

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011789.D
 Acq On : 23 Sep 2022 18:45
 Operator : CG/JU
 Sample : N4732-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1

Quant Time: Sep 24 01:37:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 02:45:14 2022
 Response via : Initial Calibration

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

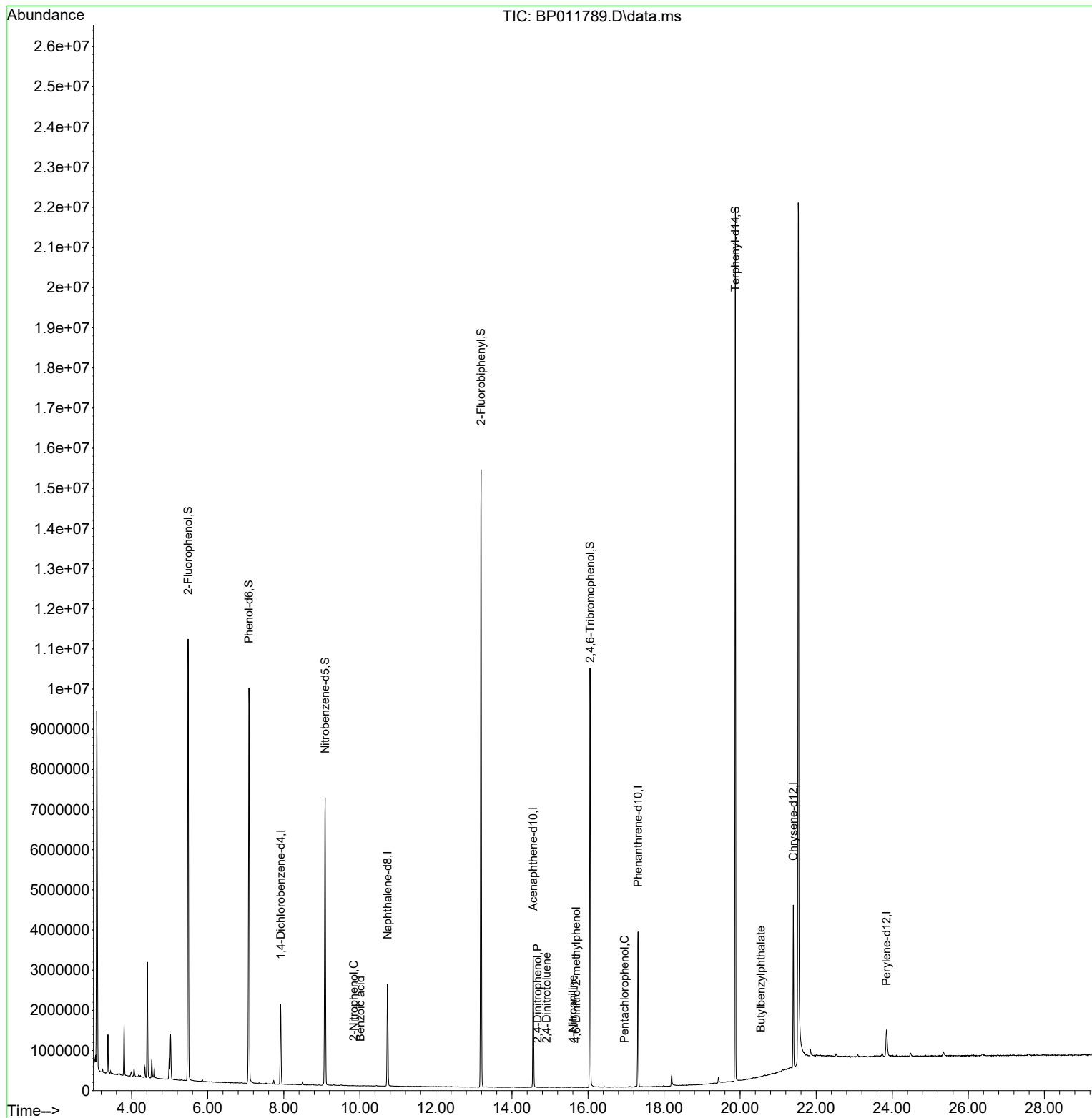
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	520645	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	2090094	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	1038050	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	2061412	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1504534	20.000	ng	0.00
86) Perylene-d12	23.845	264	224215	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4923930	165.939	ng	0.00
7) Phenol-d6	7.081	99	5905232	134.593	ng	0.00
23) Nitrobenzene-d5	9.087	82	4202915	105.250	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1340669	191.807	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	7463544	113.701	ng	0.00
79) Terphenyl-d14	19.875	244	9047061	138.264	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.840	139	67	3.335	ng	# 1
32) Benzoic acid	10.010	122	103	6.762	ng	# 1
54) 2,4-Dinitrophenol	14.669	184	32	6.730	ng	# 1
57) 2,4-Dinitrotoluene	14.910	165	181	2.546	ng	# 44
62) 4-Nitroaniline	15.598	138	58	2.388	ng	# 55
65) 4,6-Dinitro-2-methylph...	15.687	198	15	5.622	ng	# 1
70) Pentachlorophenol	16.963	266	17	4.385	ng	# 67
80) Butylbenzylphthalate	20.545	149	333	2.690	ng	# 86

