

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
 Data File : BP013654.D
 Acq On : 30 Jan 2023 20:18
 Operator : CG/JU
 Sample : 01328-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-3-BORING-1-14-23

Quant Time: Jan 31 04:43:49 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)

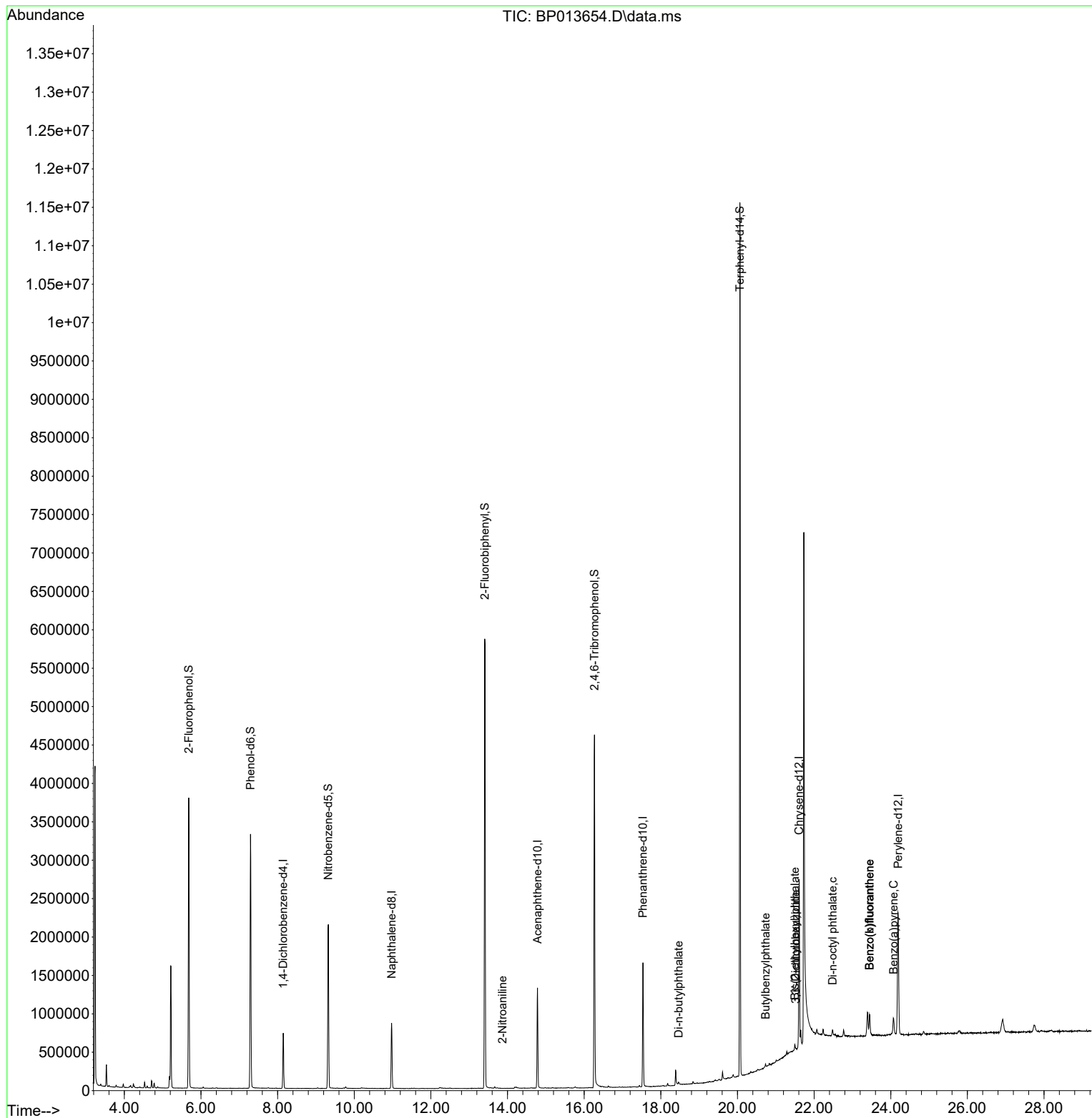
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	201028	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	734191	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	452972	20.000	ng	0.00
64) Phenanthrene-d10	17.534	188	1015145	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1075635	20.000	ng	-0.01
86) Perylene-d12	24.192	264	1354854	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1655313	147.554	ng	0.00
7) Phenol-d6	7.293	99	2005269	132.321	ng	0.00
23) Nitrobenzene-d5	9.322	82	1276466	95.532	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	1015635	147.269	ng	0.00
45) 2-Fluorobiphenyl	13.410	172	3260804	102.813	ng	0.00
79) Terphenyl-d14	20.063	244	5730597	94.014	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.869	65	381	3.976	ng	# 19
74) Di-n-butylphthalate	18.463	149	24300	4.091	ng	97
80) Butylbenzylphthalate	20.733	149	13644	6.420	ng	94
82) 3,3'-Dichlorobenzidine	21.516	252	764	6.389	ng	# 43
84) Bis(2-ethylhexyl)phtha...	21.498	149	35082	5.535	ng	# 94
85) Di-n-octyl phthalate	22.480	149	92915	5.844	ng	# 90
88) Benzo(b)fluoranthene	23.445	252	256125	2.945	ng	99
89) Benzo(k)fluoranthene	23.445	252	256125	2.966	ng	99
90) Benzo(a)pyrene	24.074	252	183636	2.243	ng	# 95

