

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011810.D
 Acq On : 27 Sep 2022 11:40
 Operator : CG/JU
 Sample : PB147841TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147841TB

Quant Time: Sep 28 02:06:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:03:33 2022
 Response via : Initial Calibration

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

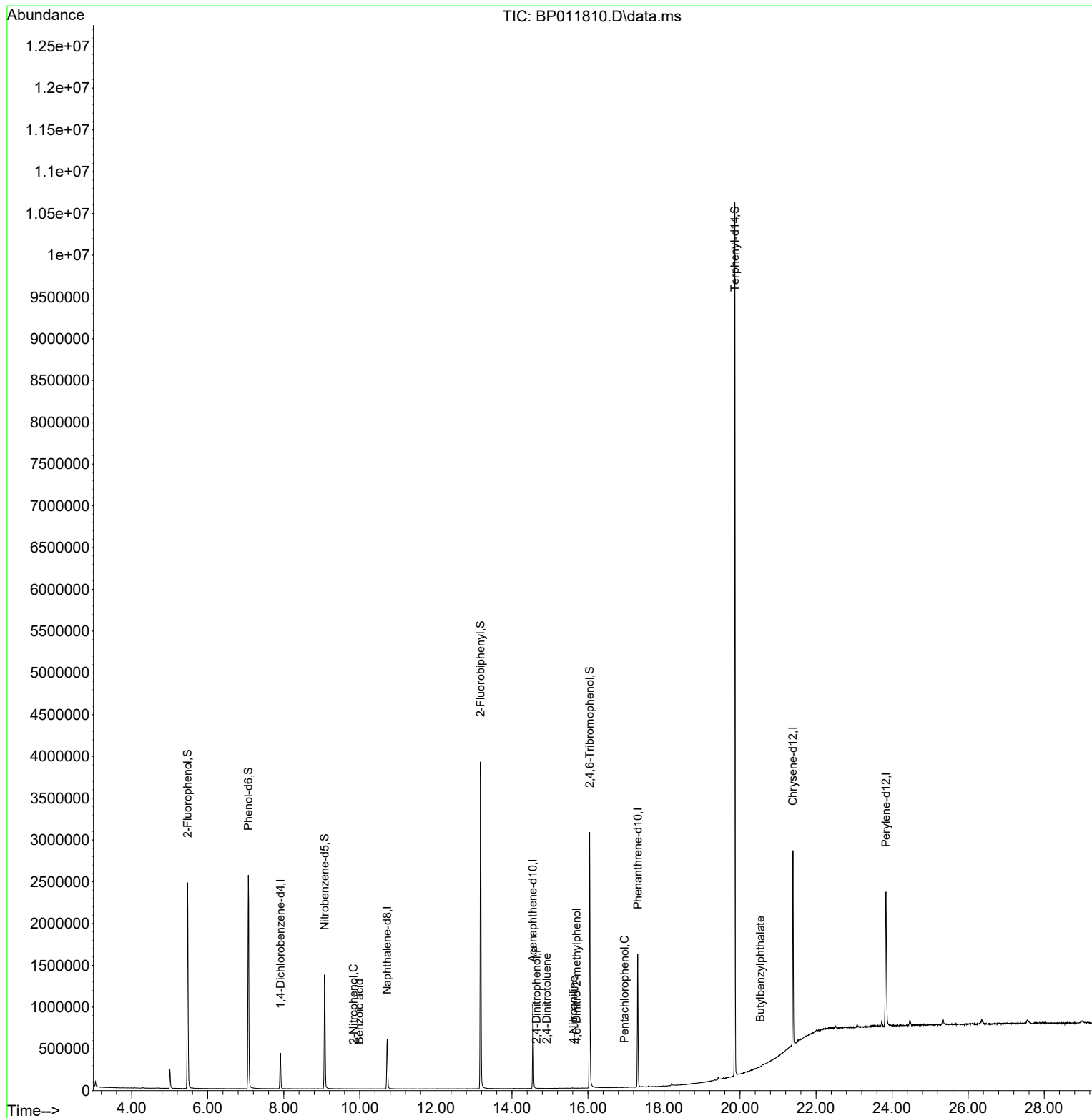
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	120847	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	529750	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	353384	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	883591	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1018815	20.000	ng	0.00
86) Perylene-d12	23.839	264	1082050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1159489	168.348	ng	0.00
7) Phenol-d6	7.069	99	1591651	156.292	ng	0.00
23) Nitrobenzene-d5	9.075	82	788108	77.867	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	412319	173.280	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	2033685	91.007	ng	0.00
79) Terphenyl-d14	19.863	244	4416660	99.678	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.834	139	18	3.335	ng	# 1
32) Benzoic acid	9.987	122	11	6.760	ng	# 1
54) 2,4-Dinitrophenol	14.651	184	22	6.733	ng	# 12
57) 2,4-Dinitrotoluene	14.922	165	232	2.567	ng	# 74
62) 4-Nitroaniline	15.616	138	18	2.388	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.704	198	13	5.623	ng	# 1
70) Pentachlorophenol	16.963	266	374	4.448	ng	# 51
80) Butylbenzylphthalate	20.533	149	198	2.689	ng	# 53

