

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
 Data File : BP013845.D
 Acq On : 17 Feb 2023 15:05
 Operator : CG/JU
 Sample : 01553-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TWP-01

Quant Time: Feb 17 22:04:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 18:05:40 2023
 Response via : Initial Calibration

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

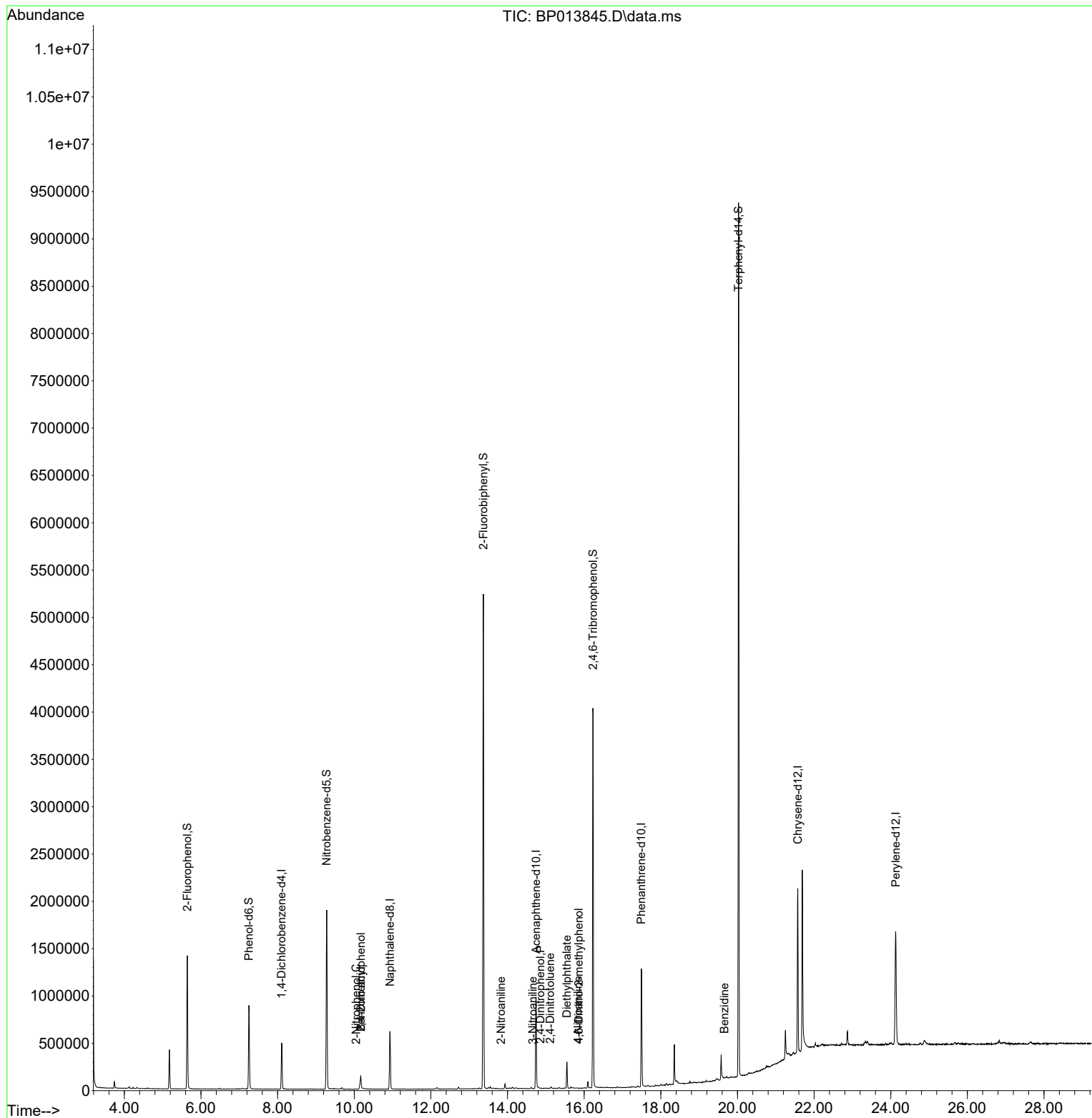
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	135957	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	511773	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	332016	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	774757	20.000	ng	0.00
76) Chrysene-d12	21.575	240	860933	20.000	ng	0.00
86) Perylene-d12	24.127	264	978757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	628543	76.194	ng	0.00
7) Phenol-d6	7.252	99	514639	48.711	ng	-0.01
23) Nitrobenzene-d5	9.281	82	1113716	117.514	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	805661	166.698	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	2647355	104.730	ng	0.00
79) Terphenyl-d14	20.028	244	4662718	104.201	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	10.052	139	23	2.773	ng	# 1
27) 2,4-Dimethylphenol	10.169	122	65274	8.546	ng	# 1
32) Benzoic acid	10.169	122	65274	14.768	ng	97
48) 2-Nitroaniline	13.828	65	40	3.236	ng	# 42
53) 3-Nitroaniline	14.657	138	117	2.026	ng	# 43
54) 2,4-Dinitrophenol	14.857	184	12	5.265	ng	# 1
57) 2,4-Dinitrotoluene	15.110	165	169	2.301	ng	# 66
60) Diethylphthalate	15.546	149	157282	5.970	ng	97
62) 4-Nitroaniline	15.840	138	131	2.567	ng	# 80
65) 4,6-Dinitro-2-methylph...	15.857	198	14	4.626	ng	# 1
77) Benzidine	19.663	184	134	2.290	ng	# 1

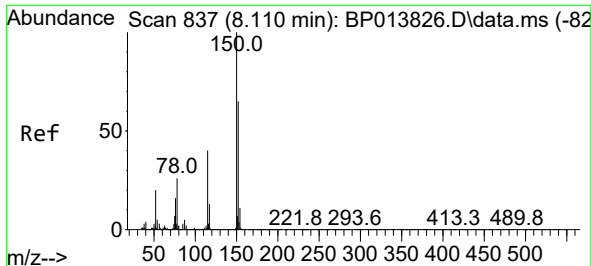
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
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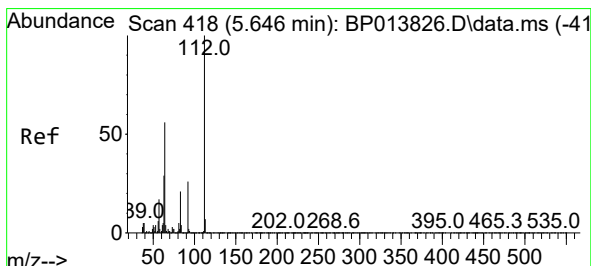
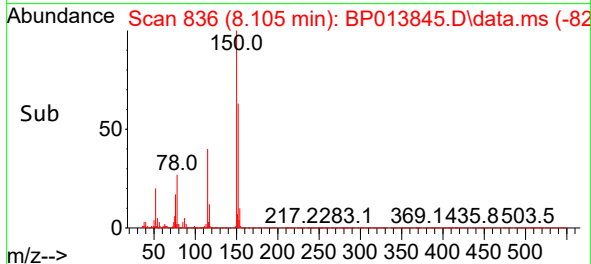
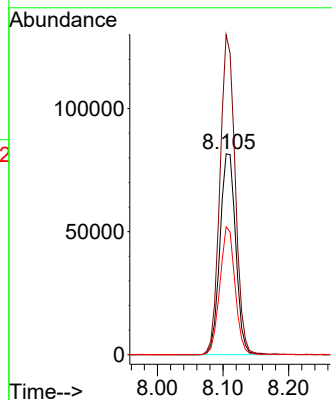
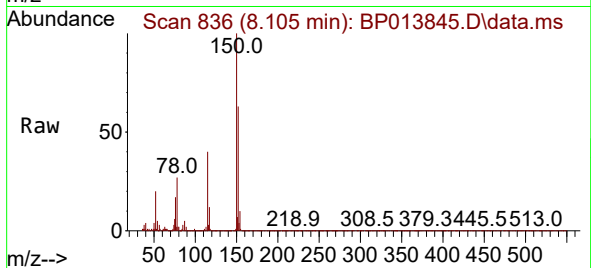




