

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011813.D
 Acq On : 27 Sep 2022 13:36
 Operator : CG/JU
 Sample : N4809-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP3-0923

Quant Time: Sep 28 02:07:12 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)

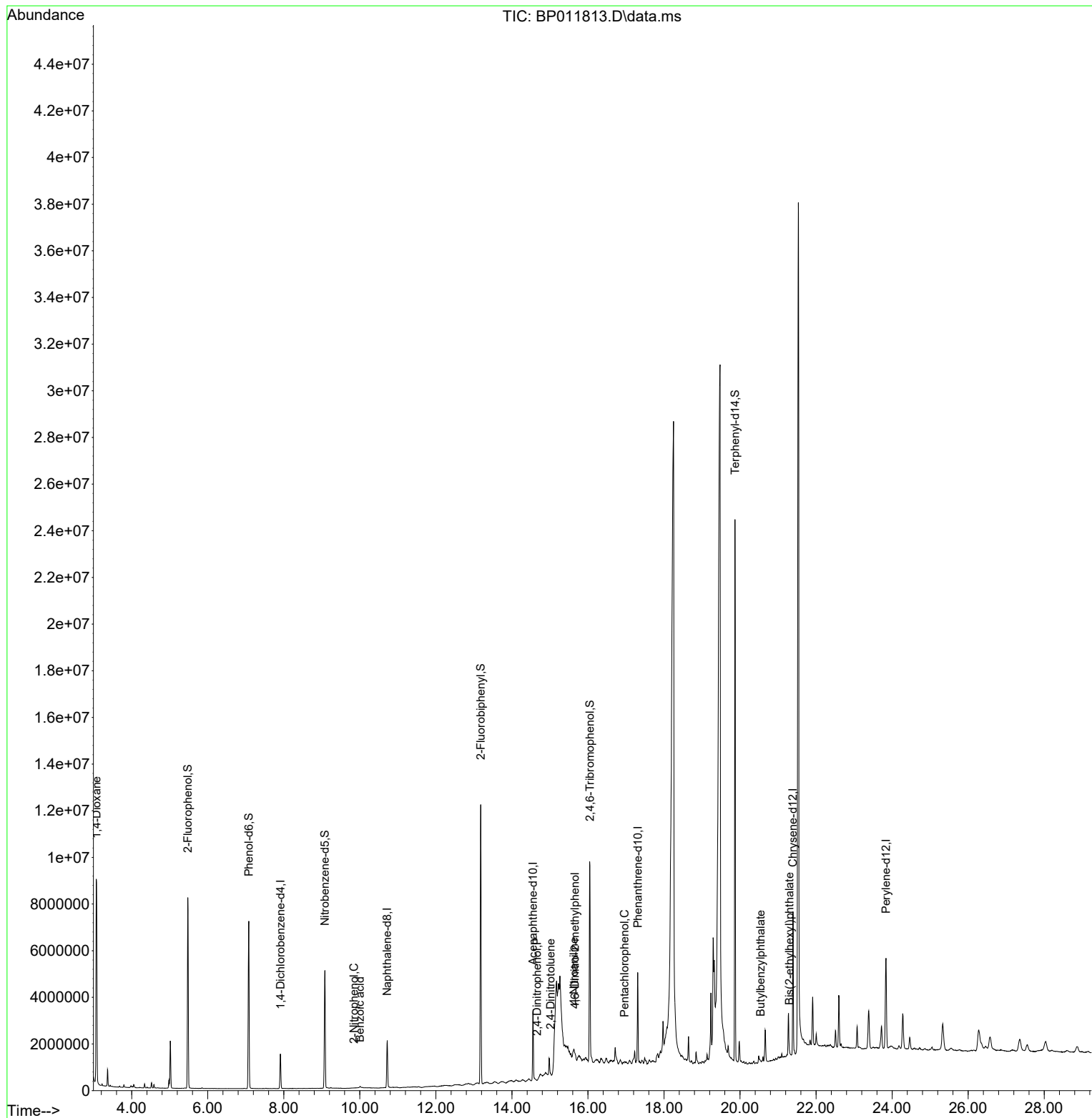
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	405532	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1692726	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	1051499	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	2165736	20.000	ng	0.00
76) Chrysene-d12	21.392	240	2847453	20.000	ng	0.00
86) Perylene-d12	23.839	264	2965356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3704122	160.265	ng	0.00
7) Phenol-d6	7.081	99	4480551	131.109	ng	0.01
23) Nitrobenzene-d5	9.081	82	2960665	91.546	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1484205	209.626	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	6161667	92.668	ng	0.00
79) Terphenyl-d14	19.868	244	11542691	93.208	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.075	88	63582	6.543	ng	# 1
26) 2-Nitrophenol	9.845	139	98	3.338	ng	# 1
32) Benzoic acid	10.004	122	40706	8.664	ng	96
54) 2,4-Dinitrophenol	14.663	184	151	6.743	ng	# 1
57) 2,4-Dinitrotoluene	15.022	165	1116	2.584	ng	# 70
62) 4-Nitroaniline	15.633	138	1761	2.459	ng	89
65) 4,6-Dinitro-2-methylph...	15.657	198	603	5.669	ng	# 1
70) Pentachlorophenol	16.963	266	808	4.440	ng	# 48
80) Butylbenzylphthalate	20.539	149	4896	2.733	ng	# 97
84) Bis(2-ethylhexyl)phtha...	21.298	149	29796	2.108	ng	# 99

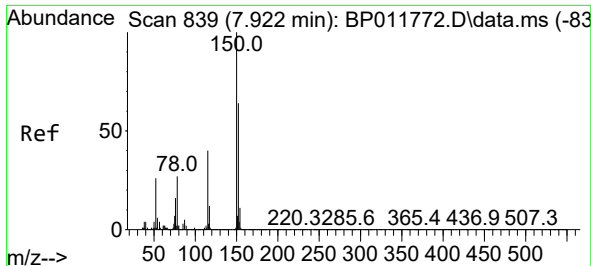
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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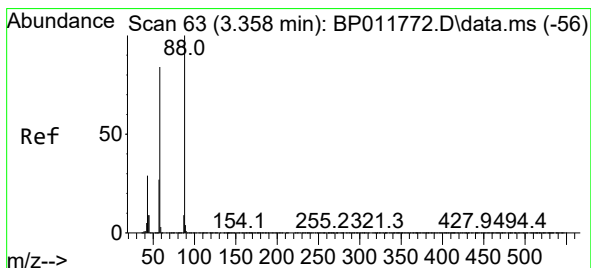
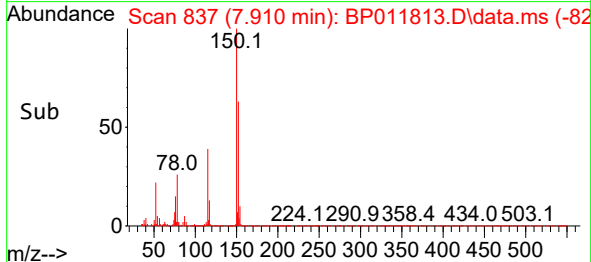
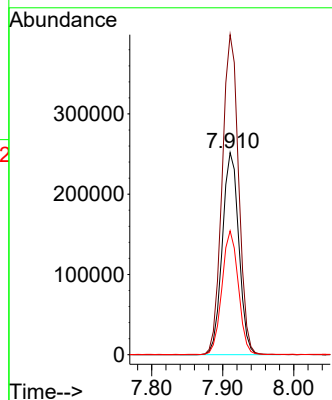
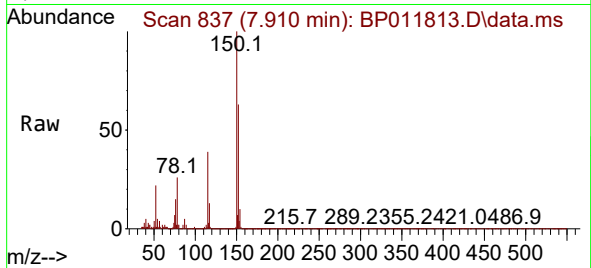




