

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011793.D
 Acq On : 23 Sep 2022 21:03
 Operator : CG/JU
 Sample : N4764-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-01

Quant Time: Sep 24 01:39:14 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)

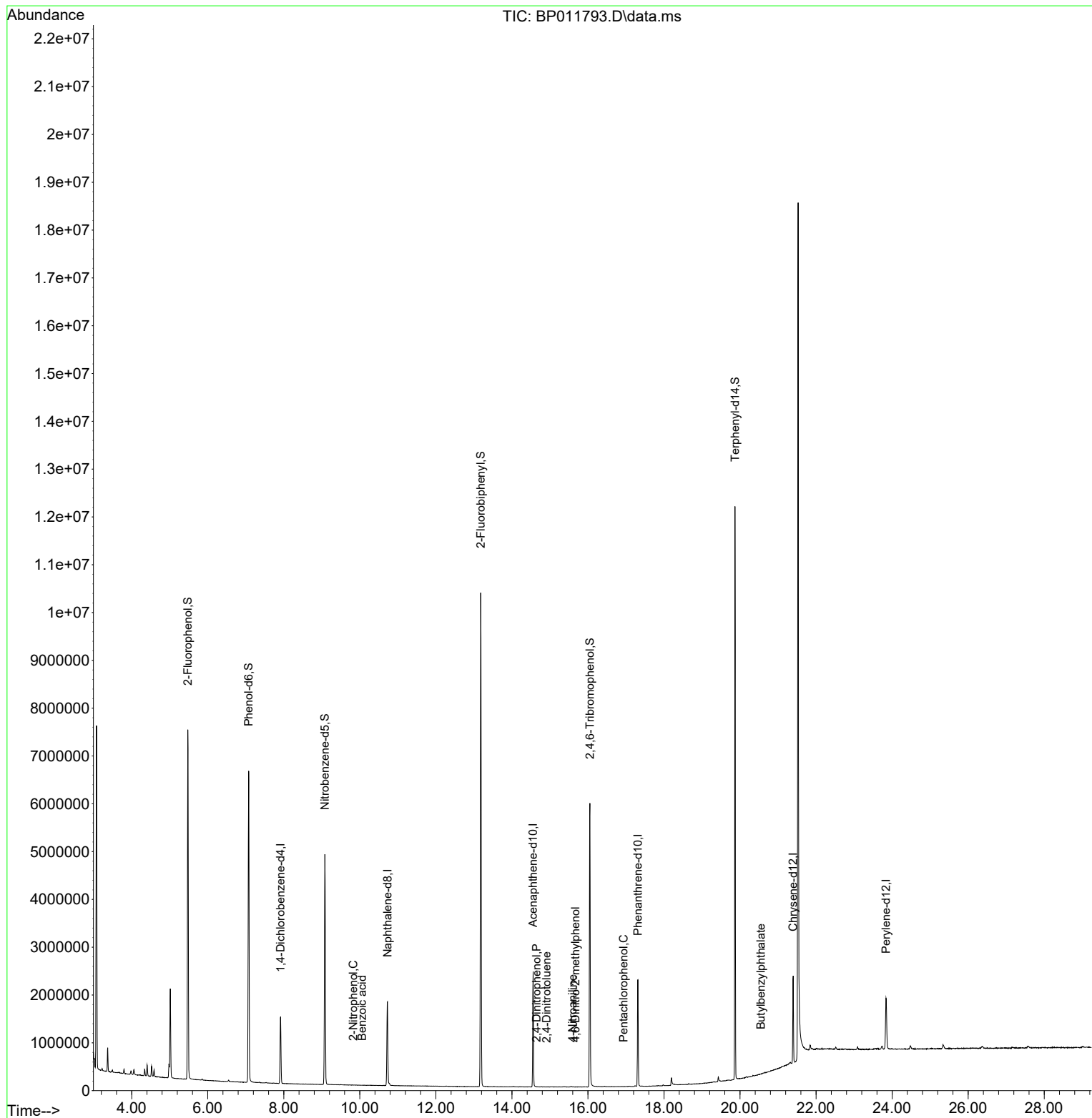
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	381147	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1484522	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	742125	20.000	ng	-0.01
64) Phenanthrene-d10	17.310	188	1279359	20.000	ng	-0.01
76) Chrysene-d12	21.398	240	762752	20.000	ng	0.00
86) Perylene-d12	23.839	264	709028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3219134	148.192	ng	0.00
7) Phenol-d6	7.075	99	3891474	121.157	ng	0.00
23) Nitrobenzene-d5	9.081	82	2731597	96.309	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	762245	152.538	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	5072691	108.094	ng	-0.01
79) Terphenyl-d14	19.869	244	4752699	143.271	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.828	139	11	3.332	ng	# 1
32) Benzoic acid	10.057	122	111	6.764	ng	# 1
54) 2,4-Dinitrophenol	14.651	184	40	6.732	ng	# 1
57) 2,4-Dinitrotoluene	14.910	165	58	2.542	ng	# 1
62) 4-Nitroaniline	15.598	138	8	2.386	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.669	198	46	5.627	ng	# 1
70) Pentachlorophenol	16.933	266	26	4.387	ng	# 70
80) Butylbenzylphthalate	20.545	149	241	2.692	ng	# 60

