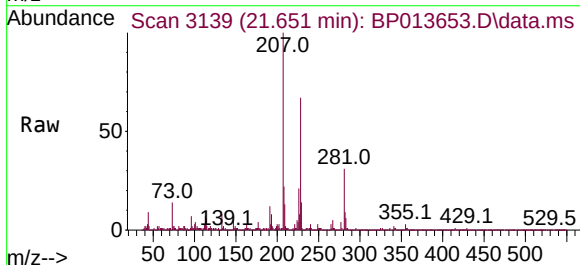
Tgt Ion:228 Resp: 138341

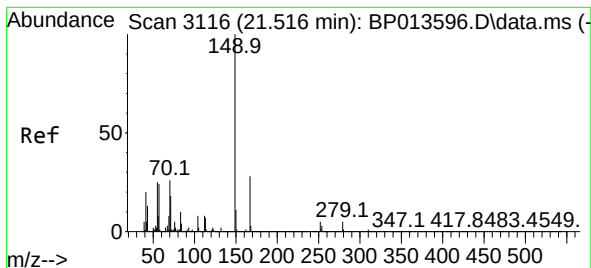
Ion Ratio Lower Upper

228 100

226 30.7 24.8 37.2

229 21.1 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.341 ng

RT: 21.498 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP013653.D

Acq: 30 Jan 2023 19:44

Instrument :

BNA_P

ClientSampleId :

COMP-2-BORING-1-7-14

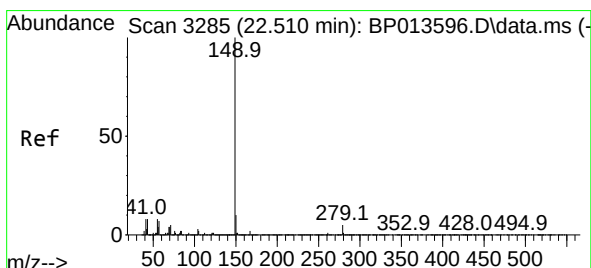
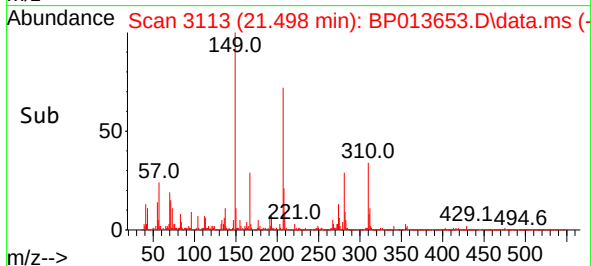
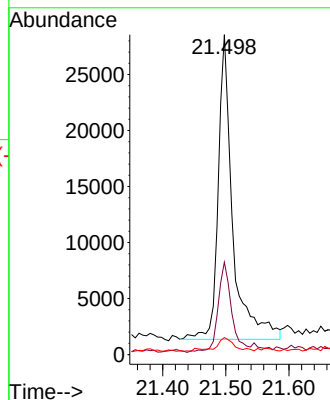
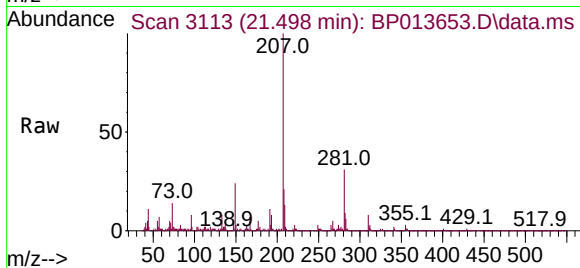
Tgt Ion:149 Resp: 43576