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP011813.D
 Acq: 27 Sep 2022 13:36

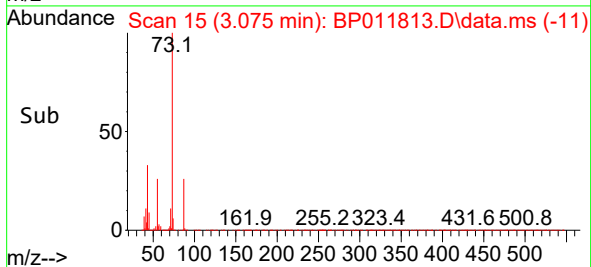
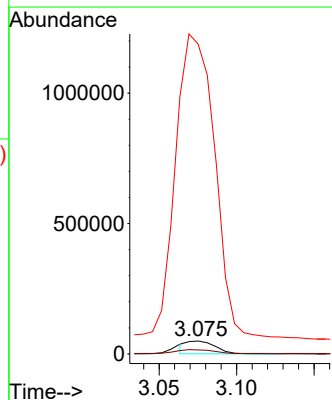
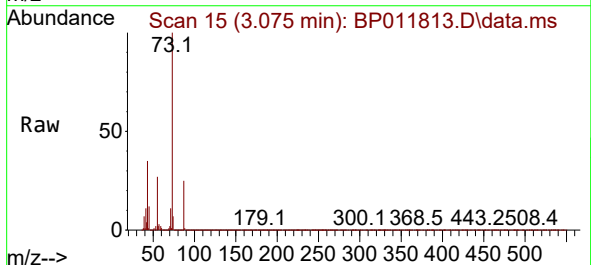
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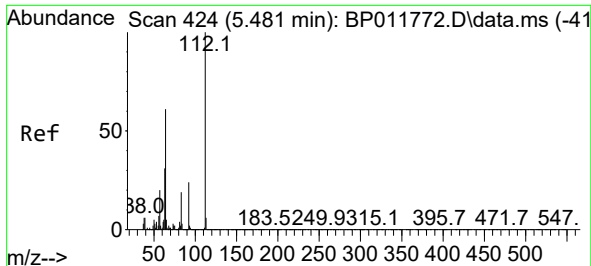
Tgt Ion:152 Resp: 405532
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.2 186.4
 115 61.3 50.0 75.0



#2
 1,4-Dioxane
 Concen: 6.543 ng
 RT: 3.075 min Scan# 15
 Delta R.T. -0.277 min
 Lab File: BP011813.D
 Acq: 27 Sep 2022 13:36

Tgt Ion: 88 Resp: 63582
 Ion Ratio Lower Upper
 88 100
 58 30.1 66.6 99.8#
 43 2472.2 23.2 34.8#

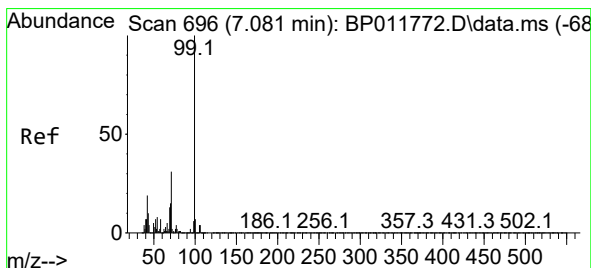
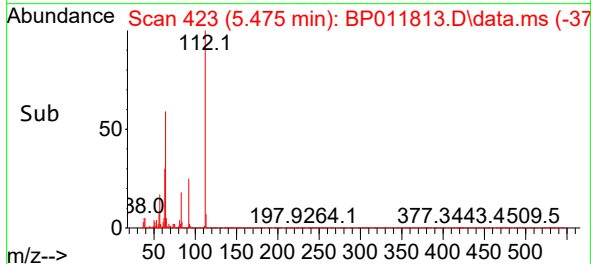
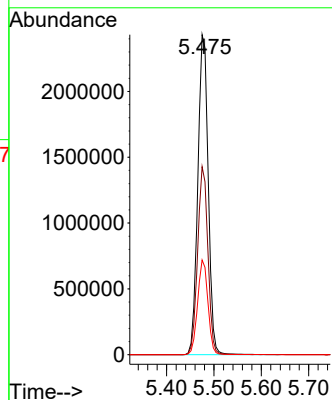
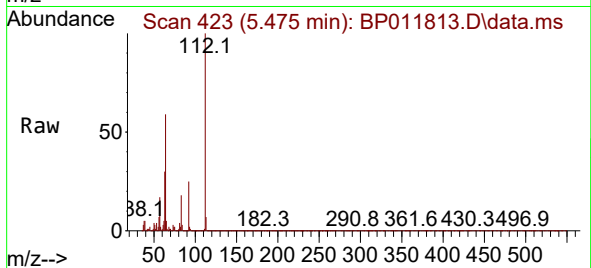




#5
2-Fluorophenol
Concen: 160.265 ng
RT: 5.475 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

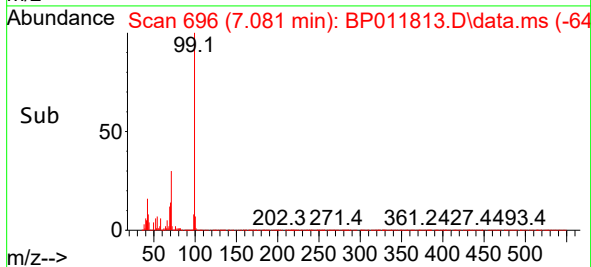
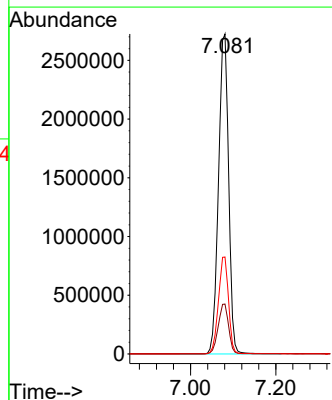
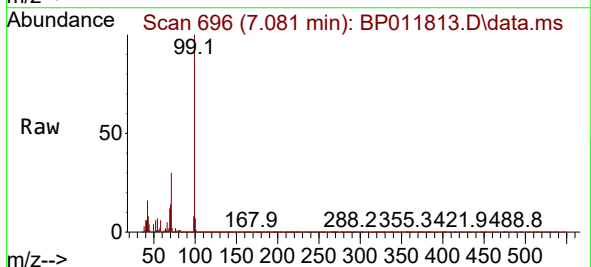
Instrument :
BNA_P
ClientSampleId :
TP3-0923

