

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013902.D
 Acq On : 28 Feb 2023 22:20
 Operator : CG/JU
 Sample : 01700-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1R

Quant Time: Mar 01 03:49:26 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 24 16:57:00 2023
 Response via : Initial Calibration

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

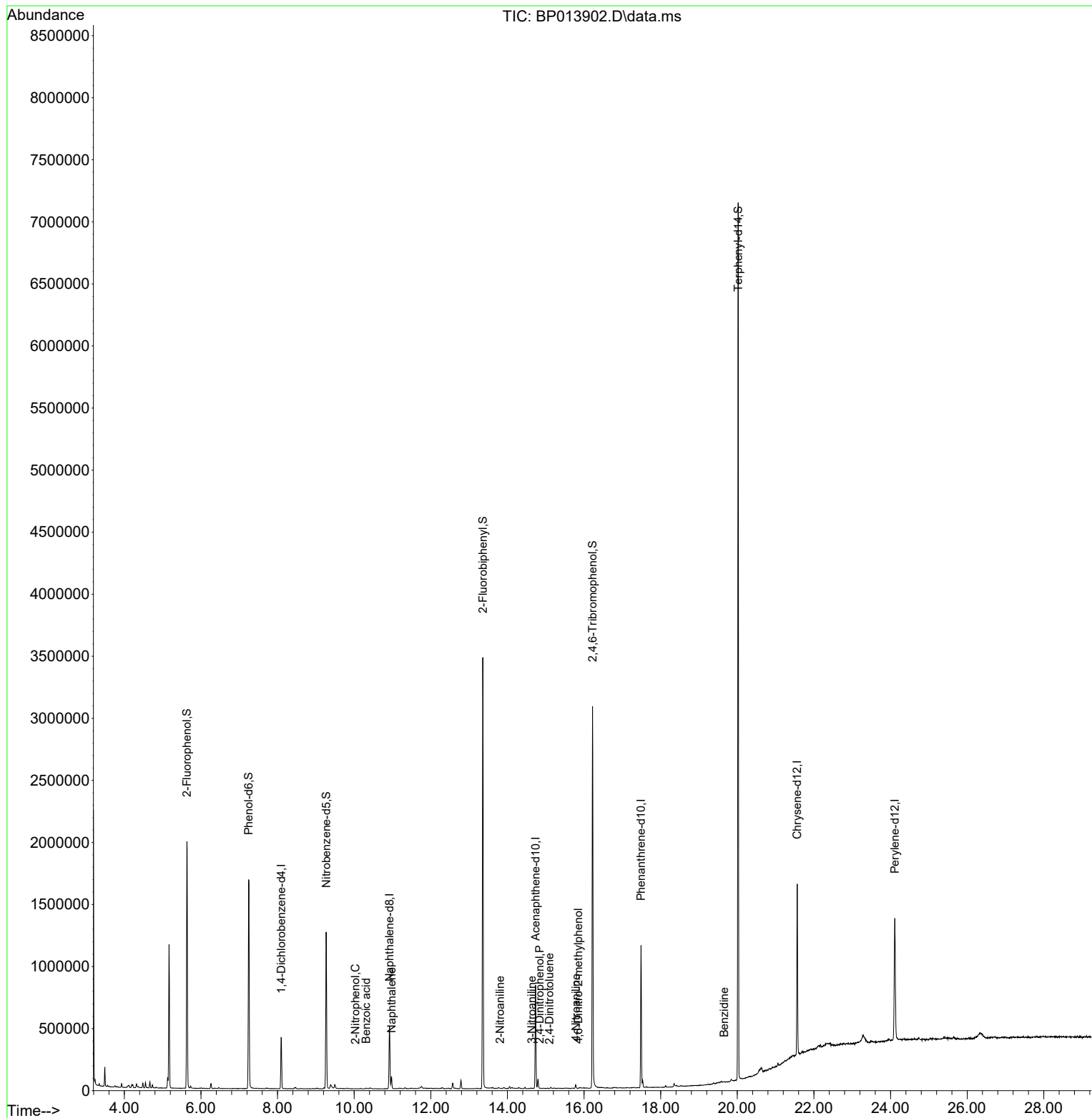
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	111868	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	415688	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	274784	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	665730	20.000	ng	0.00
76) Chrysene-d12	21.563	240	691021	20.000	ng	#-0.01
86) Perylene-d12	24.110	264	831567	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	831958	122.569	ng	0.00
7) Phenol-d6	7.246	99	958573	110.268	ng	0.00
23) Nitrobenzene-d5	9.269	82	726611	94.390	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	625832	156.460	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1714838	81.969	ng	-0.01
79) Terphenyl-d14	20.022	244	3197761	89.034	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	10.034	139	21	2.774	ng	# 5
31) Naphthalene	10.975	128	76795	3.370	ng	99
32) Benzoic acid	10.310	122	36	5.082	ng	# 1
48) 2-Nitroaniline	13.804	65	102	3.250	ng	# 7
53) 3-Nitroaniline	14.634	138	48	2.017	ng	# 40
54) 2,4-Dinitrophenol	14.840	184	4	5.263	ng	# 1
57) 2,4-Dinitrotoluene	15.092	165	65	2.290	ng	# 64
62) 4-Nitroaniline	15.787	138	210	2.585	ng	# 55
65) 4,6-Dinitro-2-methylph...	15.851	198	13	4.626	ng	# 1
77) Benzidine	19.657	184	41	2.286	ng	# 1

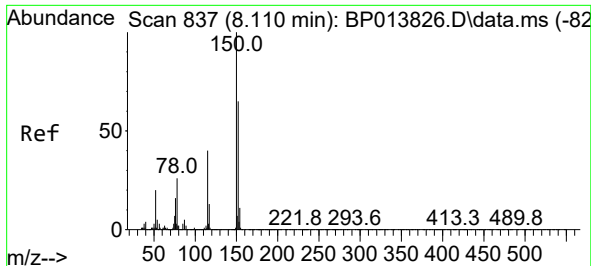
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
Data File : BP013902.D
Acq On : 28 Feb 2023 22:20
Operator : CG/JU
Sample : 01700-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Time: Mar 01 03:49:26 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 24 16:57:00 2023
Response via : Initial Calibration

