

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013630.D
 Acq On : 27 Jan 2023 22:16
 Operator : CG/JU
 Sample : 01221-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-10-0118

Quant Time: Jan 29 23:55:10 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)

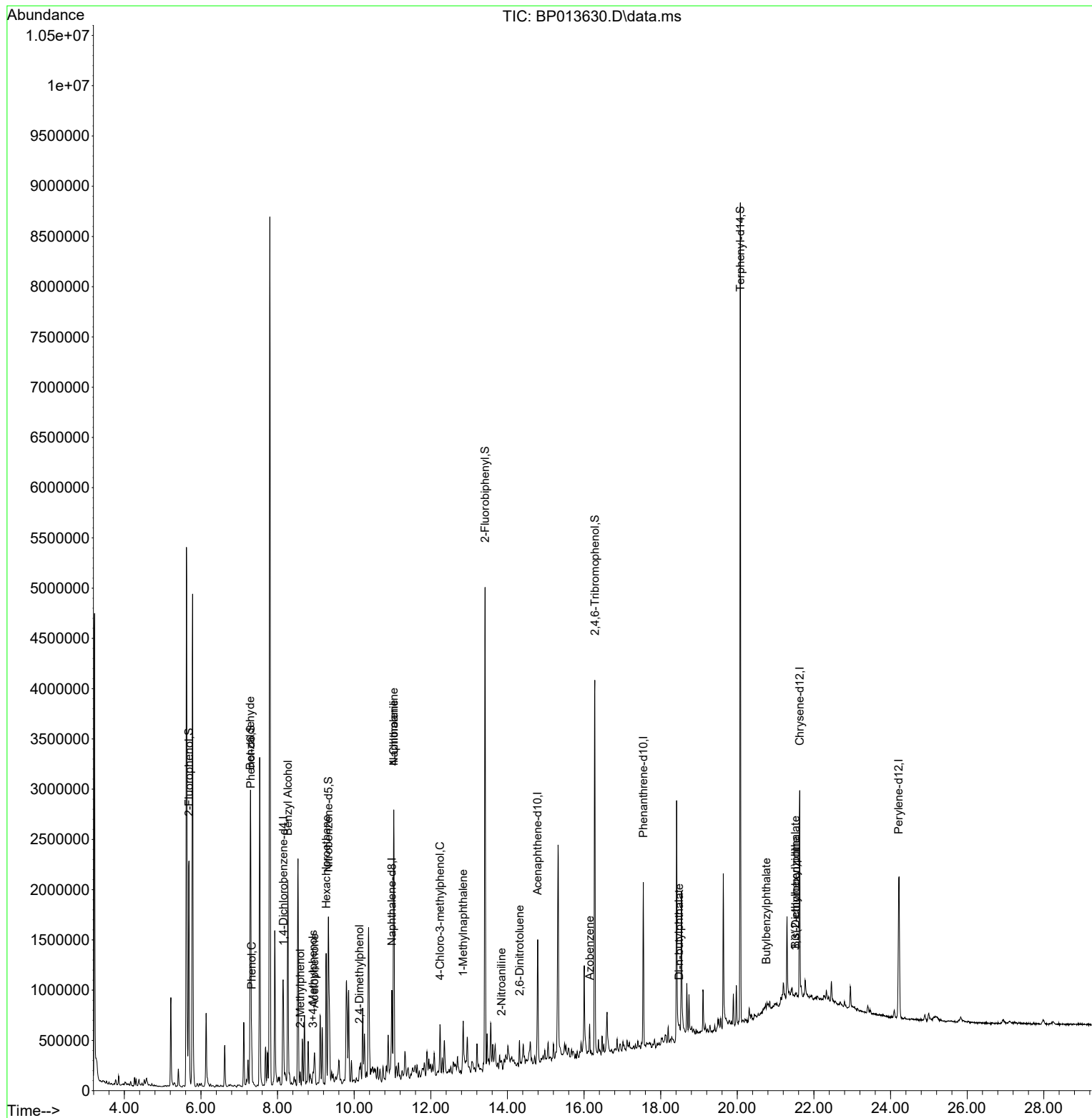
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	190963	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	711597	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	434425	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	950176	20.000	ng	# 0.00
76) Chrysene-d12	21.627	240	1053888	20.000	ng	0.00
86) Perylene-d12	24.215	264	1226184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1057965	99.278	ng	0.00
7) Phenol-d6	7.299	99	1034783	71.881	ng	0.00
23) Nitrobenzene-d5	9.328	82	935217	72.215	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	791117	119.611	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	2513127	82.622	ng	0.00
79) Terphenyl-d14	20.080	244	4108593	68.795	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.287	77	121898	11.326	ng	# 1
10) Phenol	7.322	94	235839	15.639	ng	96
15) Benzyl Alcohol	8.269	79	105615	9.448	ng	# 13
17) 2-Methylphenol	8.593	107	38604	3.548	ng	96
18) Hexachloroethane	9.269	117	155200	32.716	ng	# 1
20) 3+4-Methylphenols	8.922	107	53001	3.554	ng	92
22) Acetophenone	8.963	105	248484	13.834	ng	# 61
27) 2,4-Dimethylphenol	10.134	122	39568	3.671	ng	94
31) Naphthalene	11.034	128	1943832	53.757	ng	99
33) 4-Chloroaniline	11.034	127	252737	16.100	ng	# 39
36) 4-Chloro-3-methylphenol	12.240	107	178113	13.852	ng	99
38) 1-Methylnaphthalene	12.845	142	214506	8.293	ng	95
48) 2-Nitroaniline	13.845	65	1436	4.142	ng	# 42
51) 2,6-Dinitrotoluene	14.316	165	12961	3.228	ng	# 50
63) Azobenzene	16.145	77	88816	2.829	ng	# 1
74) Di-n-butylphthalate	18.480	149	14676	3.906	ng	# 64
80) Butylbenzylphthalate	20.757	149	1458	5.476	ng	# 1
82) 3,3'-Dichlorobenzidine	21.527	252	762	6.389	ng	# 50
84) Bis(2-ethylhexyl)phtha...	21.516	149	18858	4.536	ng	# 83

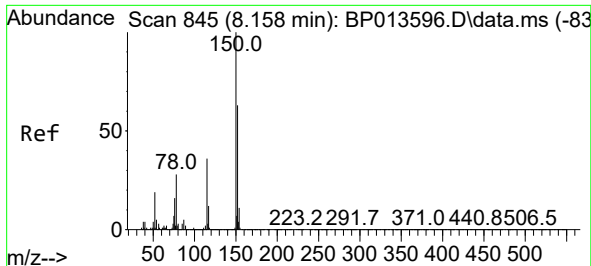
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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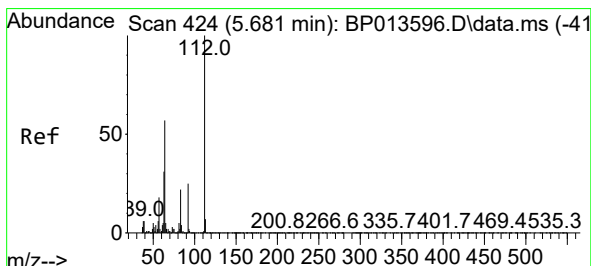
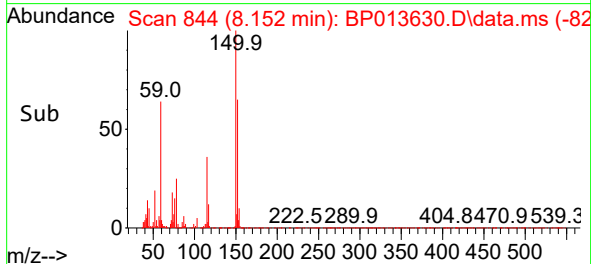
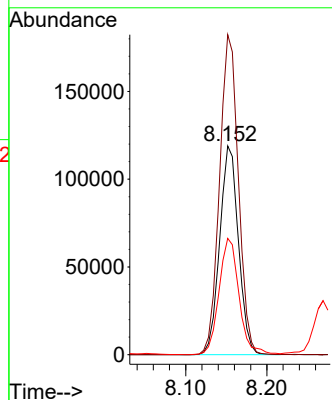
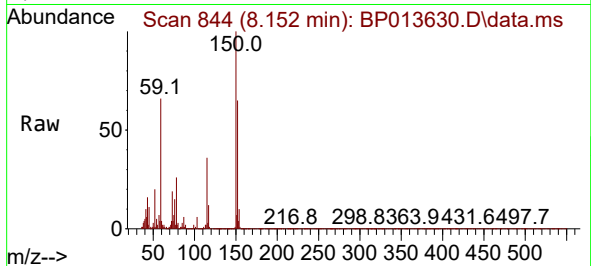




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

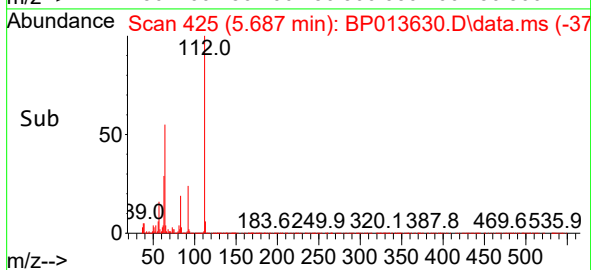
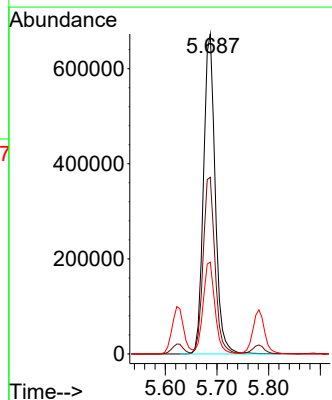
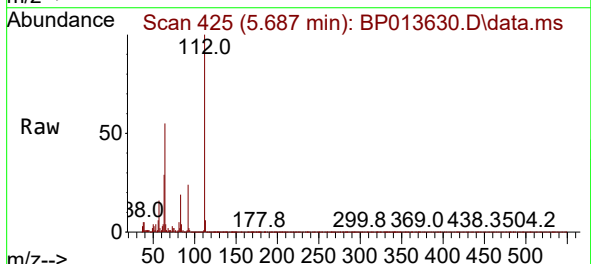
Instrument :
BNA_P
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MW-10-0118

