

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092622\
 Data File : BP011797.D
 Acq On : 26 Sep 2022 15:15
 Operator : CG/JU
 Sample : PB147897BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147897BL

Quant Time: Sep 27 03:18:46 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)

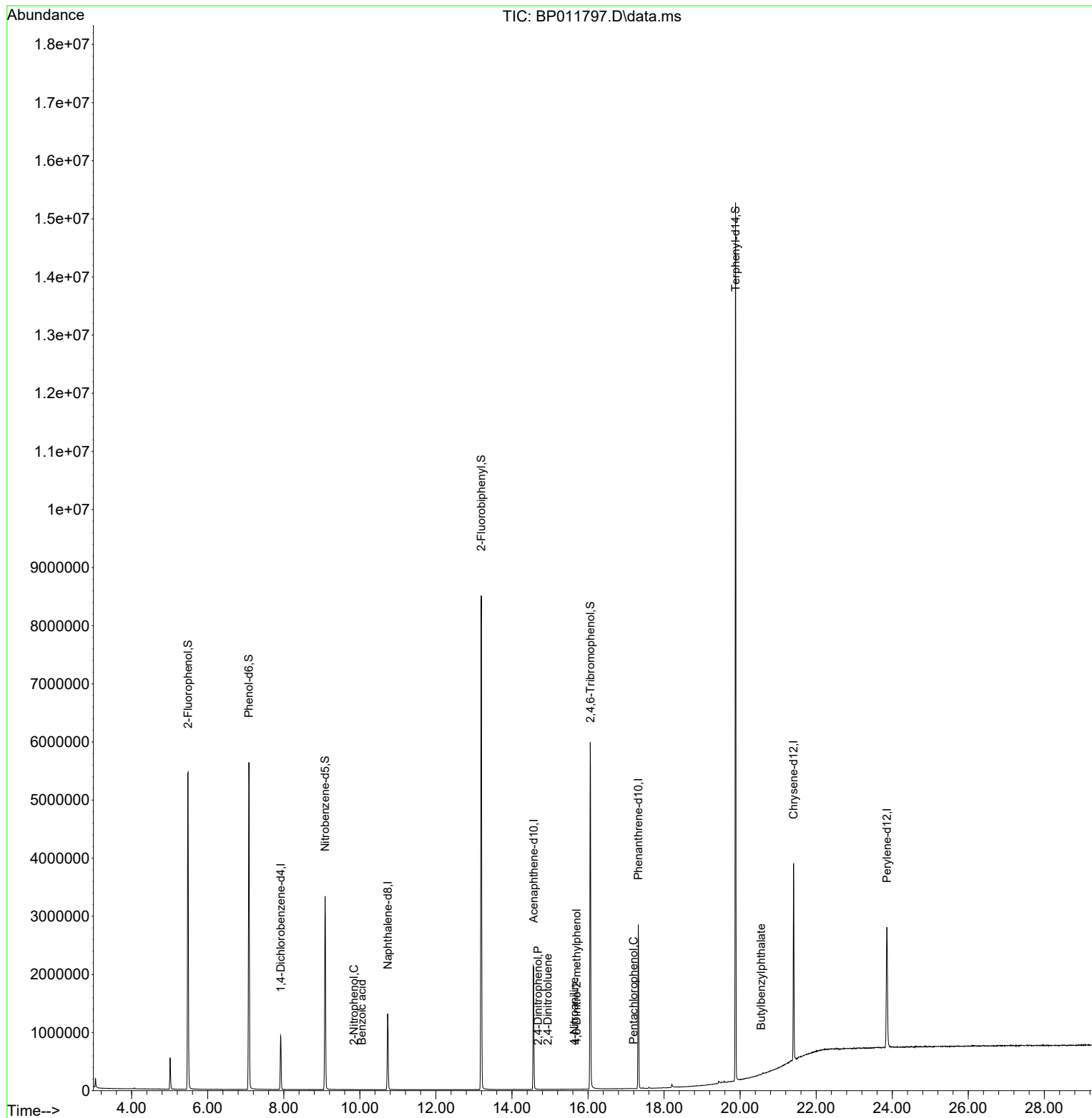
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	253960	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	1135695	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	715661	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1574623	20.000	ng	0.00
76) Chrysene-d12	21.404	240	1437000	20.000	ng	0.00
86) Perylene-d12	23.857	264	1428349	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2525838	174.509	ng	0.00
7) Phenol-d6	7.081	99	3384166	158.129	ng	0.00
23) Nitrobenzene-d5	9.087	82	1887665	86.996	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	829996	172.238	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	4279449	94.563	ng	0.00
79) Terphenyl-d14	19.880	244	6480736	103.698	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.846	139	13	3.333	ng	# 1
32) Benzoic acid	10.052	122	17	6.759	ng	# 1
54) 2,4-Dinitrophenol	14.681	184	46	6.734	ng	98
57) 2,4-Dinitrotoluene	14.940	165	32	2.541	ng	# 1
62) 4-Nitroaniline	15.634	138	16	2.387	ng	# 51
65) 4,6-Dinitro-2-methylph...	15.698	198	6	5.621	ng	# 1
70) Pentachlorophenol	17.198	266	26	4.387	ng	94
80) Butylbenzylphthalate	20.551	149	699	2.697	ng	# 58

