

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092622\
 Data File : BP011798.D
 Acq On : 26 Sep 2022 15:50
 Operator : CG/JU
 Sample : PB147874TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147874TB

Quant Time: Sep 27 03:19:02 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)

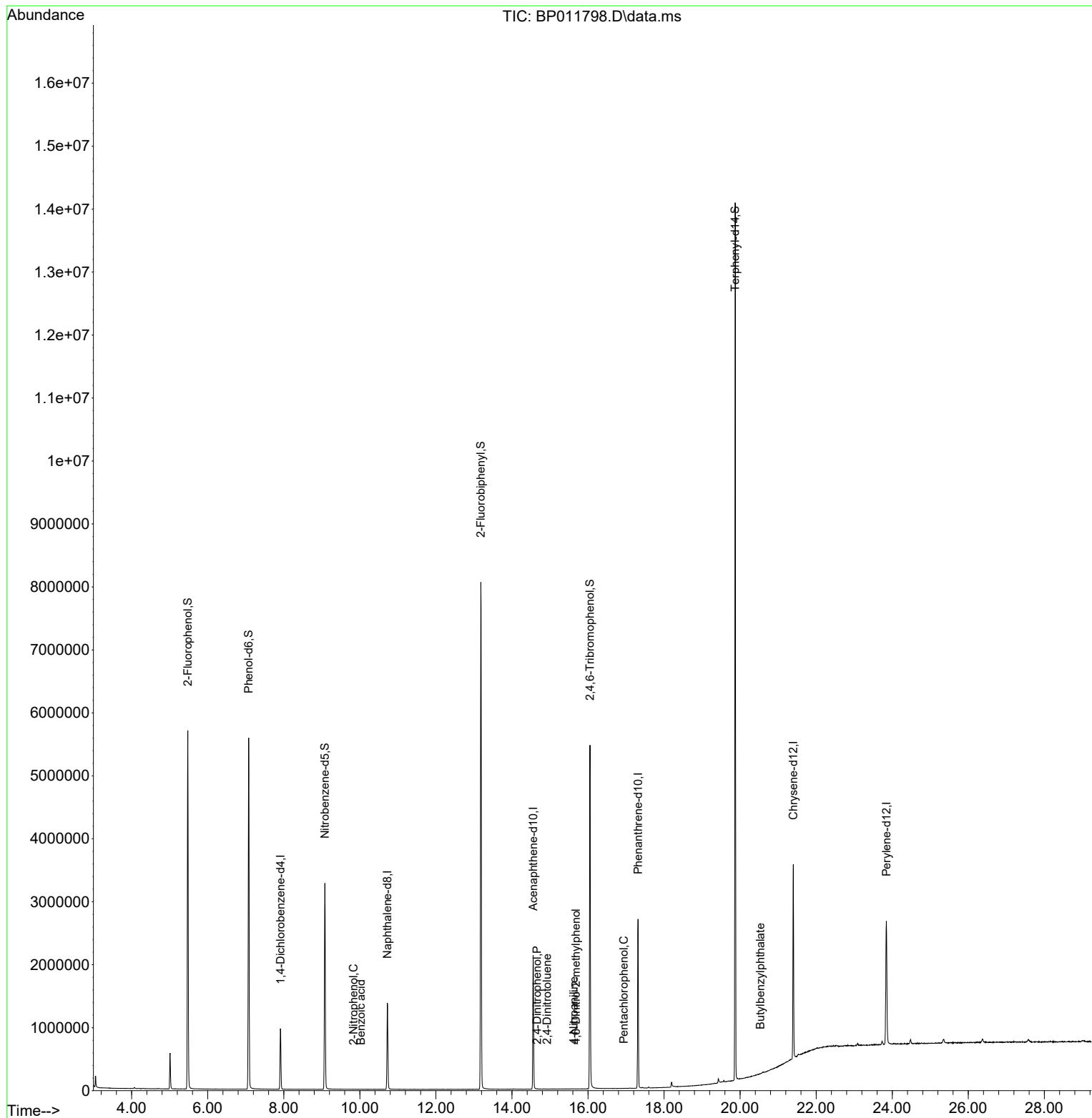
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	266954	20.000	ng	-0.01
21) Naphthalene-d8	10.722	136	1170414	20.000	ng	-0.01
39) Acenaphthene-d10	14.557	164	706353	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1499183	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1337431	20.000	ng	0.00
86) Perylene-d12	23.845	264	1320497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2463571	161.922	ng	0.00
7) Phenol-d6	7.075	99	3256379	144.752	ng	0.00
23) Nitrobenzene-d5	9.081	82	1823638	81.553	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	744426	156.517	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	4092134	91.615	ng	-0.01
79) Terphenyl-d14	19.869	244	5908397	101.578	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.834	139	18	3.333	ng	# 1
32) Benzoic acid	10.028	122	15	6.759	ng	# 1
54) 2,4-Dinitrophenol	14.657	184	14	6.728	ng	# 1
57) 2,4-Dinitrotoluene	14.922	165	23	2.540	ng	# 62
62) 4-Nitroaniline	15.628	138	15	2.387	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.681	198	13	5.622	ng	# 1
70) Pentachlorophenol	16.940	266	366	4.421	ng	# 3
80) Butylbenzylphthalate	20.533	149	180	2.687	ng	# 38