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

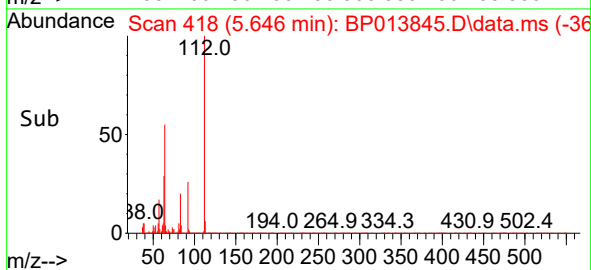
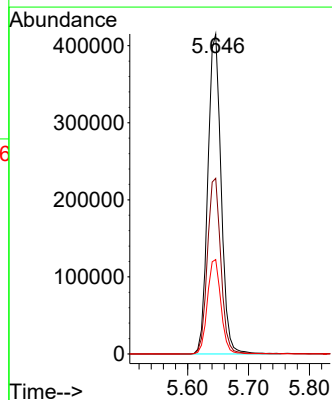
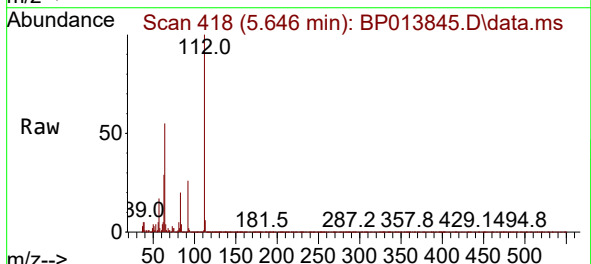
Instrument :
BNA_P
ClientSampleId :
TWP-01

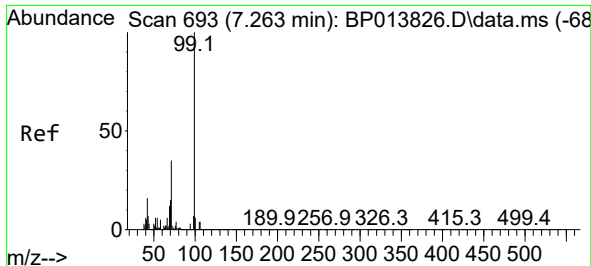
Tgt Ion:152 Resp: 135957
Ion Ratio Lower Upper
152 100
150 159.4 122.8 184.2
115 63.7 49.0 73.6



#5
2-Fluorophenol
Concen: 76.194 ng
RT: 5.646 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

Tgt Ion:112 Resp: 628543
Ion Ratio Lower Upper
112 100
64 54.9 44.6 66.8
63 29.5 23.6 35.4

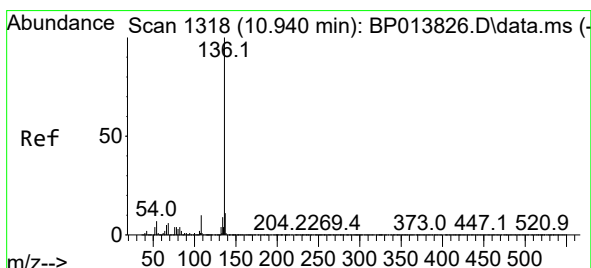
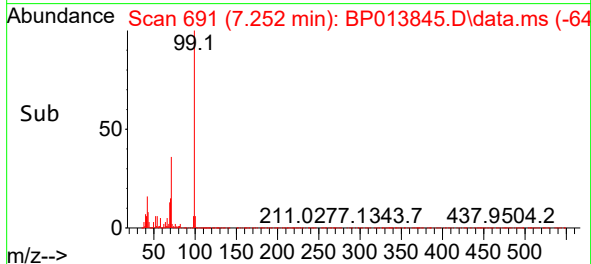
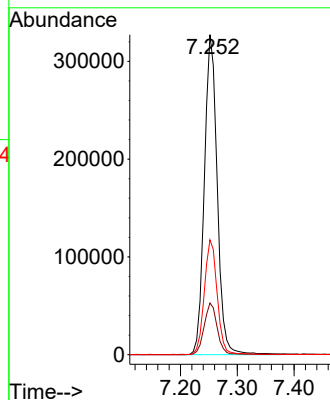
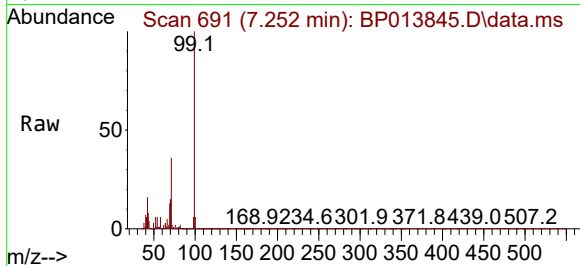




#7
Phenol-d6
Concen: 48.711 ng
RT: 7.252 min Scan# 691
Delta R.T. -0.011 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

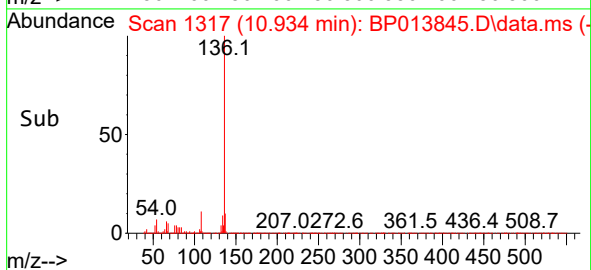
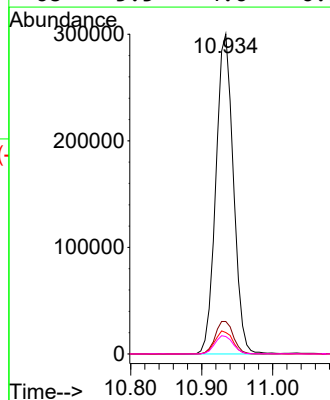
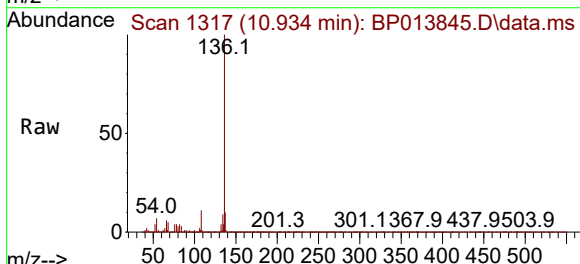
Instrument :
BNA_P
ClientSampleId :
TWP-01

