

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013678.D
 Acq On : 31 Jan 2023 17:39
 Operator : CG/JU
 Sample : PB150507BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150507BL

Quant Time: Feb 01 06:28:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 03:43:48 2023
 Response via : Initial Calibration

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

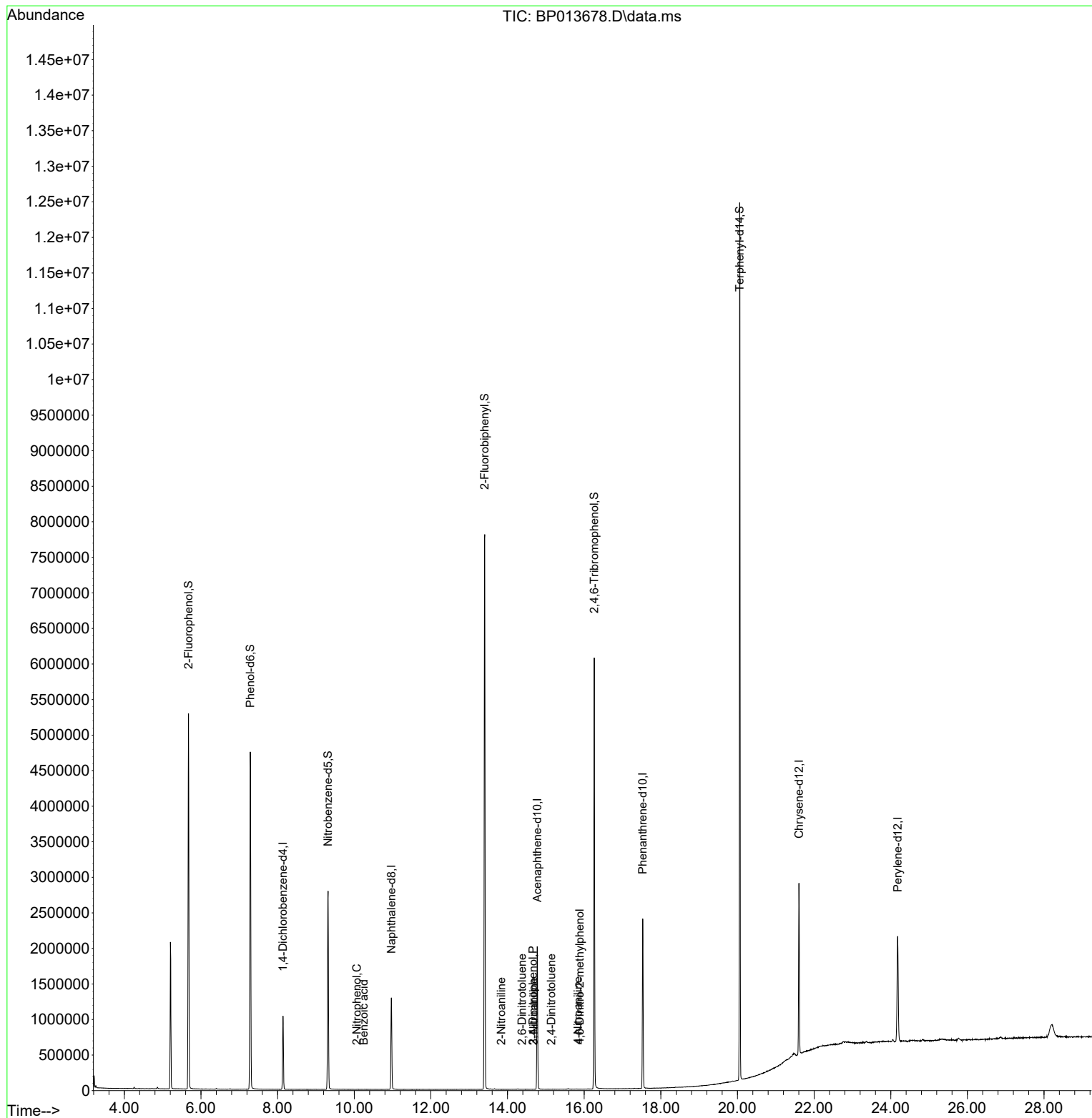
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	287742	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	1084464	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	686558	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	1469886	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1219669	20.000	ng	0.00
86) Perylene-d12	24.180	264	1243982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	2315990	137.591	ng	0.00
7) Phenol-d6	7.287	99	2943410	131.256	ng	0.00
23) Nitrobenzene-d5	9.316	82	1647745	88.384	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	1289896	125.262	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	4306918	87.779	ng	0.00
79) Terphenyl-d14	20.057	244	6295319	102.494	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.069	139	17	2.807	ng	# 1
32) Benzoic acid	10.252	122	247	3.963	ng	# 77
48) 2-Nitroaniline	13.840	65	224	4.507	ng	# 12
51) 2,6-Dinitrotoluene	14.381	165	240	3.336	ng	92
53) 3-Nitroaniline	14.681	138	19	2.607	ng	# 1
54) 2,4-Dinitrophenol	14.663	184	21	7.611	ng	87
57) 2,4-Dinitrotoluene	15.145	165	91	4.071	ng	# 89
62) 4-Nitroaniline	15.839	138	13	2.881	ng	# 72
65) 4,6-Dinitro-2-methylph...	15.881	198	10	6.099	ng	# 1

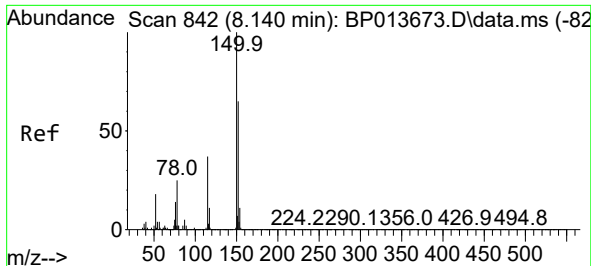
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
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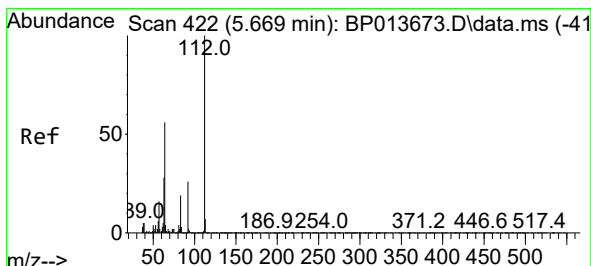
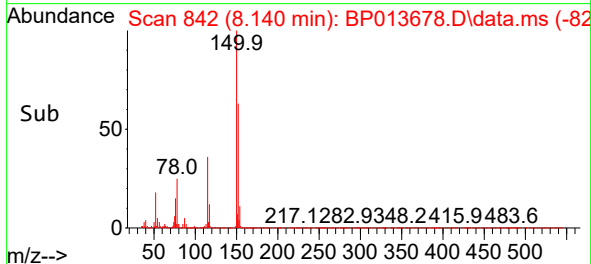
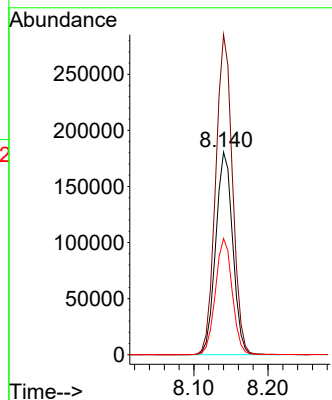
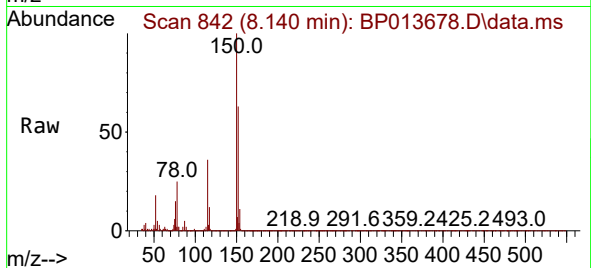