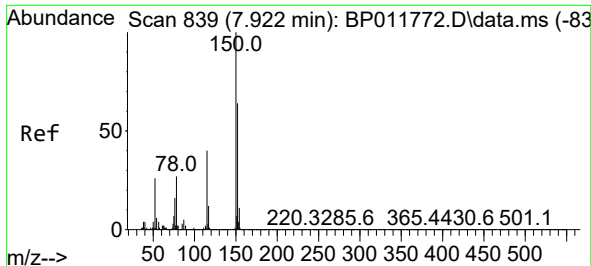
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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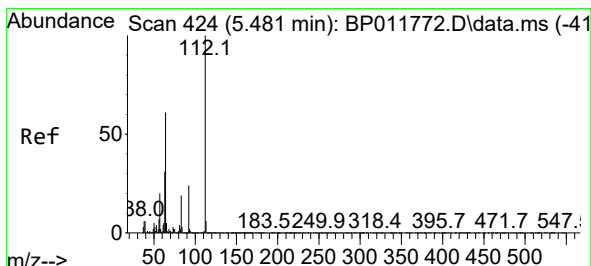
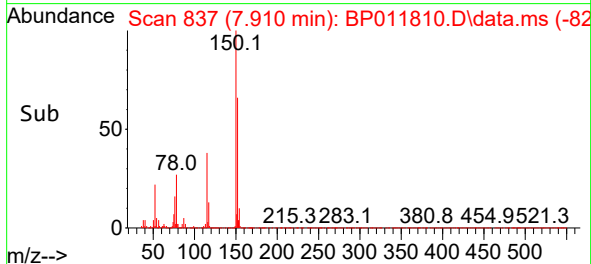
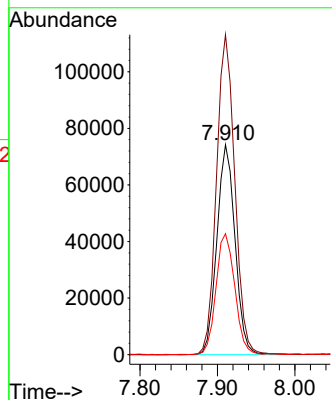
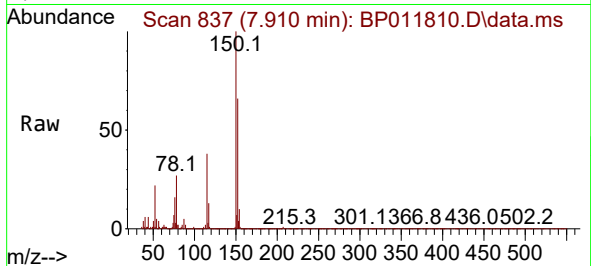




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

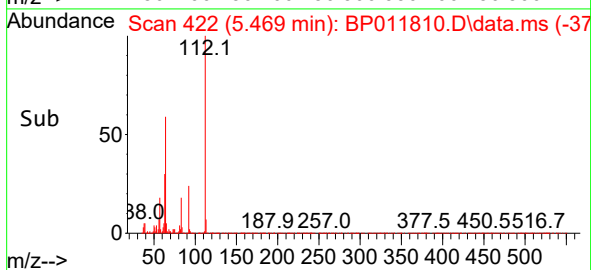
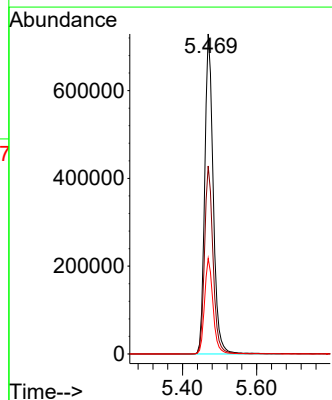
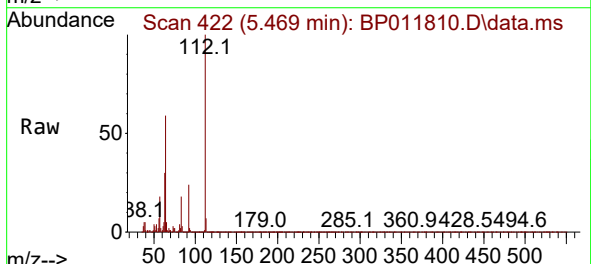
Instrument :
BNA_P
ClientSampleId :
PB147841TB

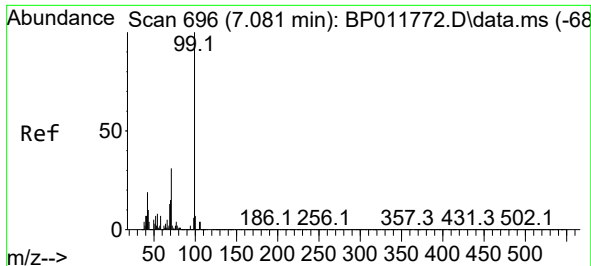
Tgt Ion:152 Resp: 120847
Ion Ratio Lower Upper
152 100
150 152.5 124.2 186.4
115 57.6 50.0 75.0



#5
2-Fluorophenol
Concen: 168.348 ng
RT: 5.469 min Scan# 422
Delta R.T. -0.000 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

Tgt Ion:112 Resp: 1159489
Ion Ratio Lower Upper
112 100
64 58.7 49.2 73.8
63 29.9 25.2 37.8

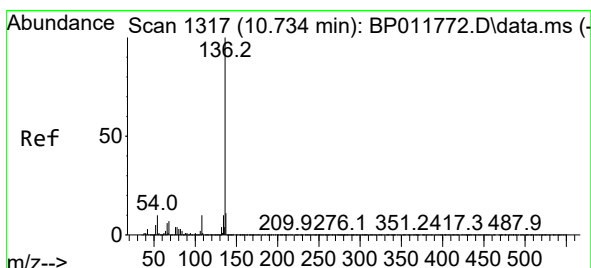
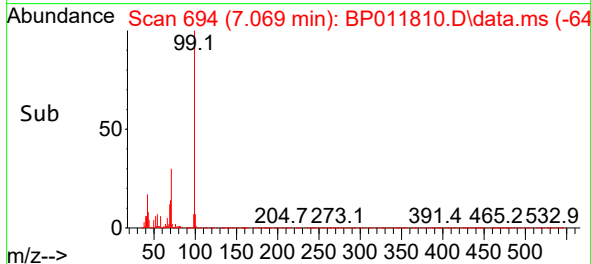
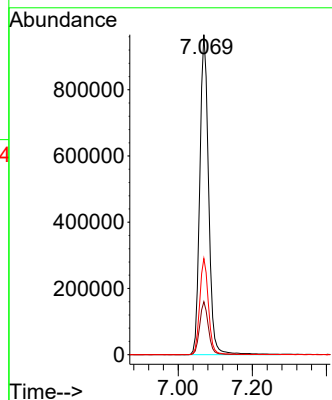
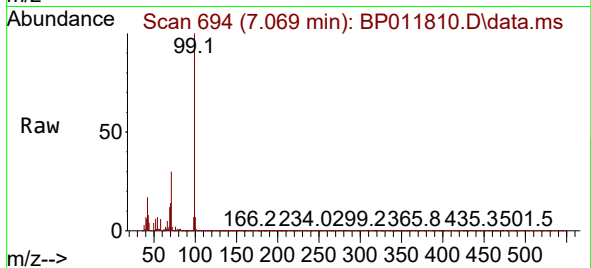




#7
Phenol-d6
Concen: 156.292 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