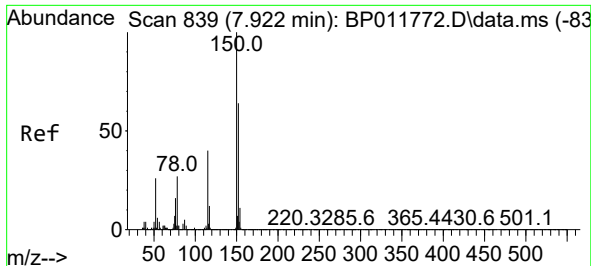
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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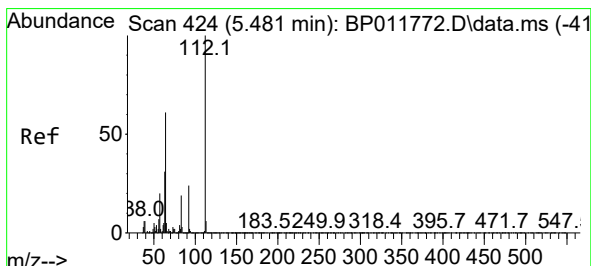
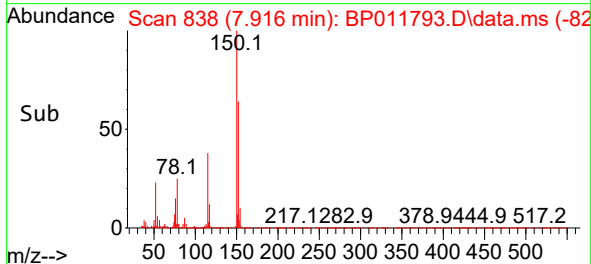
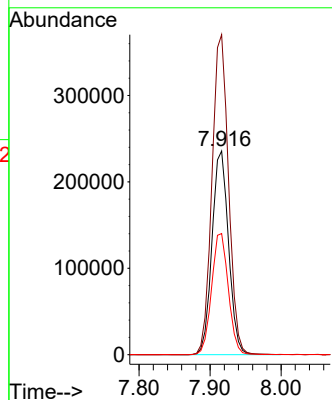
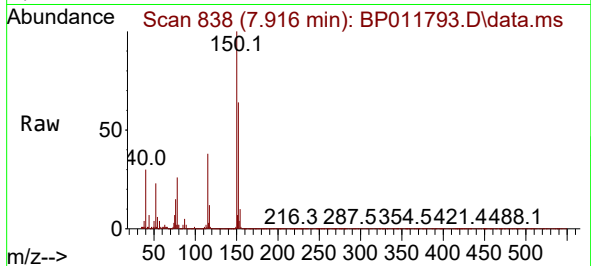




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011793.D
Acq: 23 Sep 2022 21:03

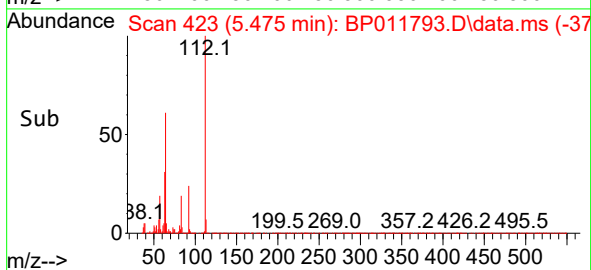
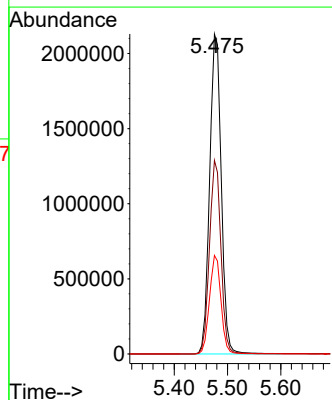
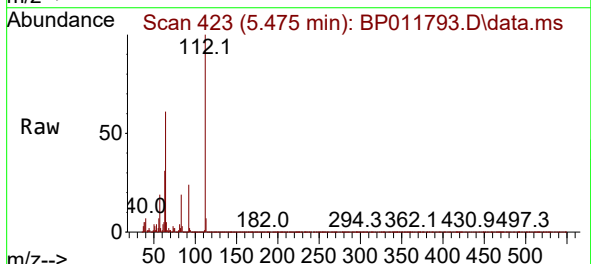
Instrument :
BNA_P
ClientSampleId :
RBR-01

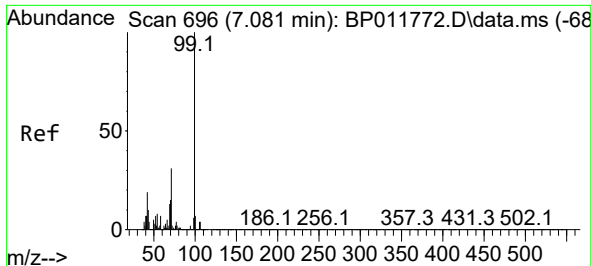
Tgt Ion:152 Resp: 381147
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.4
115 59.4 50.0 75.0



#5
2-Fluorophenol
Concen: 148.192 ng
RT: 5.475 min Scan# 423
Delta R.T. -0.006 min
Lab File: BP011793.D
Acq: 23 Sep 2022 21:03

Tgt Ion:112 Resp: 3219134
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 30.8 25.2 37.8

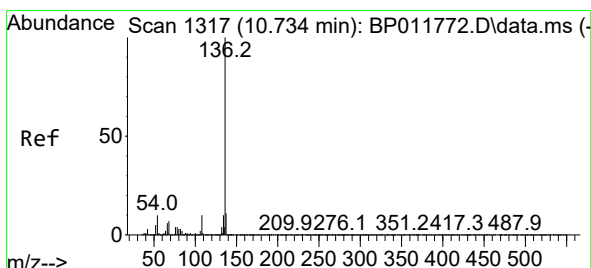
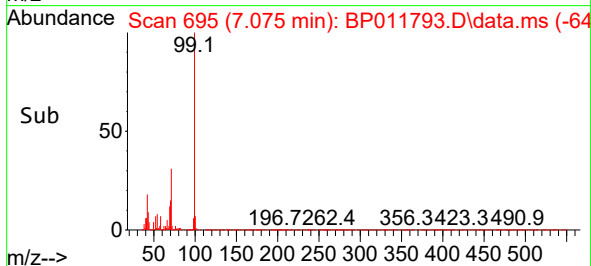
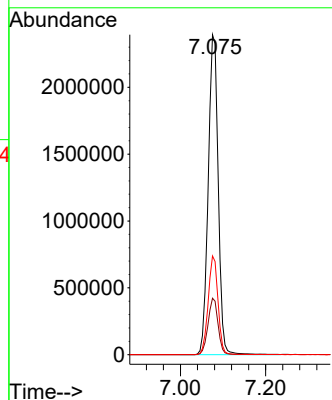
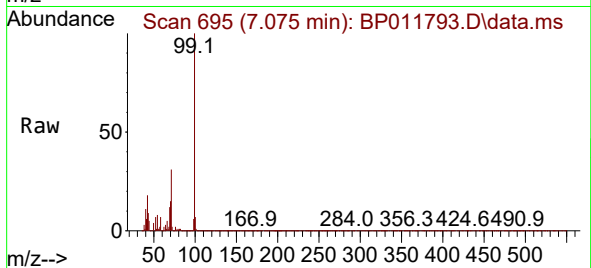




#7
Phenol-d6
Concen: 121.157 ng
RT: 7.075 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP011793.D
Acq: 23 Sep 2022 21:03