Ion Ratio Lower Upper

149 100

167 28.9 22.2 33.4

279 5.3 3.8 5.6



#85

Di-n-octyl phthalate

Concen: 6.481 ng

RT: 22.480 min Scan# 3280

Delta R.T. -0.012 min

Lab File: BP013653.D

Acq: 30 Jan 2023 19:44

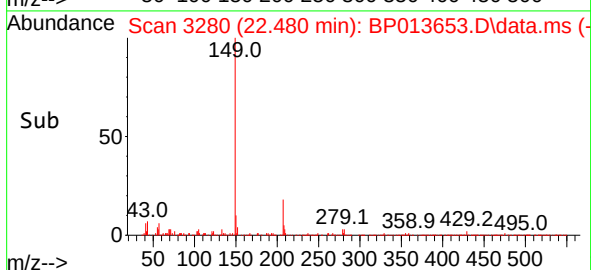
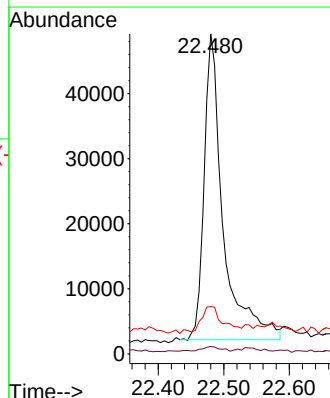
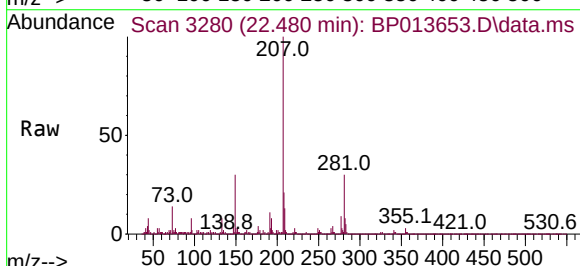
Tgt Ion:149 Resp: 94984

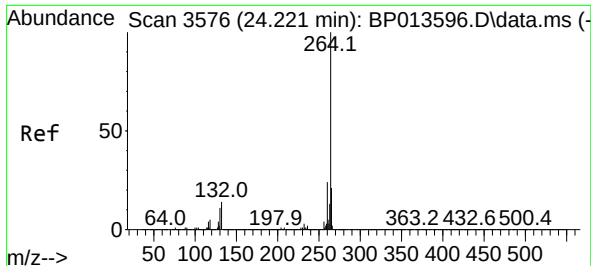
Ion Ratio Lower Upper

149 100

167 2.1 1.3 1.9#

43 10.4 8.6 12.8



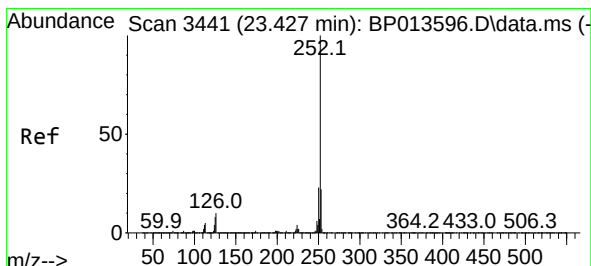
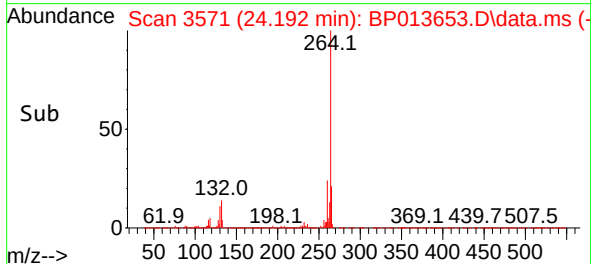
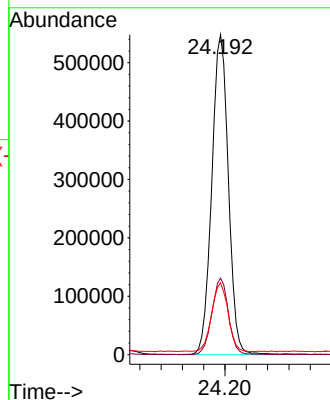
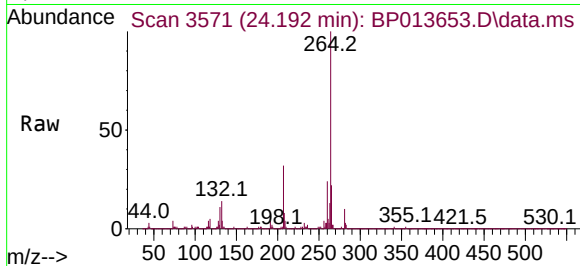


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP013653.D
Acq: 30 Jan 2023 19:44

Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

Tgt Ion:264 Resp: 1184835

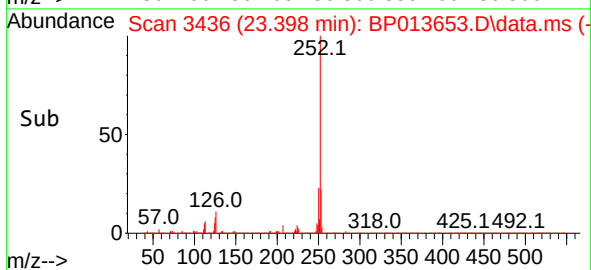
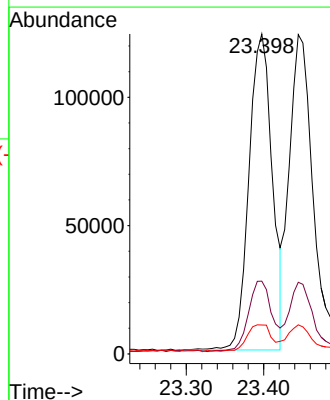
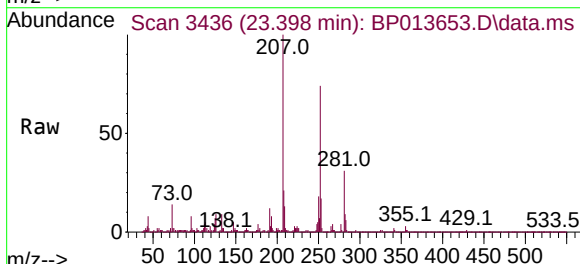
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.4	17.4	26.0

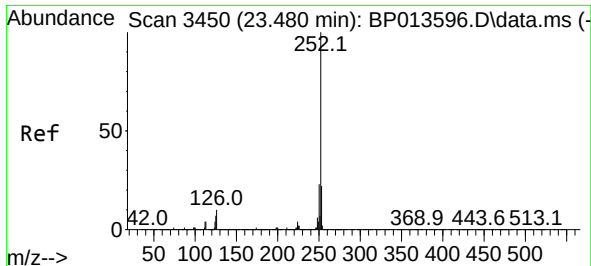


#88
Benzo(b)fluoranthene
Concen: 3.384 ng
RT: 23.398 min Scan# 3436
Delta R.T. -0.012 min
Lab File: BP013653.D
Acq: 30 Jan 2023 19:44

Tgt Ion:252 Resp: 257387

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	9.0	6.2	9.4

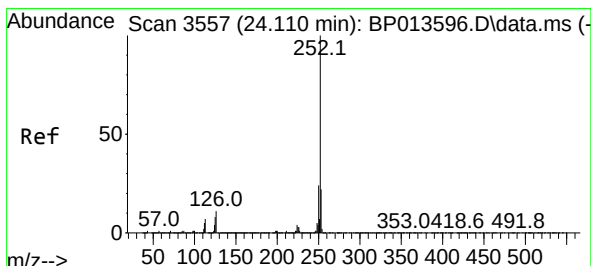
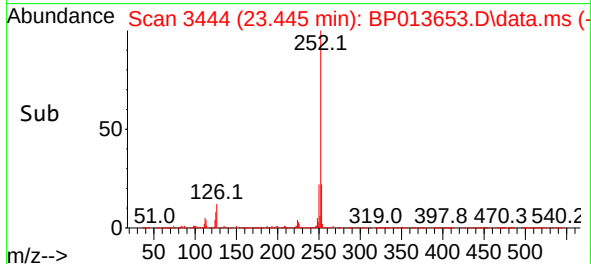
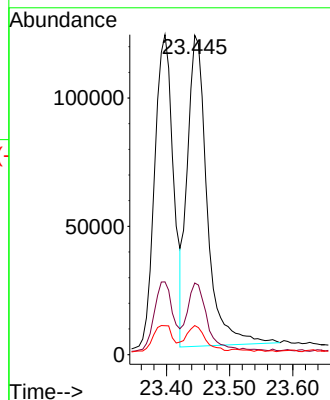
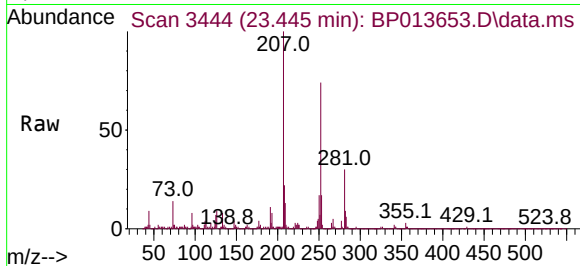




