

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
 Data File : BP013848.D
 Acq On : 17 Feb 2023 16:49
 Operator : CG/JU
 Sample : 01581-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-A

Quant Time: Feb 17 22:04:59 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)

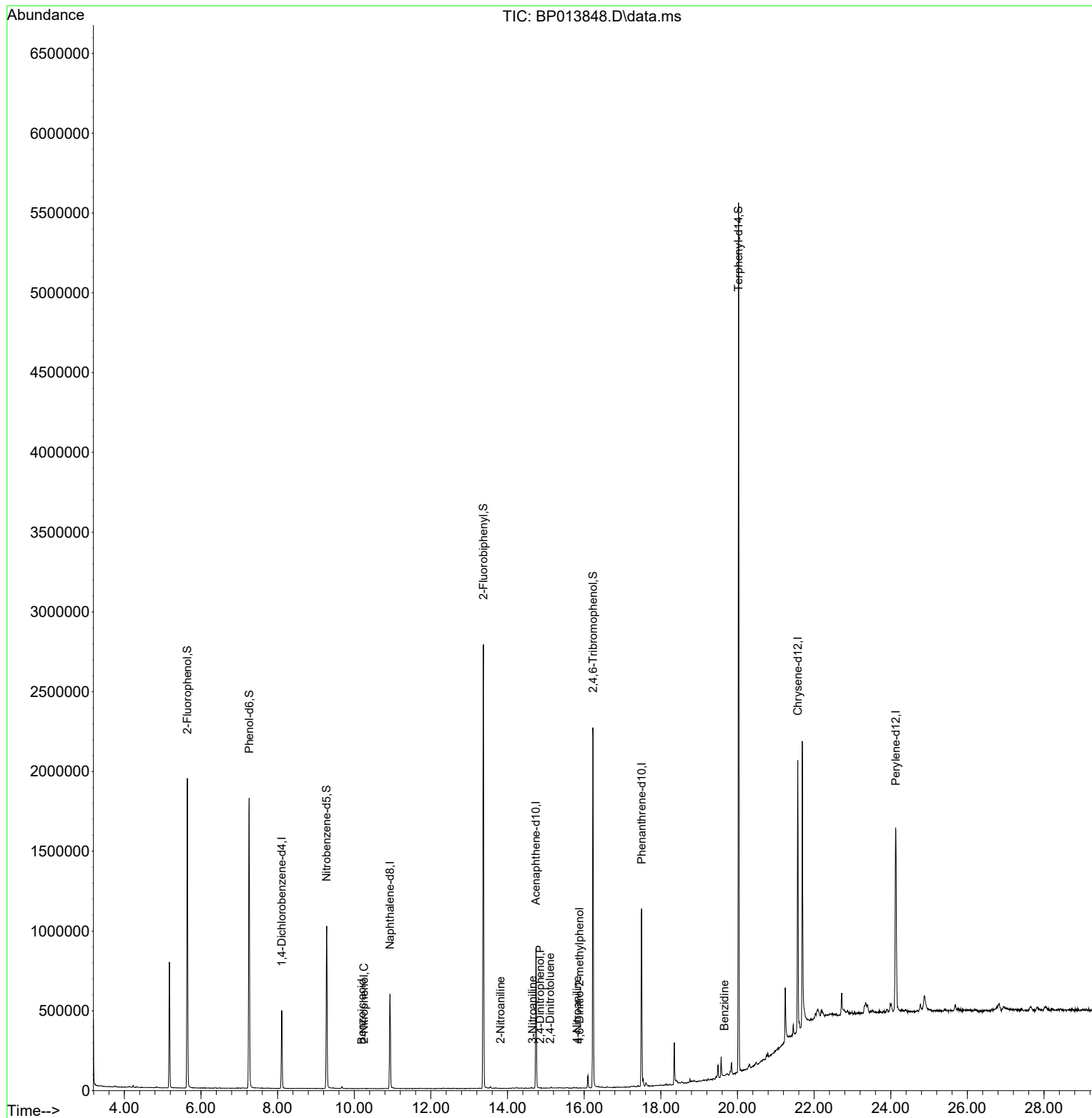
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	133697	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	483508	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	302601	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	694880	20.000	ng	0.00
76) Chrysene-d12	21.575	240	814115	20.000	ng	0.00
86) Perylene-d12	24.133	264	952493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	824679	101.660	ng	0.00
7) Phenol-d6	7.258	99	1076364	103.602	ng	0.00
23) Nitrobenzene-d5	9.281	82	600386	67.053	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	439981	99.885	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	1420340	61.651	ng	0.00
79) Terphenyl-d14	20.028	244	2597418	61.385	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.258	139	34	2.776	ng	93
32) Benzoic acid	10.199	122	133	5.096	ng	# 45
48) 2-Nitroaniline	13.816	65	90	3.246	ng	# 26
53) 3-Nitroaniline	14.651	138	16	2.011	ng	# 62
54) 2,4-Dinitrophenol	14.851	184	10	5.265	ng	# 1
57) 2,4-Dinitrotoluene	15.110	165	114	2.296	ng	# 53
62) 4-Nitroaniline	15.816	138	11	2.549	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.875	198	10	4.626	ng	# 1
77) Benzidine	19.663	184	130	2.290	ng	# 1

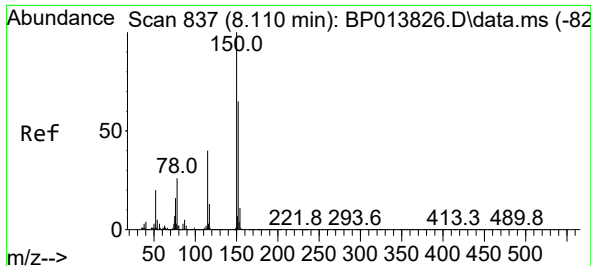
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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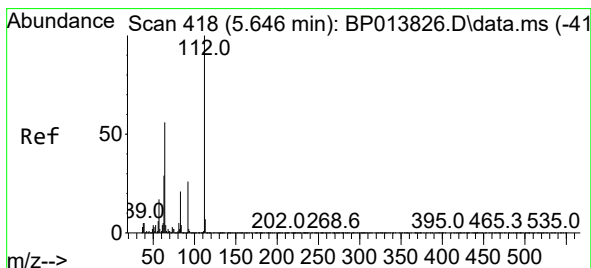
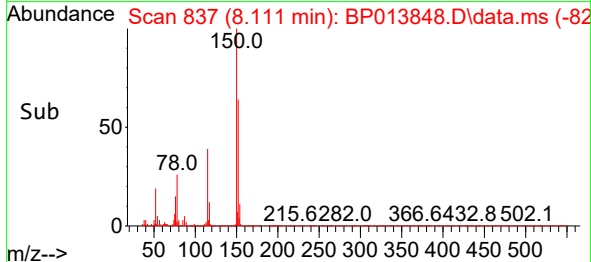
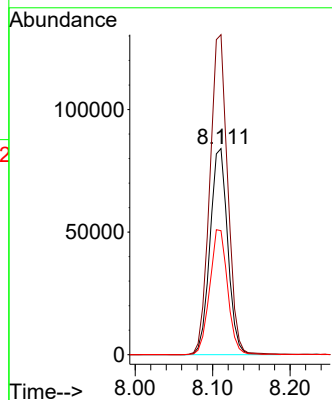
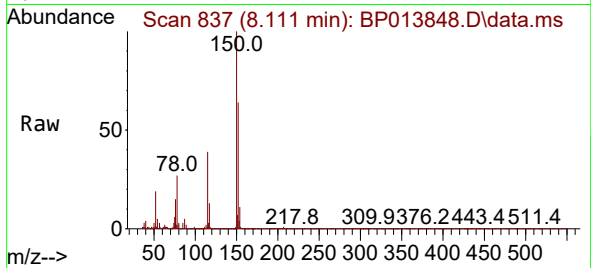