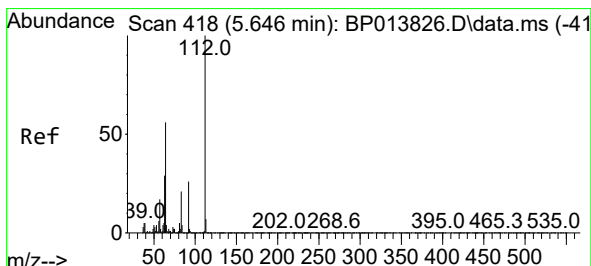
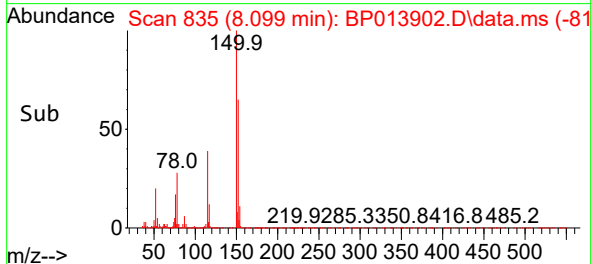
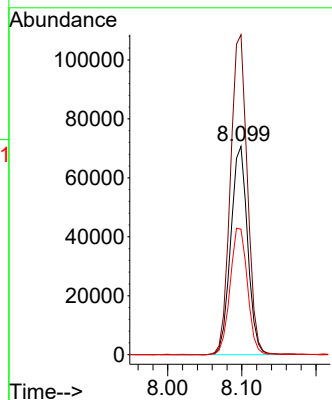
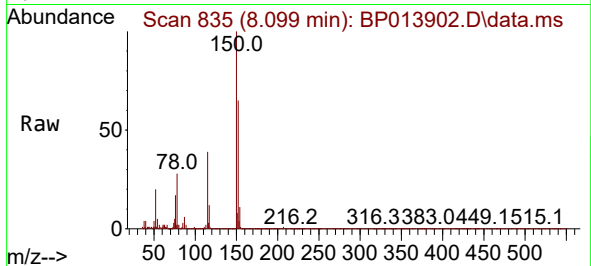




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

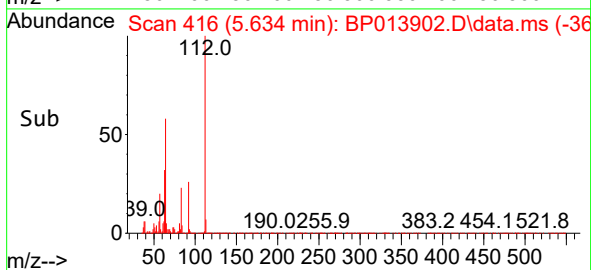
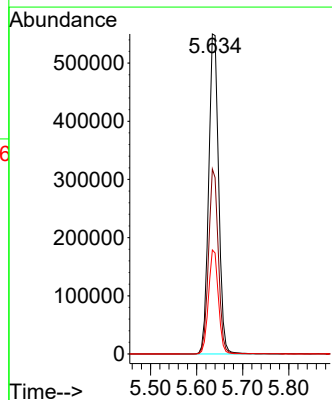
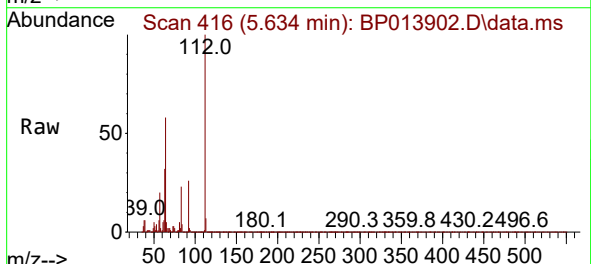
Instrument :
BNA_P
ClientSampleId :
MW-1R

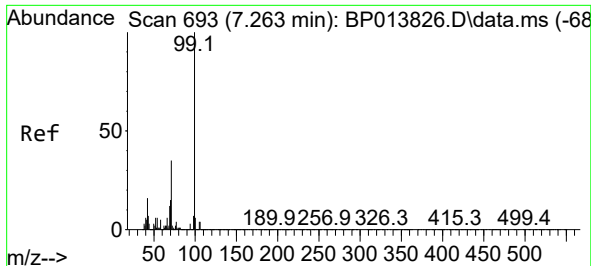
Tgt Ion:152 Resp: 111868
Ion Ratio Lower Upper
152 100
150 153.6 122.8 184.2
115 60.2 49.0 73.6



#5
2-Fluorophenol
Concen: 122.569 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

Tgt Ion:112 Resp: 831958
Ion Ratio Lower Upper
112 100
64 57.8 44.6 66.8
63 32.5 23.6 35.4

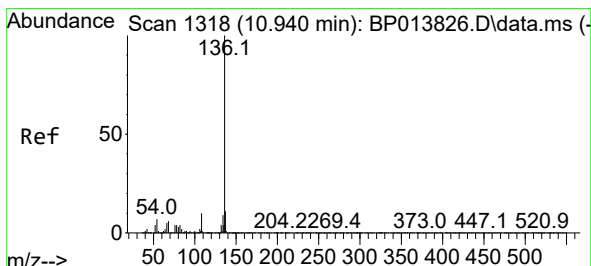
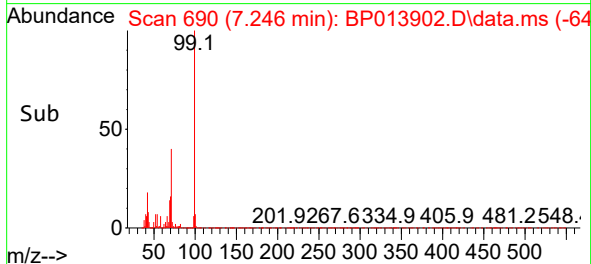
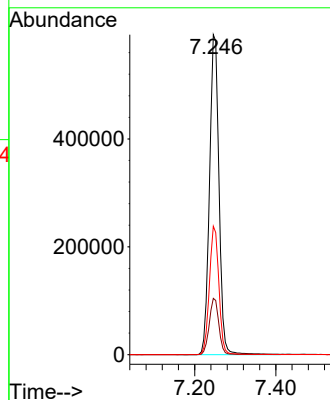
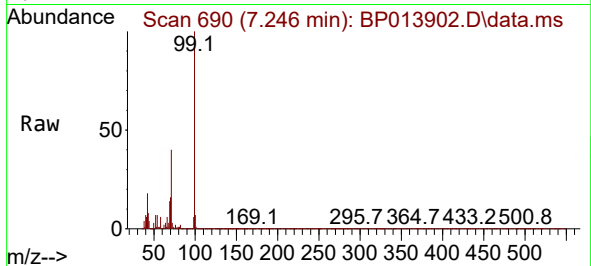




#7
Phenol-d6
Concen: 110.268 ng
RT: 7.246 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