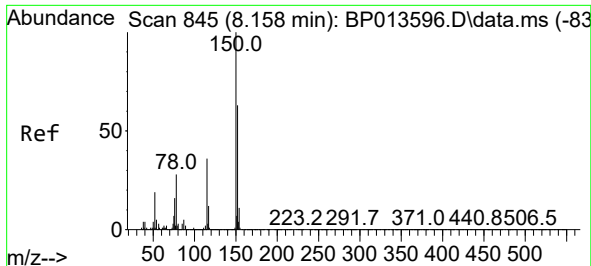
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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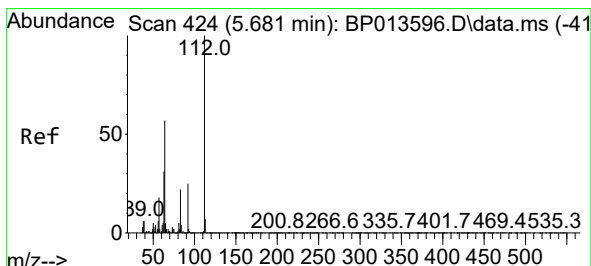
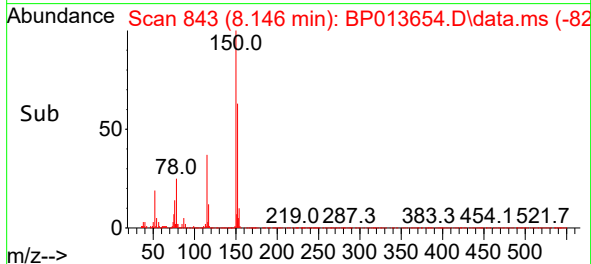
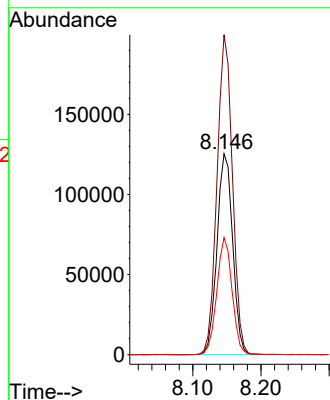
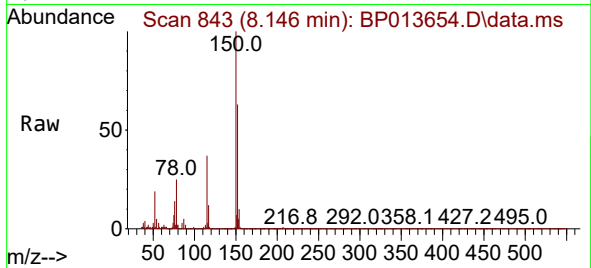




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

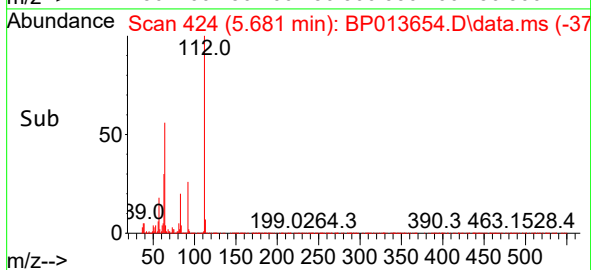
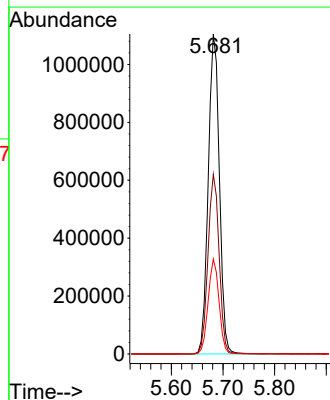
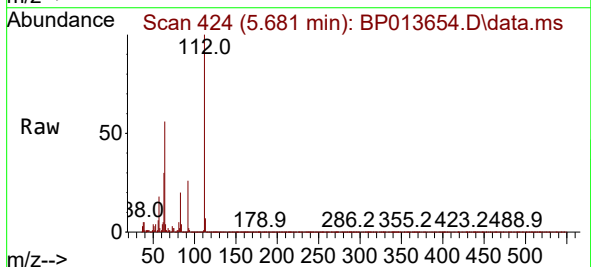
Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23

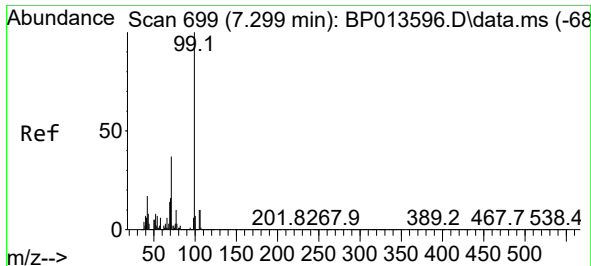
Tgt Ion:152 Resp: 201028
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 58.3 45.1 67.7



#5
2-Fluorophenol
Concen: 147.554 ng
RT: 5.681 min Scan# 424
Delta R.T. -0.000 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

Tgt Ion:112 Resp: 1655313
Ion Ratio Lower Upper
112 100
64 56.1 45.5 68.3
63 29.7 25.1 37.7



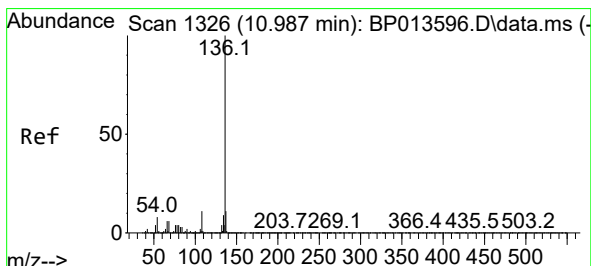
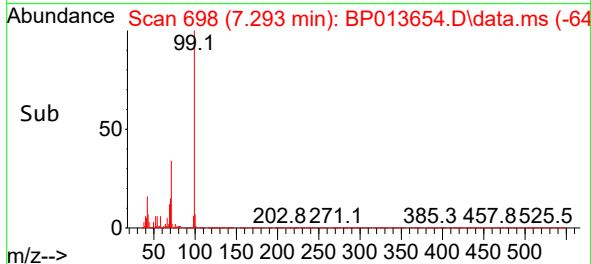
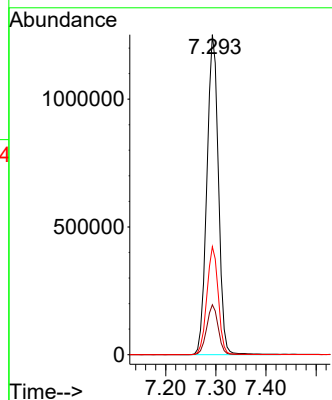
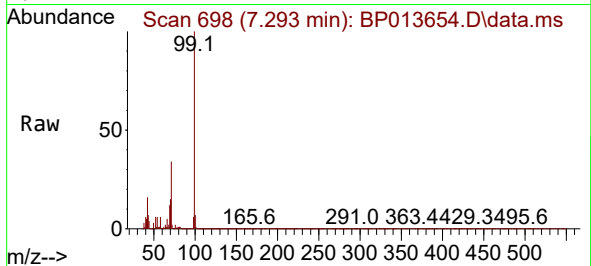


#7
Phenol-d6
Concen: 132.321 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23

