

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013680.D
 Acq On : 31 Jan 2023 18:47
 Operator : CG/JU
 Sample : PB150555BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150555BL

Quant Time: Feb 01 06:30:03 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)

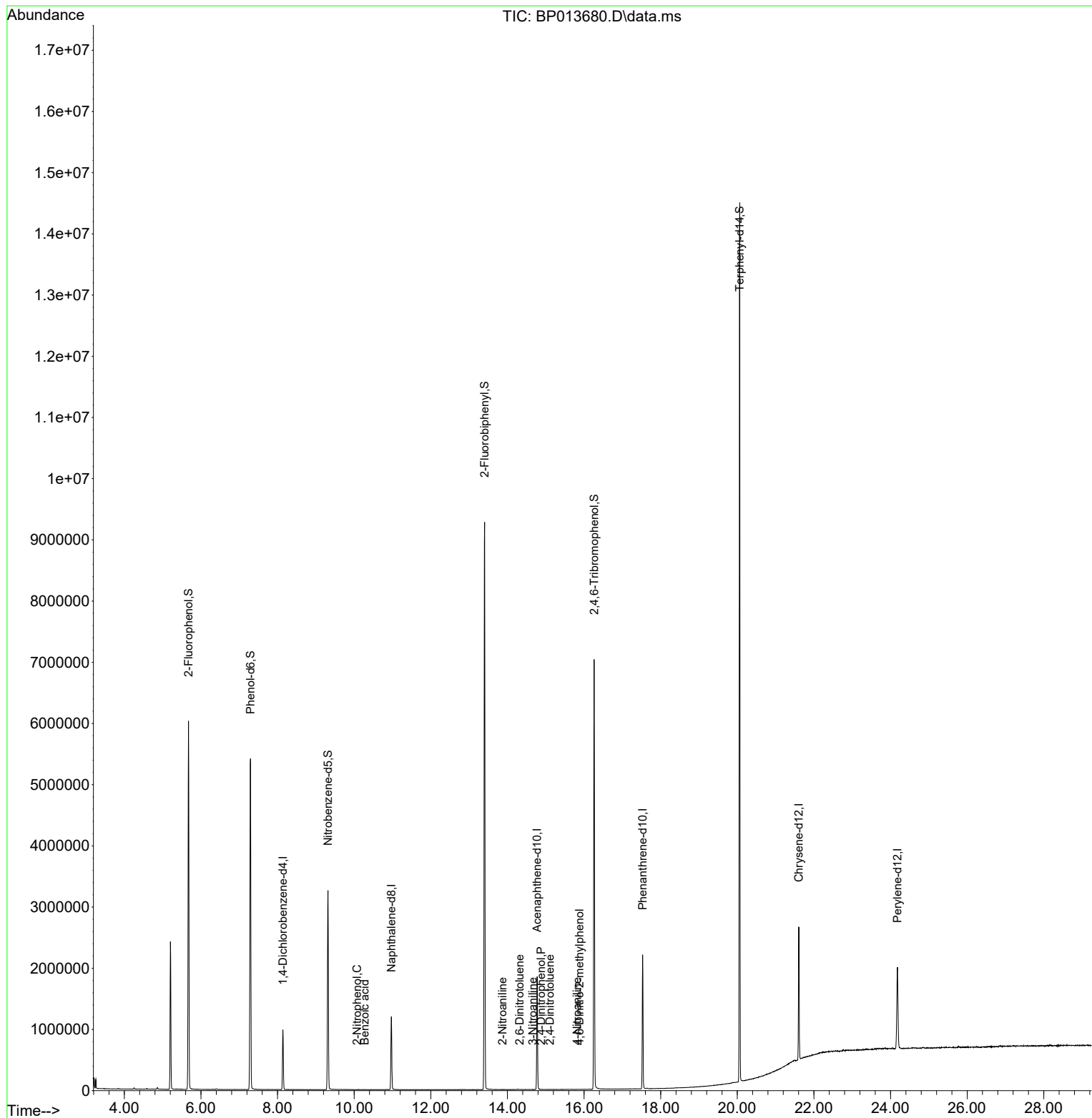
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	267704	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	1006528	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	630803	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	1327988	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1088201	20.000	ng	0.00
86) Perylene-d12	24.180	264	1102534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	2669179	170.444	ng	0.00
7) Phenol-d6	7.293	99	3389319	162.454	ng	0.00
23) Nitrobenzene-d5	9.316	82	1914904	110.667	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	1537691	162.523	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	5015406	111.254	ng	0.00
79) Terphenyl-d14	20.063	244	7354809	134.211	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.075	139	11	2.807	ng	# 1
32) Benzoic acid	10.275	122	160	3.958	ng	94
48) 2-Nitroaniline	13.869	65	100	4.497	ng	# 22
51) 2,6-Dinitrotoluene	14.316	165	77	3.323	ng	# 67
53) 3-Nitroaniline	14.663	138	7	2.606	ng	# 1
54) 2,4-Dinitrophenol	14.875	184	63	7.617	ng	# 52
57) 2,4-Dinitrotoluene	15.110	165	122	4.074	ng	# 47
62) 4-Nitroaniline	15.816	138	7	2.880	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.881	198	16	6.100	ng	# 1

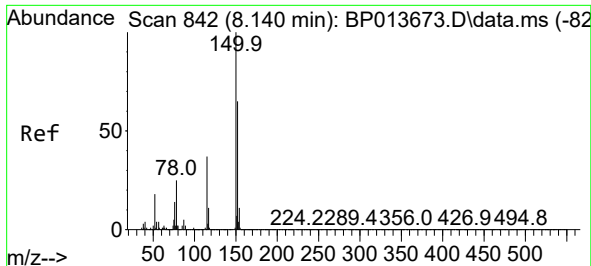
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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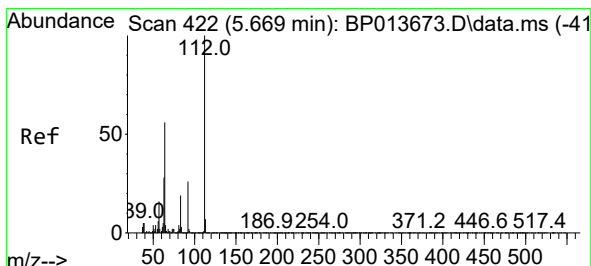
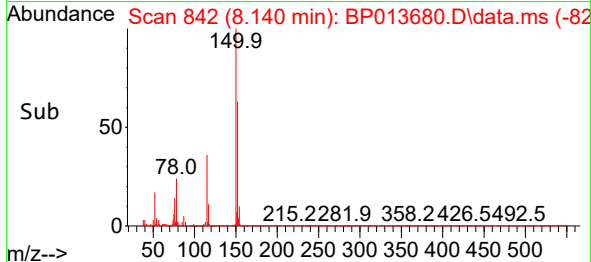
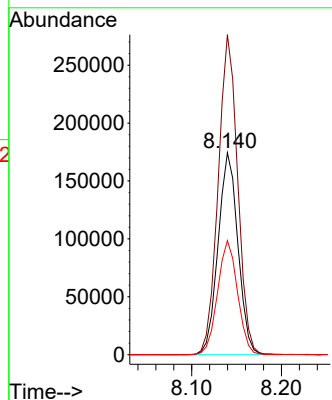
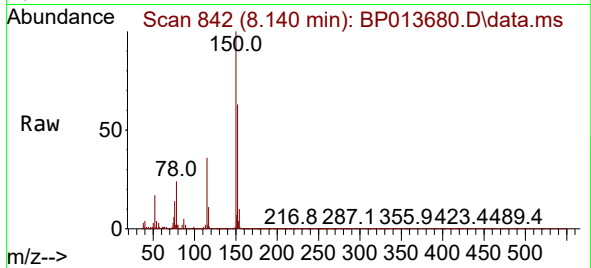