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

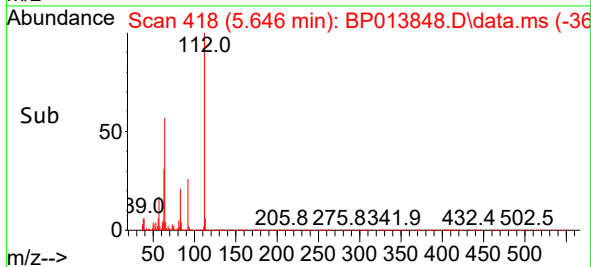
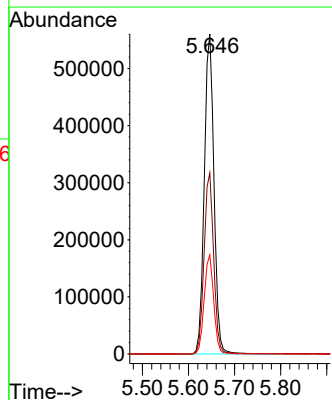
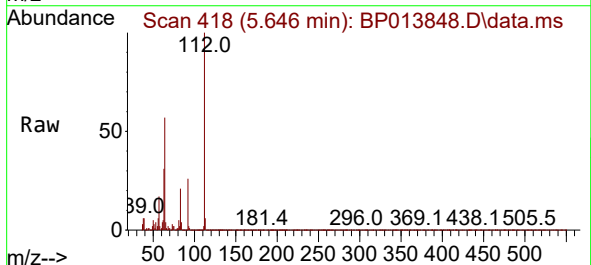
Instrument :
BNA_P
ClientSampleId :
MH-A

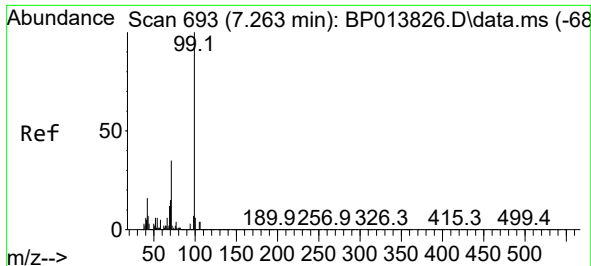
Tgt Ion:152 Resp: 133697
Ion Ratio Lower Upper
152 100
150 155.3 122.8 184.2
115 60.2 49.0 73.6



#5
2-Fluorophenol
Concen: 101.660 ng
RT: 5.646 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

Tgt Ion:112 Resp: 824679
Ion Ratio Lower Upper
112 100
64 56.6 44.6 66.8
63 31.0 23.6 35.4



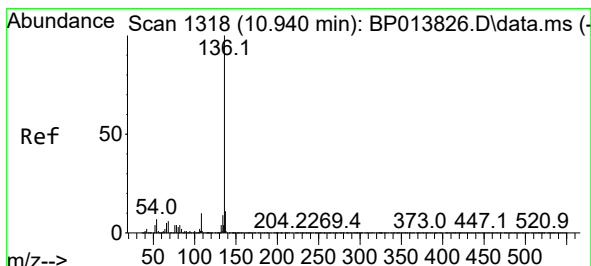
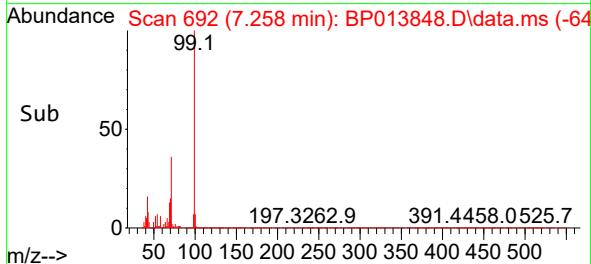
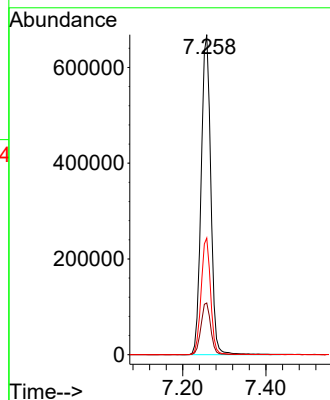
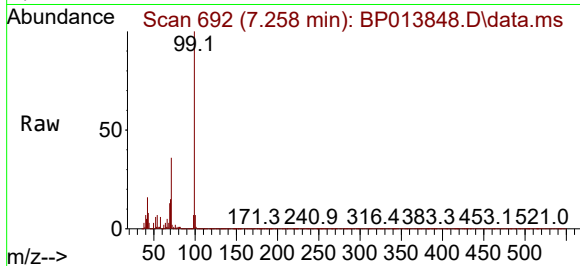


#7
Phenol-d6
Concen: 103.602 ng
RT: 7.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