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 842
Delta R.T. -0.000 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

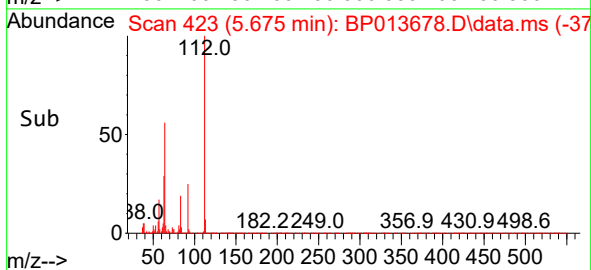
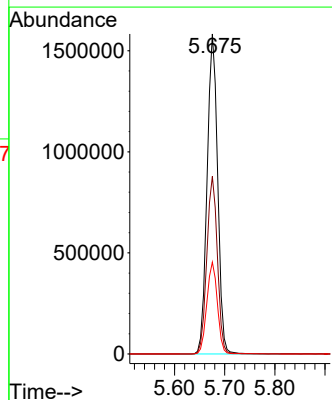
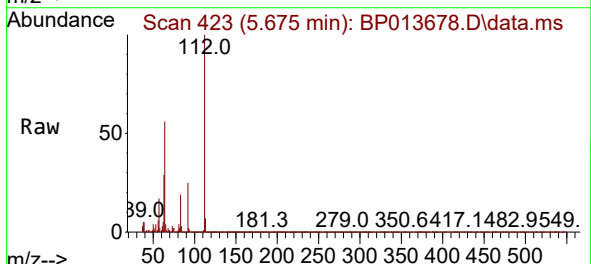
Instrument :
BNA_P
ClientSampleId :
PB150507BL

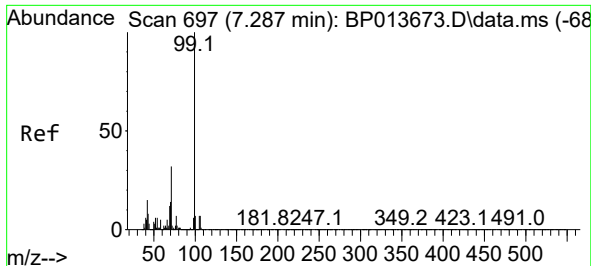
Tgt Ion:152 Resp: 287742
Ion Ratio Lower Upper
152 100
150 157.9 123.6 185.4
115 57.3 45.4 68.0



#5
2-Fluorophenol
Concen: 137.591 ng
RT: 5.675 min Scan# 423
Delta R.T. 0.006 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

Tgt Ion:112 Resp: 2315990
Ion Ratio Lower Upper
112 100
64 55.5 44.6 67.0
63 28.7 22.6 34.0

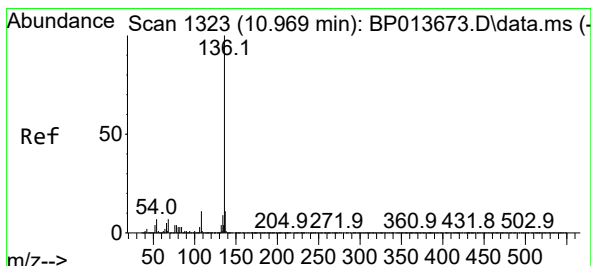
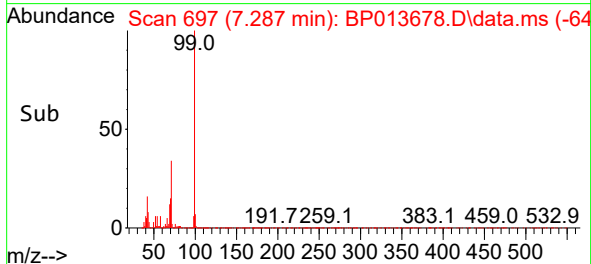
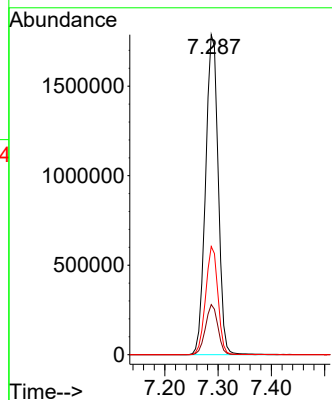
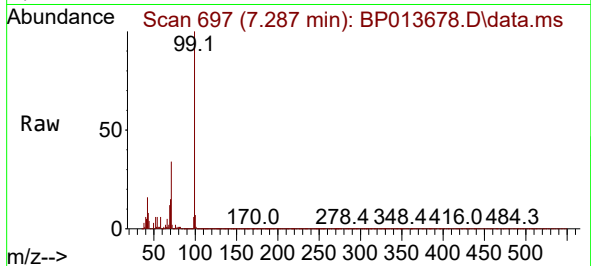




#7
Phenol-d6
Concen: 131.256 ng
RT: 7.287 min Scan# 697
Delta R.T. 0.000 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