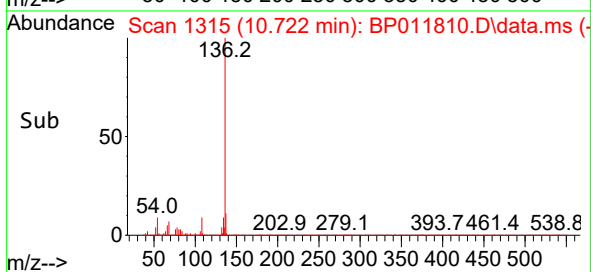
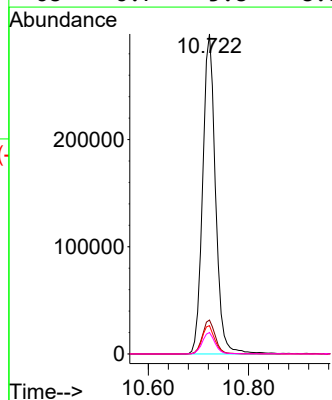
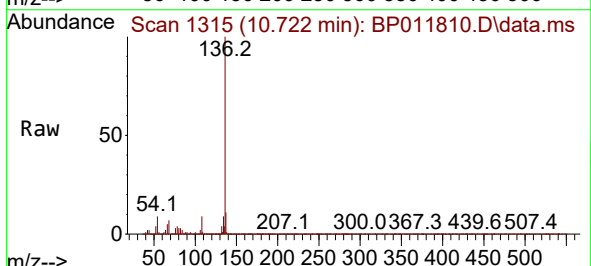
Instrument :
BNA_P
ClientSampleId :
PB147841TB

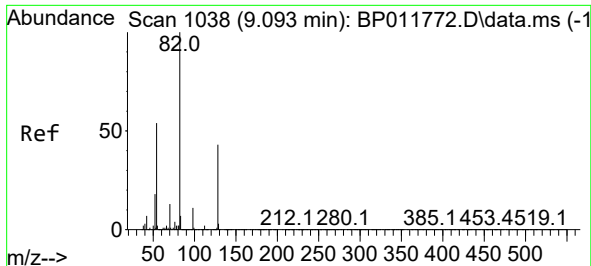
Tgt Ion: 99 Resp: 1591651
Ion Ratio Lower Upper
99 100
42 16.6 15.4 23.2
71 30.0 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

Tgt Ion: 136 Resp: 529750
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.8 8.2 12.4
68 6.7 5.8 8.8

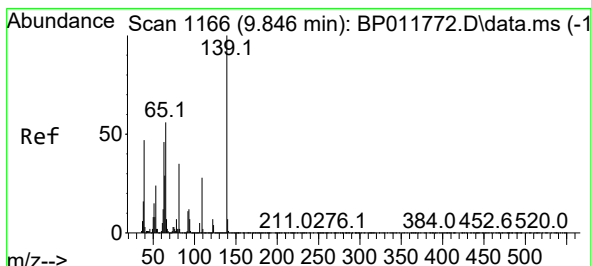
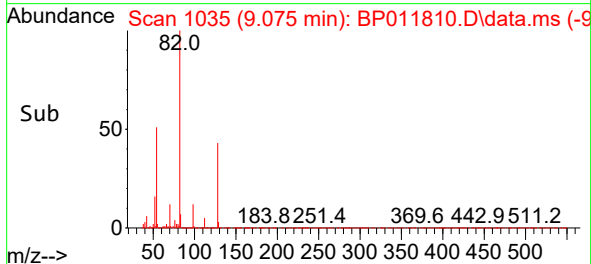
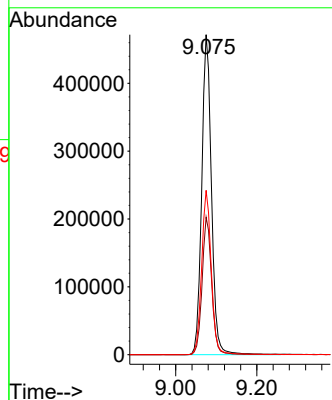
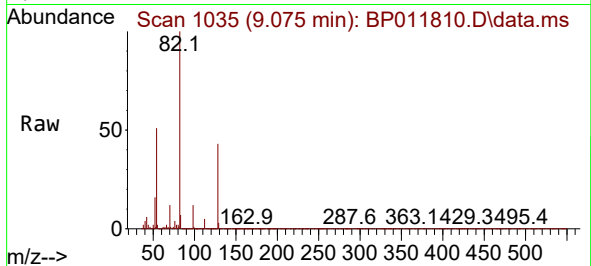




#23
Nitrobenzene-d5
Concen: 77.867 ng
RT: 9.075 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

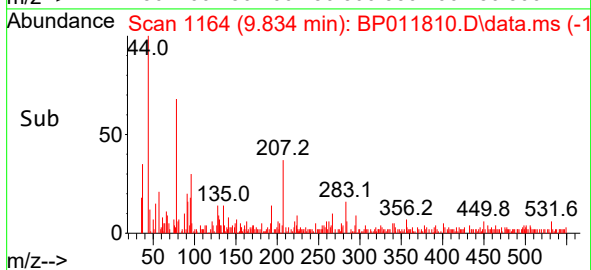
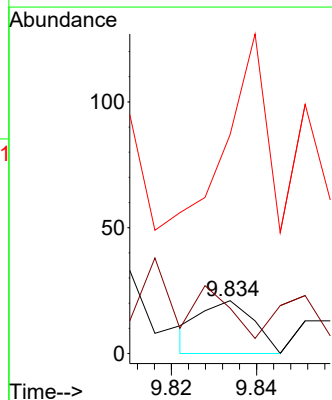
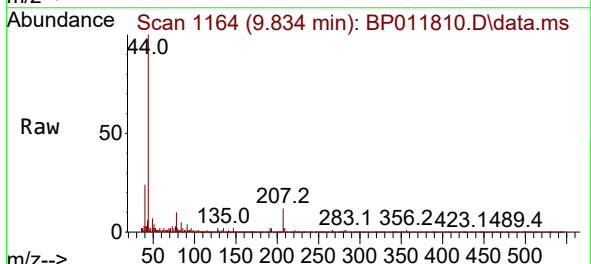
Instrument :
BNA_P
ClientSampleId :
PB147841TB