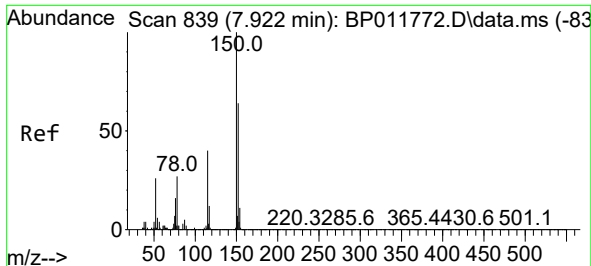
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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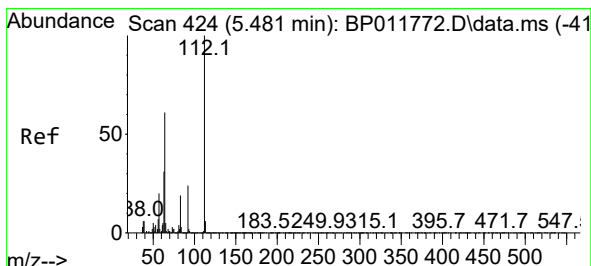
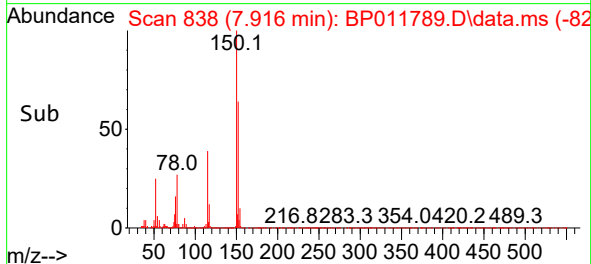
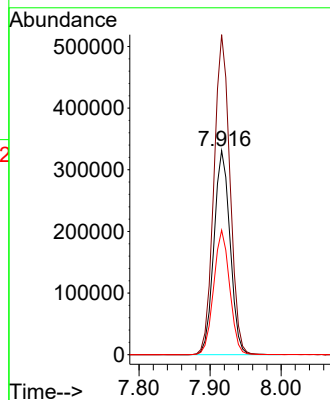
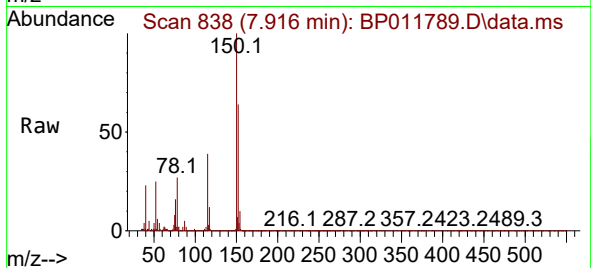




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011789.D
Acq: 23 Sep 2022 18:45

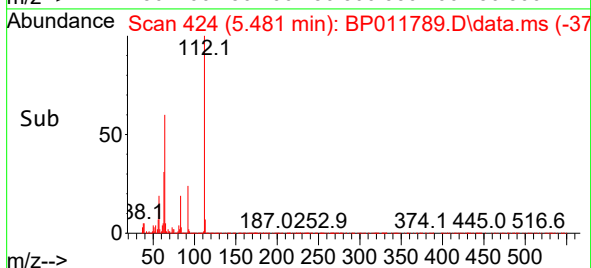
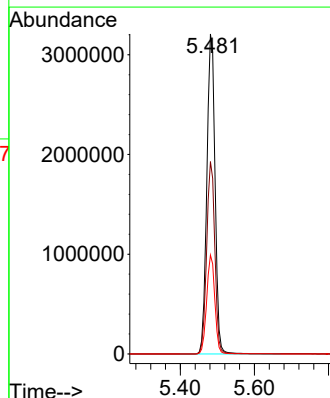
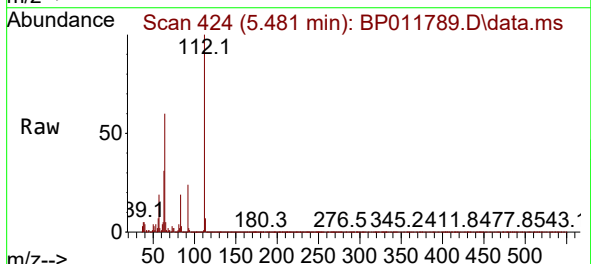
Instrument :
BNA_P
ClientSampleId :
WC-1

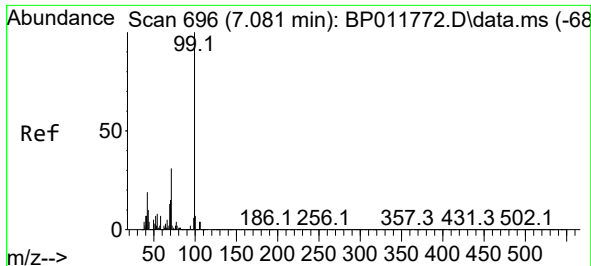
Tgt Ion:152 Resp: 520645
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.4
115 61.0 50.0 75.0



#5
2-Fluorophenol
Concen: 165.939 ng
RT: 5.481 min Scan# 424
Delta R.T. 0.000 min
Lab File: BP011789.D
Acq: 23 Sep 2022 18:45

Tgt Ion:112 Resp: 4923930
Ion Ratio Lower Upper
112 100
64 60.1 49.2 73.8
63 30.9 25.2 37.8

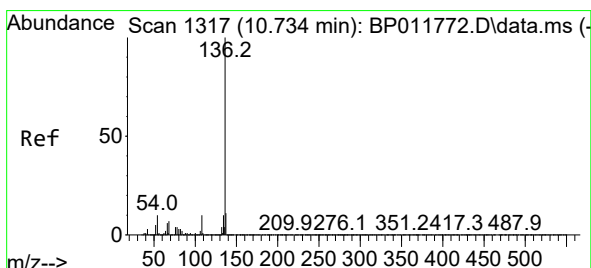
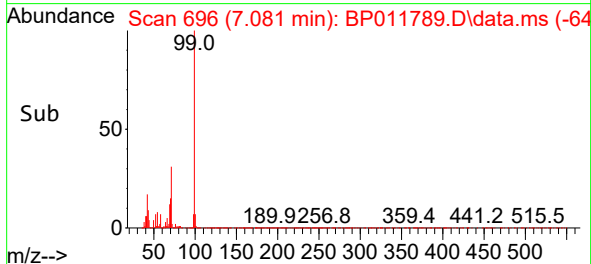
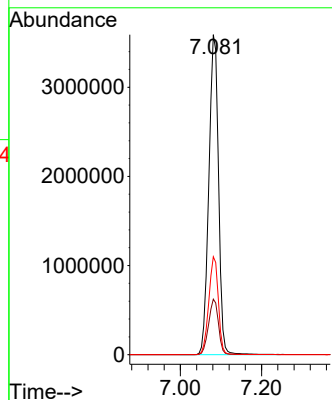
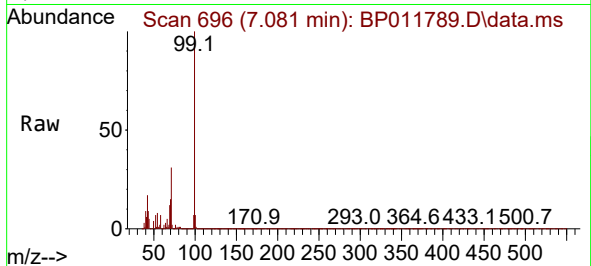




#7
Phenol-d6
Concen: 134.593 ng
RT: 7.081 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP011789.D
Acq: 23 Sep 2022 18:45