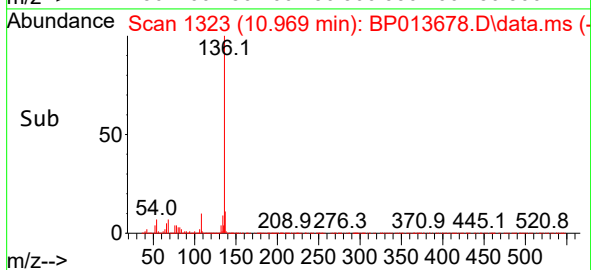
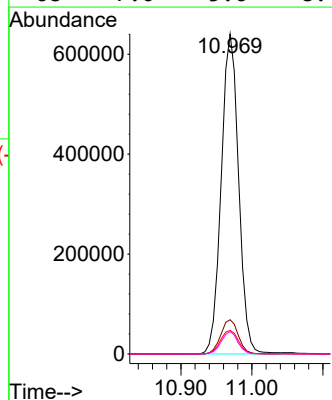
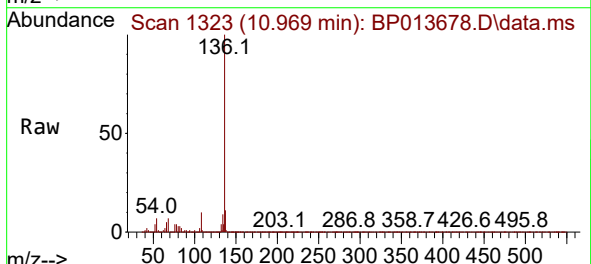
Instrument :
BNA_P
ClientSampleId :
PB150507BL

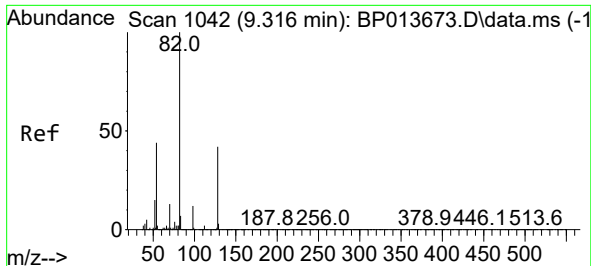
Tgt Ion: 99 Resp: 2943410
Ion Ratio Lower Upper
99 100
42 15.7 11.8 17.6
71 33.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

Tgt Ion: 136 Resp: 1084464
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 6.0 9.0
68 7.0 5.6 8.4

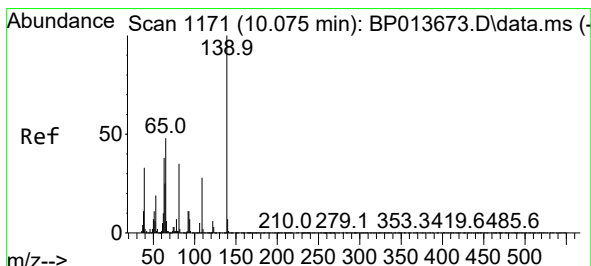
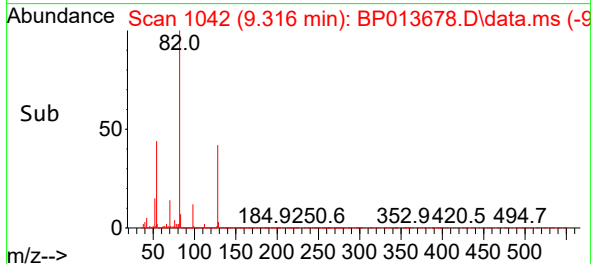
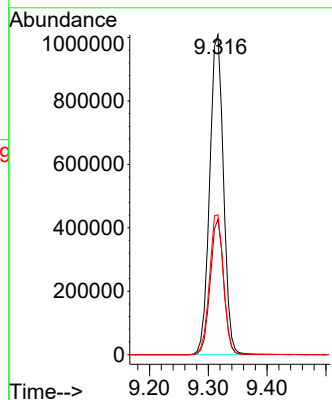
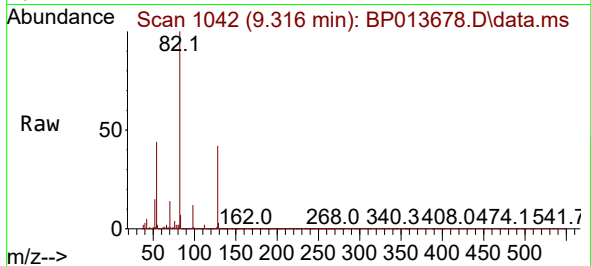




#23
Nitrobenzene-d5
Concen: 88.384 ng
RT: 9.316 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

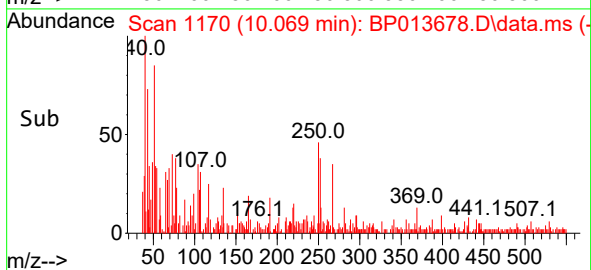
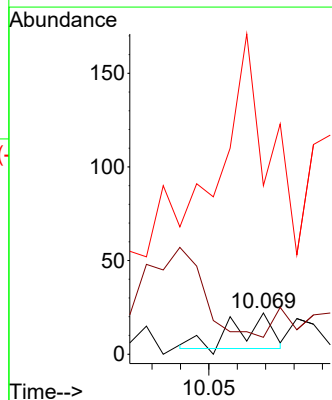
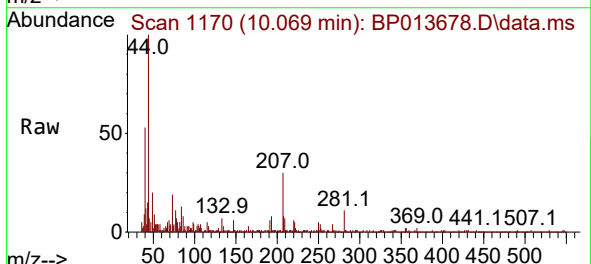
Instrument :
BNA_P
ClientSampleId :
PB150507BL

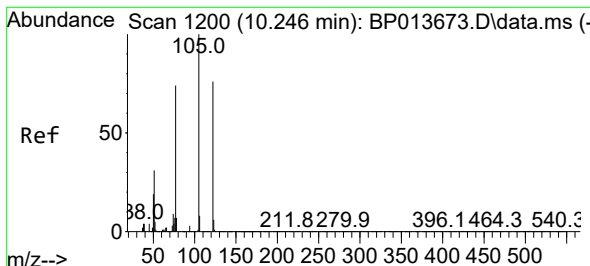
Tgt Ion: 82 Resp: 1647745
Ion Ratio Lower Upper
82 100
128 42.3 33.4 50.0
54 43.7 35.4 53.0



#26
2-Nitrophenol
Concen: 2.807 ng
RT: 10.069 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