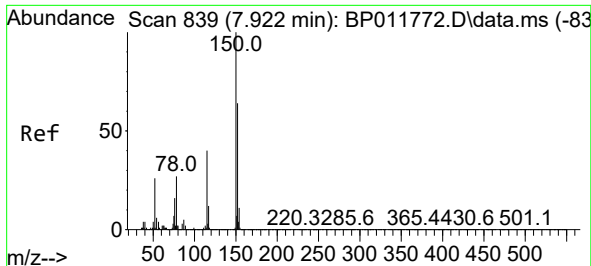
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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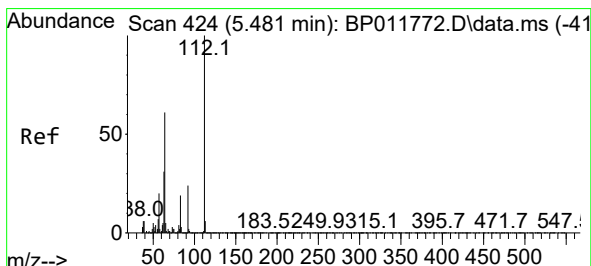
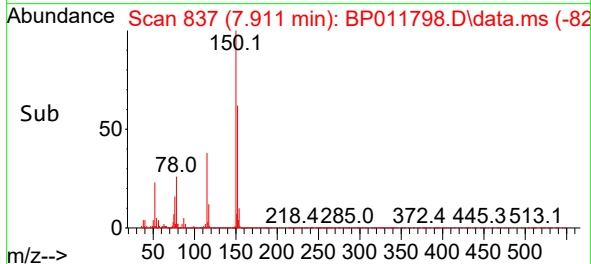
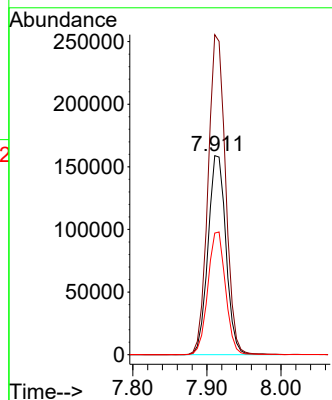
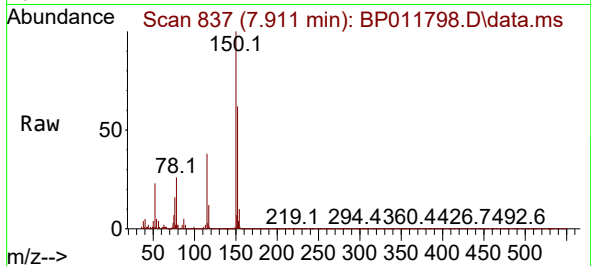




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP011798.D
Acq: 26 Sep 2022 15:50

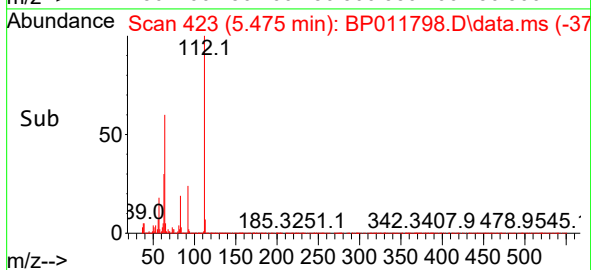
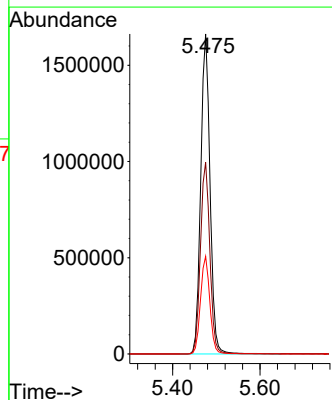
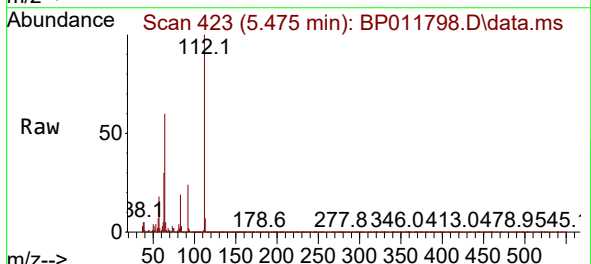
Instrument :
BNA_P
ClientSampleId :
PB147874TB

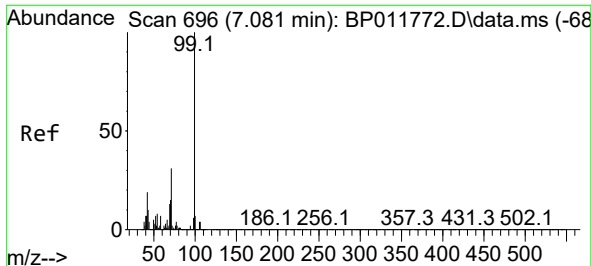
Tgt Ion:152 Resp: 266954
Ion Ratio Lower Upper
152 100
150 160.7 124.2 186.4
115 61.1 50.0 75.0



#5
2-Fluorophenol
Concen: 161.922 ng
RT: 5.475 min Scan# 423
Delta R.T. -0.006 min
Lab File: BP011798.D
Acq: 26 Sep 2022 15:50

Tgt Ion:112 Resp: 2463571
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 30.5 25.2 37.8

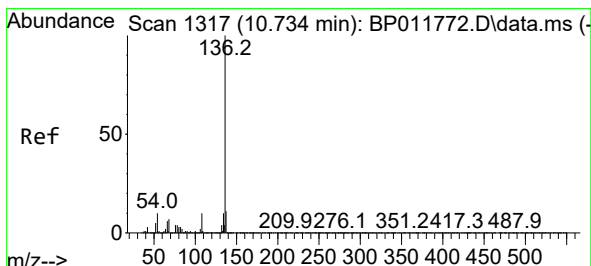
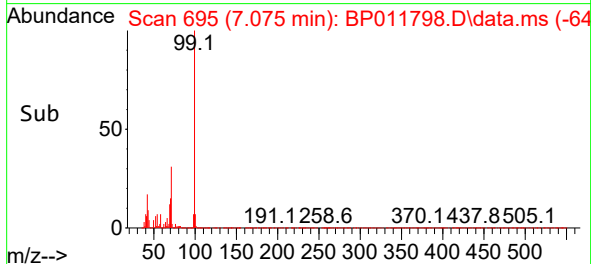
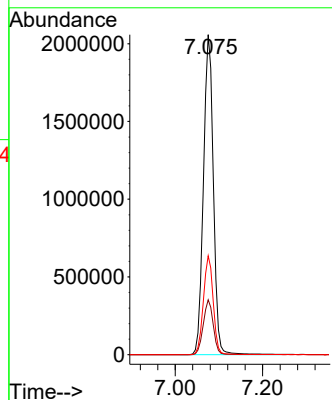
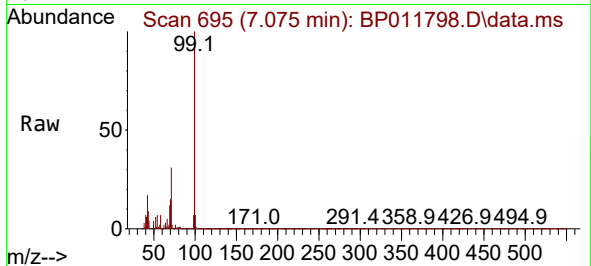




#7
Phenol-d6
Concen: 144.752 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011798.D
Acq: 26 Sep 2022 15:50