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 842
Delta R.T. -0.000 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

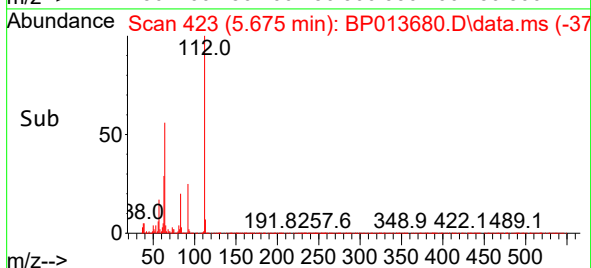
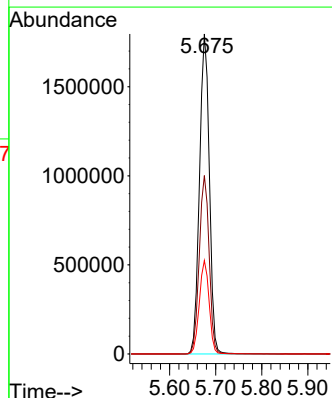
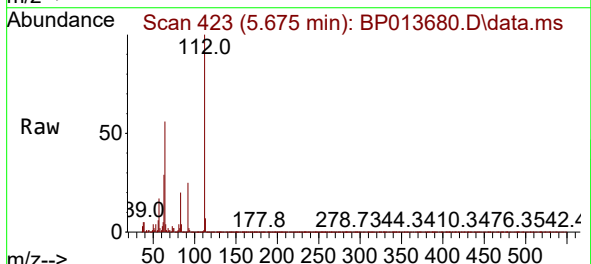
Instrument :
BNA_P
ClientSampleId :
PB150555BL

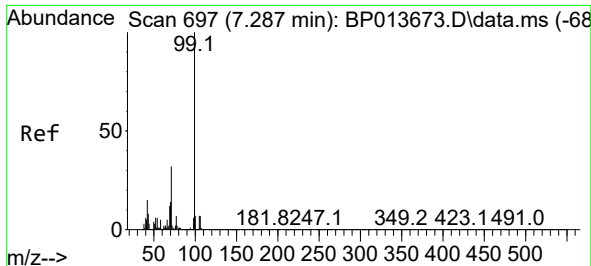
Tgt Ion:152 Resp: 267704
Ion Ratio Lower Upper
152 100
150 158.5 123.6 185.4
115 56.5 45.4 68.0



#5
2-Fluorophenol
Concen: 170.444 ng
RT: 5.675 min Scan# 423
Delta R.T. 0.006 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

Tgt Ion:112 Resp: 2669179
Ion Ratio Lower Upper
112 100
64 55.8 44.6 67.0
63 29.2 22.6 34.0

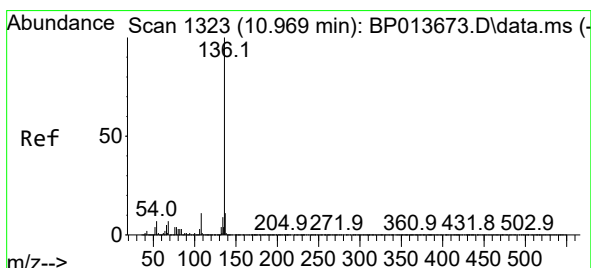
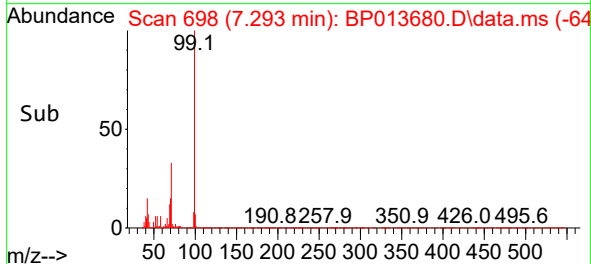
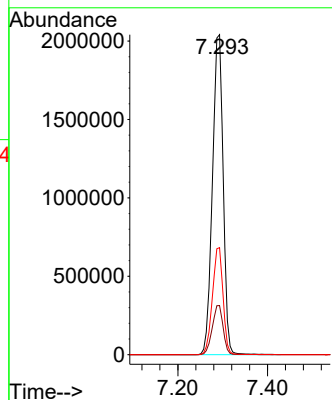
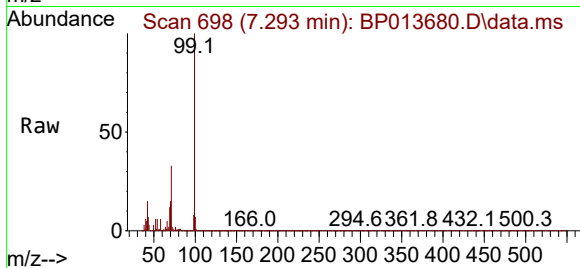




#7
Phenol-d6
Concen: 162.454 ng
RT: 7.293 min Scan# 698
Delta R.T. 0.006 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

