

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013631.D
 Acq On : 27 Jan 2023 22:50
 Operator : CG/JU
 Sample : 01221-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-12-0118

Quant Time: Jan 29 23:55:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 03:27:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

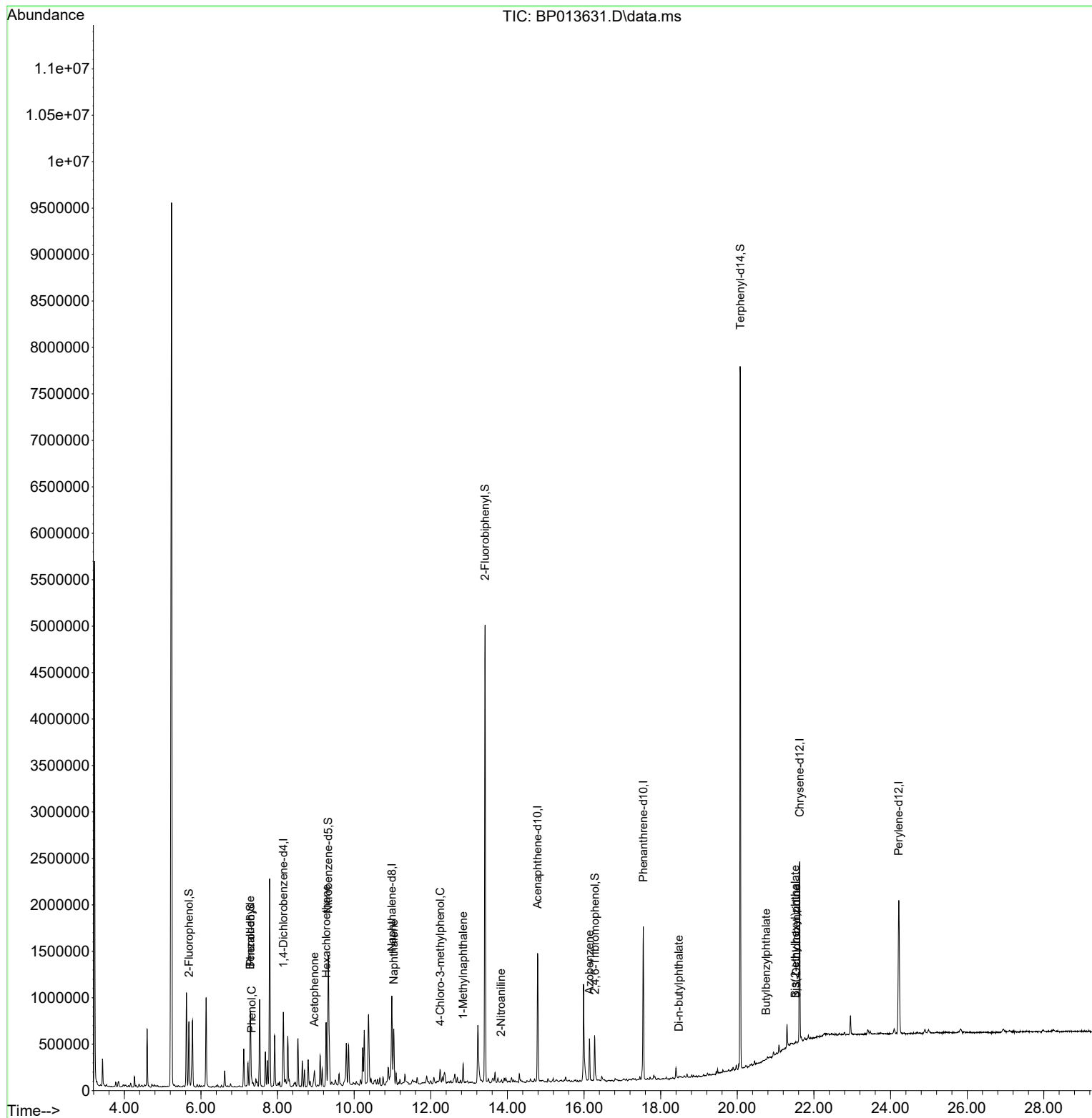
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	210306	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	787189	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	475610	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1018799	20.000	ng	# 0.00
76) Chrysene-d12	21.627	240	1010980	20.000	ng	0.00
86) Perylene-d12	24.216	264	1220028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	333861	28.447	ng	0.00
7) Phenol-d6	7.293	99	263889	16.645	ng	0.00
23) Nitrobenzene-d5	9.322	82	797566	55.672	ng	-0.01
42) 2,4,6-Tribromophenol	16.281	330	103493	14.292	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	2603254	78.173	ng	0.00
79) Terphenyl-d14	20.081	244	3959116	69.105	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.287	77	33873	2.877	ng	# 1
10) Phenol	7.322	94	40623	2.446	ng	96
18) Hexachloroethane	9.269	117	89697	17.169	ng	# 1
22) Acetophenone	8.963	105	120387	6.059	ng	# 60
31) Naphthalene	11.034	128	329999	8.250	ng	97
36) 4-Chloro-3-methylphenol	12.246	107	45406	3.192	ng	97
38) 1-Methylnaphthalene	12.846	142	89423	3.125	ng	96
48) 2-Nitroaniline	13.834	65	769	4.028	ng	# 30
63) Azobenzene	16.140	77	129500	3.767	ng	# 1
74) Di-n-butylphthalate	18.475	149	7015	3.719	ng	# 86
80) Butylbenzylphthalate	20.751	149	579	5.409	ng	# 53
82) 3,3'-Dichlorobenzidine	21.545	252	297	6.368	ng	# 41
84) Bis(2-ethylhexyl)phtha...	21.510	149	7097	3.791	ng	# 98

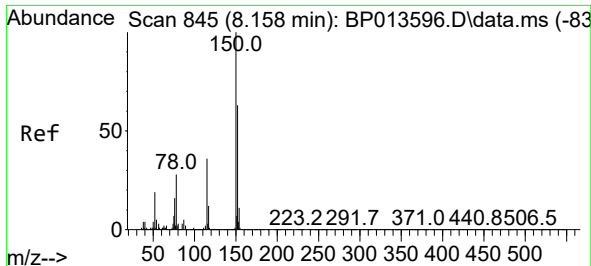
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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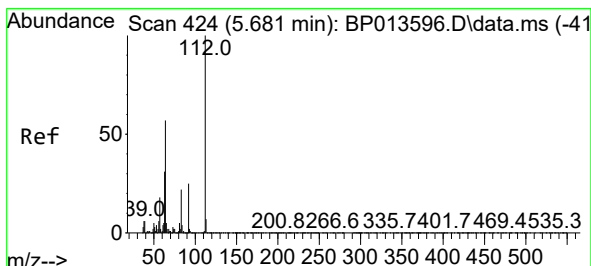
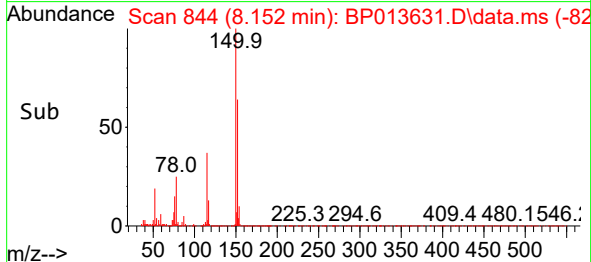
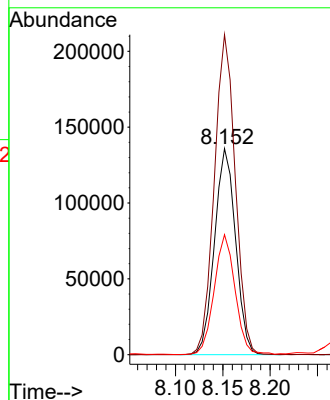
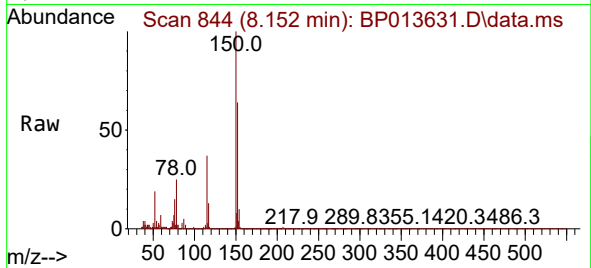