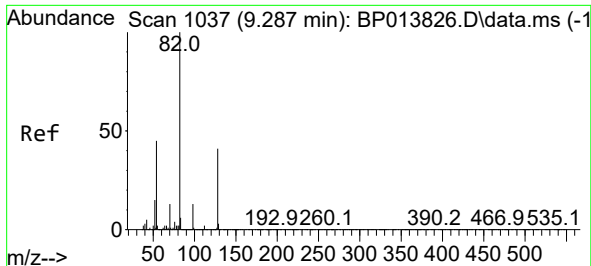
Tgt Ion:	99	Resp:	514639
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.5	18.7
71	35.9	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

Tgt Ion:	136	Resp:	511773
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	6.7	5.8	8.6
68	5.5	4.6	6.8

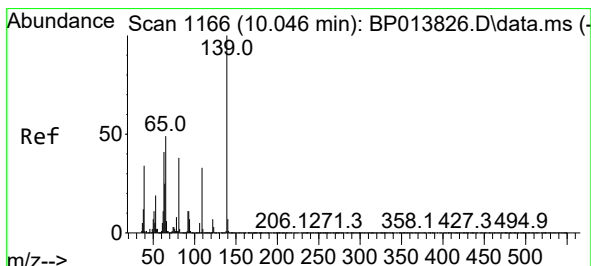
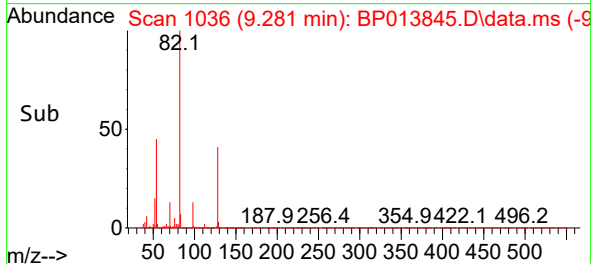
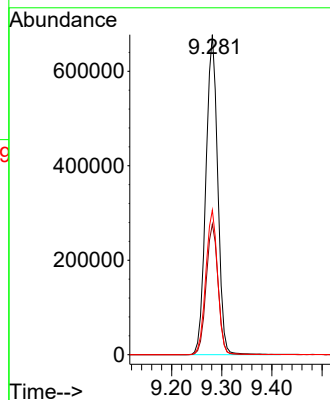
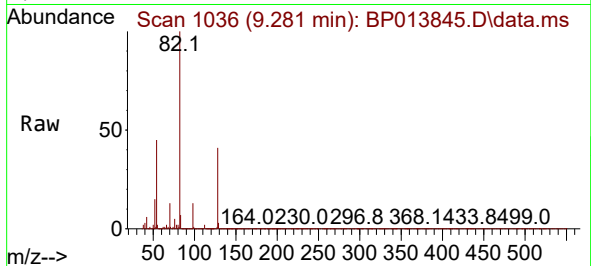




#23
Nitrobenzene-d5
Concen: 117.514 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

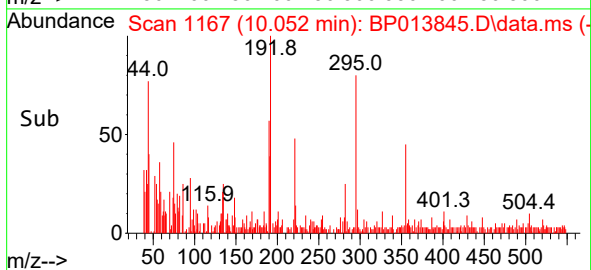
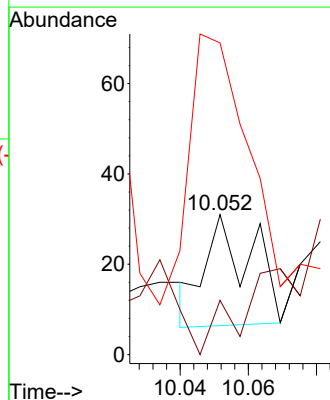
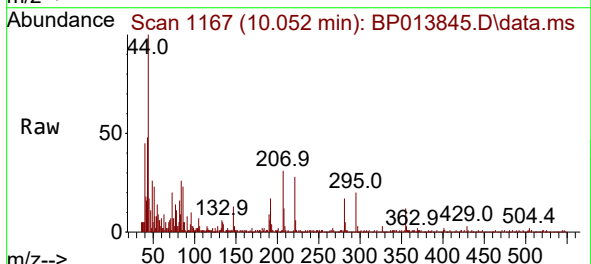
Instrument :
BNA_P
ClientSampleId :
TWP-01

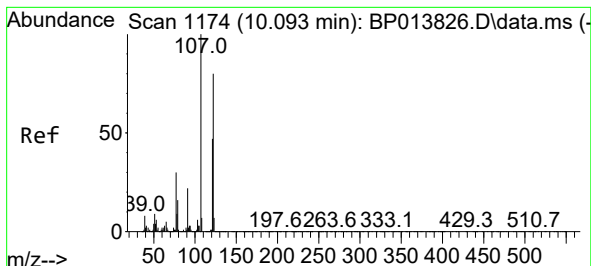
Tgt Ion: 82 Resp: 1113716
Ion Ratio Lower Upper
82 100
128 40.8 32.9 49.3
54 45.2 35.6 53.4



#26
2-Nitrophenol
Concen: 2.773 ng
RT: 10.052 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

Tgt Ion:139 Resp: 23
Ion Ratio Lower Upper
139 100
109 38.7 26.7 40.1
65 222.6 39.4 59.2#





#27

2,4-Dimethylphenol

Concen: 8.546 ng

RT: 10.169 min Scan# 1187

Delta R.T. 0.076 min

Lab File: BP013845.D

Acq: 17 Feb 2023 15:05

Instrument :

BNA_P

ClientSampleId :

TWP-01

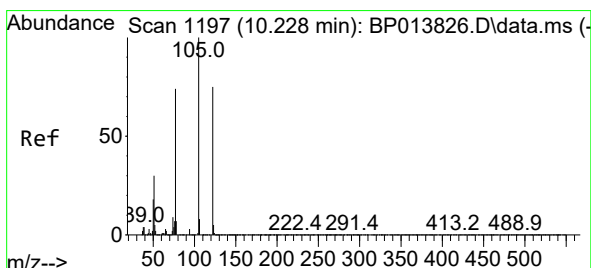
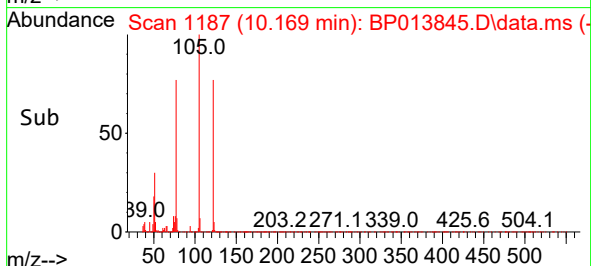
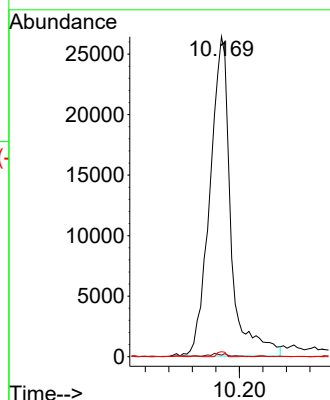
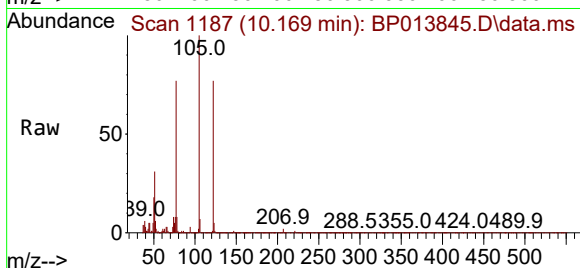
Tgt Ion:122 Resp: 65274