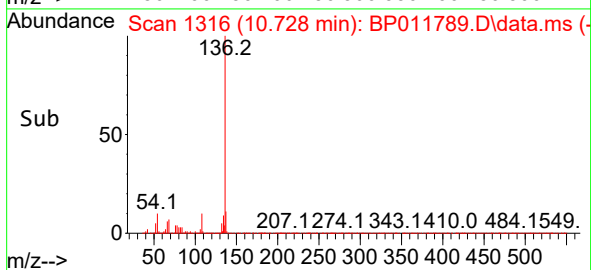
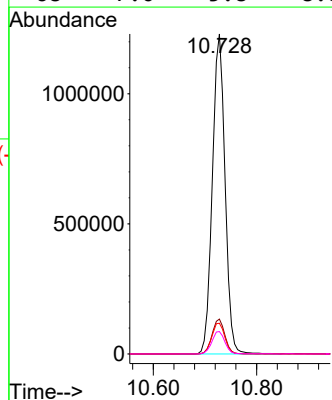
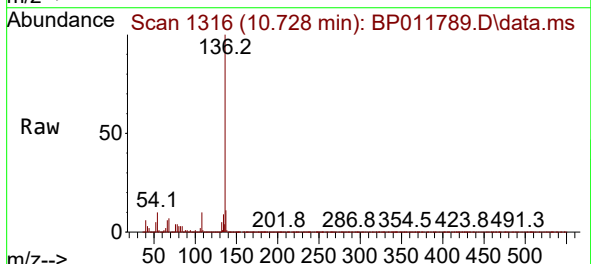
Instrument :
BNA_P
ClientSampleId :
WC-1

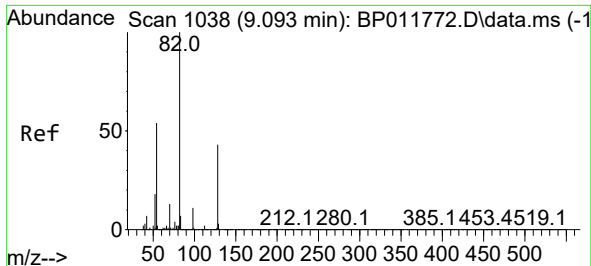
Tgt Ion: 99 Resp: 5905232
Ion Ratio Lower Upper
99 100
42 17.4 15.4 23.2
71 30.6 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP011789.D
Acq: 23 Sep 2022 18:45

Tgt Ion:136 Resp: 2090094
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.6 8.2 12.4
68 7.0 5.8 8.8

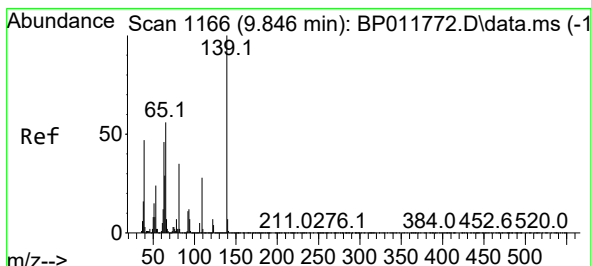
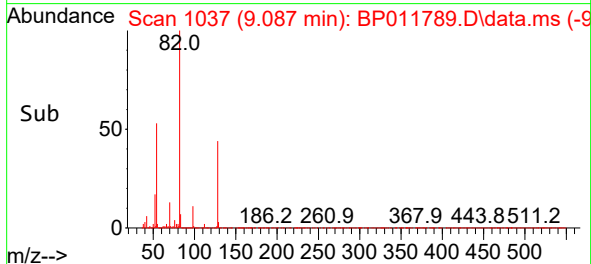
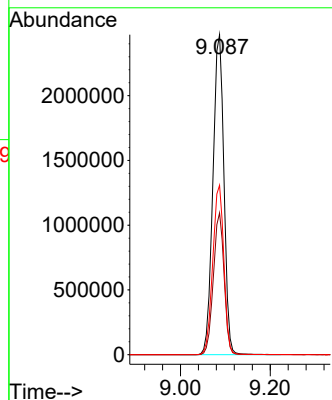
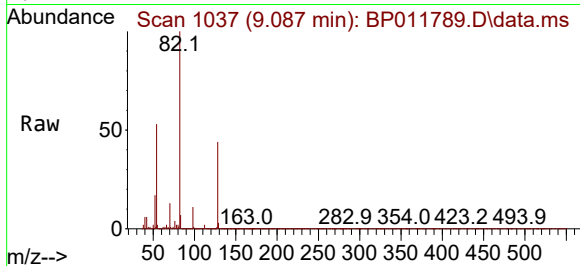




#23
Nitrobenzene-d5
Concen: 105.250 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BP011789.D
Acq: 23 Sep 2022 18:45

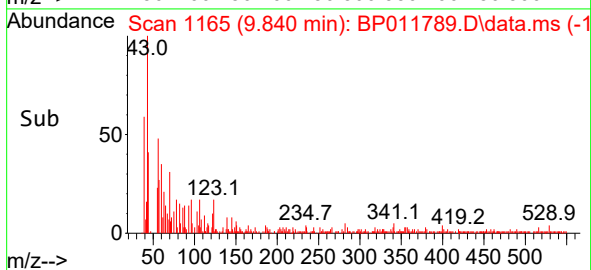
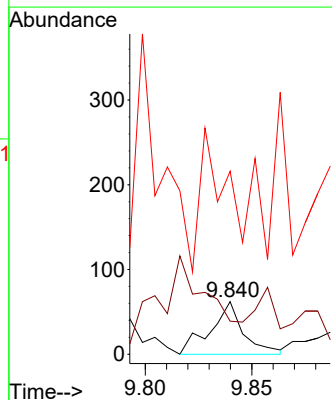
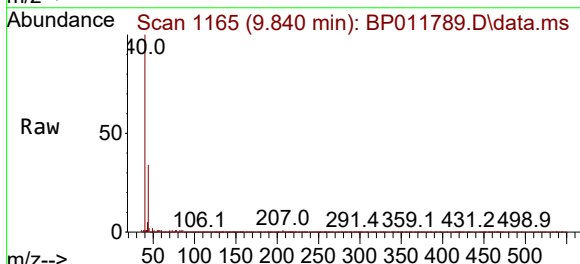
Instrument :
BNA_P
ClientSampleId :
WC-1

