

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092622\
 Data File : BP011805.D
 Acq On : 26 Sep 2022 19:57
 Operator : CG/JU
 Sample : N4809-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP2-0923

Quant Time: Sep 27 03:23:13 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)

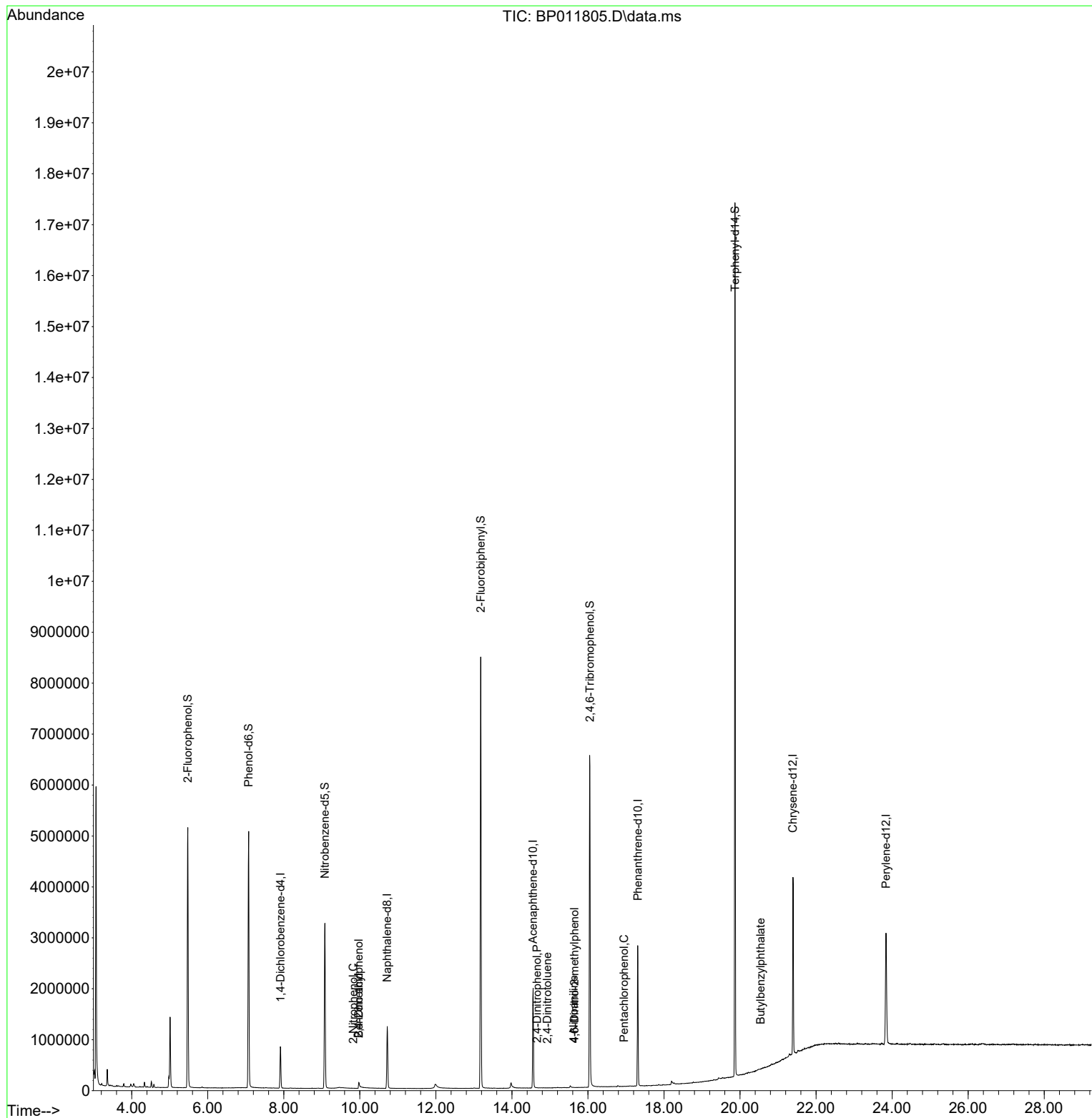
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	231451	20.000	ng	-0.01
21) Naphthalene-d8	10.722	136	1042529	20.000	ng	-0.01
39) Acenaphthene-d10	14.557	164	672949	20.000	ng	-0.01
64) Phenanthrene-d10	17.310	188	1558247	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	1557978	20.000	ng	-0.01
86) Perylene-d12	23.839	264	1516077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2389169	181.120	ng	0.00
7) Phenol-d6	7.075	99	3059548	156.864	ng	0.00
23) Nitrobenzene-d5	9.081	82	1891322	94.955	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	1008073	222.470	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	4272532	100.402	ng	-0.01
79) Terphenyl-d14	19.869	244	7405796	109.298	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.828	139	11	3.333	ng	# 1
27) 2,4-Dimethylphenol	9.975	122	75138	5.693	ng	# 4
32) Benzoic acid	9.975	122	75138	12.471	ng	97
54) 2,4-Dinitrophenol	14.663	184	22	6.730	ng	# 1
57) 2,4-Dinitrotoluene	14.934	165	108	2.546	ng	# 56
62) 4-Nitroaniline	15.628	138	10	2.386	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.645	198	16	5.622	ng	# 1
70) Pentachlorophenol	16.951	266	145	4.398	ng	# 29
80) Butylbenzylphthalate	20.539	149	1168	2.705	ng	# 71

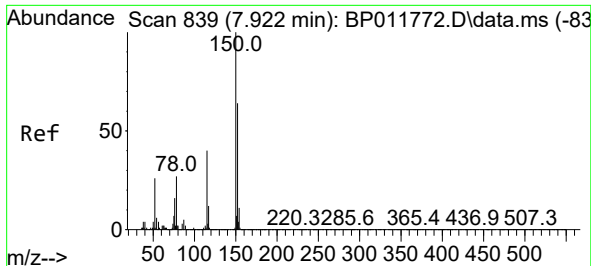
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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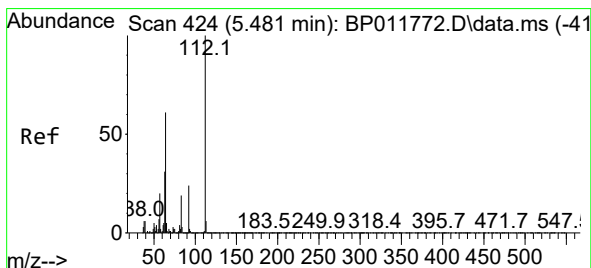
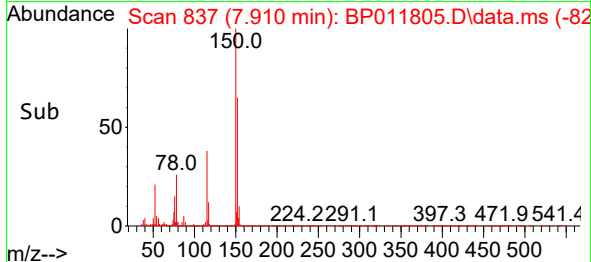
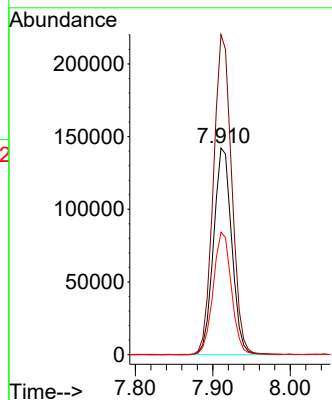
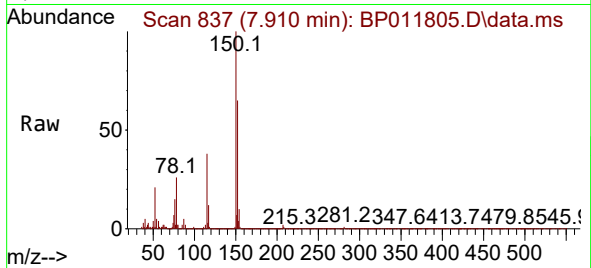