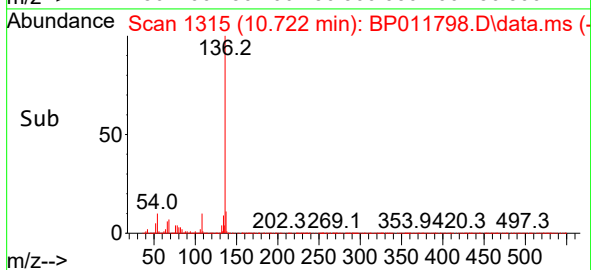
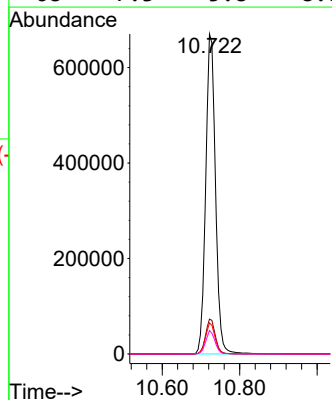
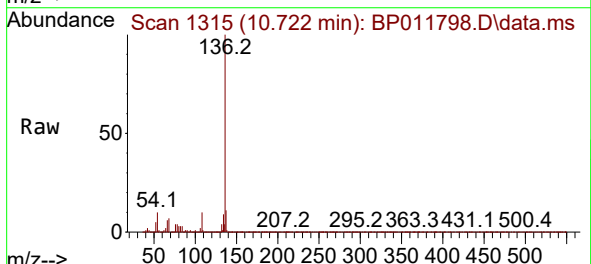
Instrument :
BNA_P
ClientSampleId :
PB147874TB

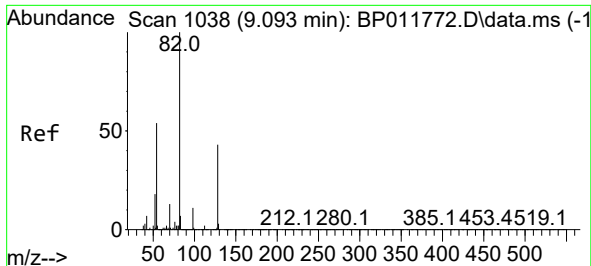
Tgt Ion: 99 Resp: 3256379
Ion Ratio Lower Upper
99 100
42 17.1 15.4 23.2
71 30.9 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BP011798.D
Acq: 26 Sep 2022 15:50

Tgt Ion: 136 Resp: 1170414
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.7 8.2 12.4
68 7.3 5.8 8.8





#23

Nitrobenzene-d5

Concen: 81.553 ng

RT: 9.081 min Scan# 1036

Delta R.T. -0.012 min

Lab File: BP011798.D

Acq: 26 Sep 2022 15:50

Instrument :

BNA_P

ClientSampleId :

PB147874TB

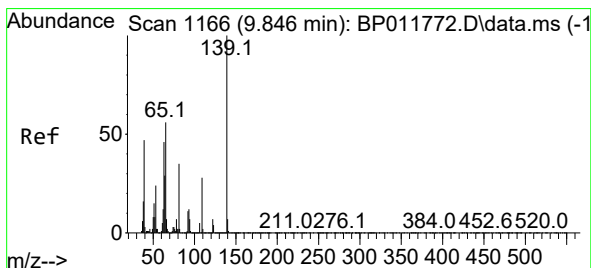
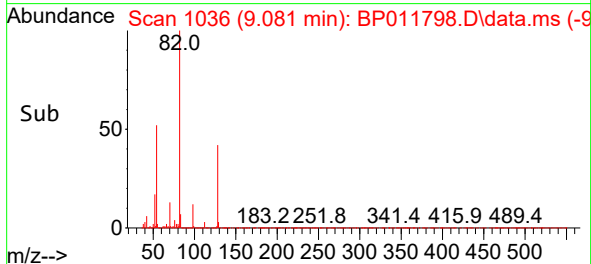
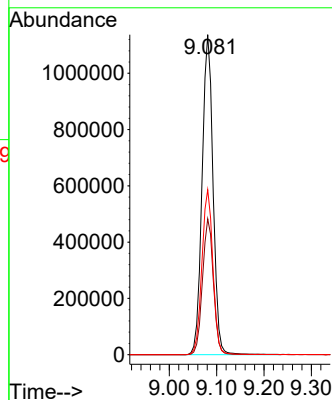
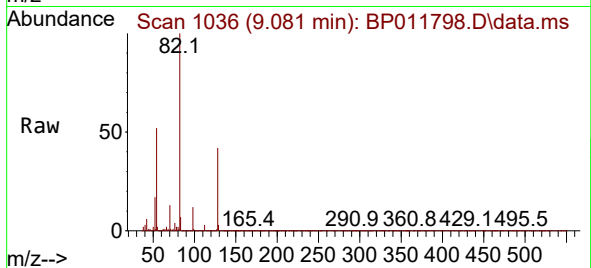
Tgt Ion: 82 Resp: 1823638

Ion Ratio Lower Upper

82 100

128 42.5 34.2 51.4

54 51.6 43.1 64.7



#26

2-Nitrophenol

Concen: 3.333 ng

RT: 9.834 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BP011798.D

Acq: 26 Sep 2022 15:50

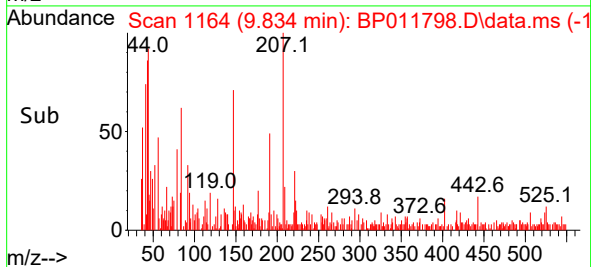
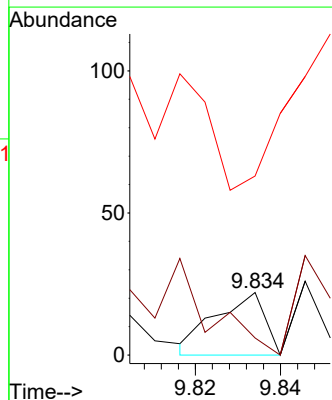
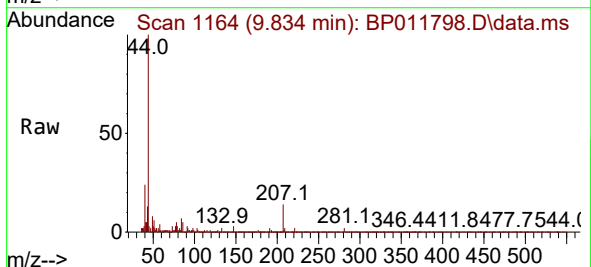
Tgt Ion:139 Resp: 18