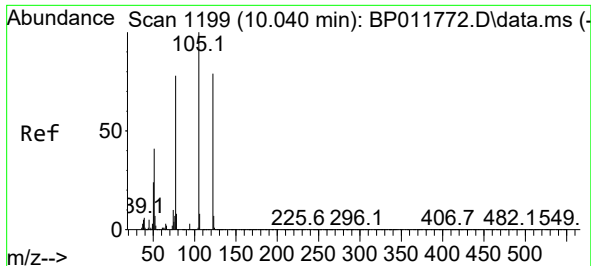
Tgt Ion: 82 Resp: 4202915
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.4
54 53.0 43.1 64.7



#26
2-Nitrophenol
Concen: 3.335 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP011789.D
Acq: 23 Sep 2022 18:45

Tgt Ion:139 Resp: 67
Ion Ratio Lower Upper
139 100
109 62.9 22.6 34.0#
65 348.4 44.7 67.1#

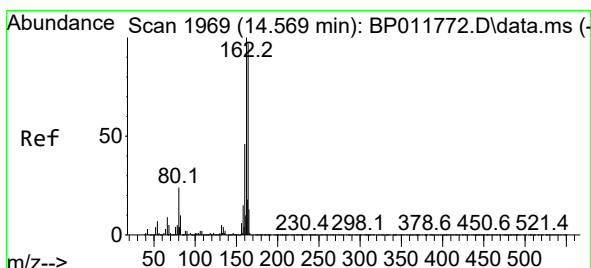
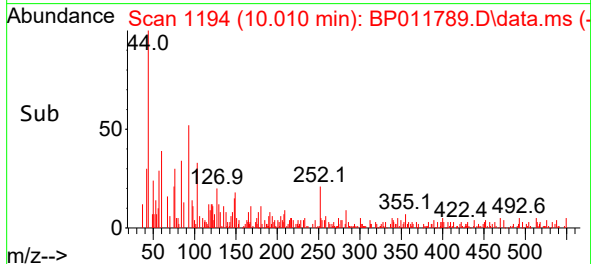
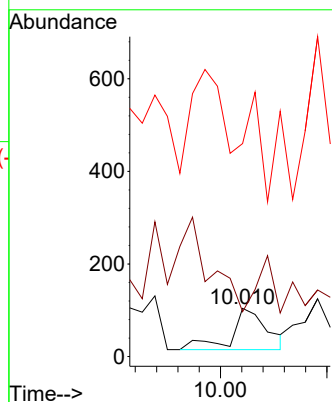
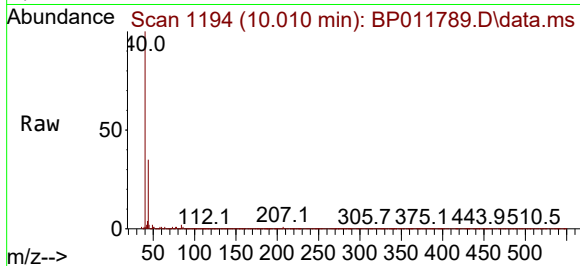




#32
Benzoic acid
Concen: 6.762 ng
RT: 10.010 min Scan# 1199
Delta R.T. -0.030 min
Lab File: BP011789.D
Acq: 23 Sep 2022 18:45

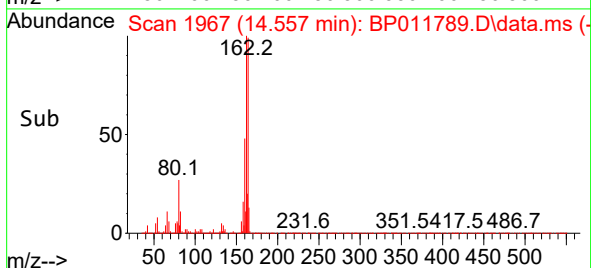
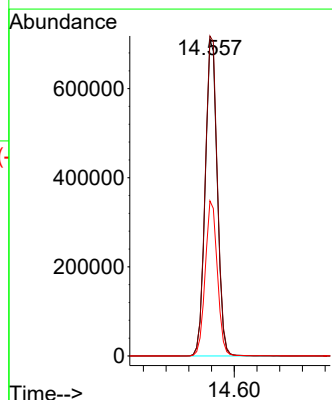
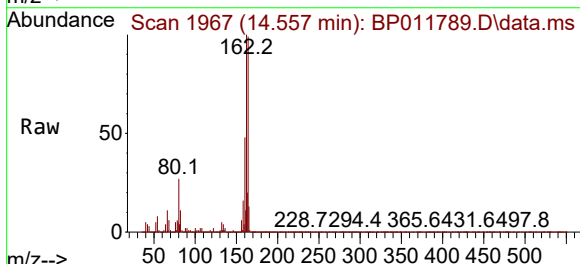
Instrument :
BNA_P
ClientSampleId :
WC-1

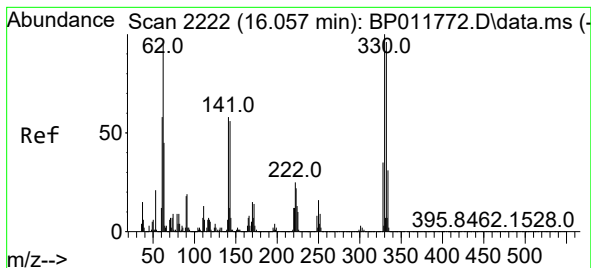
Tgt Ion:122 Resp: 103
Ion Ratio Lower Upper
122 100
105 93.3 101.0 141.0#
77 442.3 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP011789.D
Acq: 23 Sep 2022 18:45

Tgt Ion:164 Resp: 1038050
Ion Ratio Lower Upper
164 100
162 101.1 82.5 123.7
160 49.0 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 191.807 ng

RT: 16.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011789.D

Acq: 23 Sep 2022 18:45

Instrument :

BNA_P

ClientSampleId :