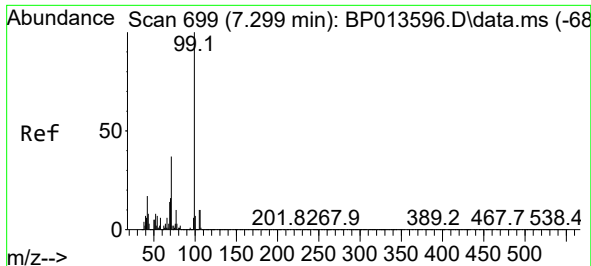
Tgt Ion:152 Resp: 190963
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.2
115 55.7 45.1 67.7



#5
2-Fluorophenol
Concen: 99.278 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion:112 Resp: 1057965
Ion Ratio Lower Upper
112 100
64 55.2 45.5 68.3
63 28.7 25.1 37.7



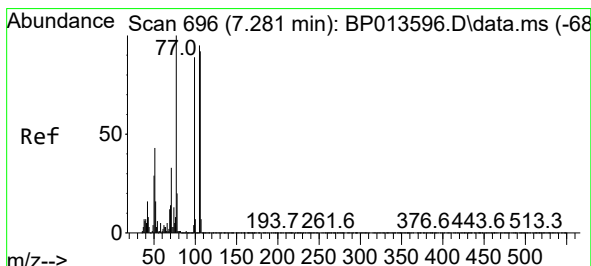
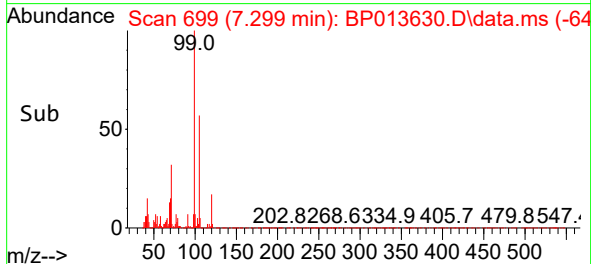
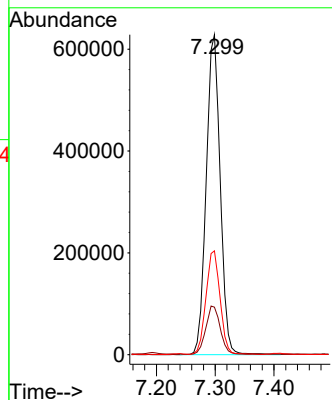
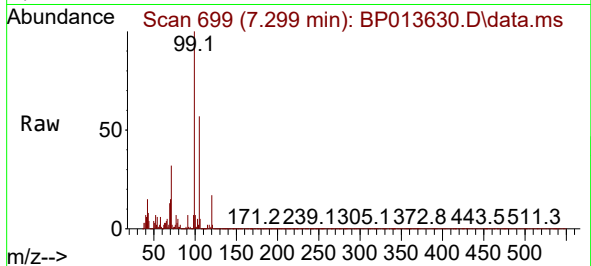


#7
Phenol-d6
Concen: 71.881 ng
RT: 7.299 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Instrument :
BNA_P
ClientSampleId :
MW-10-0118

Tgt Ion: 99 Resp: 1034783

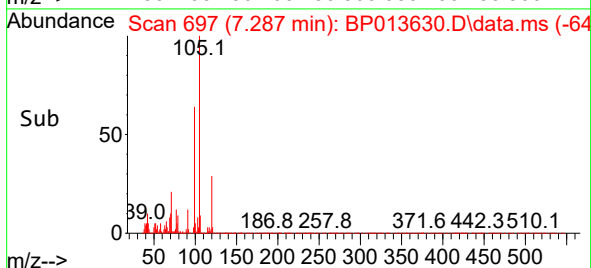
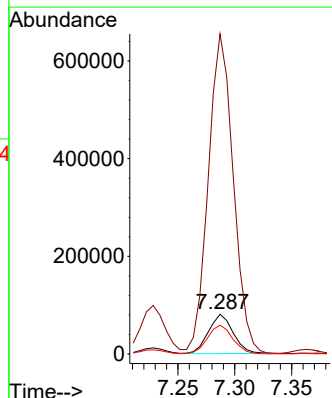
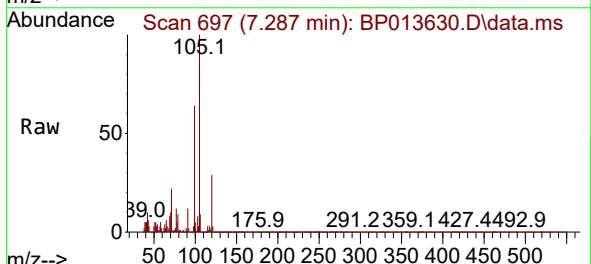
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.4	20.2
71	32.5	29.9	44.9

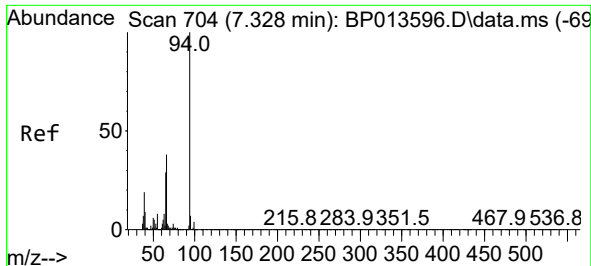


#9
Benzaldehyde
Concen: 11.326 ng
RT: 7.287 min Scan# 697
Delta R.T. 0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion: 77 Resp: 121898

Ion	Ratio	Lower	Upper
77	100		
105	805.8	74.8	114.8
106	72.7	71.5	111.5

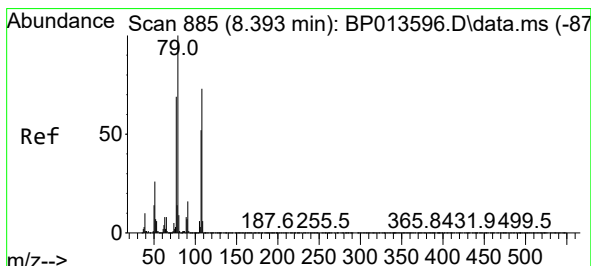
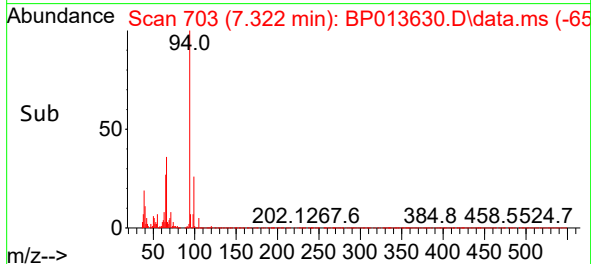
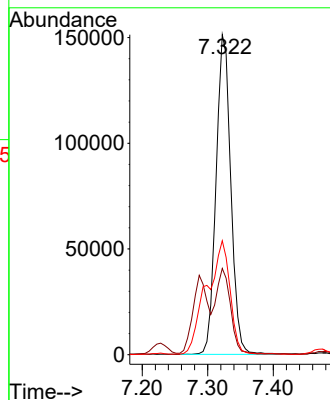
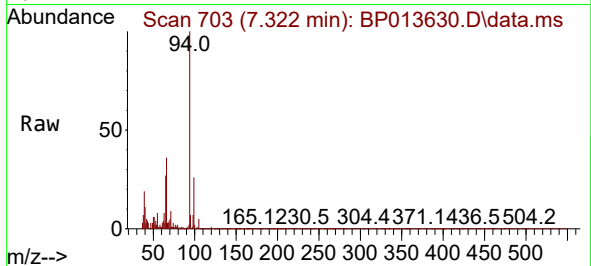




#10
Phenol
Concen: 15.639 ng
RT: 7.322 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

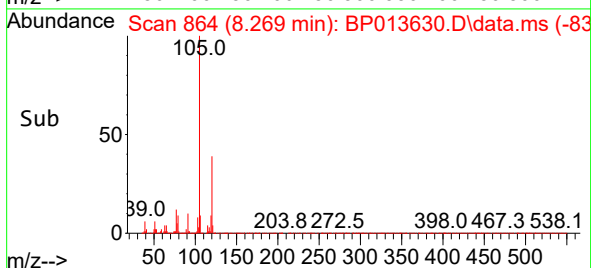
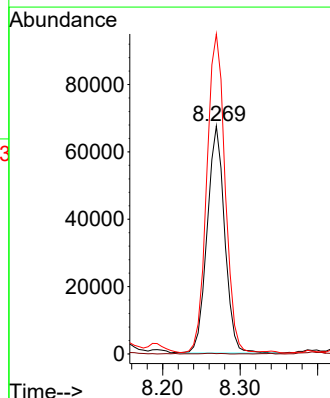
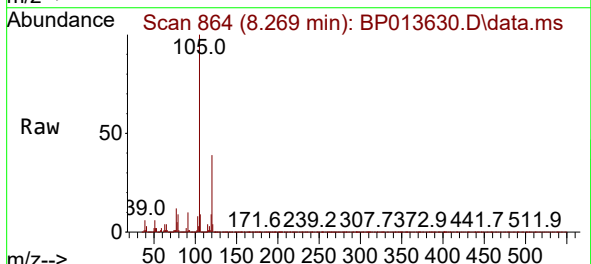
Instrument :
BNA_P
ClientSampleId :
MW-10-0118