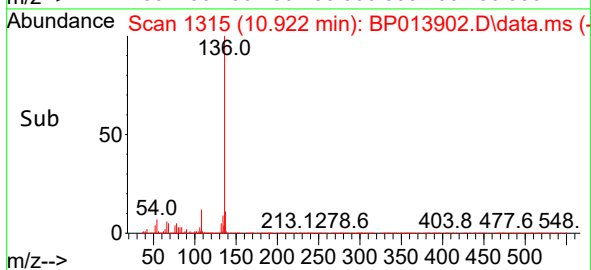
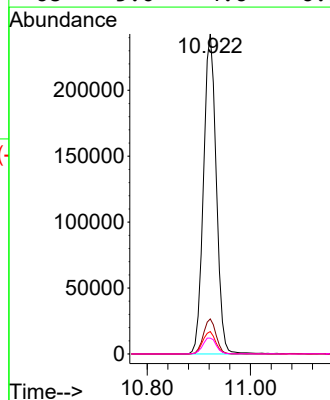
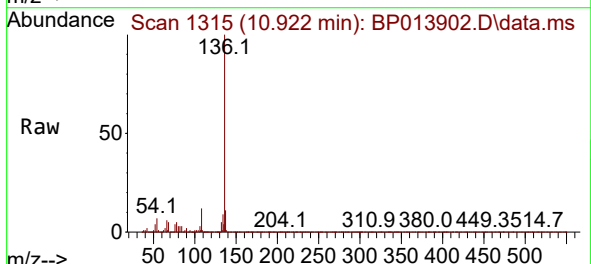
Instrument :
BNA_P
ClientSampleId :
MW-1R

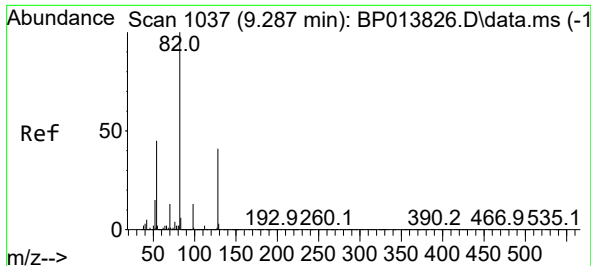
Tgt Ion:	99	Resp:	958573
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.5	18.7
71	40.2	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

Tgt Ion:	136	Resp:	415688
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.0	5.8	8.6
68	5.0	4.6	6.8

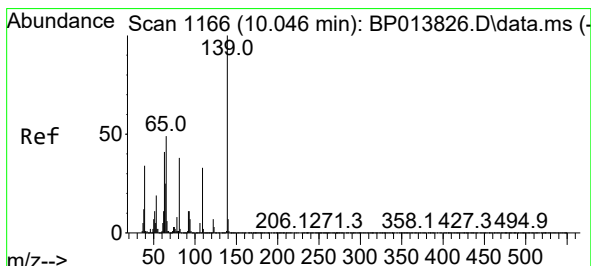
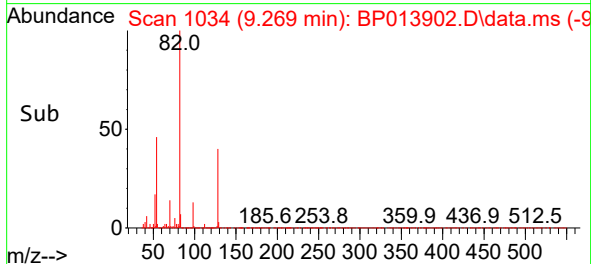
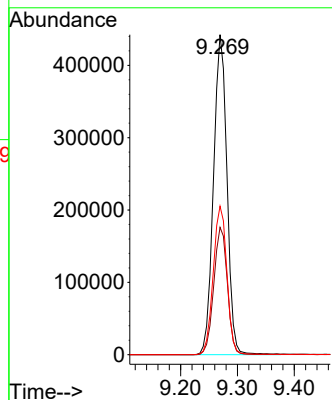
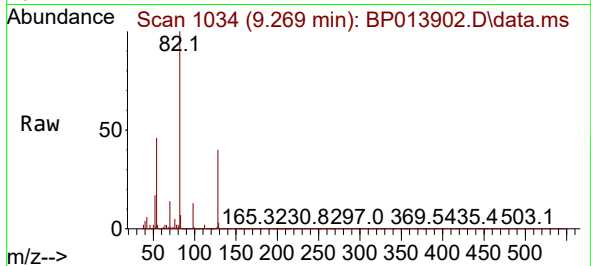




#23
Nitrobenzene-d5
Concen: 94.390 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

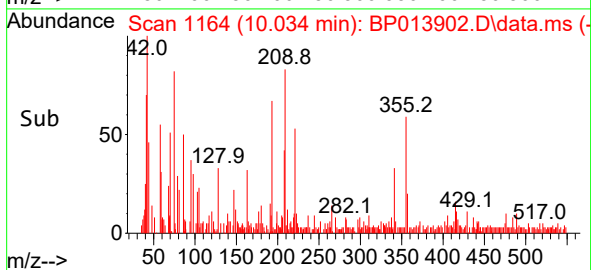
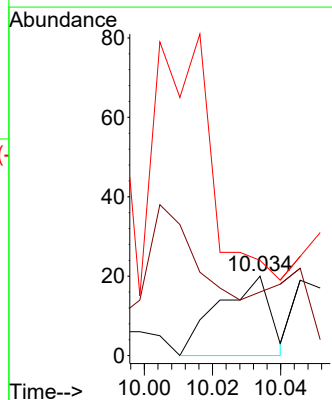
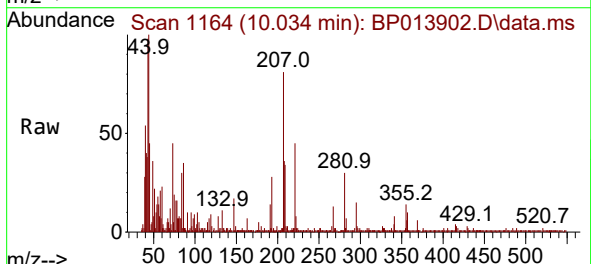
Instrument :
BNA_P
ClientSampleId :
MW-1R

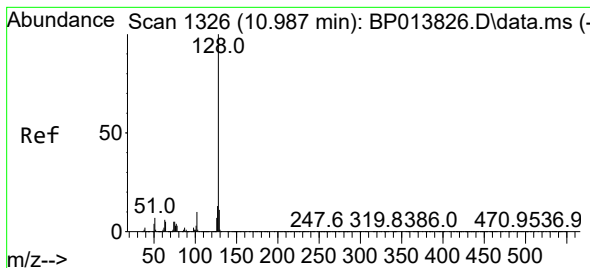
Tgt Ion: 82 Resp: 726611
Ion Ratio Lower Upper
82 100
128 39.8 32.9 49.3
54 46.4 35.6 53.4



#26
2-Nitrophenol
Concen: 2.774 ng
RT: 10.034 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

Tgt Ion:139 Resp: 21
Ion Ratio Lower Upper
139 100
109 80.0 26.7 40.1#
65 120.0 39.4 59.2#