WC-1

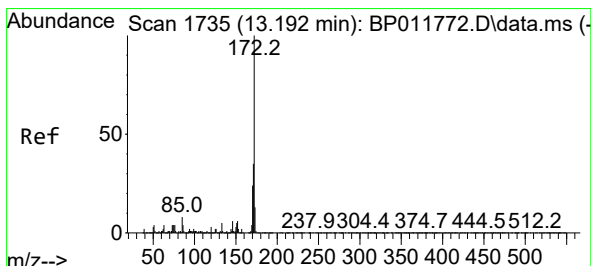
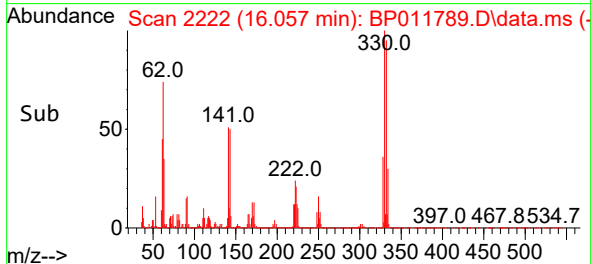
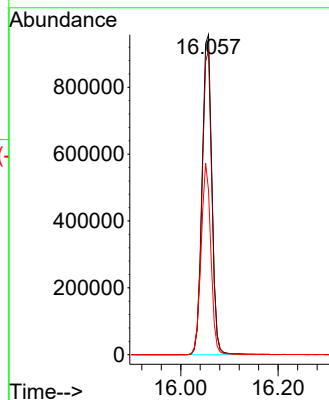
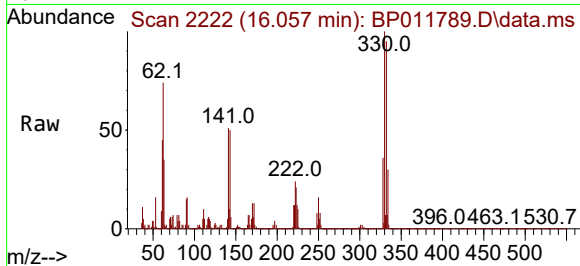
Tgt Ion:330 Resp: 1340669

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

141 59.6 48.7 73.1



#45

2-Fluorobiphenyl

Concen: 113.701 ng

RT: 13.187 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BP011789.D

Acq: 23 Sep 2022 18:45

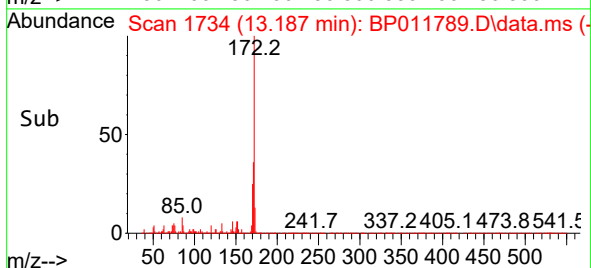
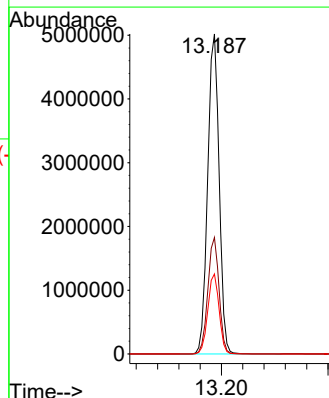
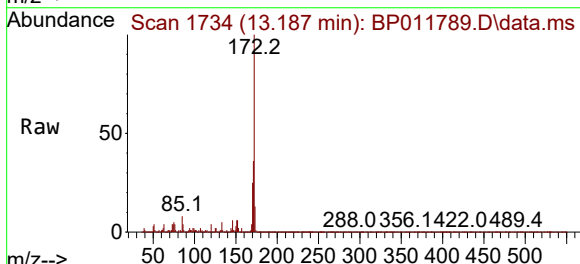
Tgt Ion:172 Resp: 7463544

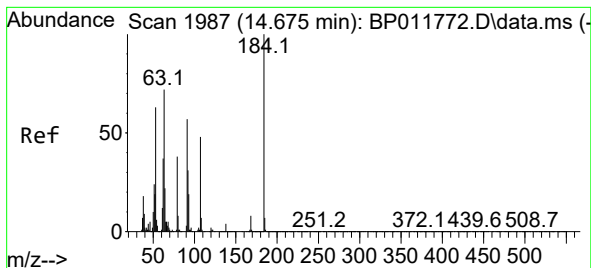
Ion Ratio Lower Upper

172 100

171 36.4 27.9 41.9

170 25.0 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 6.730 ng

RT: 14.669 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BP011789.D

Acq: 23 Sep 2022 18:45

Instrument :

BNA_P

ClientSampleId :

WC-1

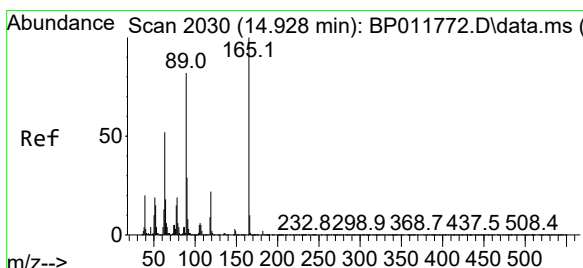
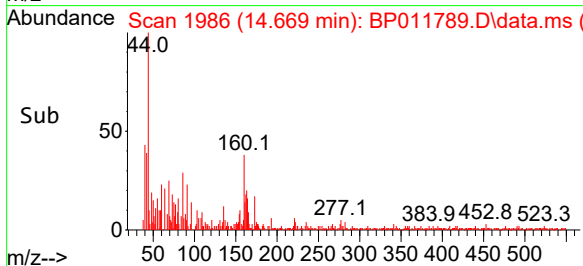
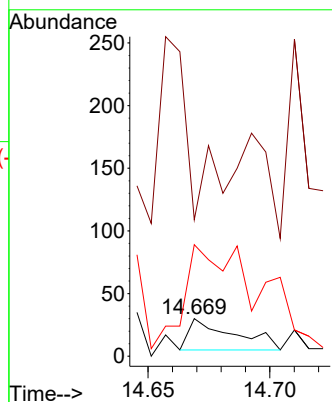
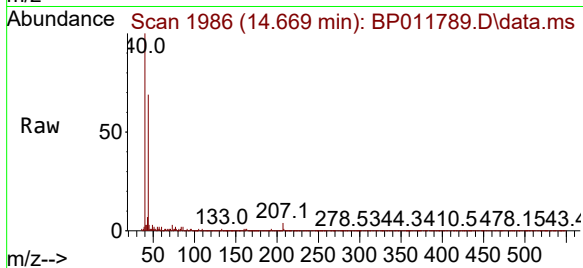
Tgt Ion:184 Resp: 32