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP011805.D
Acq: 26 Sep 2022 19:57

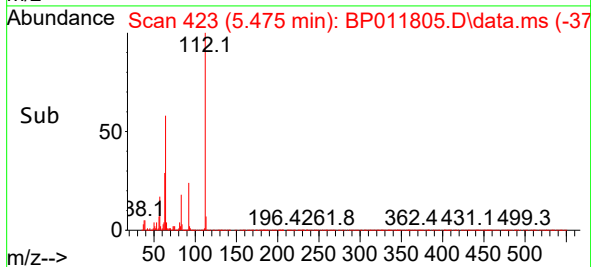
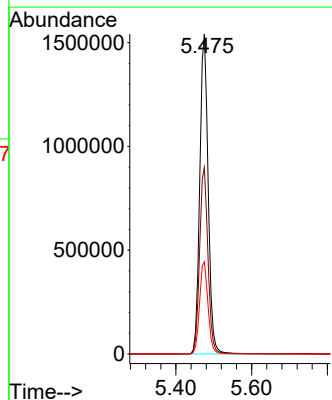
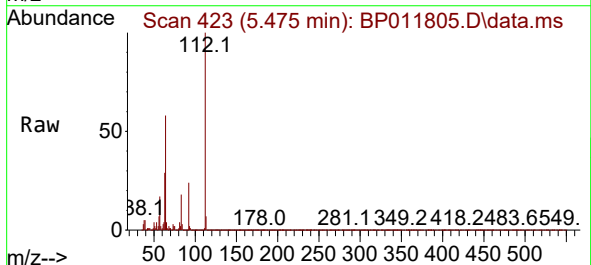
Instrument :
BNA_P
ClientSampleId :
TP2-0923

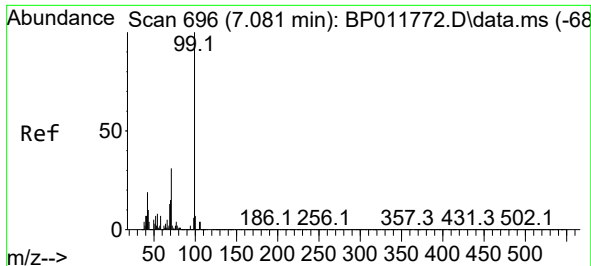
Tgt Ion:152 Resp: 231451
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.4
115 59.3 50.0 75.0



#5
2-Fluorophenol
Concen: 181.120 ng
RT: 5.475 min Scan# 423
Delta R.T. -0.006 min
Lab File: BP011805.D
Acq: 26 Sep 2022 19:57

Tgt Ion:112 Resp: 2389169
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 28.8 25.2 37.8

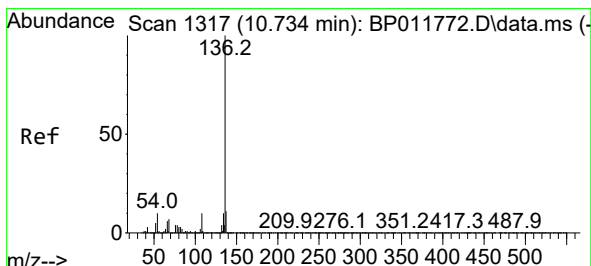
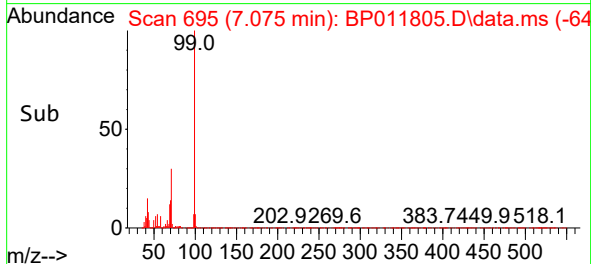
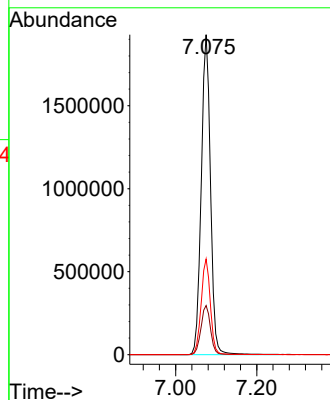
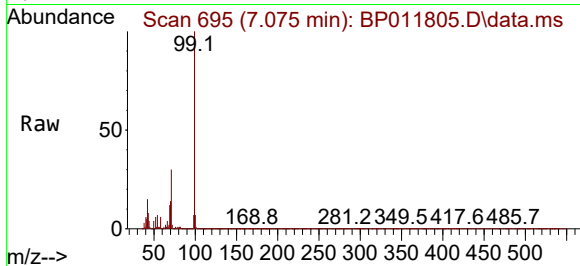




#7
Phenol-d6
Concen: 156.864 ng
RT: 7.075 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP011805.D
Acq: 26 Sep 2022 19:57