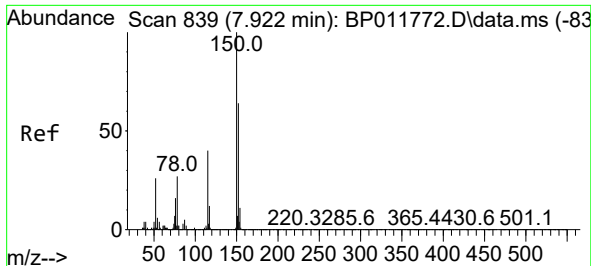
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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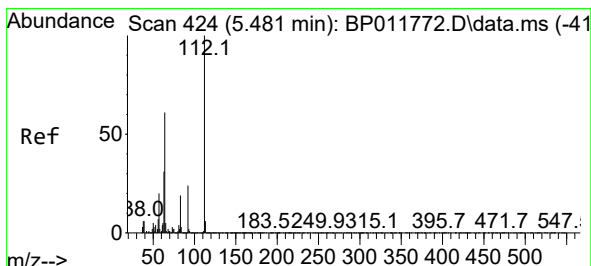
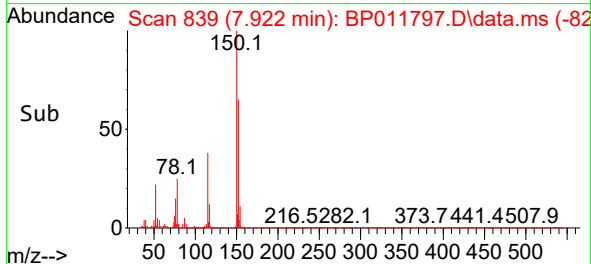
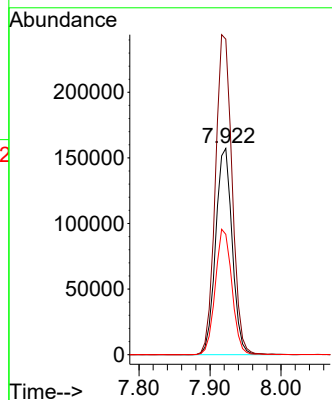
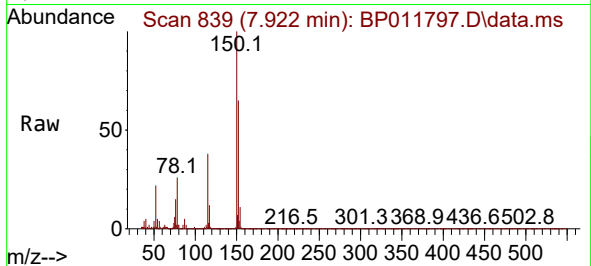




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

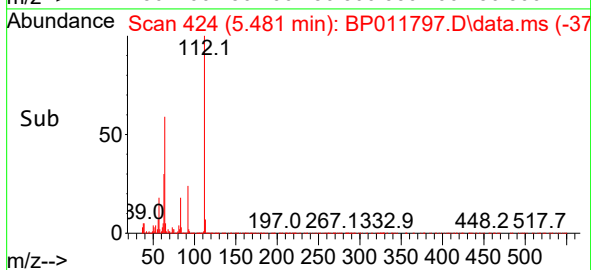
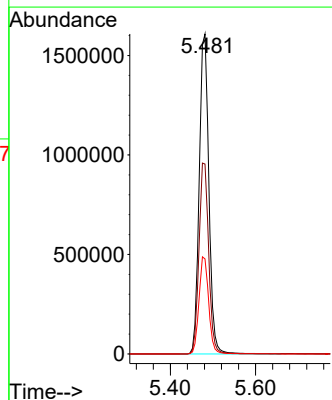
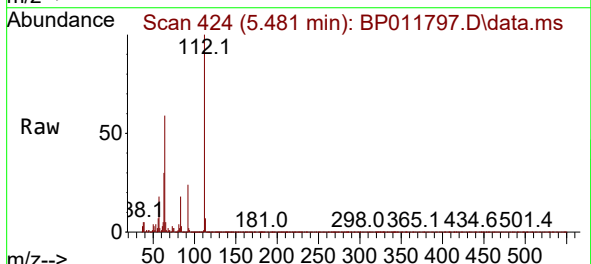
Instrument :
BNA_P
ClientSampleId :
PB147897BL

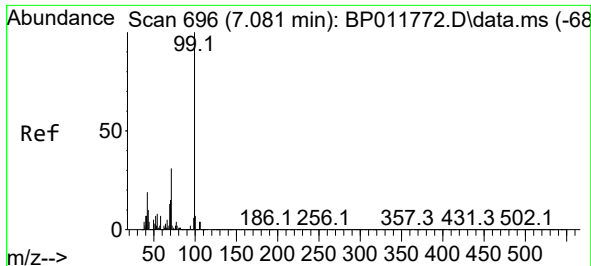
Tgt Ion:152 Resp: 253960
Ion Ratio Lower Upper
152 100
150 153.0 124.2 186.4
115 58.4 50.0 75.0



#5
2-Fluorophenol
Concen: 174.509 ng
RT: 5.481 min Scan# 424
Delta R.T. 0.000 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

Tgt Ion:112 Resp: 2525838
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 29.7 25.2 37.8



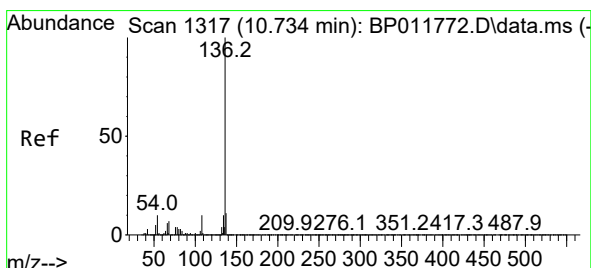
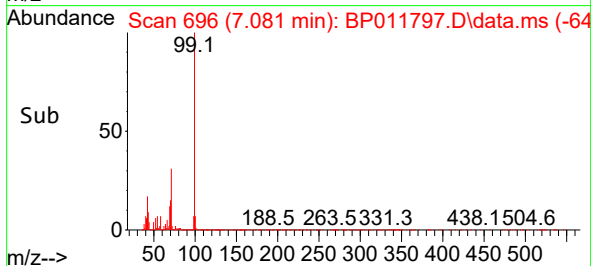
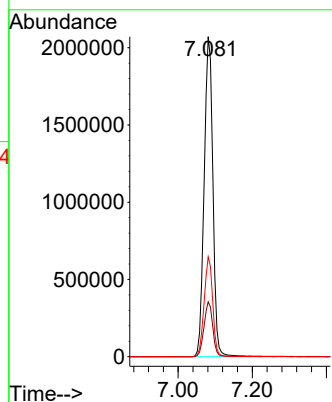
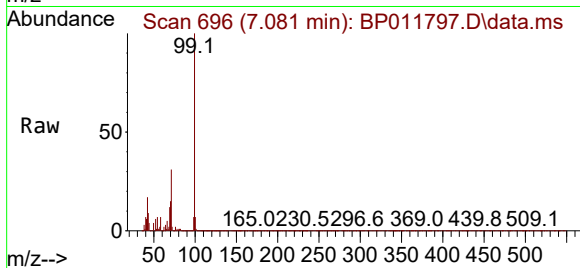


#7
Phenol-d6
Concen: 158.129 ng
RT: 7.081 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