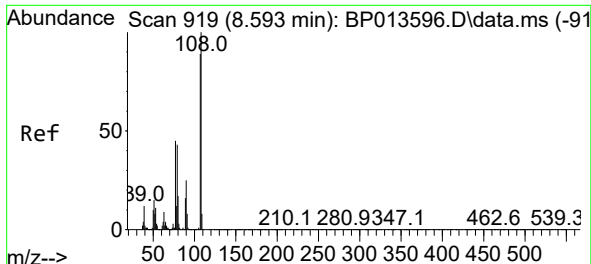
Tgt Ion: 94 Resp: 235839
Ion Ratio Lower Upper
94 100
65 27.0 8.7 48.7
66 35.6 18.4 58.4



#15
Benzyl Alcohol
Concen: 9.448 ng
RT: 8.269 min Scan# 864
Delta R.T. -0.124 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion: 79 Resp: 105615
Ion Ratio Lower Upper
79 100
108 0.1 58.4 87.6#
77 140.4 55.0 82.6#

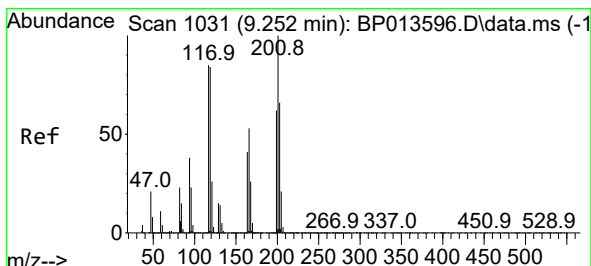
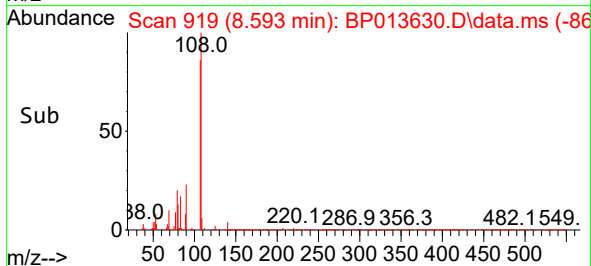
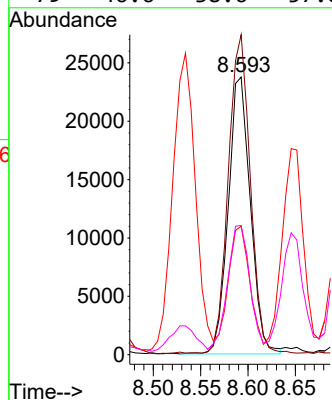
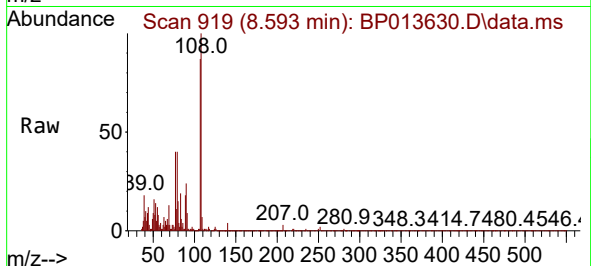




#17
2-Methylphenol
Concen: 3.548 ng
RT: 8.593 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

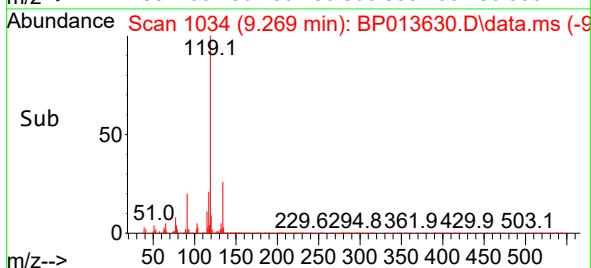
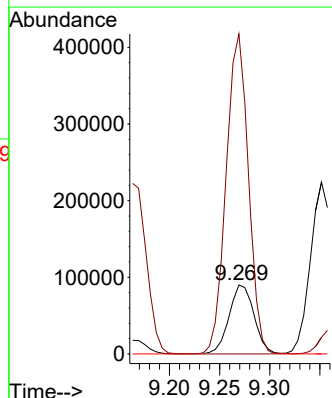
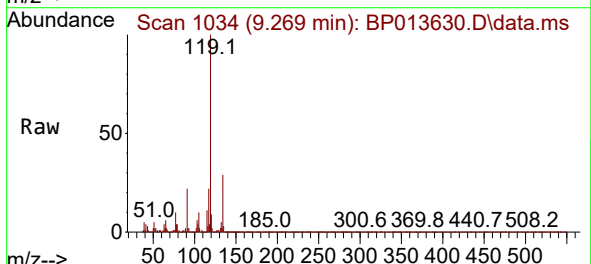
Instrument :
BNA_P
ClientSampleId :
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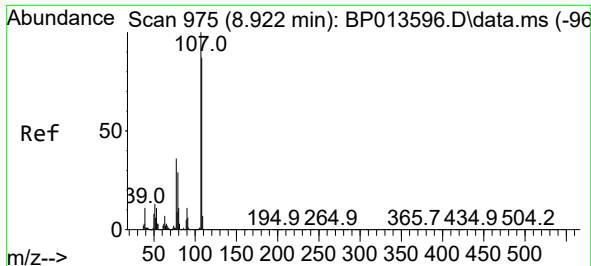
Tgt Ion:	107	Resp:	38604
Ion	Ratio	Lower	Upper
107	100		
108	115.3	89.6	134.4
77	46.3	40.4	60.6
79	46.6	38.6	57.8



#18
Hexachloroethane
Concen: 32.716 ng
RT: 9.269 min Scan# 1034
Delta R.T. 0.018 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion:	117	Resp:	155200
Ion	Ratio	Lower	Upper
117	100		
119	464.1	78.6	118.0#
201	0.1	94.0	141.0#

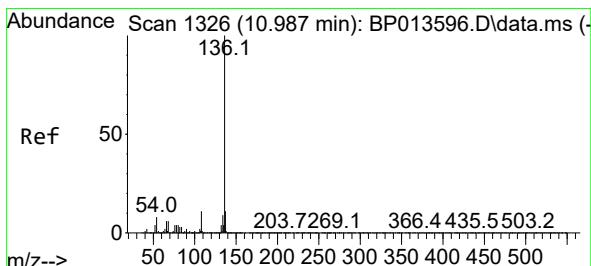
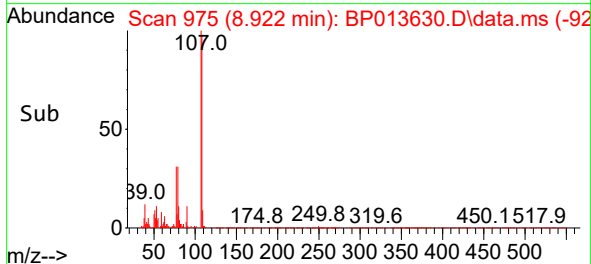
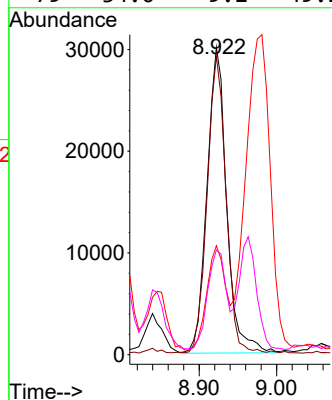
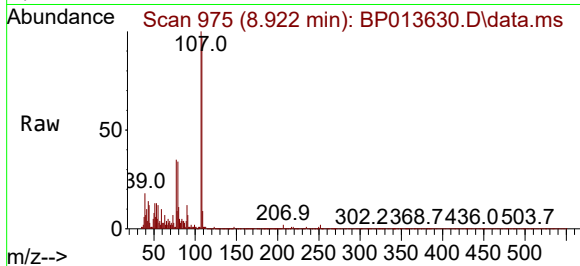




#20
3+4-Methylphenols
Concen: 3.554 ng
RT: 8.922 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

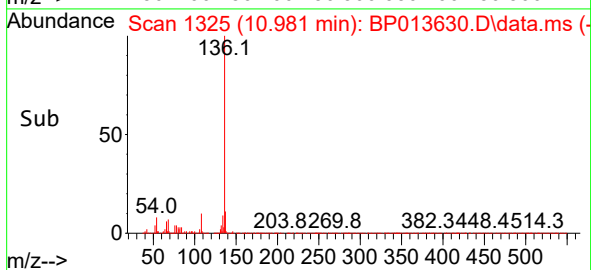
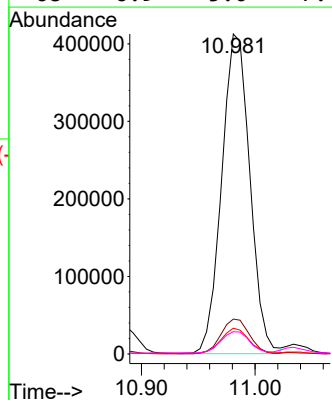
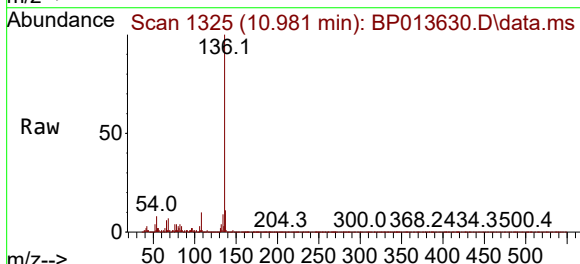
Instrument :
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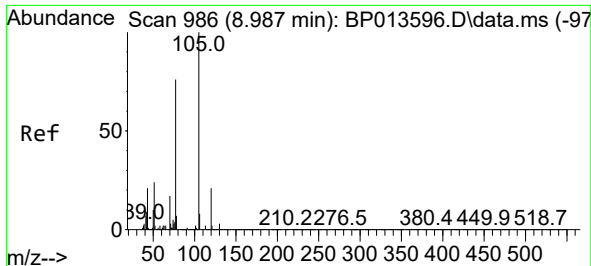
Tgt Ion:	107	Resp:	53001
Ion	Ratio	Lower	Upper
107	100		
108	97.1	67.4	107.4
77	35.4	15.9	55.9
79	34.0	9.2	49.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion:	136	Resp:	711597
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.0	6.1	9.1
68	6.9	5.0	7.4

