

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011818.D
 Acq On : 27 Sep 2022 16:35
 Operator : CG/JU
 Sample : N4841-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 252672-5

Quant Time: Sep 28 02:08:31 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)

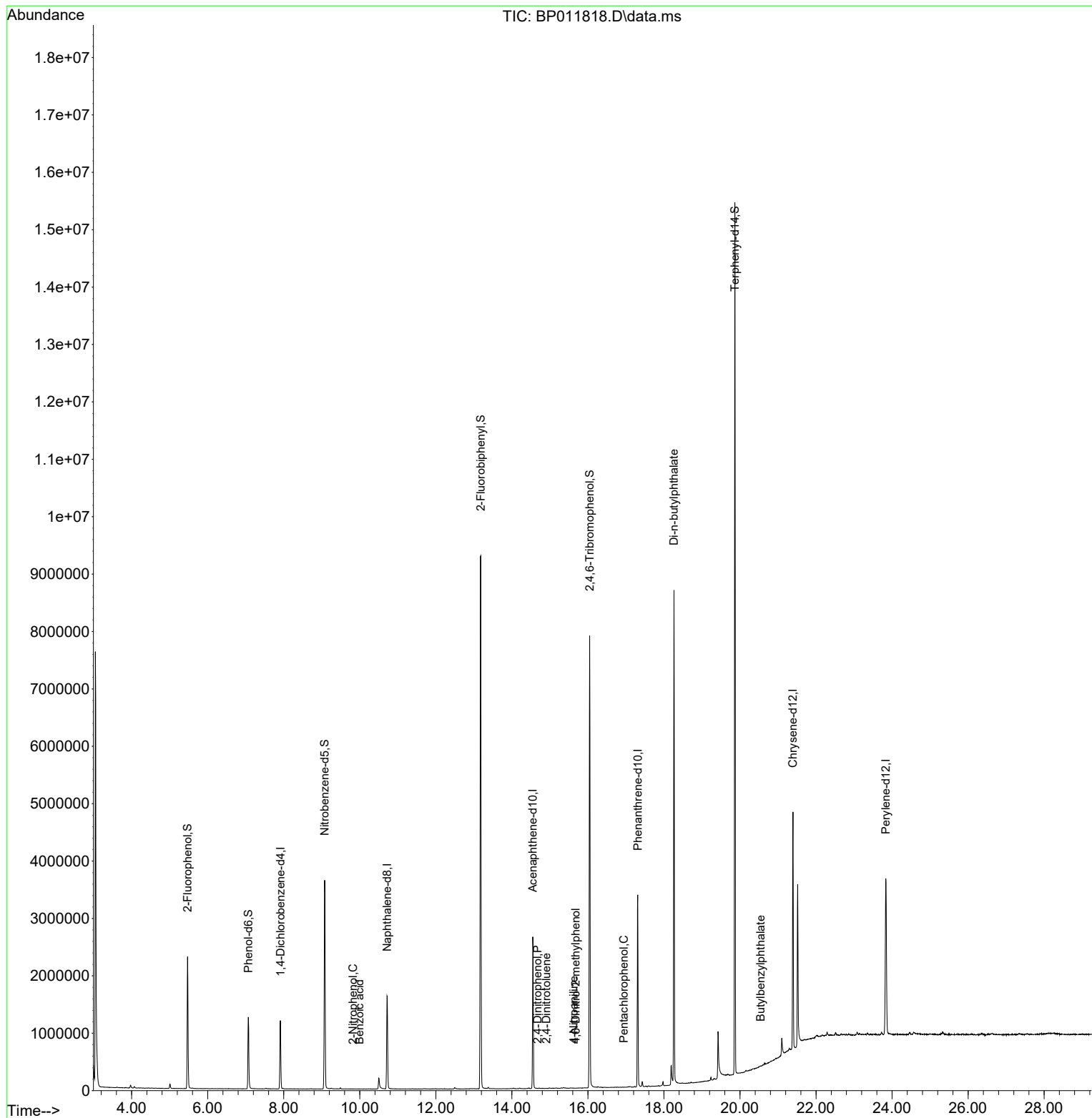
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	330114	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1422594	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	886864	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1925942	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1865270	20.000	ng	0.00
86) Perylene-d12	23.833	264	1952907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	1067801	56.755	ng	0.00
7) Phenol-d6	7.069	99	783593	28.168	ng	0.00
23) Nitrobenzene-d5	9.075	82	2118954	77.961	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1178605	197.366	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	4884576	87.098	ng	0.00
79) Terphenyl-d14	19.863	244	6795449	83.768	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.822	139	50	3.335	ng	# 1
32) Benzoic acid	9.993	122	66	6.762	ng	# 1
54) 2,4-Dinitrophenol	14.675	184	19	6.729	ng	# 1
57) 2,4-Dinitrotoluene	14.904	165	201	2.549	ng	# 48
62) 4-Nitroaniline	15.628	138	138	2.393	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.675	198	20	5.622	ng	# 1
70) Pentachlorophenol	16.939	266	74	4.390	ng	# 61
74) Di-n-butylphthalate	18.263	149	5834072	47.600	ng	99
80) Butylbenzylphthalate	20.539	149	1102	2.700	ng	# 80

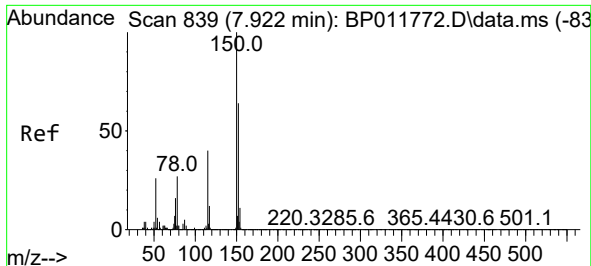
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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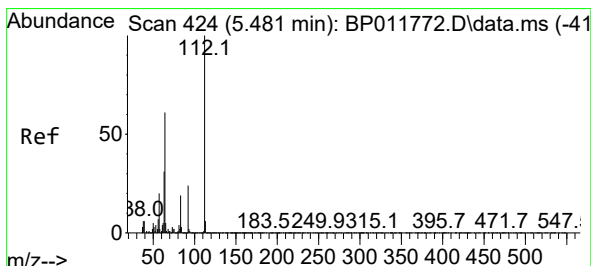
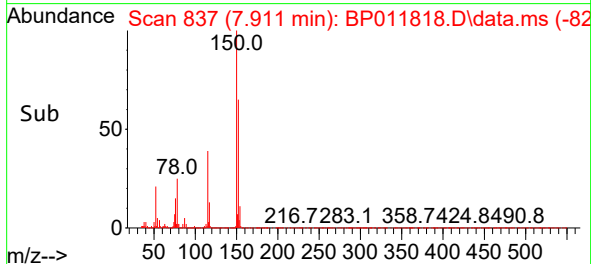
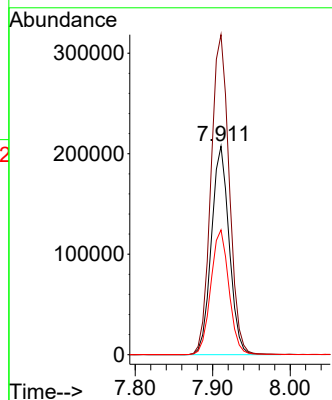
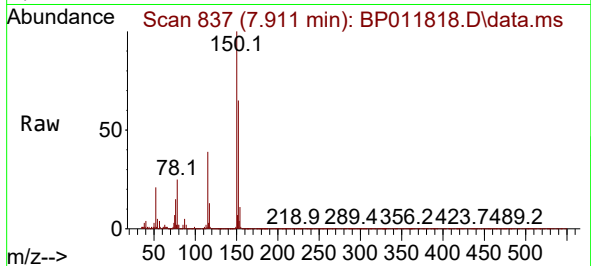