Instrument :
BNA_P
ClientSampleId :
PB147897BL

Tgt Ion: 99 Resp: 3384166

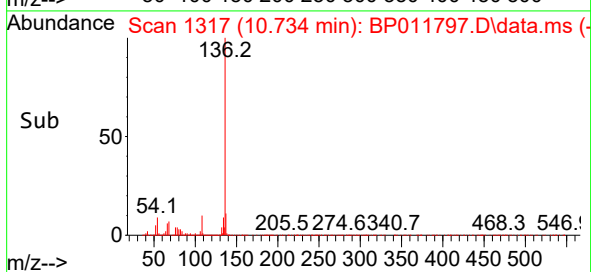
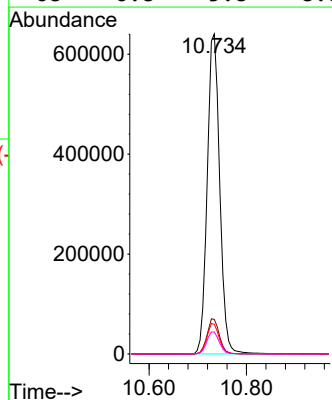
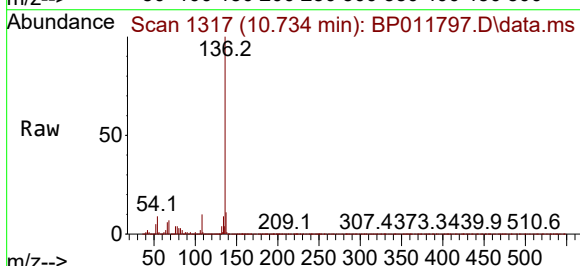
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.4	23.2
71	31.2	24.7	37.1

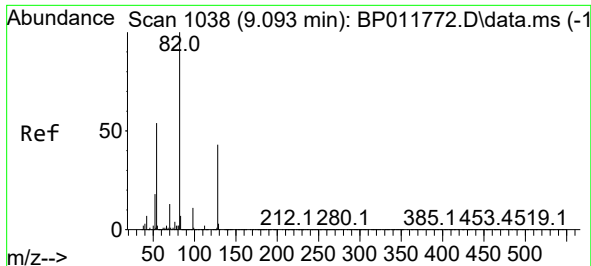


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

Tgt Ion: 136 Resp: 1135695

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.3	8.2	12.4
68	6.8	5.8	8.8

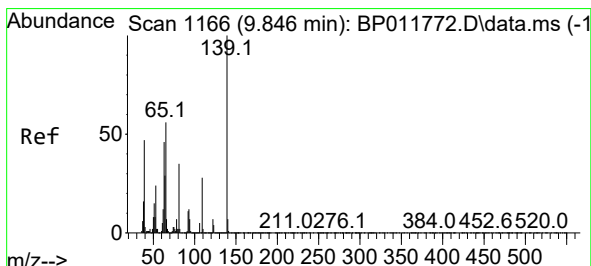
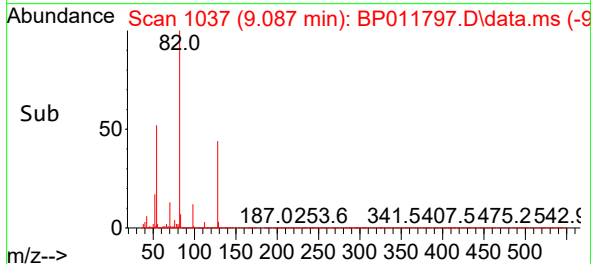
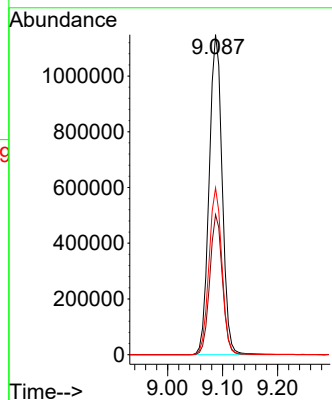
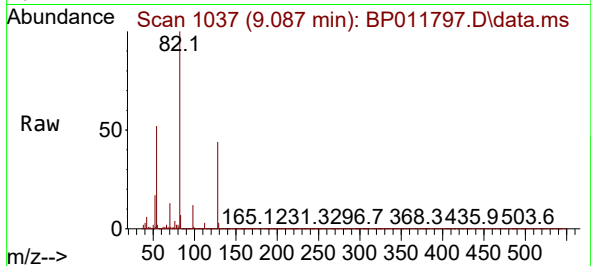




#23
Nitrobenzene-d5
Concen: 86.996 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

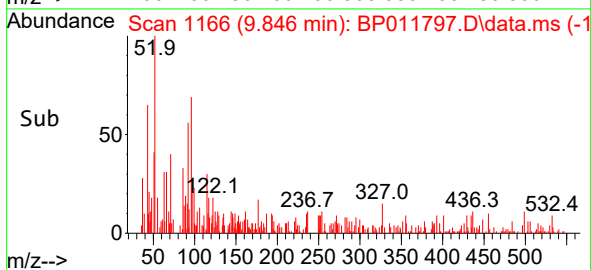
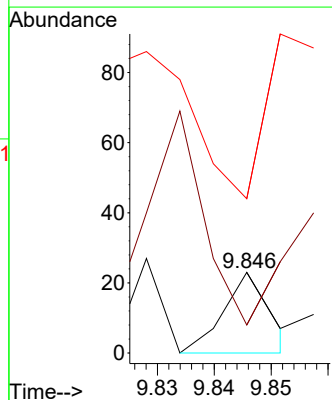
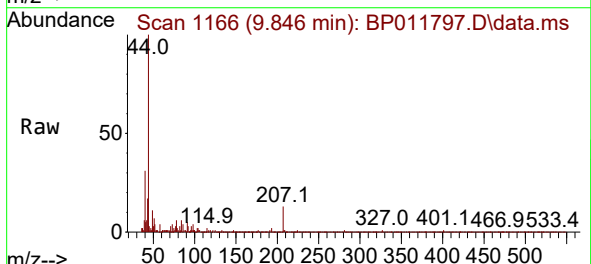
Instrument :
BNA_P
ClientSampleId :
PB147897BL