Tgt Ion:139 Resp: 17
Ion Ratio Lower Upper
139 100
109 40.9 22.7 34.1#
65 409.1 38.8 58.2#

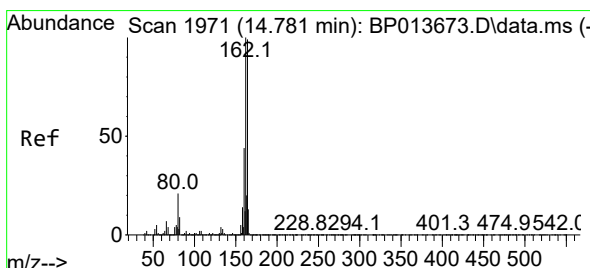
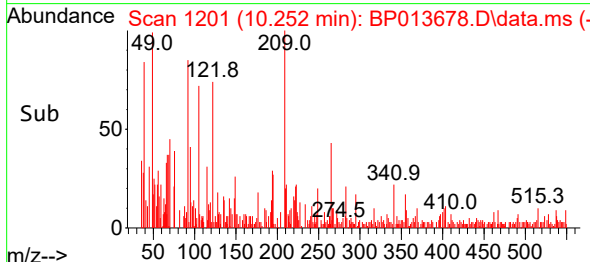
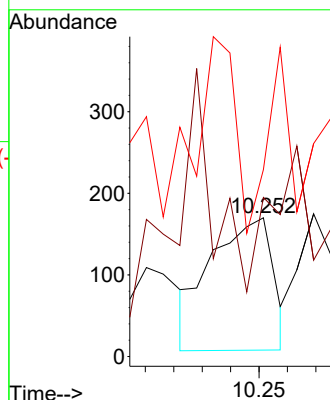
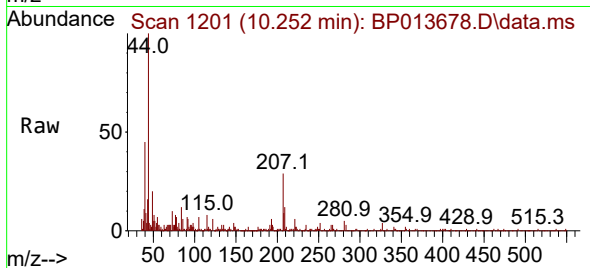




#32
Benzoic acid
Concen: 3.963 ng
RT: 10.252 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

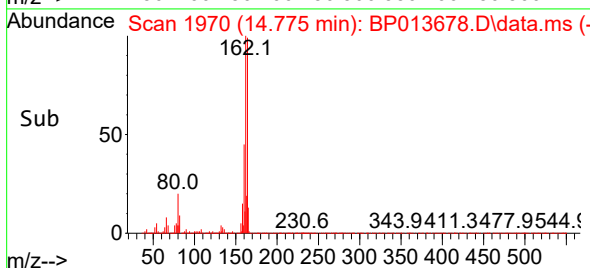
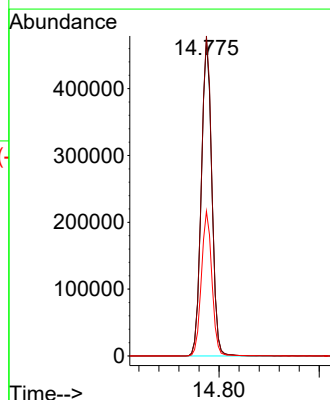
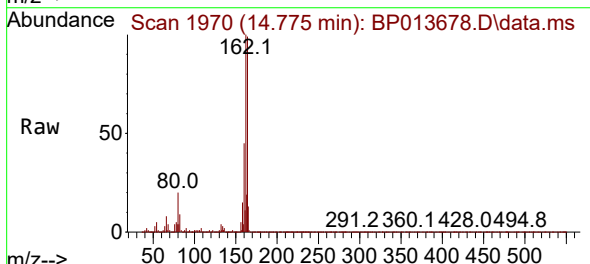
Instrument :
BNA_P
ClientSampleId :
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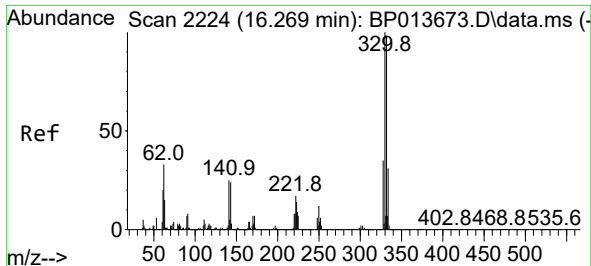
Tgt Ion:122 Resp: 247
Ion Ratio Lower Upper
122 100
105 114.7 105.5 145.5
77 134.7 74.7 114.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

Tgt Ion:164 Resp: 686558
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 45.7 35.6 53.4

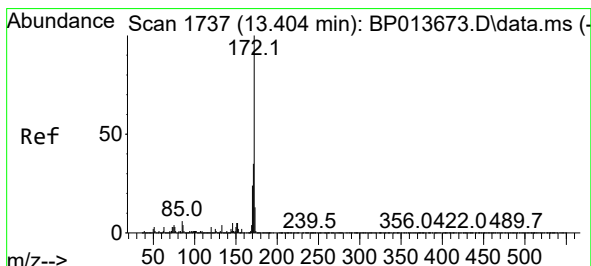
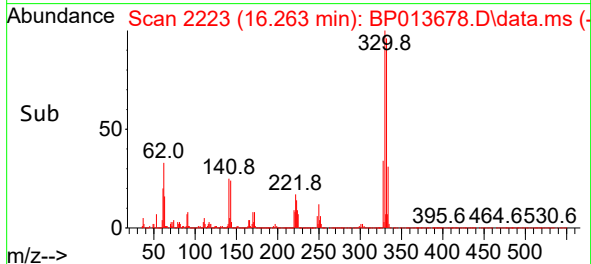
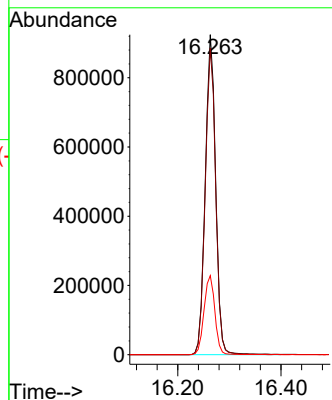
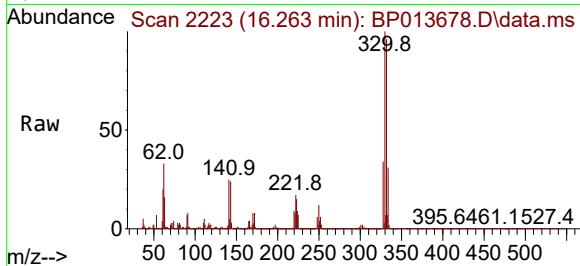