Tgt Ion: 99 Resp: 2005269

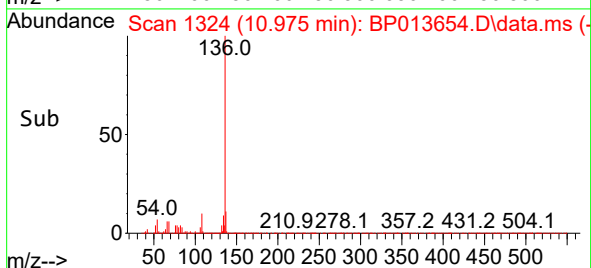
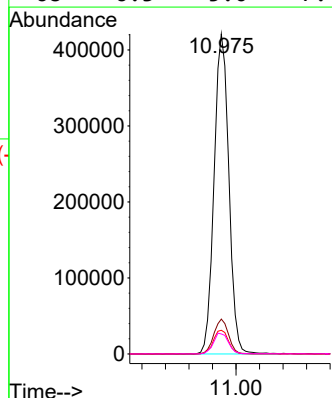
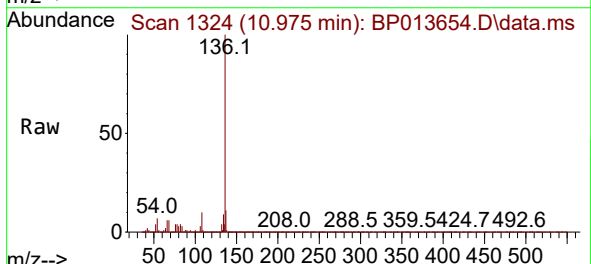
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.4	20.2
71	33.8	29.9	44.9

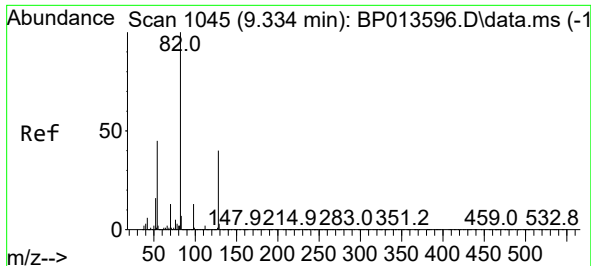


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

Tgt Ion: 136 Resp: 734191

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.4	6.1	9.1
68	6.3	5.0	7.4

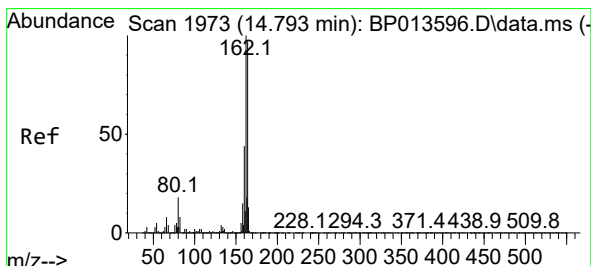
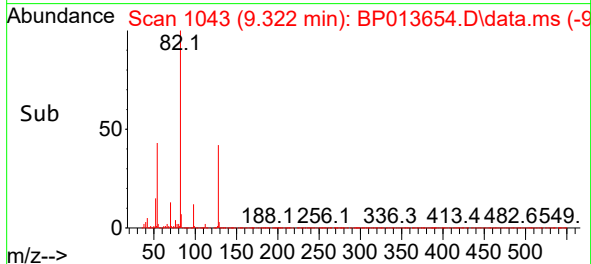
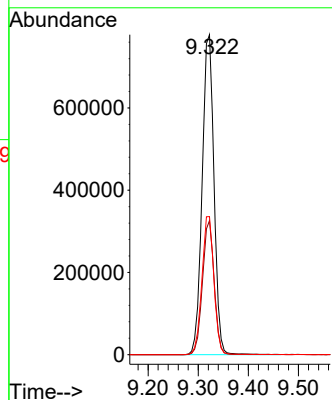
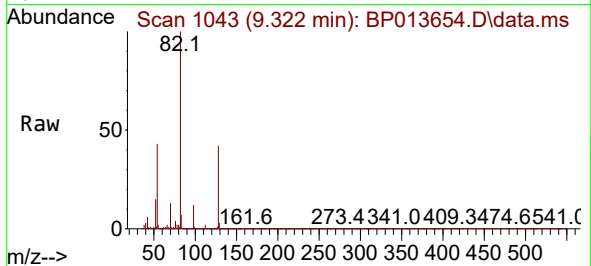




#23
Nitrobenzene-d5
Concen: 95.532 ng
RT: 9.322 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

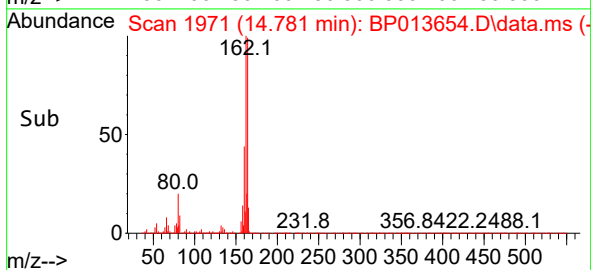
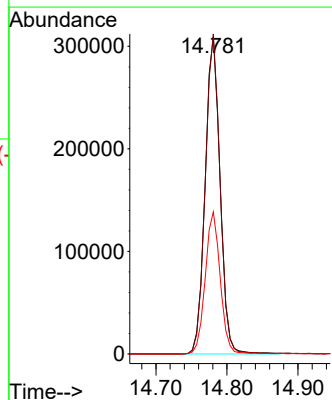
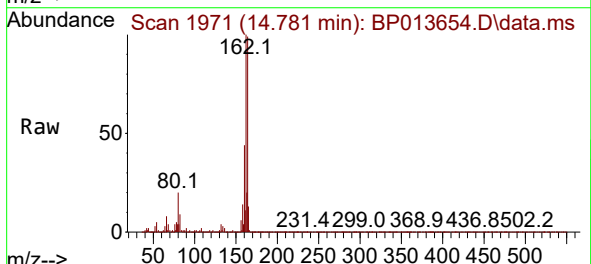
Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23

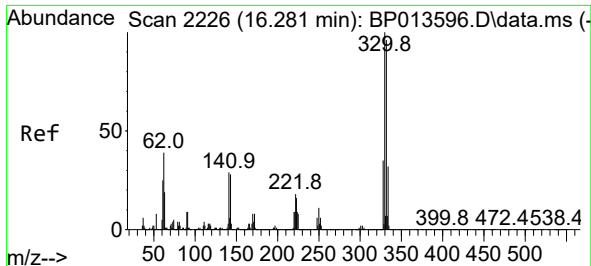
Tgt Ion: 82 Resp: 1276466
Ion Ratio Lower Upper
82 100
128 41.9 31.8 47.8
54 43.1 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

Tgt Ion:164 Resp: 452972
Ion Ratio Lower Upper
164 100
162 100.9 82.3 123.5
160 44.8 36.6 54.8