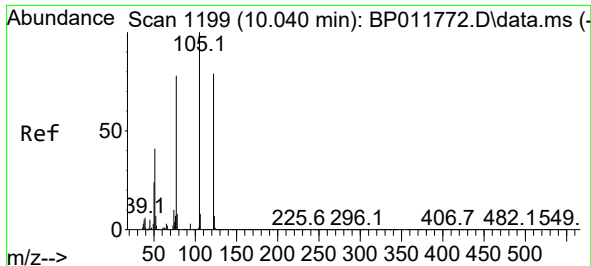
Tgt Ion: 82 Resp: 1887665
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 52.1 43.1 64.7



#26
2-Nitrophenol
Concen: 3.333 ng
RT: 9.846 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

Tgt Ion:139 Resp: 13
Ion Ratio Lower Upper
139 100
109 34.8 22.6 34.0#
65 191.3 44.7 67.1#

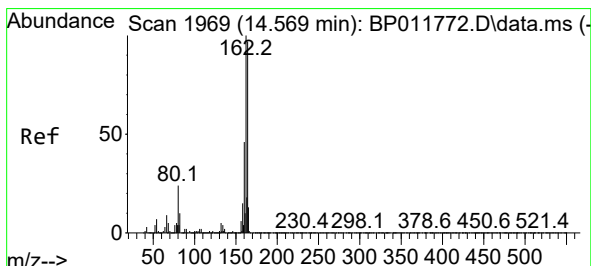
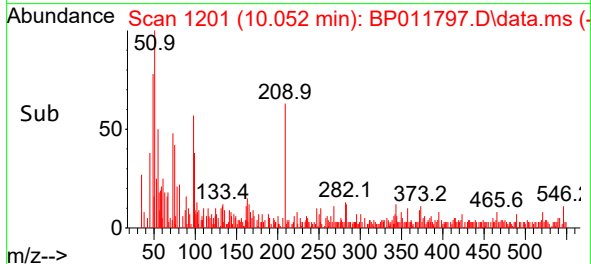
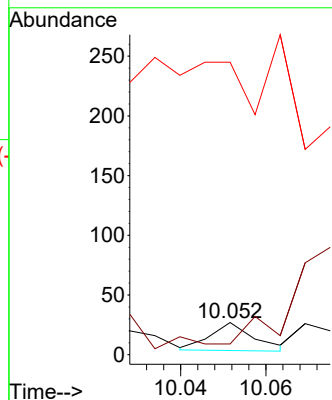
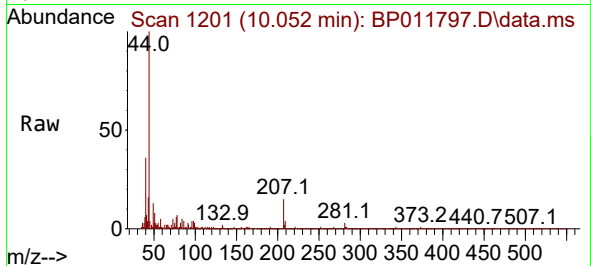




#32
Benzoic acid
Concen: 6.759 ng
RT: 10.052 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

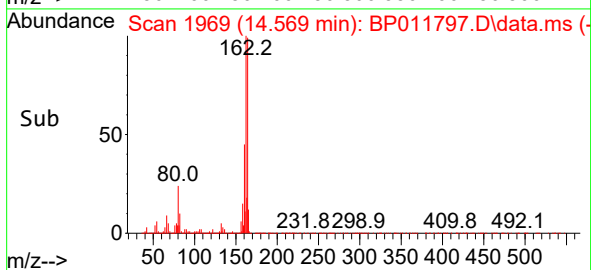
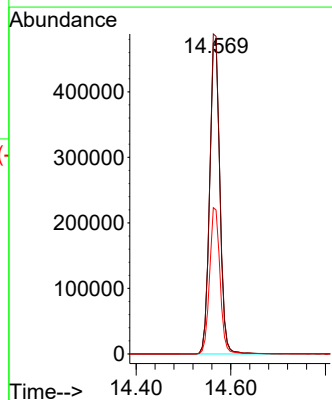
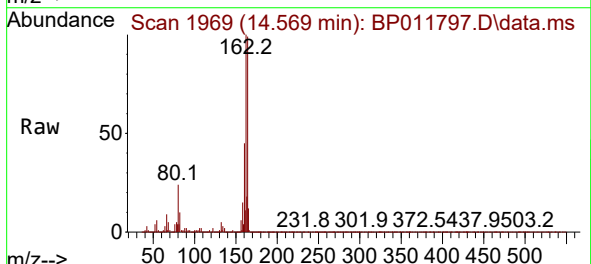
Instrument :
BNA_P
ClientSampleId :
PB147897BL

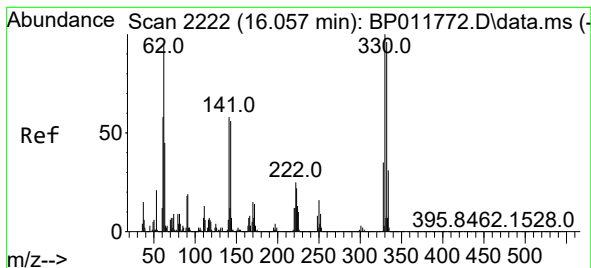
Tgt Ion:122 Resp: 17
Ion Ratio Lower Upper
122 100
105 33.3 101.0 141.0#
77 907.4 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

Tgt Ion:164 Resp: 715661
Ion Ratio Lower Upper
164 100
162 101.0 82.5 123.7
160 45.8 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 172.238 ng

RT: 16.063 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011797.D

Acq: 26 Sep 2022 15:15

Instrument :

BNA_P

ClientSampleId :