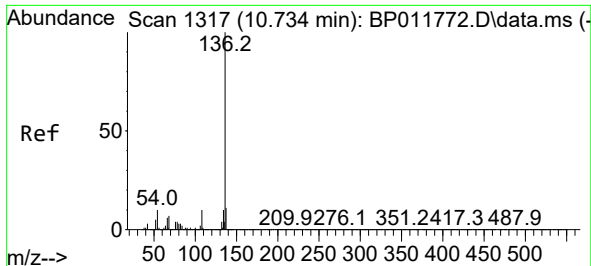
Tgt Ion:112 Resp: 3704122
Ion Ratio Lower Upper
112 100
64 58.8 49.2 73.8
63 29.6 25.2 37.8



#7
Phenol-d6
Concen: 131.109 ng
RT: 7.081 min Scan# 696
Delta R.T. 0.011 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

Tgt Ion: 99 Resp: 4480551
Ion Ratio Lower Upper
99 100
42 15.6 15.4 23.2
71 30.3 24.7 37.1

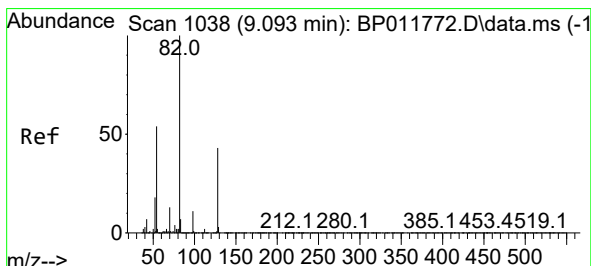
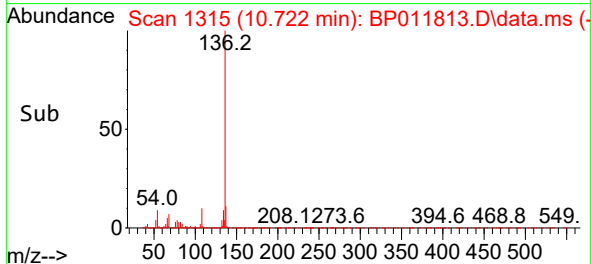
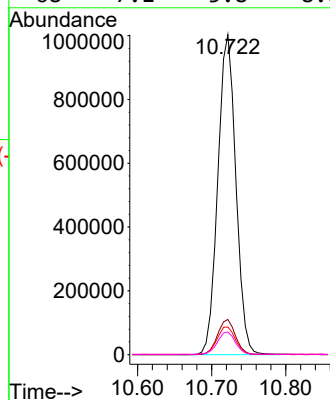
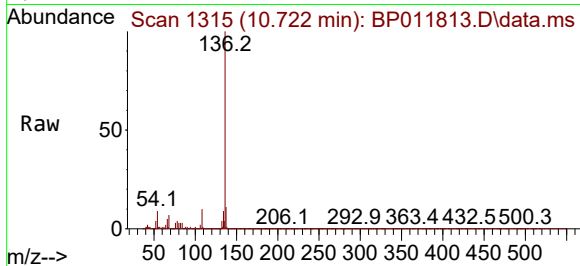




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

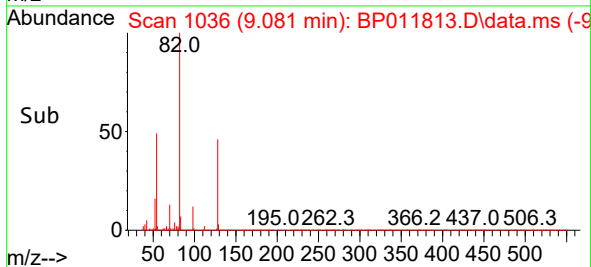
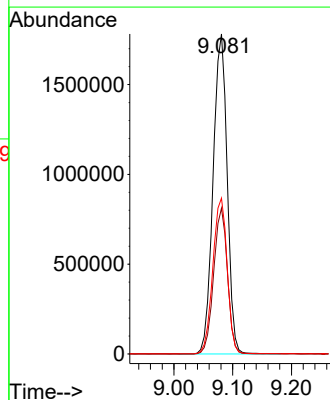
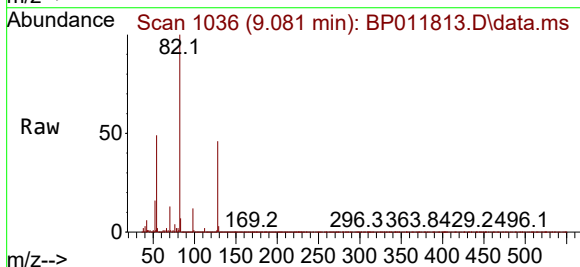
Instrument :
BNA_P
ClientSampleId :
TP3-0923

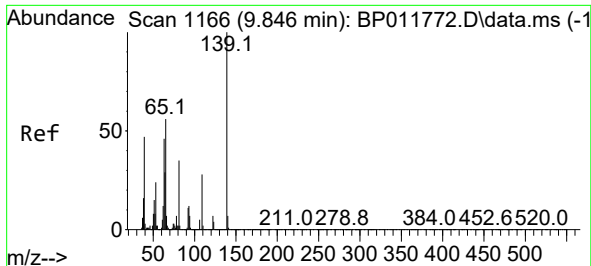
Tgt Ion:136 Resp: 1692726
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.7 8.2 12.4
68 7.1 5.8 8.8



#23
Nitrobenzene-d5
Concen: 91.546 ng
RT: 9.081 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

Tgt Ion: 82 Resp: 2960665
Ion Ratio Lower Upper
82 100
128 45.5 34.2 51.4
54 48.7 43.1 64.7