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

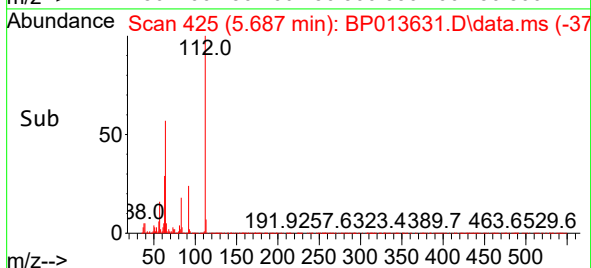
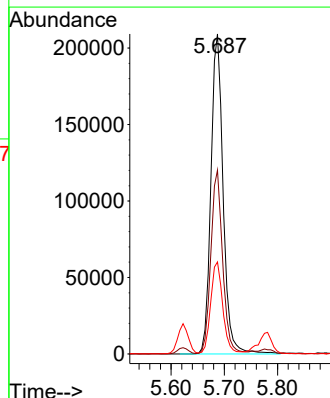
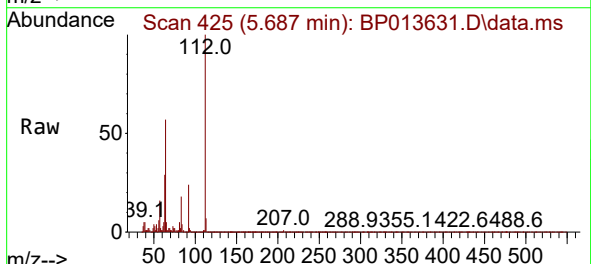
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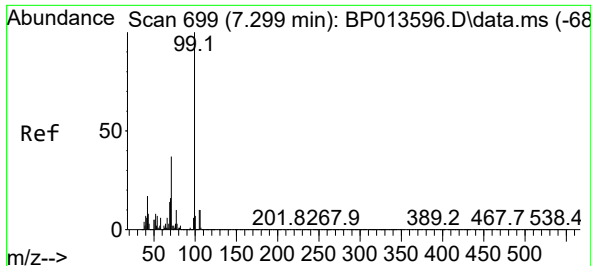
Tgt Ion:152 Resp: 210306
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 58.2 45.1 67.7



#5
2-Fluorophenol
Concen: 28.447 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.006 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

Tgt Ion:112 Resp: 333861
Ion Ratio Lower Upper
112 100
64 57.5 45.5 68.3
63 28.8 25.1 37.7

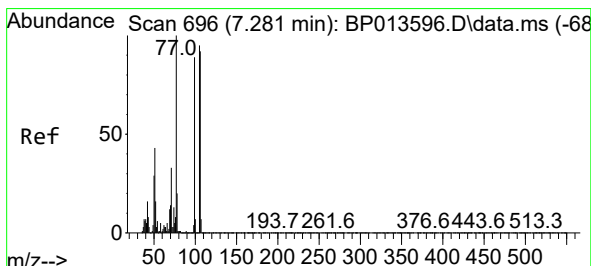
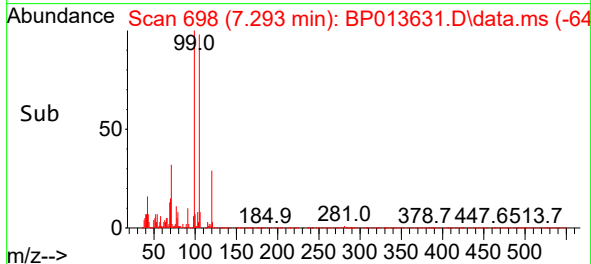
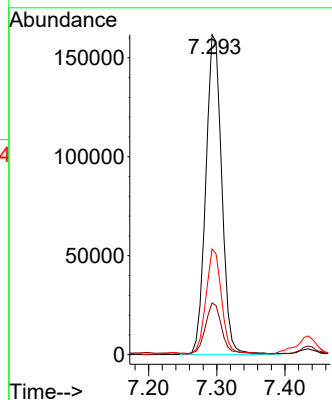
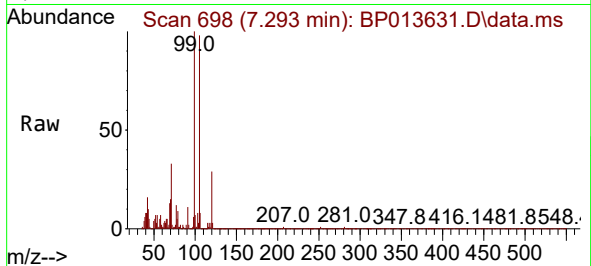




#7
Phenol-d6
Concen: 16.645 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

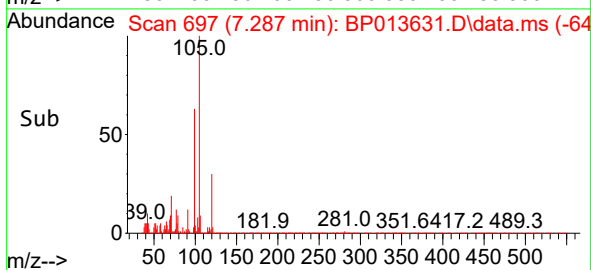
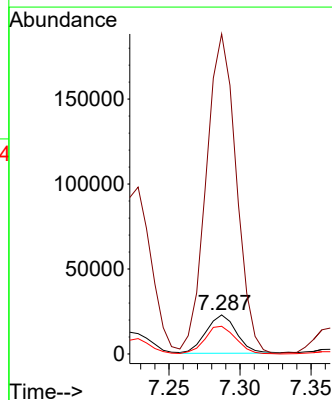
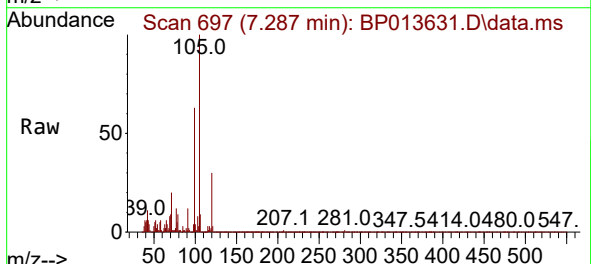
Instrument :
BNA_P
ClientSampleId :
MW-12-0118

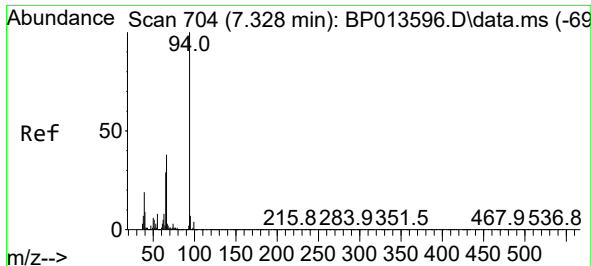
Tgt Ion: 99 Resp: 263889
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 33.0 29.9 44.9



#9
Benzaldehyde
Concen: 2.877 ng
RT: 7.287 min Scan# 697
Delta R.T. 0.006 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

Tgt Ion: 77 Resp: 33873
Ion Ratio Lower Upper
77 100
105 820.9 74.8 114.8#
106 71.1 71.5 111.5#