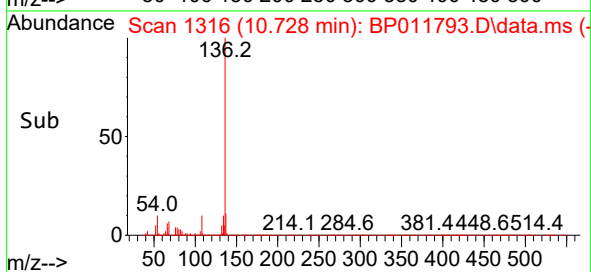
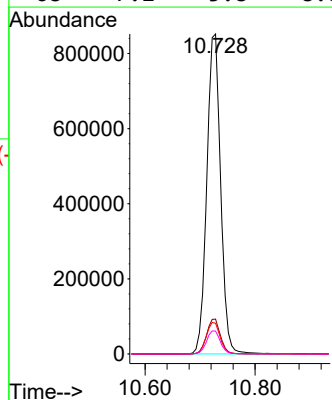
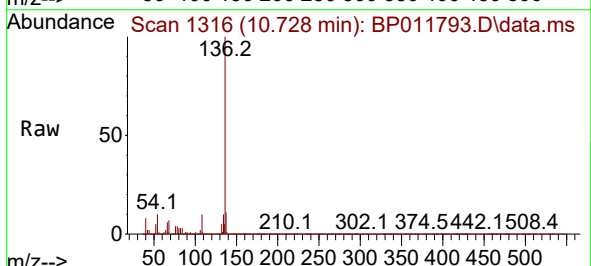
Instrument :
BNA_P
ClientSampleId :
RBR-01

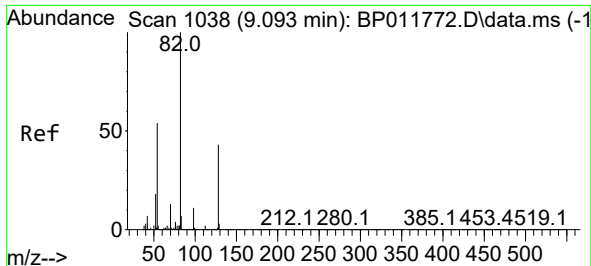
Tgt Ion: 99 Resp: 3891474
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.2
71 30.9 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP011793.D
Acq: 23 Sep 2022 21:03

Tgt Ion: 136 Resp: 1484522
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.6 8.2 12.4
68 7.2 5.8 8.8

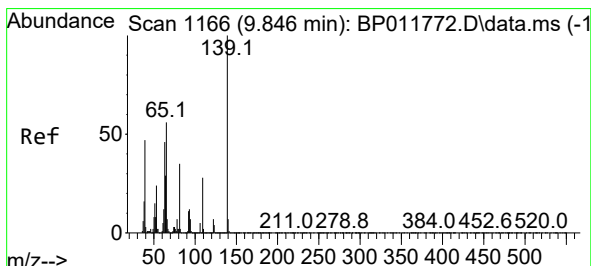
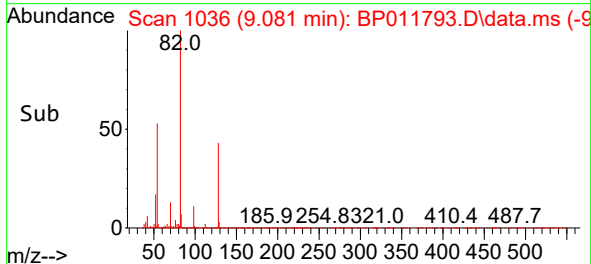
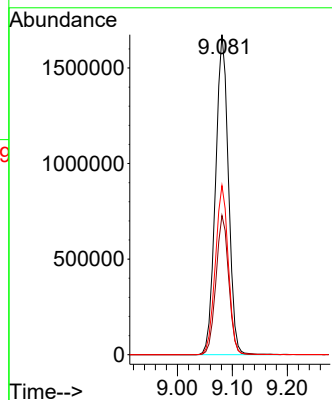
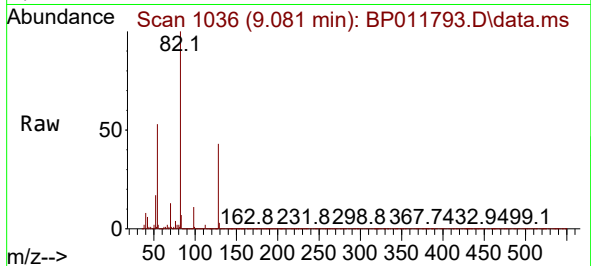




#23
Nitrobenzene-d5
Concen: 96.309 ng
RT: 9.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP011793.D
Acq: 23 Sep 2022 21:03

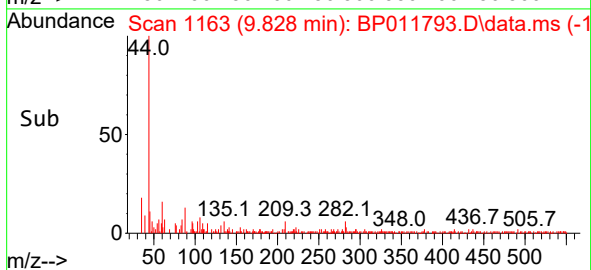
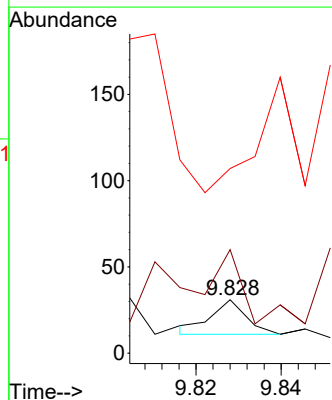
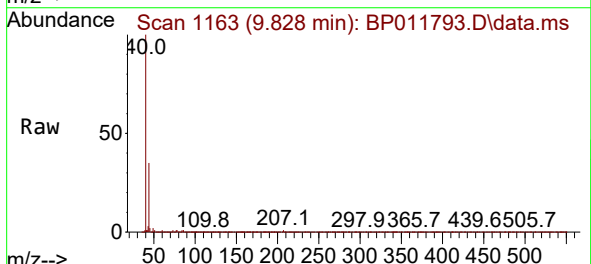
Instrument :
BNA_P
ClientSampleId :
RBR-01