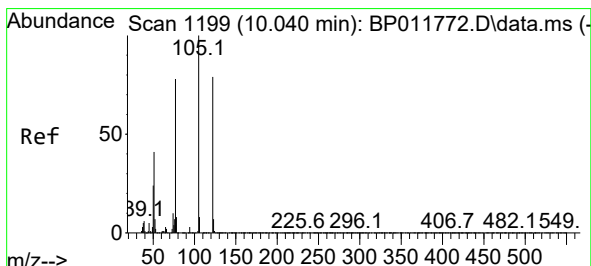
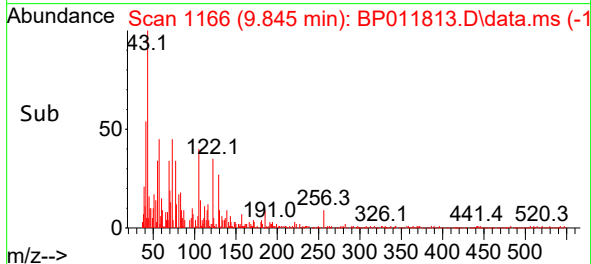
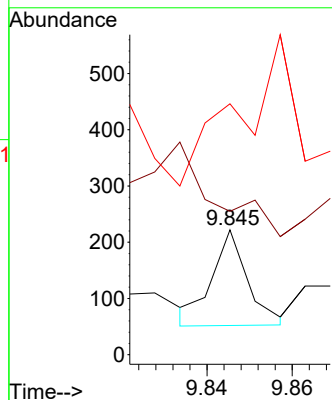
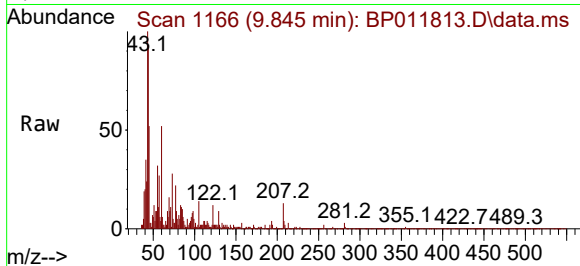




#26
2-Nitrophenol
Concen: 3.338 ng
RT: 9.845 min Scan# 1166
Delta R.T. 0.011 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

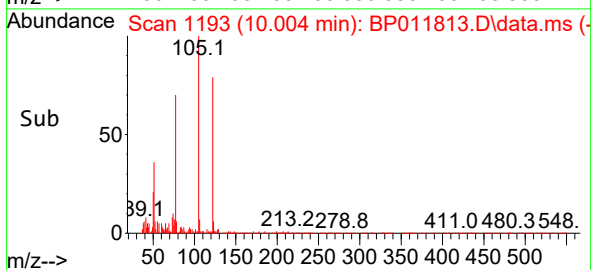
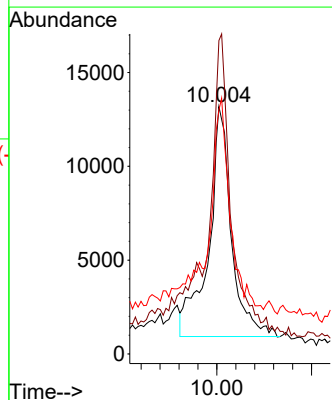
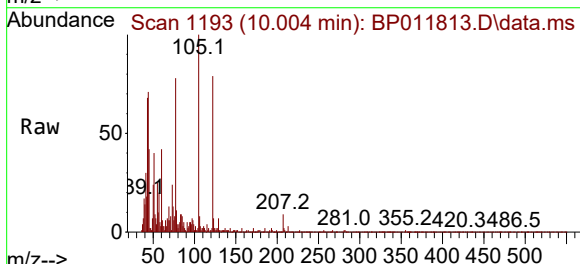
Instrument :
BNA_P
ClientSampleId :
TP3-0923

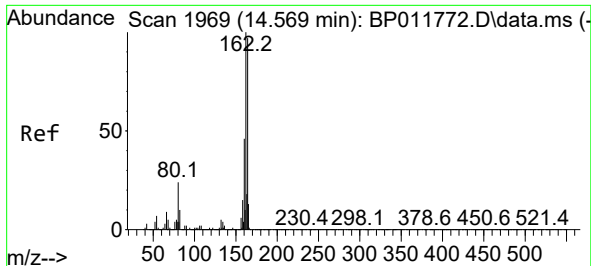
Tgt Ion:139 Resp: 98
Ion Ratio Lower Upper
139 100
109 114.9 22.6 34.0#
65 200.9 44.7 67.1#



#32
Benzoic acid
Concen: 8.664 ng
RT: 10.004 min Scan# 1193
Delta R.T. -0.012 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

Tgt Ion:122 Resp: 40706
Ion Ratio Lower Upper
122 100
105 126.7 101.0 141.0
77 98.6 75.9 115.9

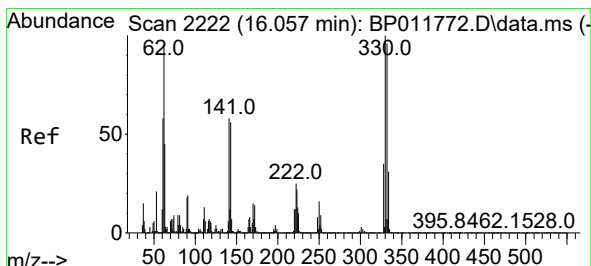
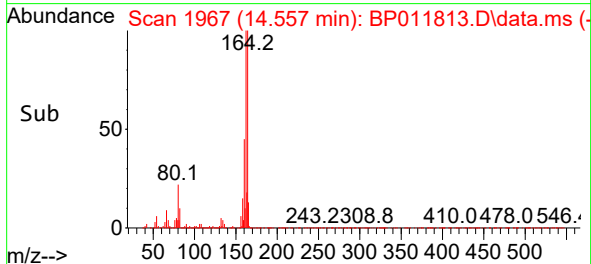
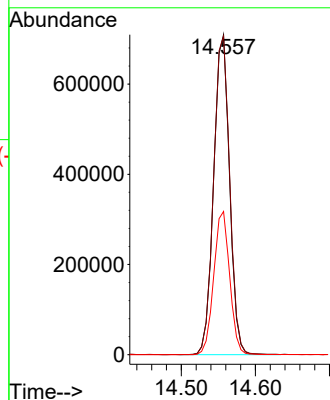
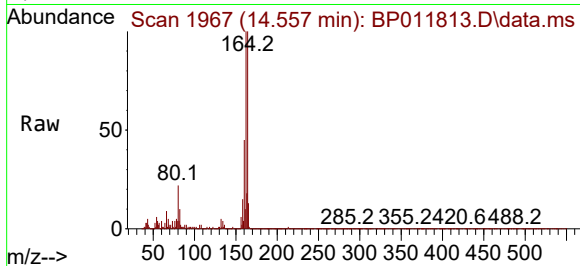