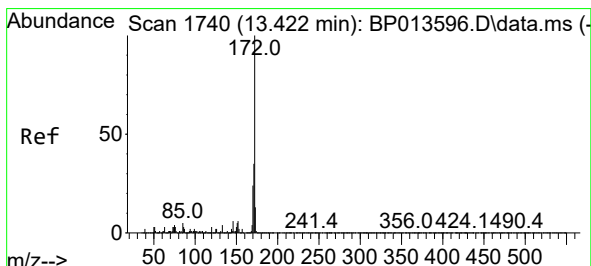
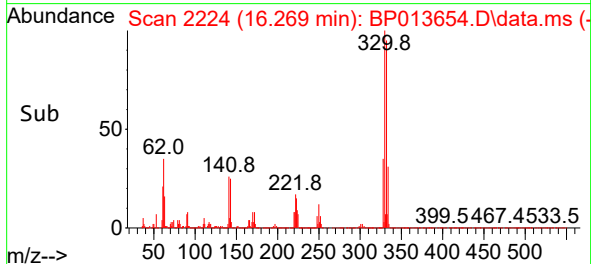
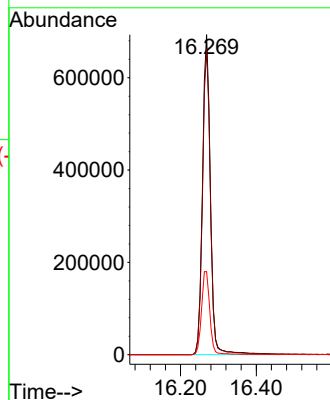
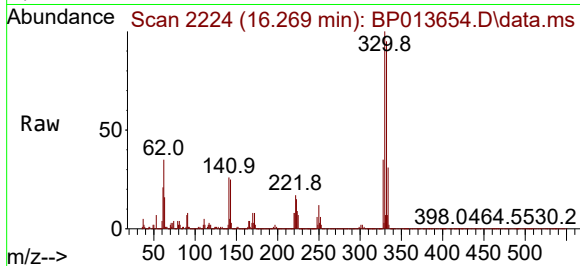




#42
2,4,6-Tribromophenol
Concen: 147.269 ng
RT: 16.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

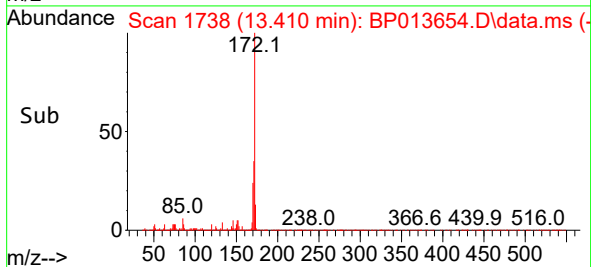
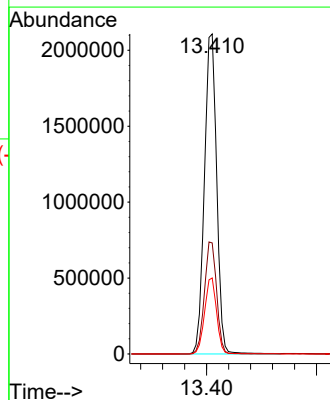
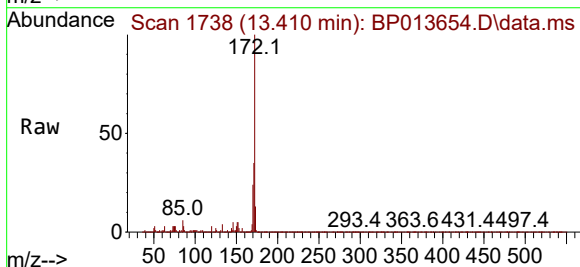
Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23

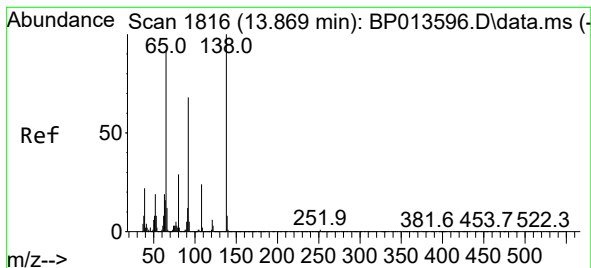
Tgt Ion:330 Resp: 1015635
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.4
141 27.5 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 102.813 ng
RT: 13.410 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

Tgt Ion:172 Resp: 3260804
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.8 19.1 28.7





#48

2-Nitroaniline

Concen: 3.976 ng

RT: 13.869 min Scan# 1816

Delta R.T. -0.000 min

Lab File: BP013654.D

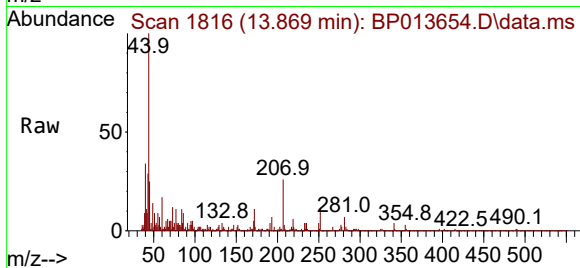
Acq: 30 Jan 2023 20:18

Instrument :

BNA_P

ClientSampleId :

COMP-3-BORING-1-14-23



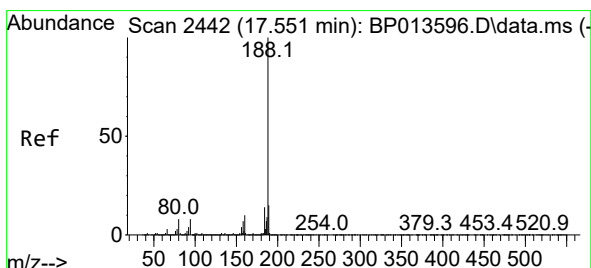
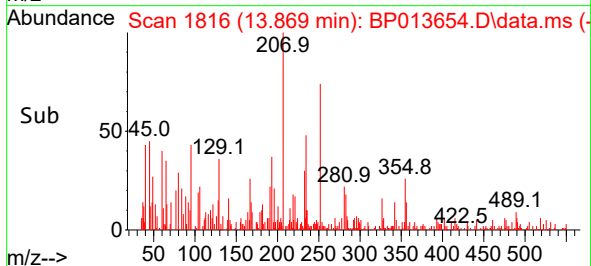
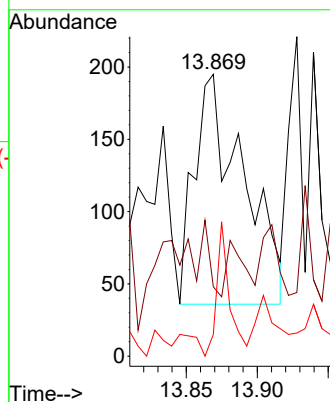
Tgt Ion: 65 Resp: 381