#42
2,4,6-Tribromophenol
Concen: 125.262 ng
RT: 16.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

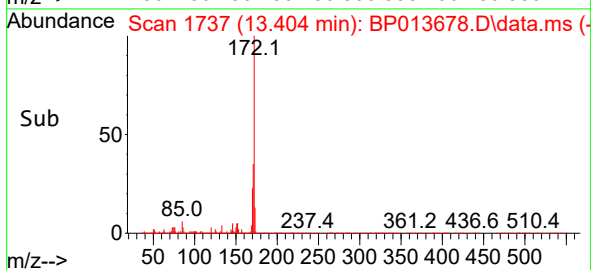
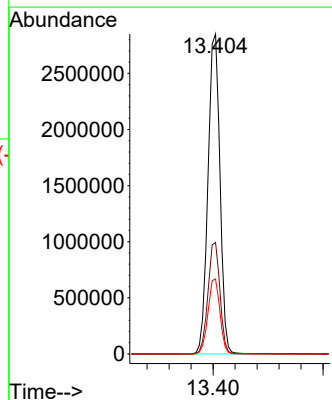
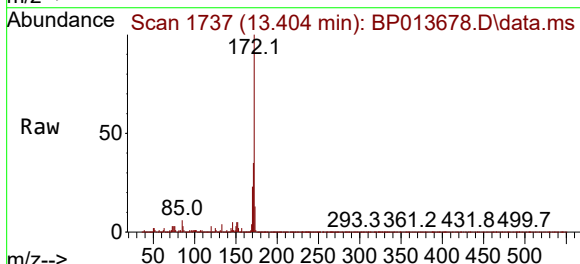
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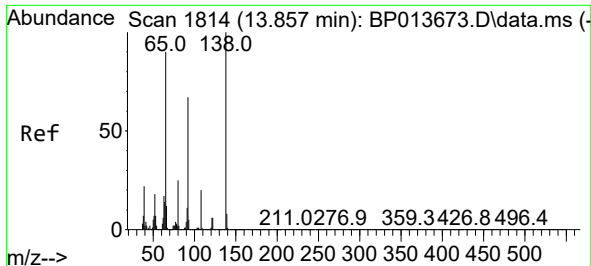
Tgt Ion:330 Resp: 1289896
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 25.9 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 87.779 ng
RT: 13.404 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

Tgt Ion:172 Resp: 4306918
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.4 19.0 28.4

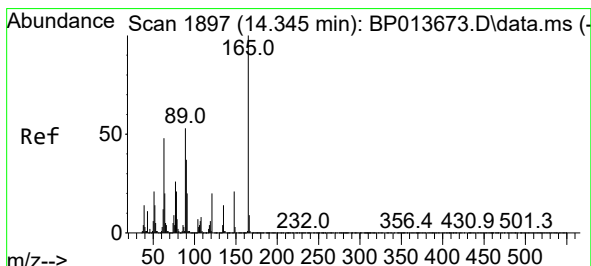
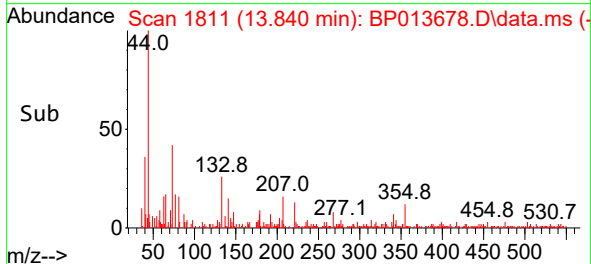
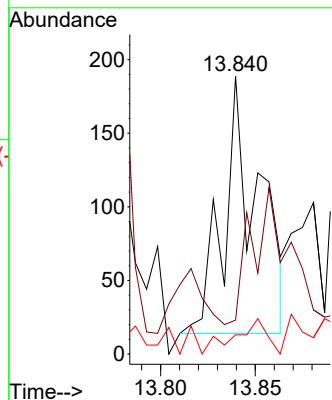
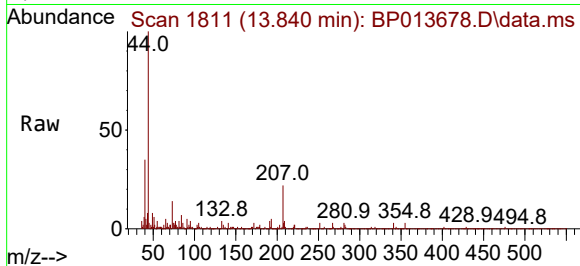




#48
2-Nitroaniline
Concen: 4.507 ng
RT: 13.840 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

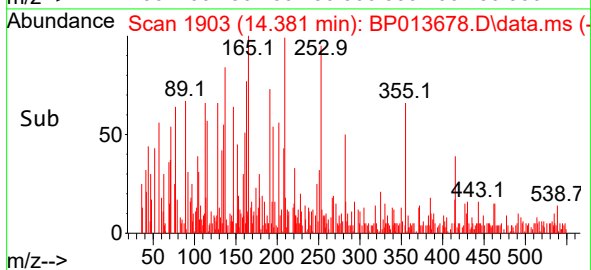
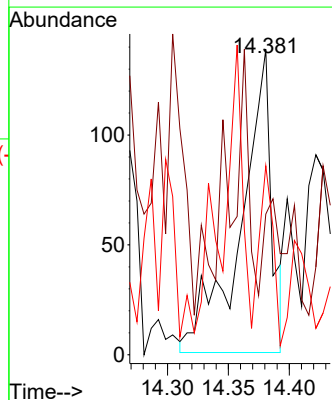
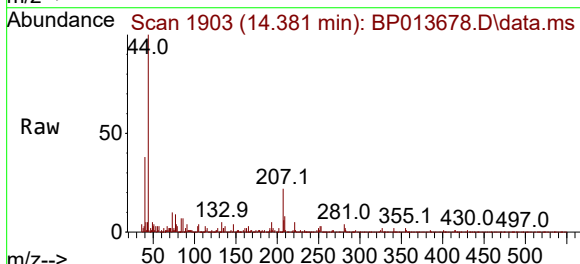
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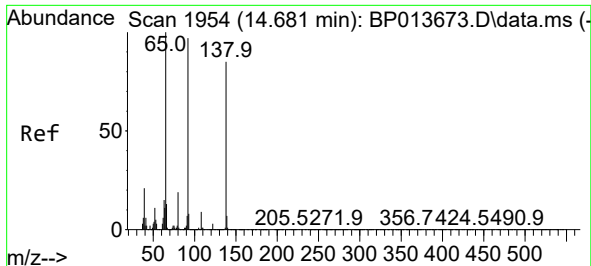
Tgt Ion: 65 Resp: 224
Ion Ratio Lower Upper
65 100
92 12.2 59.4 89.0#
138 6.9 88.6 133.0#