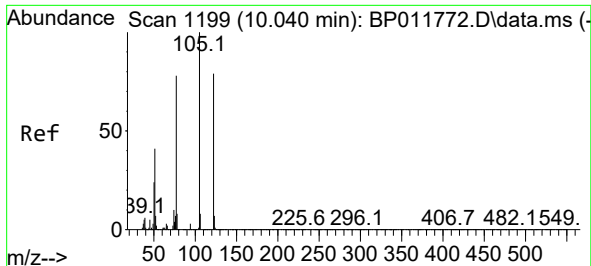
Tgt Ion: 82 Resp: 2731597
Ion Ratio Lower Upper
82 100
128 43.5 34.2 51.4
54 52.9 43.1 64.7



#26
2-Nitrophenol
Concen: 3.332 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.018 min
Lab File: BP011793.D
Acq: 23 Sep 2022 21:03

Tgt Ion:139 Resp: 11
Ion Ratio Lower Upper
139 100
109 193.5 22.6 34.0#
65 345.2 44.7 67.1#

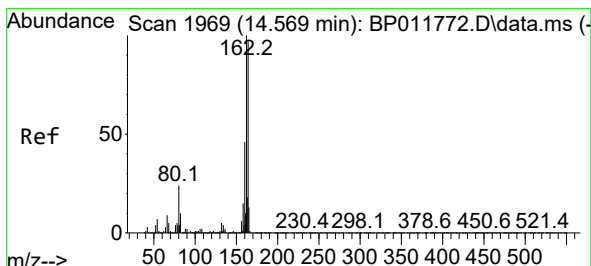
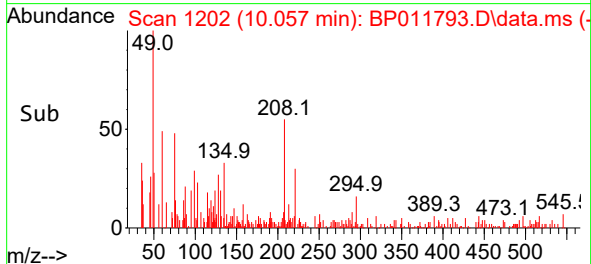
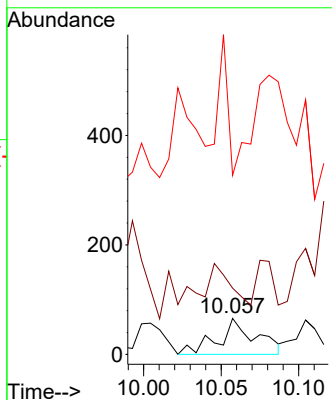
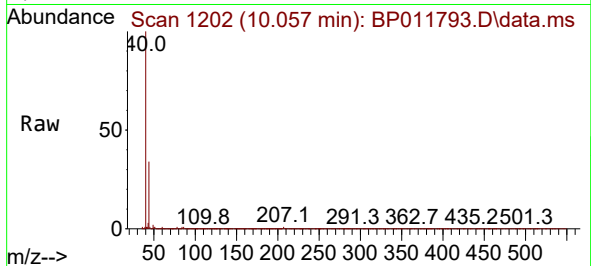




#32
Benzoic acid
Concen: 6.764 ng
RT: 10.057 min Scan# 1199
Delta R.T. 0.017 min
Lab File: BP011793.D
Acq: 23 Sep 2022 21:03

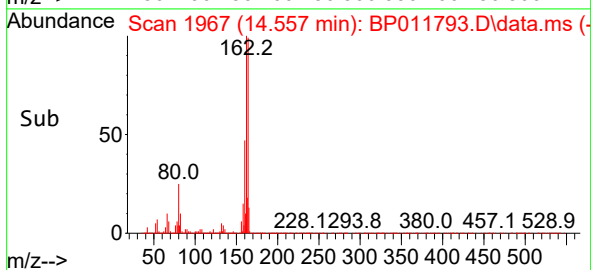
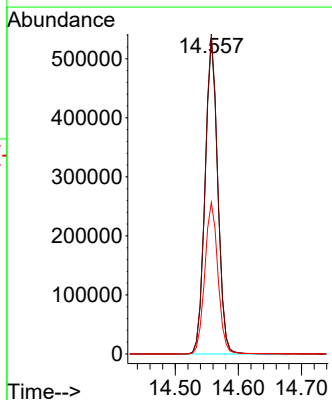
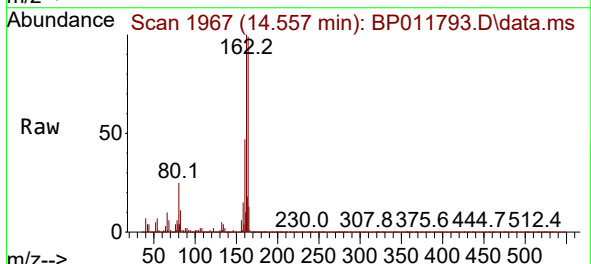
Instrument :
BNA_P
ClientSampleId :
RBR-01

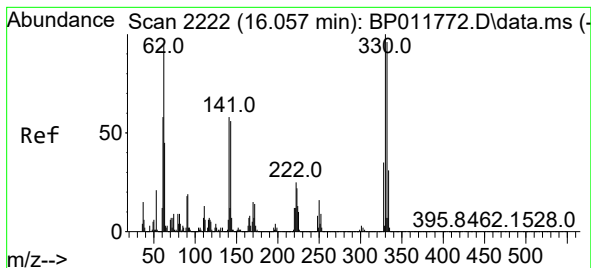
Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 183.3 101.0 141.0#
77 495.5 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP011793.D
Acq: 23 Sep 2022 21:03

Tgt Ion:164 Resp: 742125
Ion Ratio Lower Upper
164 100
162 101.5 82.5 123.7
160 48.0 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 152.538 ng

RT: 16.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011793.D

Acq: 23 Sep 2022 21:03

Instrument :

BNA_P

ClientSampleId :