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

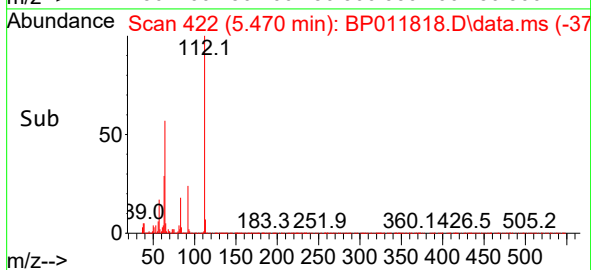
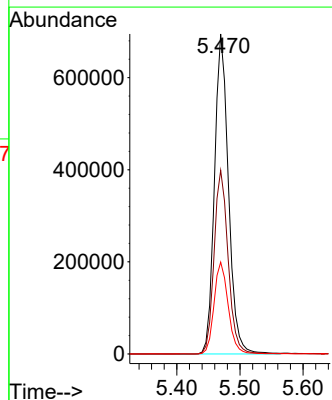
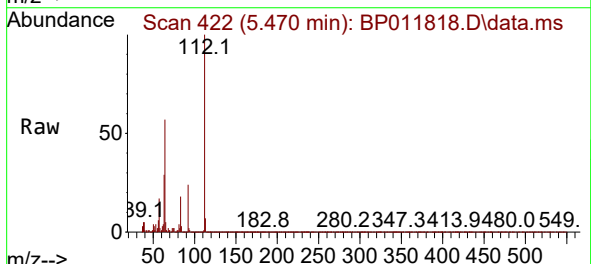
Instrument :
BNA_P
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252672-5

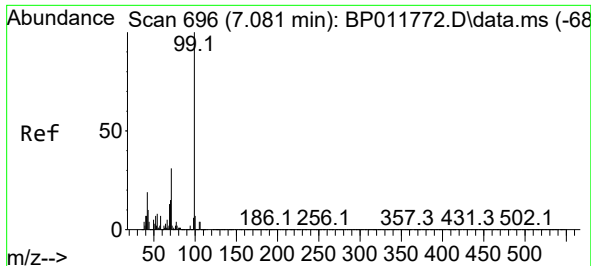
Tgt Ion:152 Resp: 330114
Ion Ratio Lower Upper
152 100
150 153.4 124.2 186.4
115 59.9 50.0 75.0



#5
2-Fluorophenol
Concen: 56.755 ng
RT: 5.470 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

Tgt Ion:112 Resp: 1067801
Ion Ratio Lower Upper
112 100
64 57.4 49.2 73.8
63 28.7 25.2 37.8

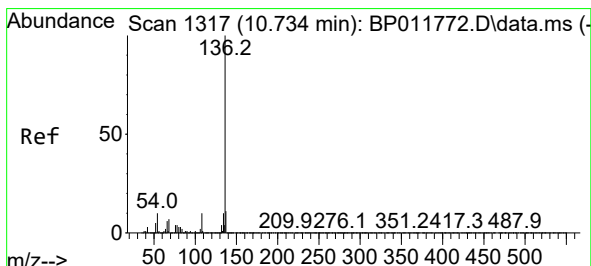
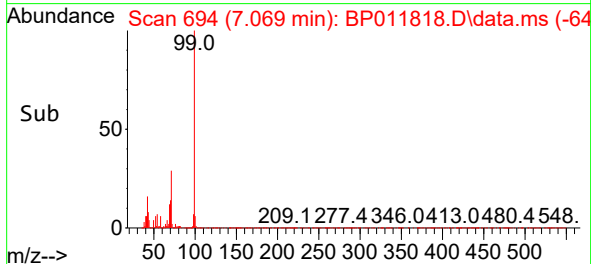
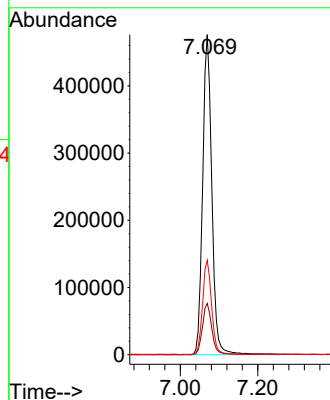
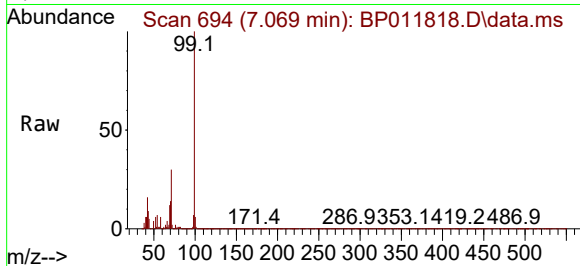




#7
Phenol-d6
Concen: 28.168 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