#51
2,6-Dinitrotoluene
Concen: 3.336 ng
RT: 14.381 min Scan# 1903
Delta R.T. 0.036 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

Tgt Ion:165 Resp: 240
Ion Ratio Lower Upper
165 100
63 43.2 39.8 59.6
89 58.1 42.4 63.6

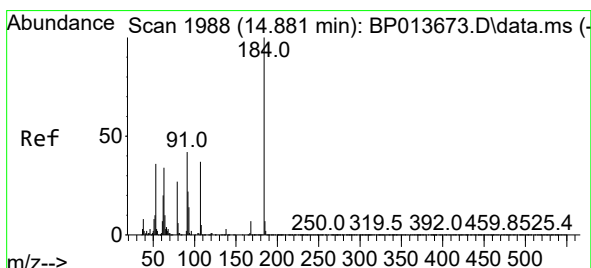
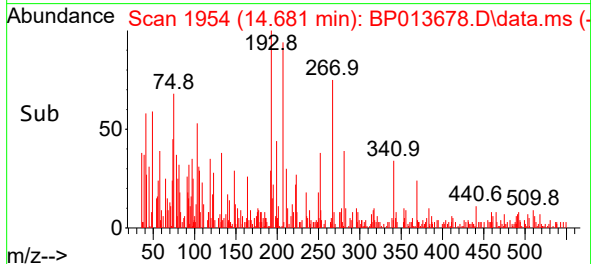
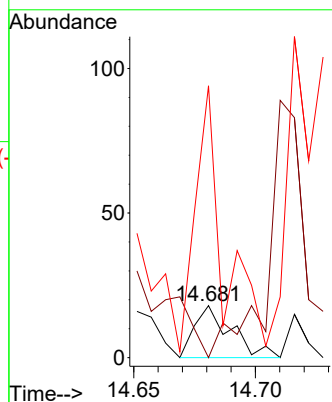
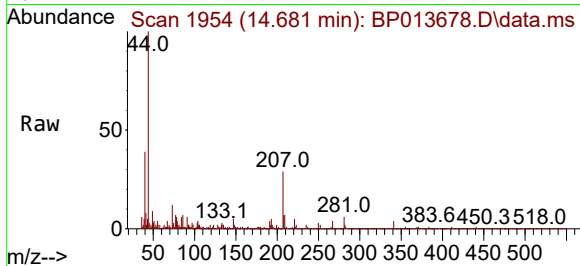




#53
3-Nitroaniline
Concen: 2.607 ng
RT: 14.681 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

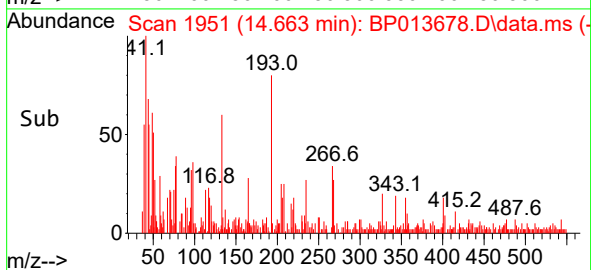
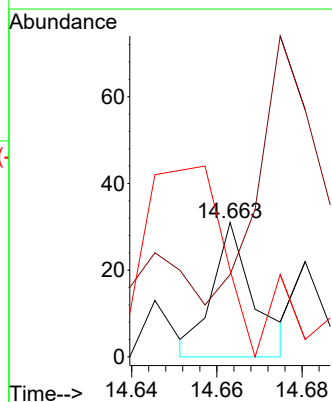
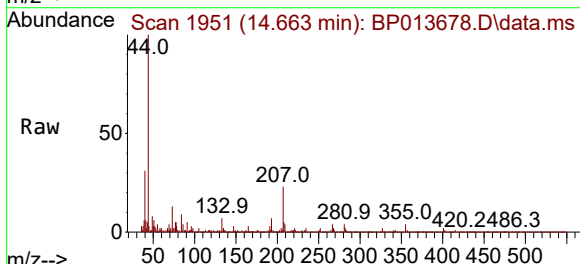
Instrument :
BNA_P
ClientSampleId :
PB150507BL

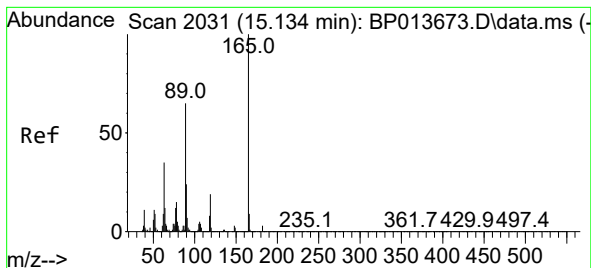
Tgt Ion:138 Resp: 19
Ion Ratio Lower Upper
138 100
108 0.0 8.5 12.7#
92 522.2 91.5 137.3#



#54
2,4-Dinitrophenol
Concen: 7.611 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.218 min
Lab File: BP013678.D
Acq: 31 Jan 2023 17:39

Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 61.3 41.4 62.0
154 64.5 44.3 66.5





#57

2,4-Dinitrotoluene

Concen: 4.071 ng

RT: 15.145 min Scan# 2031

Delta R.T. 0.011 min

Lab File: BP013678.D

Acq: 31 Jan 2023 17:39

Instrument :

BNA_P

ClientSampleId :