Ion Ratio Lower Upper

65 100

92 24.6 59.5 89.3#

138 7.7 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: BP013654.D

Acq: 30 Jan 2023 20:18

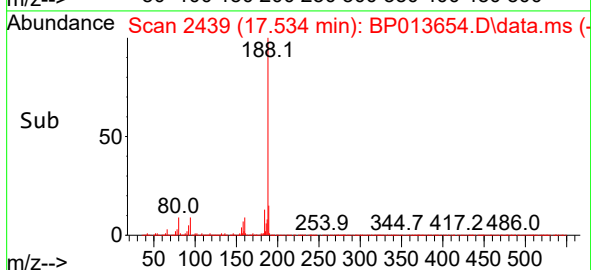
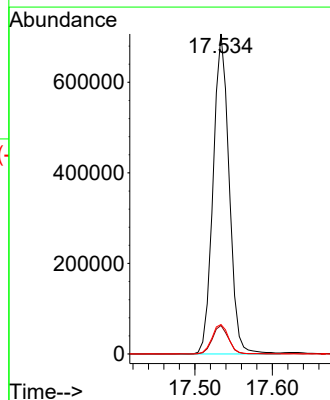
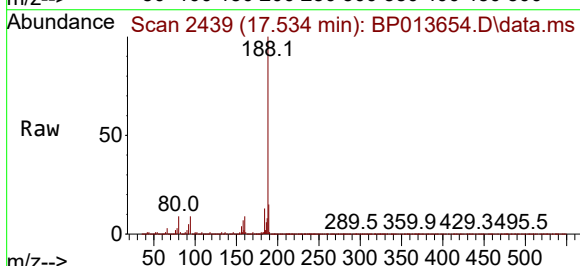
Tgt Ion:188 Resp: 1015145

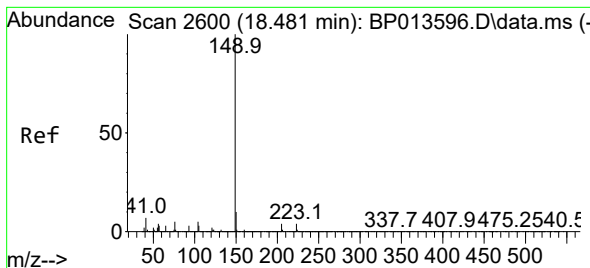
Ion Ratio Lower Upper

188 100

94 8.9 6.1 9.1

80 9.2 6.6 10.0





#74

Di-n-butylphthalate

Concen: 4.091 ng

RT: 18.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013654.D

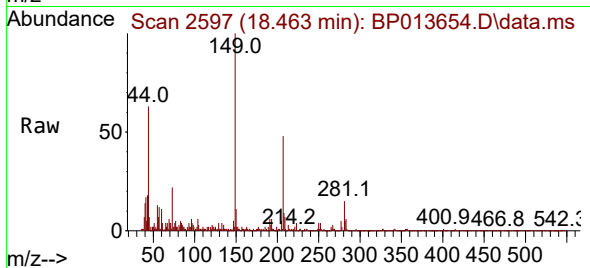
Acq: 30 Jan 2023 20:18

Instrument :

BNA_P

ClientSampleId :

COMP-3-BORING-1-14-23



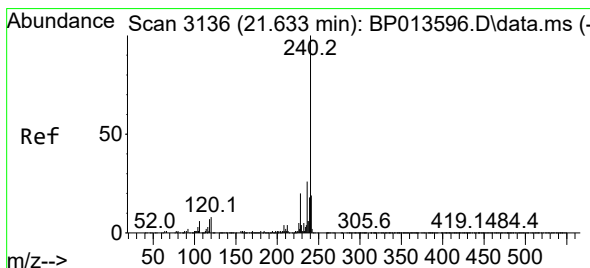
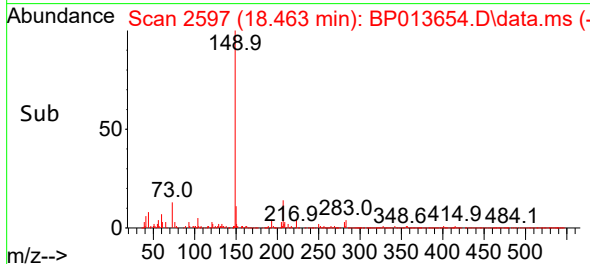
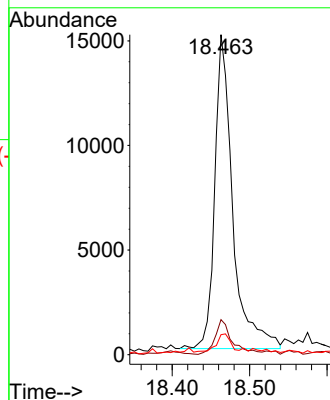
Tgt Ion:149 Resp: 24300

Ion Ratio Lower Upper

149 100

150 10.9 7.6 11.4

104 6.2 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: BP013654.D

Acq: 30 Jan 2023 20:18

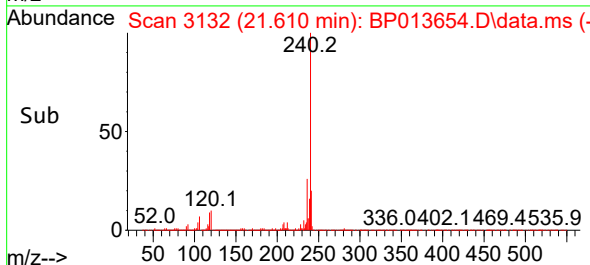
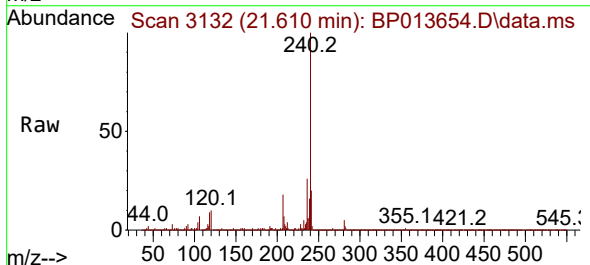
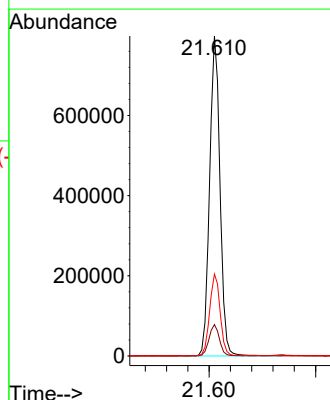
Tgt Ion:240 Resp: 1075635