Instrument :
BNA_P
ClientSampleId :
MH-A

Tgt Ion: 99 Resp: 1076364

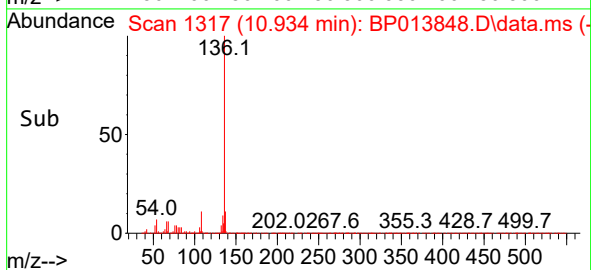
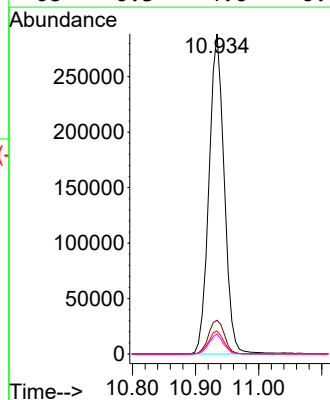
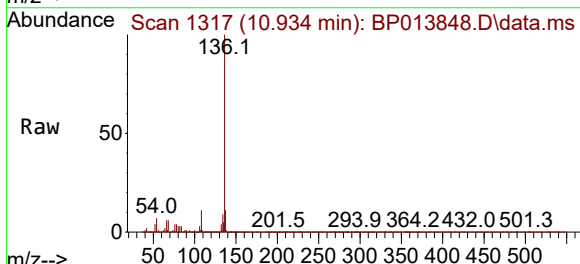
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.5	18.7
71	36.5	27.8	41.8

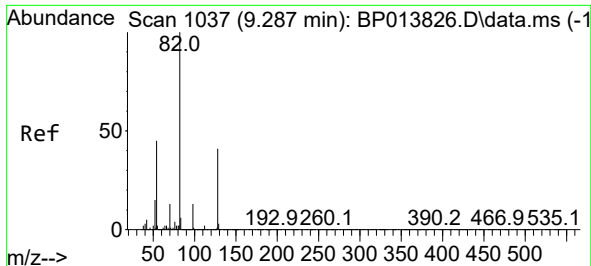


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

Tgt Ion: 136 Resp: 483508

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.2	5.8	8.6
68	6.3	4.6	6.8

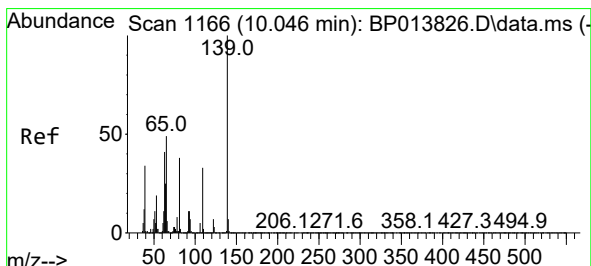
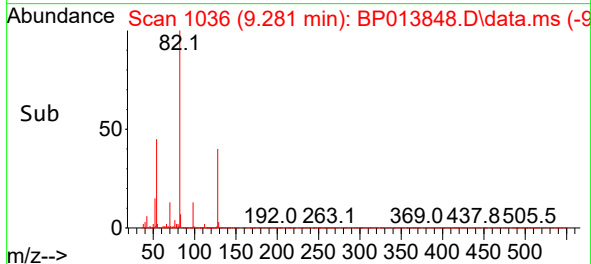
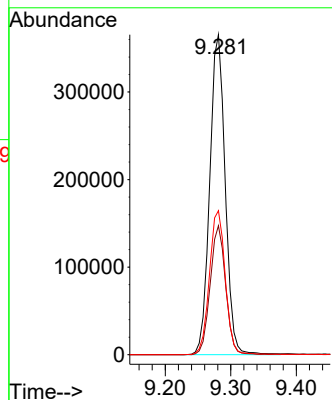
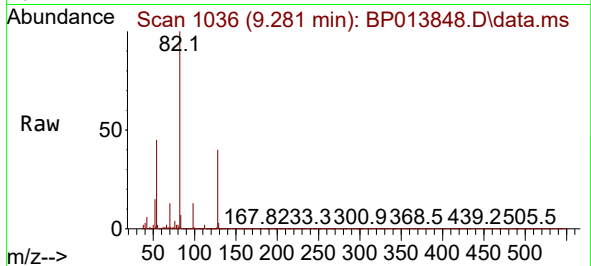




#23
Nitrobenzene-d5
Concen: 67.053 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

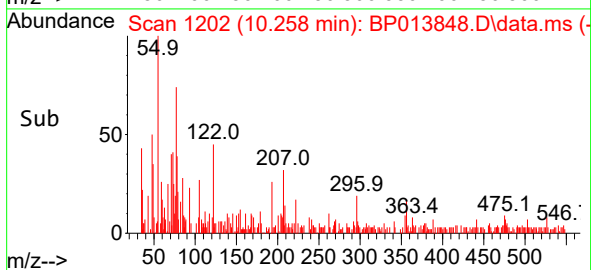
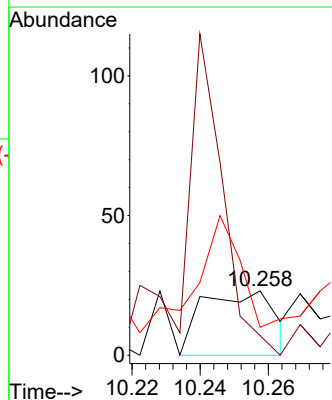
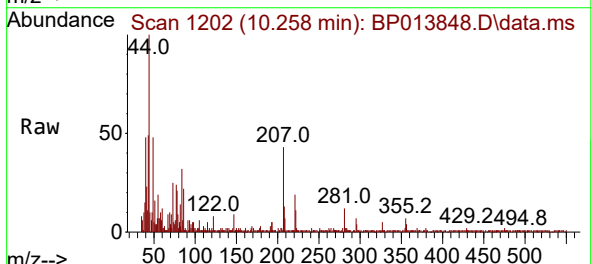
Instrument :
BNA_P
ClientSampleId :
MH-A

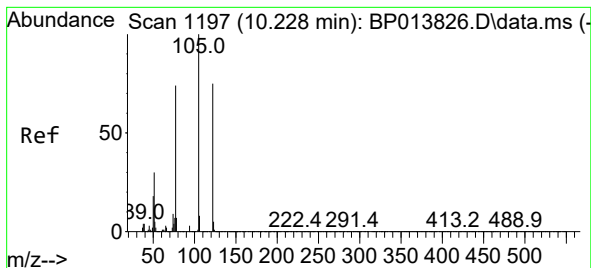
Tgt Ion: 82 Resp: 600386
Ion Ratio Lower Upper
82 100
128 40.3 32.9 49.3
54 45.0 35.6 53.4



#26
2-Nitrophenol
Concen: 2.776 ng
RT: 10.258 min Scan# 1202
Delta R.T. 0.212 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

Tgt Ion:139 Resp: 34
Ion Ratio Lower Upper
139 100
109 30.4 26.7 40.1
65 43.5 39.4 59.2





#32

Benzoic acid

Concen: 5.096 ng

RT: 10.199 min Scan# 1197

Delta R.T. -0.029 min

Lab File: BP013848.D

Acq: 17 Feb 2023 16:49

Instrument :

BNA_P

ClientSampleId :