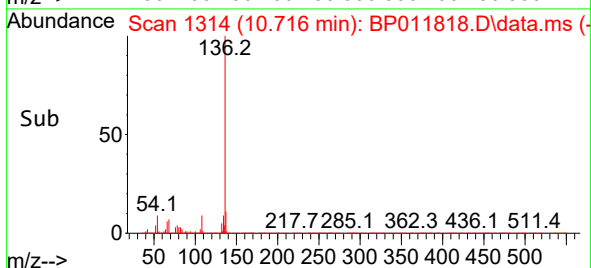
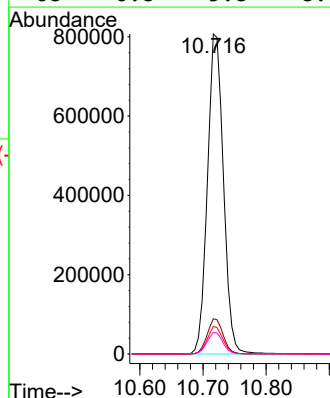
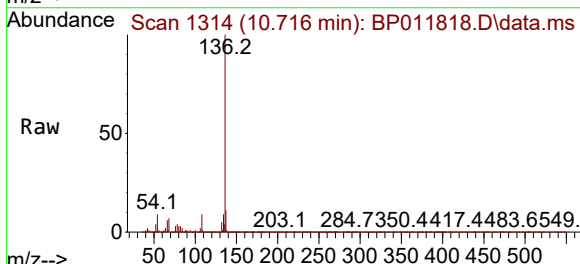
Instrument :
BNA_P
ClientSampleId :
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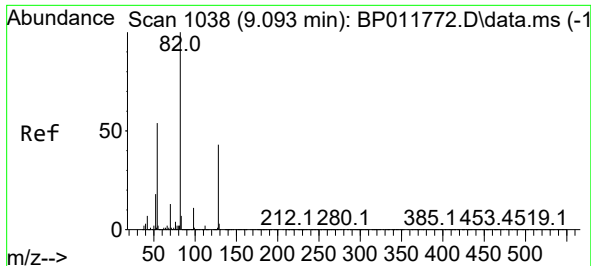
Tgt Ion: 99 Resp: 783593
Ion Ratio Lower Upper
99 100
42 16.0 15.4 23.2
71 29.5 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

Tgt Ion: 136 Resp: 1422594
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.6 8.2 12.4
68 6.8 5.8 8.8

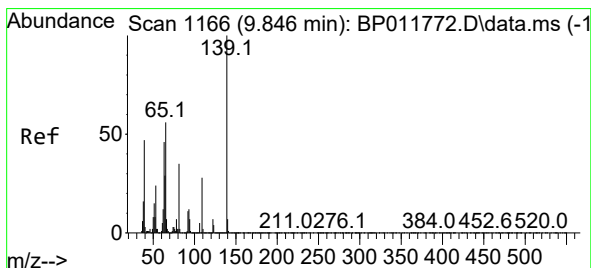
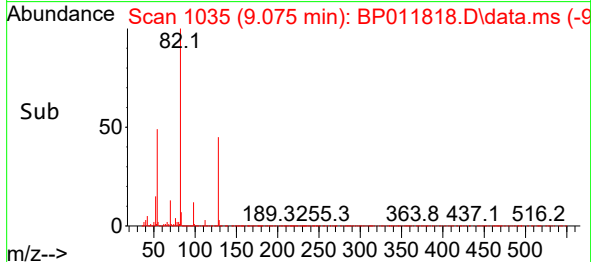
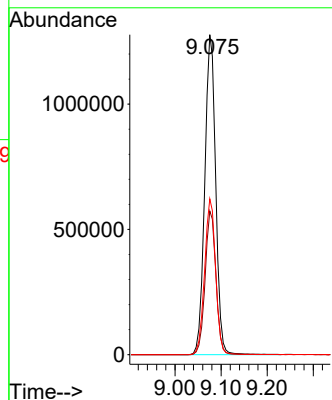
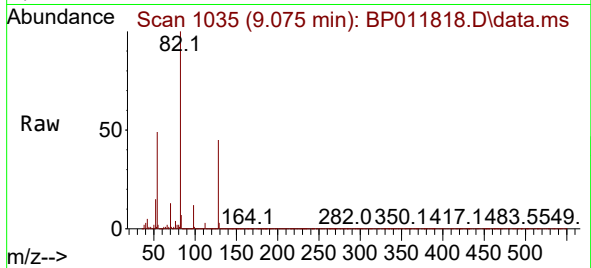




#23
Nitrobenzene-d5
Concen: 77.961 ng
RT: 9.075 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

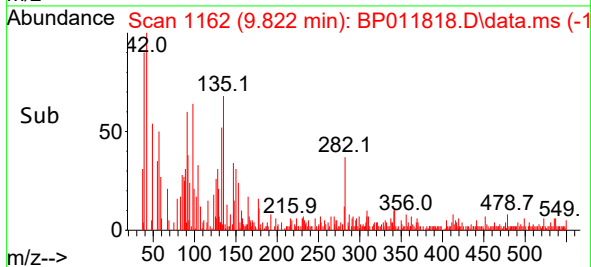
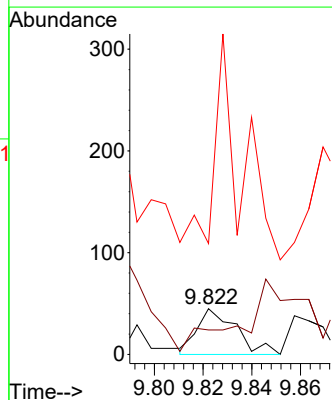
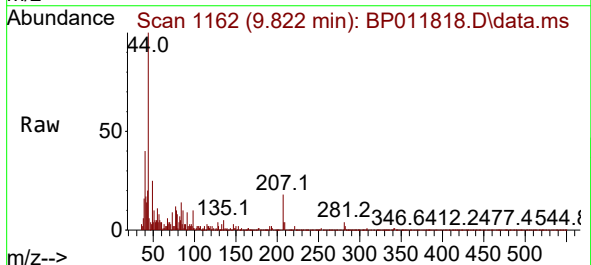
Instrument :
BNA_P
ClientSampleId :
252672-5

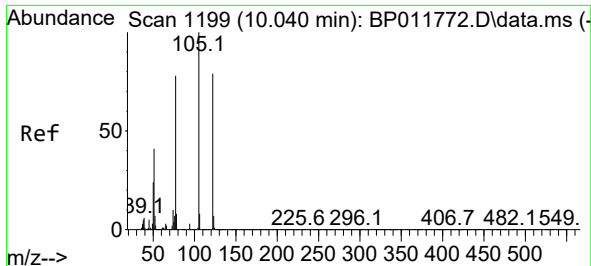
Tgt Ion: 82 Resp: 2118954
Ion Ratio Lower Upper
82 100
128 44.9 34.2 51.4
54 48.7 43.1 64.7



#26
2-Nitrophenol
Concen: 3.335 ng
RT: 9.822 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

Tgt Ion:139 Resp: 50
Ion Ratio Lower Upper
139 100
109 53.3 22.6 34.0#
65 242.2 44.7 67.1#