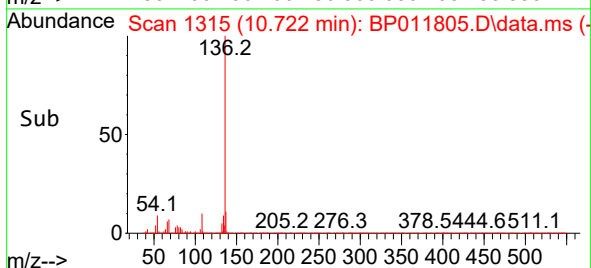
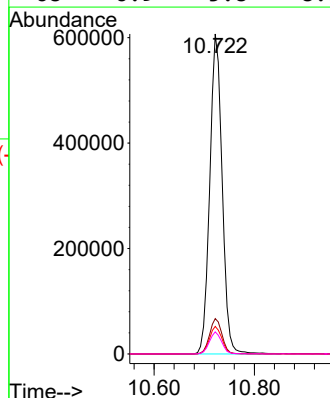
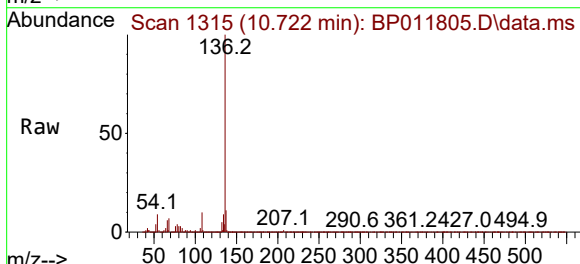
Instrument :
BNA_P
ClientSampleId :
TP2-0923

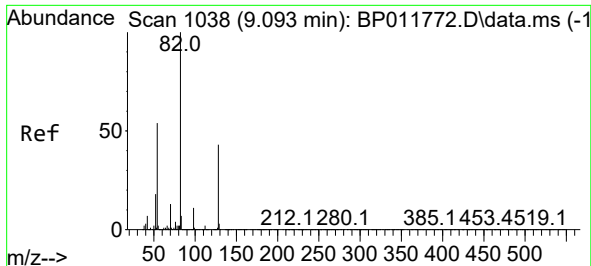
Tgt Ion: 99 Resp: 3059548
Ion Ratio Lower Upper
99 100
42 15.4 15.4 23.2#
71 29.9 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BP011805.D
Acq: 26 Sep 2022 19:57

Tgt Ion: 136 Resp: 1042529
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.6 8.2 12.4
68 6.9 5.8 8.8

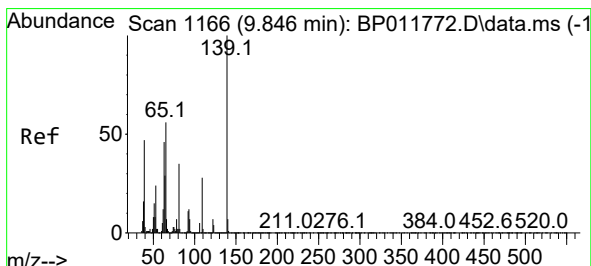
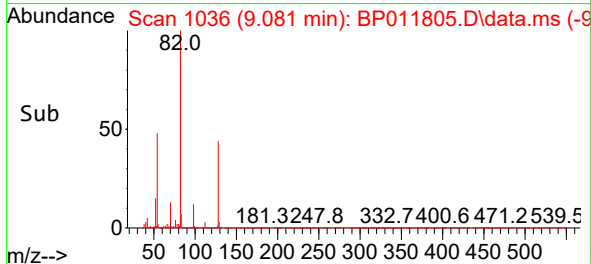
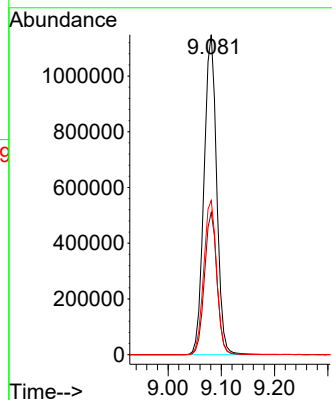
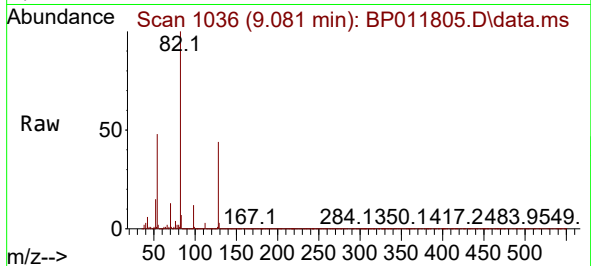




#23
Nitrobenzene-d5
Concen: 94.955 ng
RT: 9.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP011805.D
Acq: 26 Sep 2022 19:57

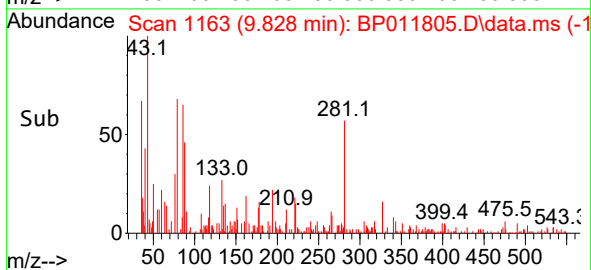
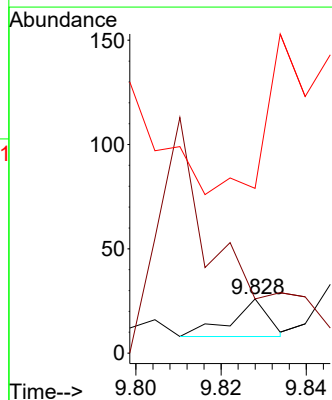
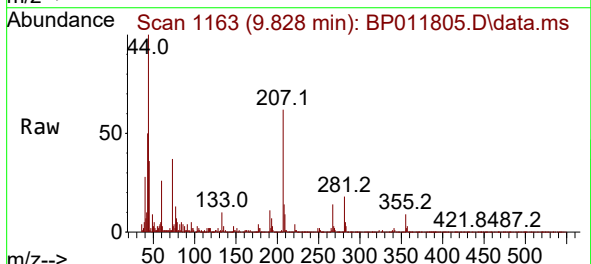
Instrument :
BNA_P
ClientSampleId :
TP2-0923

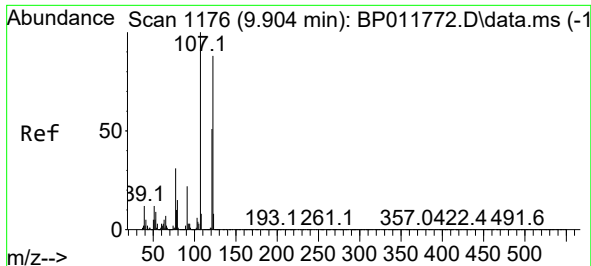
Tgt Ion: 82 Resp: 1891322
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.4
54 48.2 43.1 64.7



#26
2-Nitrophenol
Concen: 3.333 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.018 min
Lab File: BP011805.D
Acq: 26 Sep 2022 19:57

Tgt Ion:139 Resp: 11
Ion Ratio Lower Upper
139 100
109 100.0 22.6 34.0#
65 303.8 44.7 67.1#





#27

2,4-Dimethylphenol

Concen: 5.693 ng

RT: 9.975 min Scan# 1188

Delta R.T. 0.071 min

Lab File: BP011805.D

Acq: 26 Sep 2022 19:57

Instrument :