#31

Naphthalene

Concen: 3.370 ng

RT: 10.975 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

MW-1R

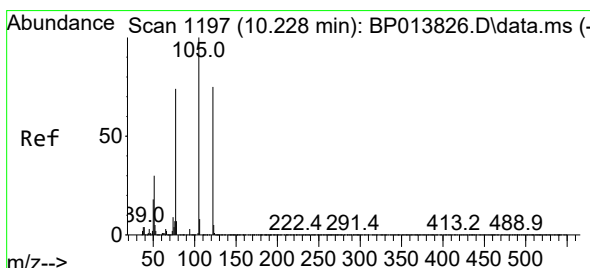
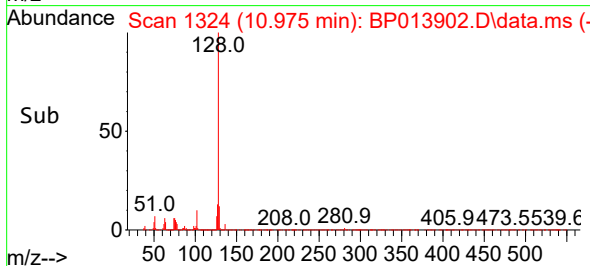
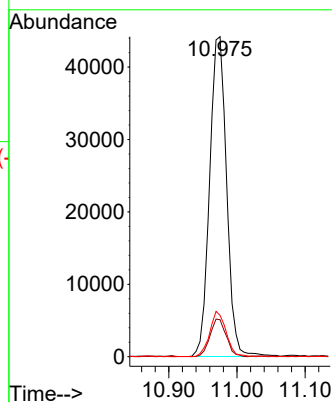
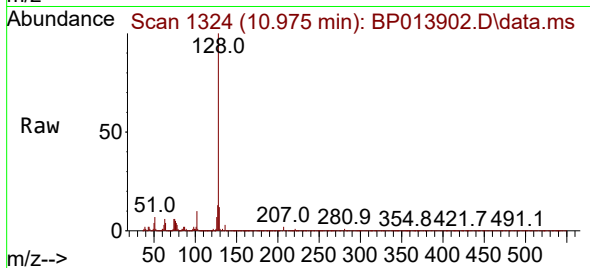
Tgt Ion:128 Resp: 76795

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

127 12.9 10.4 15.6



#32

Benzoic acid

Concen: 5.082 ng

RT: 10.310 min Scan# 1211

Delta R.T. 0.094 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

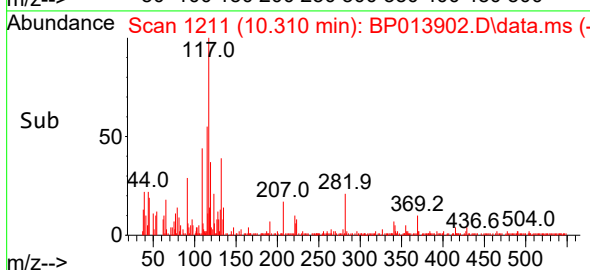
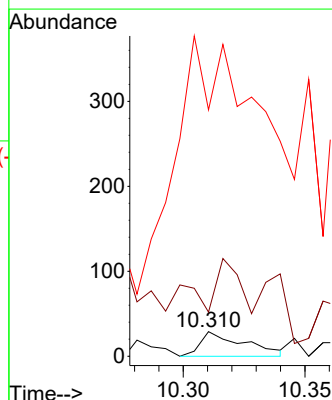
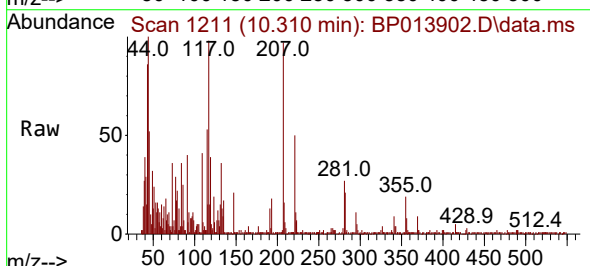
Tgt Ion:122 Resp: 36

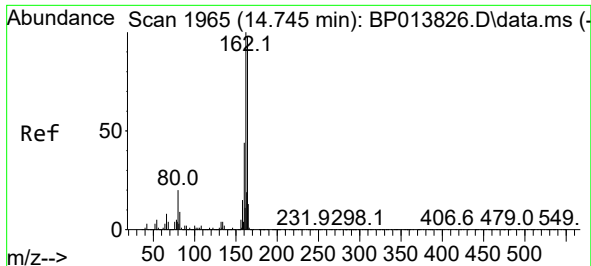
Ion Ratio Lower Upper

122 100

105 179.3 107.4 147.4#

77 1000.0 76.0 116.0#

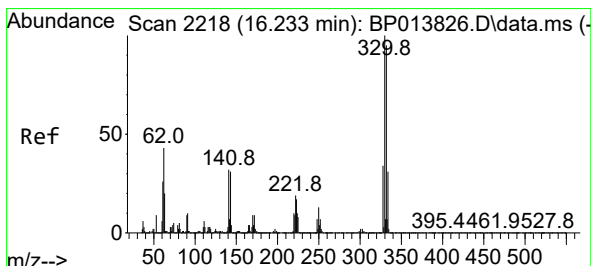
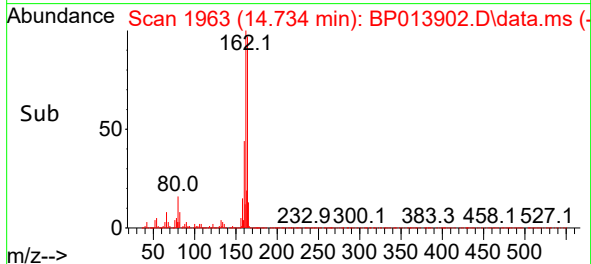
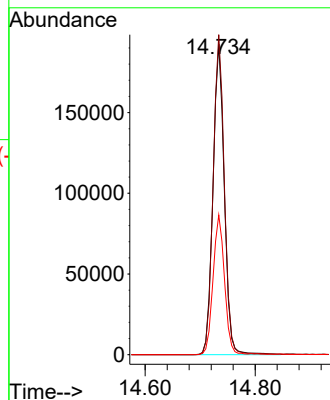
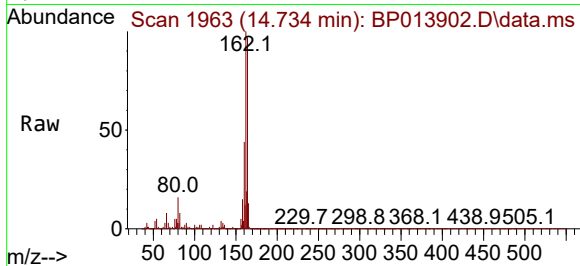