PB147897BL

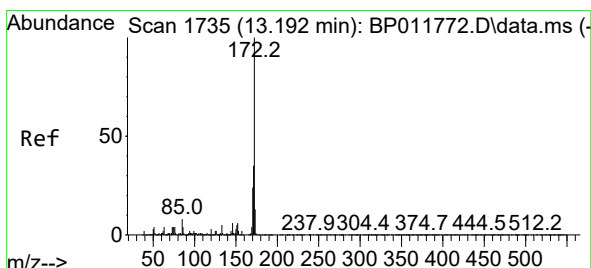
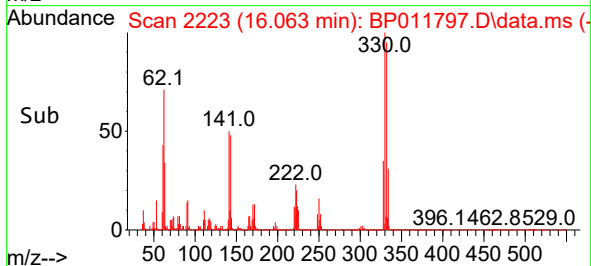
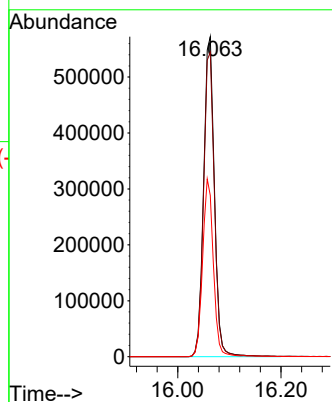
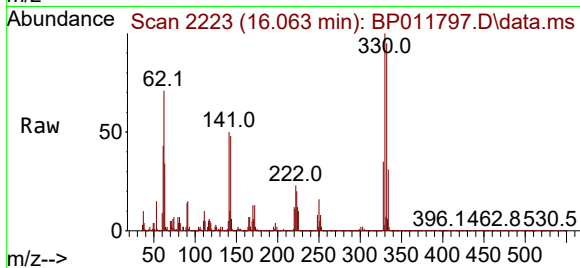
Tgt Ion:330 Resp: 829996

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

141 55.5 48.7 73.1



#45

2-Fluorobiphenyl

Concen: 94.563 ng

RT: 13.193 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP011797.D

Acq: 26 Sep 2022 15:15

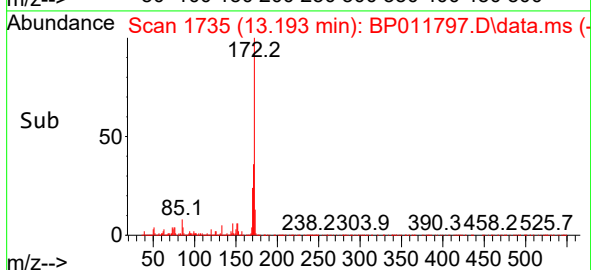
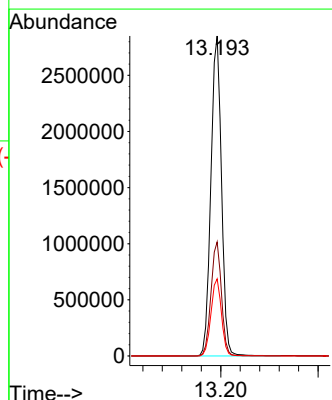
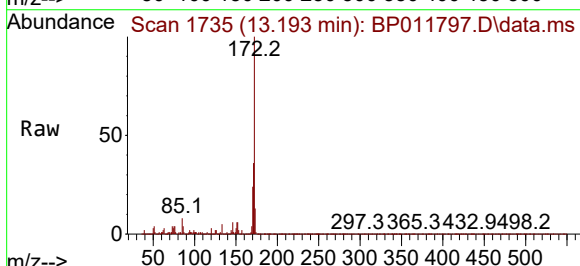
Tgt Ion:172 Resp: 4279449

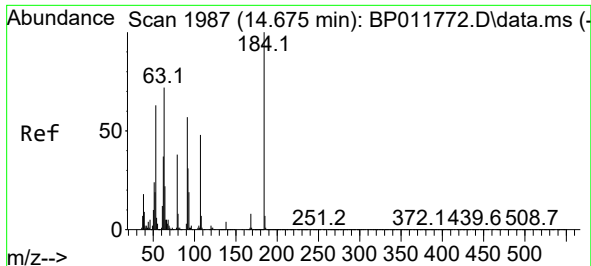
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 24.1 19.5 29.3

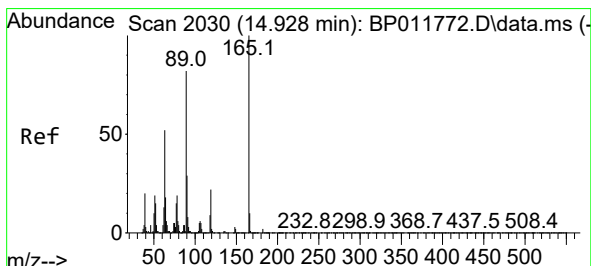
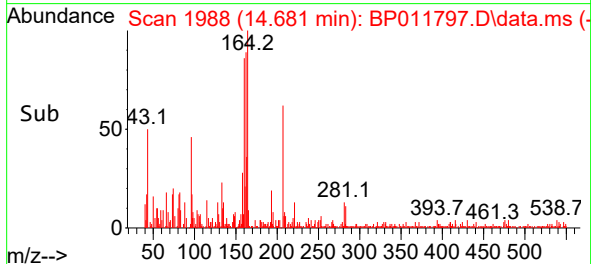
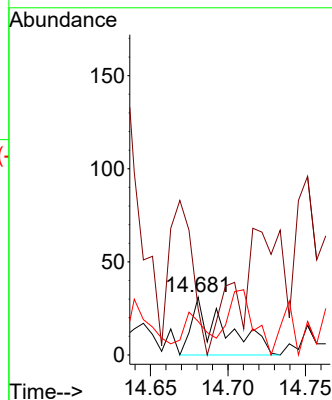
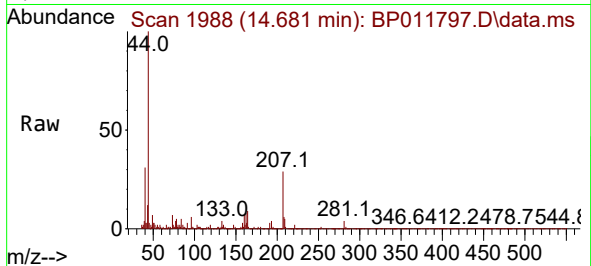




#54
2,4-Dinitrophenol
Concen: 6.734 ng
RT: 14.681 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