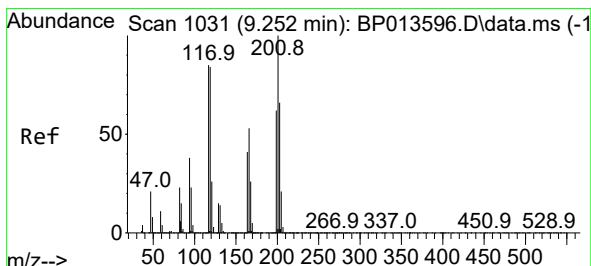
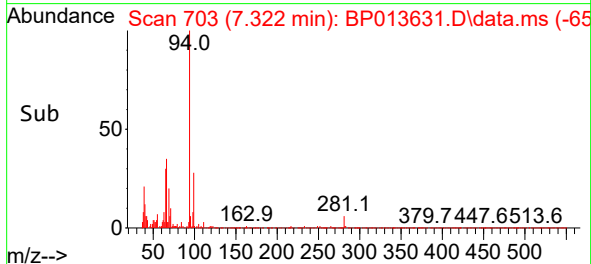
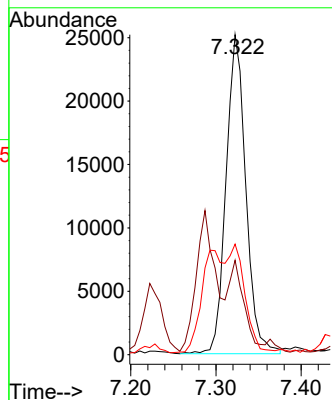
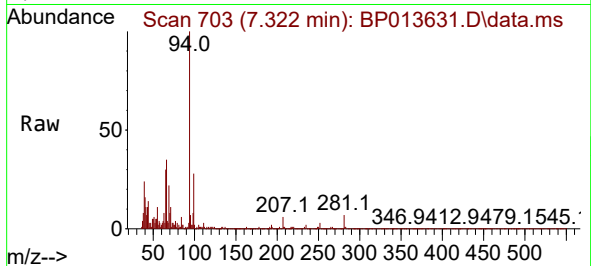




#10
Phenol
Concen: 2.446 ng
RT: 7.322 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

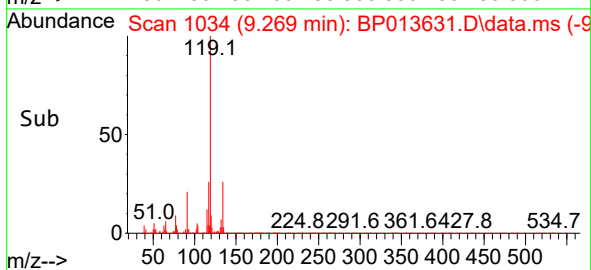
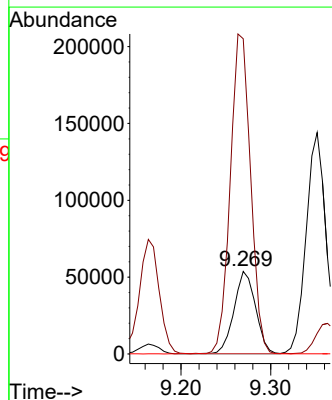
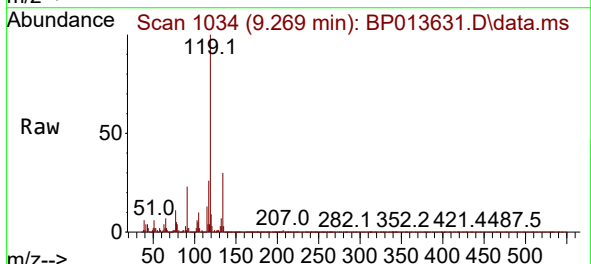
Instrument :
BNA_P
ClientSampleId :
MW-12-0118

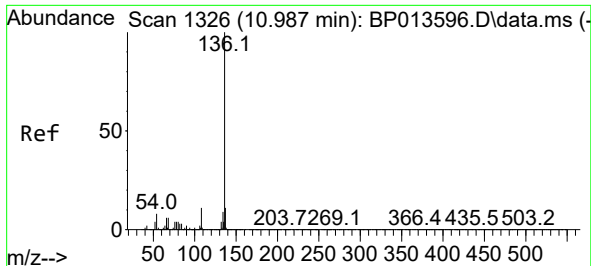
Tgt Ion: 94 Resp: 40623
Ion Ratio Lower Upper
94 100
65 29.5 8.7 48.7
66 34.5 18.4 58.4



#18
Hexachloroethane
Concen: 17.169 ng
RT: 9.269 min Scan# 1034
Delta R.T. 0.018 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

Tgt Ion: 117 Resp: 89697
Ion Ratio Lower Upper
117 100
119 381.6 78.6 118.0#
201 0.2 94.0 141.0#

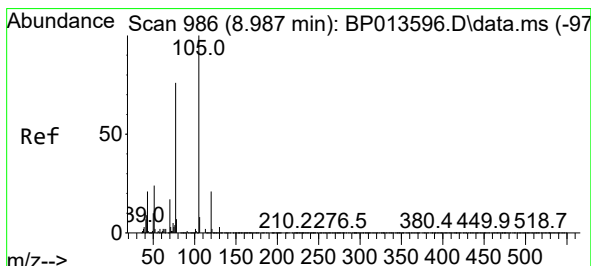
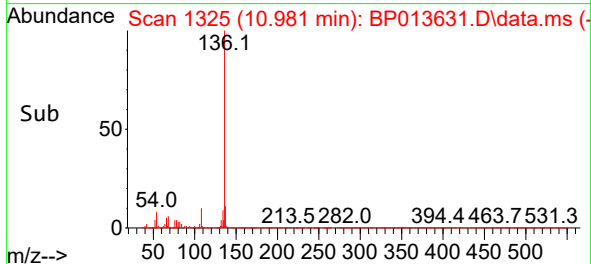
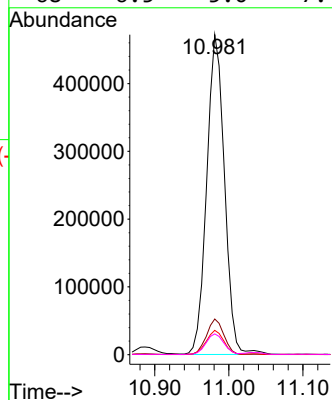
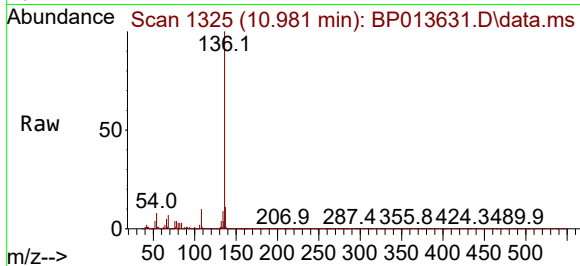




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

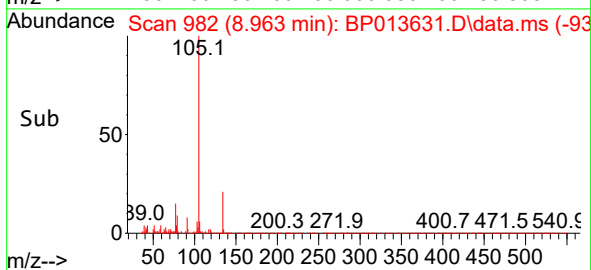
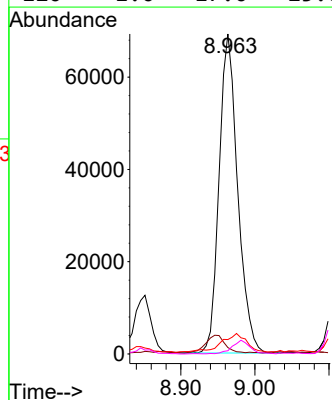
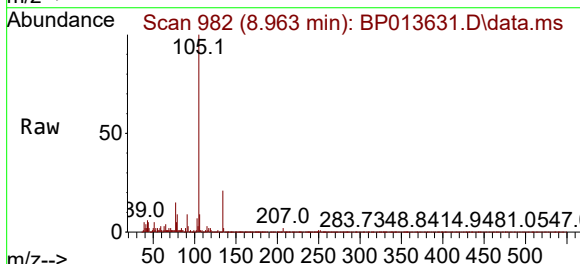
Instrument :
BNA_P
ClientSampleId :
MW-12-0118