BNA_P

ClientSampleId :

TP2-0923

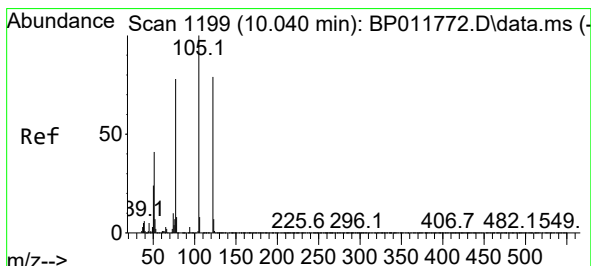
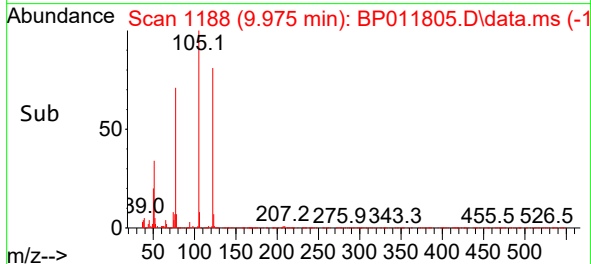
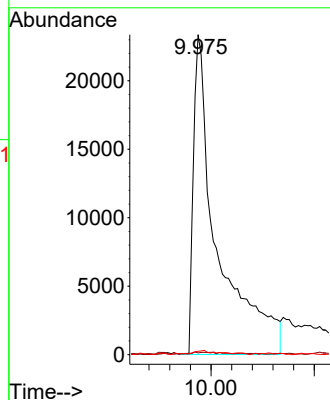
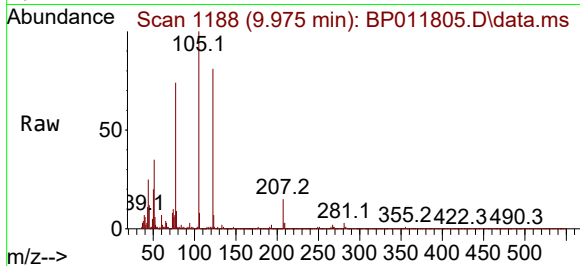
Tgt Ion:122 Resp: 75138

Ion Ratio Lower Upper

122 100

107 0.5 91.2 136.8#

121 1.0 46.8 70.2#



#32

Benzoic acid

Concen: 12.471 ng

RT: 9.975 min Scan# 1188

Delta R.T. -0.065 min

Lab File: BP011805.D

Acq: 26 Sep 2022 19:57

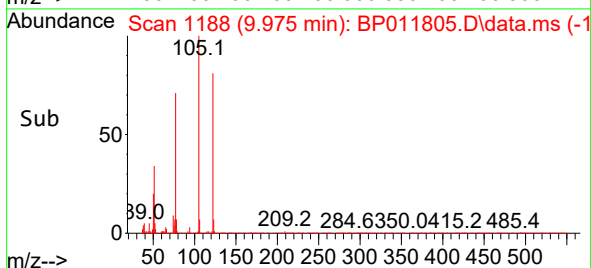
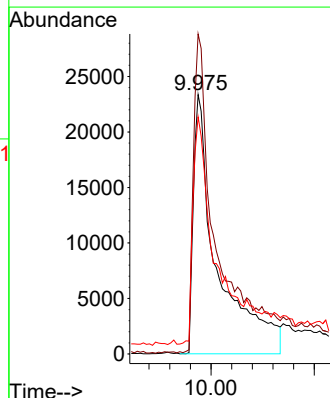
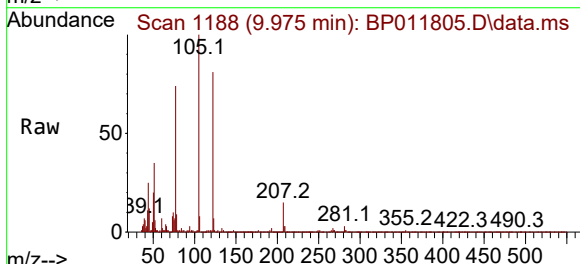
Tgt Ion:122 Resp: 75138

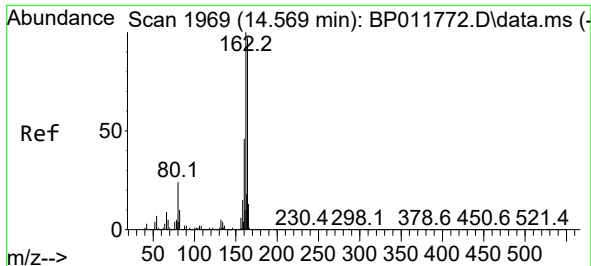
Ion Ratio Lower Upper

122 100

105 123.4 101.0 141.0

77 91.4 75.9 115.9

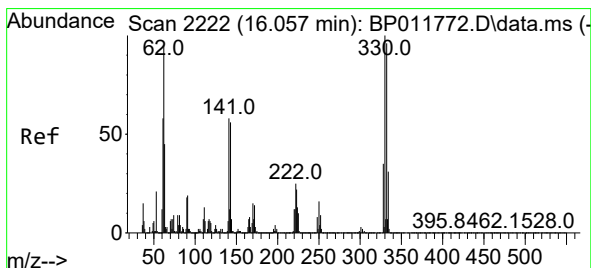
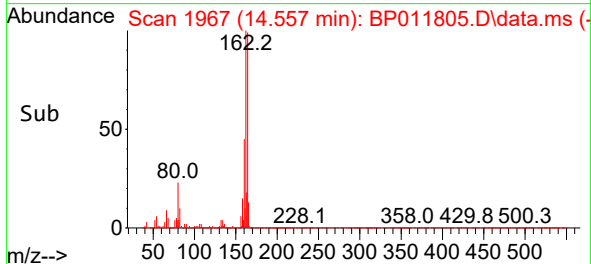
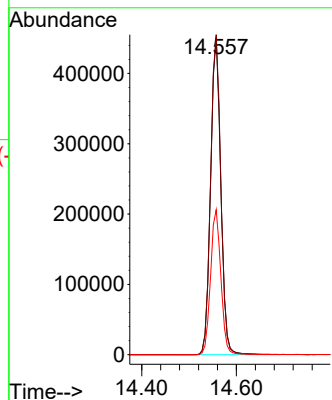
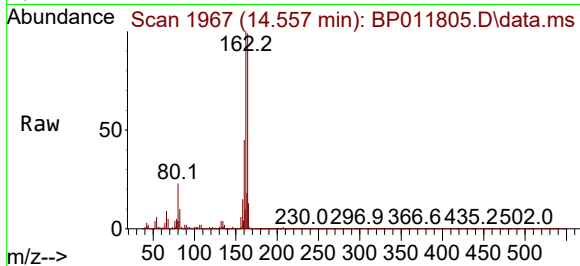