MH-A

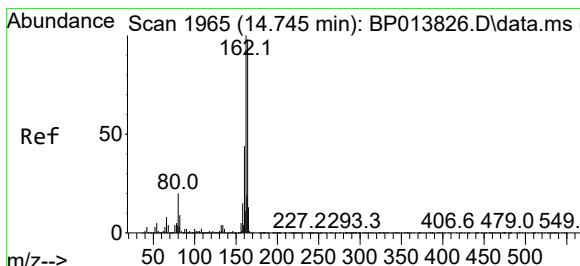
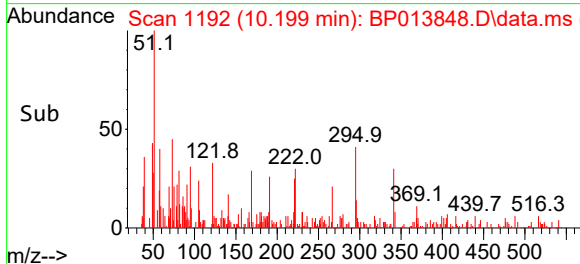
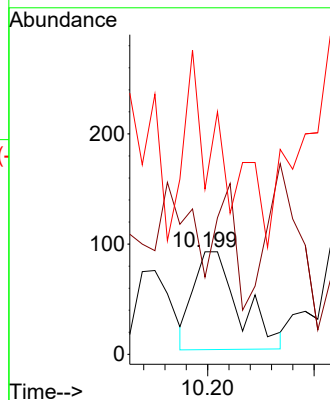
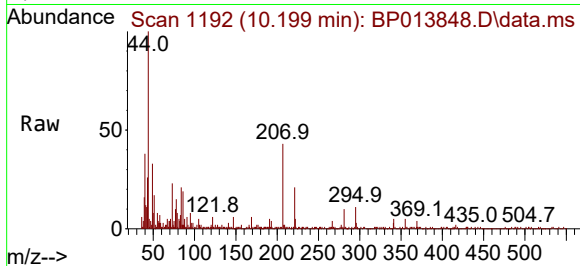
Tgt Ion:122 Resp: 133

Ion Ratio Lower Upper

122 100

105 75.3 107.4 147.4#

77 161.3 76.0 116.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.740 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BP013848.D

Acq: 17 Feb 2023 16:49

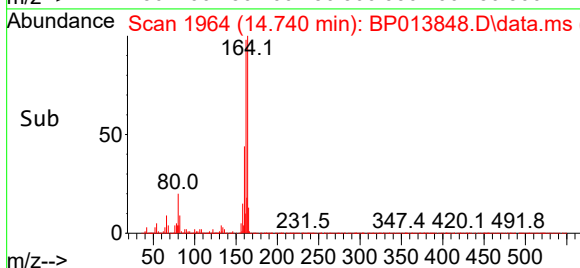
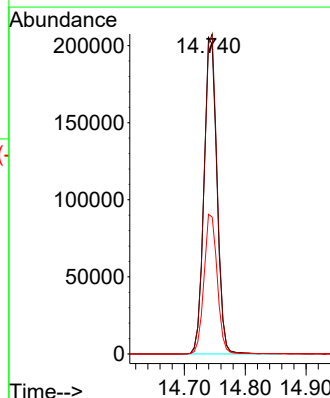
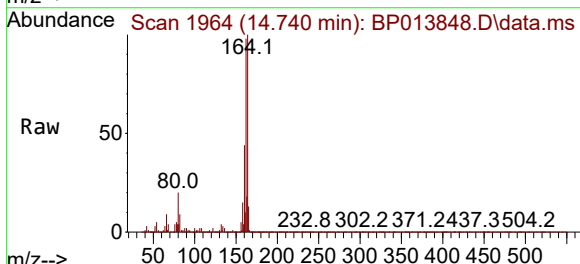
Tgt Ion:164 Resp: 302601

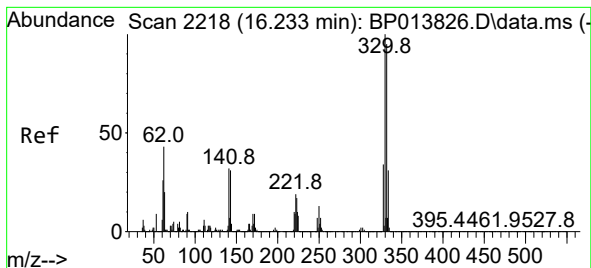
Ion Ratio Lower Upper

164 100

162 97.9 81.7 122.5

160 44.2 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 99.885 ng

RT: 16.234 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013848.D

Acq: 17 Feb 2023 16:49

Instrument :

BNA_P

ClientSampleId :

MH-A

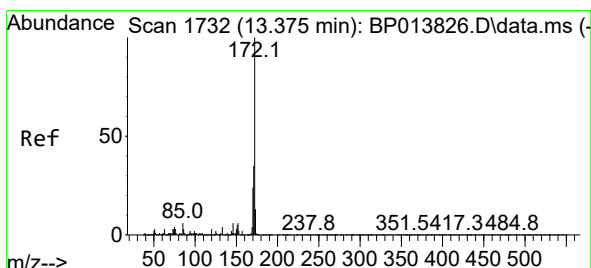
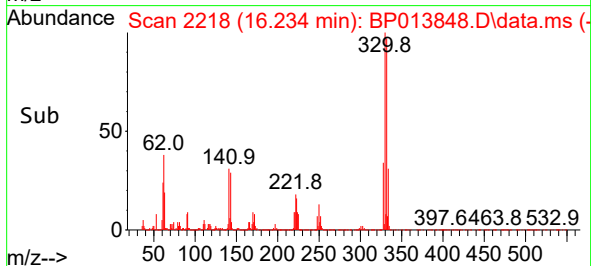
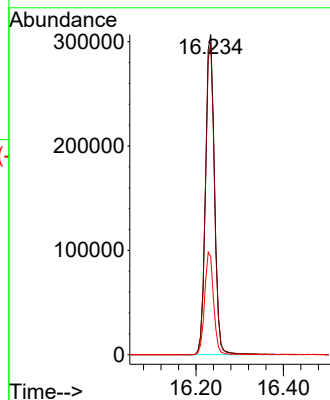
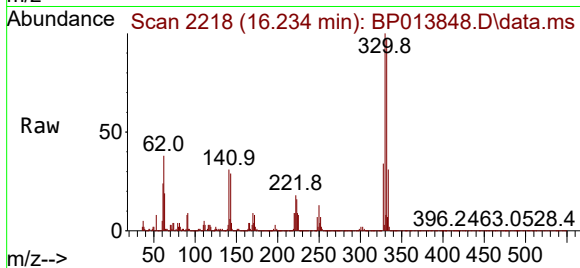
Tgt Ion:330 Resp: 439981