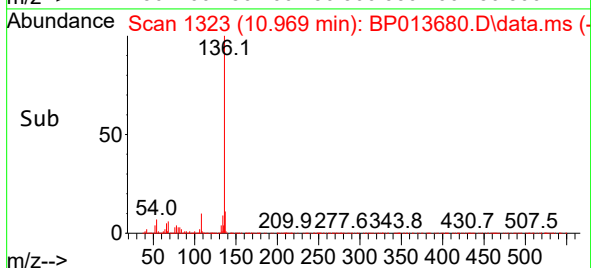
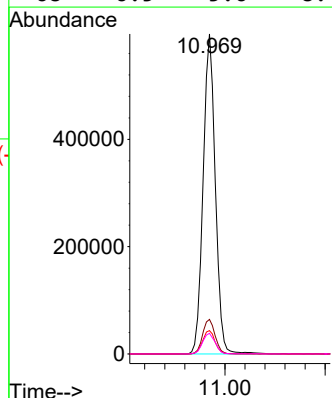
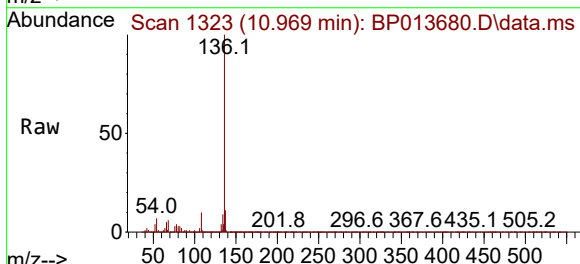
Instrument :
BNA_P
ClientSampleId :
PB150555BL

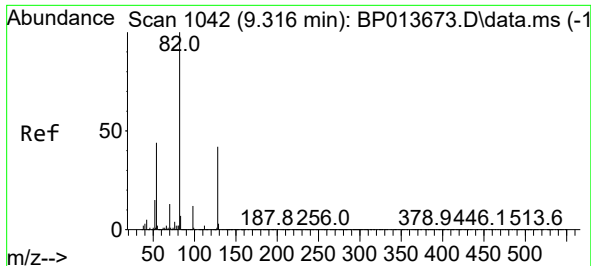
Tgt Ion: 99 Resp: 3389319
Ion Ratio Lower Upper
99 100
42 15.4 11.8 17.6
71 33.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

Tgt Ion: 136 Resp: 1006528
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.3 6.0 9.0
68 6.5 5.6 8.4

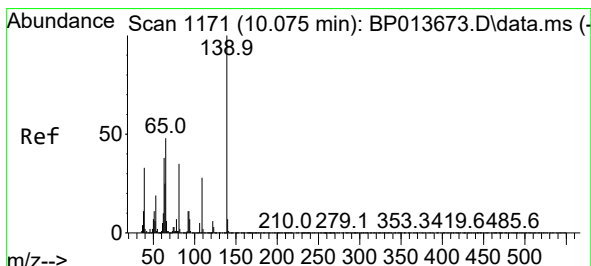
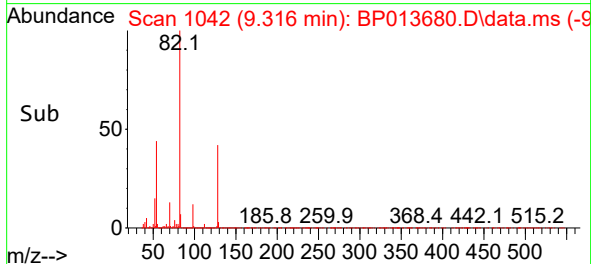
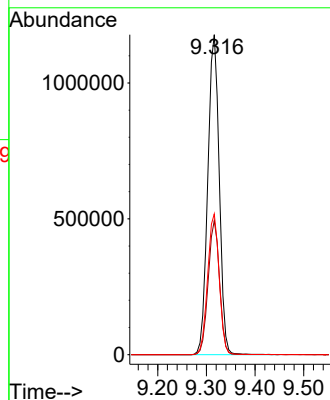
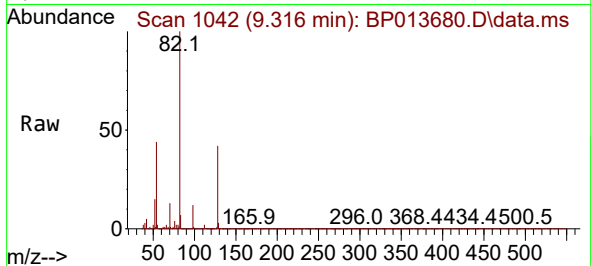




#23
Nitrobenzene-d5
Concen: 110.667 ng
RT: 9.316 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

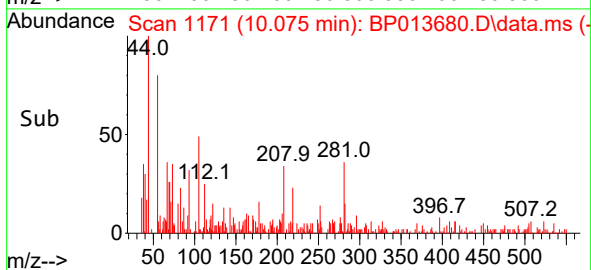
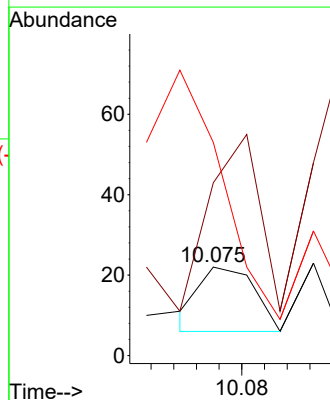
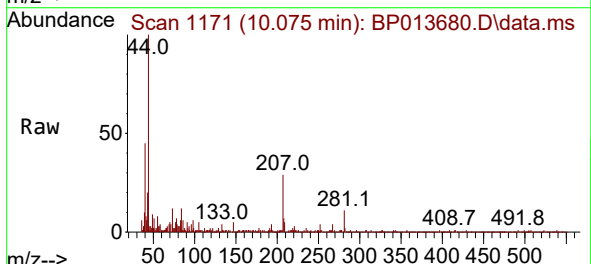
Instrument :
BNA_P
ClientSampleId :
PB150555BL

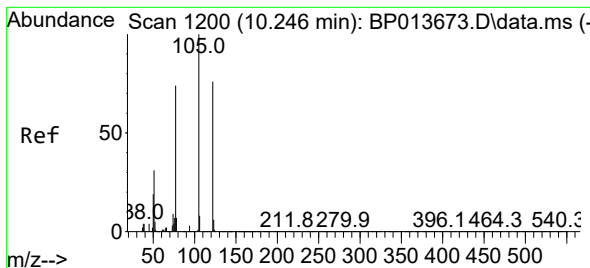
Tgt Ion: 82 Resp: 1914904
Ion Ratio Lower Upper
82 100
128 41.9 33.4 50.0
54 44.0 35.4 53.0



#26
2-Nitrophenol
Concen: 2.807 ng
RT: 10.075 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

Tgt Ion:139 Resp: 11
Ion Ratio Lower Upper
139 100
109 195.5 22.7 34.1#
65 240.9 38.8 58.2#





#32

Benzoic acid

Concen: 3.958 ng

RT: 10.275 min Scan# 11

Delta R.T. 0.029 min

Lab File: BP013680.D

Acq: 31 Jan 2023 18:47

Instrument :