Ion Ratio Lower Upper

184 100

63 363.3 65.7 98.5#

154 296.7 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 2.546 ng

RT: 14.910 min Scan# 2027

Delta R.T. -0.018 min

Lab File: BP011789.D

Acq: 23 Sep 2022 18:45

Tgt Ion:165 Resp: 181

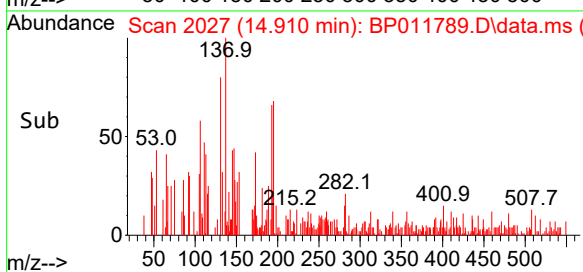
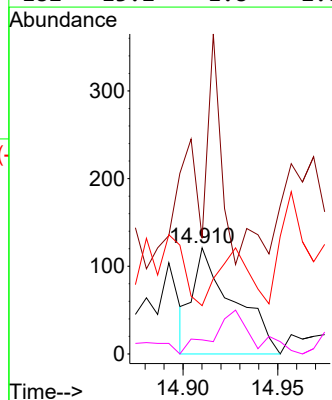
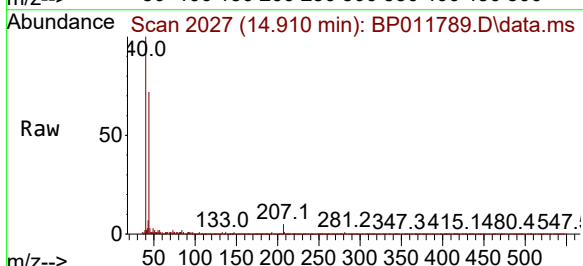
Ion Ratio Lower Upper

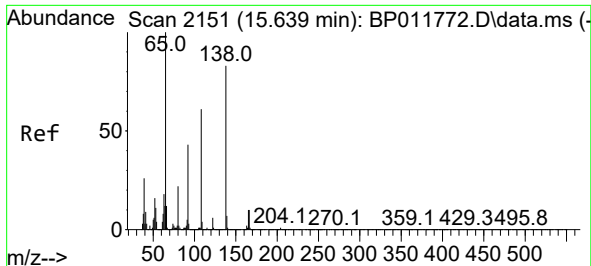
165 100

63 109.1 41.4 62.2#

89 45.5 66.0 99.0#

182 13.2 1.8 2.8#

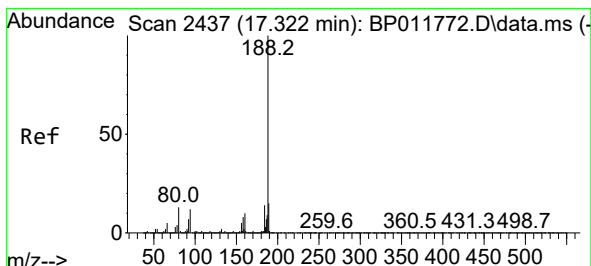
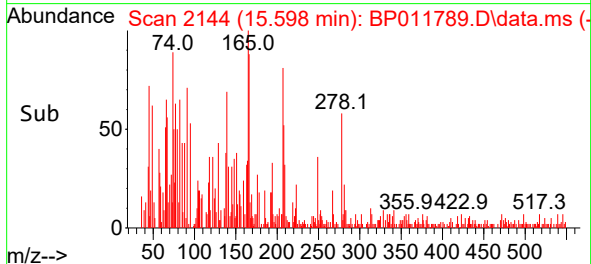
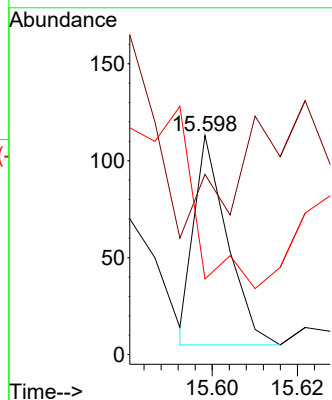
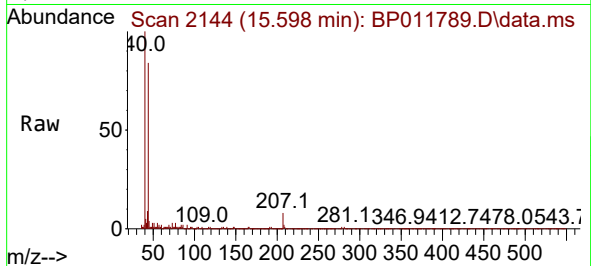




#62
4-Nitroaniline
Concen: 2.388 ng
RT: 15.598 min Scan# 2151
Delta R.T. -0.041 min
Lab File: BP011789.D
Acq: 23 Sep 2022 18:45

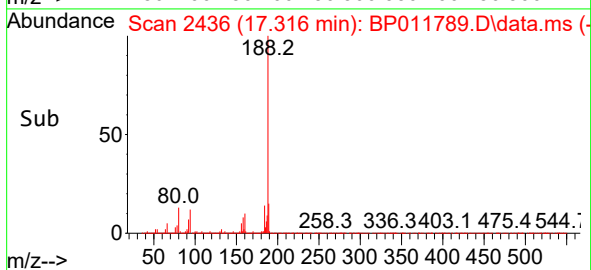
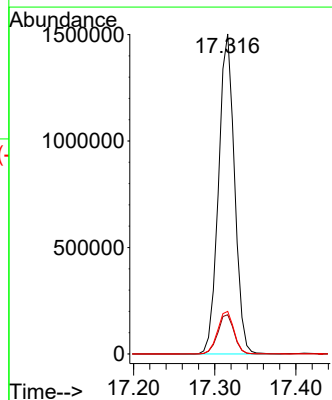
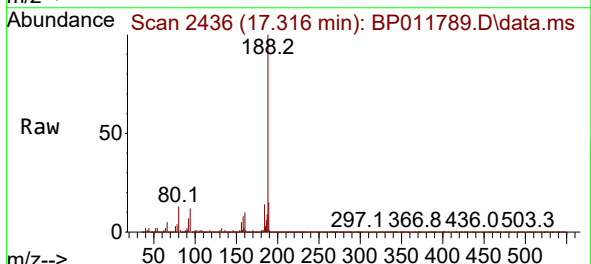
Instrument :
BNA_P
ClientSampleId :
WC-1