PB150507BL

Tgt Ion:165 Resp: 91

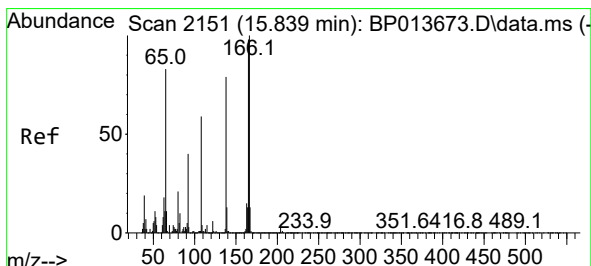
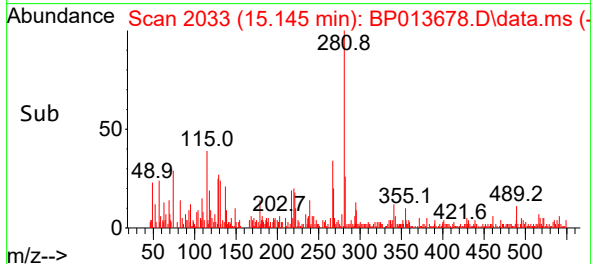
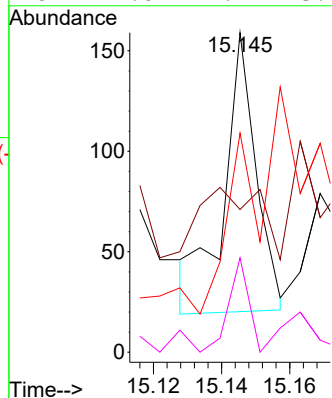
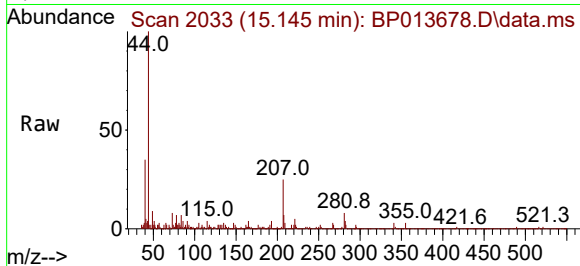
Ion Ratio Lower Upper

165 100

63 44.7 28.1 42.1#

89 68.6 52.0 78.0

182 29.6 2.2 3.4#



#62

4-Nitroaniline

Concen: 2.881 ng

RT: 15.839 min Scan# 2151

Delta R.T. 0.000 min

Lab File: BP013678.D

Acq: 31 Jan 2023 17:39

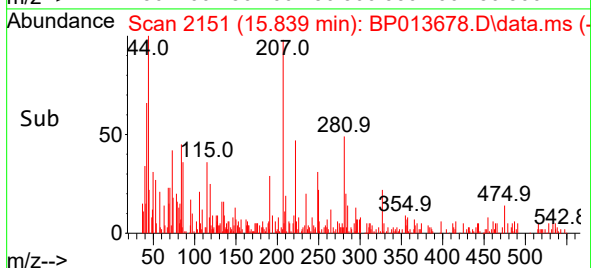
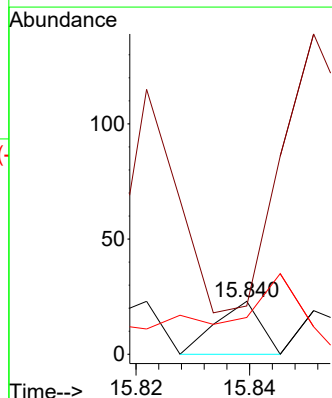
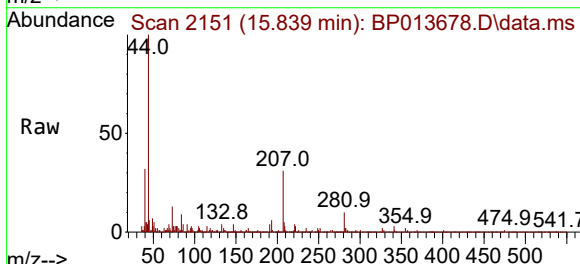
Tgt Ion:138 Resp: 13

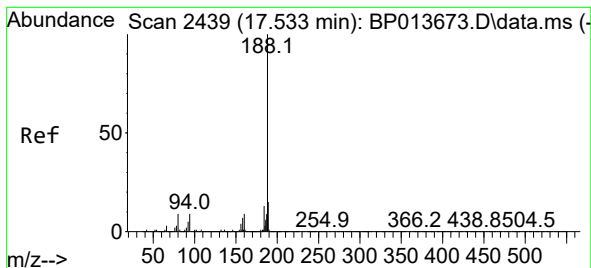
Ion Ratio Lower Upper

138 100

92 91.3 30.3 70.3#

108 69.6 55.4 95.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.528 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP013678.D

Acq: 31 Jan 2023 17:39

Instrument :

BNA_P

ClientSampleId :

PB150507BL

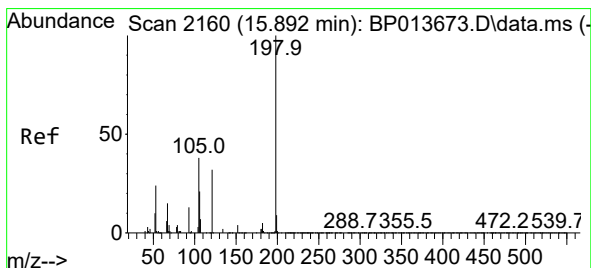
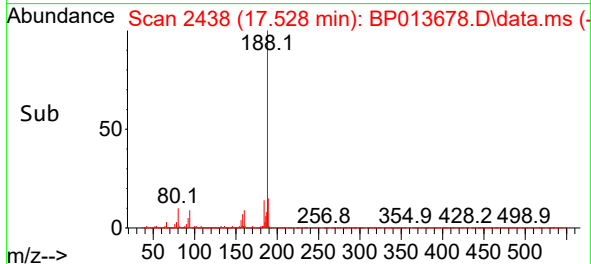
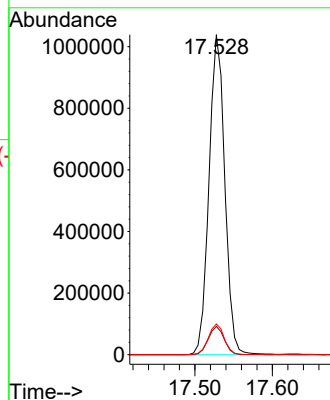
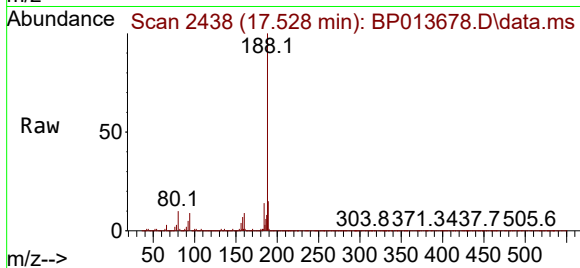
Tgt Ion:188 Resp: 1469886