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

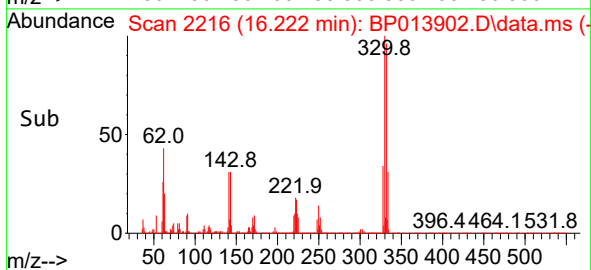
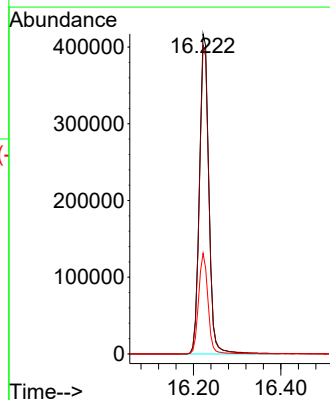
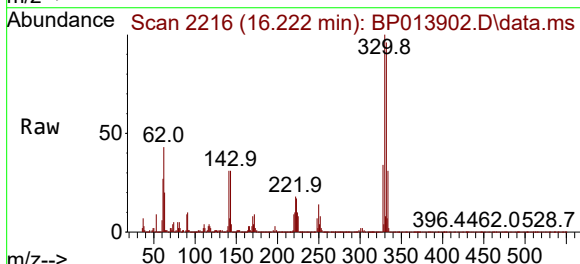
Instrument :
BNA_P
ClientSampleId :
MW-1R

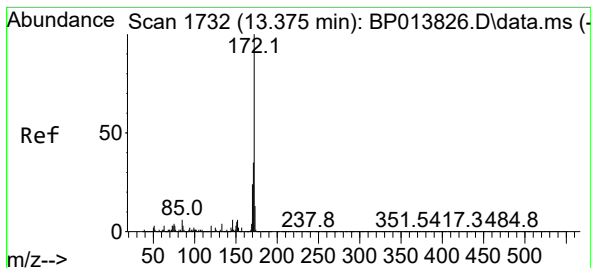
Tgt Ion:164 Resp: 274784
Ion Ratio Lower Upper
164 100
162 103.0 81.7 122.5
160 45.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 156.460 ng
RT: 16.222 min Scan# 2216
Delta R.T. -0.012 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

Tgt Ion:330 Resp: 625832
Ion Ratio Lower Upper
330 100
332 97.4 76.7 115.1
141 31.3 25.1 37.7





#45

2-Fluorobiphenyl

Concen: 81.969 ng

RT: 13.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

MW-1R

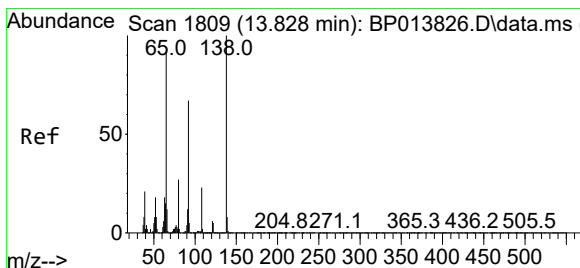
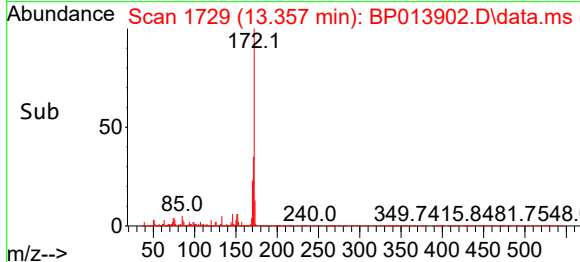
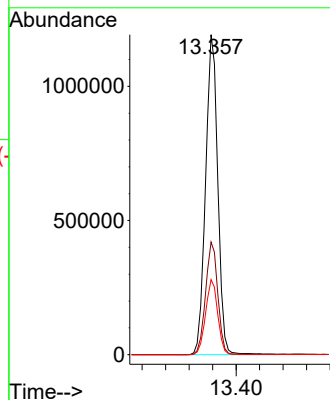
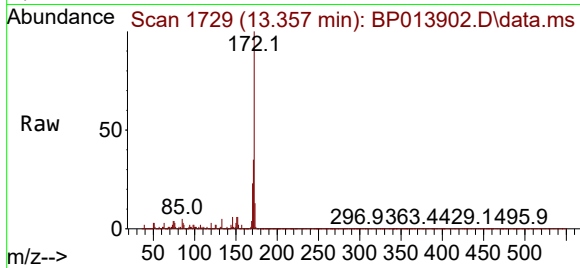
Tgt Ion:172 Resp: 1714838

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.4 19.0 28.4



#48

2-Nitroaniline

Concen: 3.250 ng

RT: 13.804 min Scan# 1805

Delta R.T. -0.017 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

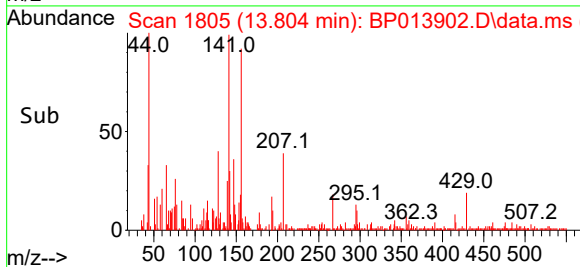
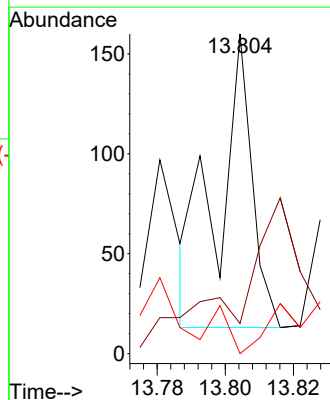
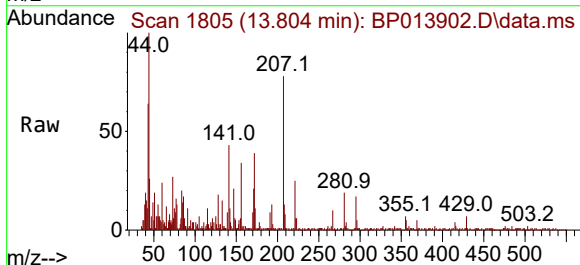
Tgt Ion: 65 Resp: 102