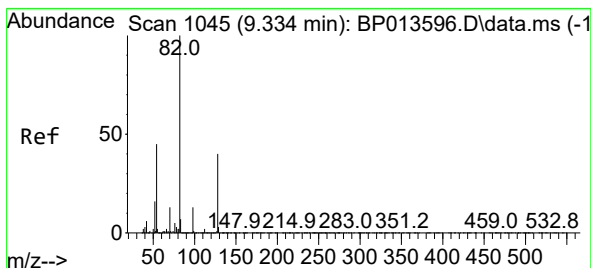
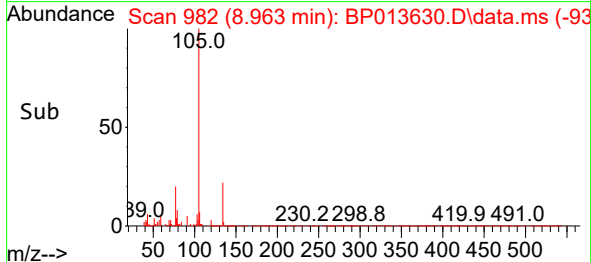
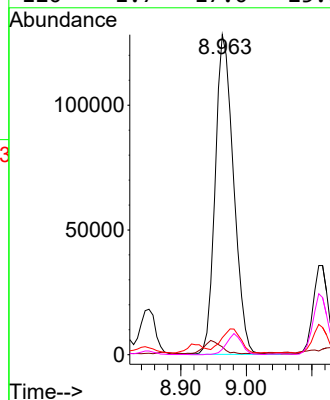
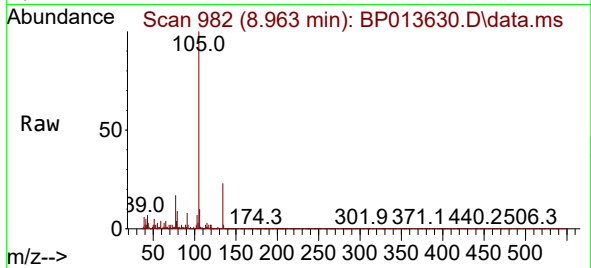




#22
Acetophenone
Concen: 13.834 ng
RT: 8.963 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

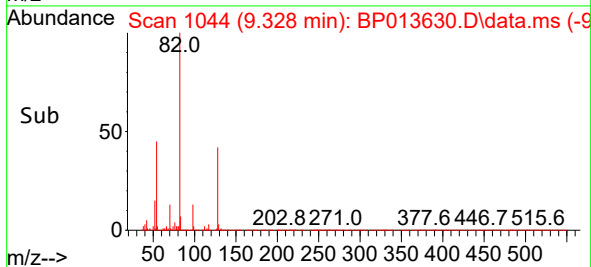
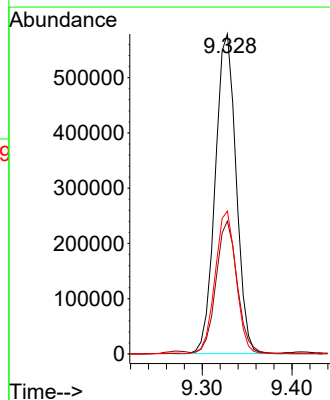
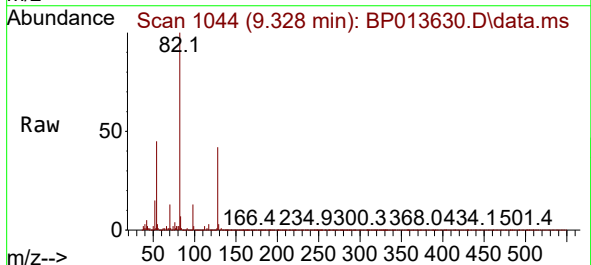
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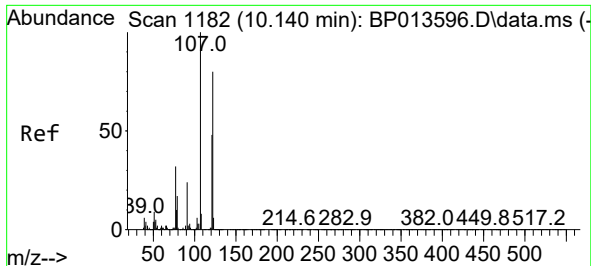
Tgt Ion:105 Resp: 248484
Ion Ratio Lower Upper
105 100
71 2.4 2.5 3.7#
51 5.3 20.6 31.0#
120 1.7 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 72.215 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion: 82 Resp: 935217
Ion Ratio Lower Upper
82 100
128 41.6 31.8 47.8
54 44.6 36.2 54.2

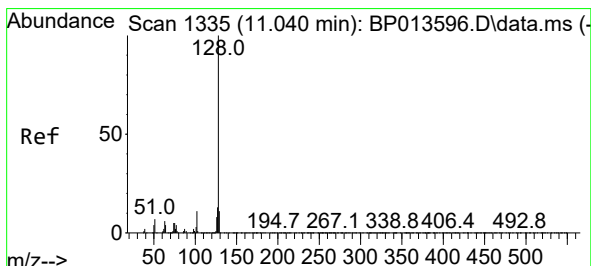
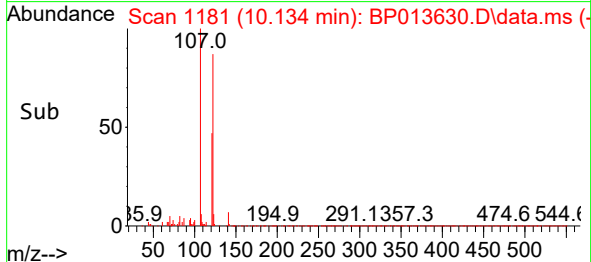
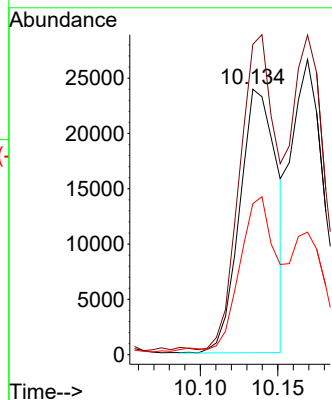
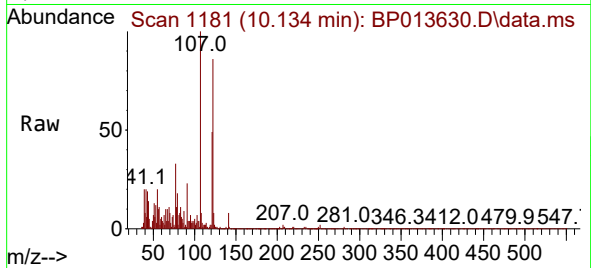




#27
2,4-Dimethylphenol
Concen: 3.671 ng
RT: 10.134 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

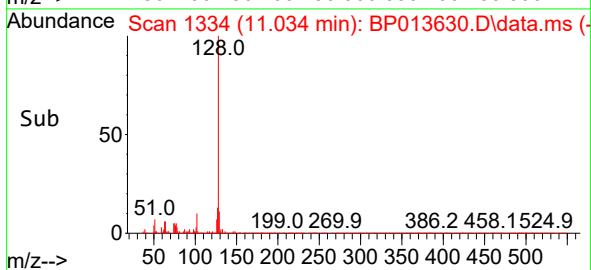
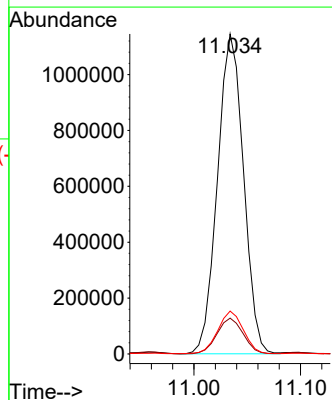
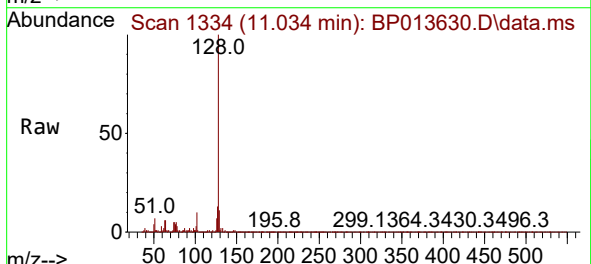
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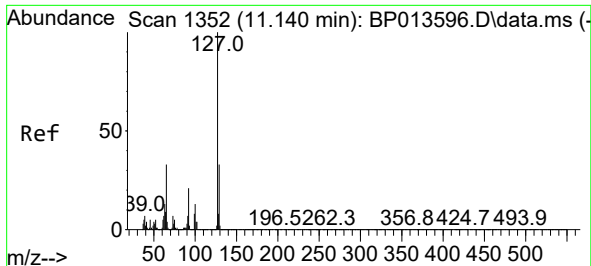
Tgt Ion:122 Resp: 39568
Ion Ratio Lower Upper
122 100
107 116.9 99.2 148.8
121 56.9 48.0 72.0