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

80 9.6 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.099 ng

RT: 15.881 min Scan# 2158

Delta R.T. -0.011 min

Lab File: BP013678.D

Acq: 31 Jan 2023 17:39

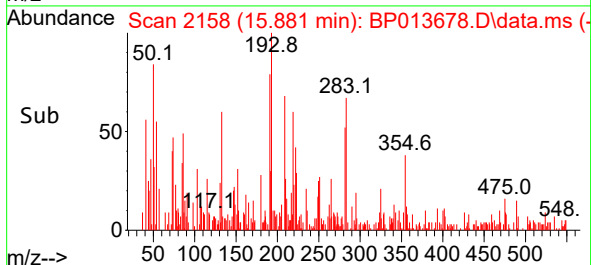
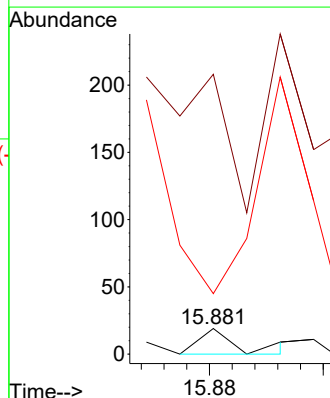
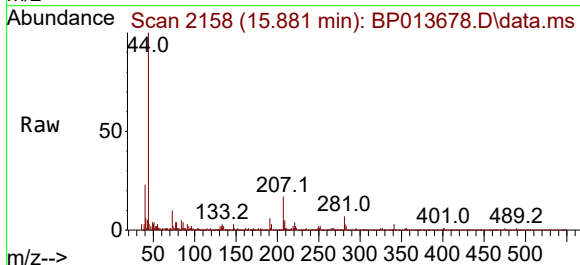
Tgt Ion:198 Resp: 10

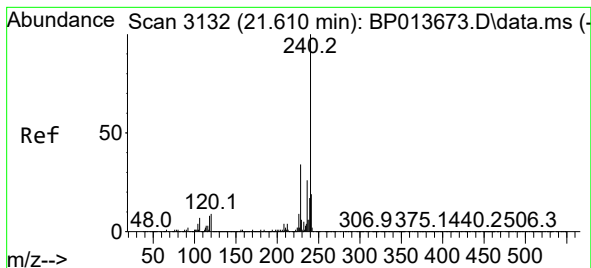
Ion Ratio Lower Upper

198 100

51 1094.7 15.4 55.4#

105 236.8 18.3 58.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013678.D

Acq: 31 Jan 2023 17:39

Instrument :

BNA_P

ClientSampleId :

PB150507BL

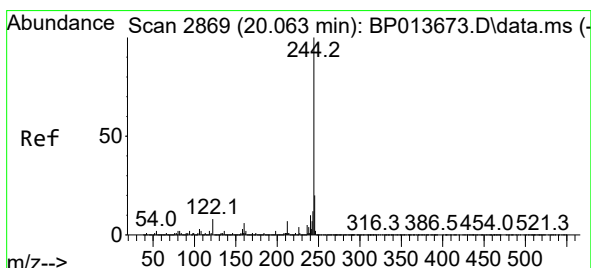
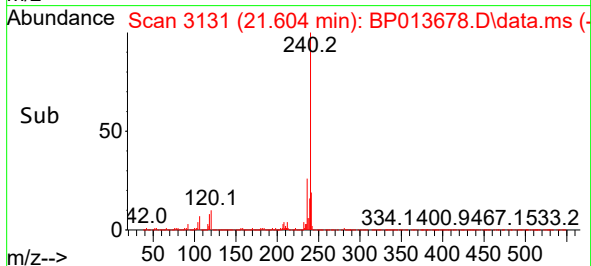
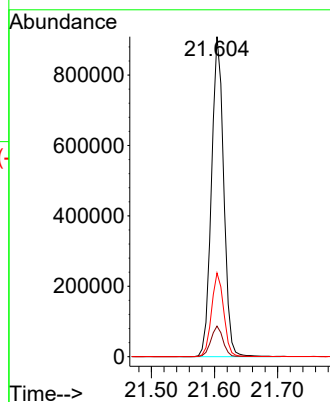
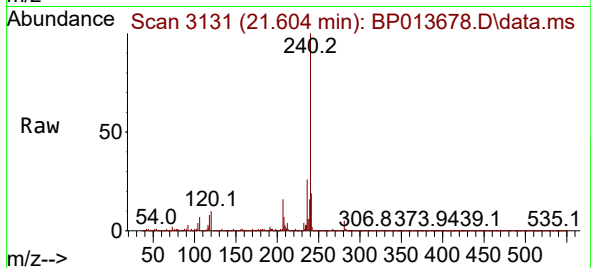
Tgt Ion:240 Resp: 1219669

Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

236 26.2 20.6 30.8



#79

Terphenyl-d14

Concen: 102.494 ng

RT: 20.057 min Scan# 2868

Delta R.T. -0.006 min

Lab File: BP013678.D

Acq: 31 Jan 2023 17:39

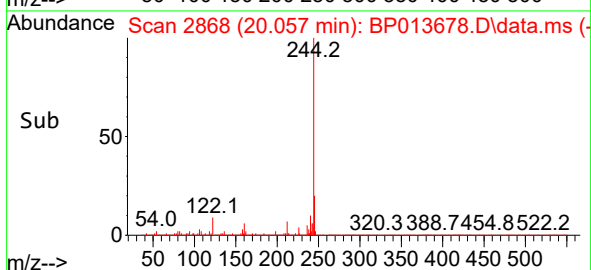
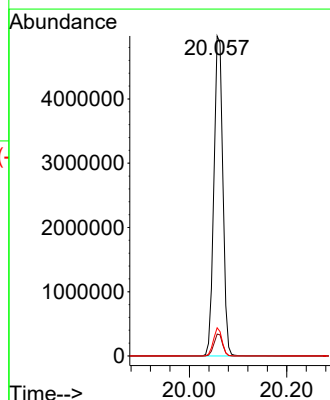
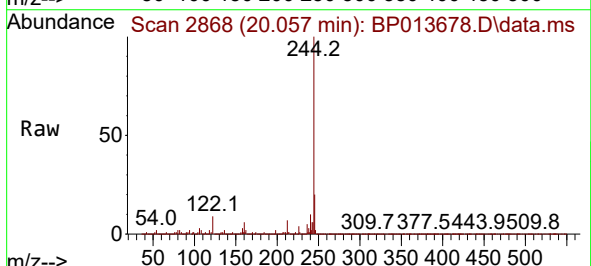
Tgt Ion:244 Resp: 6295319

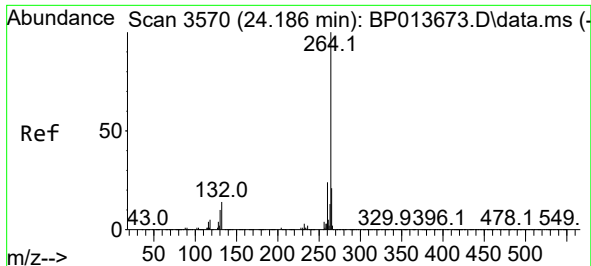
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.8 6.5 9.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.180 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP013678.D
 Acq: 31 Jan 2023 17:39

Instrument :
 BNA_P
 ClientSampleId :
 PB150507BL

Tgt Ion:264 Resp: 1243982
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 22.0 17.4 26.0