RBR-01

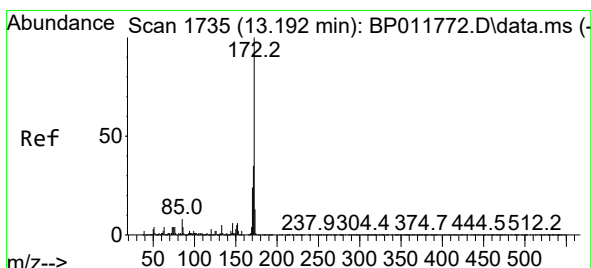
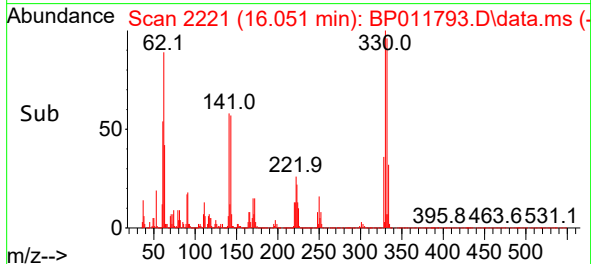
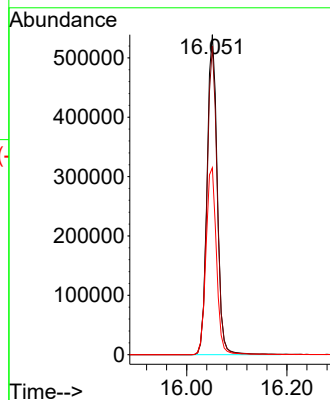
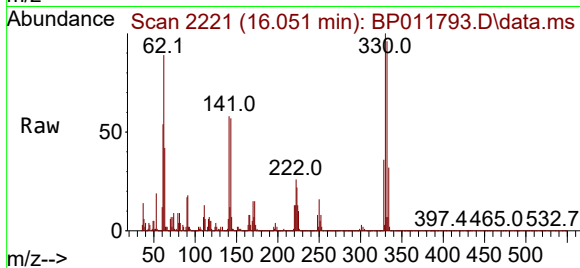
Tgt Ion:330 Resp: 762245

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

141 60.3 48.7 73.1



#45

2-Fluorobiphenyl

Concen: 108.094 ng

RT: 13.181 min Scan# 1733

Delta R.T. -0.012 min

Lab File: BP011793.D

Acq: 23 Sep 2022 21:03

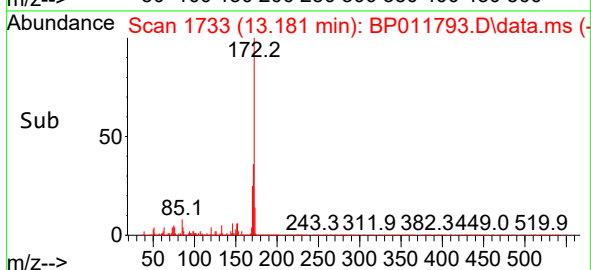
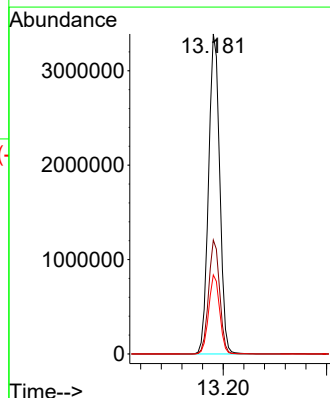
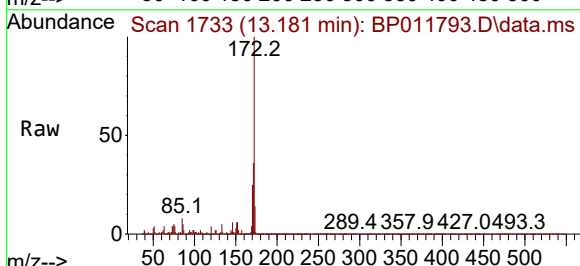
Tgt Ion:172 Resp: 5072691

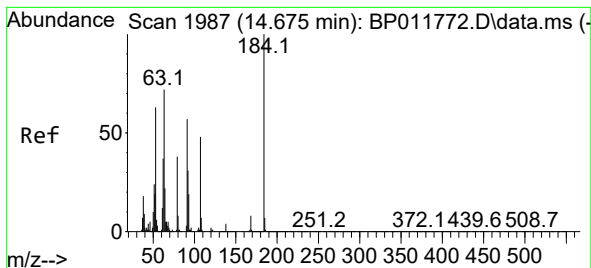
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 24.7 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 6.732 ng

RT: 14.651 min Scan# 1983

Delta R.T. -0.024 min

Lab File: BP011793.D

Acq: 23 Sep 2022 21:03

Instrument :

BNA_P

ClientSampleId :

RBR-01

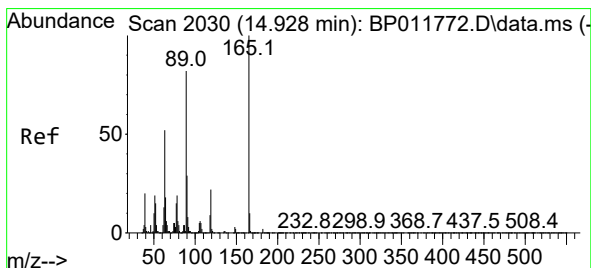
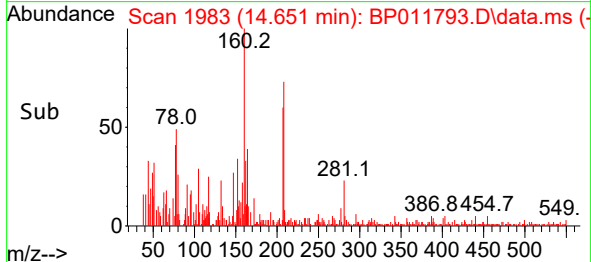
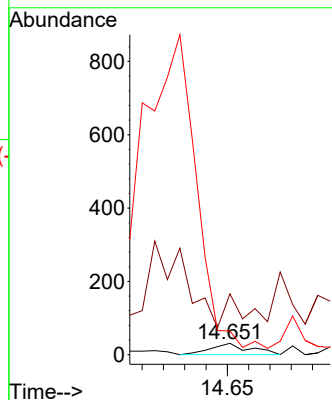
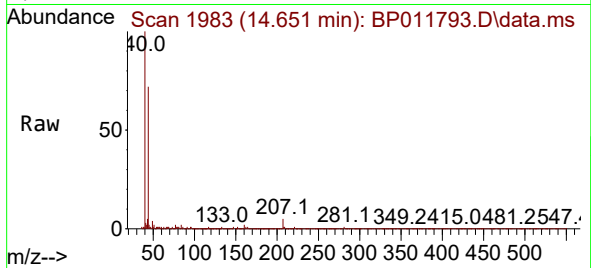
Tgt Ion:184 Resp: 40