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

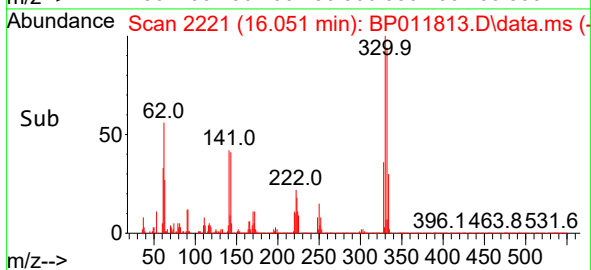
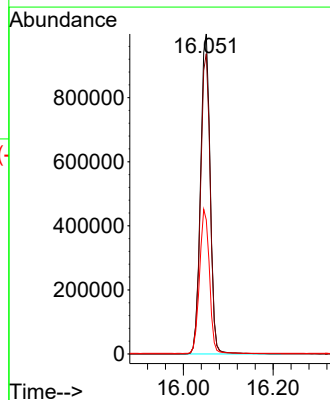
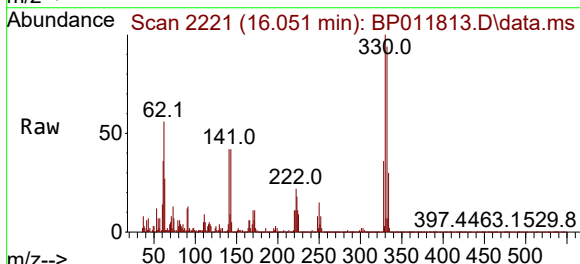
Instrument :
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ClientSampleId :
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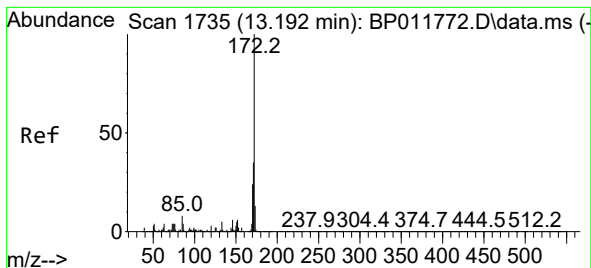
Tgt Ion:164 Resp: 1051499
Ion Ratio Lower Upper
164 100
162 99.6 82.5 123.7
160 44.8 37.8 56.6



#42
2,4,6-Tribromophenol
Concen: 209.626 ng
RT: 16.051 min Scan# 2221
Delta R.T. 0.006 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

Tgt Ion:330 Resp: 1484205
Ion Ratio Lower Upper
330 100
332 94.9 76.6 114.8
141 46.1 48.7 73.1#





#45

2-Fluorobiphenyl

Concen: 92.668 ng

RT: 13.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP011813.D

Acq: 27 Sep 2022 13:36

Instrument :

BNA_P

ClientSampleId :

TP3-0923

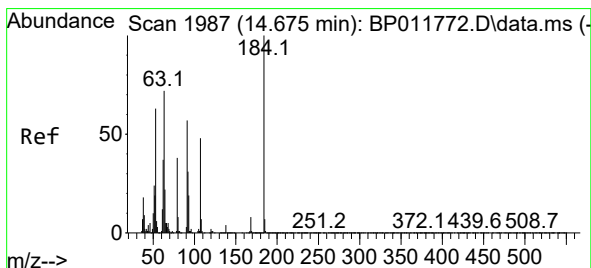
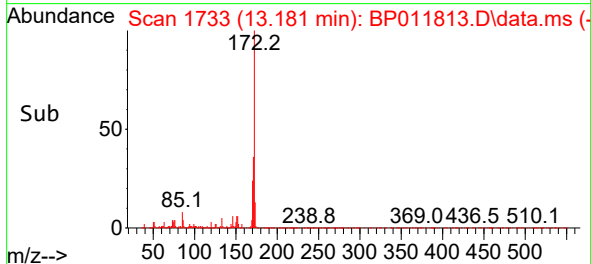
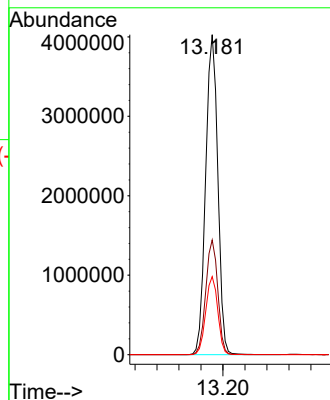
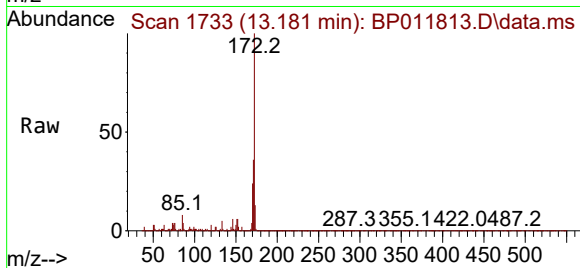
Tgt Ion:172 Resp: 6161667

Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 24.4 19.5 29.3



#54

2,4-Dinitrophenol

Concen: 6.743 ng

RT: 14.663 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BP011813.D

Acq: 27 Sep 2022 13:36

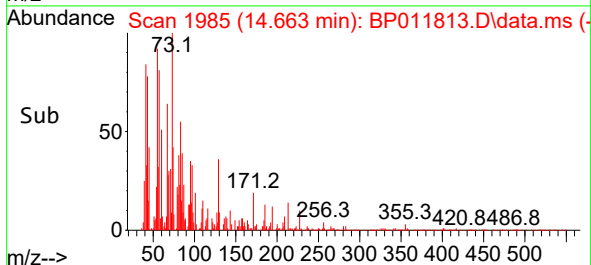
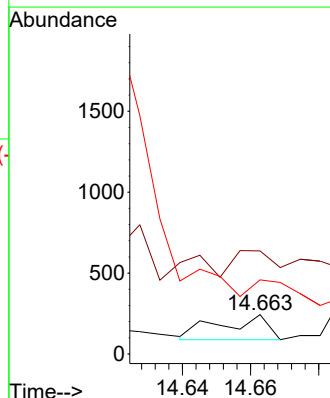
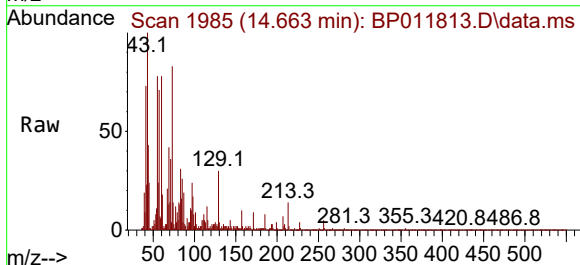
Tgt Ion:184 Resp: 151