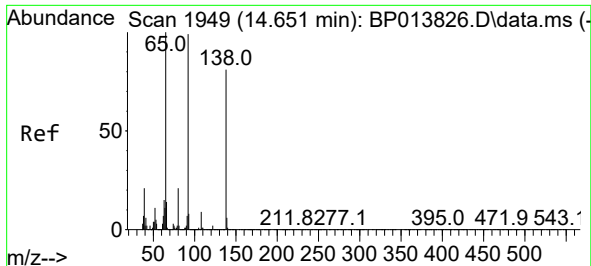
Ion Ratio Lower Upper

65 100

92 9.4 58.7 88.1#

138 0.0 87.3 130.9#

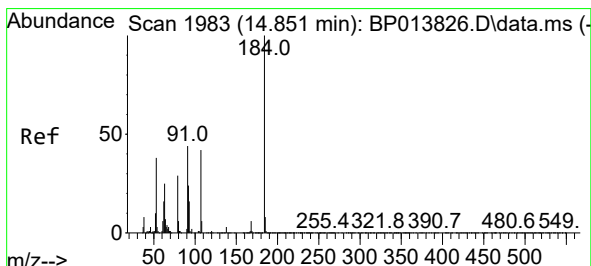
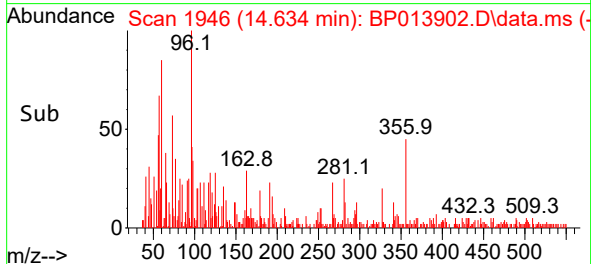
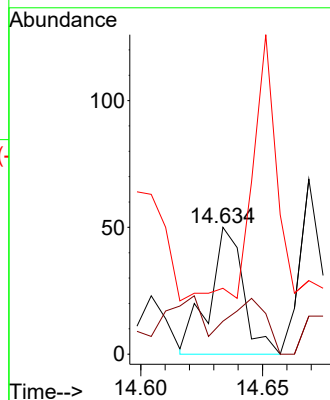
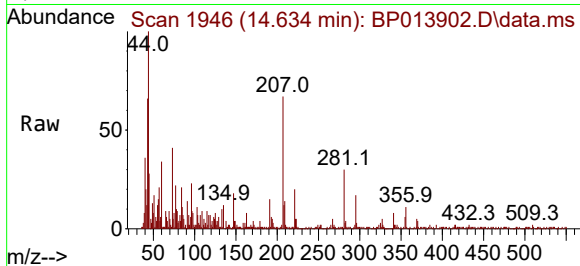




#53
3-Nitroaniline
Concen: 2.017 ng
RT: 14.634 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

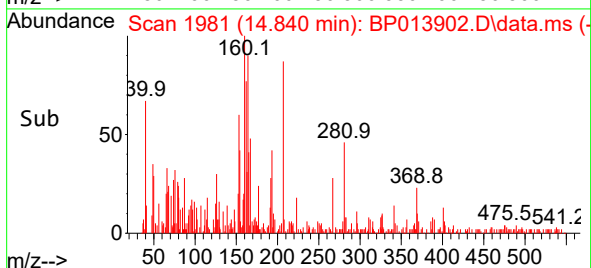
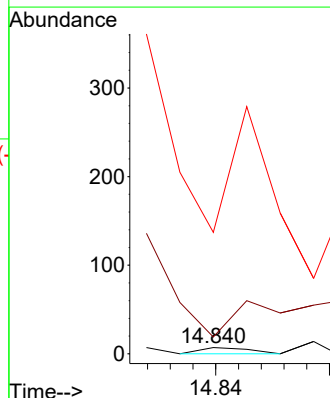
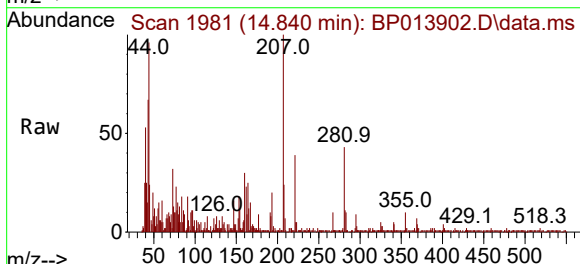
Instrument :
BNA_P
ClientSampleId :
MW-1R

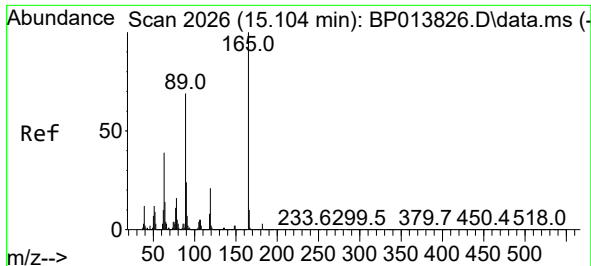
Tgt Ion:138 Resp: 48
Ion Ratio Lower Upper
138 100
108 26.0 9.0 13.4#
92 52.0 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.263 ng
RT: 14.840 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

Tgt Ion:184 Resp: 4
Ion Ratio Lower Upper
184 100
63 271.4 47.0 70.4#
154 1957.1 51.5 77.3#

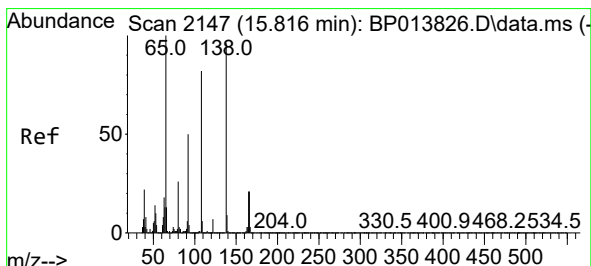
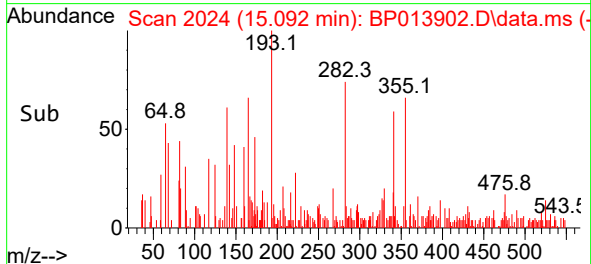
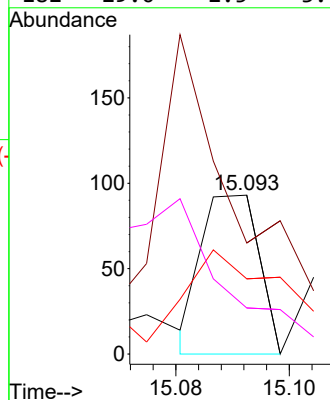
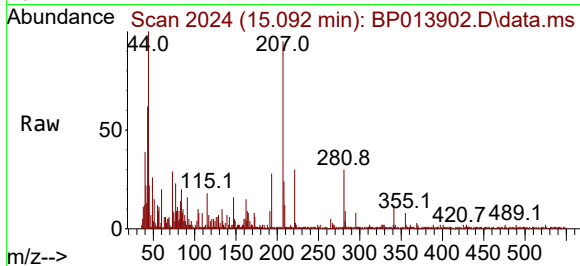




#57
2,4-Dinitrotoluene
Concen: 2.290 ng
RT: 15.092 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