#31
Naphthalene
Concen: 53.757 ng
RT: 11.034 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion:128 Resp: 1943832
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.4 15.6

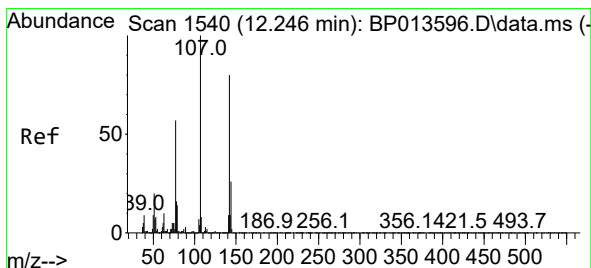
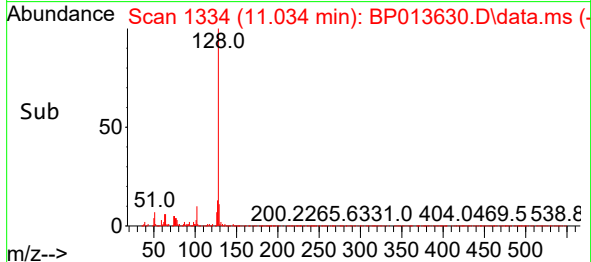
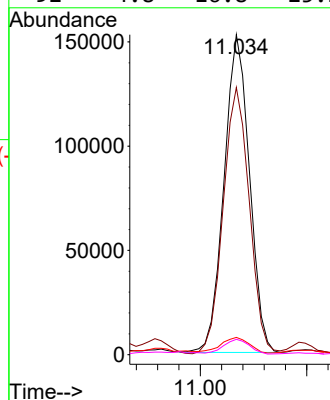
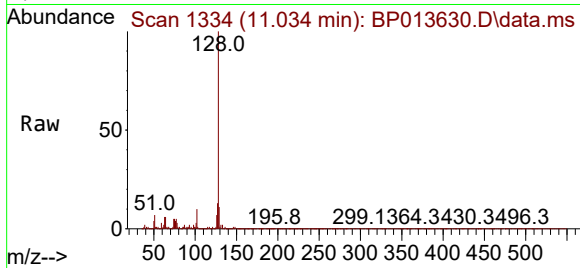




#33
4-Chloroaniline
Concen: 16.100 ng
RT: 11.034 min Scan# 11
Delta R.T. -0.106 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

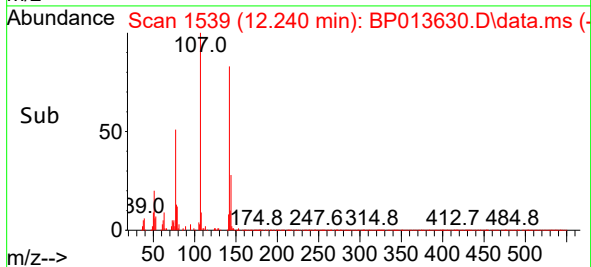
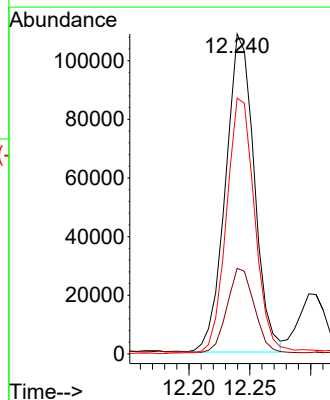
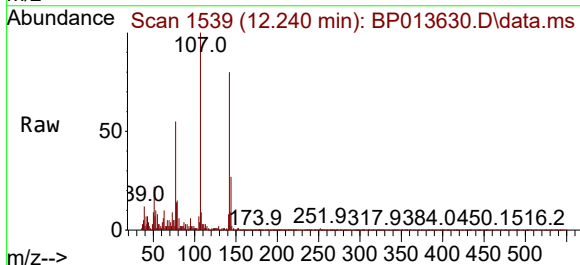
Instrument :
BNA_P
ClientSampleId :
MW-10-0118

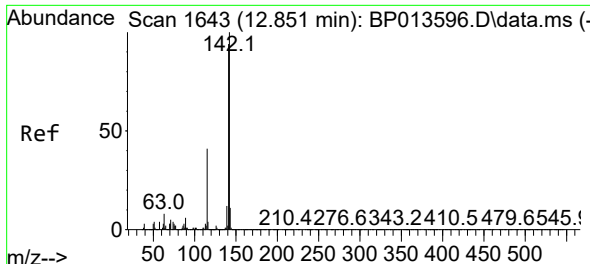
Tgt Ion:127	Resp: 252737
Ion Ratio	Lower Upper
127 100	
129 83.5	26.2 39.4#
65 5.4	26.3 39.5#
92 4.8	16.8 25.2#



#36
4-Chloro-3-methylphenol
Concen: 13.852 ng
RT: 12.240 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion:107	Resp: 178113		
Ion Ratio	Lower	Upper	
107 100			
144 26.7	20.9	31.3	
142 80.0	64.2	96.4	

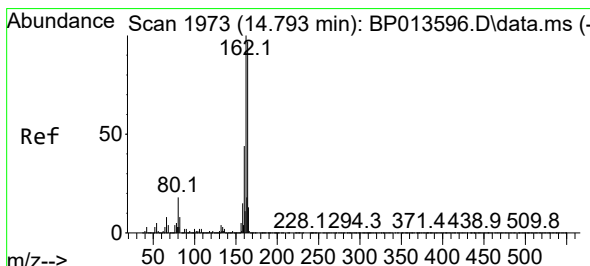
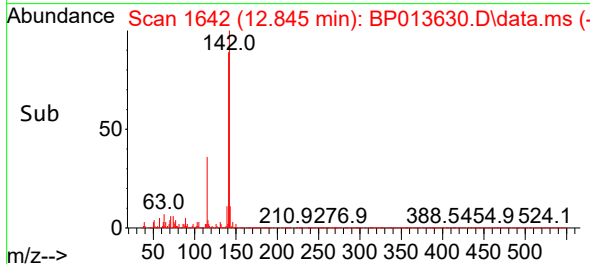
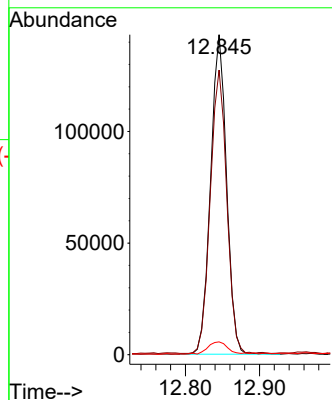
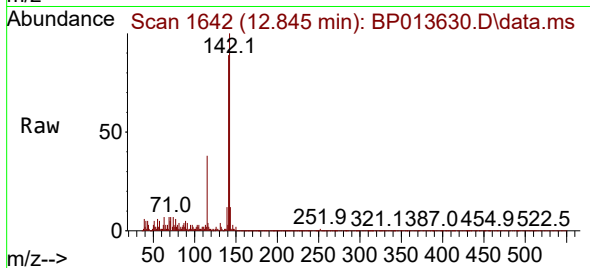




#38
1-Methylnaphthalene
Concen: 8.293 ng
RT: 12.845 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

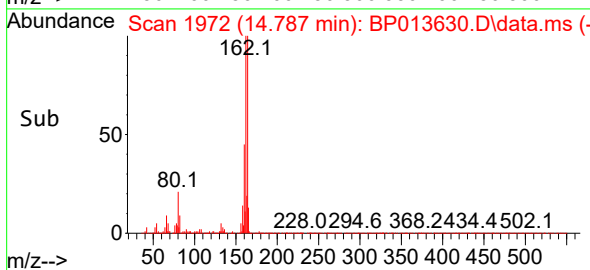
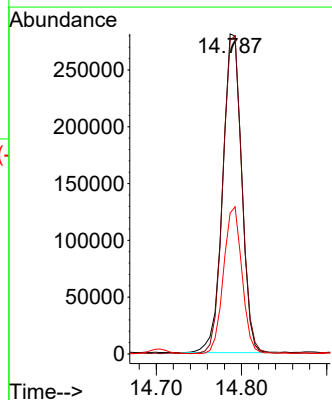
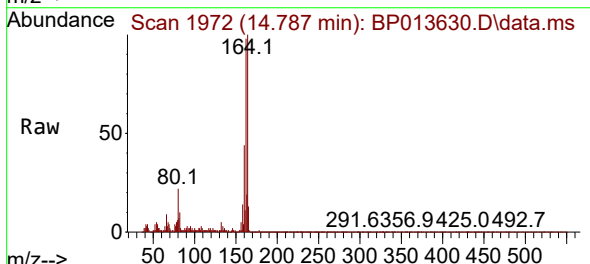
Instrument :
BNA_P
ClientSampleId :
MW-10-0118

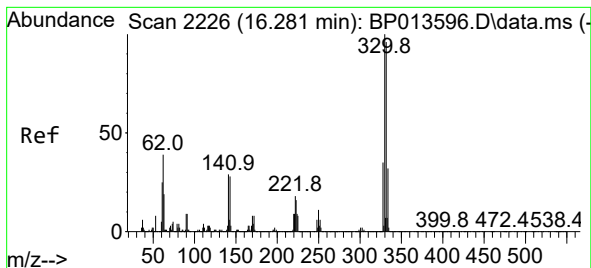
Tgt Ion:142 Resp: 214506
Ion Ratio Lower Upper
142 100
141 89.0 75.5 113.3
116 4.0 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.787 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion:164 Resp: 434425
Ion Ratio Lower Upper
164 100
162 98.0 82.3 123.5
160 44.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 119.611 ng