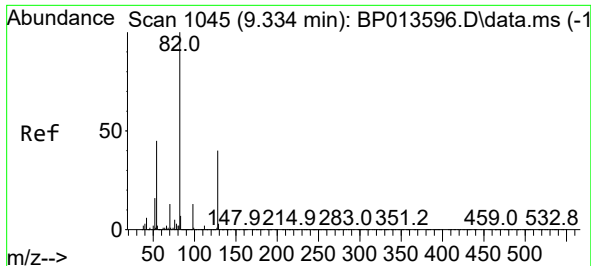
Tgt Ion:	136	Resp:	787189
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.6	6.1	9.1
68	6.5	5.0	7.4



#22
Acetophenone
Concen: 6.059 ng
RT: 8.963 min Scan# 982
Delta R.T. -0.024 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

Tgt Ion:	105	Resp:	120387
Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.5	3.7#
51	4.5	20.6	31.0#
120	1.0	17.0	25.6#





#23

Nitrobenzene-d5

Concen: 55.672 ng

RT: 9.322 min Scan# 1043

Delta R.T. -0.012 min

Lab File: BP013631.D

Acq: 27 Jan 2023 22:50

Instrument :

BNA_P

ClientSampleId :

MW-12-0118

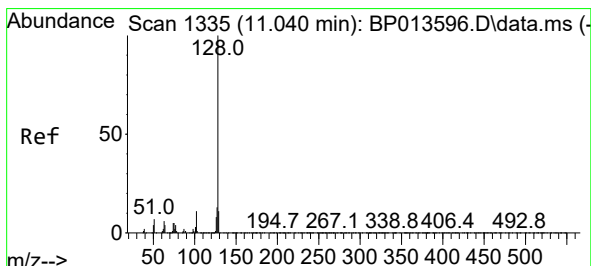
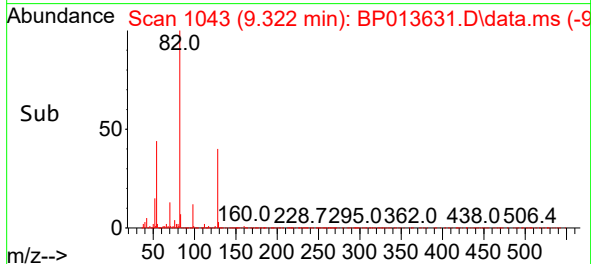
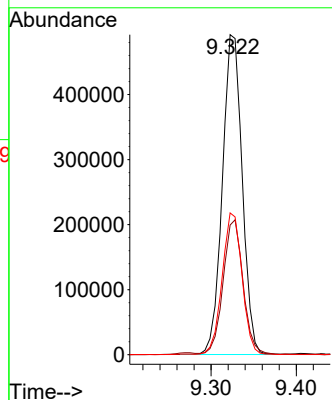
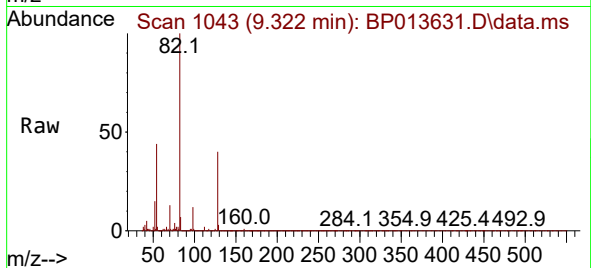
Tgt Ion: 82 Resp: 797566

Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.8

54 44.3 36.2 54.2



#31

Naphthalene

Concen: 8.250 ng

RT: 11.034 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BP013631.D

Acq: 27 Jan 2023 22:50

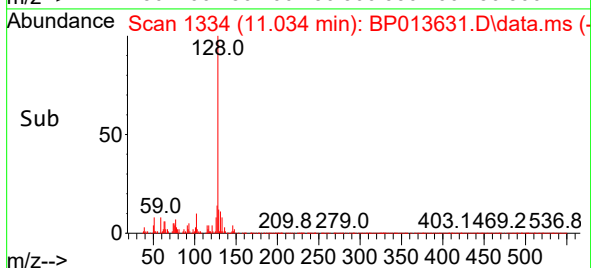
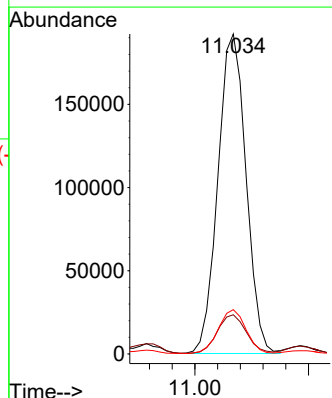
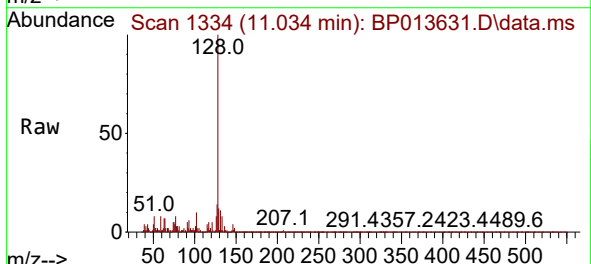
Tgt Ion: 128 Resp: 329999

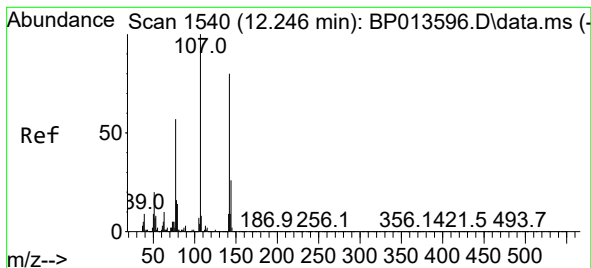
Ion Ratio Lower Upper

128 100

129 12.3 8.9 13.3

127 13.8 10.4 15.6

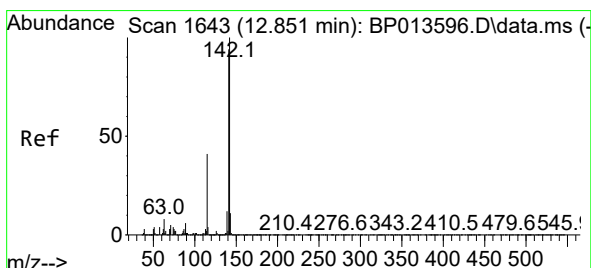
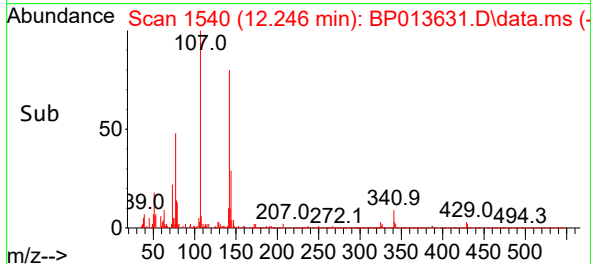
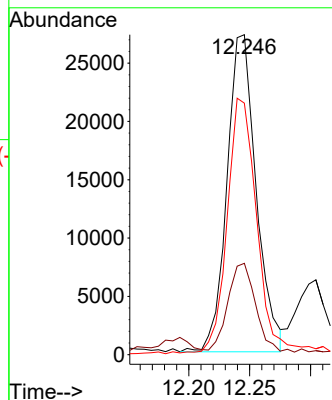
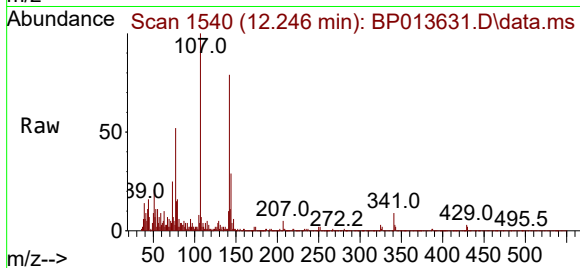