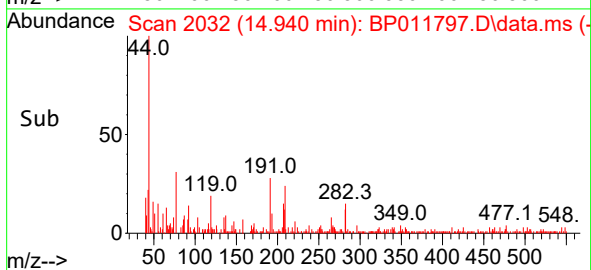
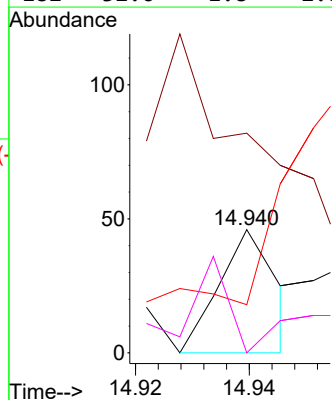
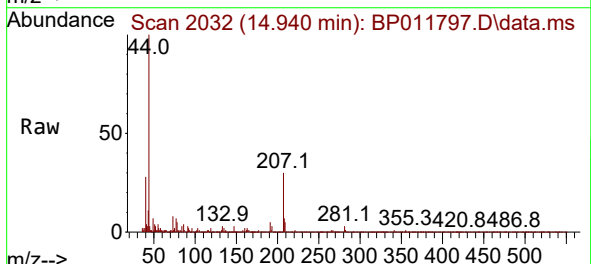
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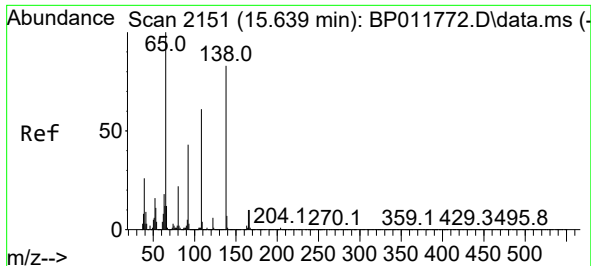
Tgt Ion:184 Resp: 46
Ion Ratio Lower Upper
184 100
63 80.6 65.7 98.5
154 58.1 48.2 72.4



#57
2,4-Dinitrotoluene
Concen: 2.541 ng
RT: 14.940 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

Tgt Ion:165 Resp: 32
Ion Ratio Lower Upper
165 100
63 178.3 41.4 62.2#
89 39.1 66.0 99.0#
182 32.6 1.8 2.8#

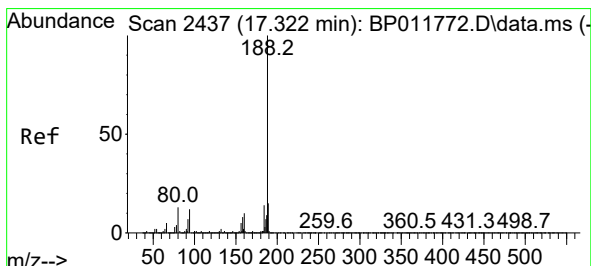
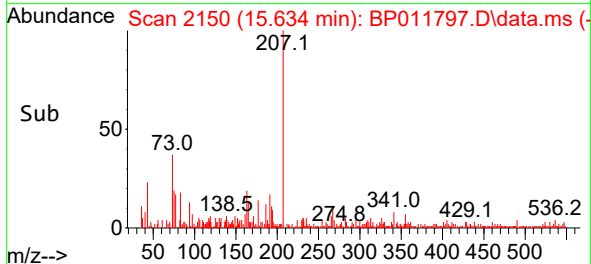
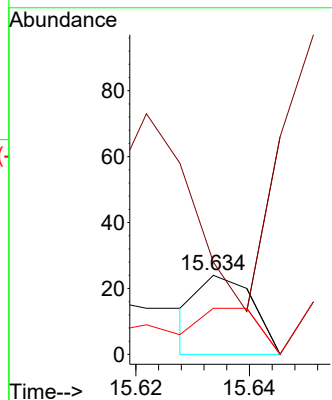
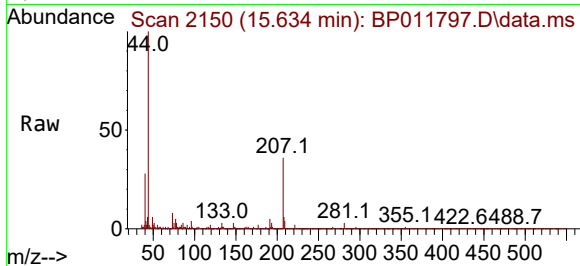




#62
4-Nitroaniline
Concen: 2.387 ng
RT: 15.634 min Scan# 2151
Delta R.T. -0.005 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

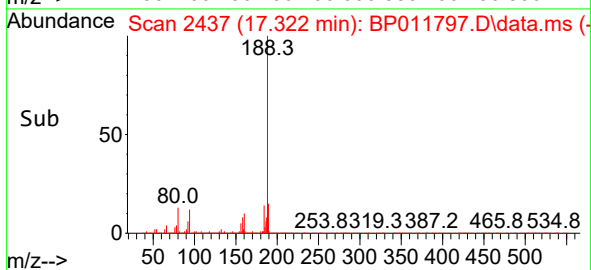
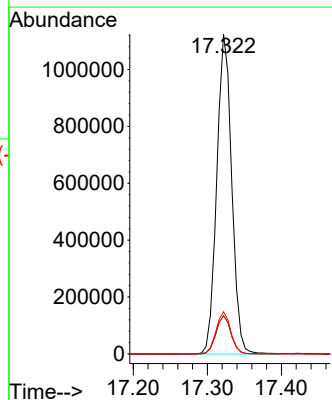
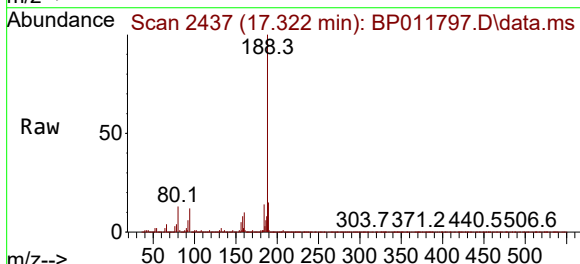
Instrument :
BNA_P
ClientSampleId :
PB147897BL