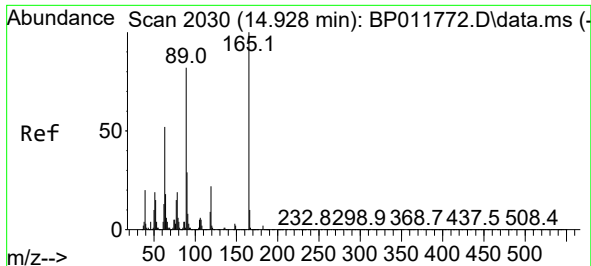
Ion Ratio Lower Upper

184 100

63 261.1 65.7 98.5#

154 187.7 48.2 72.4#

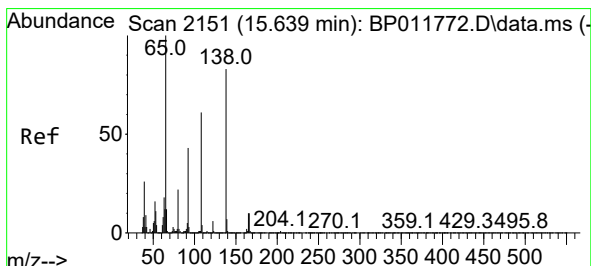
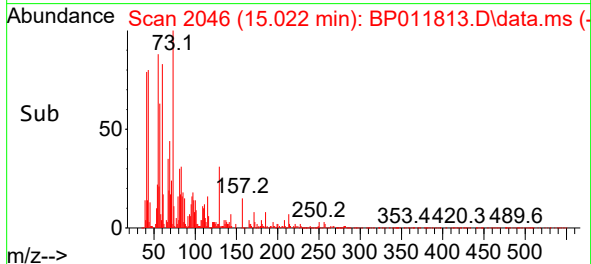
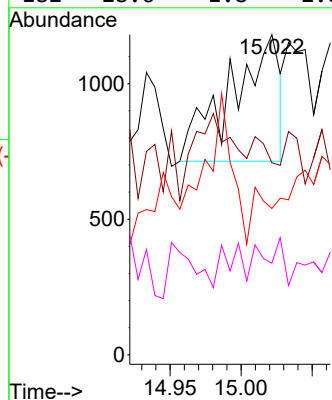
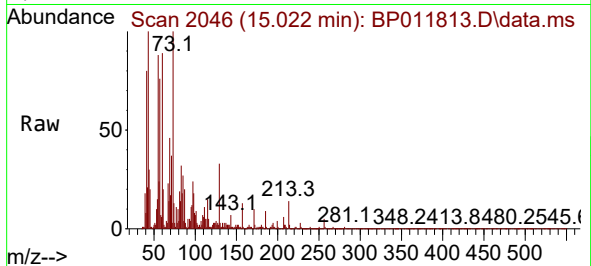




#57
2,4-Dinitrotoluene
Concen: 2.584 ng
RT: 15.022 min Scan# 2030
Delta R.T. 0.106 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

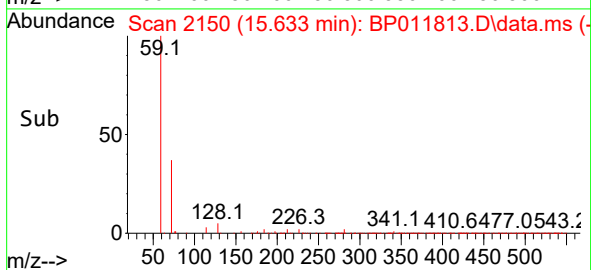
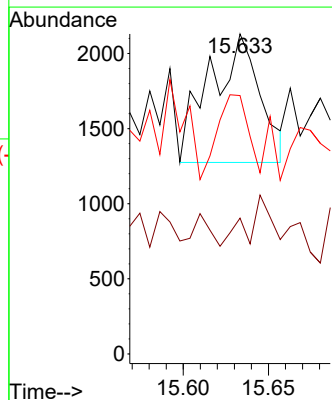
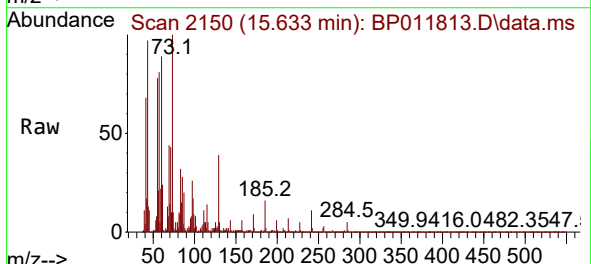
Instrument :
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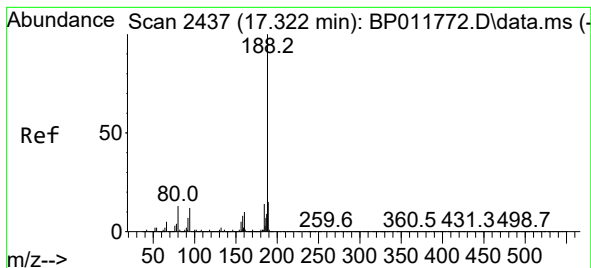
Tgt Ion:165 Resp: 1116
Ion Ratio Lower Upper
165 100
63 60.0 41.4 62.2
89 45.7 66.0 99.0#
182 28.6 1.8 2.8#



#62
4-Nitroaniline
Concen: 2.459 ng
RT: 15.633 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

Tgt Ion:138 Resp: 1761
Ion Ratio Lower Upper
138 100
92 42.4 31.9 71.9
108 80.8 53.3 93.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BP011813.D

Acq: 27 Sep 2022 13:36

Instrument :

BNA_P

ClientSampleId :

TP3-0923

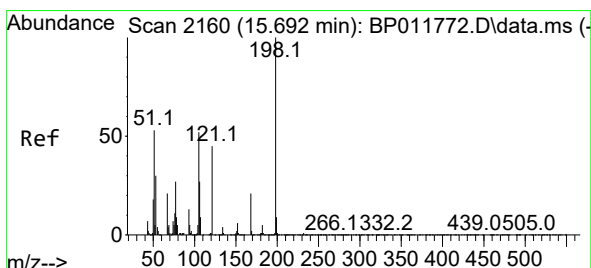
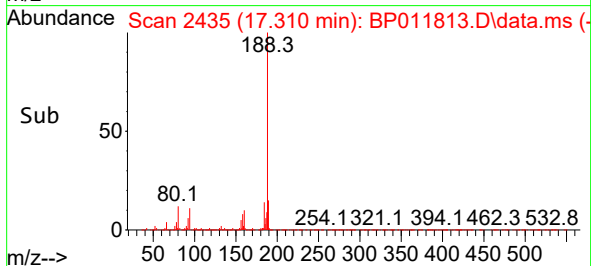
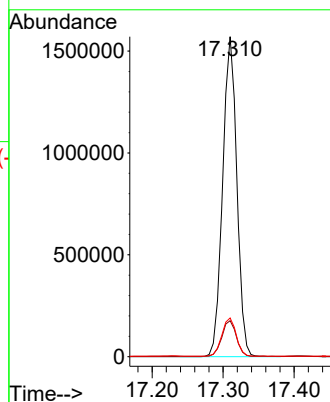
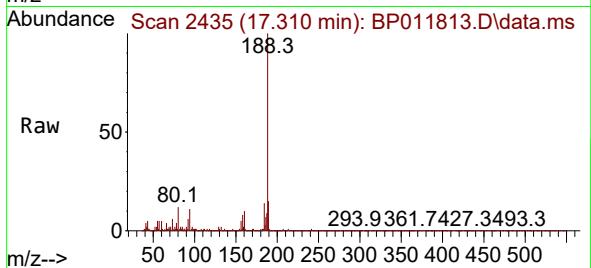
Tgt Ion:188 Resp: 2165736