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP011805.D
Acq: 26 Sep 2022 19:57

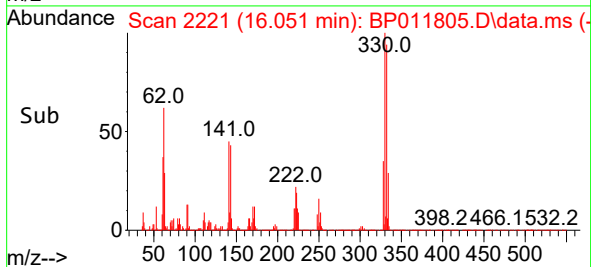
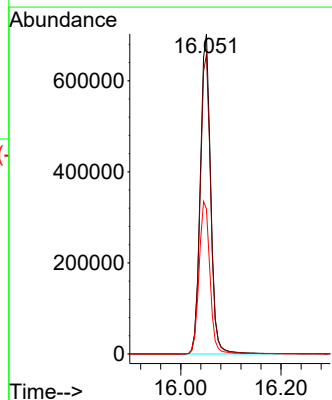
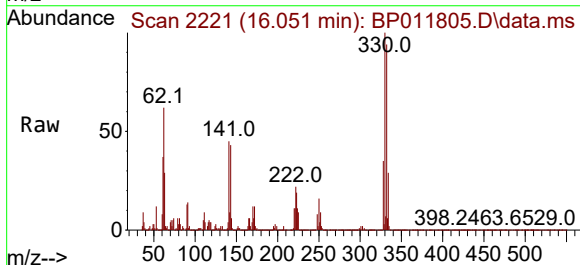
Instrument :
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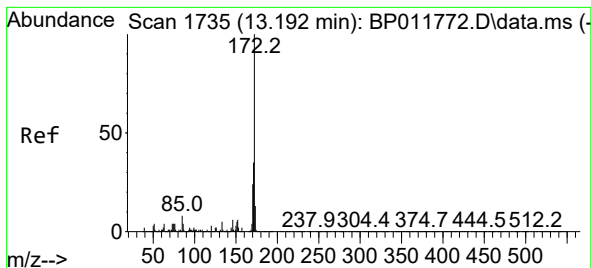
Tgt Ion:164 Resp: 672949
Ion Ratio Lower Upper
164 100
162 100.7 82.5 123.7
160 45.6 37.8 56.6



#42
2,4,6-Tribromophenol
Concen: 222.470 ng
RT: 16.051 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BP011805.D
Acq: 26 Sep 2022 19:57

Tgt Ion:330 Resp: 1008073
Ion Ratio Lower Upper
330 100
332 95.0 76.6 114.8
141 50.0 48.7 73.1





#45

2-Fluorobiphenyl

Concen: 100.402 ng

RT: 13.181 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP011805.D

Acq: 26 Sep 2022 19:57

Instrument :

BNA_P

ClientSampleId :

TP2-0923

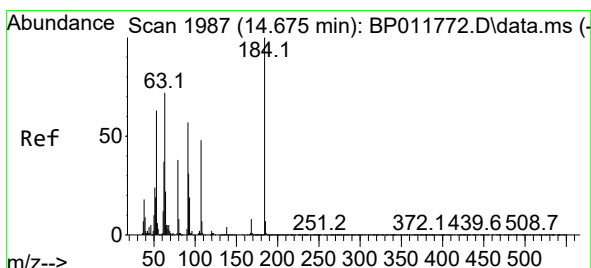
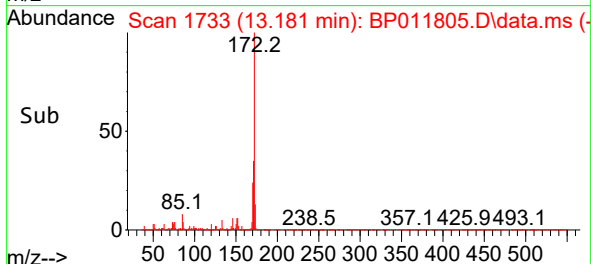
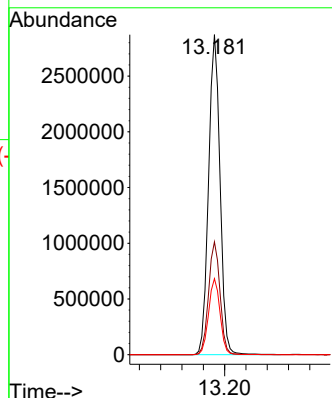
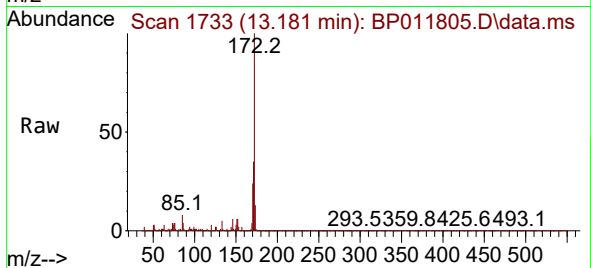
Tgt Ion:172 Resp: 4272532

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.8 19.5 29.3



#54

2,4-Dinitrophenol

Concen: 6.730 ng

RT: 14.663 min Scan# 1985

Delta R.T. -0.012 min

Lab File: BP011805.D

Acq: 26 Sep 2022 19:57

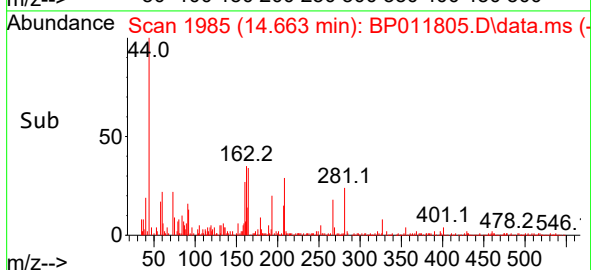
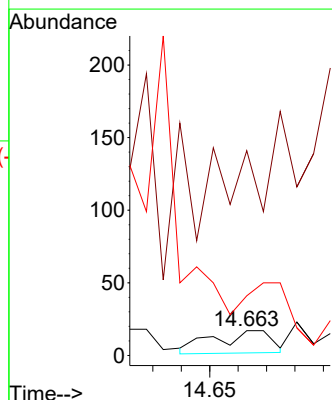
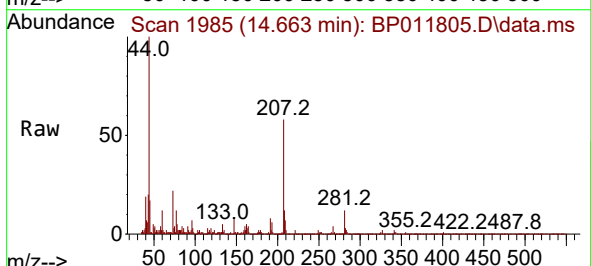
Tgt Ion:184 Resp: 22