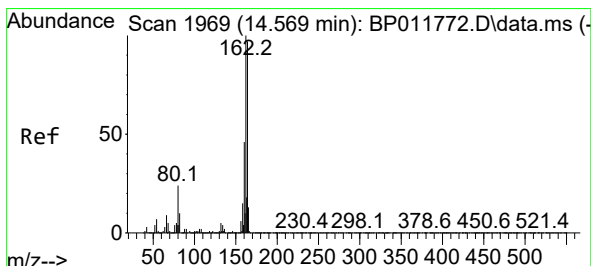
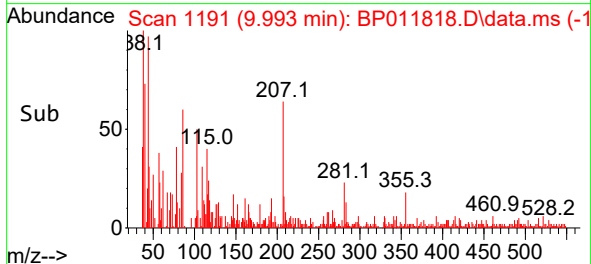
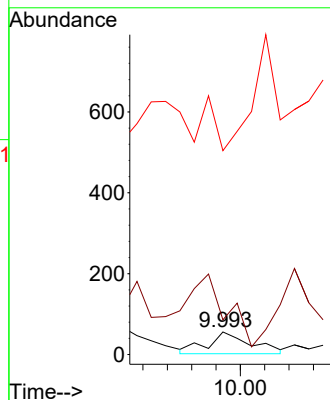
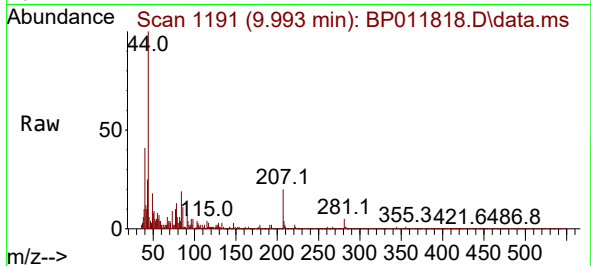




#32
Benzoic acid
Concen: 6.762 ng
RT: 9.993 min Scan# 1199
Delta R.T. -0.023 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

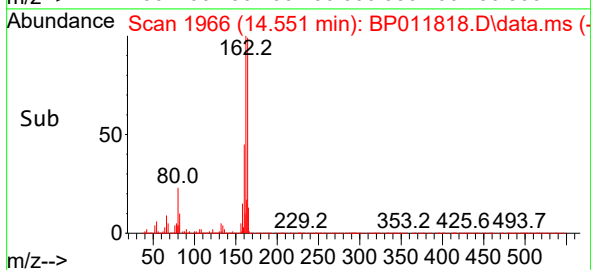
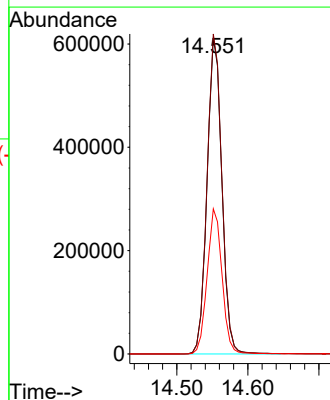
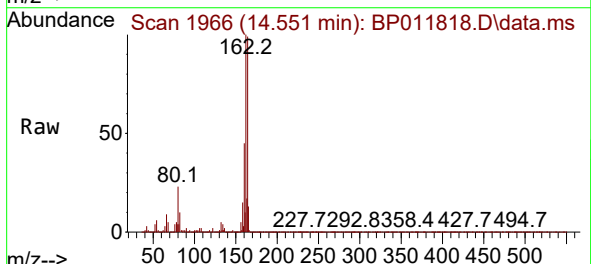
Instrument :
BNA_P
ClientSampleId :
252672-5

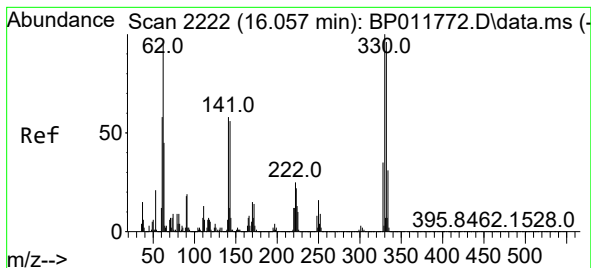
Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 153.6 101.0 141.0#
77 900.0 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

Tgt Ion:164 Resp: 886864
Ion Ratio Lower Upper
164 100
162 101.2 82.5 123.7
160 45.9 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 197.366 ng

RT: 16.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011818.D

Acq: 27 Sep 2022 16:35

Instrument :

BNA_P

ClientSampleId :

252672-5

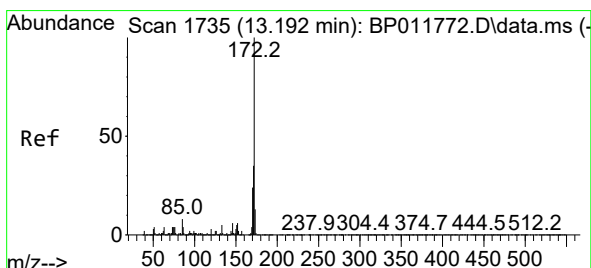
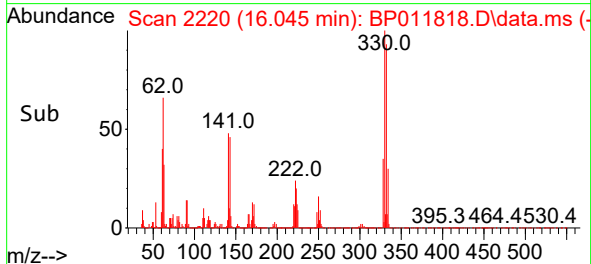
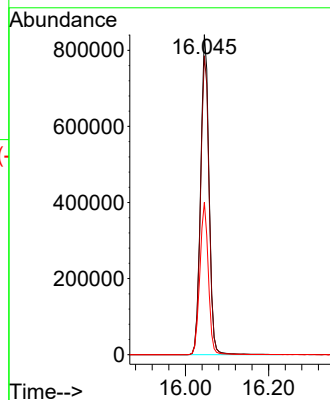
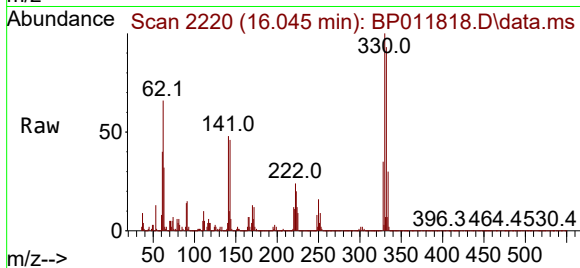
Tgt Ion:330 Resp: 1178605