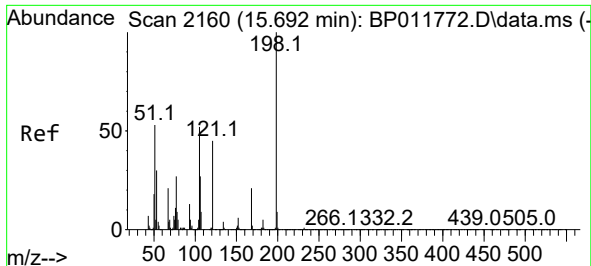
Tgt Ion:138 Resp: 16
Ion Ratio Lower Upper
138 100
92 116.7 31.9 71.9#
108 58.3 53.3 93.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

Tgt Ion:188 Resp: 1574623
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.0
80 13.1 10.6 15.8

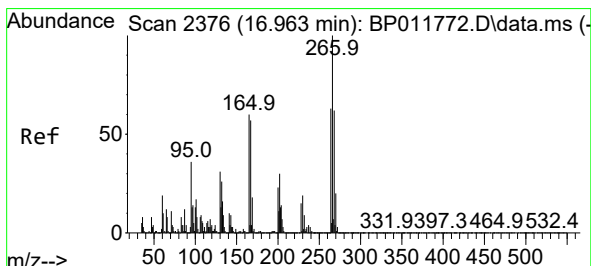
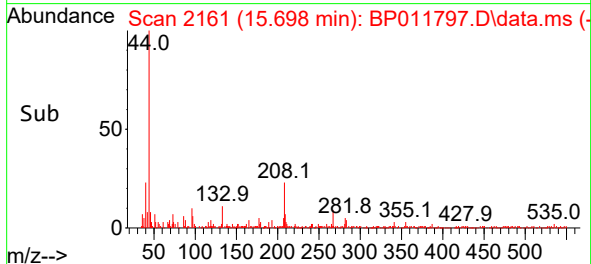
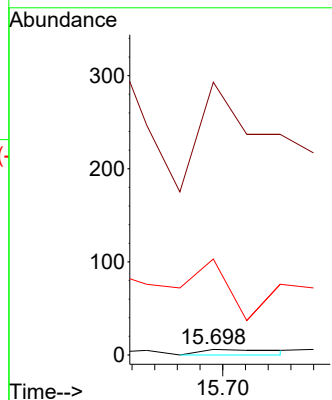
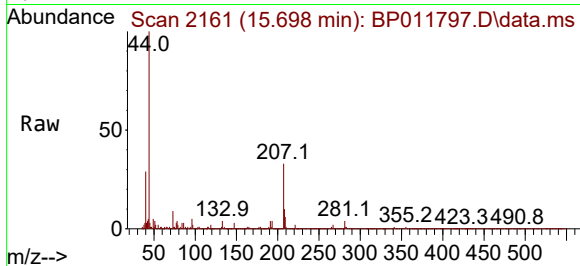




#65
4,6-Dinitro-2-methylphenol
Concen: 5.621 ng
RT: 15.698 min Scan# 2160
Delta R.T. 0.006 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

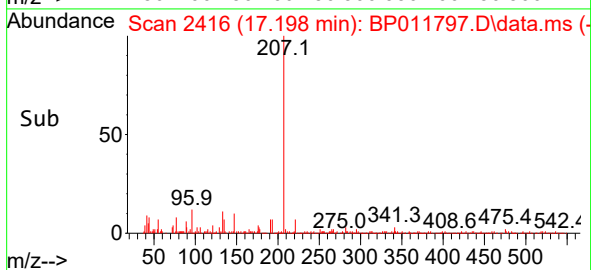
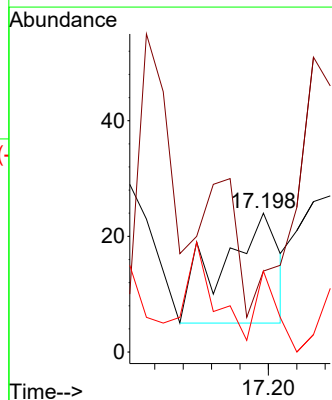
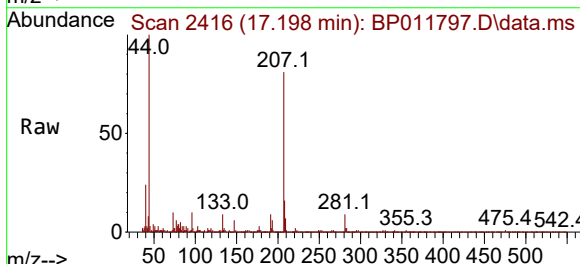
Instrument :
BNA_P
ClientSampleId :
PB147897BL

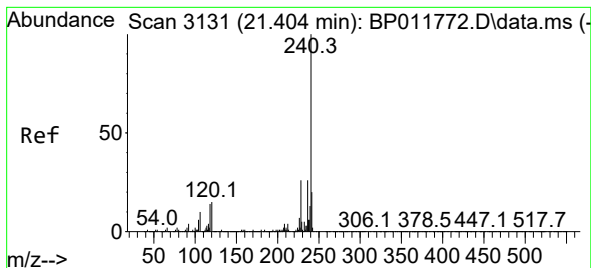
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 4883.3 41.6 81.6#
105 1716.7 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.387 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.235 min
Lab File: BP011797.D
Acq: 26 Sep 2022 15:15

Tgt Ion:266 Resp: 26
Ion Ratio Lower Upper
266 100
268 58.3 49.7 74.5
264 58.3 50.6 75.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP011797.D

Acq: 26 Sep 2022 15:15

Instrument :

BNA_P

ClientSampleId :