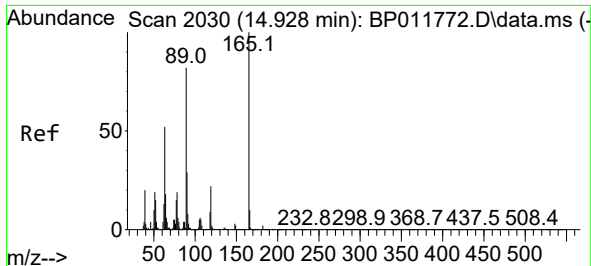
Ion Ratio Lower Upper

184 100

63 829.4 65.7 98.5#

154 241.2 48.2 72.4#

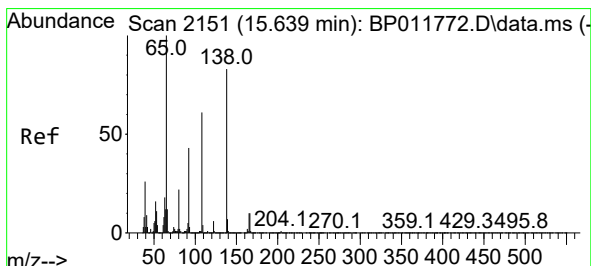
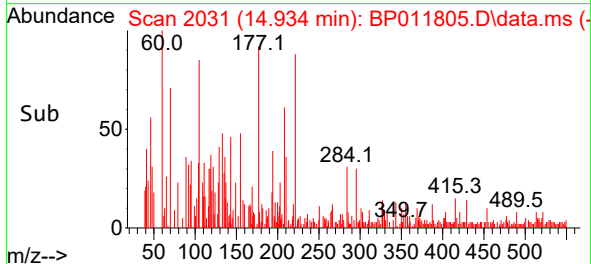
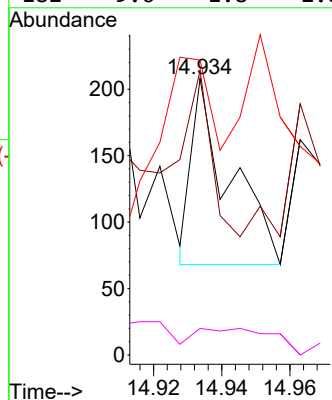
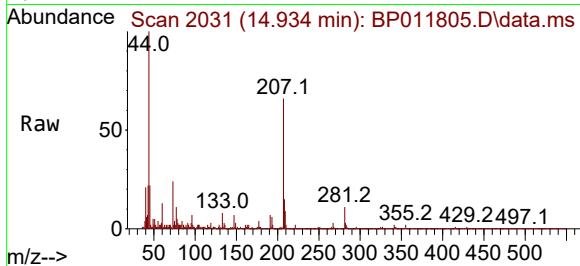




#57
2,4-Dinitrotoluene
Concen: 2.546 ng
RT: 14.934 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BP011805.D
Acq: 26 Sep 2022 19:57

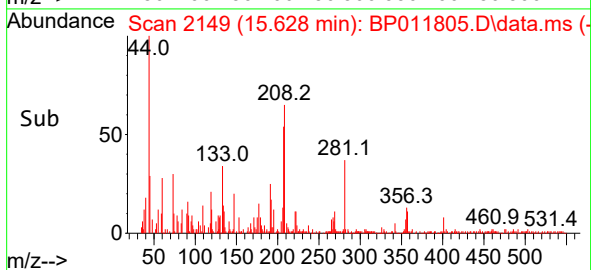
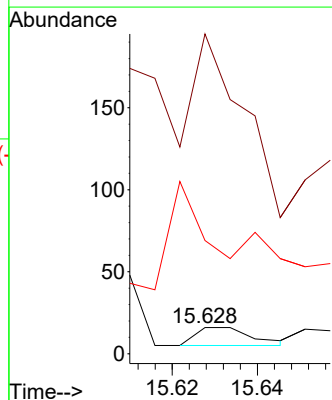
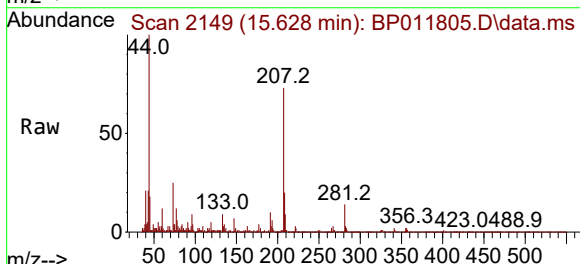
Instrument :
BNA_P
ClientSampleId :
TP2-0923

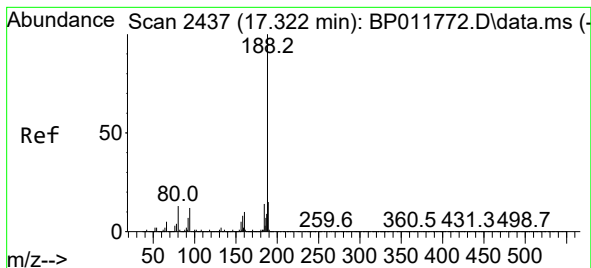
Tgt Ion:165 Resp: 108
Ion Ratio Lower Upper
165 100
63 102.9 41.4 62.2#
89 106.7 66.0 99.0#
182 9.6 1.8 2.8#



#62
4-Nitroaniline
Concen: 2.386 ng
RT: 15.628 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BP011805.D
Acq: 26 Sep 2022 19:57

Tgt Ion:138 Resp: 10
Ion Ratio Lower Upper
138 100
92 304.7 31.9 71.9#
108 107.8 53.3 93.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BP011805.D

Acq: 26 Sep 2022 19:57

Instrument :

BNA_P

ClientSampleId :