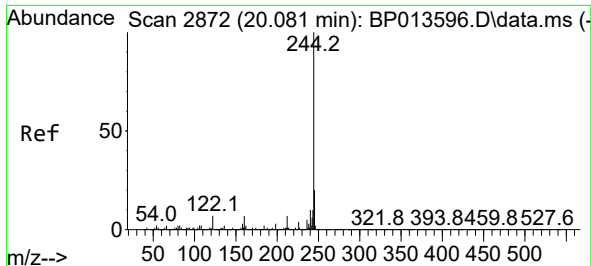
Ion Ratio Lower Upper

240 100

120 9.8 6.7 10.1

236 25.6 20.7 31.1

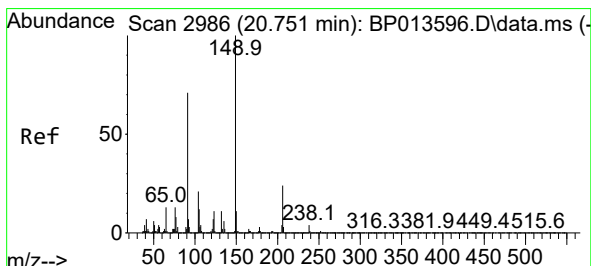
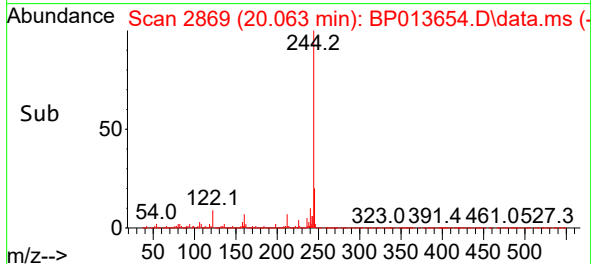
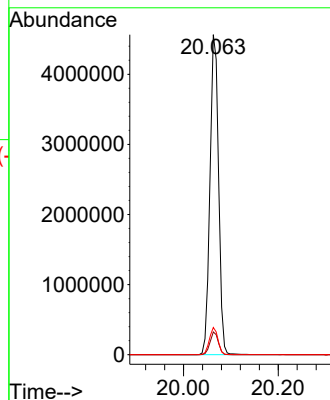
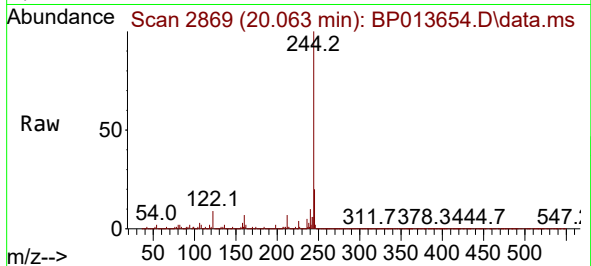




#79
 Terphenyl-d14
 Concen: 94.014 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP013654.D
 Acq: 30 Jan 2023 20:18

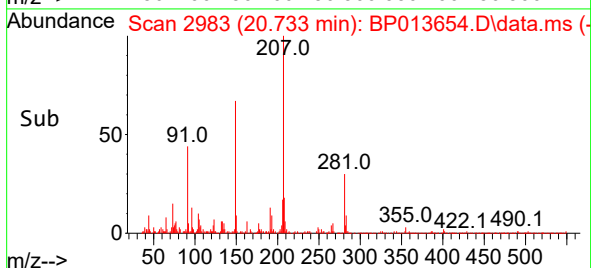
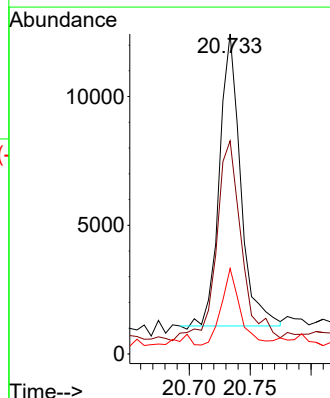
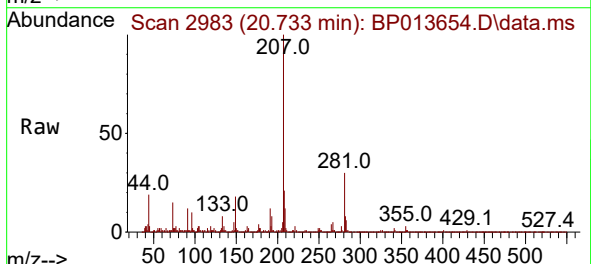
Instrument :
 BNA_P
 ClientSampleId :
 COMP-3-BORING-1-14-23

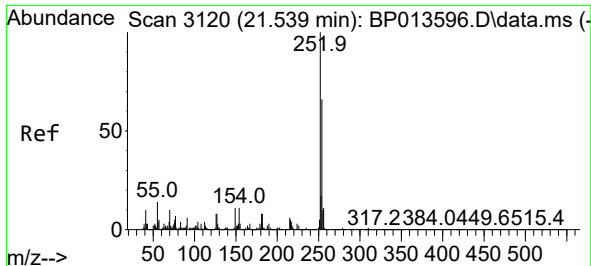
Tgt Ion:244 Resp: 5730597
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.5 5.3 7.9#



#80
 Butylbenzylphthalate
 Concen: 6.420 ng
 RT: 20.733 min Scan# 2983
 Delta R.T. -0.006 min
 Lab File: BP013654.D
 Acq: 30 Jan 2023 20:18

Tgt Ion:149 Resp: 13644
 Ion Ratio Lower Upper
 149 100
 91 66.6 57.0 85.6
 206 26.7 19.0 28.6

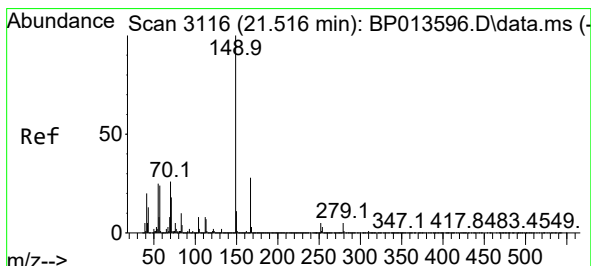
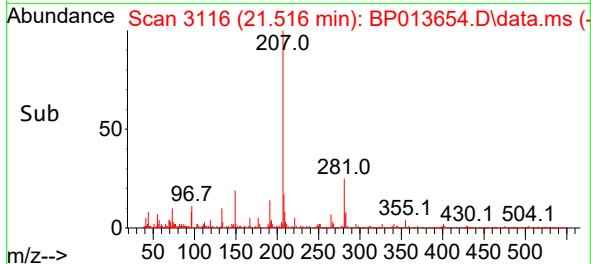
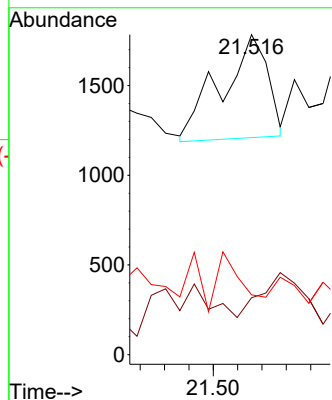
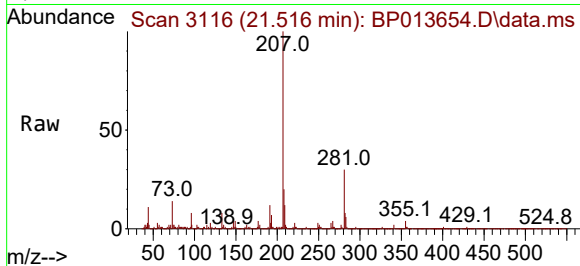