BNA_P

ClientSampleId :

PB150555BL

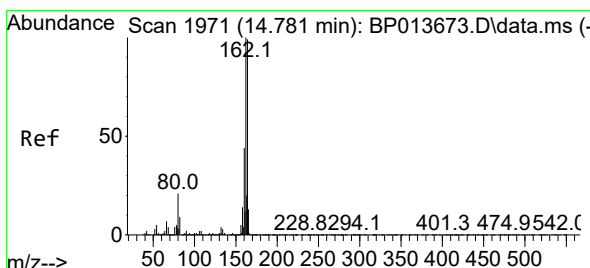
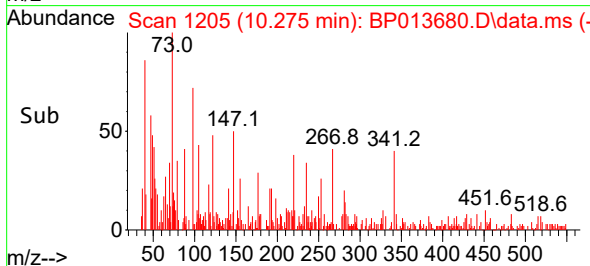
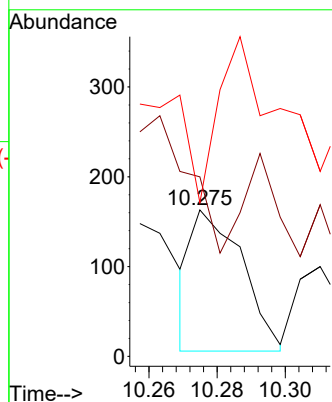
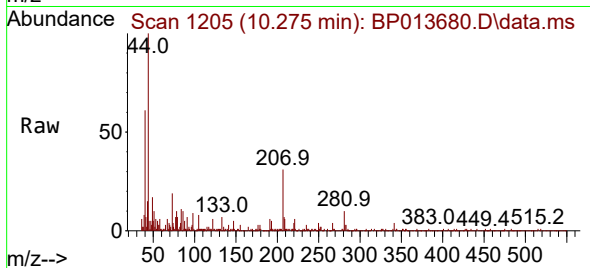
Tgt Ion:122 Resp: 160

Ion Ratio Lower Upper

122 100

105 122.7 105.5 145.5

77 104.9 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: BP013680.D

Acq: 31 Jan 2023 18:47

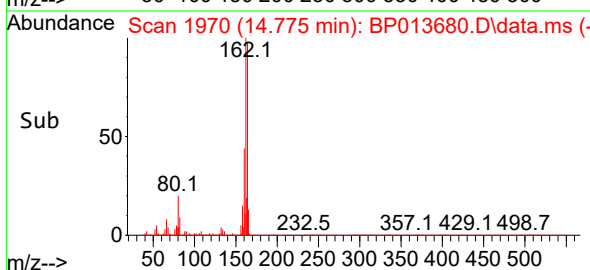
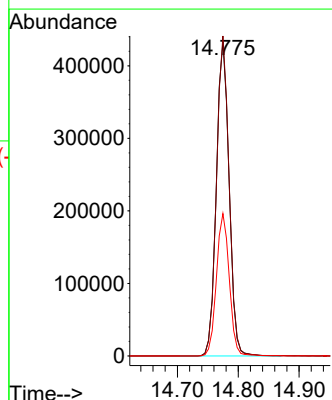
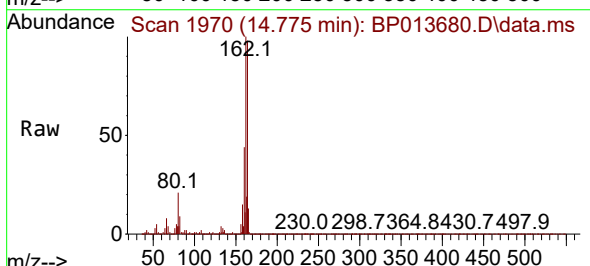
Tgt Ion:164 Resp: 630803

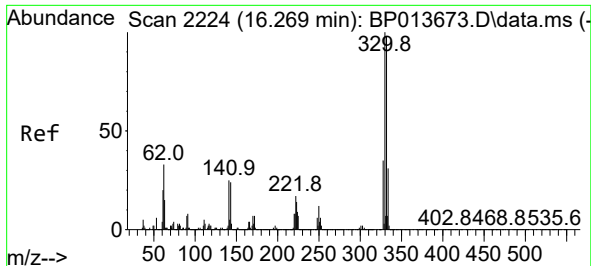
Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

160 45.3 35.6 53.4

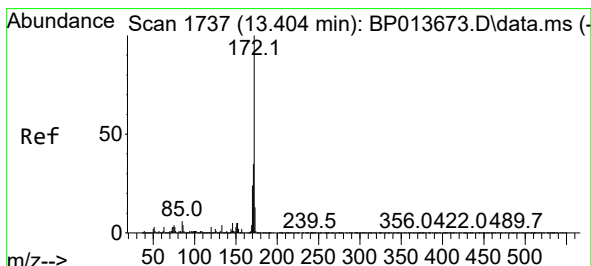
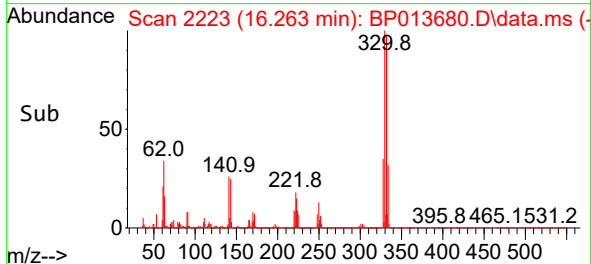
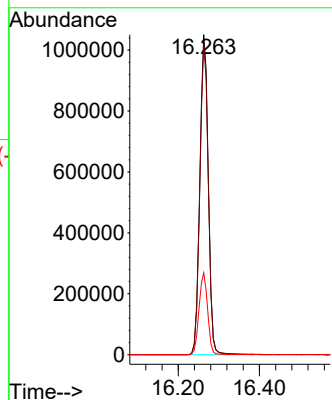
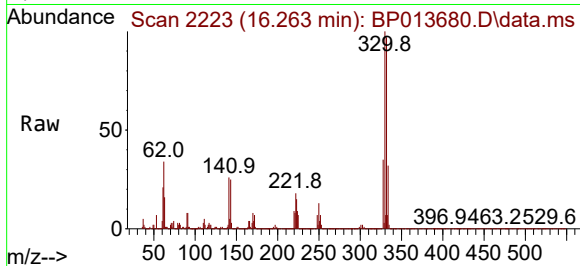




#42
2,4,6-Tribromophenol
Concen: 162.523 ng
RT: 16.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