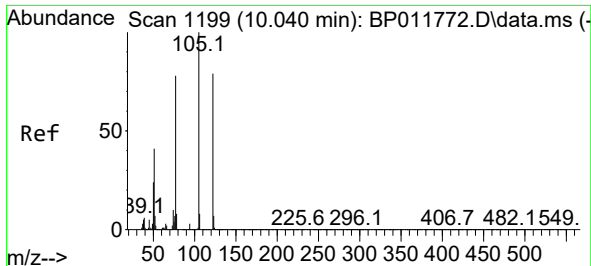
Ion Ratio Lower Upper

139 100

109 27.3 22.6 34.0

65 286.4 44.7 67.1#

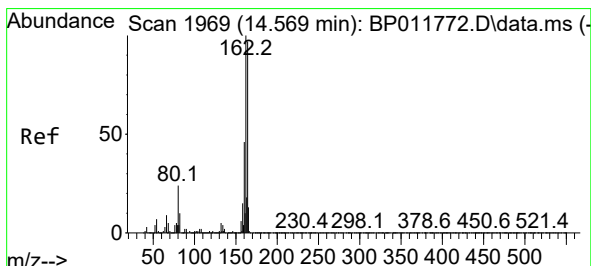
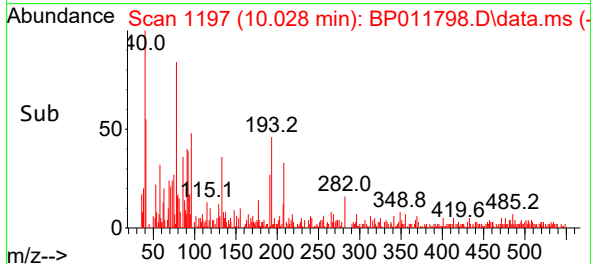
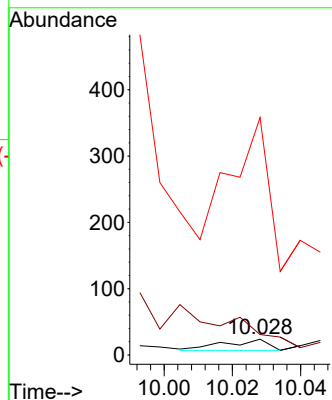
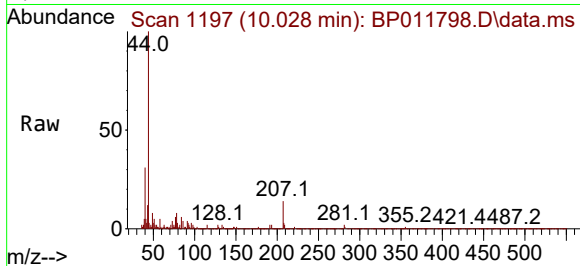




#32
Benzoic acid
Concen: 6.759 ng
RT: 10.028 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BP011798.D
Acq: 26 Sep 2022 15:50

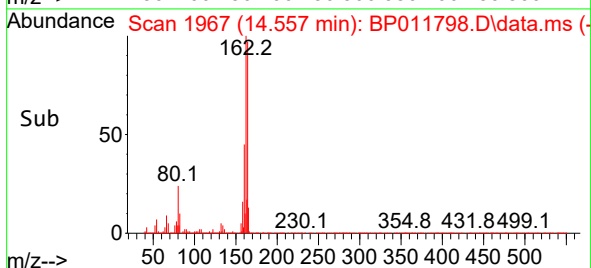
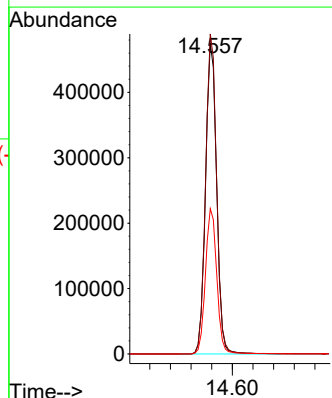
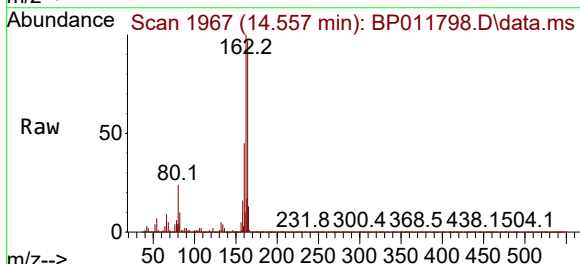
Instrument :
BNA_P
ClientSampleId :
PB147874TB

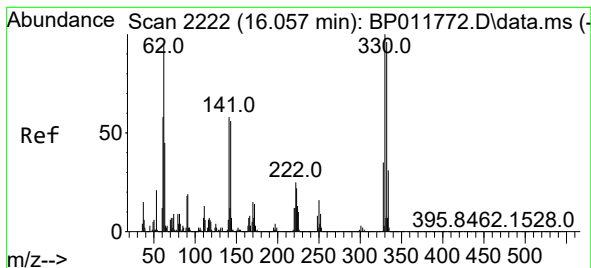
Tgt Ion:122 Resp: 15
Ion Ratio Lower Upper
122 100
105 129.2 101.0 141.0
77 1491.7 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP011798.D
Acq: 26 Sep 2022 15:50

Tgt Ion:164 Resp: 706353
Ion Ratio Lower Upper
164 100
162 103.0 82.5 123.7
160 46.8 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 156.517 ng

RT: 16.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011798.D

Acq: 26 Sep 2022 15:50

Instrument :

BNA_P

ClientSampleId :