Ion Ratio Lower Upper

330 100

332 96.8 76.7 115.1

141 31.9 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 61.651 ng

RT: 13.369 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BP013848.D

Acq: 17 Feb 2023 16:49

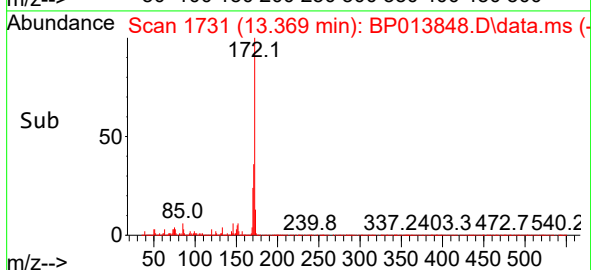
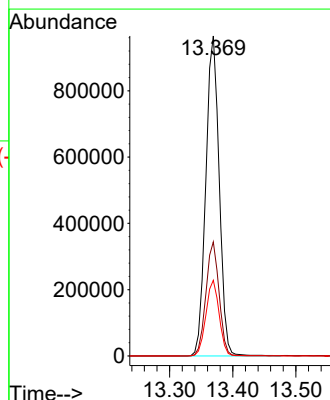
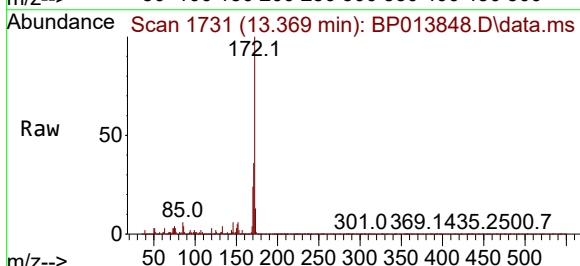
Tgt Ion:172 Resp: 1420340

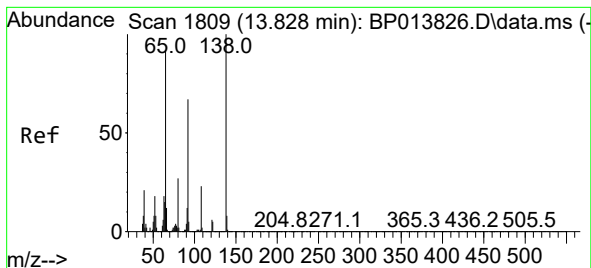
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

170 23.6 19.0 28.4





#48

2-Nitroaniline

Concen: 3.246 ng

RT: 13.816 min Scan# 1807

Delta R.T. -0.012 min

Lab File: BP013848.D

Acq: 17 Feb 2023 16:49

Instrument :

BNA_P

ClientSampleId :

MH-A

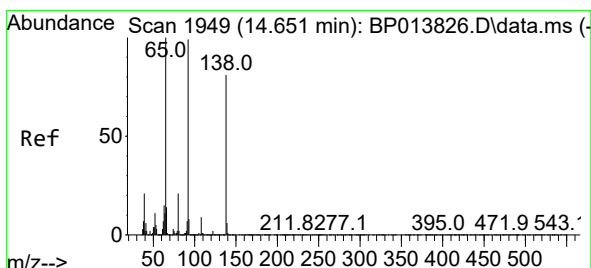
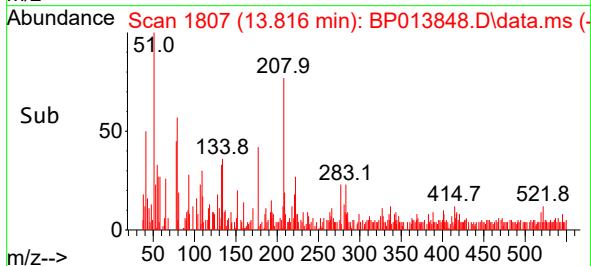
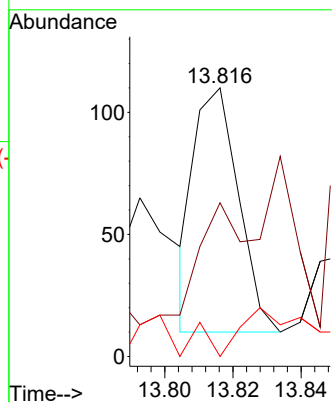
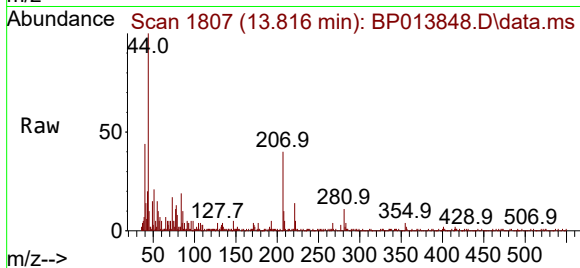
Tgt Ion: 65 Resp: 90

Ion Ratio Lower Upper

65 100

92 48.1 58.7 88.1#

138 0.0 87.3 130.9#



#53

3-Nitroaniline

Concen: 2.011 ng

RT: 14.651 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BP013848.D

Acq: 17 Feb 2023 16:49

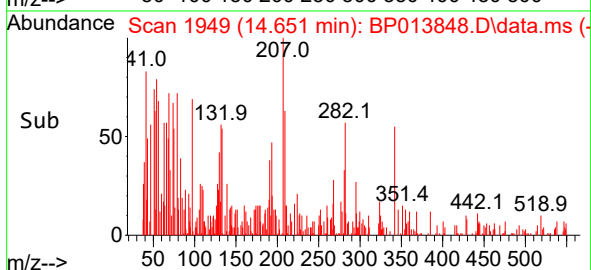
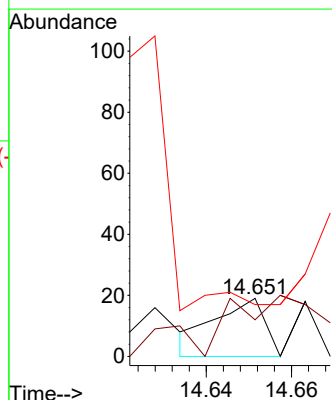
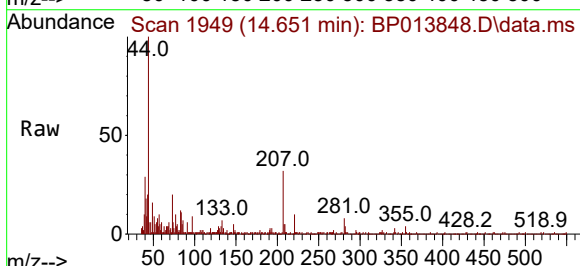
Tgt Ion: 138 Resp: 16