#89
Benzo(k)fluoranthene
Concen: 3.508 ng
RT: 23.445 min Scan# 3444
Delta R.T. -0.018 min
Lab File: BP013653.D
Acq: 30 Jan 2023 19:44

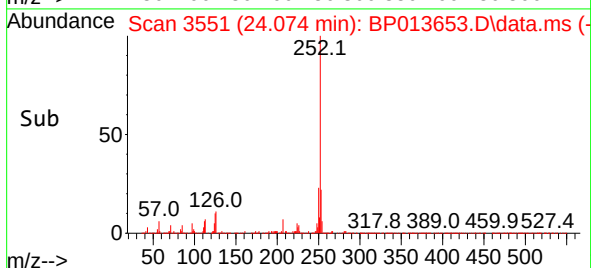
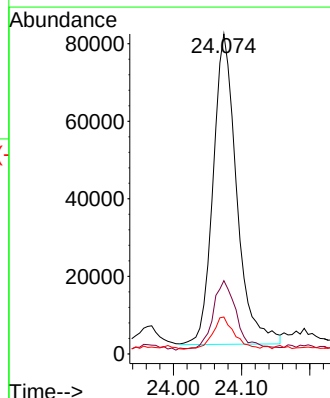
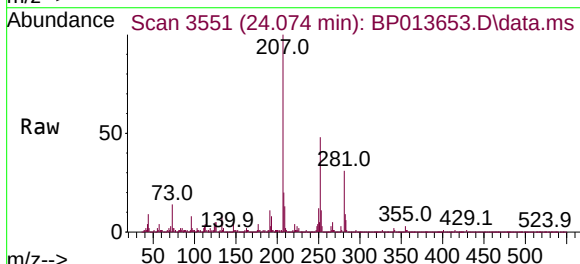
Instrument :
BNA_P
ClientSampleId :
COMP-2-BORING-1-7-14

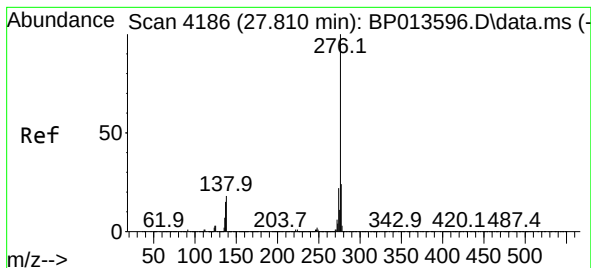
Tgt Ion:252 Resp: 264909
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.1 5.9 8.9#



#90
Benzo(a)pyrene
Concen: 2.679 ng
RT: 24.074 min Scan# 3551
Delta R.T. -0.018 min
Lab File: BP013653.D
Acq: 30 Jan 2023 19:44

Tgt Ion:252 Resp: 191814
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 11.5 6.8 10.2#





#92

Benzo(g,h,i)perylene

Concen: 2.198 ng

RT: 27.744 min Scan# 41

Delta R.T. -0.042 min

Lab File: BP013653.D

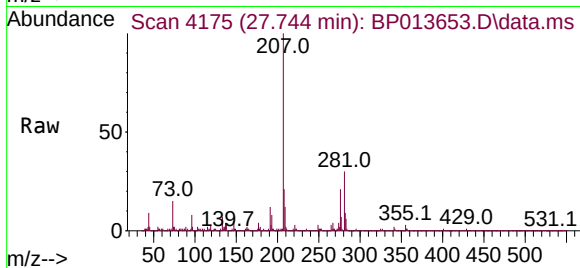
Acq: 30 Jan 2023 19:44

Instrument :

BNA_P

ClientSampleId :

COMP-2-BORING-1-7-14



Tgt Ion:276 Resp: 149996

Ion Ratio Lower Upper

276 100

277 33.1 18.9 28.3#

138 18.6 14.3 21.5