PB147874TB

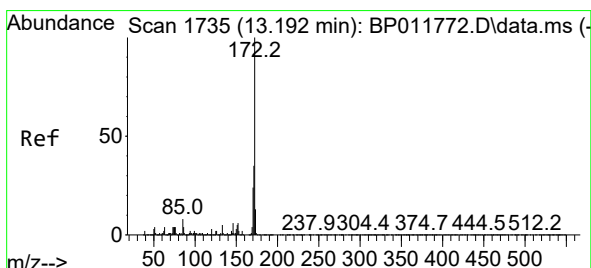
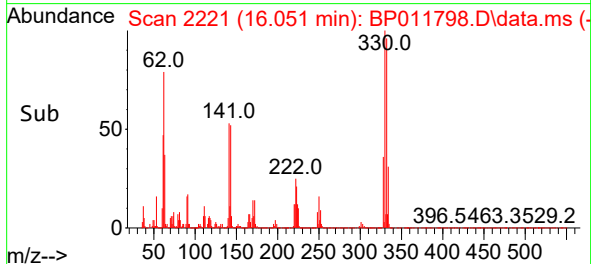
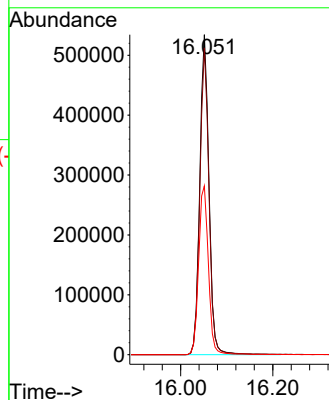
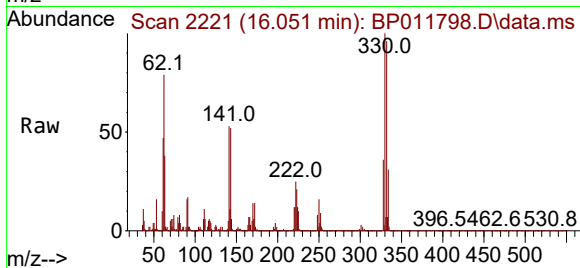
Tgt Ion:330 Resp: 744426

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

141 55.6 48.7 73.1



#45

2-Fluorobiphenyl

Concen: 91.615 ng

RT: 13.181 min Scan# 1733

Delta R.T. -0.012 min

Lab File: BP011798.D

Acq: 26 Sep 2022 15:50

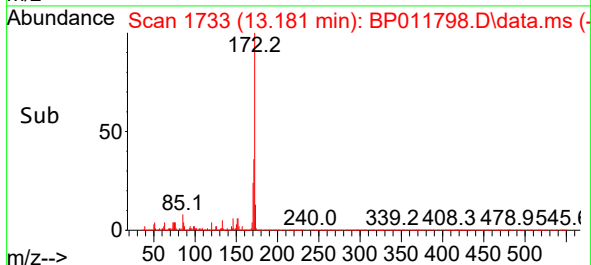
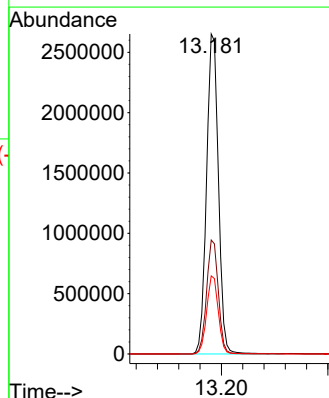
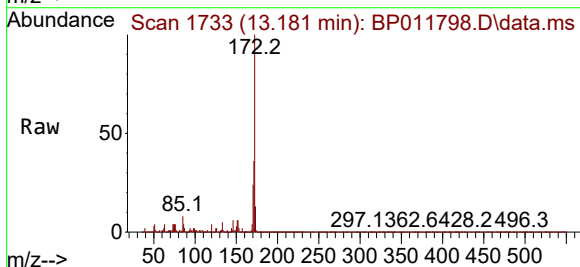
Tgt Ion:172 Resp: 4092134

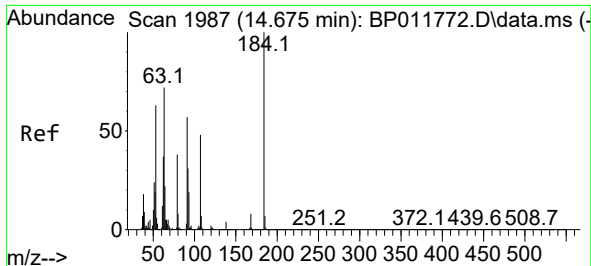
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 24.4 19.5 29.3

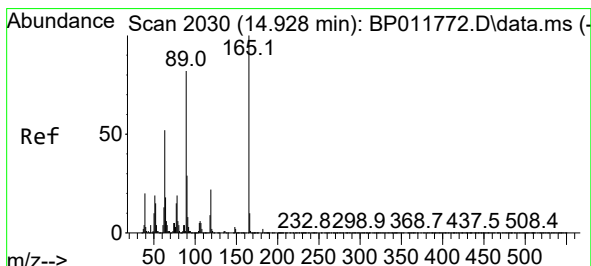
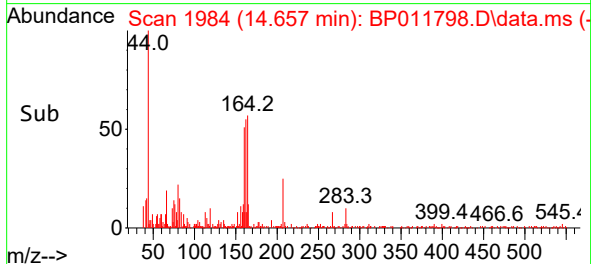
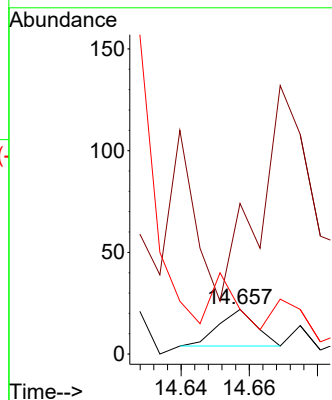
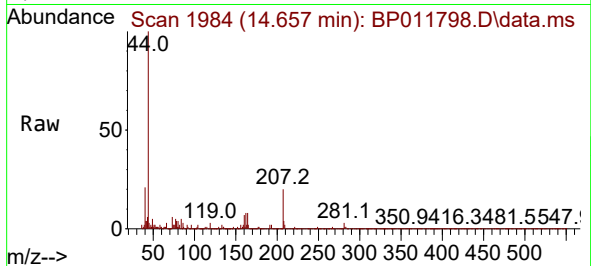




#54
2,4-Dinitrophenol
Concen: 6.728 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.018 min
Lab File: BP011798.D
Acq: 26 Sep 2022 15:50