TP2-0923

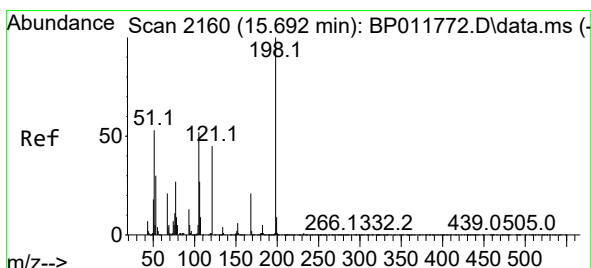
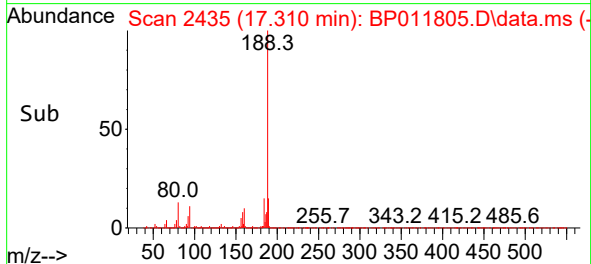
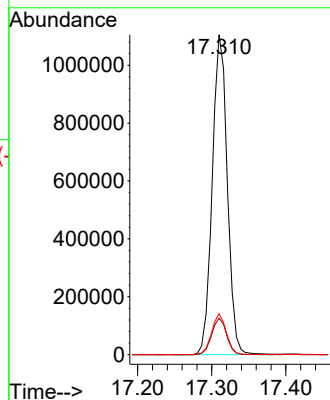
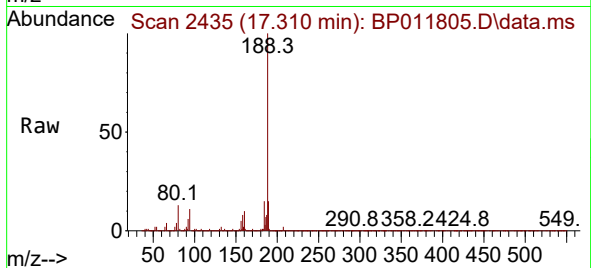
Tgt Ion:188 Resp: 1558247

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.0

80 12.8 10.6 15.8



#65

4,6-Dinitro-2-methylphenol

Concen: 5.622 ng

RT: 15.645 min Scan# 2152

Delta R.T. -0.047 min

Lab File: BP011805.D

Acq: 26 Sep 2022 19:57

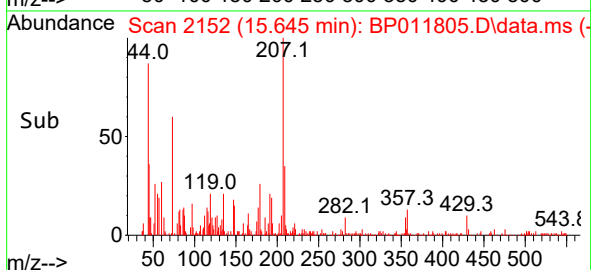
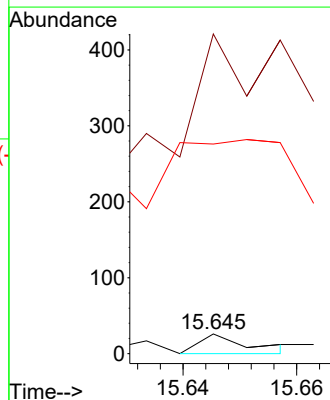
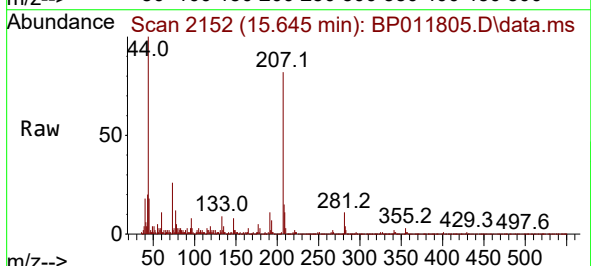
Tgt Ion:198 Resp: 16

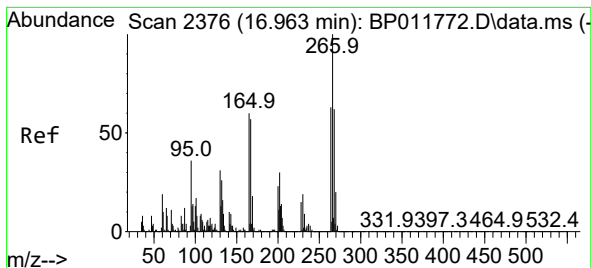
Ion Ratio Lower Upper

198 100

51 1619.2 41.6 81.6#

105 1061.5 33.2 73.2#





#70

Pentachlorophenol

Concen: 4.398 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP011805.D

Acq: 26 Sep 2022 19:57

Instrument :

BNA_P

ClientSampleId :

TP2-0923

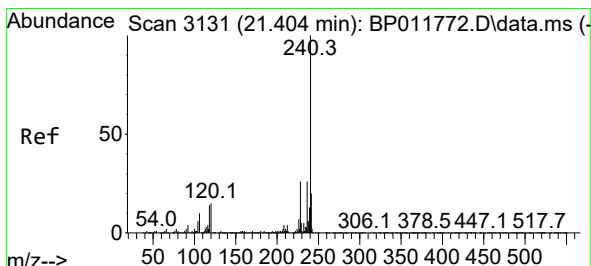
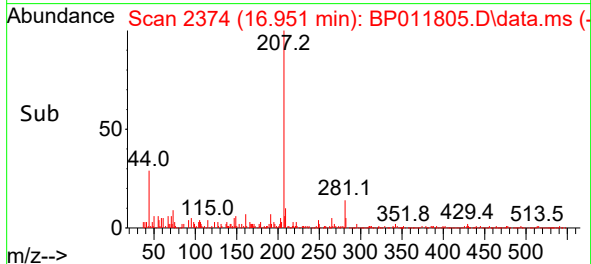
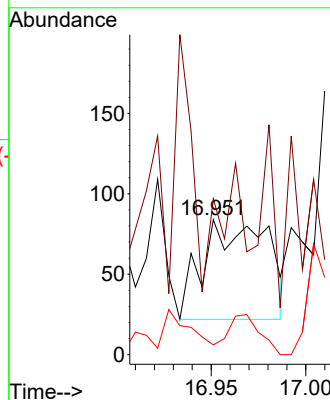
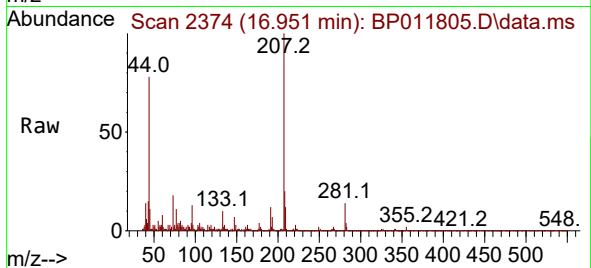
Tgt Ion:266 Resp: 145