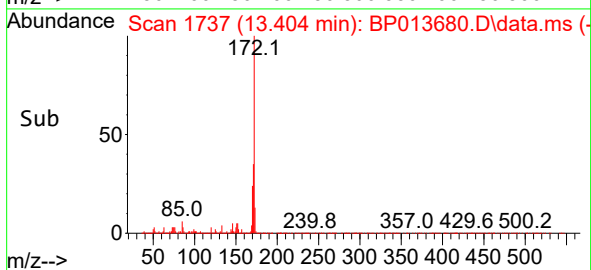
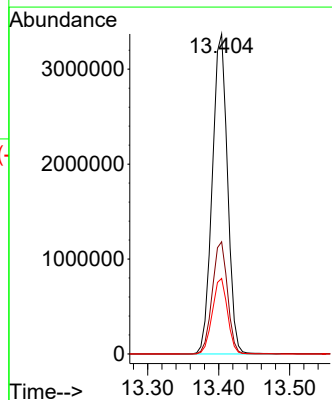
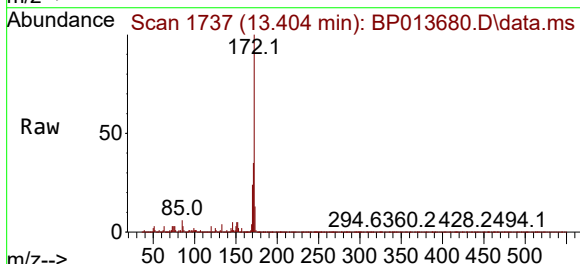
Instrument :
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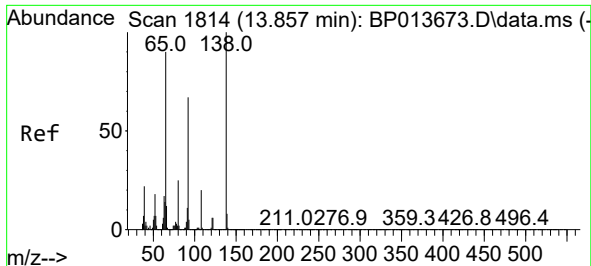
Tgt Ion:330 Resp: 1537691
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 25.9 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 111.254 ng
RT: 13.404 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

Tgt Ion:172 Resp: 5015406
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.6 19.0 28.4

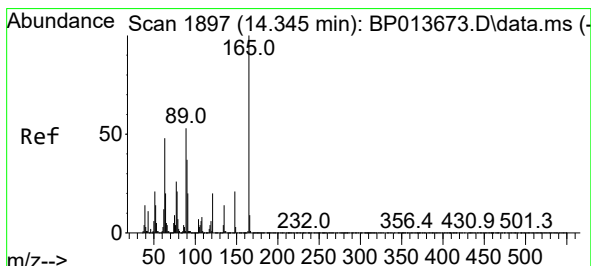
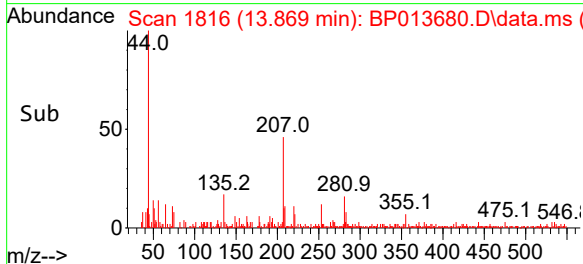
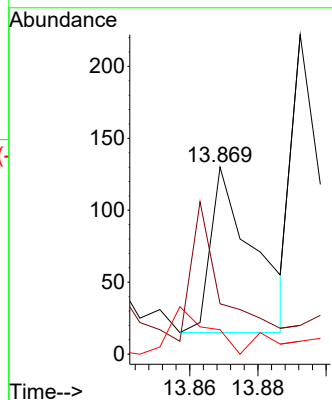
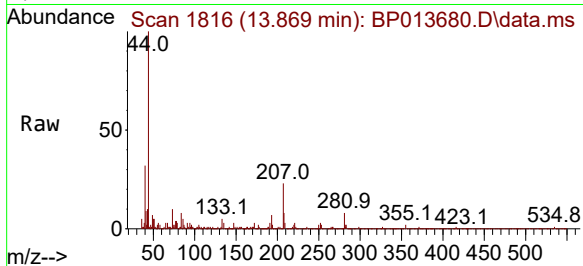




#48
2-Nitroaniline
Concen: 4.497 ng
RT: 13.869 min Scan# 1814
Delta R.T. 0.012 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

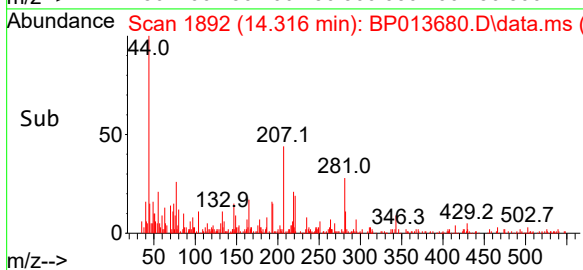
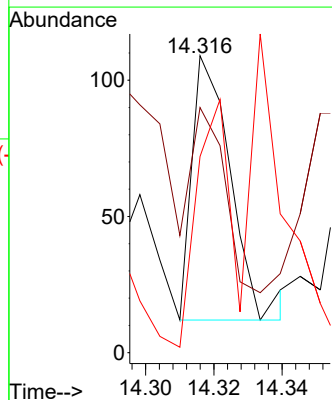
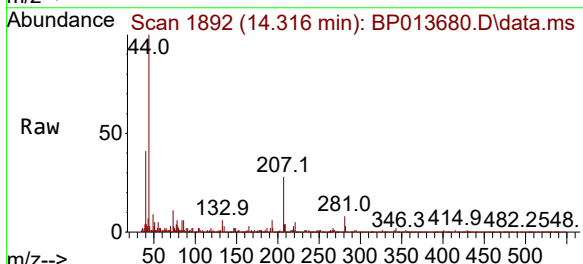
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PB150555BL

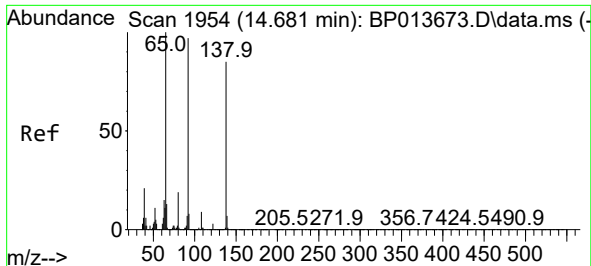
Tgt Ion: 65 Resp: 100
Ion Ratio Lower Upper
65 100
92 26.9 59.4 89.0#
138 13.1 88.6 133.0#