RT: 16.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013630.D

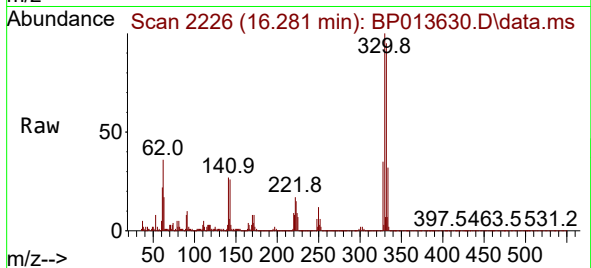
Acq: 27 Jan 2023 22:16

Instrument :

BNA_P

ClientSampleId :

MW-10-0118



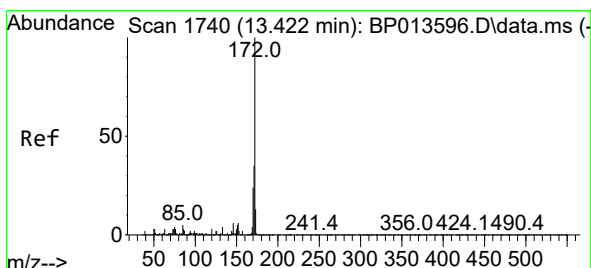
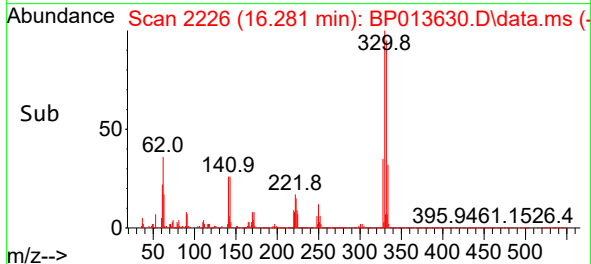
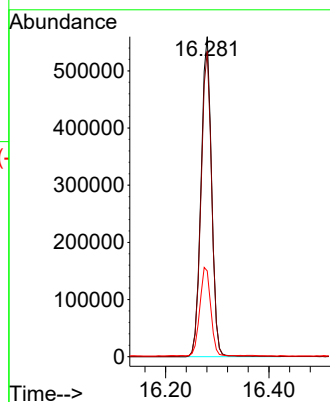
Tgt Ion:330 Resp: 791117

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.4

141 28.4 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 82.622 ng

RT: 13.416 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BP013630.D

Acq: 27 Jan 2023 22:16

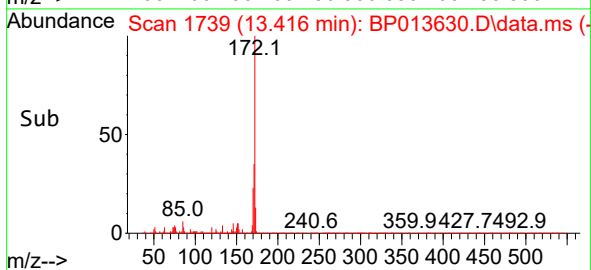
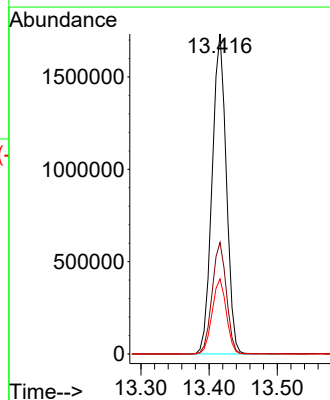
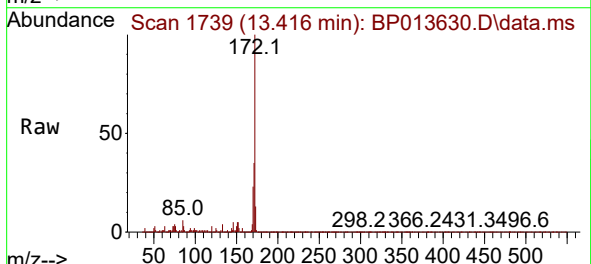
Tgt Ion:172 Resp: 2513127

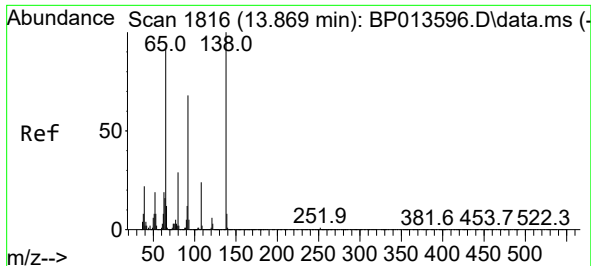
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.5 19.1 28.7

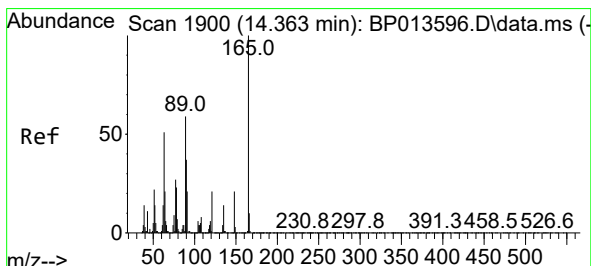
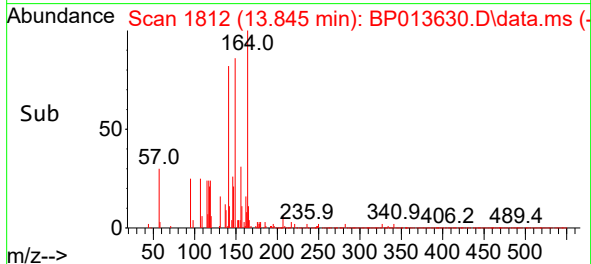
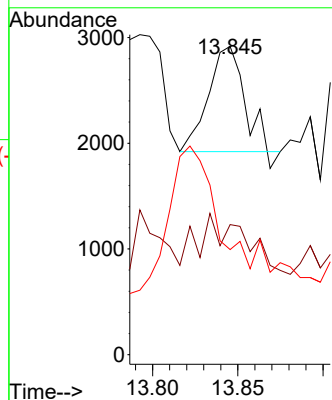
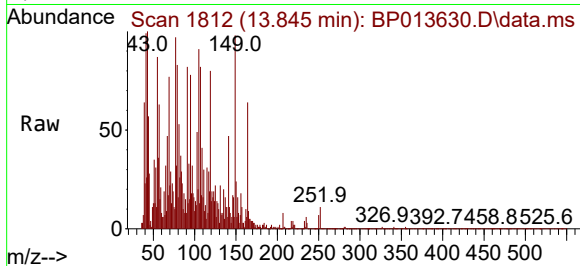




#48
2-Nitroaniline
Concen: 4.142 ng
RT: 13.845 min Scan# 1816
Delta R.T. -0.024 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

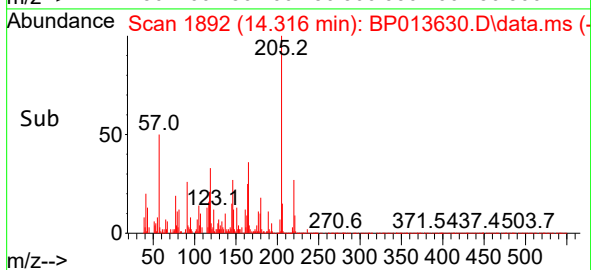
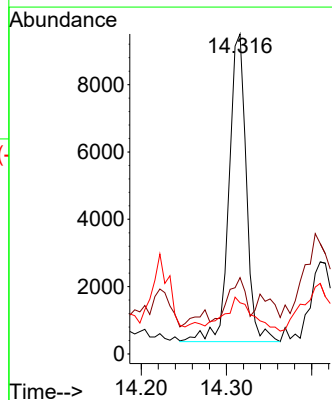
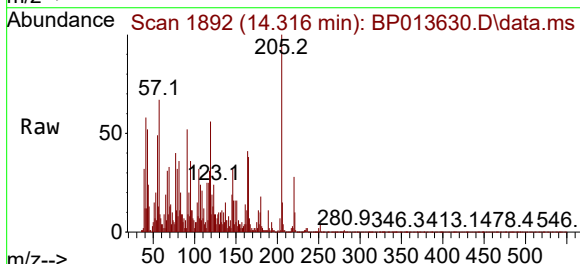
Instrument :
BNA_P
ClientSampleId :
MW-10-0118

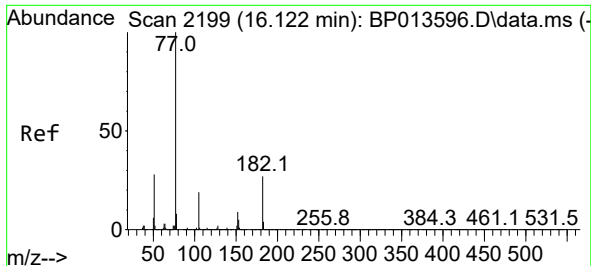
Tgt Ion: 65 Resp: 1436
Ion Ratio Lower Upper
65 100
92 42.2 59.5 89.3#
138 34.1 87.1 130.7#



#51
2,6-Dinitrotoluene
Concen: 3.228 ng
RT: 14.316 min Scan# 1892
Delta R.T. -0.047 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion:165 Resp: 12961
Ion Ratio Lower Upper
165 100
63 23.9 42.4 63.6#
89 16.0 47.0 70.4#