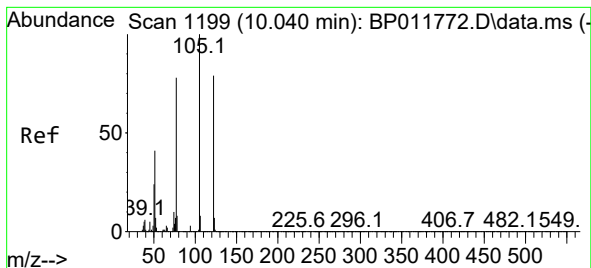
Tgt Ion: 82 Resp: 788108
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.4
54 51.3 43.1 64.7



#26
2-Nitrophenol
Concen: 3.335 ng
RT: 9.834 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

Tgt Ion: 139 Resp: 18
Ion Ratio Lower Upper
139 100
109 85.7 22.6 34.0#
65 414.3 44.7 67.1#

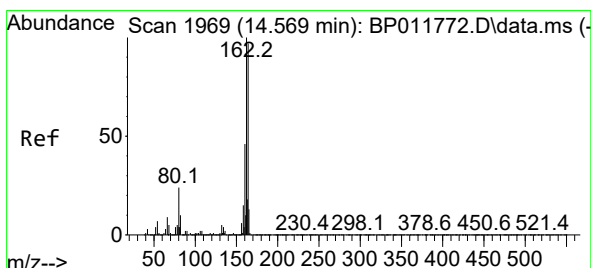
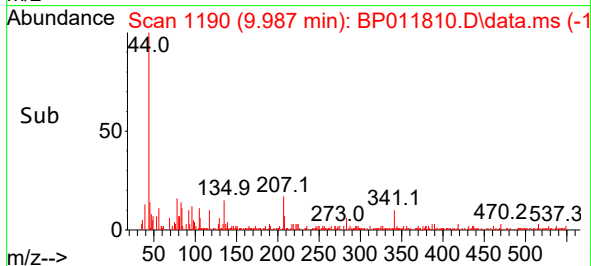
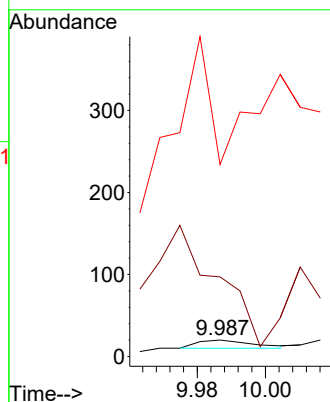
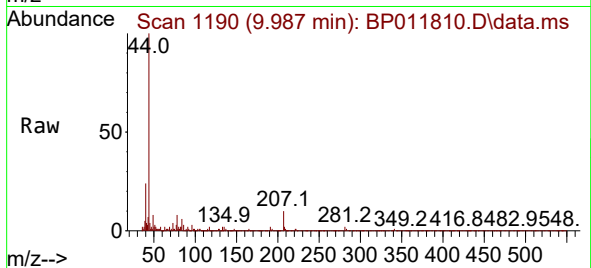




#32
Benzoic acid
Concen: 6.760 ng
RT: 9.987 min Scan# 1199
Delta R.T. -0.030 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

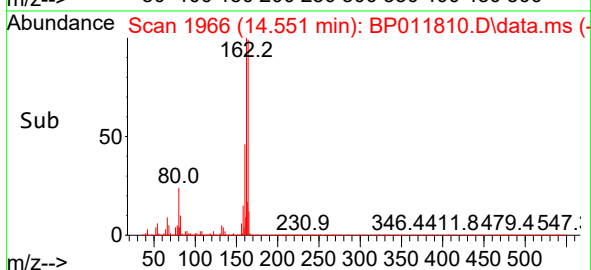
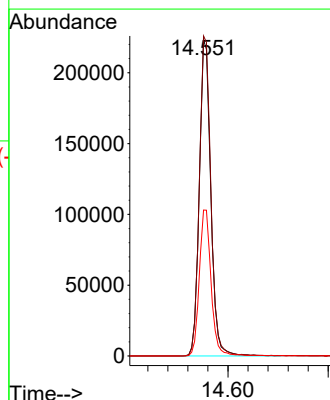
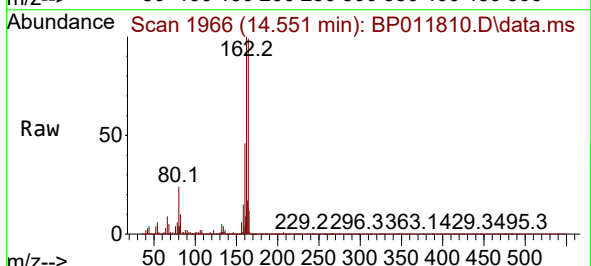
Instrument :
BNA_P
ClientSampleId :
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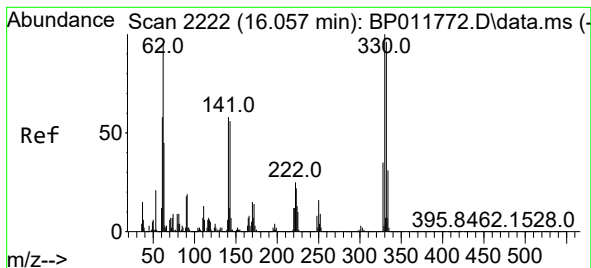
Tgt Ion:122 Resp: 11
Ion Ratio Lower Upper
122 100
105 485.0 101.0 141.0#
77 1170.0 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

Tgt Ion:164 Resp: 353384
Ion Ratio Lower Upper
164 100
162 101.2 82.5 123.7
160 46.2 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 173.280 ng

RT: 16.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011810.D

Acq: 27 Sep 2022 11:40

Instrument :

BNA_P

ClientSampleId :