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

141 48.0 48.7 73.1#



#45

2-Fluorobiphenyl

Concen: 87.098 ng

RT: 13.181 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BP011818.D

Acq: 27 Sep 2022 16:35

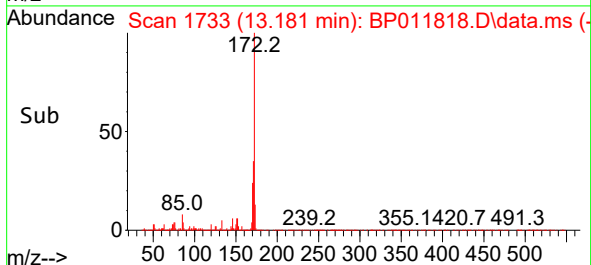
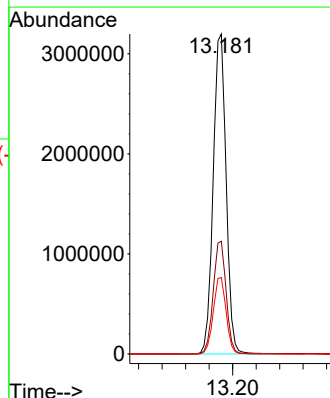
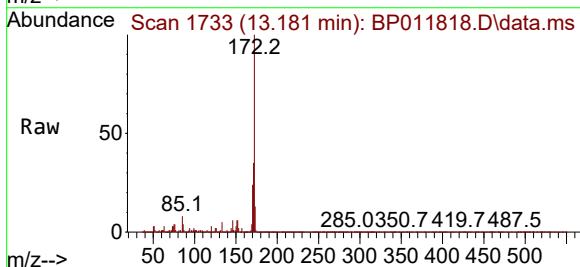
Tgt Ion:172 Resp: 4884576

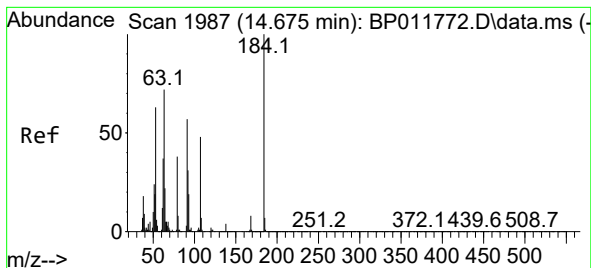
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.9 19.5 29.3

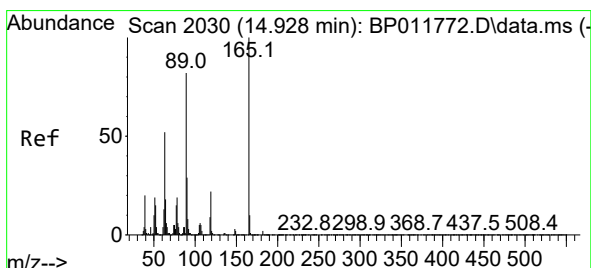
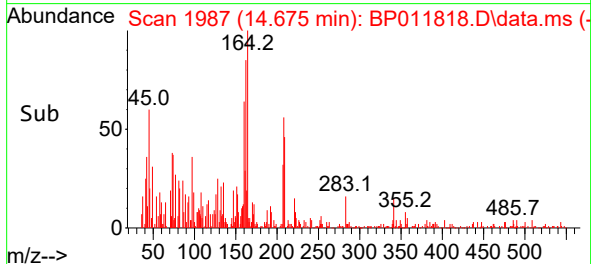
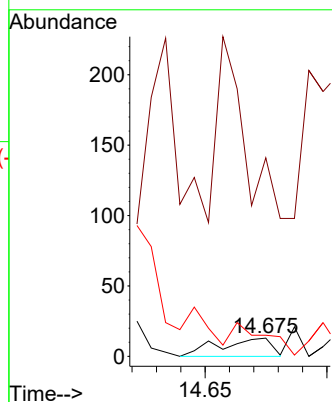
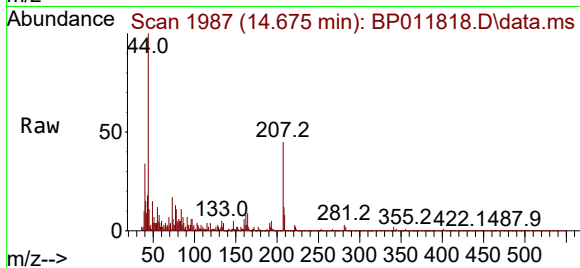




#54
2,4-Dinitrophenol
Concen: 6.729 ng
RT: 14.675 min Scan# 19
Delta R.T. 0.012 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

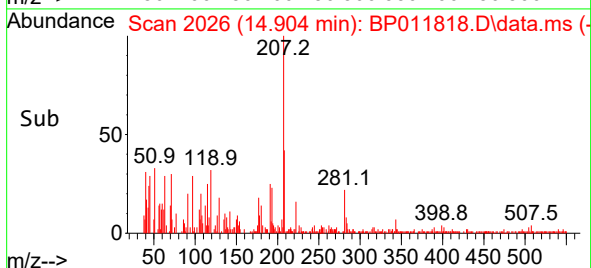
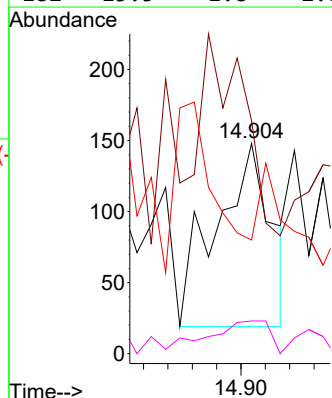
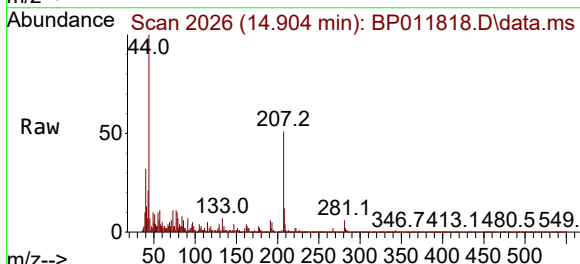
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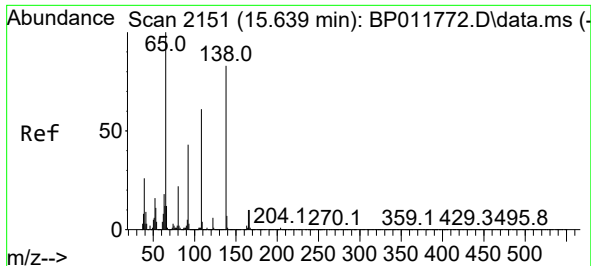
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 1084.6 65.7 98.5#
154 115.4 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 2.549 ng
RT: 14.904 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