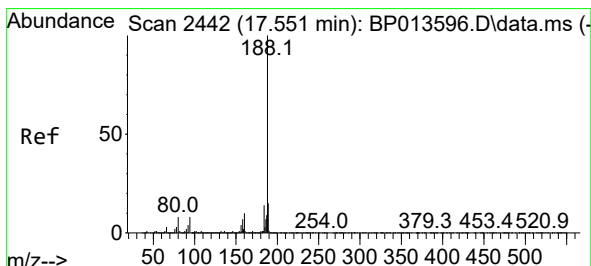
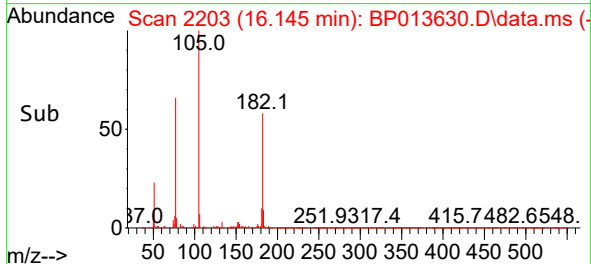
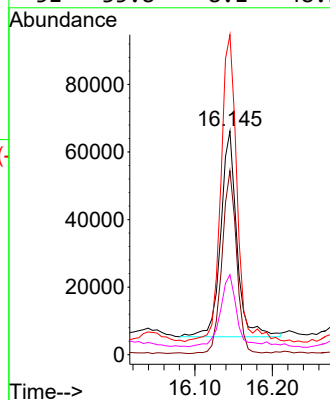
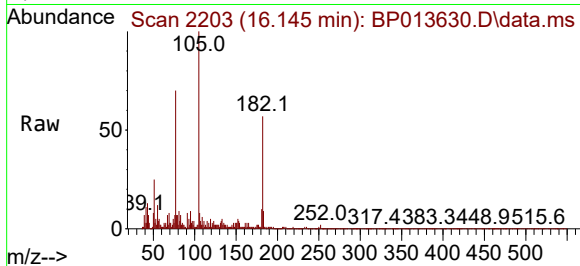




#63
Azobenzene
Concen: 2.829 ng
RT: 16.145 min Scan# 2199
Delta R.T. 0.023 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

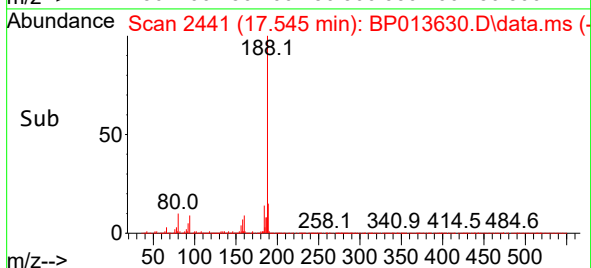
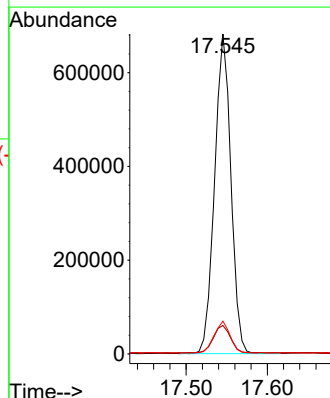
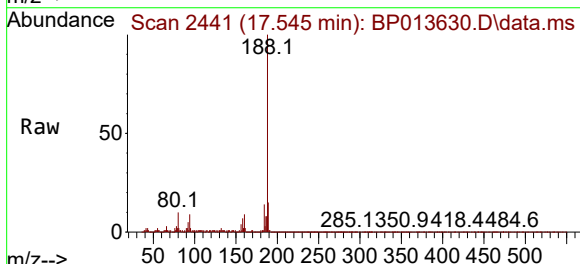
Instrument :
BNA_P
ClientSampleId :
MW-10-0118

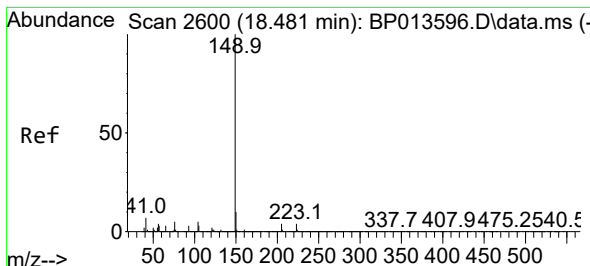
Tgt Ion: 77	Resp: 88816
Ion Ratio	Lower Upper
77 100	
182 82.3	7.0 47.0#
105 143.2	0.0 39.2#
51 35.8	8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013630.D
Acq: 27 Jan 2023 22:16

Tgt Ion: 188	Resp: 950176
Ion Ratio	Lower Upper
188 100	
94 8.9	6.1 9.1
80 10.2	6.6 10.0#





#74

Di-n-butylphthalate

Concen: 3.906 ng

RT: 18.480 min Scan# 2

Delta R.T. -0.001 min

Lab File: BP013630.D

Acq: 27 Jan 2023 22:16

Instrument :

BNA_P

ClientSampleId :

MW-10-0118

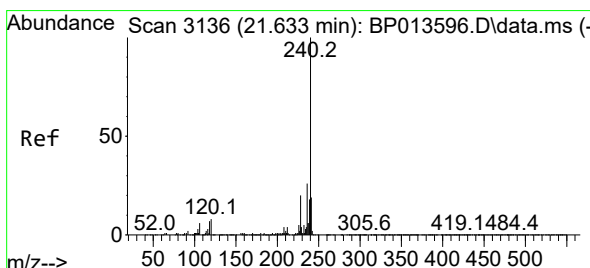
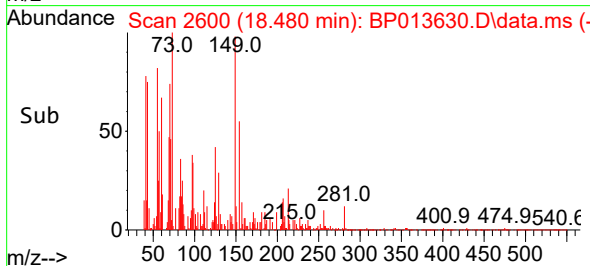
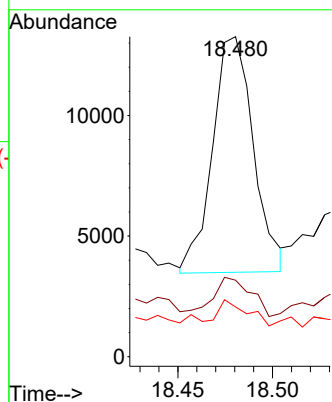
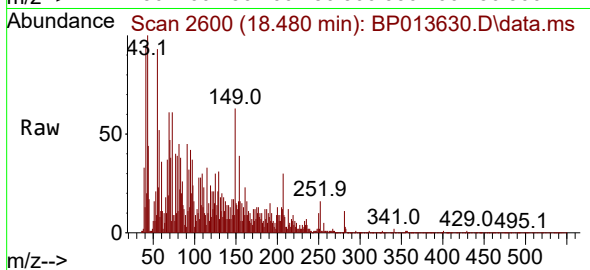
Tgt Ion:149 Resp: 14676

Ion Ratio Lower Upper

149 100

150 23.9 7.6 11.4#

104 15.5 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: BP013630.D

Acq: 27 Jan 2023 22:16

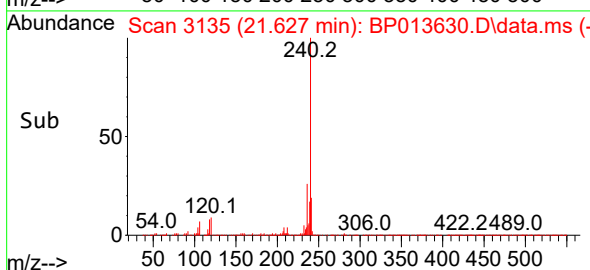
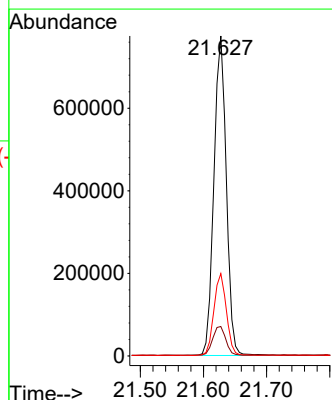
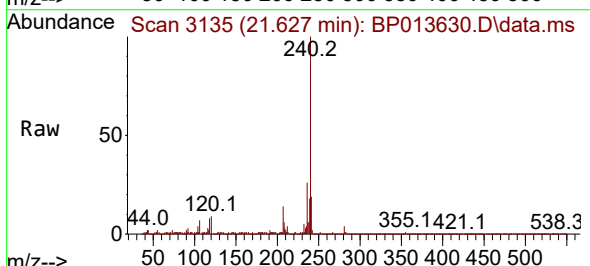
Tgt Ion:240 Resp: 1053888

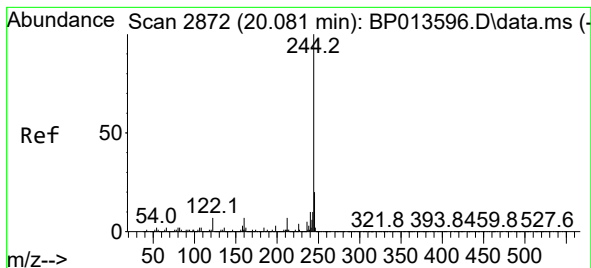
Ion Ratio Lower Upper

240 100

120 9.2 6.7 10.1

236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 68.795 ng

RT: 20.080 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013630.D

Acq: 27 Jan 2023 22:16

Instrument :

BNA_P

ClientSampleId :