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.0

80 12.1 10.6 15.8



#65

4,6-Dinitro-2-methylphenol

Concen: 5.669 ng

RT: 15.657 min Scan# 2154

Delta R.T. -0.024 min

Lab File: BP011813.D

Acq: 27 Sep 2022 13:36

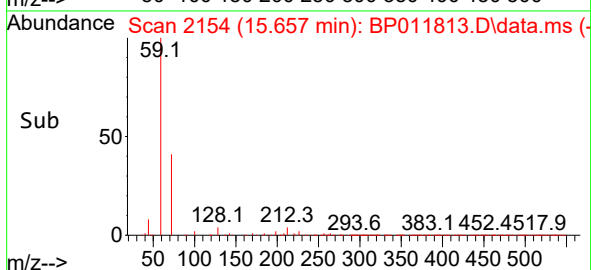
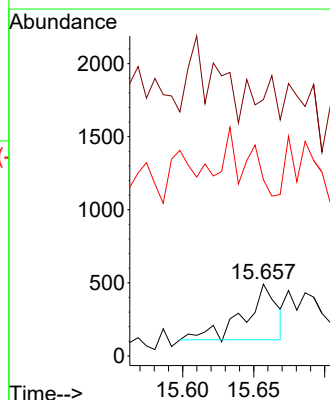
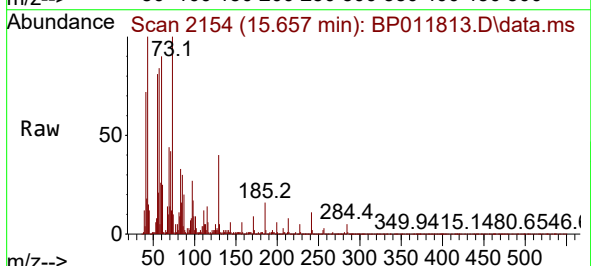
Tgt Ion:198 Resp: 603

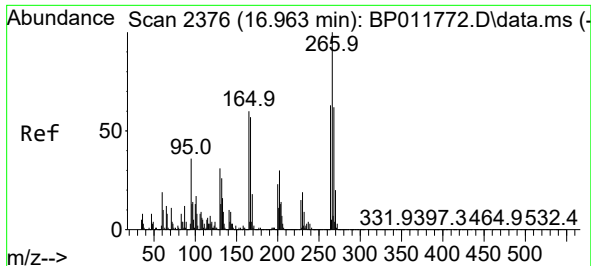
Ion Ratio Lower Upper

198 100

51 357.0 41.6 81.6#

105 245.6 33.2 73.2#

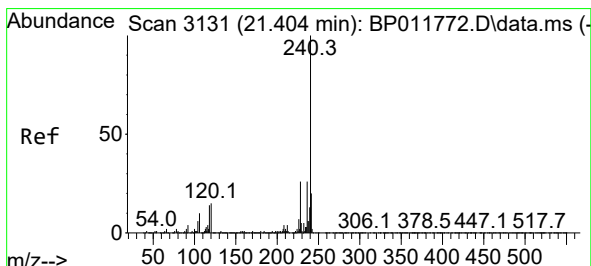
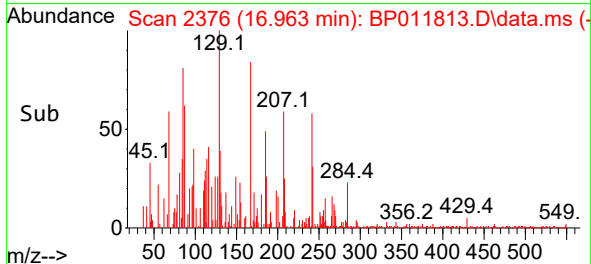
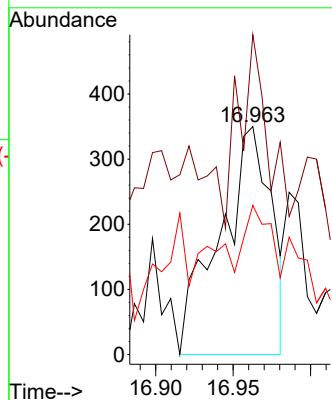
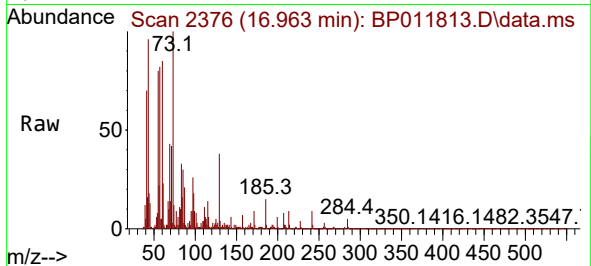




#70
Pentachlorophenol
Concen: 4.440 ng
RT: 16.963 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

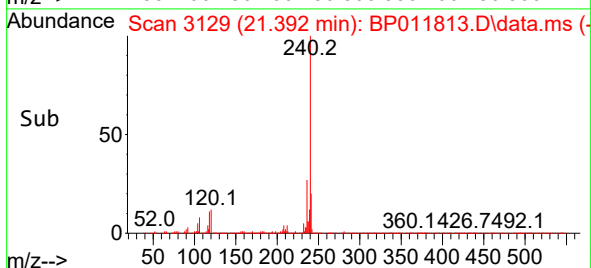
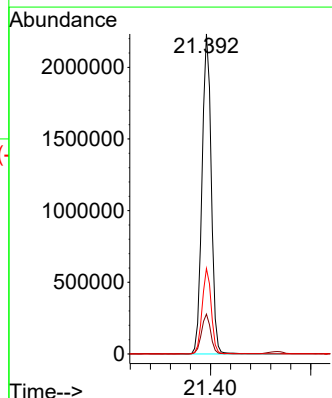
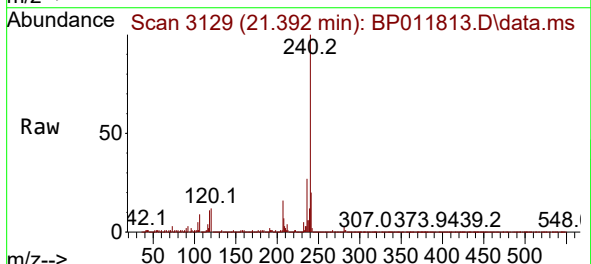
Instrument :
BNA_P
ClientSampleId :
TP3-0923

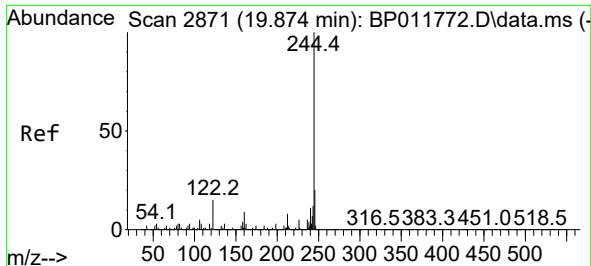
Tgt Ion:266 Resp: 808
Ion Ratio Lower Upper
266 100
268 140.3 49.7 74.5#
264 65.4 50.6 75.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

Tgt Ion:240 Resp: 2847453
Ion Ratio Lower Upper
240 100
120 12.5 12.0 18.0
236 26.7 21.1 31.7