#36
4-Chloro-3-methylphenol
Concen: 3.192 ng
RT: 12.246 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

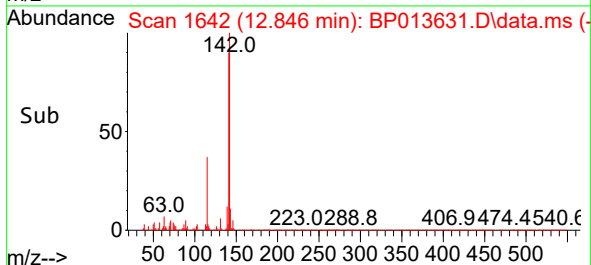
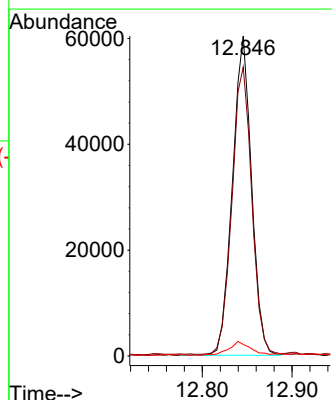
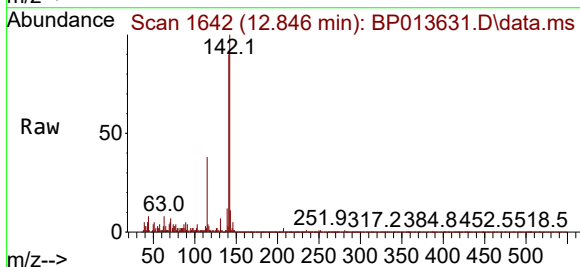
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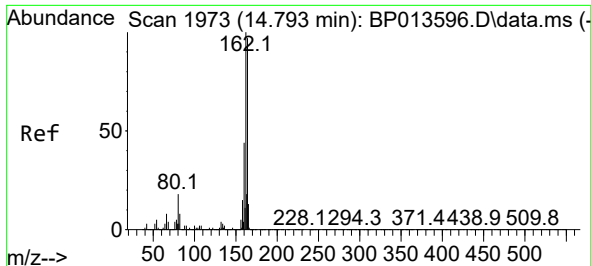
Tgt Ion:107 Resp: 45406
Ion Ratio Lower Upper
107 100
144 28.5 20.9 31.3
142 78.6 64.2 96.4



#38
1-Methylnaphthalene
Concen: 3.125 ng
RT: 12.846 min Scan# 1642
Delta R.T. -0.005 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

Tgt Ion:142 Resp: 89423
Ion Ratio Lower Upper
142 100
141 90.3 75.5 113.3
116 3.6 3.3 4.9

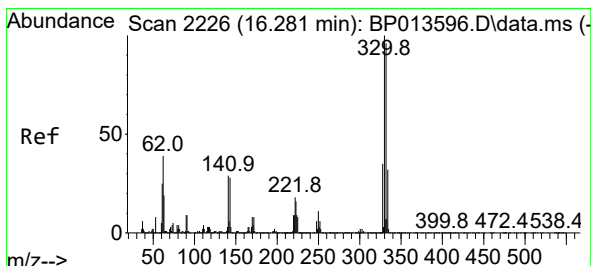
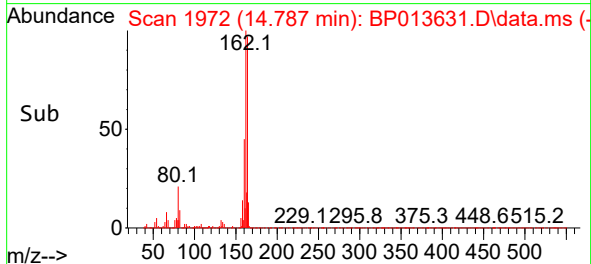
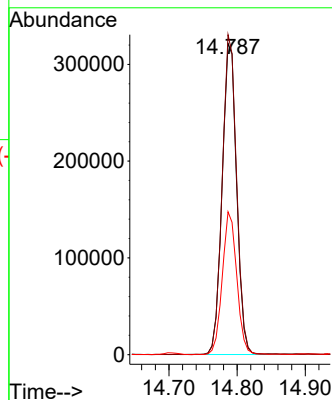
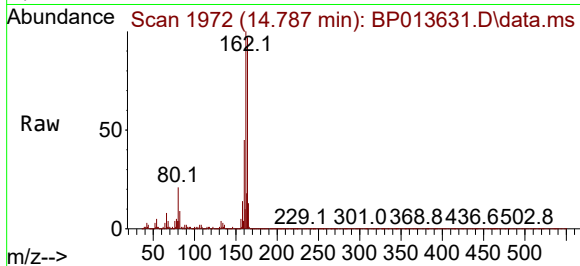




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.787 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

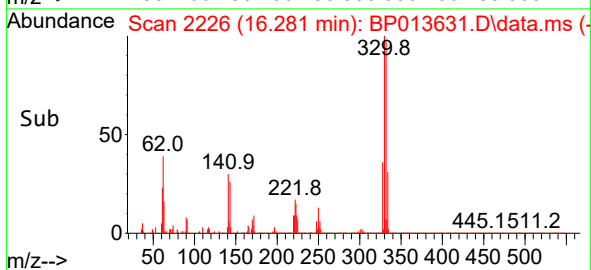
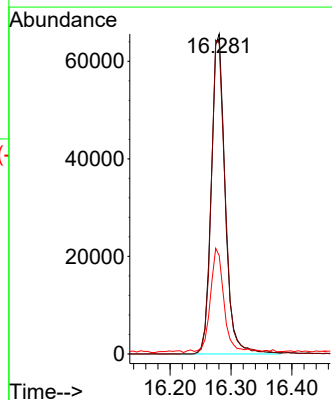
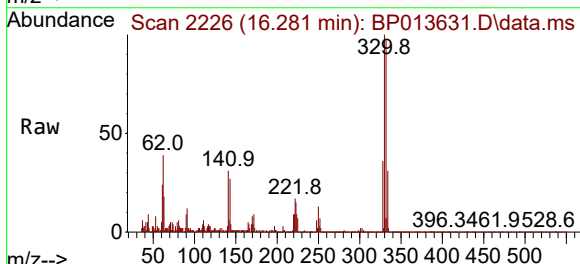
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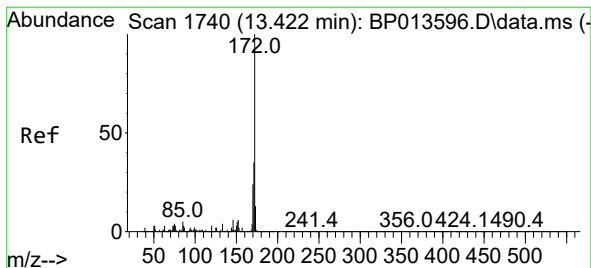
Tgt Ion:164 Resp: 475610
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 45.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 14.292 ng
RT: 16.281 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

Tgt Ion:330 Resp: 103493
Ion Ratio Lower Upper
330 100
332 98.4 77.0 115.4
141 32.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 78.173 ng

RT: 13.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013631.D

Acq: 27 Jan 2023 22:50

Instrument :

BNA_P

ClientSampleId :