Ion Ratio Lower Upper

184 100

63 535.5 65.7 98.5#

154 209.7 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 2.542 ng

RT: 14.910 min Scan# 2027

Delta R.T. -0.018 min

Lab File: BP011793.D

Acq: 23 Sep 2022 21:03

Tgt Ion:165 Resp: 58

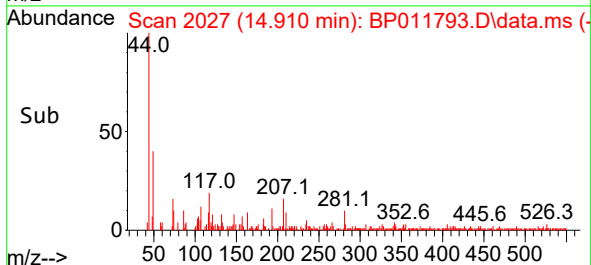
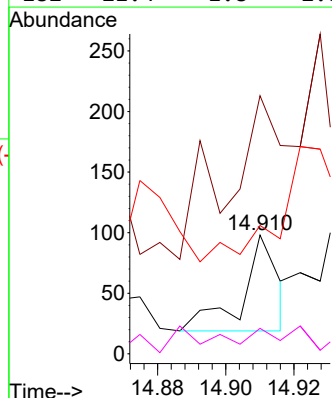
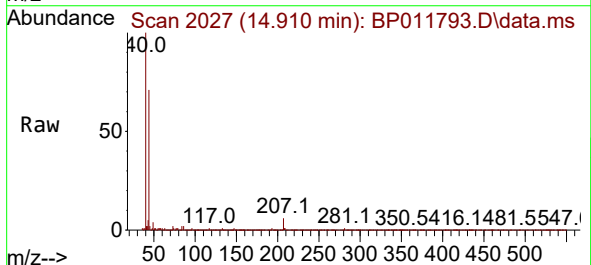
Ion Ratio Lower Upper

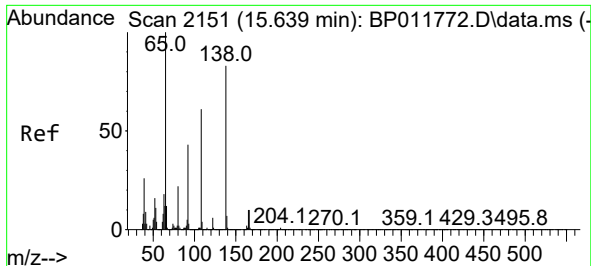
165 100

63 217.3 41.4 62.2#

89 108.2 66.0 99.0#

182 21.4 1.8 2.8#

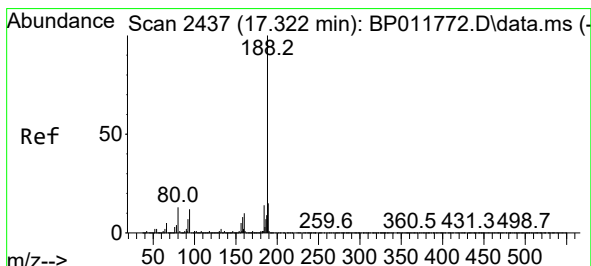
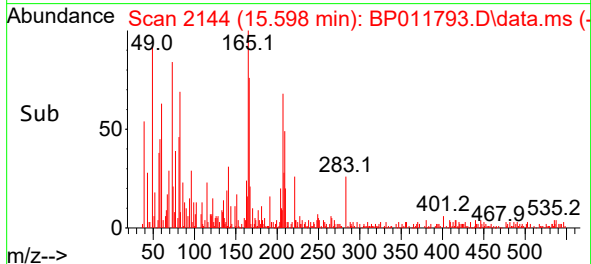
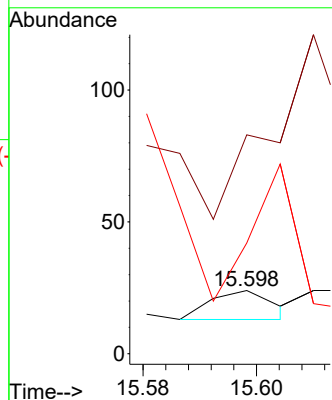
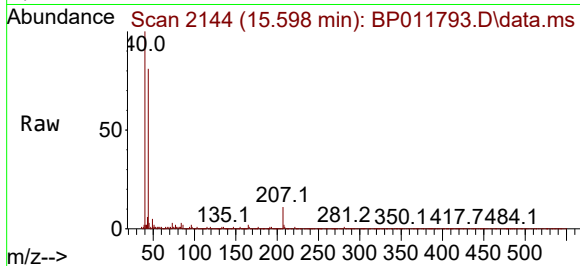




#62
4-Nitroaniline
Concen: 2.386 ng
RT: 15.598 min Scan# 2151
Delta R.T. -0.041 min
Lab File: BP011793.D
Acq: 23 Sep 2022 21:03

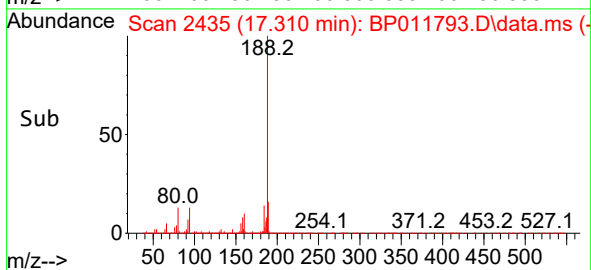
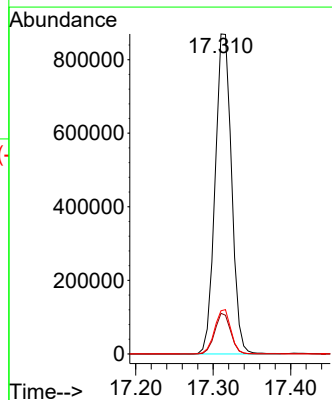
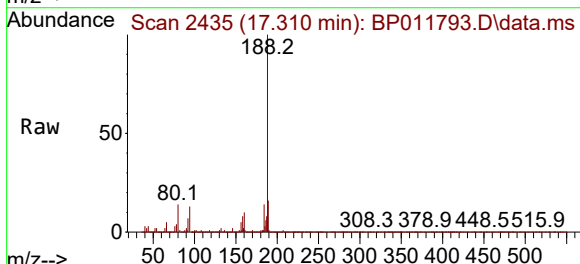
Instrument :
BNA_P
ClientSampleId :
RBR-01

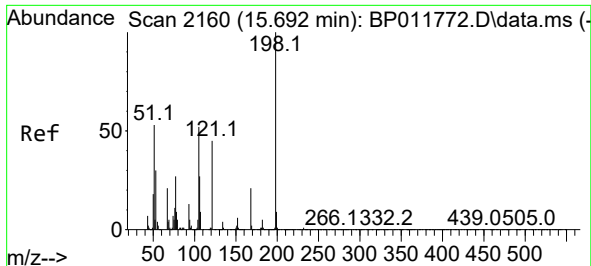
Tgt Ion:138 Resp: 8
Ion Ratio Lower Upper
138 100
92 345.8 31.9 71.9#
108 175.0 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP011793.D
Acq: 23 Sep 2022 21:03