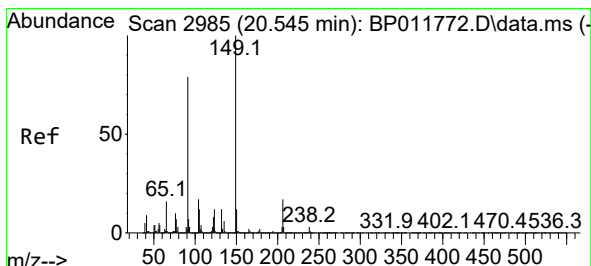
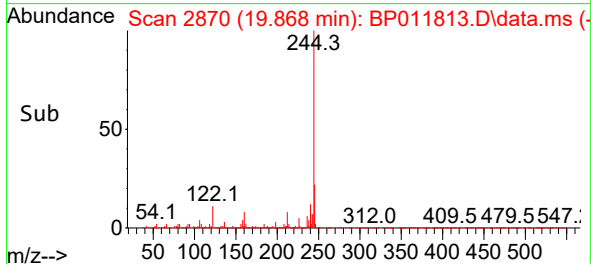
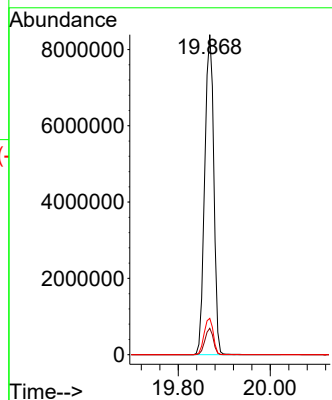
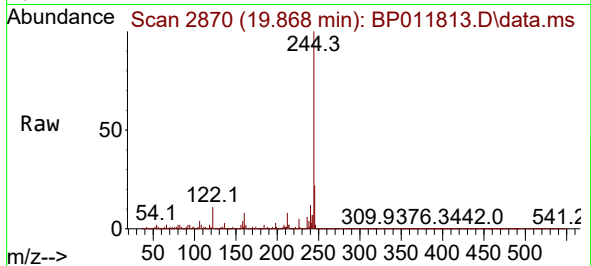




#79
 Terphenyl-d14
 Concen: 93.208 ng
 RT: 19.868 min Scan# 2871
 Delta R.T. -0.000 min
 Lab File: BP011813.D
 Acq: 27 Sep 2022 13:36

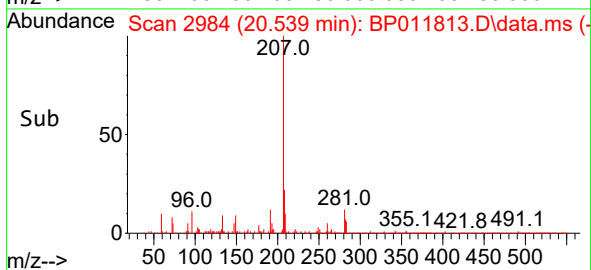
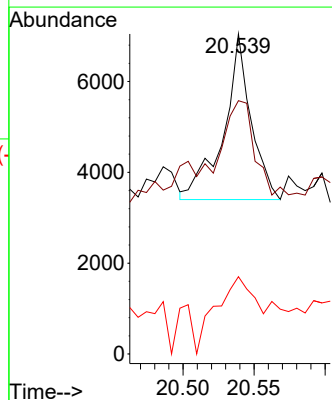
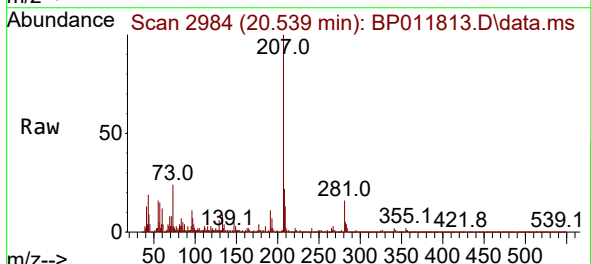
Instrument :
 BNA_P
 ClientSampleId :
 TP3-0923

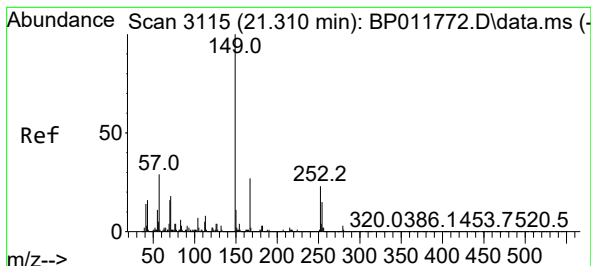
Tgt Ion:244 Resp:11542691
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.4 11.8 17.8#



#80
 Butylbenzylphthalate
 Concen: 2.733 ng
 RT: 20.539 min Scan# 2984
 Delta R.T. -0.000 min
 Lab File: BP011813.D
 Acq: 27 Sep 2022 13:36

Tgt Ion:149 Resp: 4896
 Ion Ratio Lower Upper
 149 100
 91 79.2 63.1 94.7
 206 24.1 13.6 20.4#

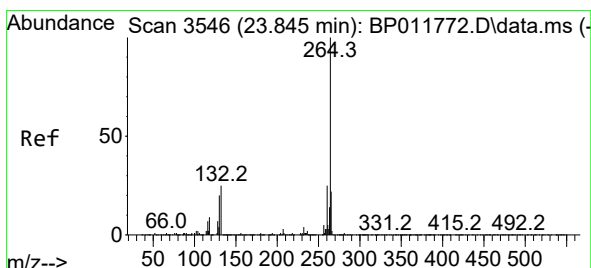
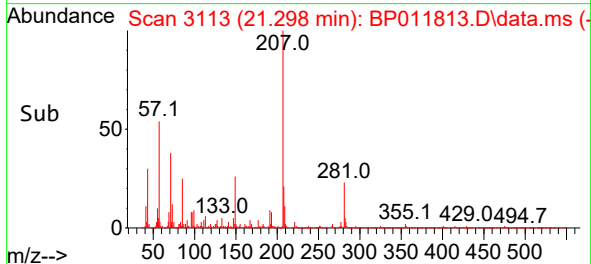
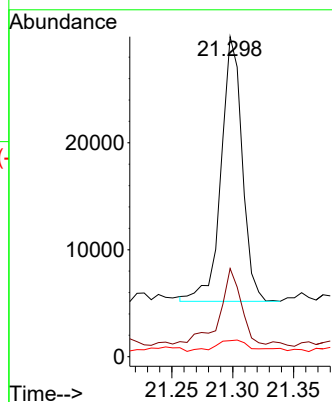
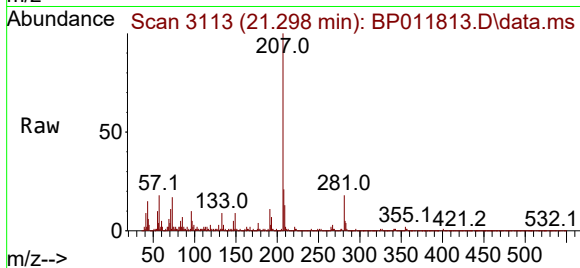




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.108 ng
RT: 21.298 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

Instrument :
BNA_P
ClientSampleId :
TP3-0923

Tgt Ion:149 Resp: 29796
Ion Ratio Lower Upper
149 100
167 27.5 21.8 32.6
279 5.0 2.5 3.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BP011813.D
Acq: 27 Sep 2022 13:36

Tgt Ion:264 Resp: 2965356
Ion Ratio Lower Upper
264 100
260 24.2 19.7 29.5
265 22.2 17.8 26.8