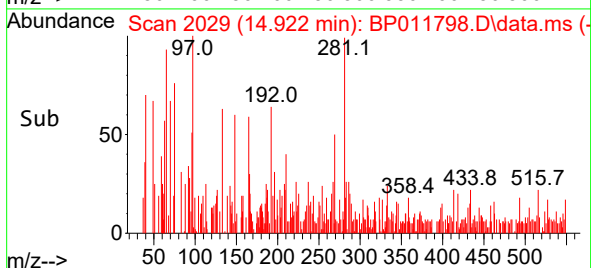
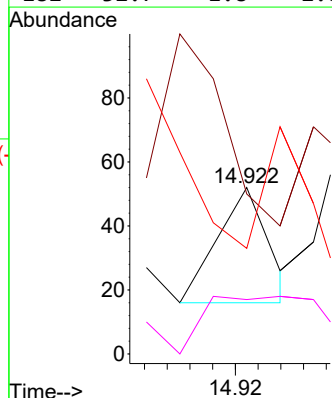
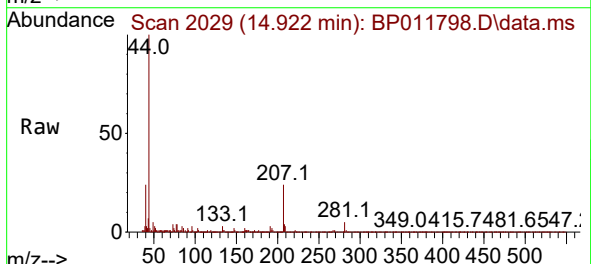
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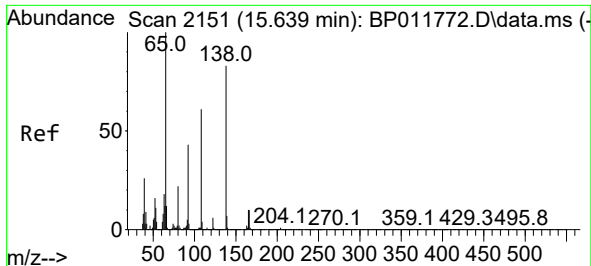
Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 336.4 65.7 98.5#
154 100.0 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 2.540 ng
RT: 14.922 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BP011798.D
Acq: 26 Sep 2022 15:50

Tgt Ion:165 Resp: 23
Ion Ratio Lower Upper
165 100
63 96.2 41.4 62.2#
89 63.5 66.0 99.0#
182 32.7 1.8 2.8#

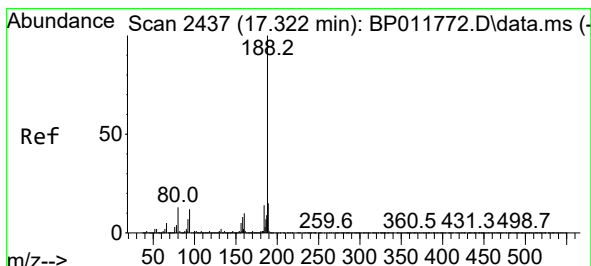
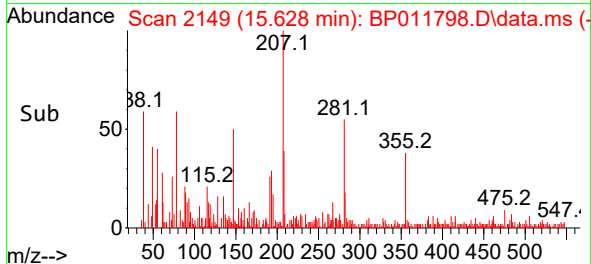
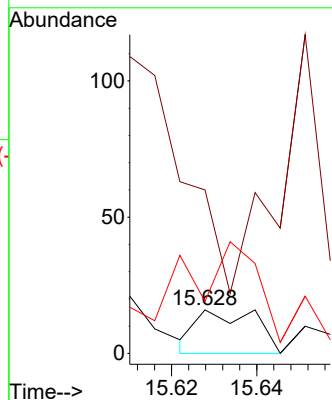
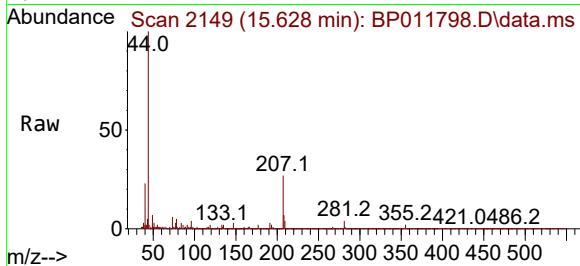




#62
4-Nitroaniline
Concen: 2.387 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BP011798.D
Acq: 26 Sep 2022 15:50

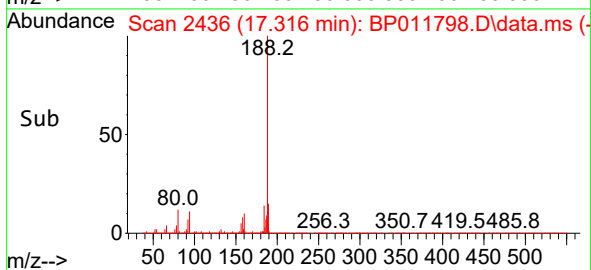
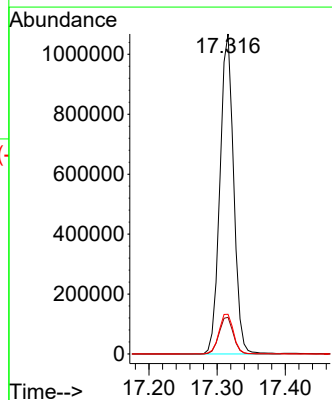
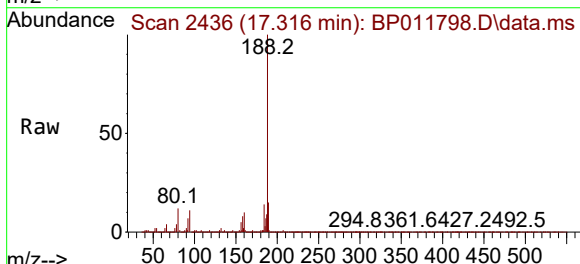
Instrument :
BNA_P
ClientSampleId :
PB147874TB