MW-12-0118

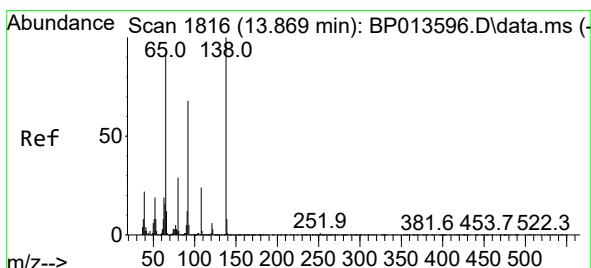
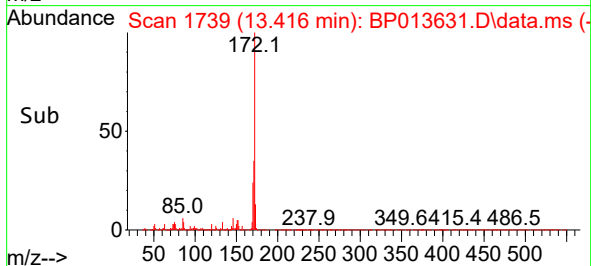
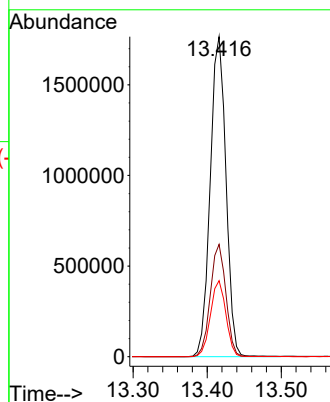
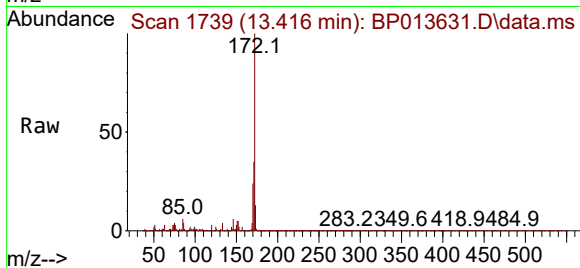
Tgt Ion:172 Resp: 2603254

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.8 19.1 28.7



#48

2-Nitroaniline

Concen: 4.028 ng

RT: 13.834 min Scan# 1810

Delta R.T. -0.035 min

Lab File: BP013631.D

Acq: 27 Jan 2023 22:50

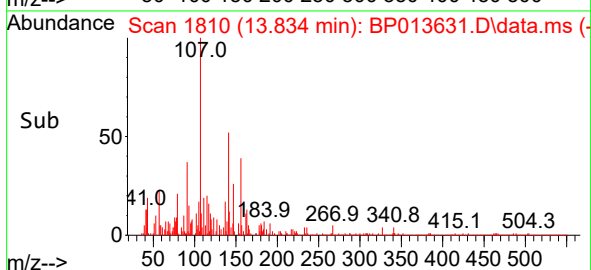
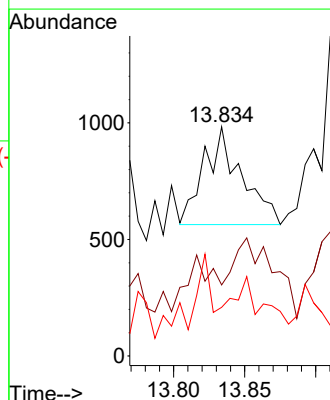
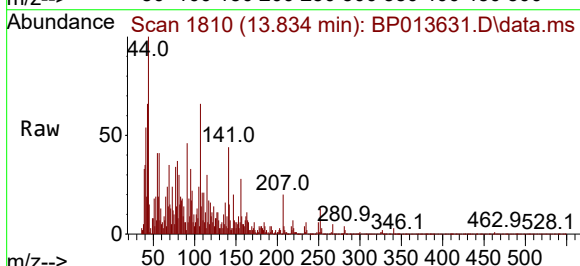
Tgt Ion: 65 Resp: 769

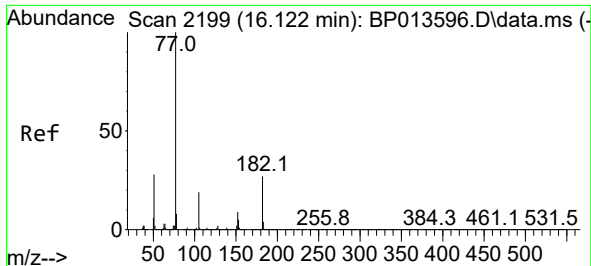
Ion Ratio Lower Upper

65 100

92 31.0 59.5 89.3#

138 21.3 87.1 130.7#

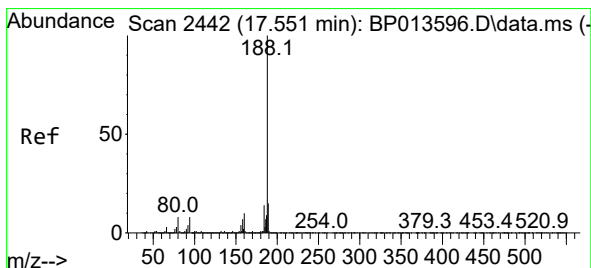
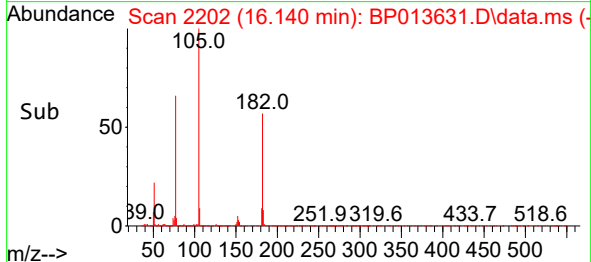
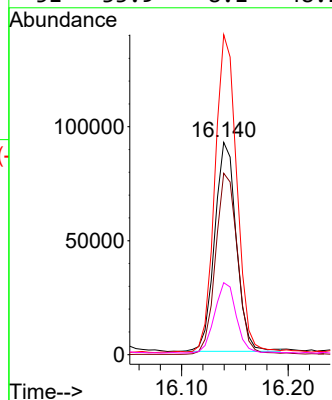
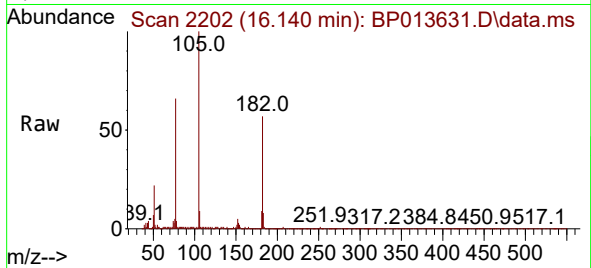




#63
Azobenzene
Concen: 3.767 ng
RT: 16.140 min Scan# 2199
Delta R.T. 0.018 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

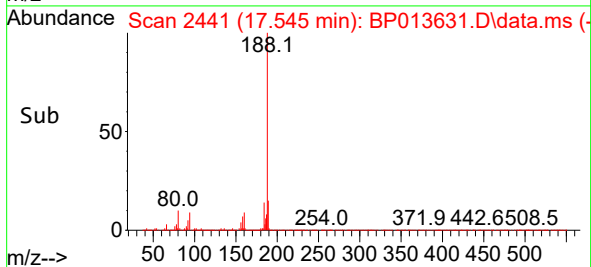
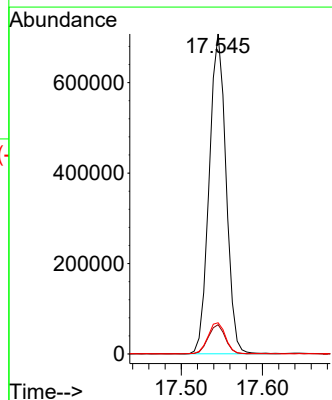
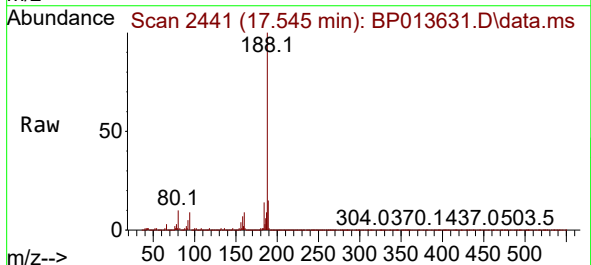
Instrument :
BNA_P
ClientSampleId :
MW-12-0118