Ion Ratio Lower Upper

122 100

107 0.5 100.0 150.0#

121 1.6 47.2 70.8#



#32

Benzoic acid

Concen: 14.768 ng

RT: 10.169 min Scan# 1187

Delta R.T. -0.059 min

Lab File: BP013845.D

Acq: 17 Feb 2023 15:05

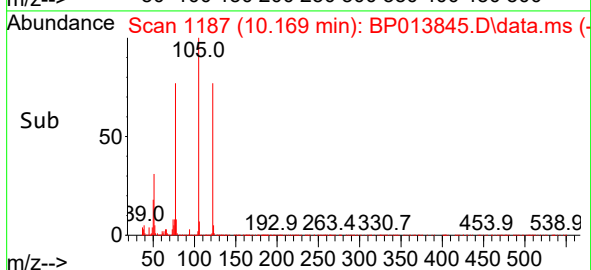
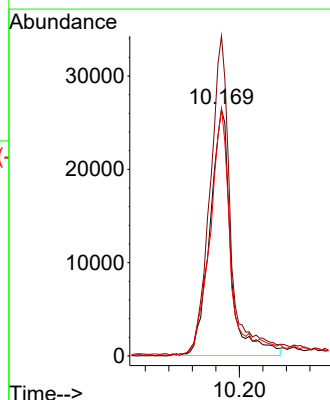
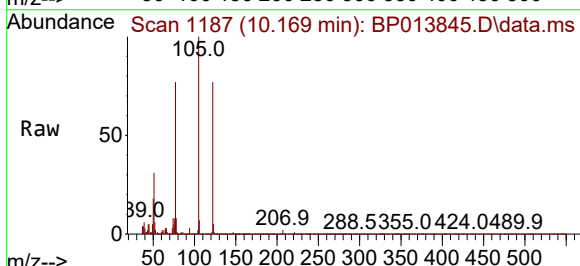
Tgt Ion:122 Resp: 65274

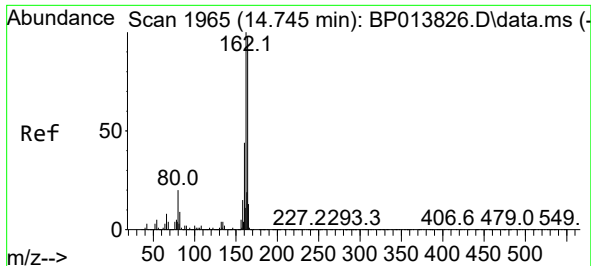
Ion Ratio Lower Upper

122 100

105 129.7 107.4 147.4

77 100.3 76.0 116.0

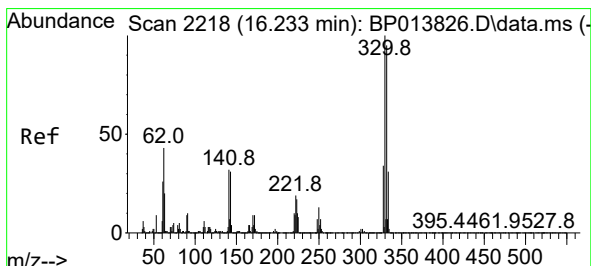
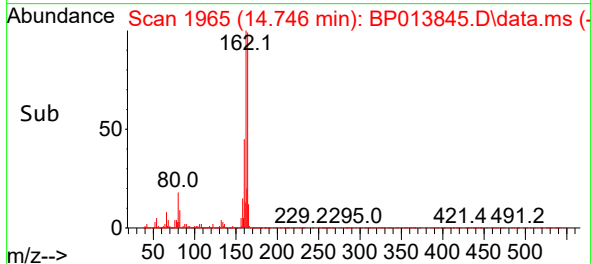
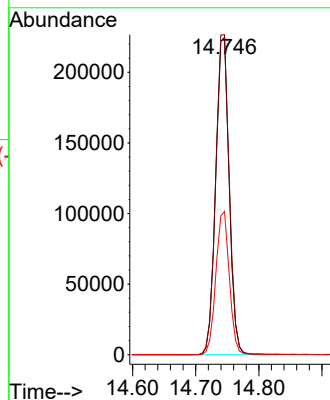
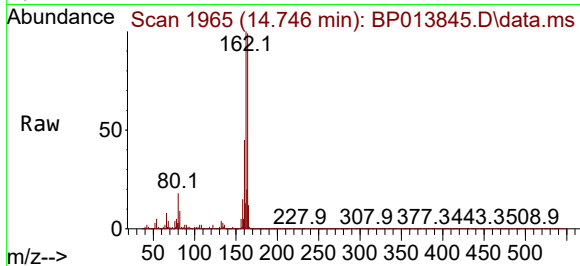




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.746 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

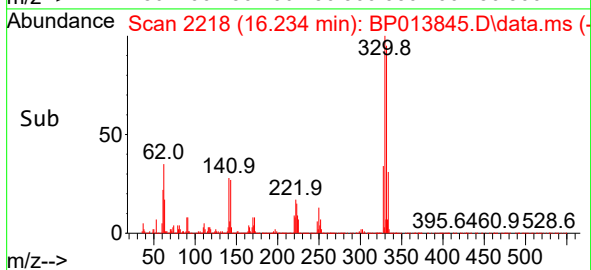
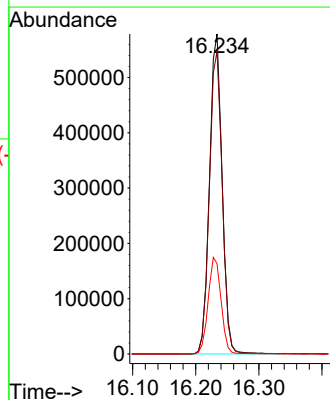
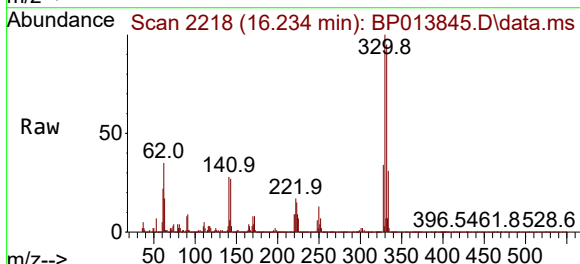
Instrument :
BNA_P
ClientSampleId :
TWP-01

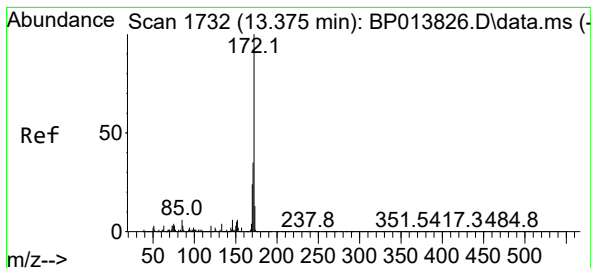
Tgt Ion:164 Resp: 332016
Ion Ratio Lower Upper
164 100
162 100.8 81.7 122.5
160 45.1 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 166.698 ng
RT: 16.234 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