PB147897BL

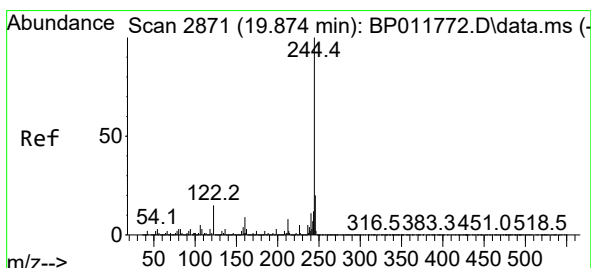
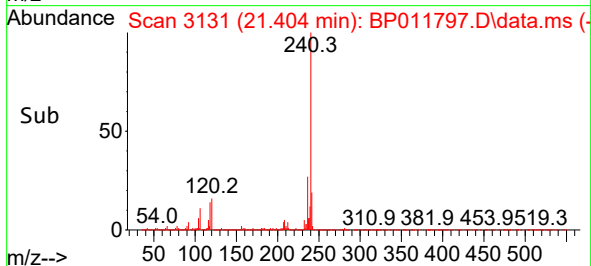
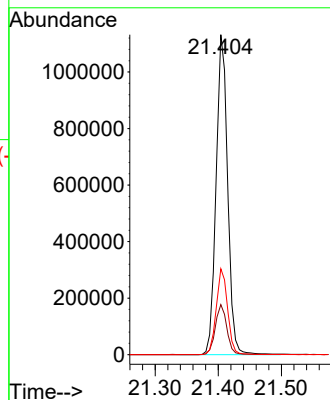
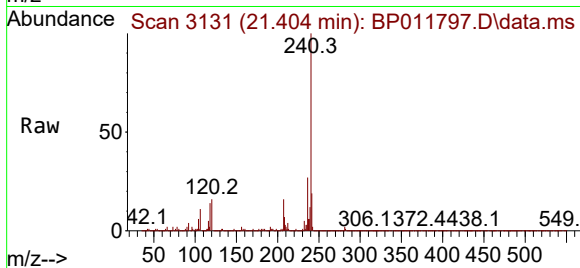
Tgt Ion:240 Resp: 1437000

Ion Ratio Lower Upper

240 100

120 15.6 12.0 18.0

236 26.8 21.1 31.7



#79

Terphenyl-d14

Concen: 103.698 ng

RT: 19.880 min Scan# 2872

Delta R.T. 0.006 min

Lab File: BP011797.D

Acq: 26 Sep 2022 15:15

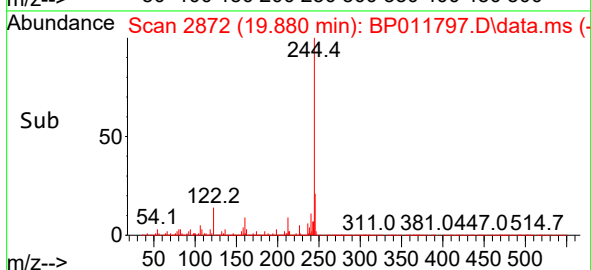
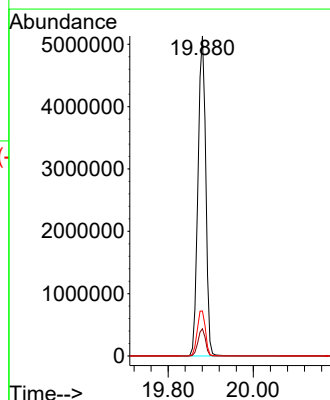
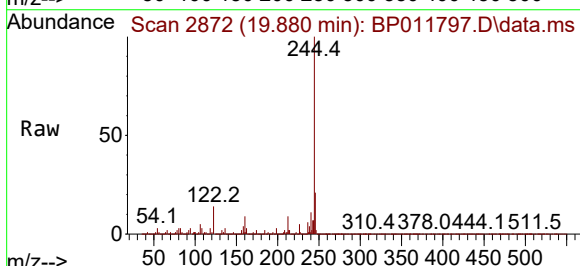
Tgt Ion:244 Resp: 6480736

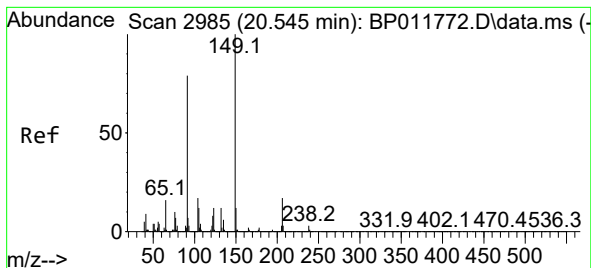
Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 14.1 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.697 ng

RT: 20.551 min Scan# 2985

Delta R.T. 0.006 min

Lab File: BP011797.D

Acq: 26 Sep 2022 15:15

Instrument :

BNA_P

ClientSampleId :

PB147897BL

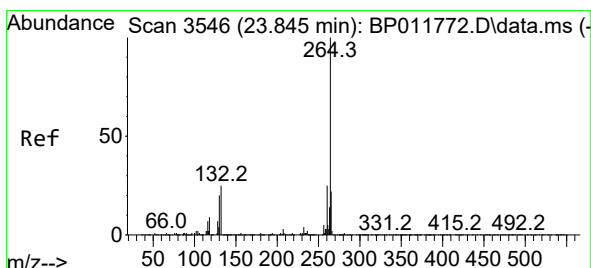
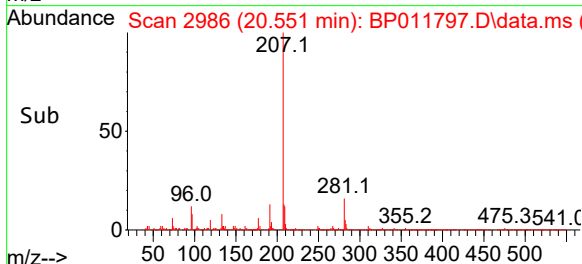
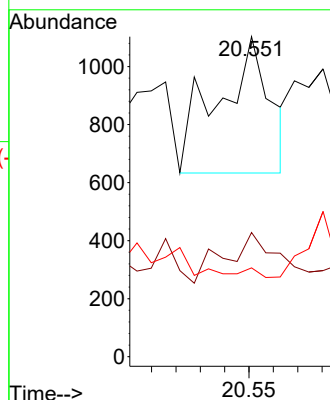
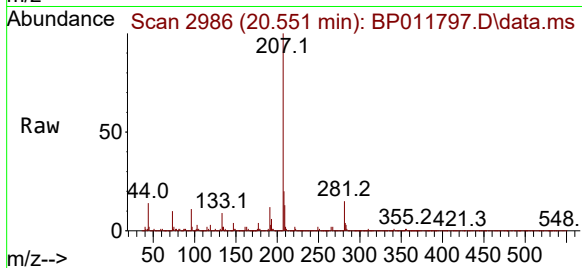
Tgt Ion:149 Resp: 699

Ion Ratio Lower Upper

149 100

91 38.8 63.1 94.7#

206 27.7 13.6 20.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.857 min Scan# 3548

Delta R.T. 0.012 min

Lab File: BP011797.D

Acq: 26 Sep 2022 15:15

Tgt Ion:264 Resp: 1428349

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 22.3 17.8 26.8