#82
 3,3'-Dichlorobenzidine
 Concen: 6.389 ng
 RT: 21.516 min Scan# 3116
 Delta R.T. -0.012 min
 Lab File: BP013654.D
 Acq: 30 Jan 2023 20:18

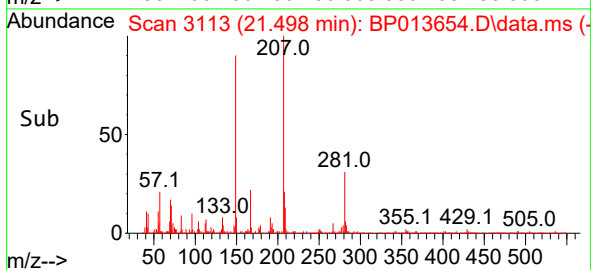
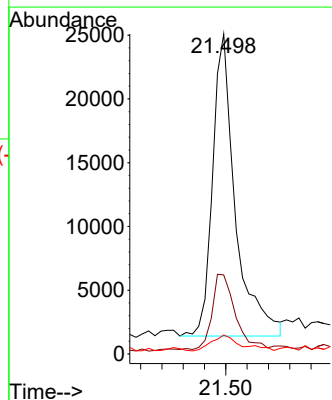
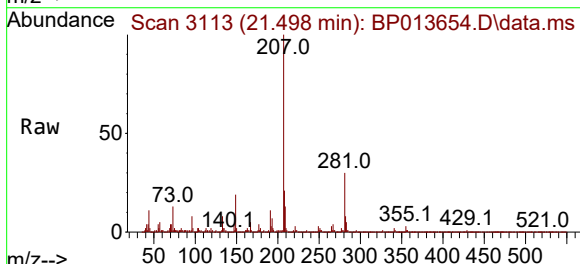
Instrument :
 BNA_P
 ClientSampleId :
 COMP-3-BORING-1-14-23

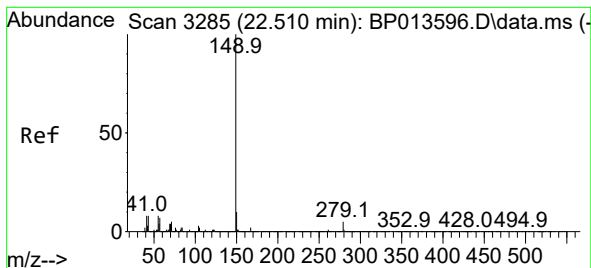
Tgt Ion:252 Resp: 764
 Ion Ratio Lower Upper
 252 100
 254 17.8 52.3 78.5#
 126 18.7 6.2 9.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.535 ng
 RT: 21.498 min Scan# 3113
 Delta R.T. -0.006 min
 Lab File: BP013654.D
 Acq: 30 Jan 2023 20:18

Tgt Ion:149 Resp: 35082
 Ion Ratio Lower Upper
 149 100
 167 24.7 22.2 33.4
 279 5.9 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 5.844 ng

RT: 22.480 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013654.D

Acq: 30 Jan 2023 20:18

Instrument :

BNA_P

ClientSampleId :

COMP-3-BORING-1-14-23

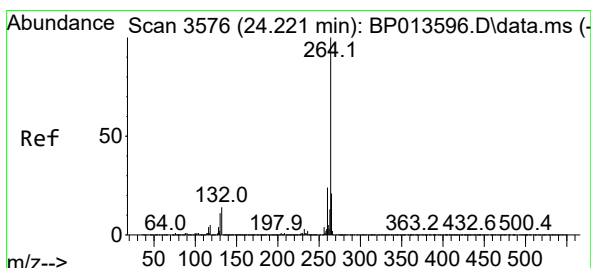
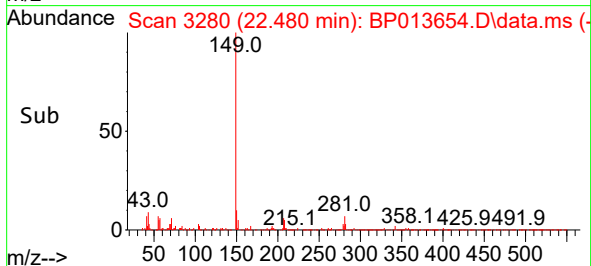
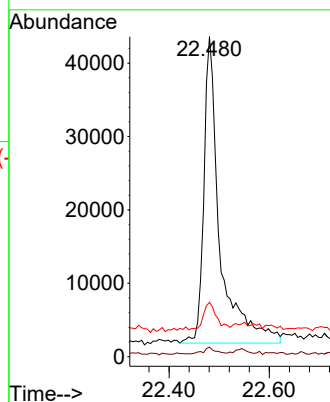
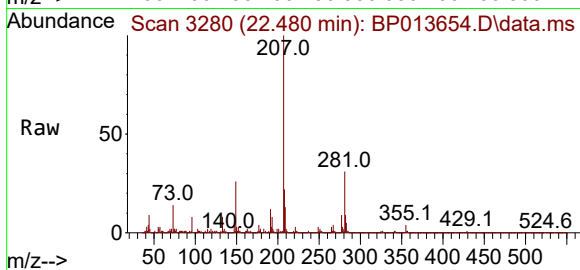
Tgt Ion:149 Resp: 92915

Ion Ratio Lower Upper

149 100

167 2.1 1.3 1.9#

43 6.4 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: BP013654.D

Acq: 30 Jan 2023 20:18

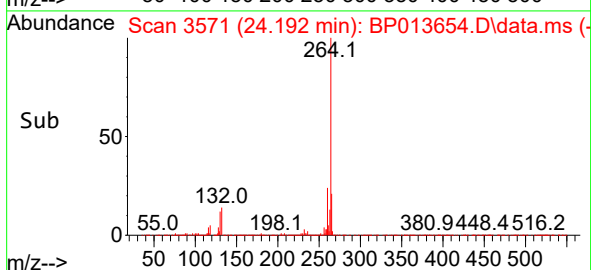
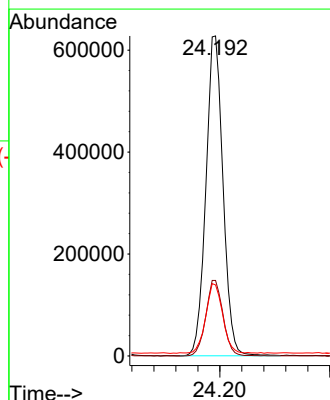
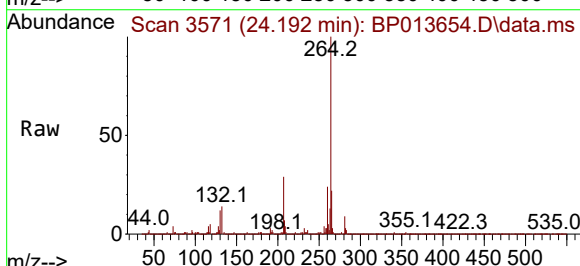
Tgt Ion:264 Resp: 1354854