Tgt Ion:330 Resp: 805661
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 31.0 25.1 37.7





#45

2-Fluorobiphenyl

Concen: 104.730 ng

RT: 13.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013845.D

Acq: 17 Feb 2023 15:05

Instrument :

BNA_P

ClientSampleId :

TWP-01

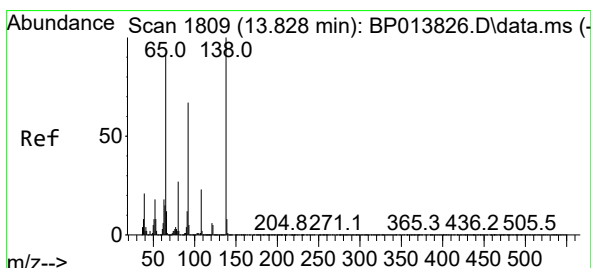
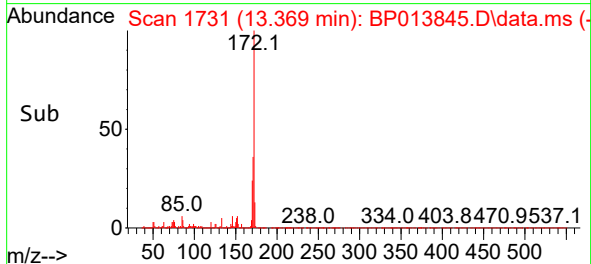
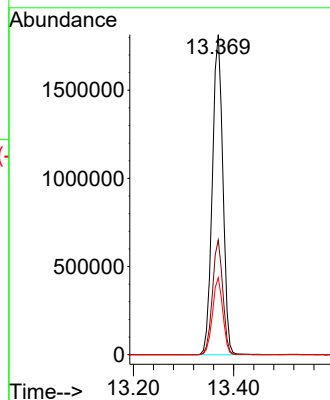
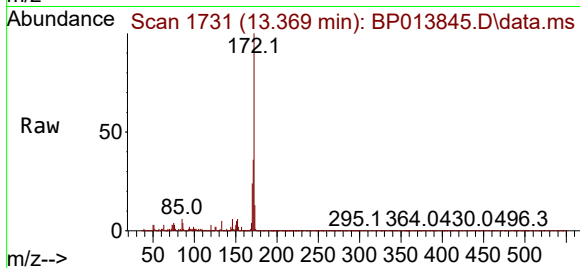
Tgt Ion:172 Resp: 2647355

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 24.0 19.0 28.4



#48

2-Nitroaniline

Concen: 3.236 ng

RT: 13.828 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BP013845.D

Acq: 17 Feb 2023 15:05

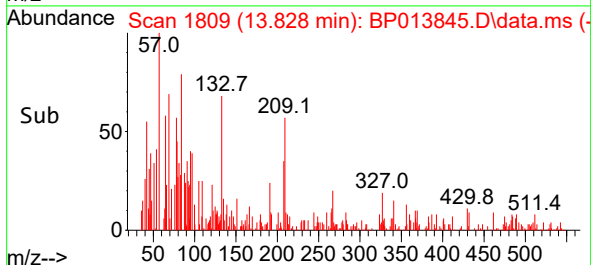
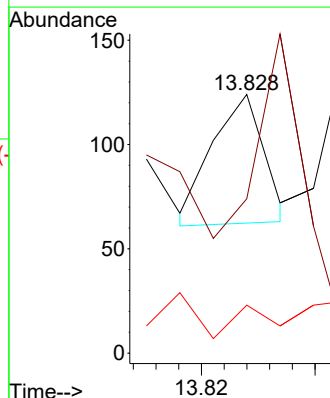
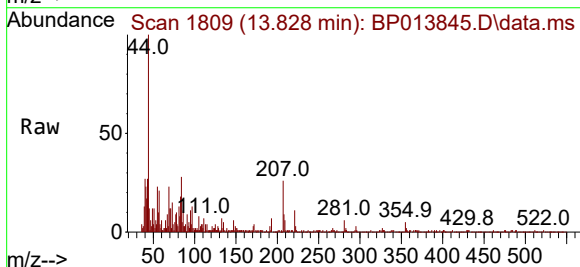
Tgt Ion: 65 Resp: 40

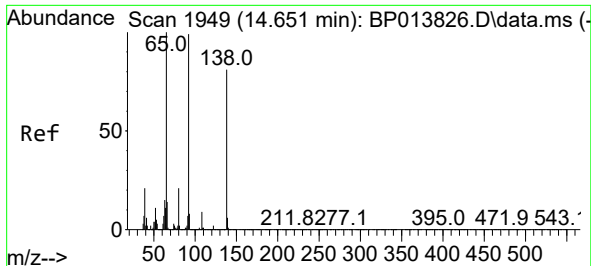
Ion Ratio Lower Upper

65 100

92 59.7 58.7 88.1

138 18.5 87.3 130.9#

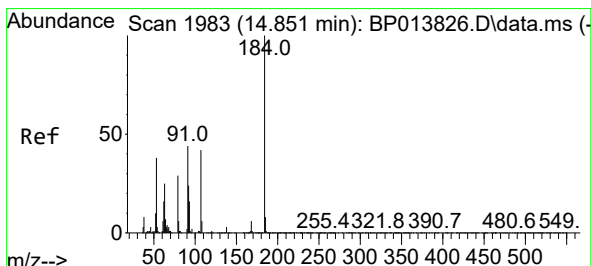
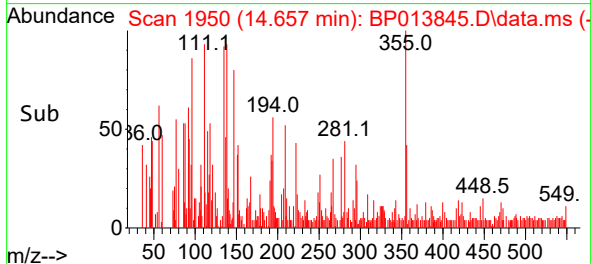
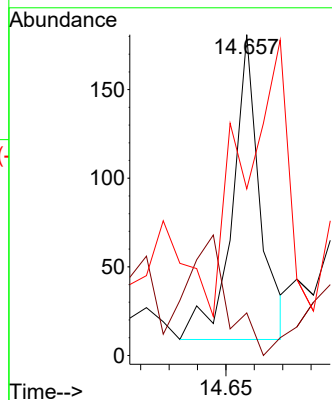
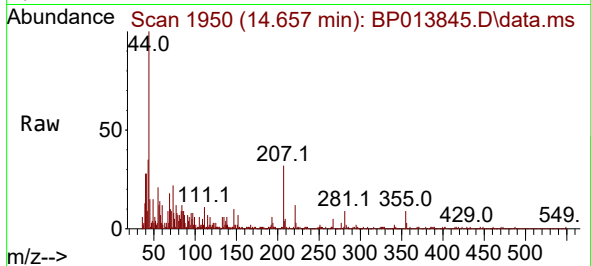




#53
3-Nitroaniline
Concen: 2.026 ng
RT: 14.657 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