#51
2,6-Dinitrotoluene
Concen: 3.323 ng
RT: 14.316 min Scan# 1892
Delta R.T. -0.029 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

Tgt Ion: 165 Resp: 77
Ion Ratio Lower Upper
165 100
63 82.6 39.8 59.6#
89 66.1 42.4 63.6#

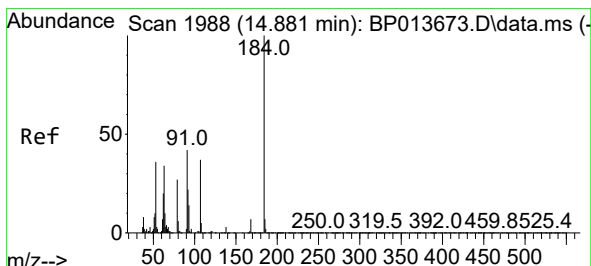
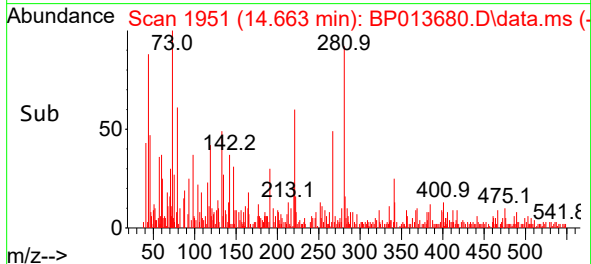
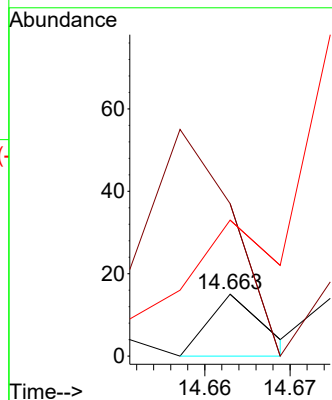
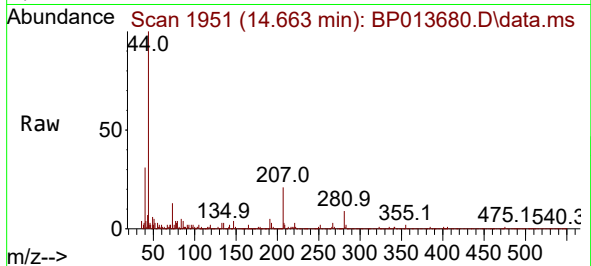




#53
3-Nitroaniline
Concen: 2.606 ng
RT: 14.663 min Scan# 1954
Delta R.T. -0.018 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

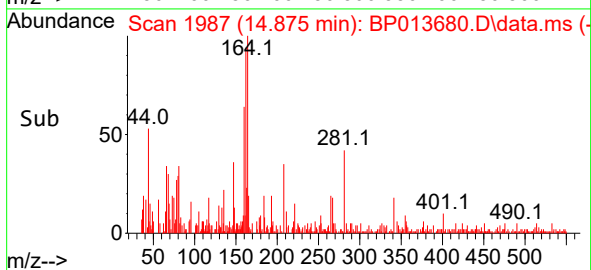
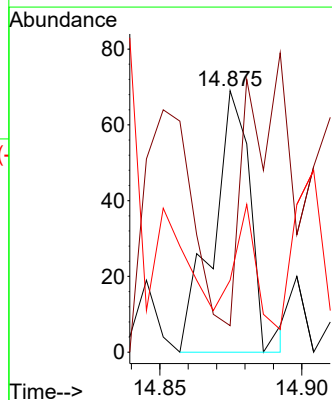
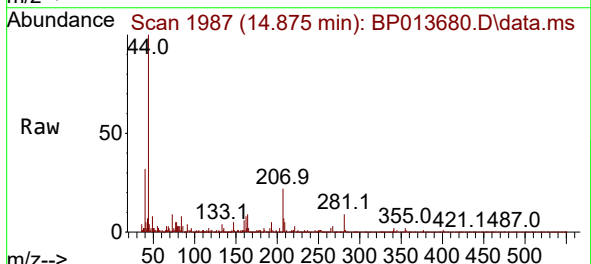
Instrument :
BNA_P
ClientSampleId :
PB150555BL

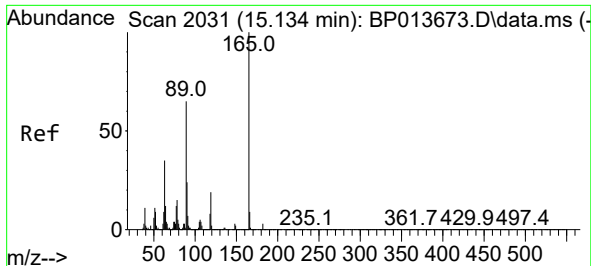
Tgt Ion:138 Resp: 7
Ion Ratio Lower Upper
138 100
108 300.0 8.5 12.7#
92 220.0 91.5 137.3#



#54
2,4-Dinitrophenol
Concen: 7.617 ng
RT: 14.875 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 10.1 41.4 62.0#
154 27.5 44.3 66.5#

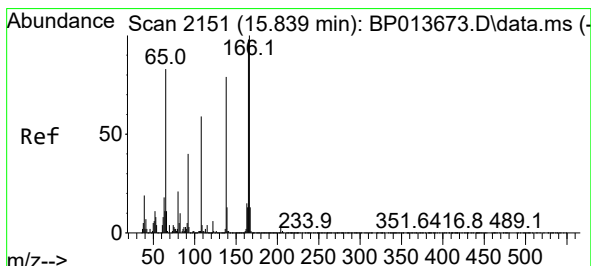
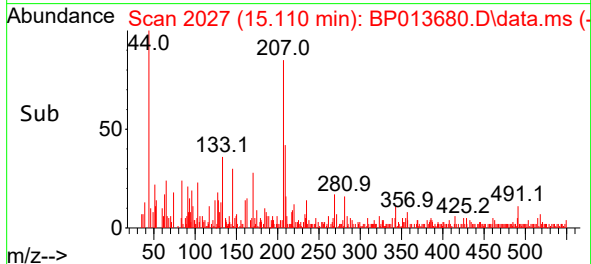
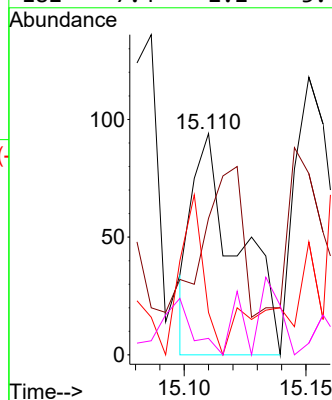
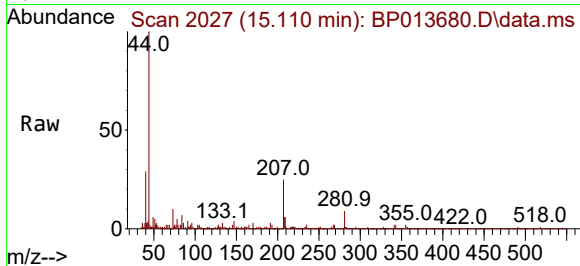