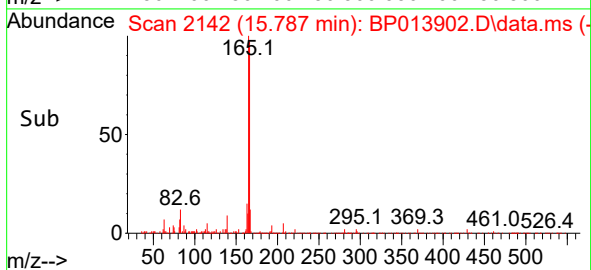
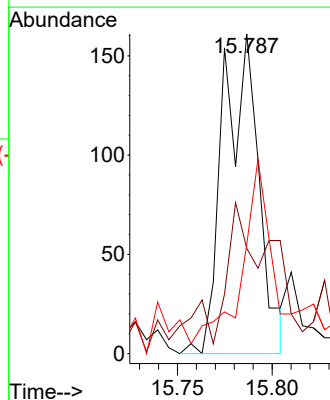
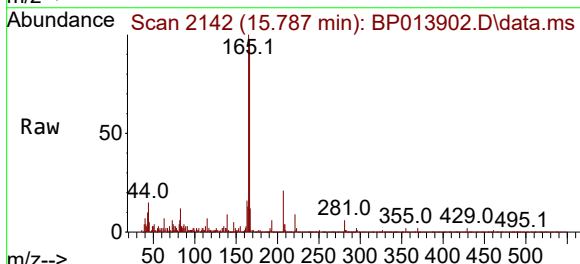
Instrument :
BNA_P
ClientSampleId :
MW-1R

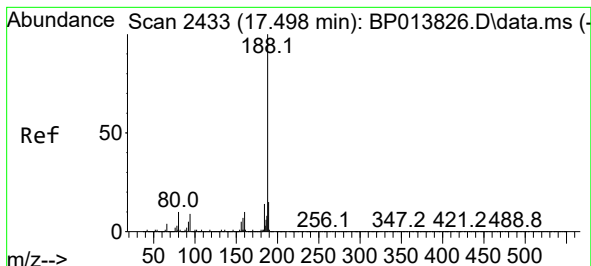
Tgt Ion:165 Resp: 65
Ion Ratio Lower Upper
165 100
63 69.9 31.1 46.7#
89 47.3 54.9 82.3#
182 29.0 2.5 3.7#



#62
4-Nitroaniline
Concen: 2.585 ng
RT: 15.787 min Scan# 2142
Delta R.T. -0.023 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

Tgt Ion:138 Resp: 210
Ion Ratio Lower Upper
138 100
92 32.9 32.0 72.0
108 34.2 65.6 105.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

MW-1R

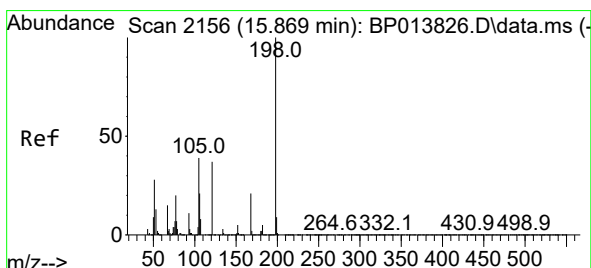
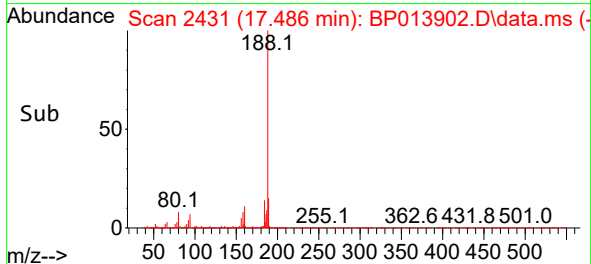
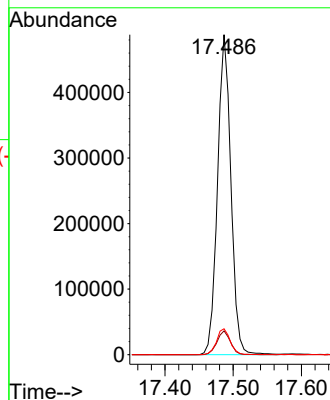
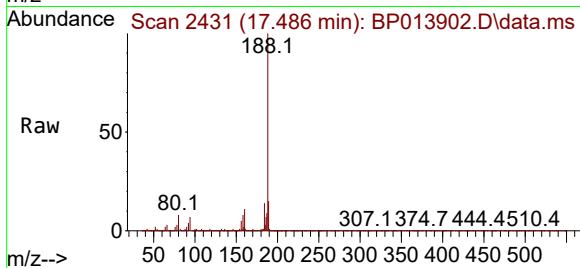
Tgt Ion:188 Resp: 665730

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 8.1 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 4.626 ng

RT: 15.851 min Scan# 2153

Delta R.T. -0.012 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

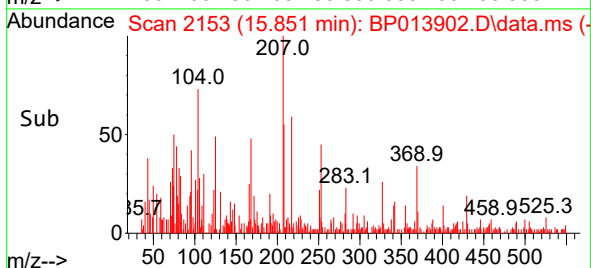
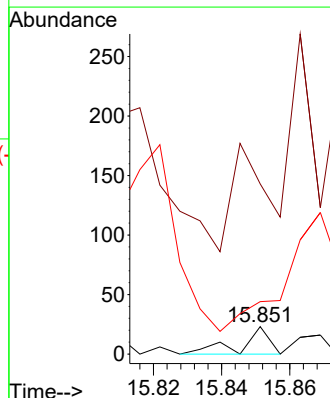
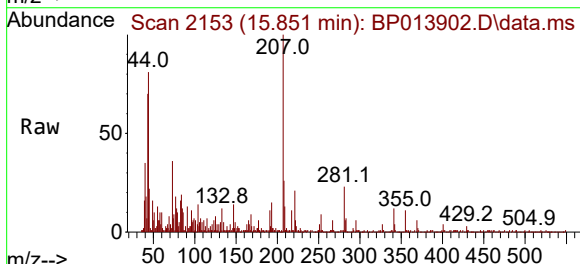
Tgt Ion:198 Resp: 13