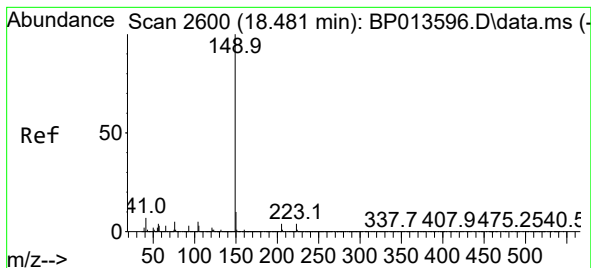
Tgt Ion: 77 Resp: 129500
Ion Ratio Lower Upper
77 100
182 85.5 7.0 47.0#
105 150.7 0.0 39.2#
51 33.9 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

Tgt Ion: 188 Resp: 1018799
Ion Ratio Lower Upper
188 100
94 9.2 6.1 9.1#
80 9.7 6.6 10.0





#74

Di-n-butylphthalate

Concen: 3.719 ng

RT: 18.475 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013631.D

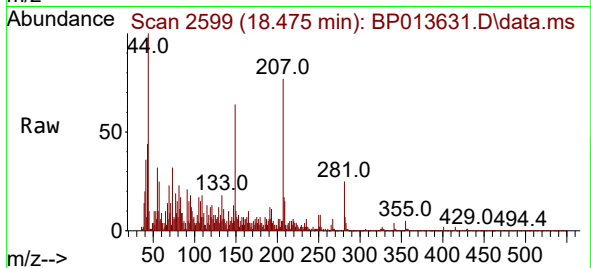
Acq: 27 Jan 2023 22:50

Instrument :

BNA_P

ClientSampleId :

MW-12-0118



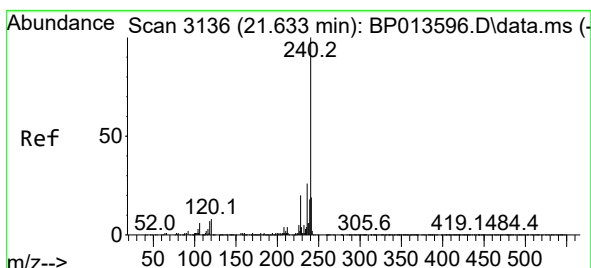
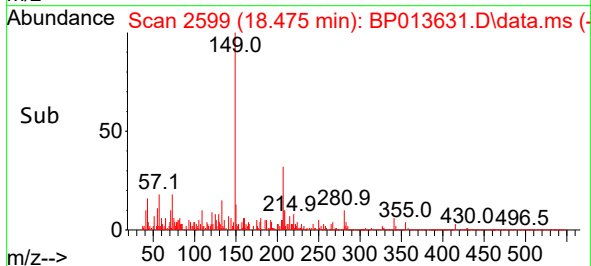
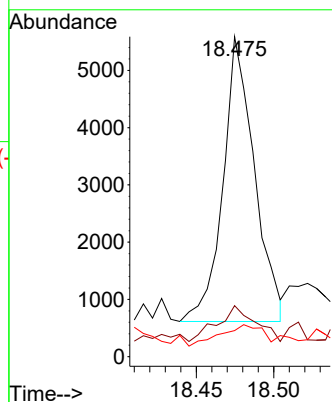
Tgt Ion:149 Resp: 7015

Ion Ratio Lower Upper

149 100

150 15.9 7.6 11.4#

104 8.1 4.4 6.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BP013631.D

Acq: 27 Jan 2023 22:50

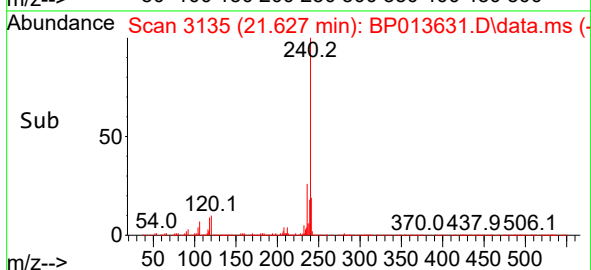
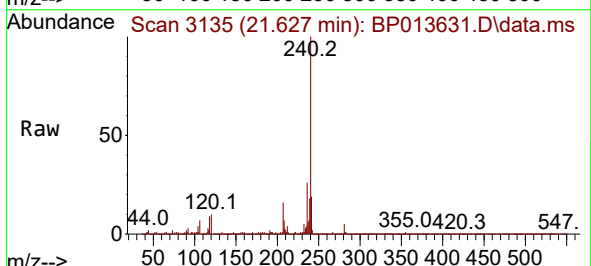
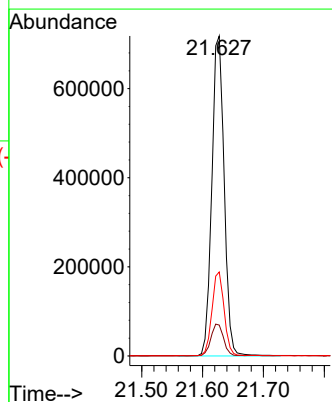
Tgt Ion:240 Resp: 1010980

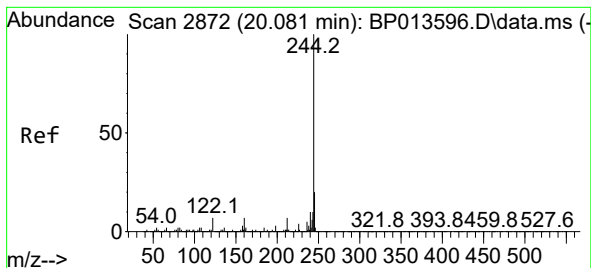
Ion Ratio Lower Upper

240 100

120 9.6 6.7 10.1

236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 69.105 ng

RT: 20.081 min Scan# 2872

Delta R.T. 0.000 min

Lab File: BP013631.D

Acq: 27 Jan 2023 22:50

Instrument :

BNA_P

ClientSampleId :

MW-12-0118

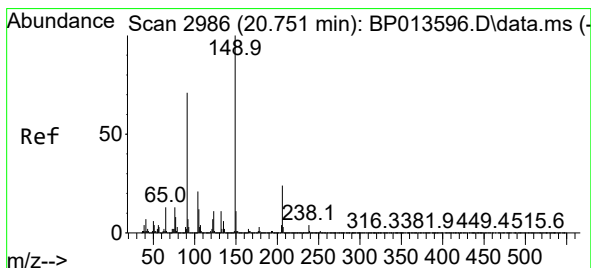
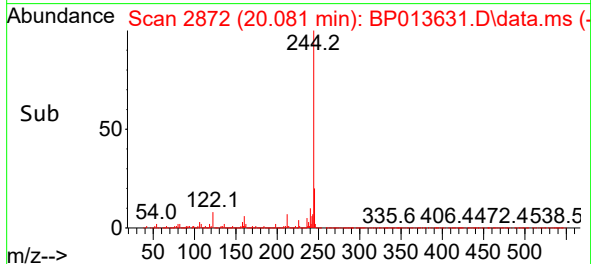
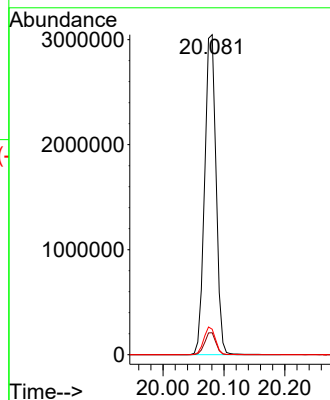
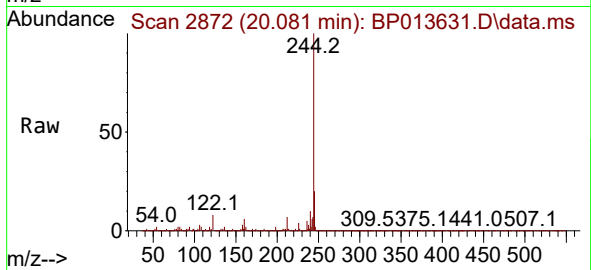
Tgt Ion:244 Resp: 3959116