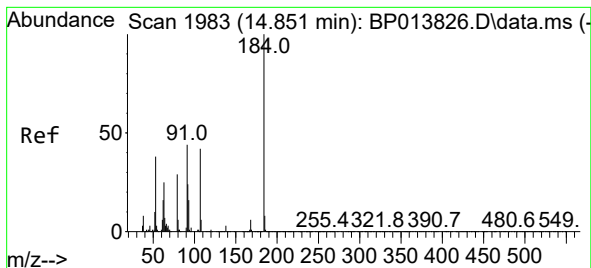
Ion Ratio Lower Upper

138 100

108 63.2 9.0 13.4#

92 89.5 97.1 145.7#

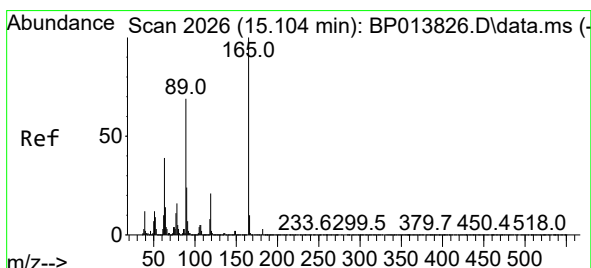
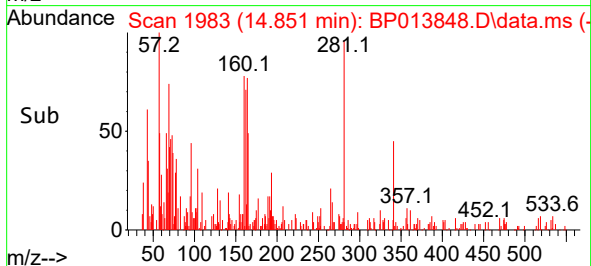
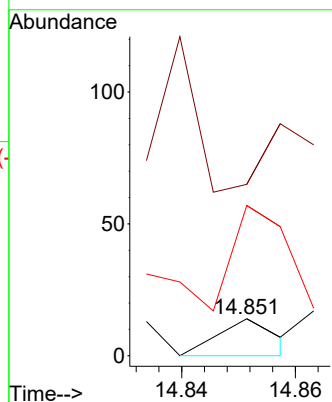
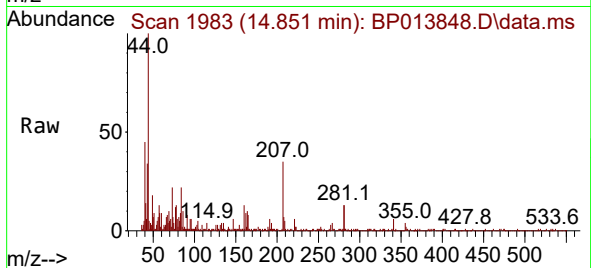




#54
2,4-Dinitrophenol
Concen: 5.265 ng
RT: 14.851 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

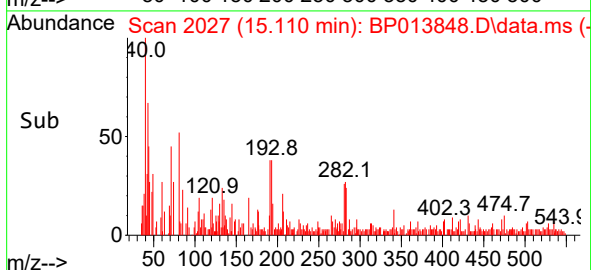
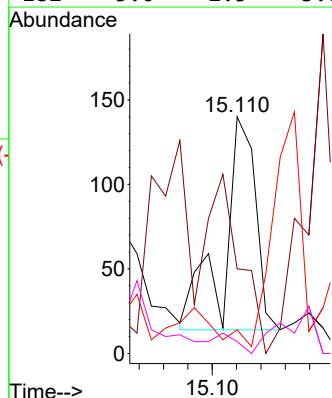
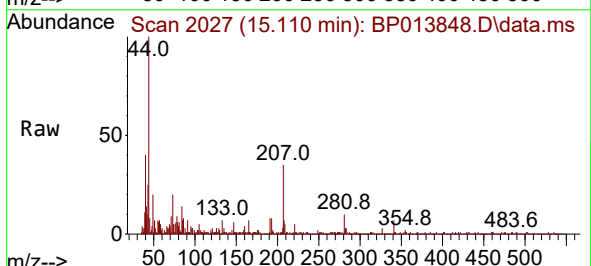
Instrument :
BNA_P
ClientSampleId :
MH-A

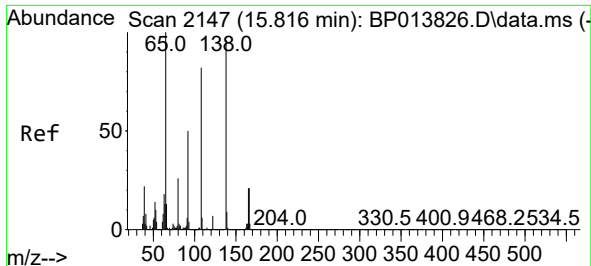
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 464.3 47.0 70.4#
154 407.1 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 2.296 ng
RT: 15.110 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

Tgt Ion:165 Resp: 114
Ion Ratio Lower Upper
165 100
63 35.7 31.1 46.7
89 10.0 54.9 82.3#
182 5.0 2.5 3.7#

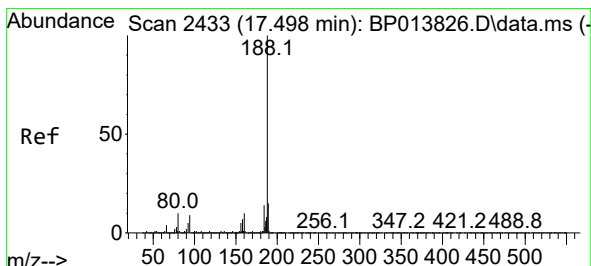
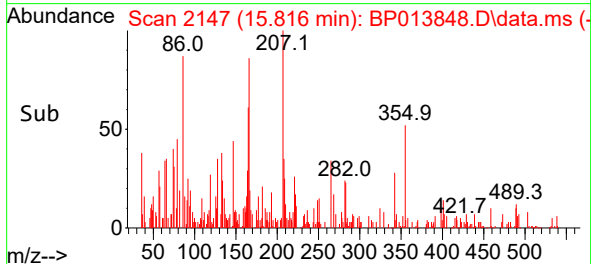
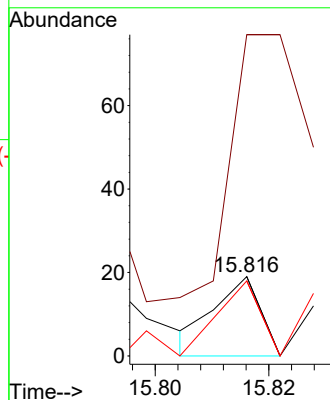
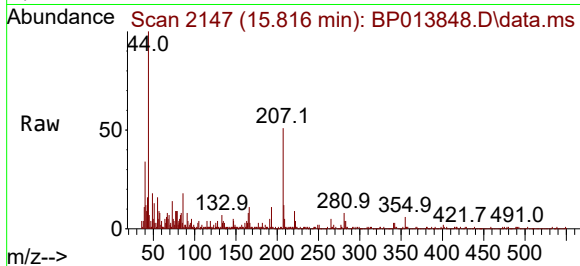