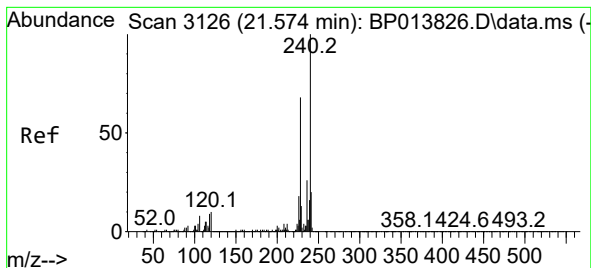
Ion Ratio Lower Upper

198 100

51 621.7 14.3 54.3#

105 191.3 20.5 60.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

MW-1R

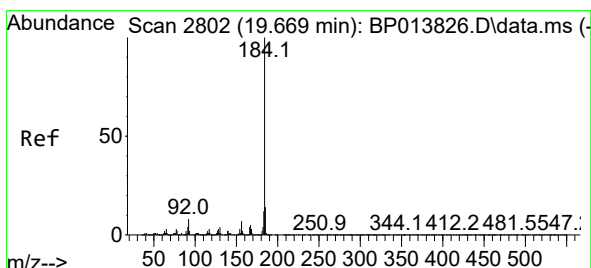
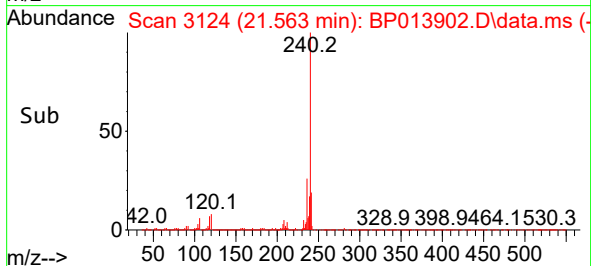
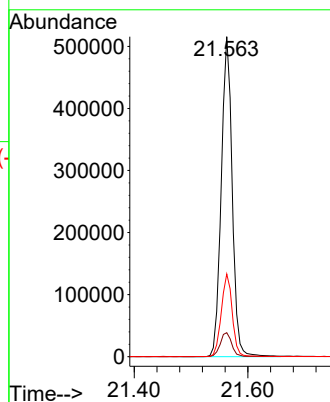
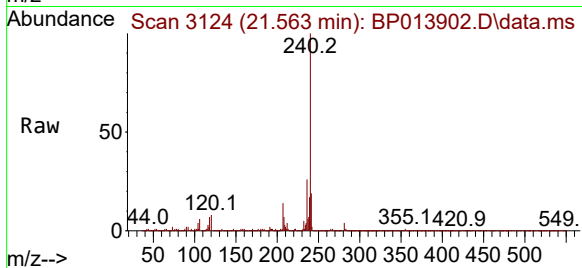
Tgt Ion:240 Resp: 691021

Ion Ratio Lower Upper

240 100

120 7.5 7.9 11.9#

236 25.9 20.9 31.3



#77

Benzidine

Concen: 2.286 ng

RT: 19.657 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

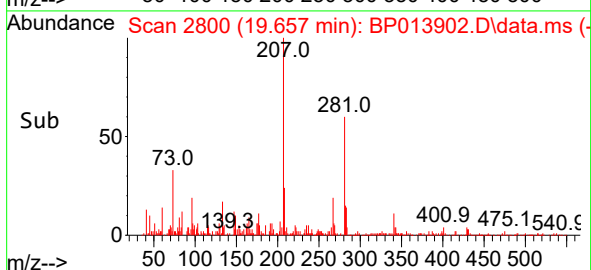
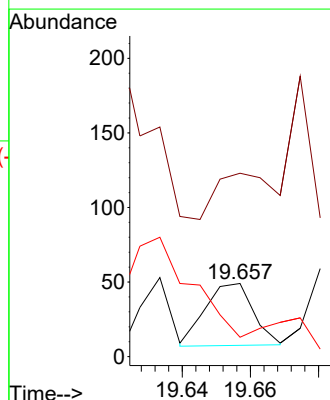
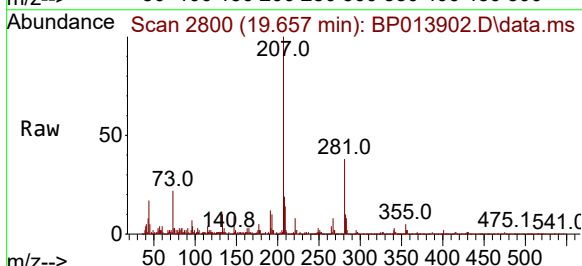
Tgt Ion:184 Resp: 41

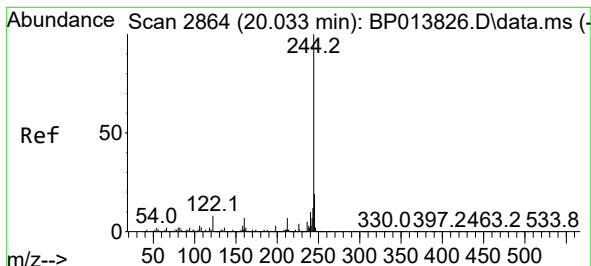
Ion Ratio Lower Upper

184 100

185 251.0 11.4 17.0#

183 26.5 9.6 14.4#





#79

Terphenyl-d14

Concen: 89.034 ng

RT: 20.022 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

MW-1R

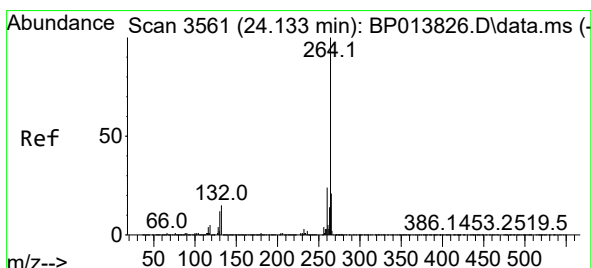
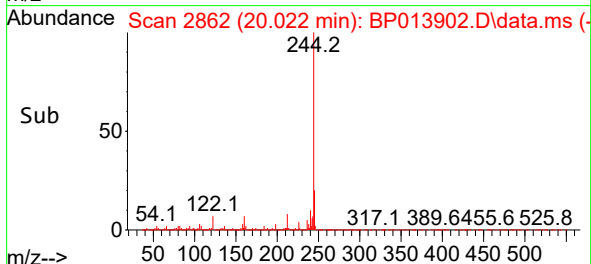
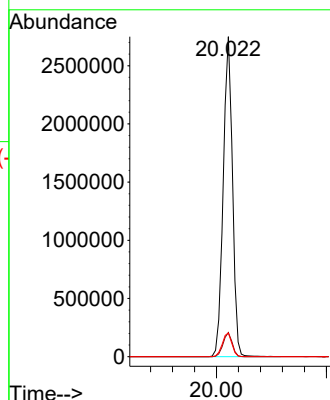
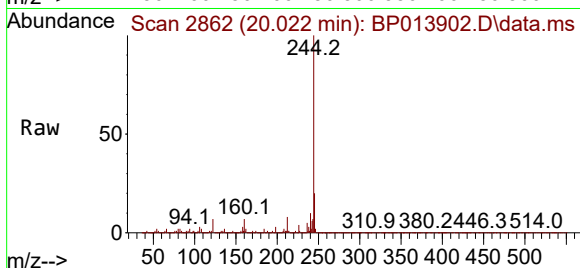
Tgt Ion:244 Resp: 3197761

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 7.4 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3557

Delta R.T. -0.012 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

Tgt Ion:264 Resp: 831567

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.0

265 22.6 17.6 26.4