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 7.9 5.3 7.9#



#80

Butylbenzylphthalate

Concen: 5.409 ng

RT: 20.751 min Scan# 2986

Delta R.T. 0.000 min

Lab File: BP013631.D

Acq: 27 Jan 2023 22:50

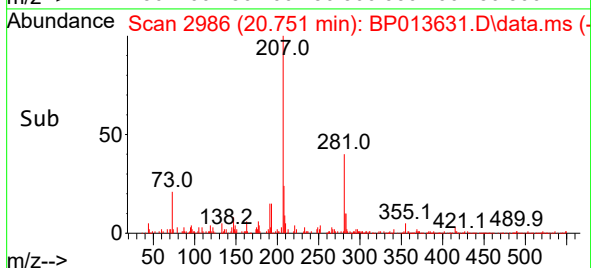
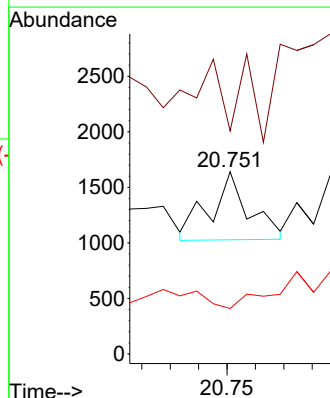
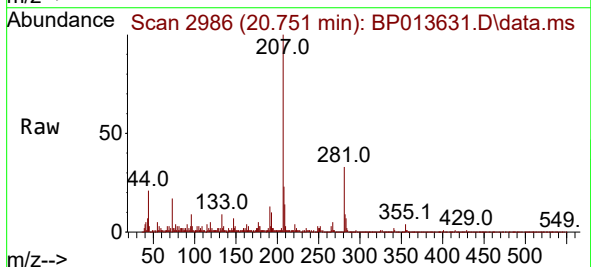
Tgt Ion:149 Resp: 579

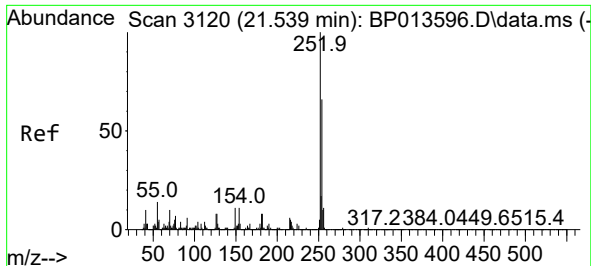
Ion Ratio Lower Upper

149 100

91 122.4 57.0 85.6#

206 25.0 19.0 28.6

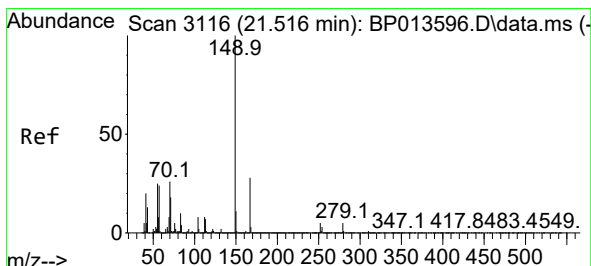
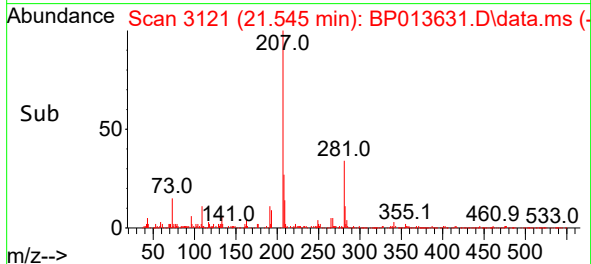
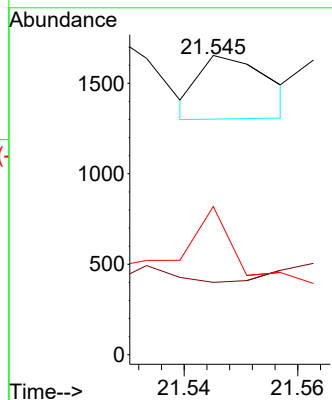
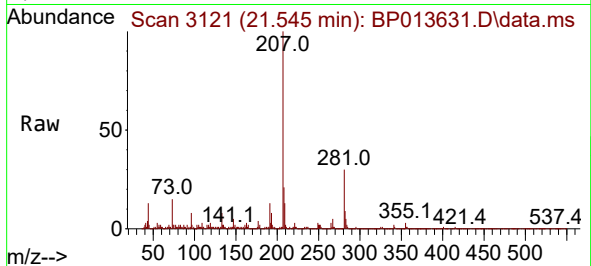




#82
3,3'-Dichlorobenzidine
Concen: 6.368 ng
RT: 21.545 min Scan# 3120
Delta R.T. 0.006 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

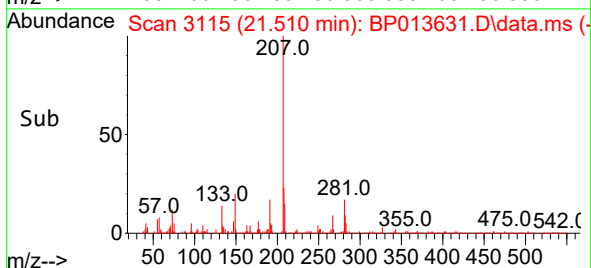
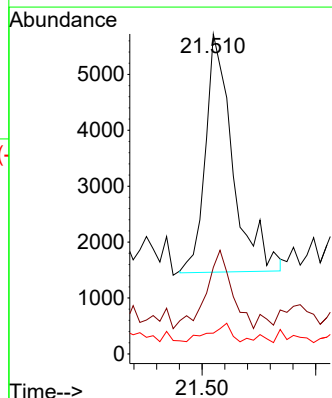
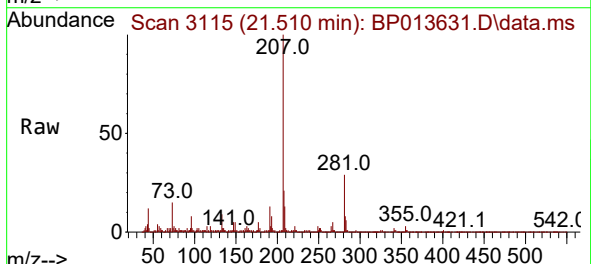
Instrument :
BNA_P
ClientSampleId :
MW-12-0118

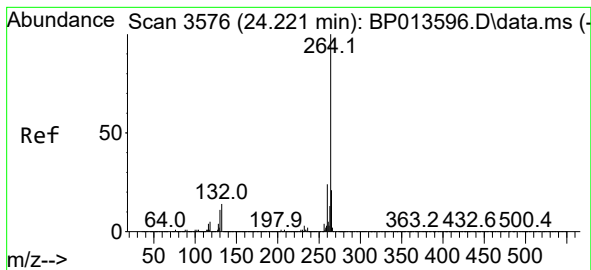
Tgt Ion:252 Resp: 297
Ion Ratio Lower Upper
252 100
254 24.2 52.3 78.5#
126 49.5 6.2 9.4#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.791 ng
RT: 21.510 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP013631.D
Acq: 27 Jan 2023 22:50

Tgt Ion:149 Resp: 7097
Ion Ratio Lower Upper
149 100
167 27.0 22.2 33.4
279 6.5 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.216 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013631.D

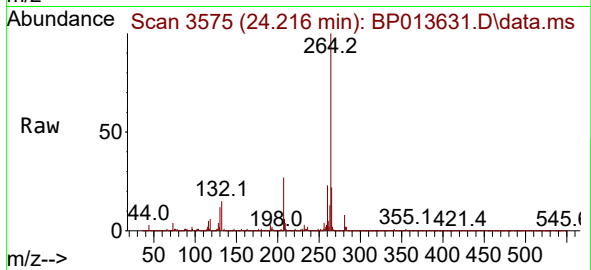
Acq: 27 Jan 2023 22:50

Instrument :

BNA_P

ClientSampleId :

MW-12-0118



Tgt Ion:264 Resp: 1220028

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.4 17.4 26.0