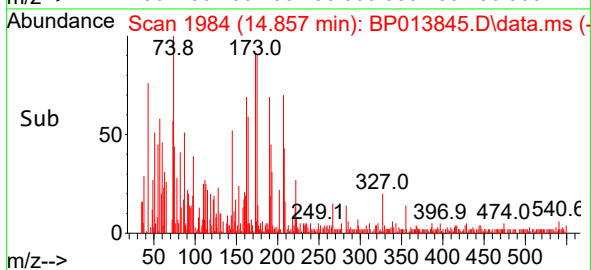
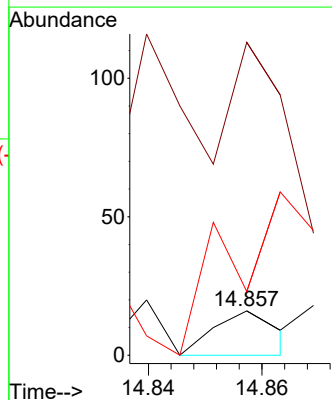
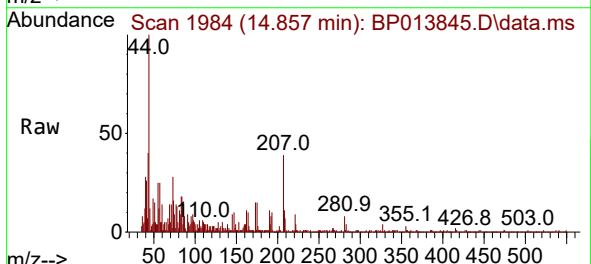
Instrument :
BNA_P
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TWP-01

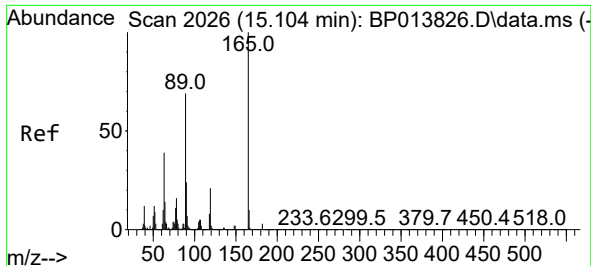
Tgt Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
108 13.3 9.0 13.4
92 51.9 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.265 ng
RT: 14.857 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 706.3 47.0 70.4#
154 143.8 51.5 77.3#

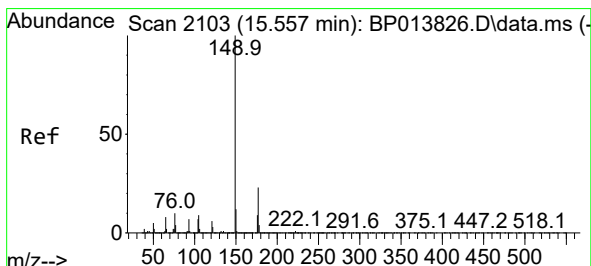
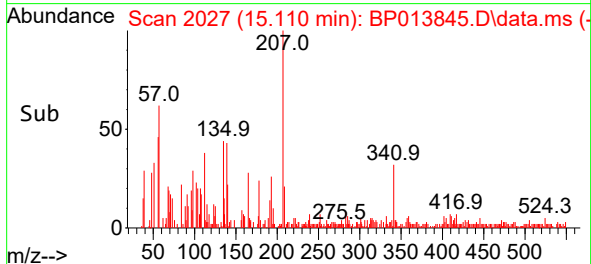
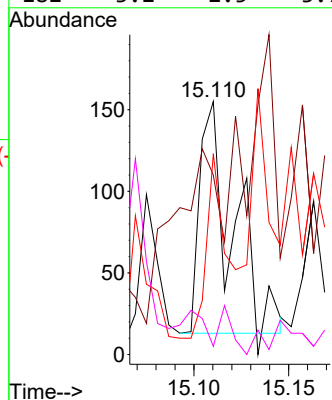
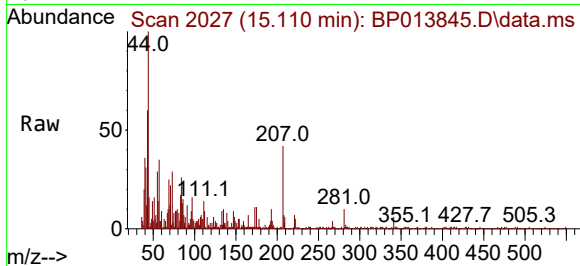




#57
2,4-Dinitrotoluene
Concen: 2.301 ng
RT: 15.110 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

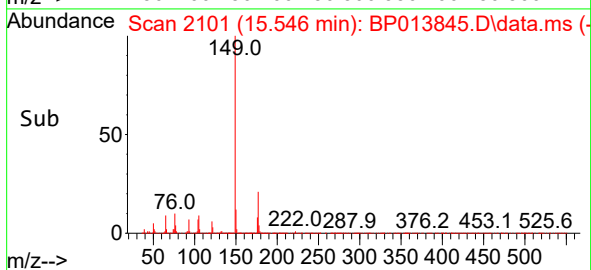
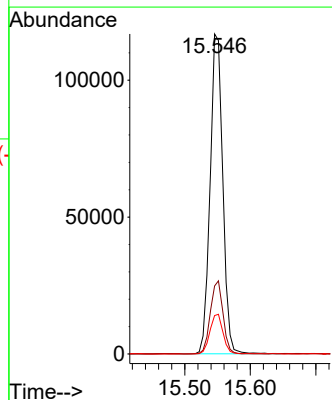
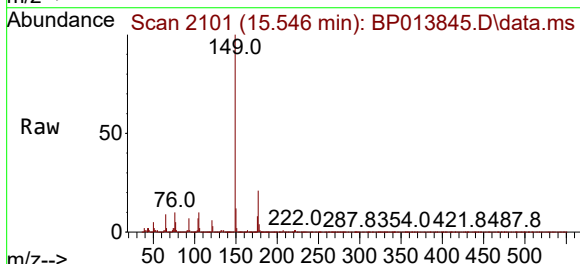
Instrument :
BNA_P
ClientSampleId :
TWP-01

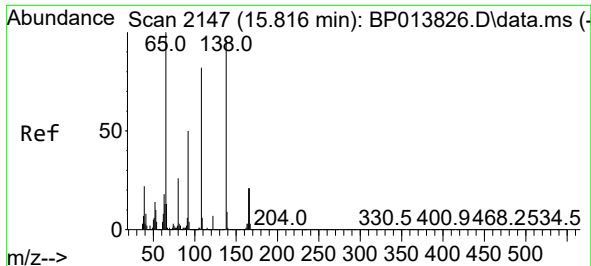
Tgt Ion:165 Resp: 169
Ion Ratio Lower Upper
165 100
63 71.0 31.1 46.7#
89 88.4 54.9 82.3#
182 3.2 2.5 3.7



#60
Diethylphthalate
Concen: 5.970 ng
RT: 15.546 min Scan# 2101
Delta R.T. -0.011 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

Tgt Ion:149 Resp: 157282
Ion Ratio Lower Upper
149 100
177 21.2 18.4 27.6
150 12.0 9.8 14.8