#62
4-Nitroaniline
Concen: 2.549 ng
RT: 15.816 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

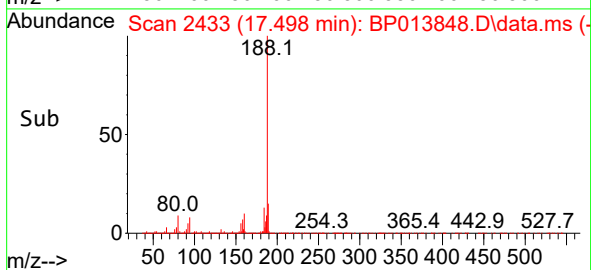
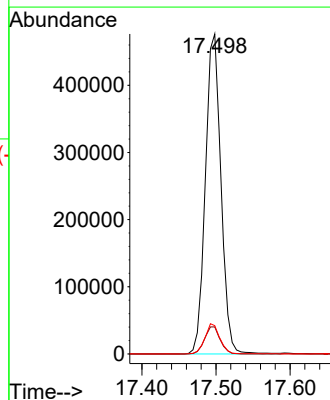
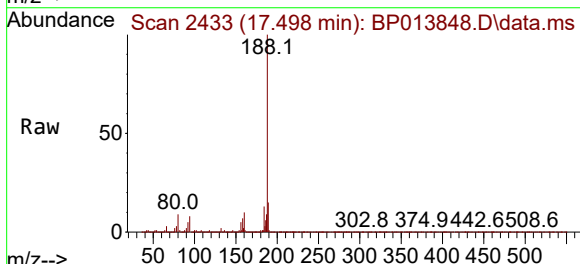
Instrument :
BNA_P
ClientSampleId :
MH-A

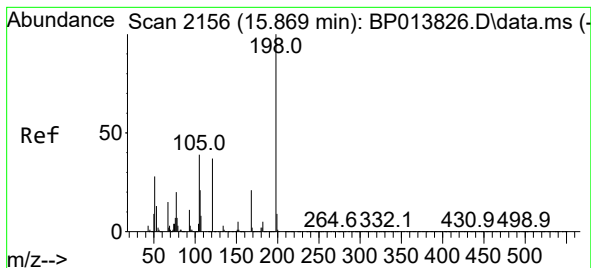
Tgt Ion:138 Resp: 11
Ion Ratio Lower Upper
138 100
92 405.3 32.0 72.0#
108 94.7 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

Tgt Ion:188 Resp: 694880
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 8.8 7.8 11.8

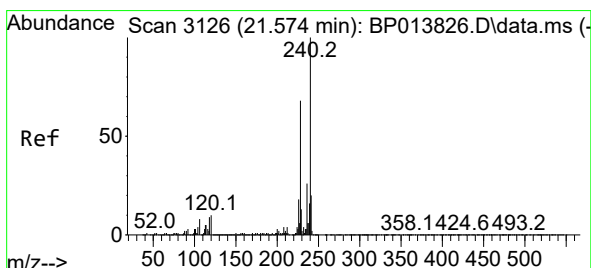
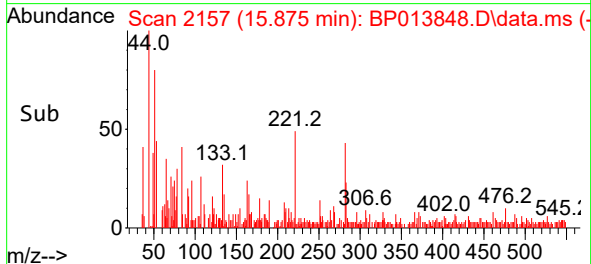
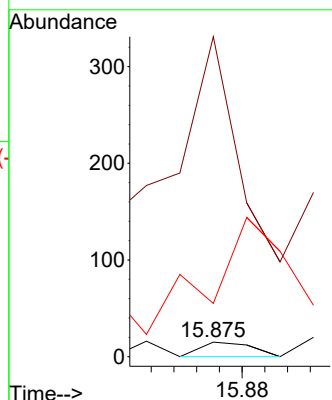
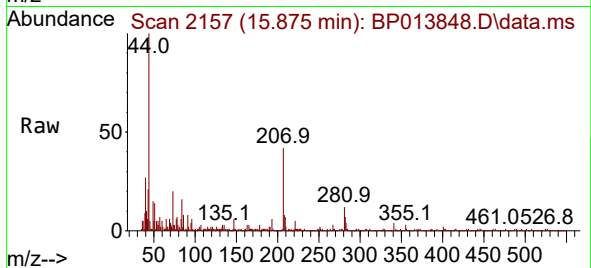




#65
4,6-Dinitro-2-methylphenol
Concen: 4.626 ng
RT: 15.875 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

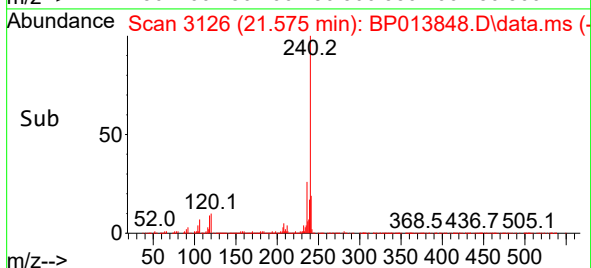
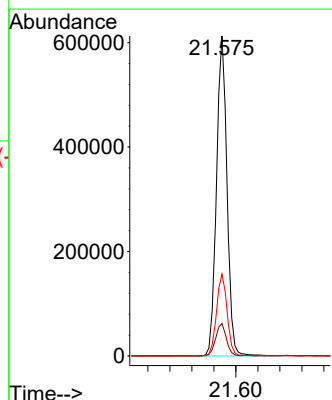
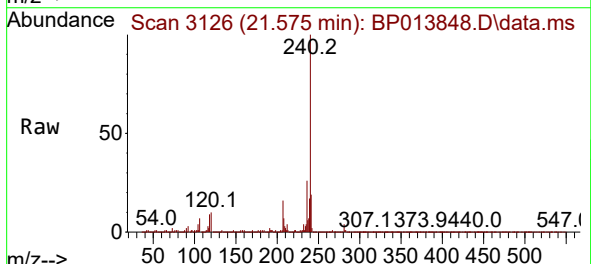
Instrument :
BNA_P
ClientSampleId :
MH-A