PB147841TB

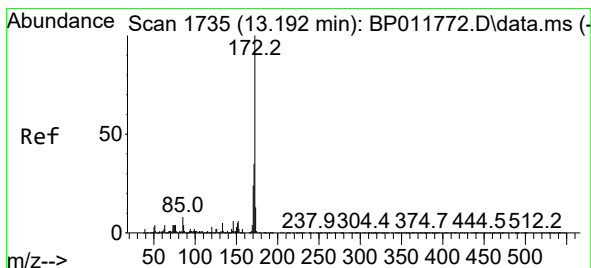
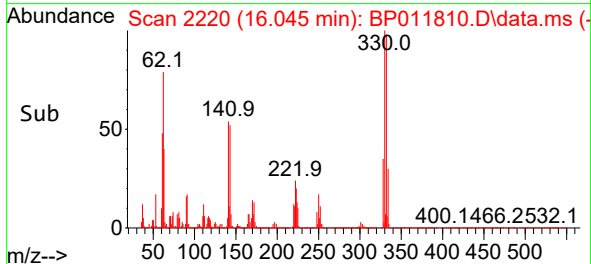
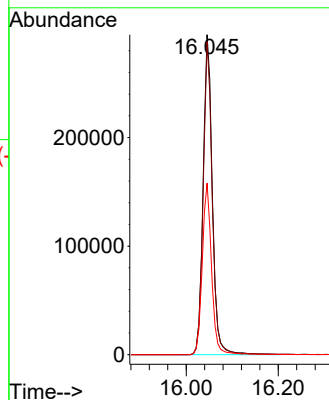
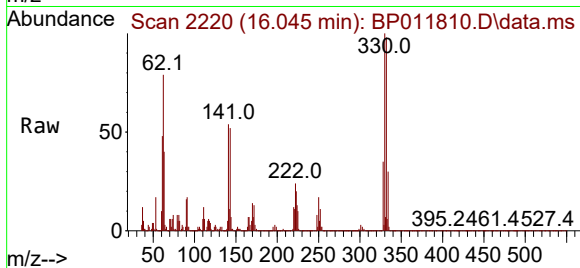
Tgt Ion:330 Resp: 412319

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

141 54.0 48.7 73.1



#45

2-Fluorobiphenyl

Concen: 91.007 ng

RT: 13.175 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP011810.D

Acq: 27 Sep 2022 11:40

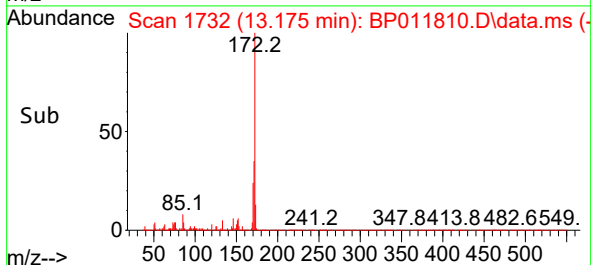
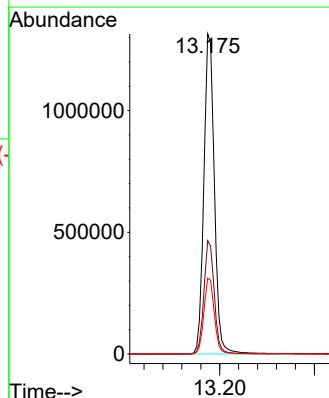
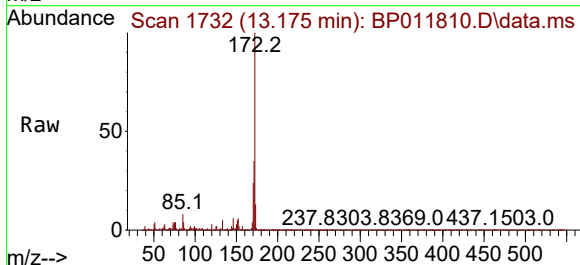
Tgt Ion:172 Resp: 2033685

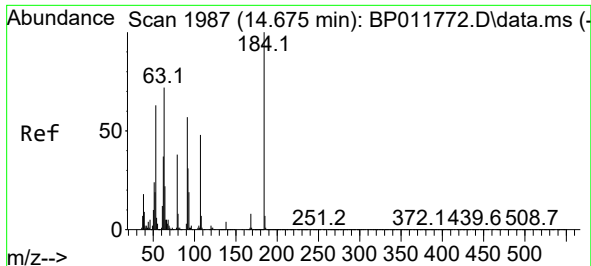
Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 23.6 19.5 29.3

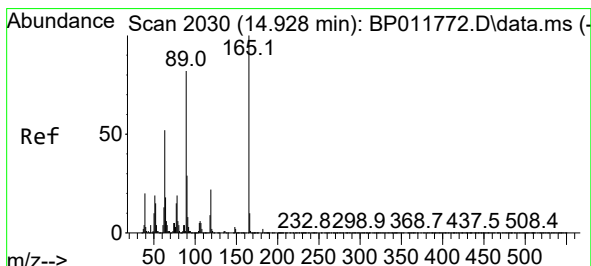
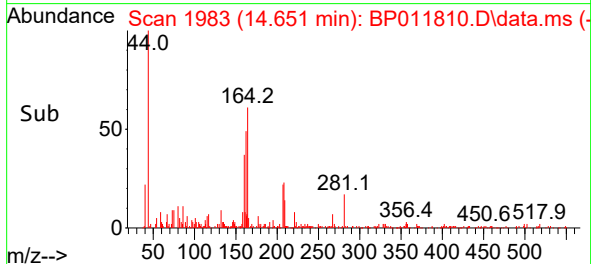
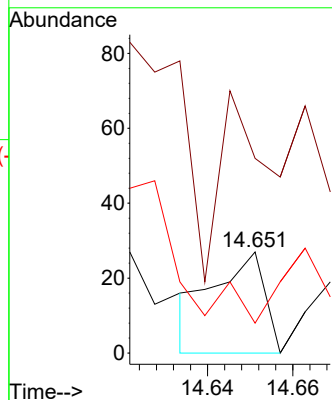
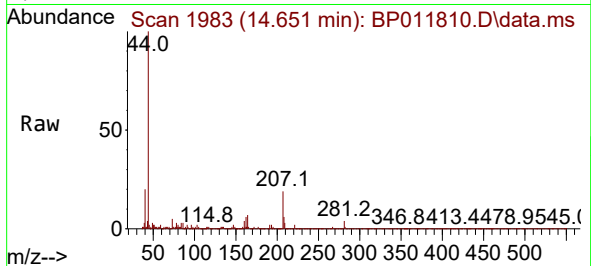




#54
2,4-Dinitrophenol
Concen: 6.733 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