MW-10-0118

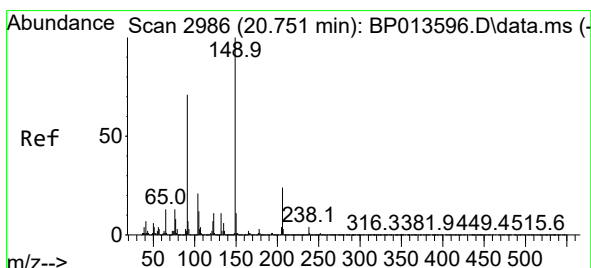
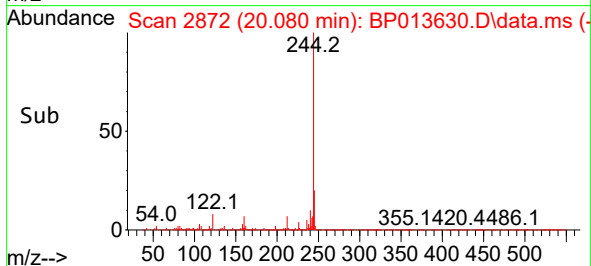
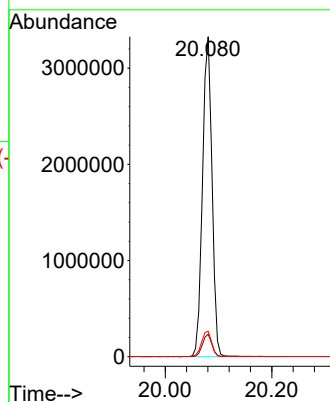
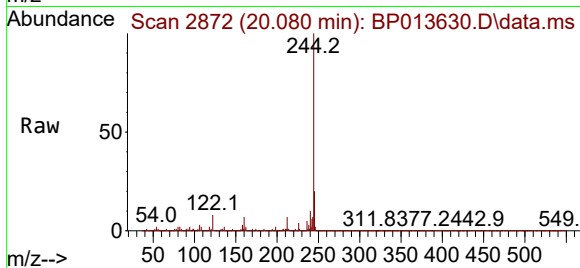
Tgt Ion:244 Resp: 4108593

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 7.9 5.3 7.9#



#80

Butylbenzylphthalate

Concen: 5.476 ng

RT: 20.757 min Scan# 2987

Delta R.T. 0.006 min

Lab File: BP013630.D

Acq: 27 Jan 2023 22:16

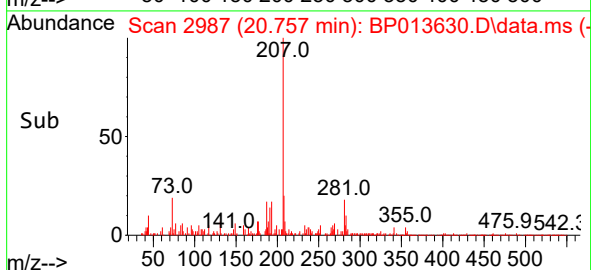
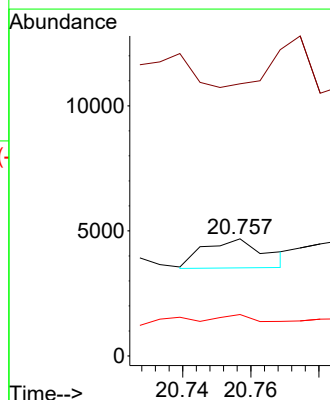
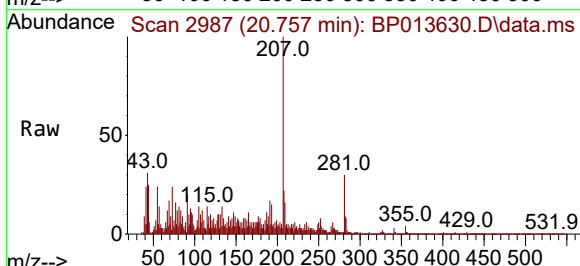
Tgt Ion:149 Resp: 1458

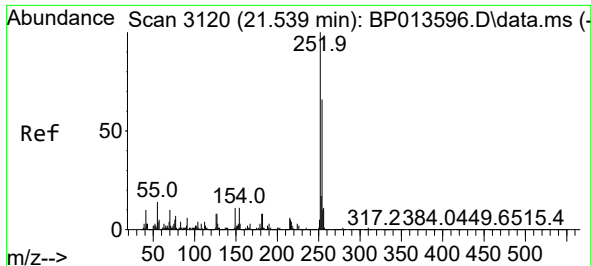
Ion Ratio Lower Upper

149 100

91 232.3 57.0 85.6#

206 35.3 19.0 28.6#

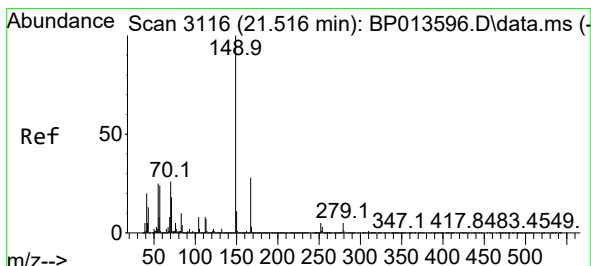
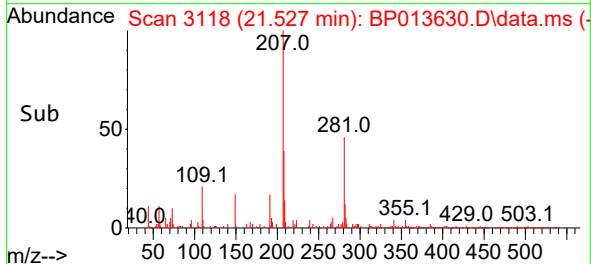
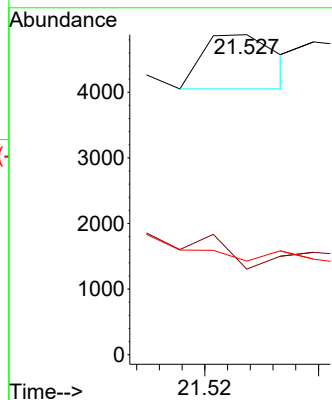
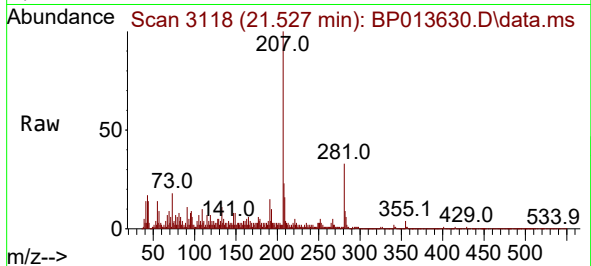




#82
 3,3'-Dichlorobenzidine
 Concen: 6.389 ng
 RT: 21.527 min Scan# 3118
 Delta R.T. -0.012 min
 Lab File: BP013630.D
 Acq: 27 Jan 2023 22:16

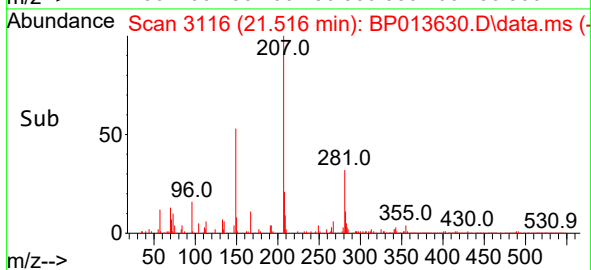
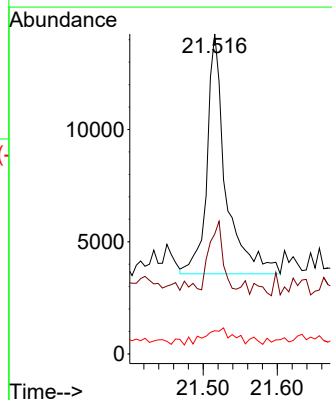
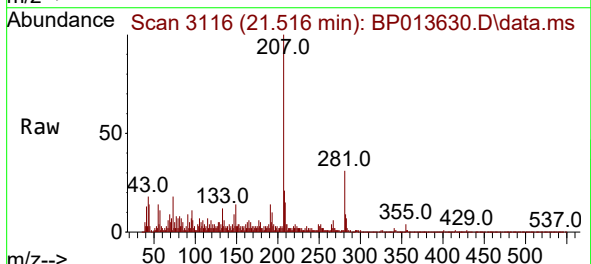
Instrument :
 BNA_P
 ClientSampleId :
 MW-10-0118

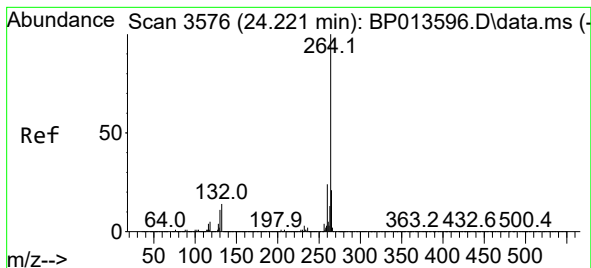
Tgt Ion:252 Resp: 762
 Ion Ratio Lower Upper
 252 100
 254 26.7 52.3 78.5#
 126 29.3 6.2 9.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.536 ng
 RT: 21.516 min Scan# 3116
 Delta R.T. -0.000 min
 Lab File: BP013630.D
 Acq: 27 Jan 2023 22:16

Tgt Ion:149 Resp: 18858
 Ion Ratio Lower Upper
 149 100
 167 37.5 22.2 33.4#
 279 7.3 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.215 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013630.D

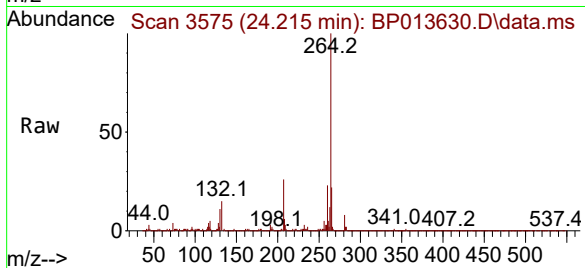
Acq: 27 Jan 2023 22:16

Instrument :

BNA_P

ClientSampleId :

MW-10-0118



Tgt Ion:264 Resp: 1226184

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.8 17.4 26.0