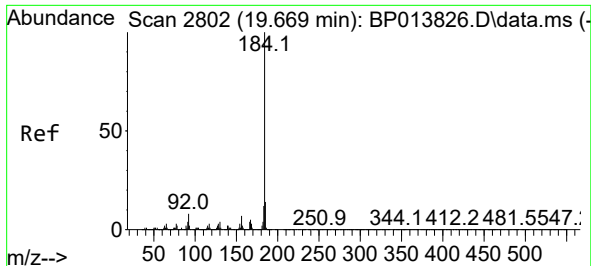
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 2206.7 14.3 54.3#
105 366.7 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

Tgt Ion:240 Resp: 814115
Ion Ratio Lower Upper
240 100
120 10.1 7.9 11.9
236 25.6 20.9 31.3

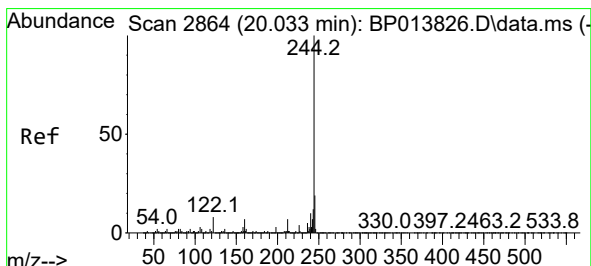
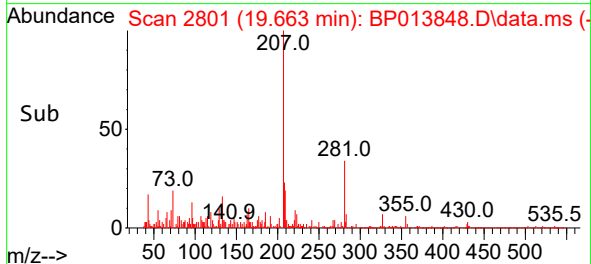
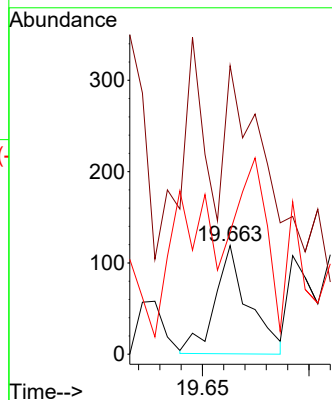
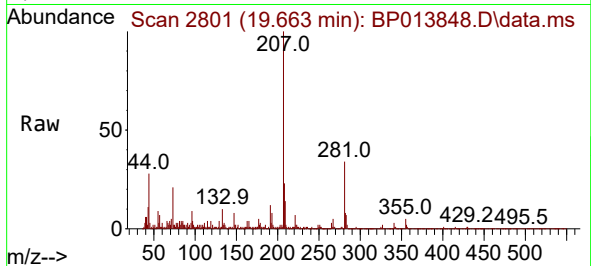




#77
Benzidine
Concen: 2.290 ng
RT: 19.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

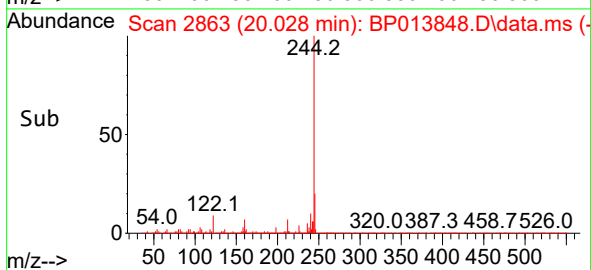
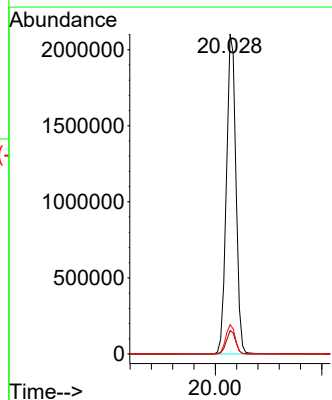
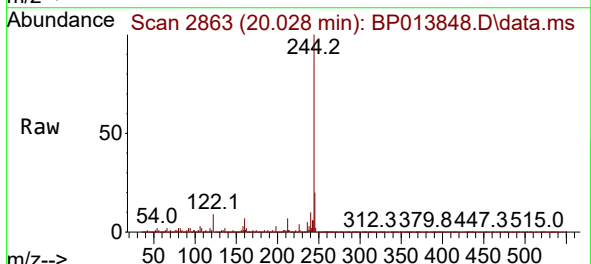
Instrument :
BNA_P
ClientSampleId :
MH-A

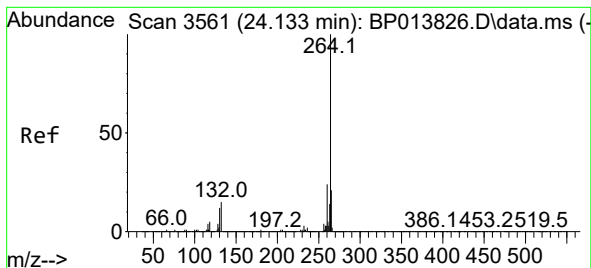
Tgt Ion:184 Resp: 130
Ion Ratio Lower Upper
184 100
185 265.5 11.4 17.0#
183 112.6 9.6 14.4#



#79
Terphenyl-d14
Concen: 61.385 ng
RT: 20.028 min Scan# 2863
Delta R.T. -0.006 min
Lab File: BP013848.D
Acq: 17 Feb 2023 16:49

Tgt Ion:244 Resp: 2597418
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: 24.133 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP013848.D

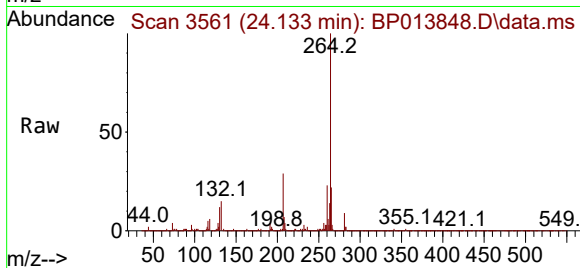
Acq: 17 Feb 2023 16:49

Instrument :

BNA_P

ClientSampleId :

MH-A



Tgt Ion:264 Resp: 952493

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 21.7 17.6 26.4