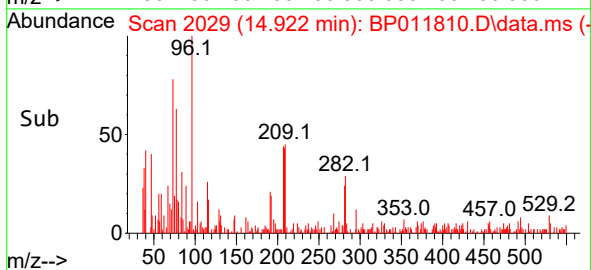
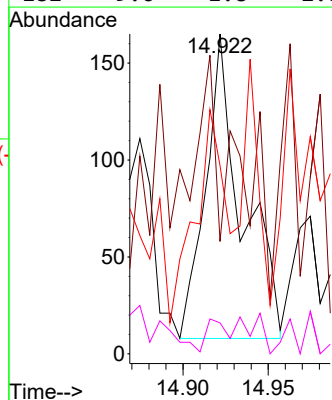
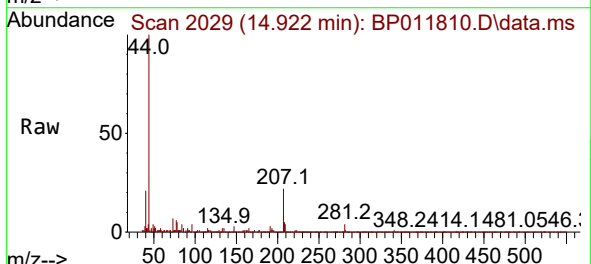
Instrument :
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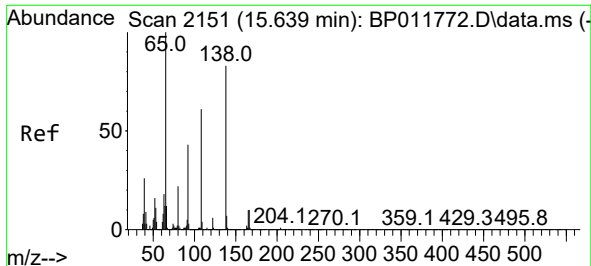
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 192.6 65.7 98.5#
154 29.6 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 2.567 ng
RT: 14.922 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

Tgt Ion:165 Resp: 232
Ion Ratio Lower Upper
165 100
63 34.7 41.4 62.2#
89 58.1 66.0 99.0#
182 9.6 1.8 2.8#

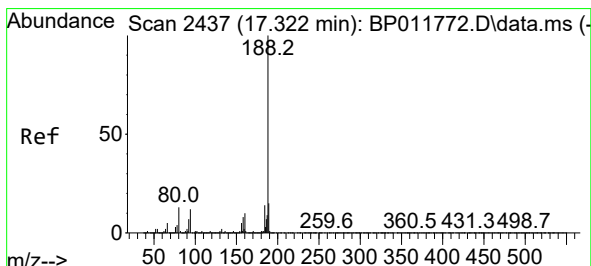
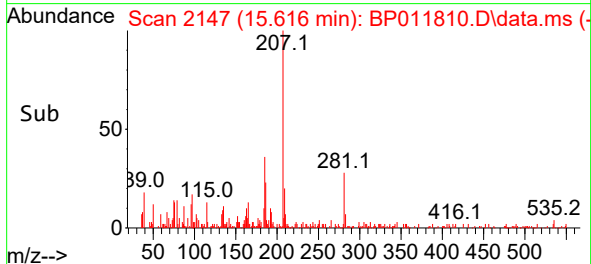
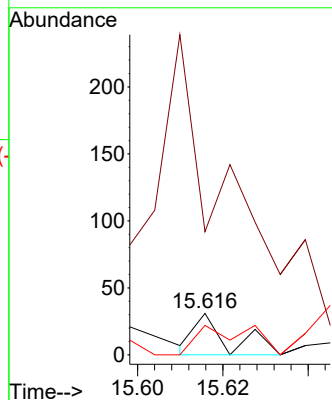
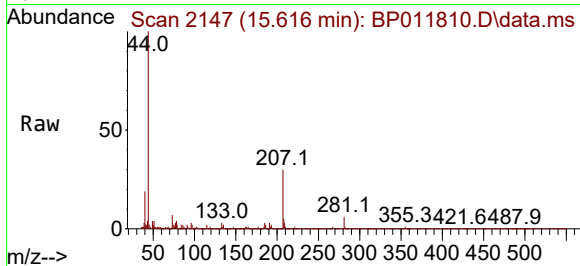




#62
4-Nitroaniline
Concen: 2.388 ng
RT: 15.616 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

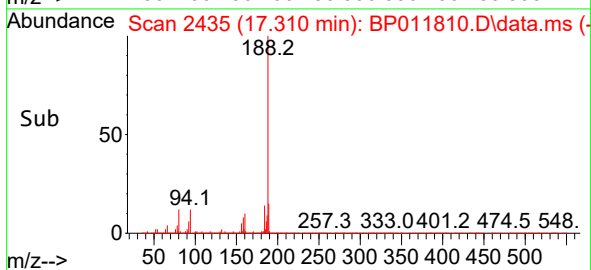
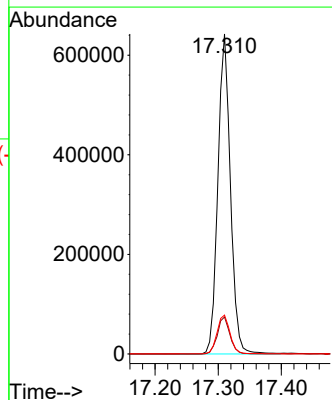
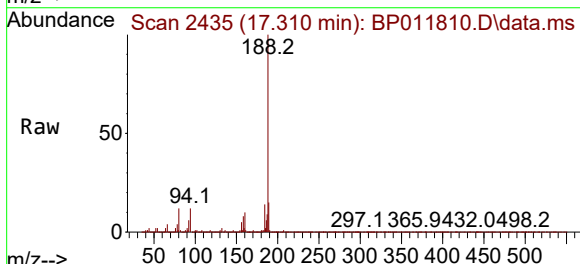
Instrument :
BNA_P
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PB147841TB