Tgt Ion:165 Resp: 201
Ion Ratio Lower Upper
165 100
63 110.8 41.4 62.2#
89 54.1 66.0 99.0#
182 15.5 1.8 2.8#

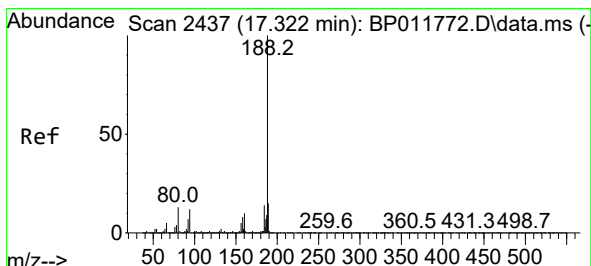
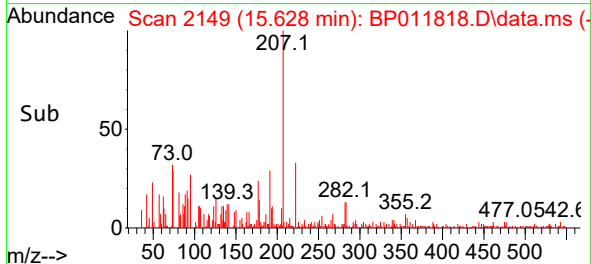
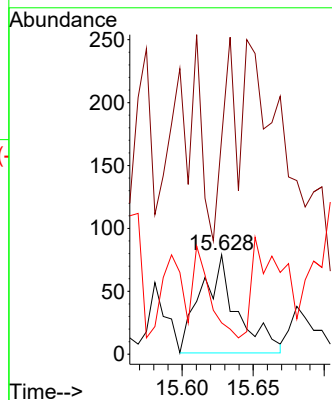
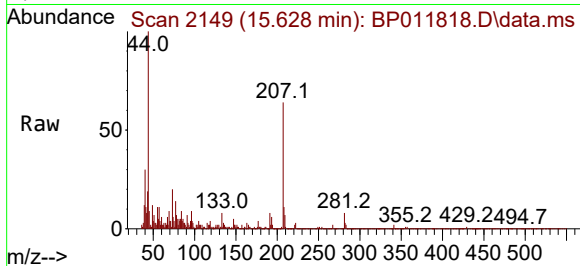




#62
4-Nitroaniline
Concen: 2.393 ng
RT: 15.628 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

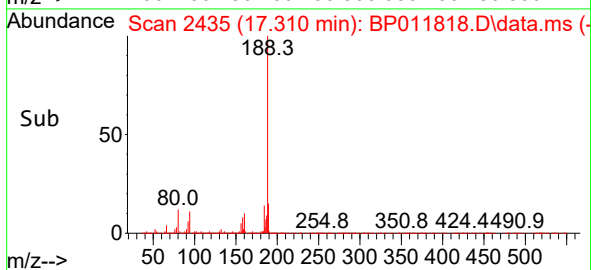
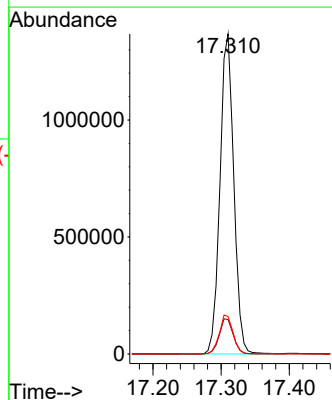
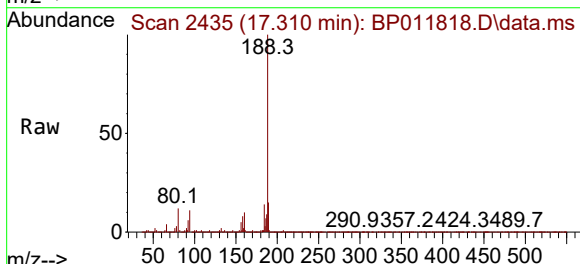
Instrument :
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252672-5

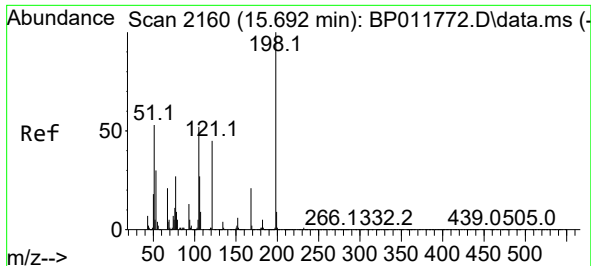
Tgt Ion:138 Resp: 138
Ion Ratio Lower Upper
138 100
92 217.7 31.9 71.9#
108 31.6 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

Tgt Ion:188 Resp: 1925942
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.0
80 11.7 10.6 15.8

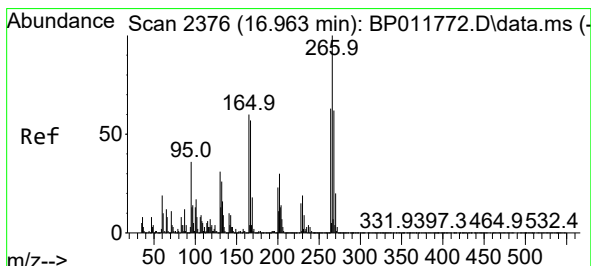
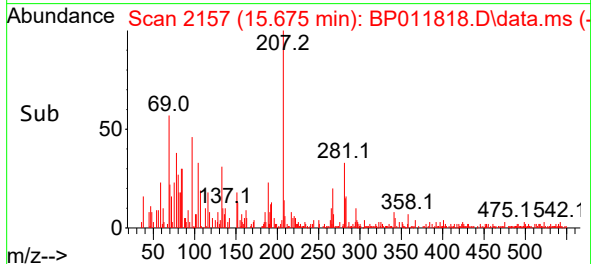
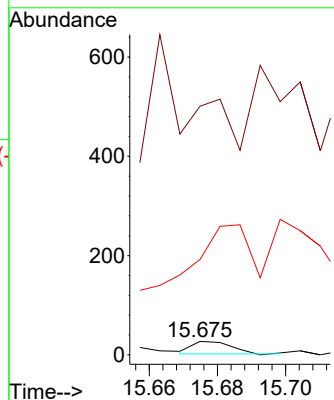
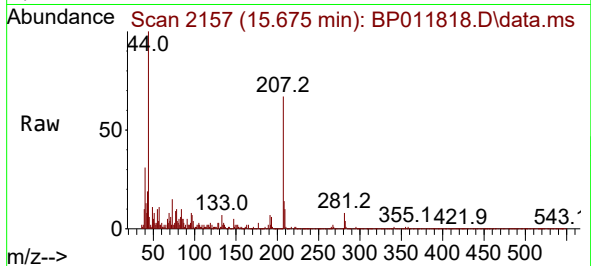