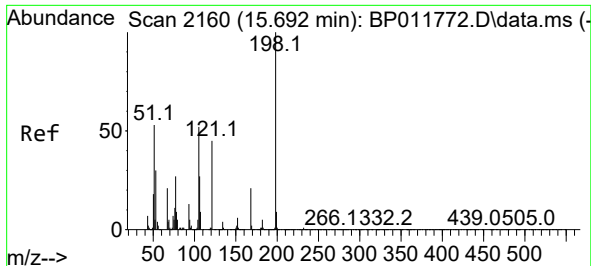
Tgt Ion:138 Resp: 15
Ion Ratio Lower Upper
138 100
92 375.0 31.9 71.9#
108 118.8 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP011798.D
Acq: 26 Sep 2022 15:50

Tgt Ion:188 Resp: 1499183
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.0
80 12.4 10.6 15.8

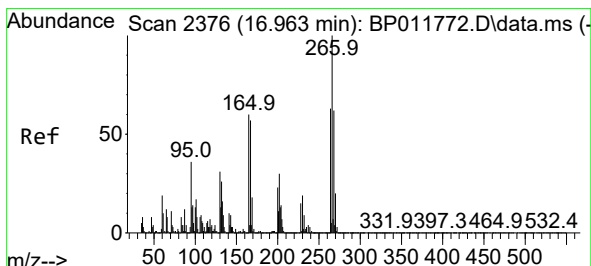
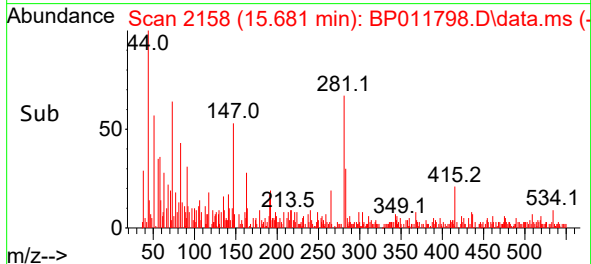
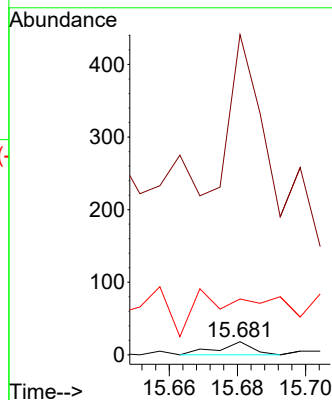
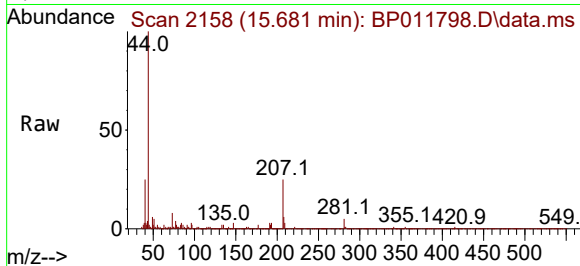




#65
4,6-Dinitro-2-methylphenol
Concen: 5.622 ng
RT: 15.681 min Scan# 2160
Delta R.T. -0.011 min
Lab File: BP011798.D
Acq: 26 Sep 2022 15:50

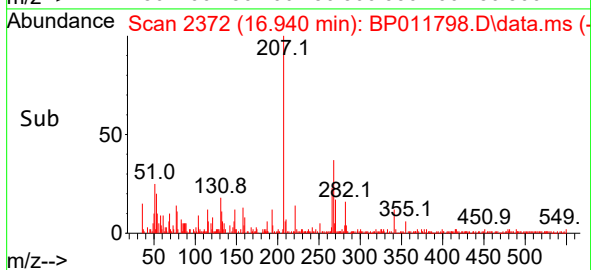
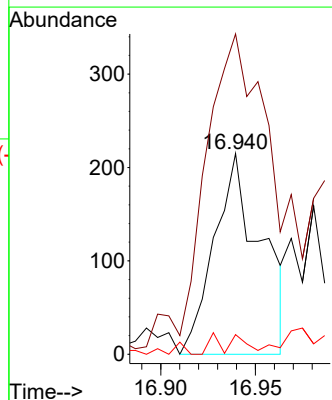
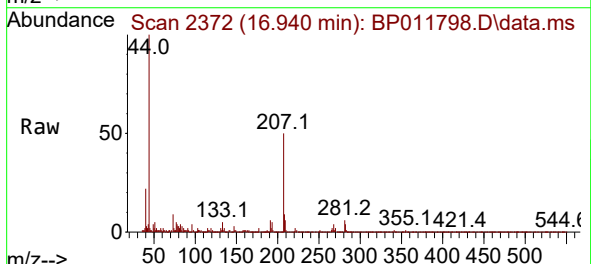
Instrument :
BNA_P
ClientSampleId :
PB147874TB

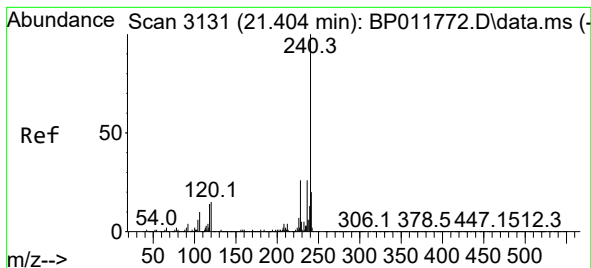
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 1575.0 41.6 81.6#
105 275.0 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.421 ng
RT: 16.940 min Scan# 2372
Delta R.T. -0.023 min
Lab File: BP011798.D
Acq: 26 Sep 2022 15:50

Tgt Ion:266 Resp: 366
Ion Ratio Lower Upper
266 100
268 159.5 49.7 74.5#
264 9.8 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: BP011798.D

Acq: 26 Sep 2022 15:50

Instrument :

BNA_P

ClientSampleId :