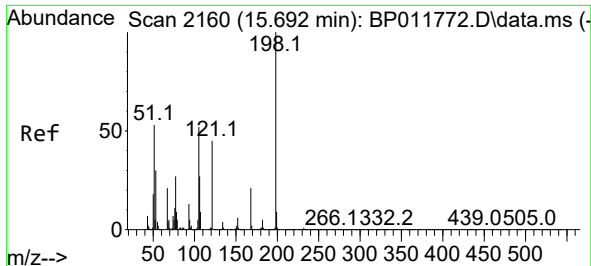
Tgt Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
92 82.3 31.9 71.9#
108 34.5 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP011789.D
Acq: 23 Sep 2022 18:45

Tgt Ion:188 Resp: 2061412
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.0
80 13.3 10.6 15.8

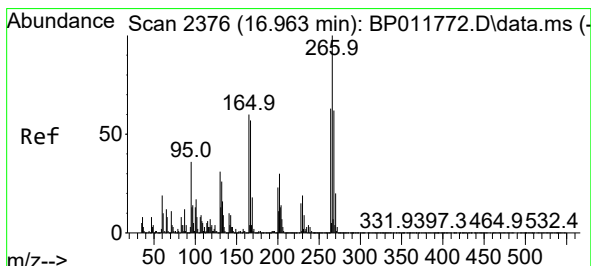
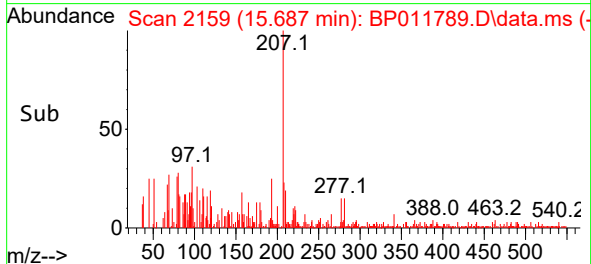
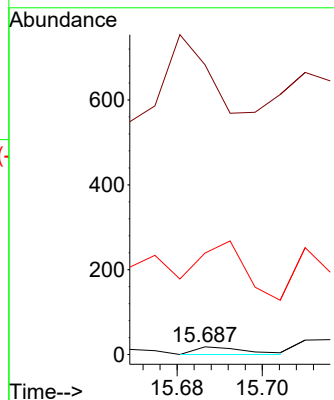
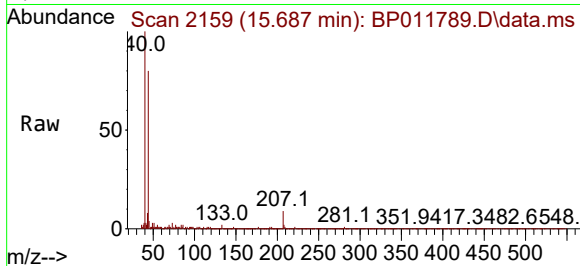




#65
4,6-Dinitro-2-methylphenol
Concen: 5.622 ng
RT: 15.687 min Scan# 2160
Delta R.T. -0.005 min
Lab File: BP011789.D
Acq: 23 Sep 2022 18:45

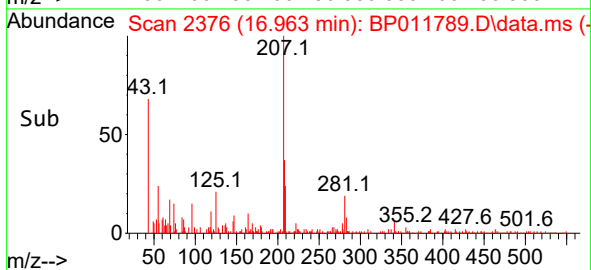
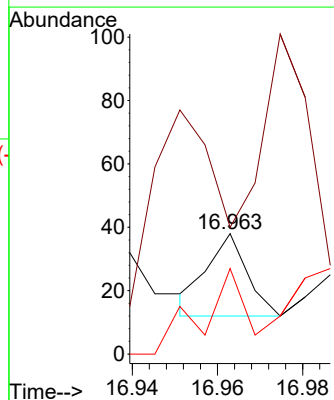
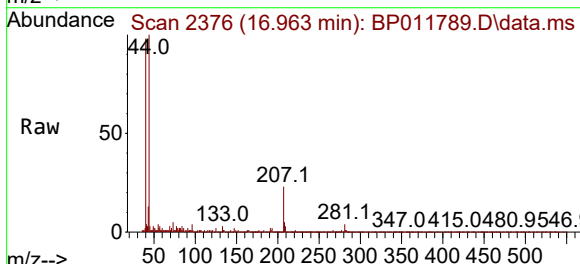
Instrument :
BNA_P
ClientSampleId :
WC-1

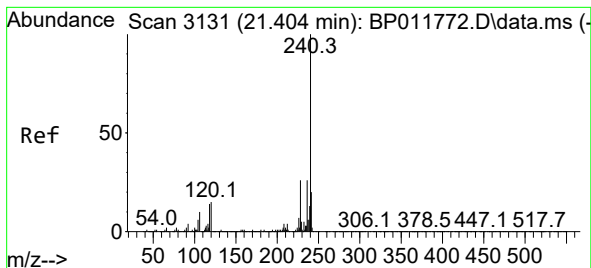
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 3794.4 41.6 81.6#
105 1327.8 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.385 ng
RT: 16.963 min Scan# 2376
Delta R.T. -0.000 min
Lab File: BP011789.D
Acq: 23 Sep 2022 18:45

Tgt Ion:266 Resp: 17
Ion Ratio Lower Upper
266 100
268 105.3 49.7 74.5#
264 71.1 50.6 75.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP011789.D

Acq: 23 Sep 2022 18:45

Instrument :

BNA_P

ClientSampleId :