Tgt Ion:188 Resp: 1279359
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.0
80 13.5 10.6 15.8

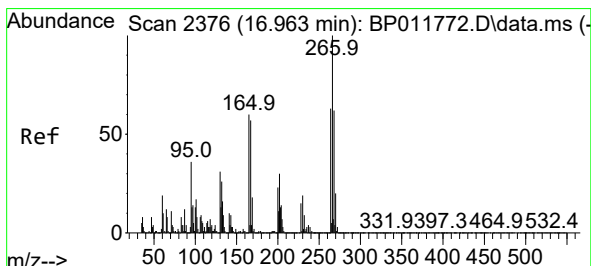
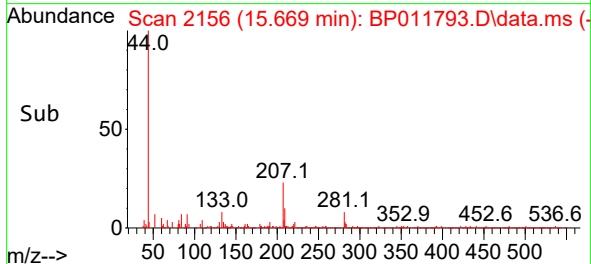
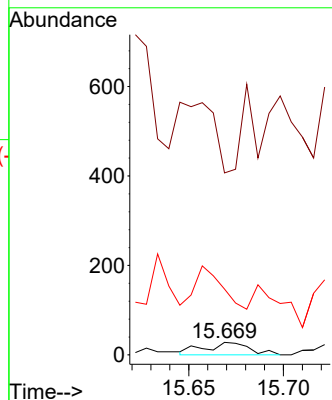
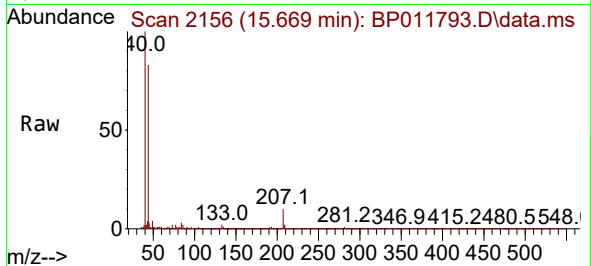




#65
4,6-Dinitro-2-methylphenol
Concen: 5.627 ng
RT: 15.669 min Scan# 2160
Delta R.T. -0.023 min
Lab File: BP011793.D
Acq: 23 Sep 2022 21:03

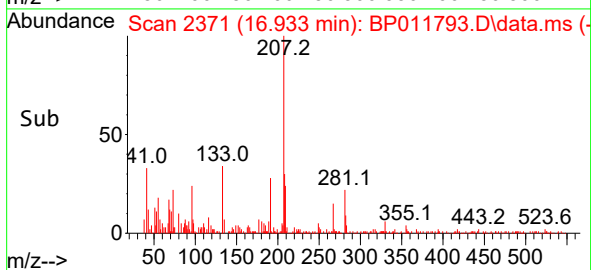
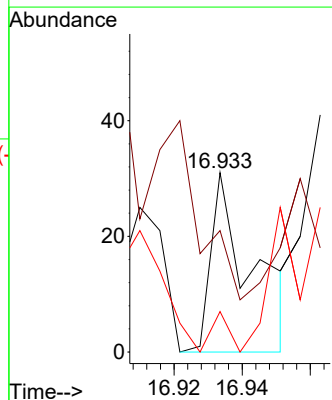
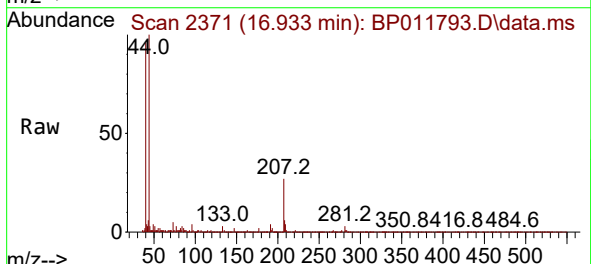
Instrument :
BNA_P
ClientSampleId :
RBR-01

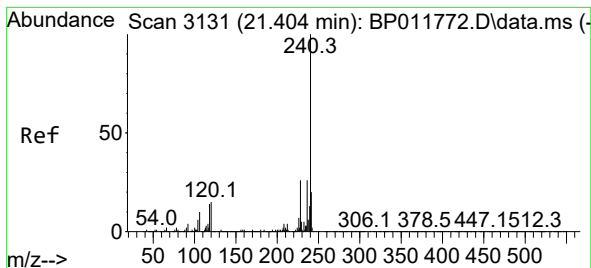
Tgt Ion:198 Resp: 46
Ion Ratio Lower Upper
198 100
51 1453.6 41.6 81.6#
105 525.0 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.387 ng
RT: 16.933 min Scan# 2371
Delta R.T. -0.030 min
Lab File: BP011793.D
Acq: 23 Sep 2022 21:03

Tgt Ion:266 Resp: 26
Ion Ratio Lower Upper
266 100
268 67.7 49.7 74.5
264 22.6 50.6 75.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011793.D

Acq: 23 Sep 2022 21:03

Instrument :

BNA_P

ClientSampleId :