#57
2,4-Dinitrotoluene
Concen: 4.074 ng
RT: 15.110 min Scan# 2031
Delta R.T. -0.024 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

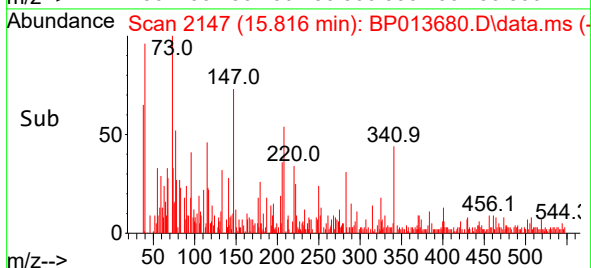
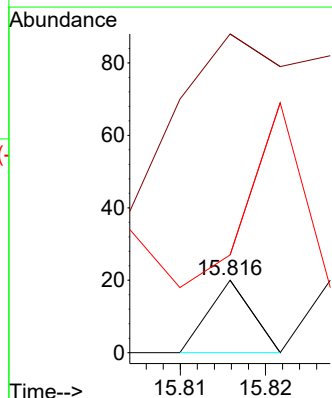
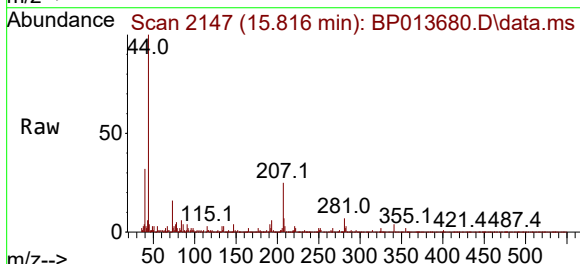
Instrument :
BNA_P
ClientSampleId :
PB150555BL

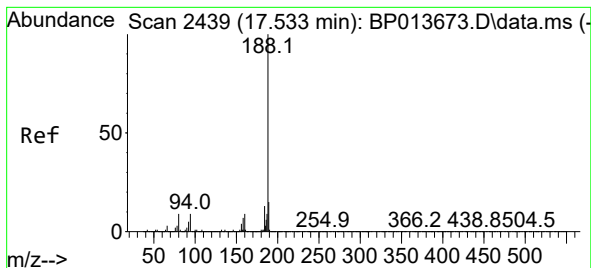
Tgt Ion:165 Resp: 122
Ion Ratio Lower Upper
165 100
63 61.7 28.1 42.1#
89 19.1 52.0 78.0#
182 7.4 2.2 3.4#



#62
4-Nitroaniline
Concen: 2.880 ng
RT: 15.816 min Scan# 2147
Delta R.T. -0.023 min
Lab File: BP013680.D
Acq: 31 Jan 2023 18:47

Tgt Ion:138 Resp: 7
Ion Ratio Lower Upper
138 100
92 440.0 30.3 70.3#
108 135.0 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: BP013680.D

Acq: 31 Jan 2023 18:47

Instrument :

BNA_P

ClientSampleId :

PB150555BL

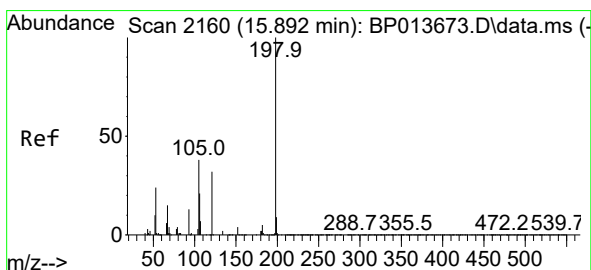
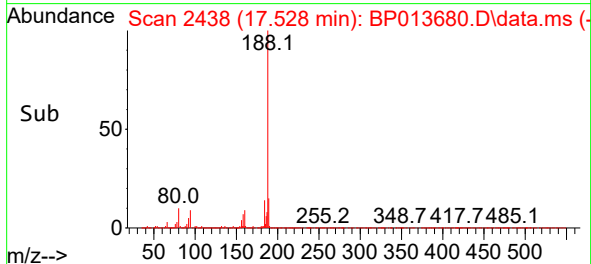
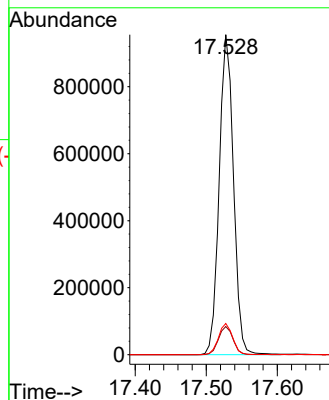
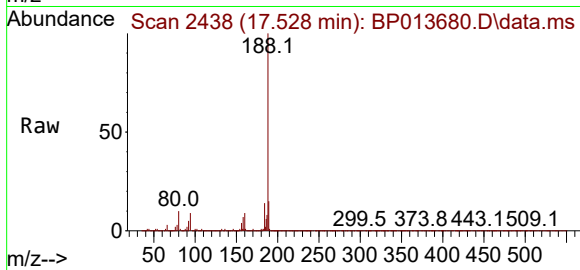
Tgt Ion:188 Resp: 1327988

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 9.8 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.100 ng

RT: 15.881 min Scan# 2158

Delta R.T. -0.011 min

Lab File: BP013680.D

Acq: 31 Jan 2023 18:47

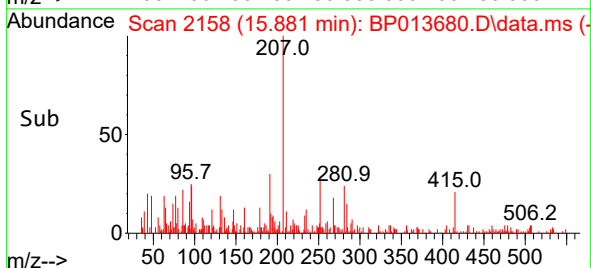
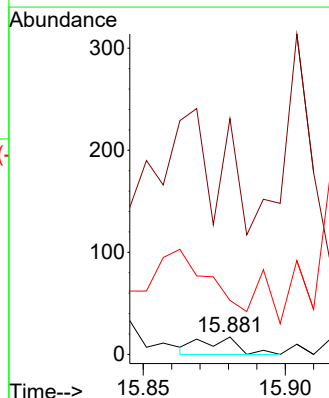
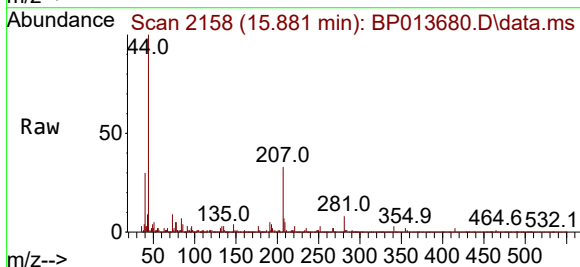
Tgt Ion:198 Resp: 16