WC-1

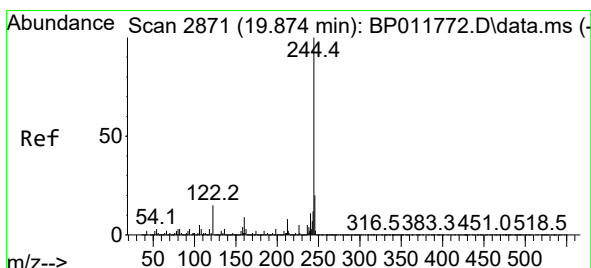
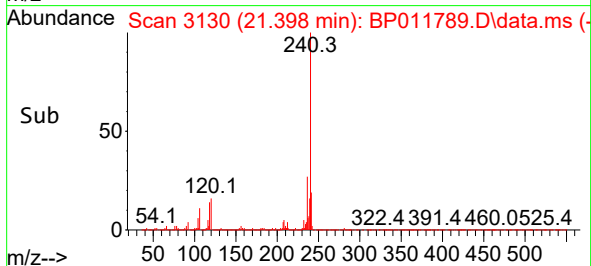
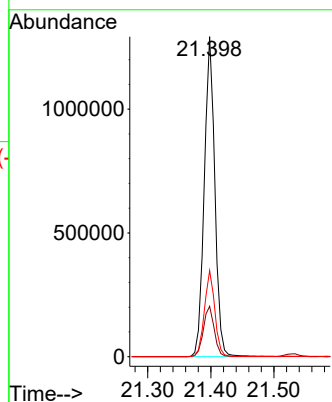
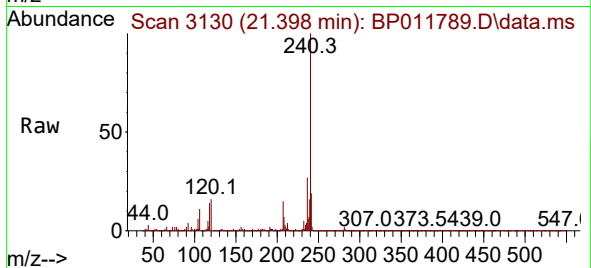
Tgt Ion:240 Resp: 1504534

Ion Ratio Lower Upper

240 100

120 15.7 12.0 18.0

236 26.9 21.1 31.7



#79

Terphenyl-d14

Concen: 138.264 ng

RT: 19.875 min Scan# 2871

Delta R.T. 0.000 min

Lab File: BP011789.D

Acq: 23 Sep 2022 18:45

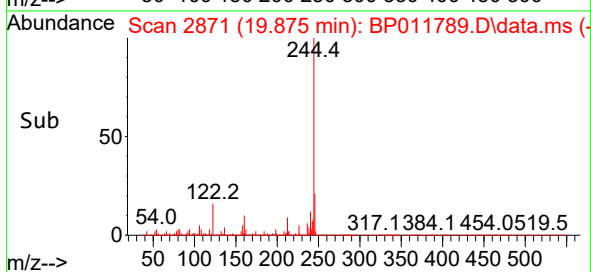
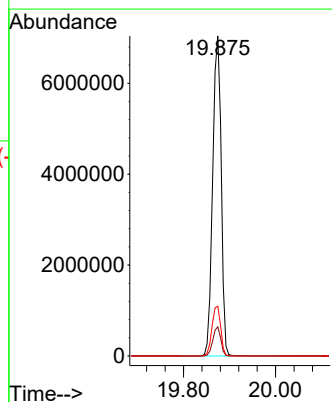
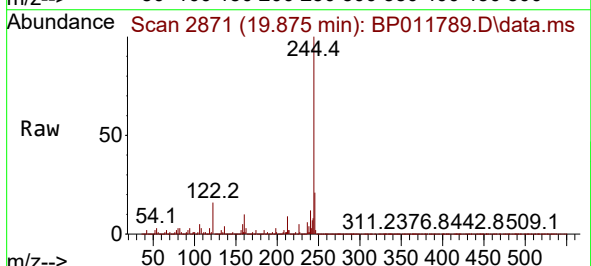
Tgt Ion:244 Resp: 9047061

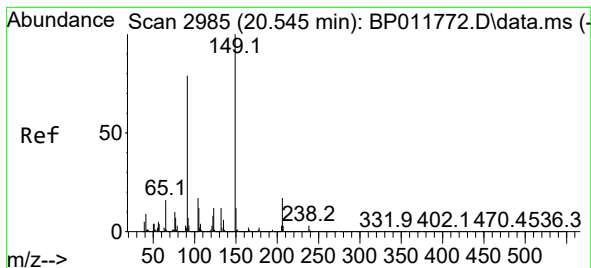
Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

122 15.6 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.690 ng

RT: 20.545 min Scan# 2985

Delta R.T. 0.000 min

Lab File: BP011789.D

Acq: 23 Sep 2022 18:45

Instrument :

BNA_P

ClientSampleId :

WC-1

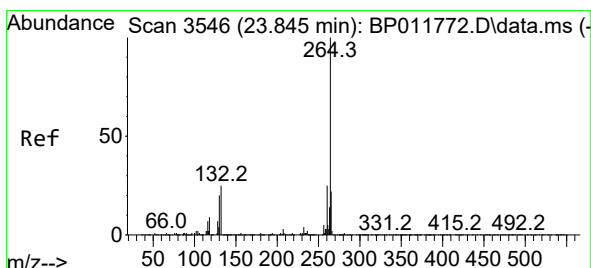
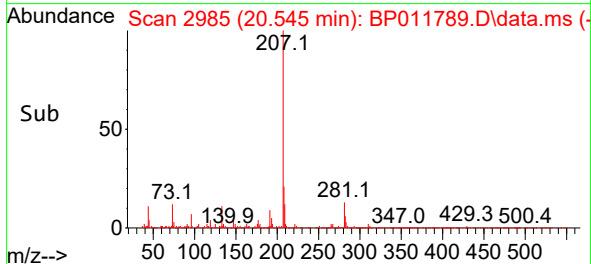
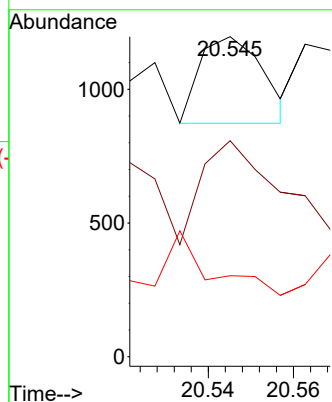
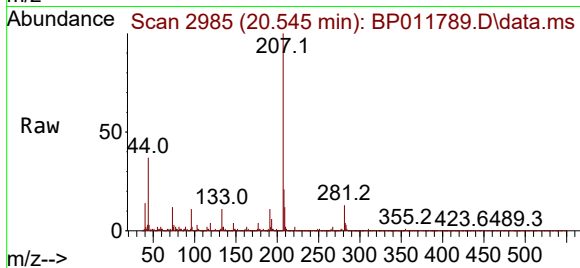
Tgt Ion:149 Resp: 333

Ion Ratio Lower Upper

149 100

91 67.5 63.1 94.7

206 25.3 13.6 20.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3546

Delta R.T. 0.000 min

Lab File: BP011789.D

Acq: 23 Sep 2022 18:45

Tgt Ion:264 Resp: 224215

Ion Ratio Lower Upper

264 100

260 42.7 19.7 29.5#

265 22.9 17.8 26.8