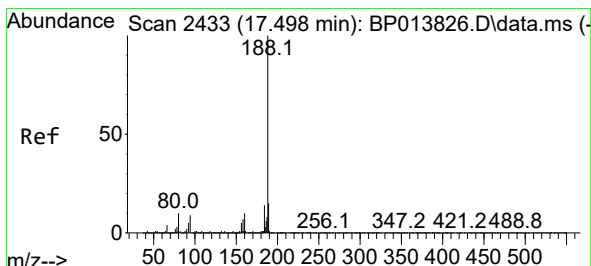
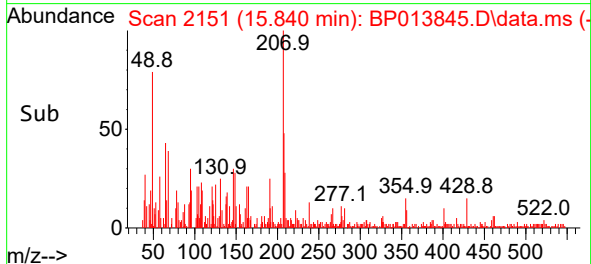
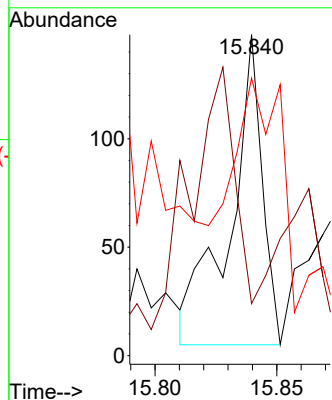
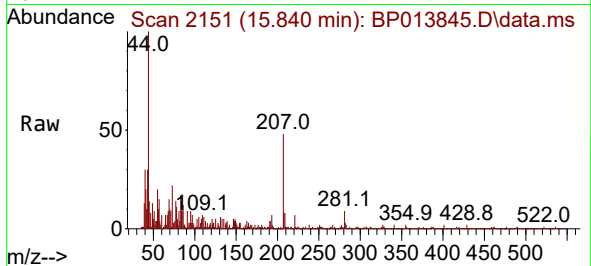




#62
4-Nitroaniline
Concen: 2.567 ng
RT: 15.840 min Scan# 2147
Delta R.T. 0.024 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

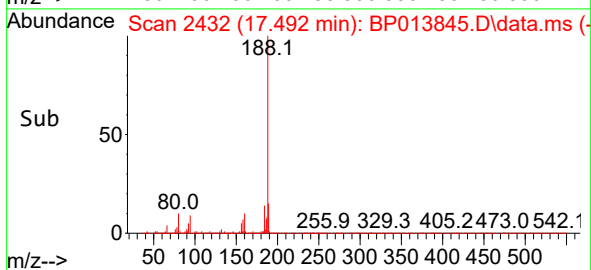
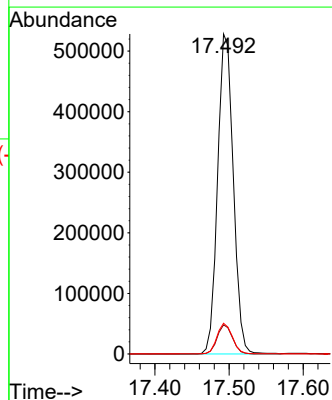
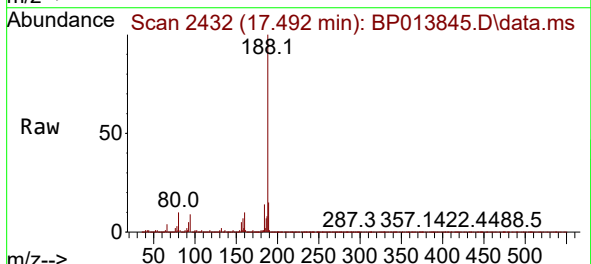
Instrument :
BNA_P
ClientSampleId :
TWP-01

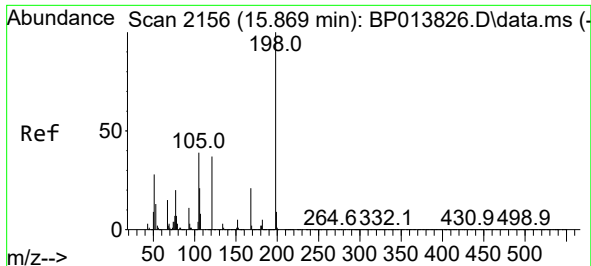
Tgt Ion:138 Resp: 131
Ion Ratio Lower Upper
138 100
92 16.2 32.0 72.0#
108 86.5 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

Tgt Ion:188 Resp: 774757
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.6 7.8 11.8

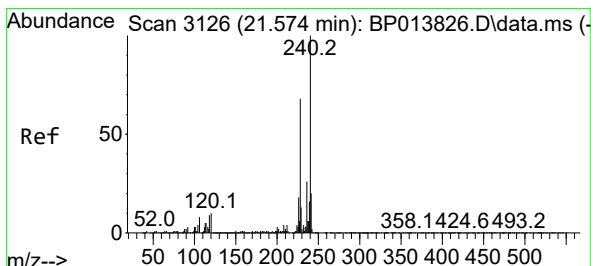
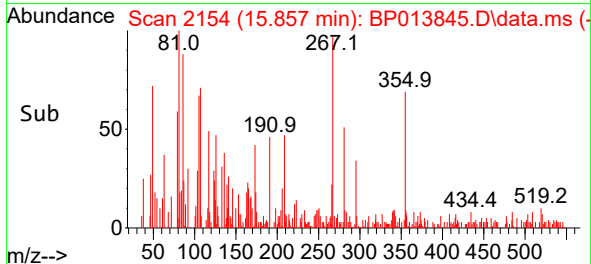
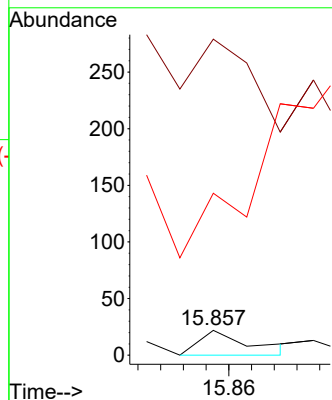
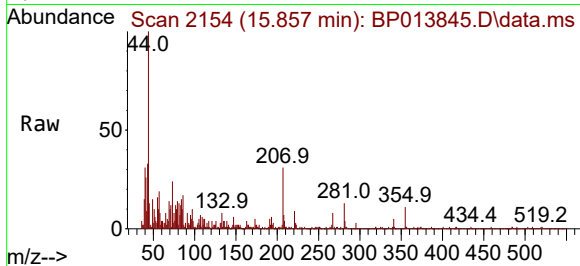




#65
4,6-Dinitro-2-methylphenol
Concen: 4.626 ng
RT: 15.857 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

