

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
 Data File : BP006042.D
 Acq On : 23 Jun 2021 19:18
 Operator : CG/JU
 Sample : M2789-23RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1ST-WALLS

Quant Time: Jun 24 01:17:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

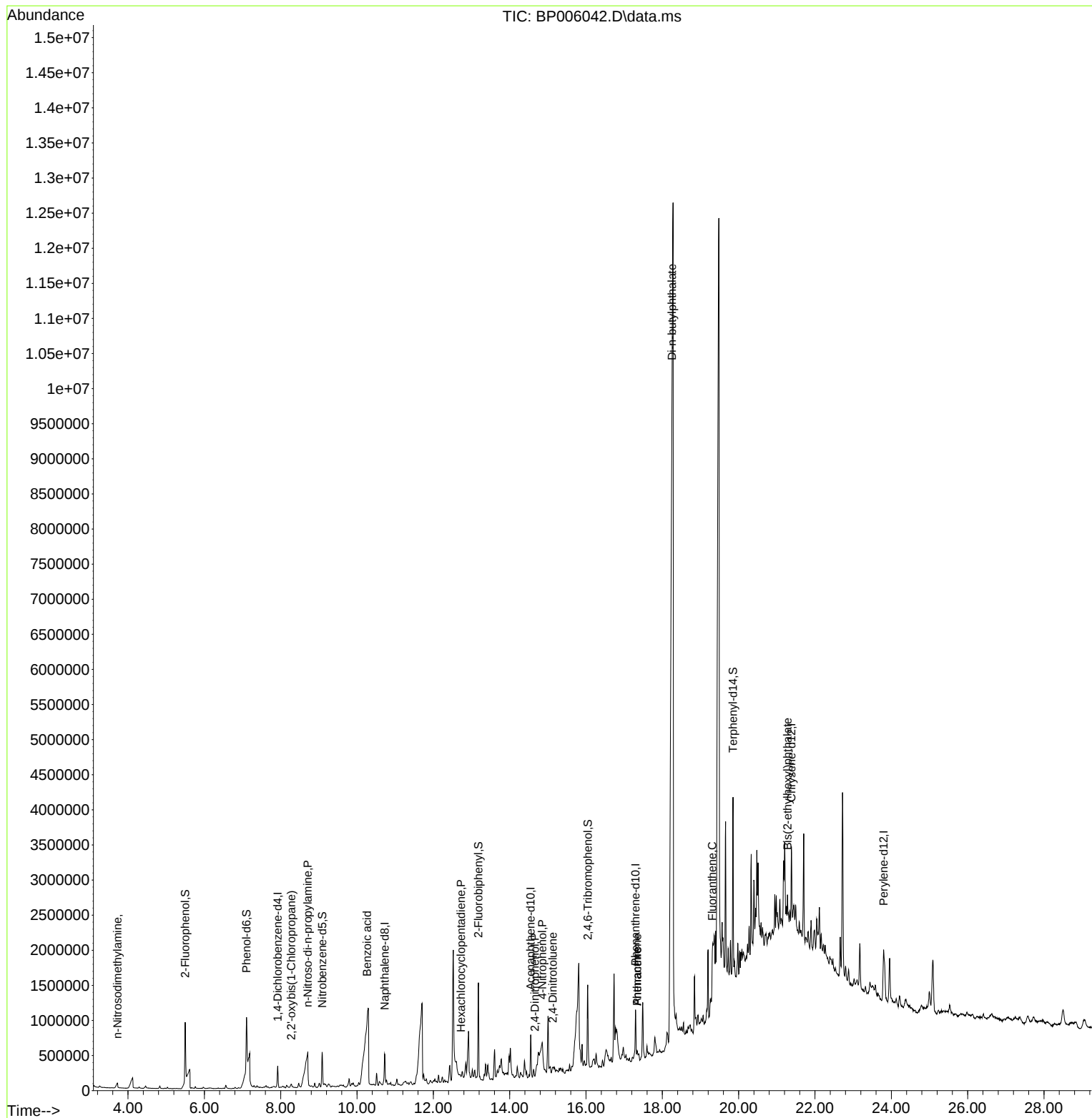
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	86051	20.00	ng	0.00
21) Naphthalene-d8	10.728	136	330421	20.00	ng	# 0.00
39) Acenaphthene-d10	14.551	164	202066	20.00	ng	0.00
64) Phenanthrene-d10	17.298	188	404924	20.00	ng	# 0.00
76) Chrysene-d12	21.380	240	432910	20.00	ng	0.01
86) Perylene-d12	23.797	264	492470	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	386545	72.08	ng	0.01
7) Phenol-d6	7.104	99	472512	67.98	ng	0.01
23) Nitrobenzene-d5	9.086	82	298807	44.34	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	237311	68.44	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	703438	45.71	ng	0.00
79) Terphenyl-d14	19.851	244	1142151	49.40	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.722	42	8703	3.29	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.275	45	11186	2.30	ng	69
19) n-Nitroso-di-n-propyla...	8.710	70	81734	19.11	ng	# 42
32) Benzoic acid	10.263	122	36875	14.91	ng	96
41) Hexachlorocyclopentadiene	12.727	237	21	5.51	ng	91
54) 2,4-Dinitrophenol	14.663	184	117	4.90	ng	# 1
56) 4-Nitrophenol	14.857	139	10939	3.69	ng	96
57) 2,4-Dinitrotoluene	15.127	165	61402	12.16	ng	# 30
71) Phenanthrene	17.339	178	54885	2.26	ng	97
72) Anthracene	17.339	178	54885	2.29	ng	97
74) Di-n-butylphthalate	18.251	149	63181	2.37	ng	# 86
75) Fluoranthene	19.304	202	62397	2.11	ng	76
84) Bis(2-ethylhexyl)phtha...	21.280	149	152270	8.35	ng	92