#65
4,6-Dinitro-2-methylphenol
Concen: 5.622 ng
RT: 15.675 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

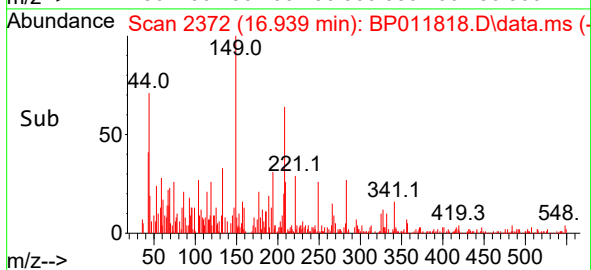
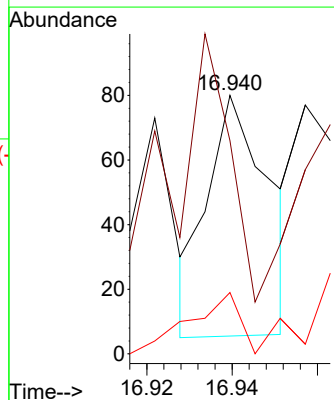
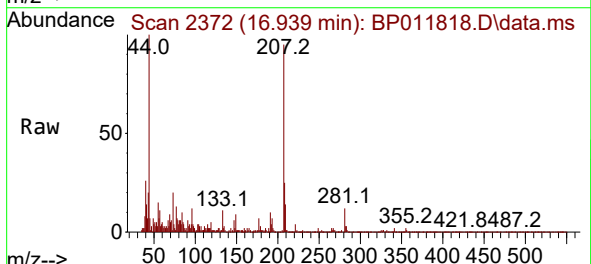
Instrument :
BNA_P
ClientSampleId :
252672-5

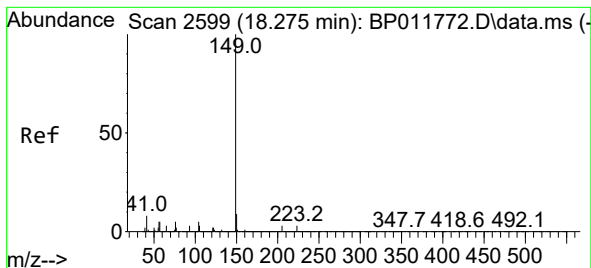
Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 1855.6 41.6 81.6#
105 711.1 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.390 ng
RT: 16.939 min Scan# 2372
Delta R.T. -0.018 min
Lab File: BP011818.D
Acq: 27 Sep 2022 16:35

Tgt Ion:266 Resp: 74
Ion Ratio Lower Upper
266 100
268 82.5 49.7 74.5#
264 23.8 50.6 75.8#





#74

Di-n-butylphthalate

Concen: 47.600 ng

RT: 18.263 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011818.D

Acq: 27 Sep 2022 16:35

Instrument :

BNA_P

ClientSampleId :

252672-5

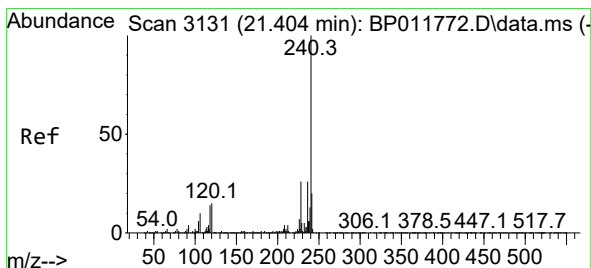
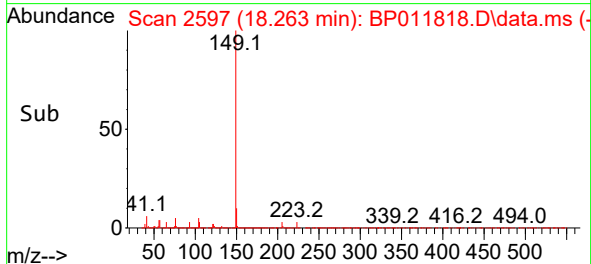
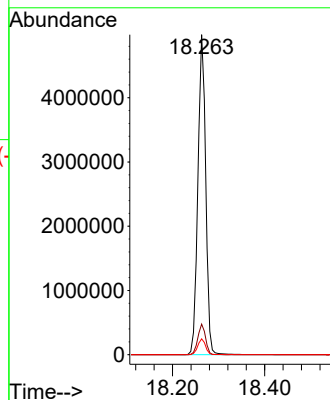
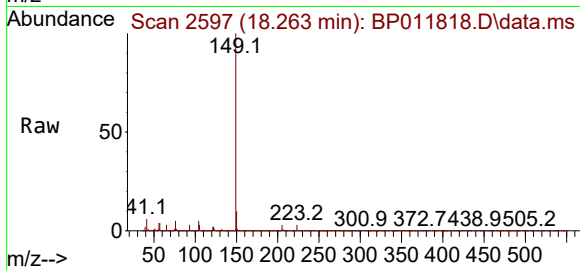
Tgt Ion:149 Resp: 5834072

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.0 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP011818.D