RBR-01

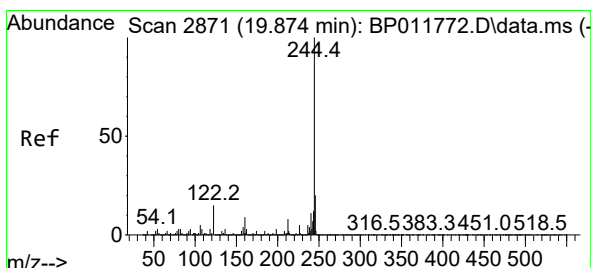
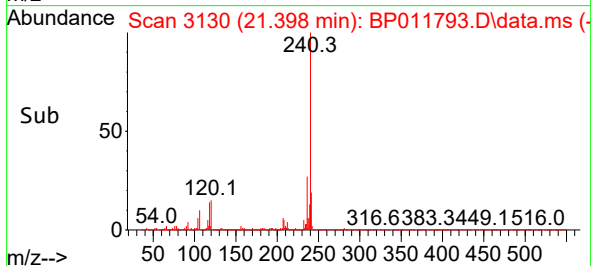
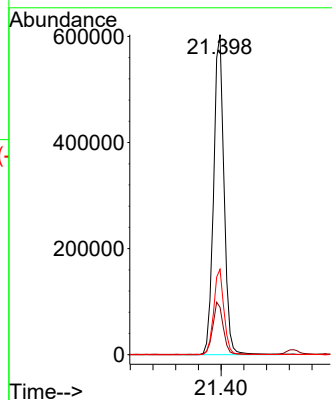
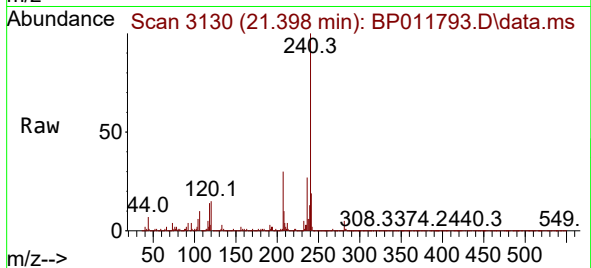
Tgt Ion:240 Resp: 762752

Ion Ratio Lower Upper

240 100

120 14.8 12.0 18.0

236 26.7 21.1 31.7



#79

Terphenyl-d14

Concen: 143.271 ng

RT: 19.869 min Scan# 2870

Delta R.T. -0.006 min

Lab File: BP011793.D

Acq: 23 Sep 2022 21:03

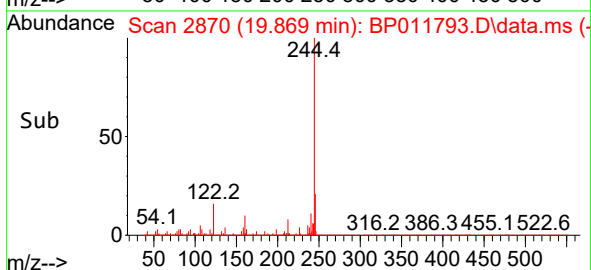
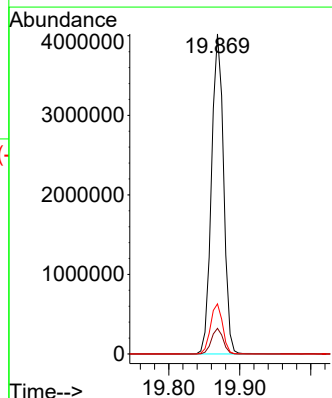
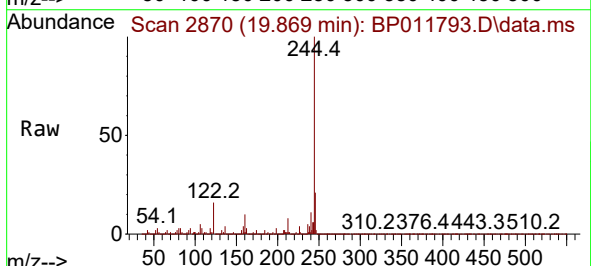
Tgt Ion:244 Resp: 4752699

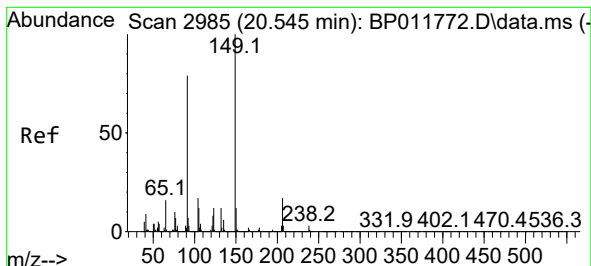
Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 15.7 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.692 ng

RT: 20.545 min Scan# 2985

Delta R.T. 0.000 min

Lab File: BP011793.D

Acq: 23 Sep 2022 21:03

Instrument :

BNA_P

ClientSampleId :

RBR-01

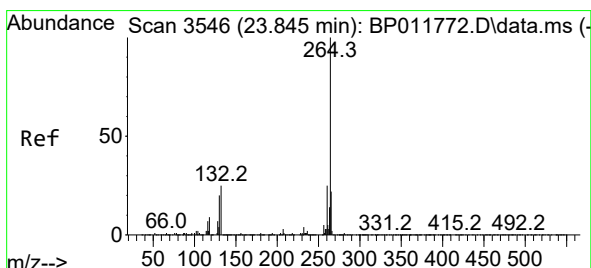
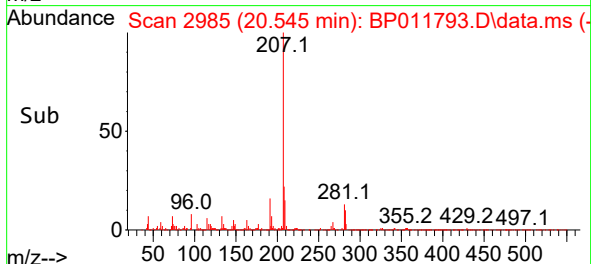
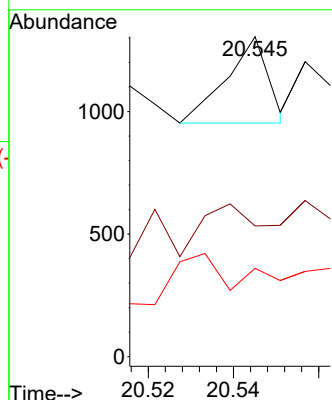
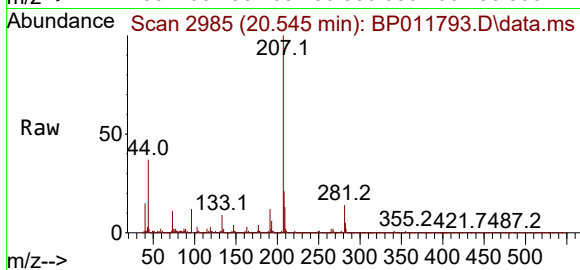
Tgt Ion:149 Resp: 241

Ion Ratio Lower Upper

149 100

91 40.8 63.1 94.7#

206 27.6 13.6 20.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.839 min Scan# 3545

Delta R.T. -0.006 min

Lab File: BP011793.D

Acq: 23 Sep 2022 21:03

Tgt Ion:264 Resp: 709028

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 22.9 17.8 26.8