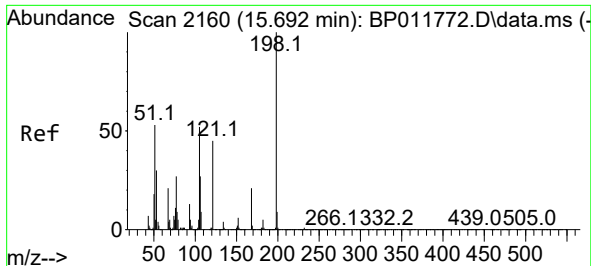
Tgt Ion:138 Resp: 18
Ion Ratio Lower Upper
138 100
92 296.8 31.9 71.9#
108 71.0 53.3 93.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

Tgt Ion:188 Resp: 883591
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.0
80 12.1 10.6 15.8

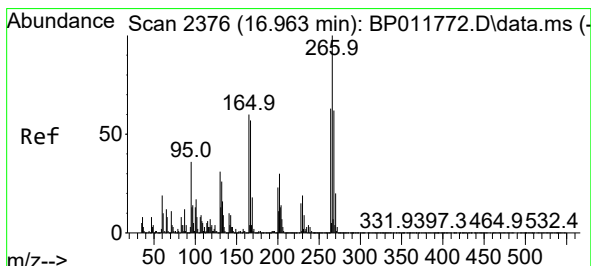
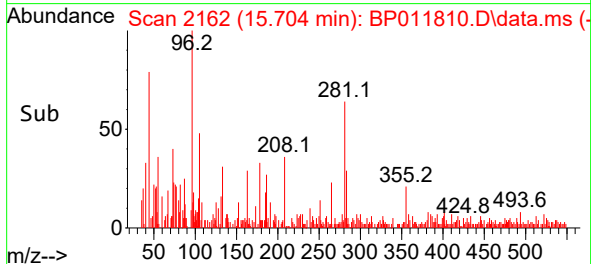
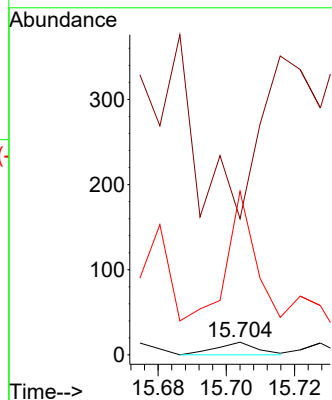
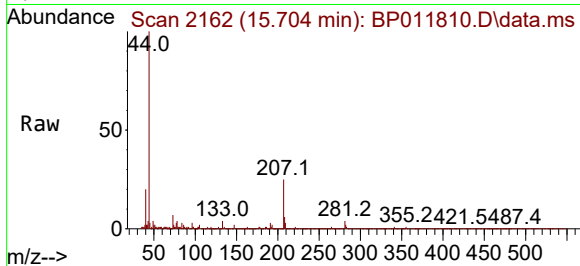




#65
4,6-Dinitro-2-methylphenol
Concen: 5.623 ng
RT: 15.704 min Scan# 2160
Delta R.T. 0.023 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

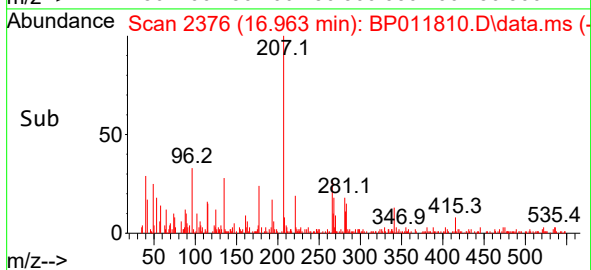
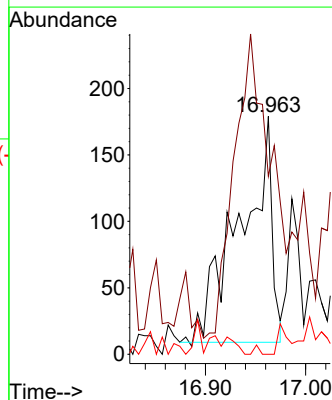
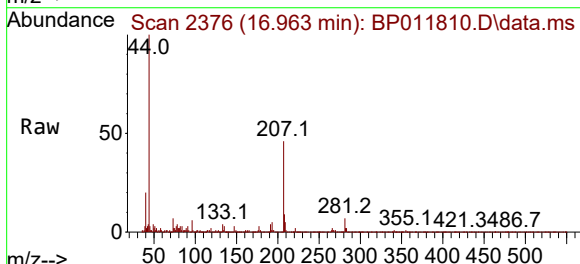
Instrument :
BNA_P
ClientSampleId :
PB147841TB

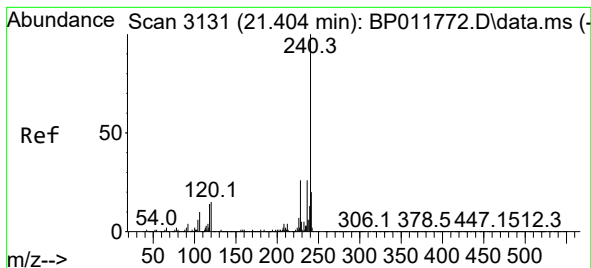
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 1066.7 41.6 81.6#
105 1280.0 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.448 ng
RT: 16.963 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

Tgt Ion:266 Resp: 374
Ion Ratio Lower Upper
266 100
268 74.9 49.7 74.5#
264 0.0 50.6 75.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011810.D

Acq: 27 Sep 2022 11:40

Instrument :

BNA_P

ClientSampleId :