Ion Ratio Lower Upper

266 100

268 115.5 49.7 74.5#

264 7.1 50.6 75.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BP011805.D

Acq: 26 Sep 2022 19:57

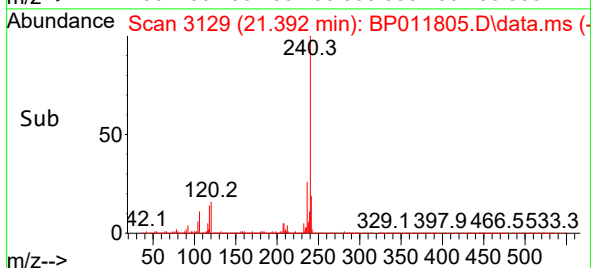
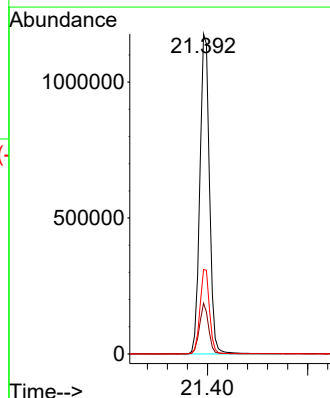
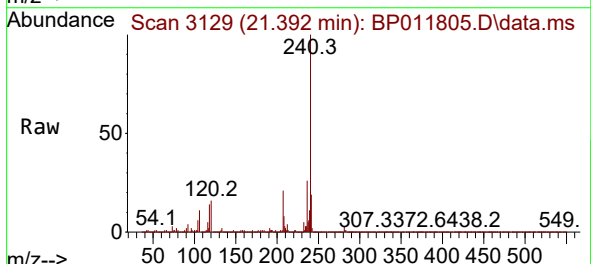
Tgt Ion:240 Resp: 1557978

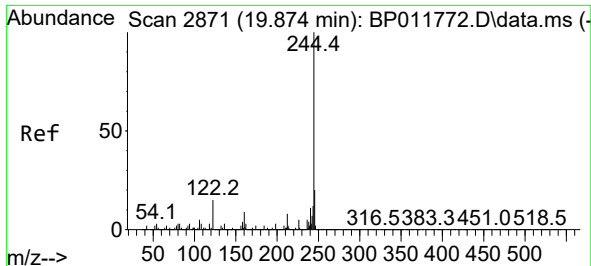
Ion Ratio Lower Upper

240 100

120 15.8 12.0 18.0

236 26.4 21.1 31.7

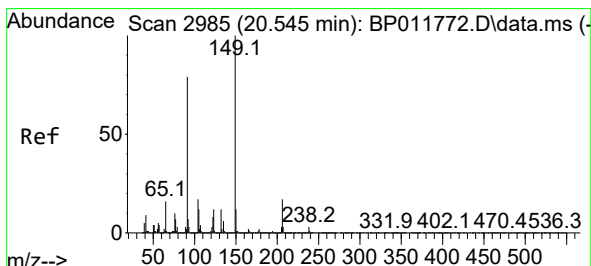
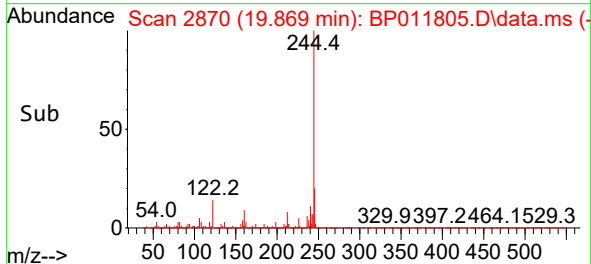
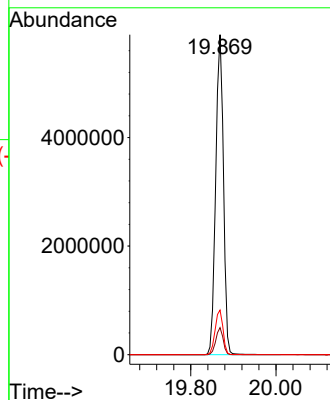
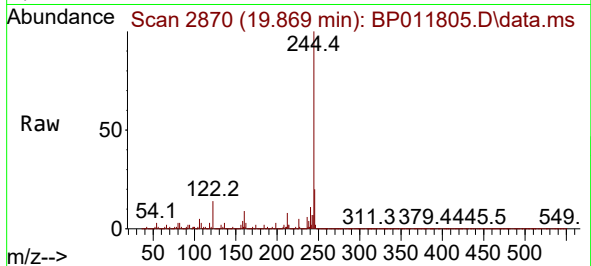




#79
 Terphenyl-d14
 Concen: 109.298 ng
 RT: 19.869 min Scan# 2871
 Delta R.T. -0.006 min
 Lab File: BP011805.D
 Acq: 26 Sep 2022 19:57

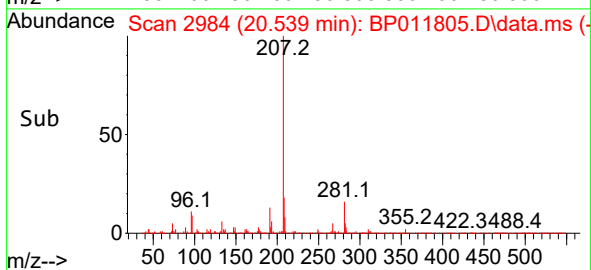
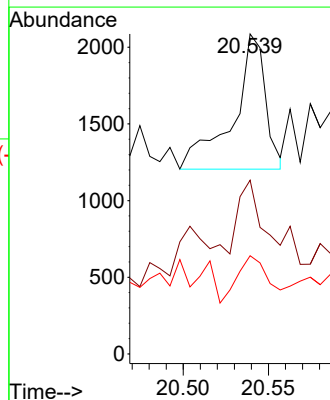
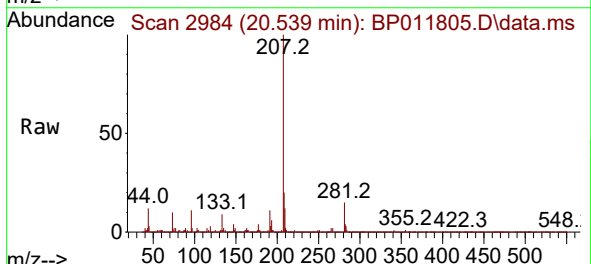
Instrument :
 BNA_P
 ClientSampleId :
 TP2-0923

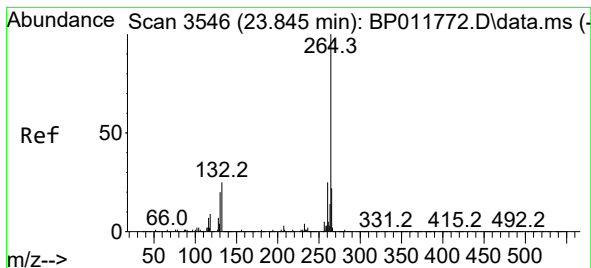
Tgt Ion:244 Resp: 7405796
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 14.0 11.8 17.8



#80
 Butylbenzylphthalate
 Concen: 2.705 ng
 RT: 20.539 min Scan# 2984
 Delta R.T. -0.006 min
 Lab File: BP011805.D
 Acq: 26 Sep 2022 19:57

Tgt Ion:149 Resp: 1168
 Ion Ratio Lower Upper
 149 100
 91 54.3 63.1 94.7#
 206 30.7 13.6 20.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.839 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP011805.D

Acq: 26 Sep 2022 19:57

Instrument :

BNA_P

ClientSampleId :

TP2-0923

Tgt Ion:264 Resp: 1516077

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.9 17.8 26.8