PB147874TB

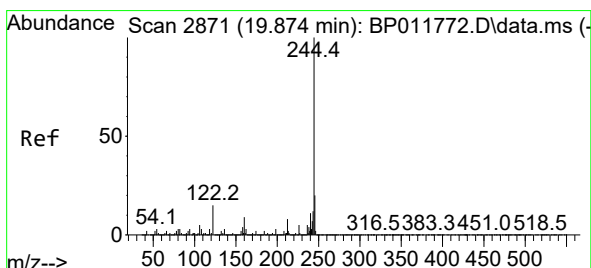
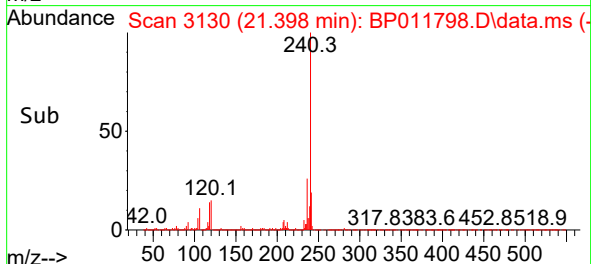
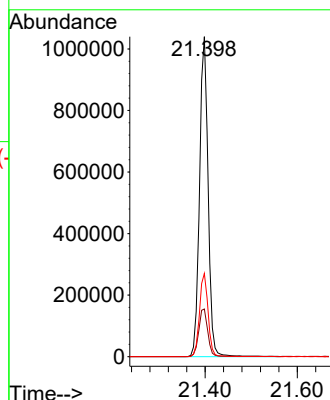
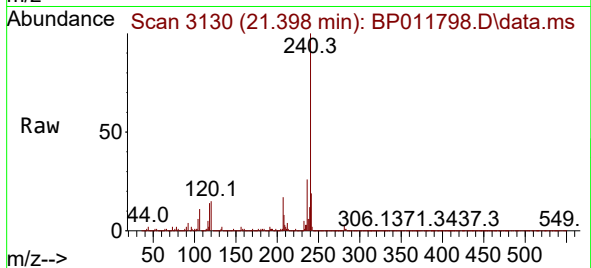
Tgt Ion:240 Resp: 1337431

Ion Ratio Lower Upper

240 100

120 14.9 12.0 18.0

236 26.0 21.1 31.7



#79

Terphenyl-d14

Concen: 101.578 ng

RT: 19.869 min Scan# 2870

Delta R.T. -0.006 min

Lab File: BP011798.D

Acq: 26 Sep 2022 15:50

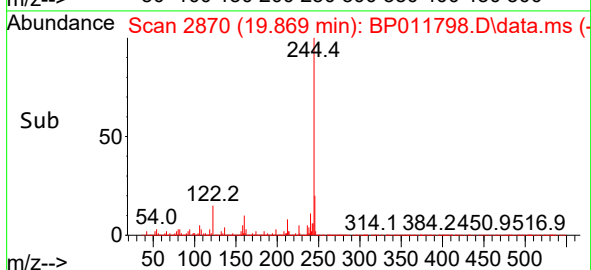
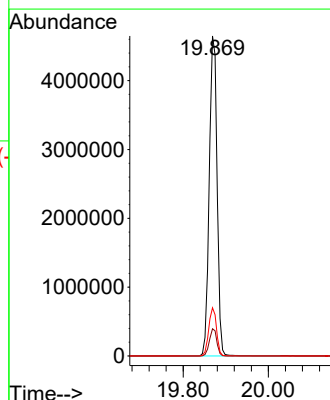
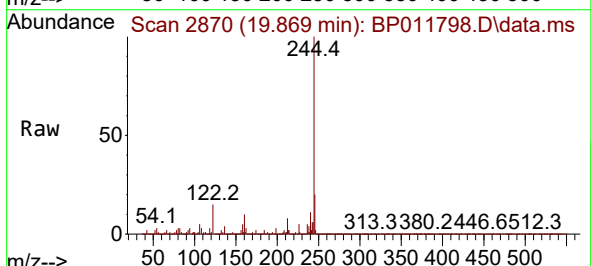
Tgt Ion:244 Resp: 5908397

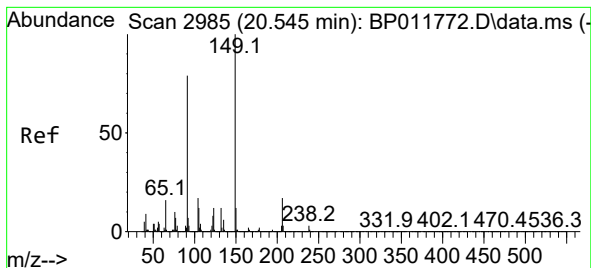
Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 15.1 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.687 ng

RT: 20.533 min Scan# 2985

Delta R.T. -0.012 min

Lab File: BP011798.D

Acq: 26 Sep 2022 15:50

Instrument :

BNA_P

ClientSampleId :

PB147874TB

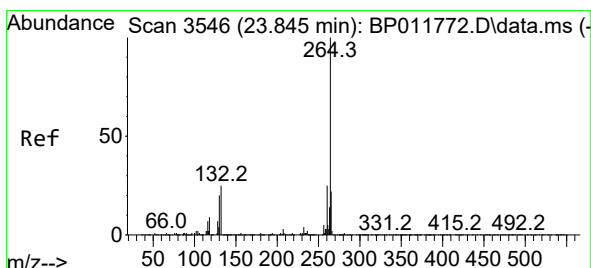
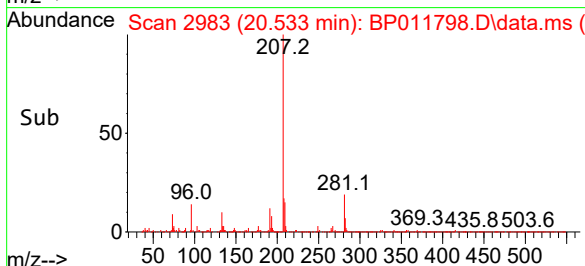
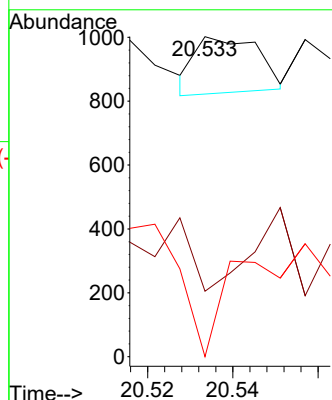
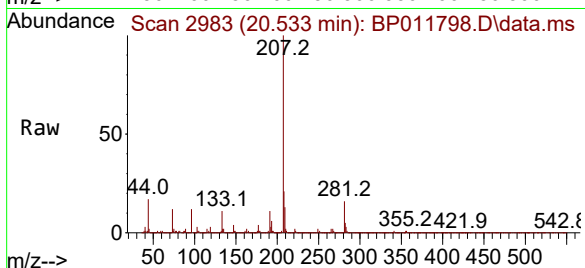
Tgt Ion:149 Resp: 180

Ion Ratio Lower Upper

149 100

91 20.5 63.1 94.7#

206 0.0 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: BP011798.D

Acq: 26 Sep 2022 15:50

Tgt Ion:264 Resp: 1320497

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 22.4 17.8 26.8