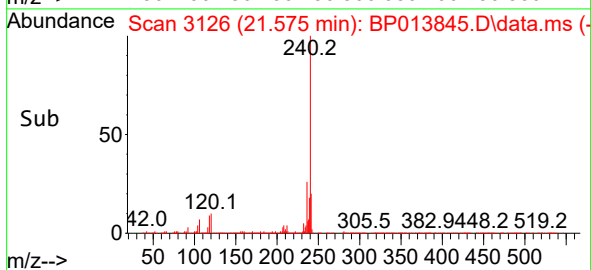
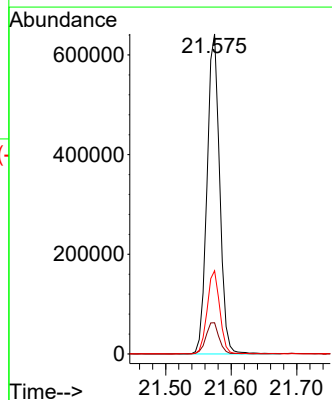
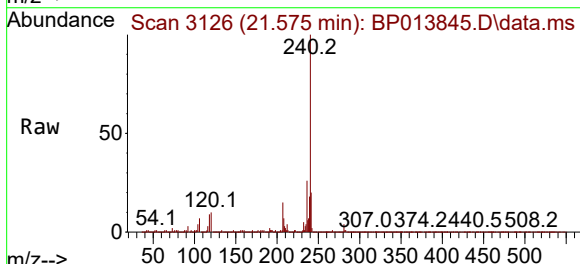
Instrument :
BNA_P
ClientSampleId :
TWP-01

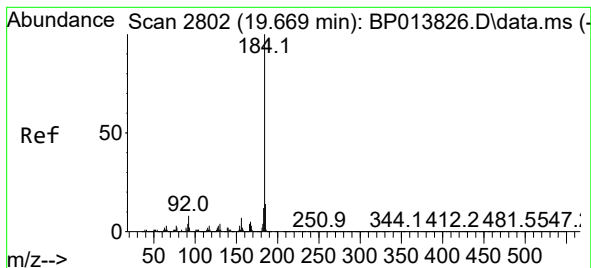
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 1268.2 14.3 54.3#
105 650.0 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BP013845.D
Acq: 17 Feb 2023 15:05

Tgt Ion:240 Resp: 860933
Ion Ratio Lower Upper
240 100
120 9.7 7.9 11.9
236 26.0 20.9 31.3





#77

Benzidine

Concen: 2.290 ng

RT: 19.663 min Scan# 2801

Delta R.T. -0.006 min

Lab File: BP013845.D

Acq: 17 Feb 2023 15:05

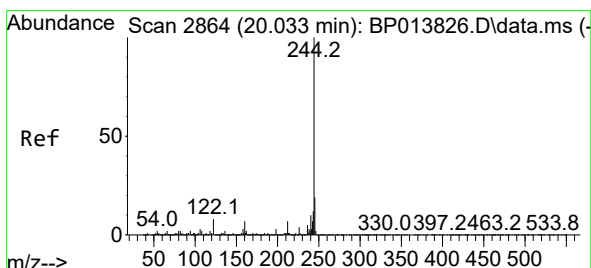
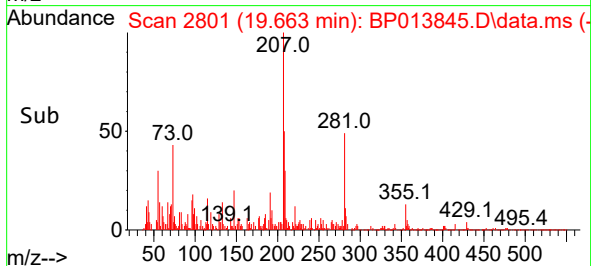
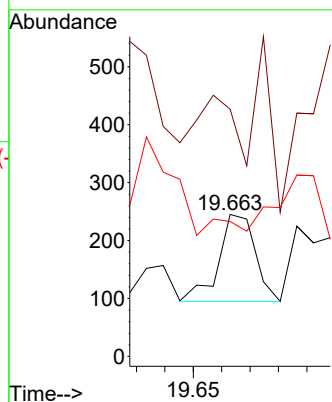
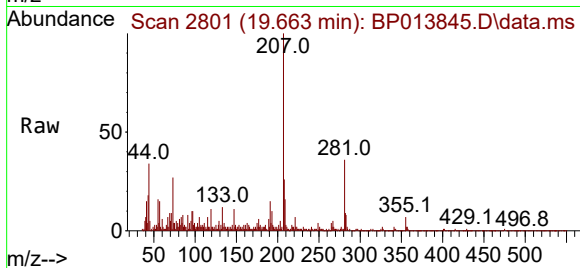
Instrument :

BNA_P

ClientSampleId :

TWP-01

Tgt Ion:184	Resp:	134
Ion Ratio	Lower	Upper
184	100	
185	174.3	11.4 17.0#
183	95.1	9.6 14.4#



#79

Terphenyl-d14

Concen: 104.201 ng

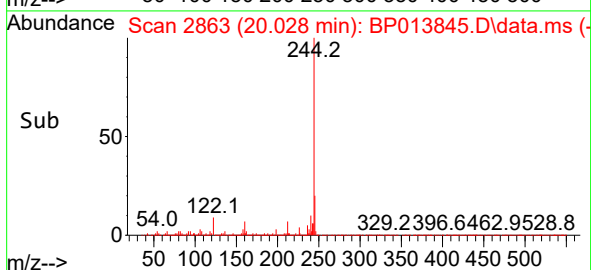
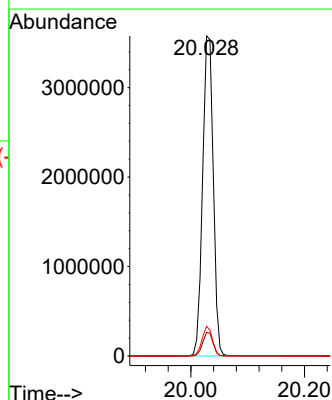
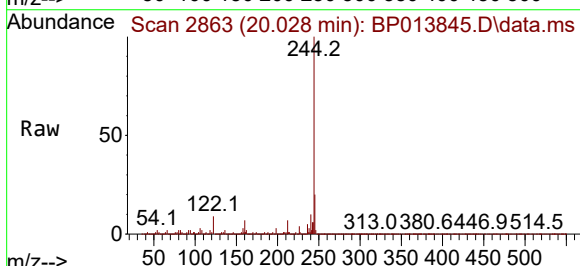
RT: 20.028 min Scan# 2863

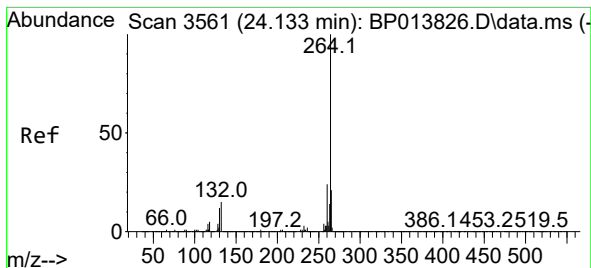
Delta R.T. -0.006 min

Lab File: BP013845.D

Acq: 17 Feb 2023 15:05

Tgt Ion:244	Resp:	4662718
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.8 8.6
122	9.2	6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.127 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013845.D

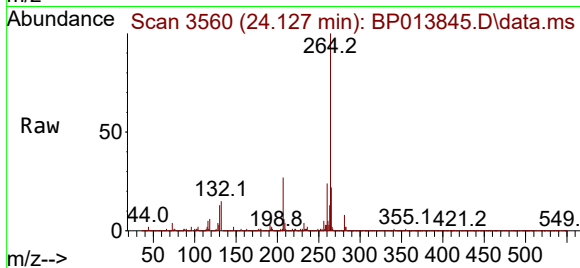
Acq: 17 Feb 2023 15:05

Instrument :

BNA_P

ClientSampleId :

TWP-01



Tgt Ion:264 Resp: 978757

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 21.7 17.6 26.4