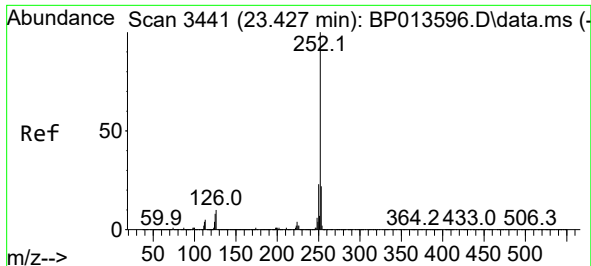
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 22.2 17.4 26.0

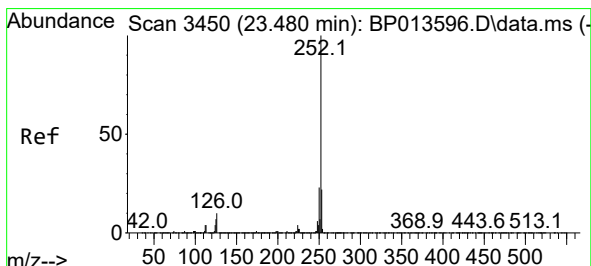
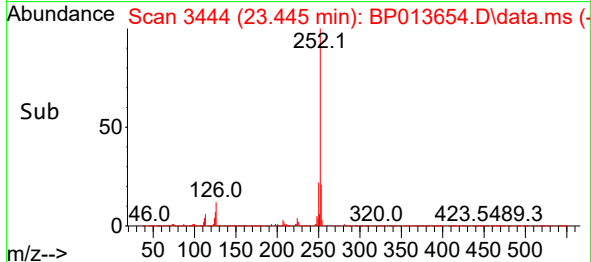
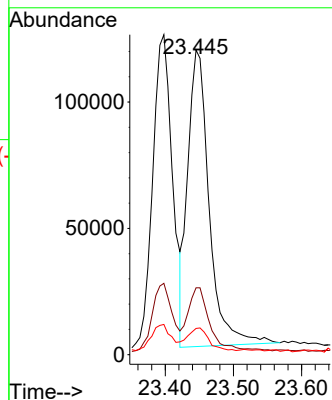
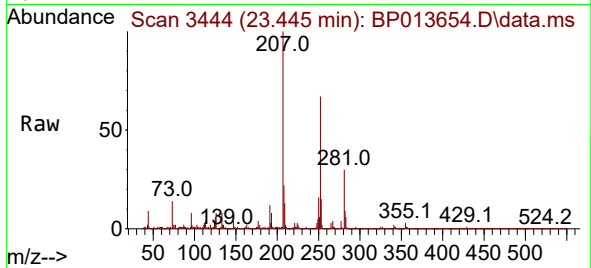




#88
Benzo(b)fluoranthene
Concen: 2.945 ng
RT: 23.445 min Scan# 3441
Delta R.T. 0.035 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

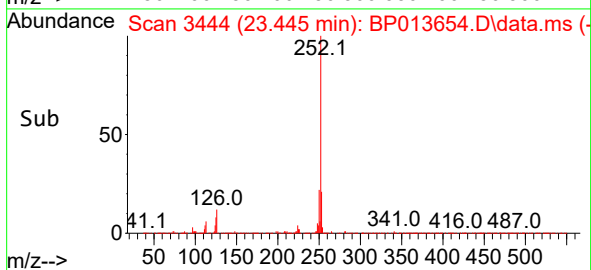
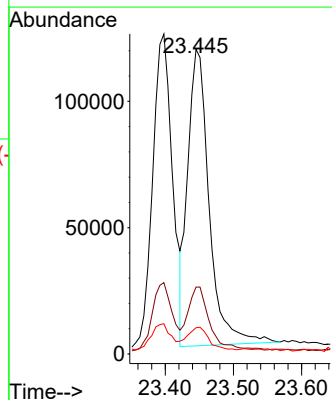
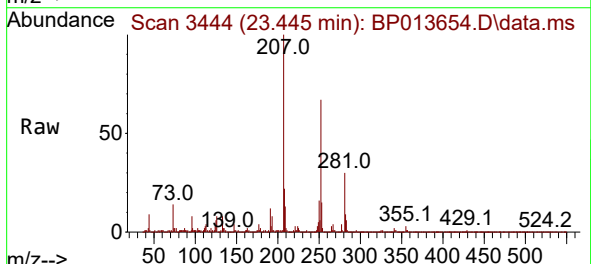
Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23

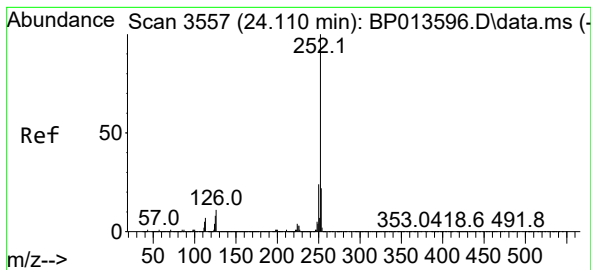
Tgt Ion:252 Resp: 256125
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.6 6.2 9.4



#89
Benzo(k)fluoranthene
Concen: 2.966 ng
RT: 23.445 min Scan# 3444
Delta R.T. -0.018 min
Lab File: BP013654.D
Acq: 30 Jan 2023 20:18

Tgt Ion:252 Resp: 256125
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.6 5.9 8.9





#90

Benzo(a)pyrene

Concen: 2.243 ng

RT: 24.074 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP013654.D

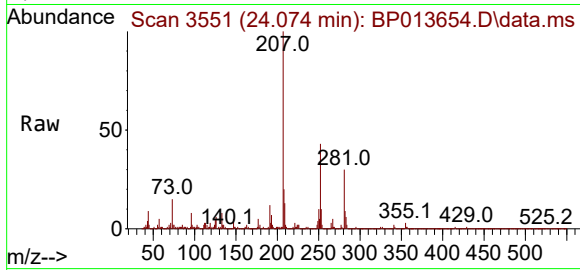
Acq: 30 Jan 2023 20:18

Instrument :

BNA_P

ClientSampleId :

COMP-3-BORING-1-14-23



Tgt Ion:252 Resp: 183636

Ion Ratio Lower Upper

252 100

253 23.9 17.2 25.8

125 10.6 6.8 10.2#