Acq: 27 Sep 2022 16:35

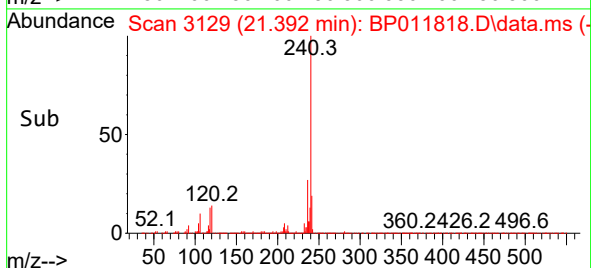
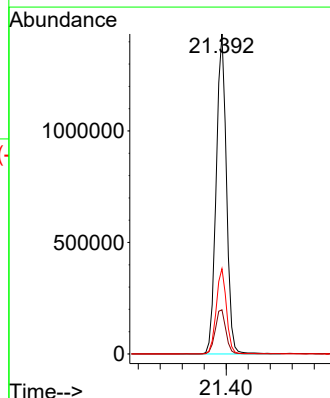
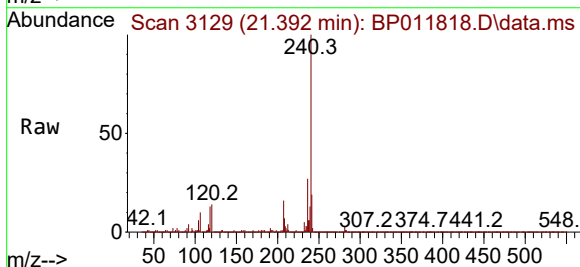
Tgt Ion:240 Resp: 1865270

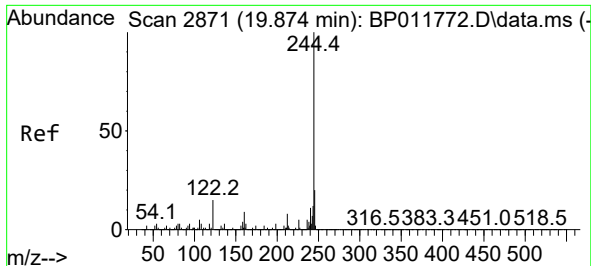
Ion Ratio Lower Upper

240 100

120 13.8 12.0 18.0

236 26.7 21.1 31.7

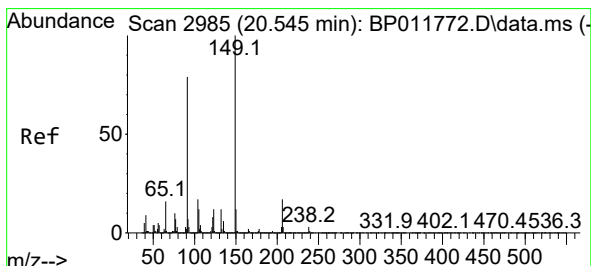
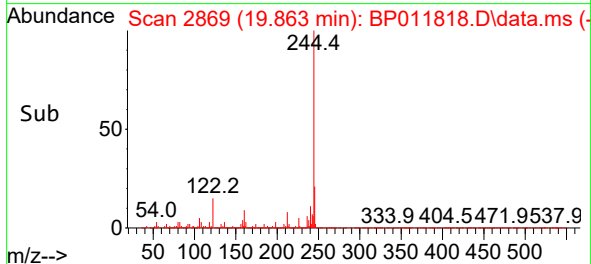
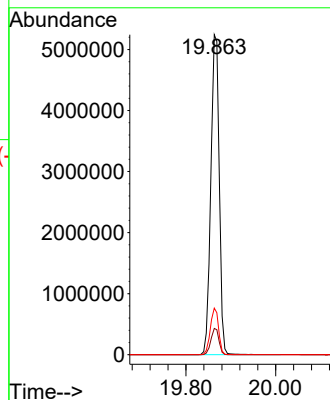
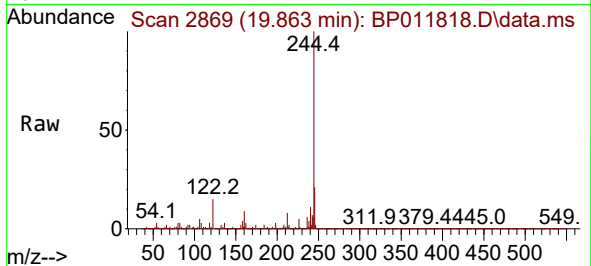




#79
 Terphenyl-d14
 Concen: 83.768 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP011818.D
 Acq: 27 Sep 2022 16:35

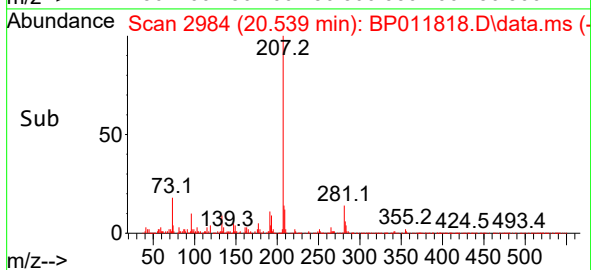
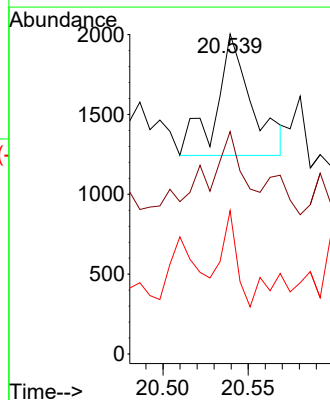
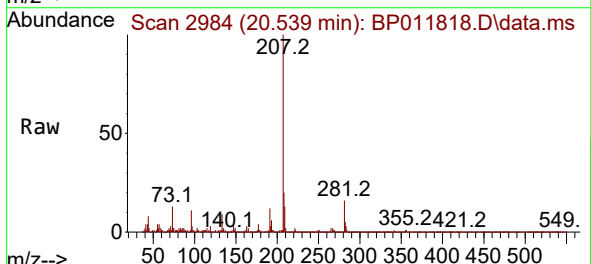
Instrument :
 BNA_P
 ClientSampleId :
 252672-5

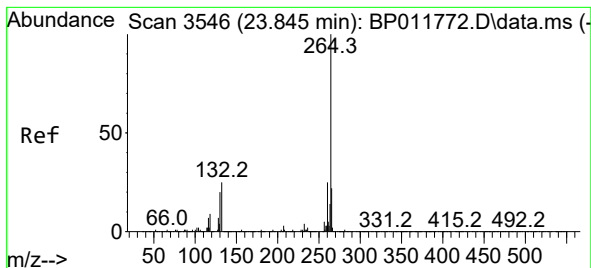
Tgt Ion:244 Resp: 6795449
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 14.6 11.8 17.8



#80
 Butylbenzylphthalate
 Concen: 2.700 ng
 RT: 20.539 min Scan# 2984
 Delta R.T. 0.000 min
 Lab File: BP011818.D
 Acq: 27 Sep 2022 16:35

Tgt Ion:149 Resp: 1102
 Ion Ratio Lower Upper
 149 100
 91 69.5 63.1 94.7
 206 44.8 13.6 20.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP011818.D

Acq: 27 Sep 2022 16:35

Instrument :

BNA_P

ClientSampleId :

252672-5

Tgt Ion:264 Resp: 1952907

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 21.8 17.8 26.8