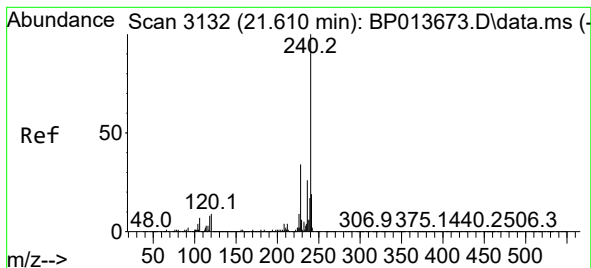
Ion Ratio Lower Upper

198 100

51 1358.8 15.4 55.4#

105 311.8 18.3 58.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BP013680.D

Acq: 31 Jan 2023 18:47

Instrument :

BNA_P

ClientSampleId :

PB150555BL

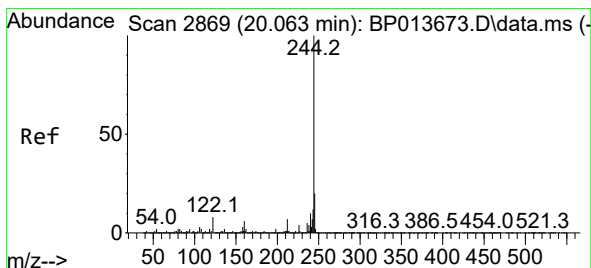
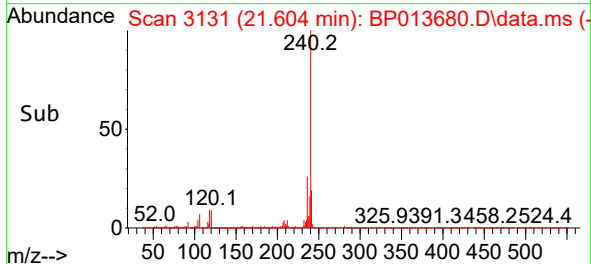
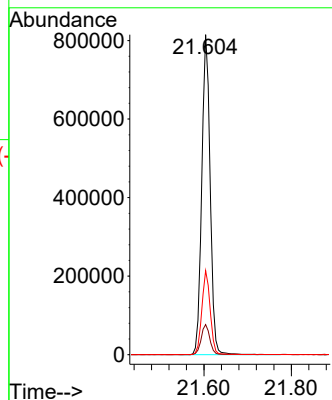
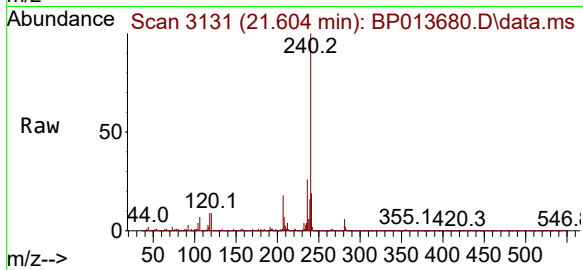
Tgt Ion:240 Resp: 1088201

Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 26.2 20.6 30.8



#79

Terphenyl-d14

Concen: 134.211 ng

RT: 20.063 min Scan# 2869

Delta R.T. -0.000 min

Lab File: BP013680.D

Acq: 31 Jan 2023 18:47

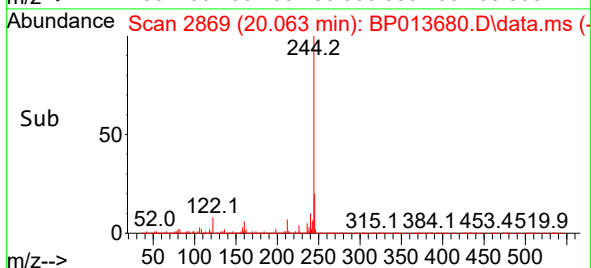
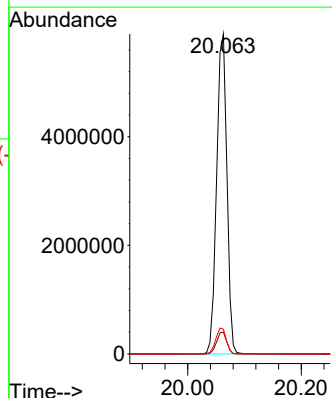
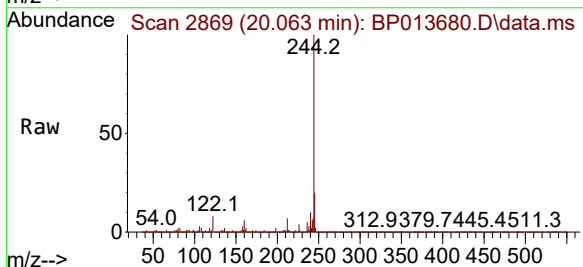
Tgt Ion:244 Resp: 7354809

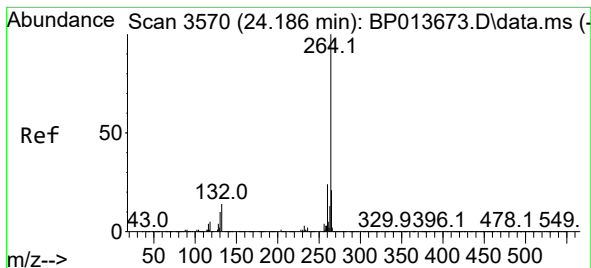
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 7.7 6.5 9.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013680.D

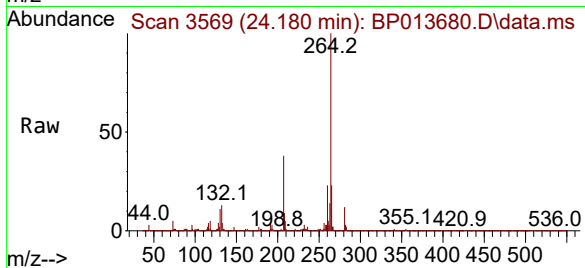
Acq: 31 Jan 2023 18:47

Instrument :

BNA_P

ClientSampleId :

PB150555BL



Tgt Ion:264 Resp: 1102534

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 23.0 17.4 26.0