PB147841TB

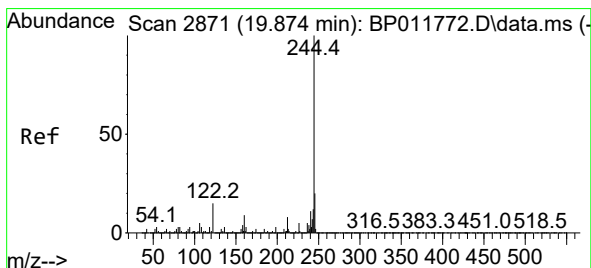
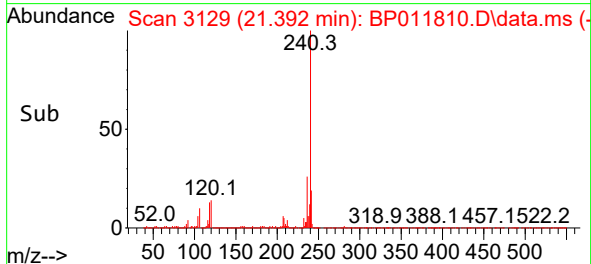
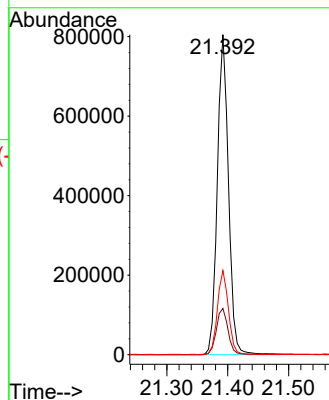
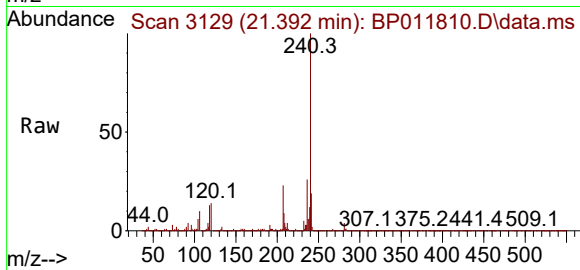
Tgt Ion:240 Resp: 1018815

Ion Ratio Lower Upper

240 100

120 14.4 12.0 18.0

236 26.3 21.1 31.7



#79

Terphenyl-d14

Concen: 99.678 ng

RT: 19.863 min Scan# 2869

Delta R.T. -0.006 min

Lab File: BP011810.D

Acq: 27 Sep 2022 11:40

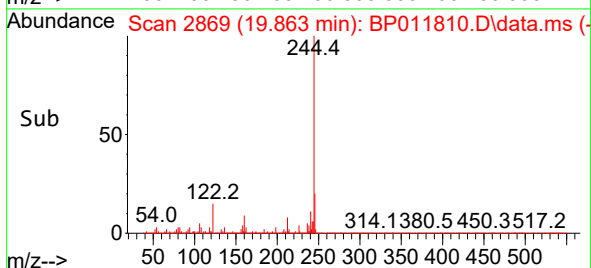
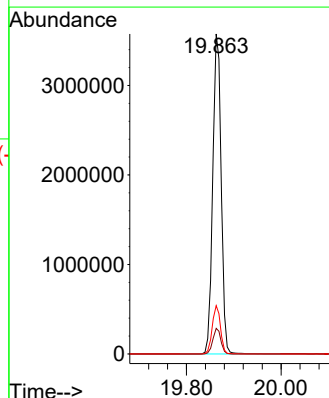
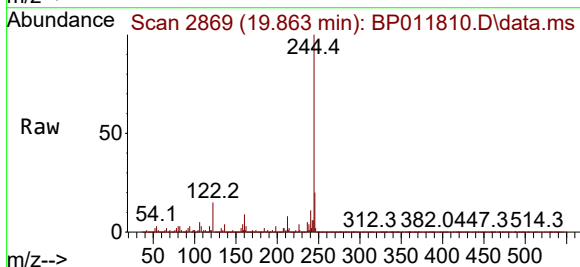
Tgt Ion:244 Resp: 4416660

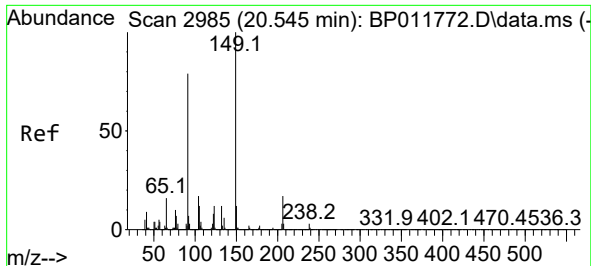
Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 15.1 11.8 17.8

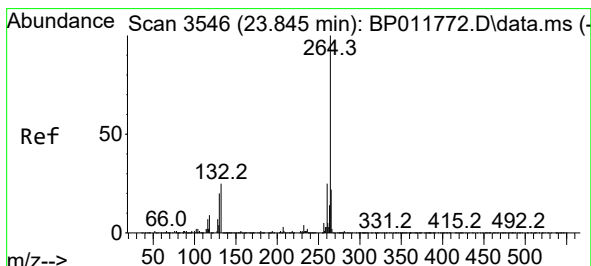
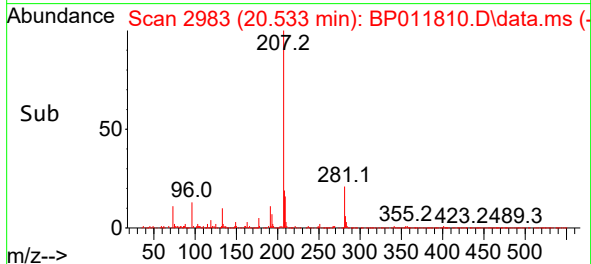
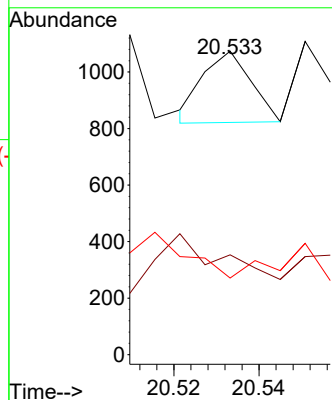
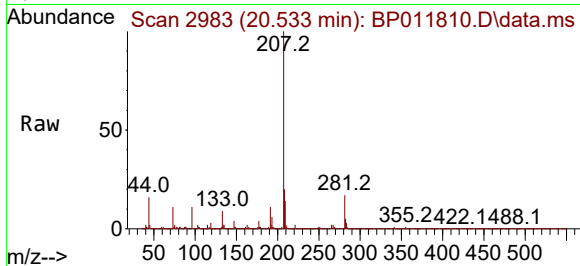




#80
Butylbenzylphthalate
Concen: 2.689 ng
RT: 20.533 min Scan# 2985
Delta R.T. -0.006 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

Instrument :
BNA_P
ClientSampleId :
PB147841TB

Tgt Ion:149 Resp: 198
Ion Ratio Lower Upper
149 100
91 32.9 63.1 94.7#
206 25.2 13.6 20.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BP011810.D
Acq: 27 Sep 2022 11:40

Tgt Ion:264 Resp: 1082050
Ion Ratio Lower Upper
264 100
260 24.2 19.7 29.5
265 22.2 17.8 26.8