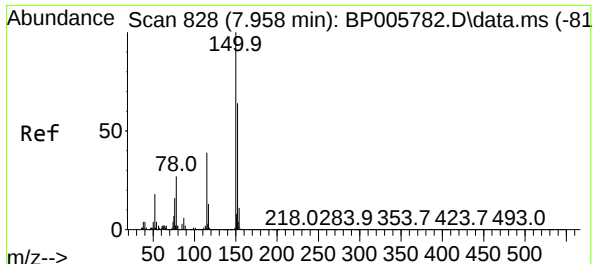
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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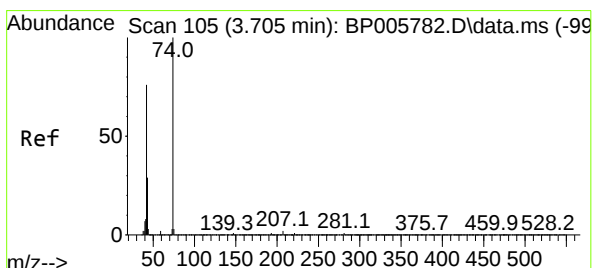
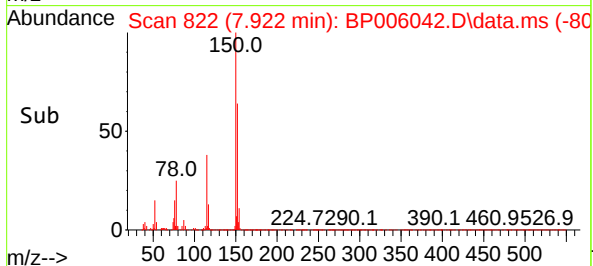
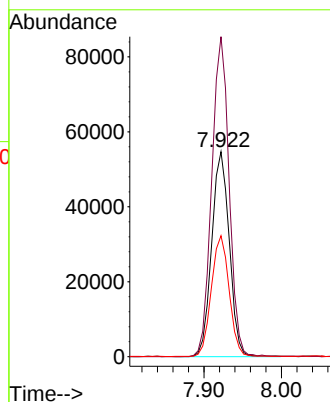
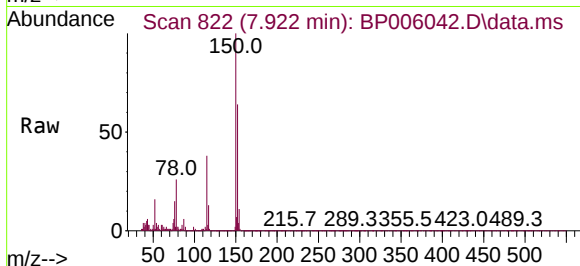




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

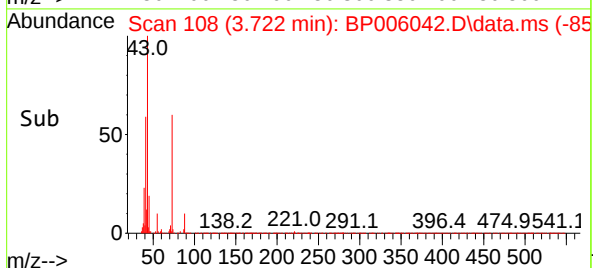
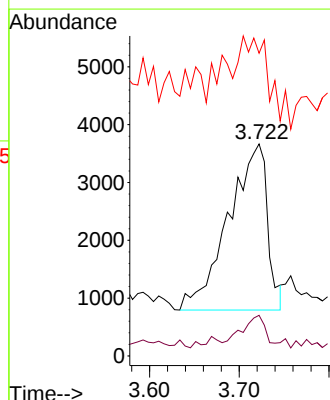
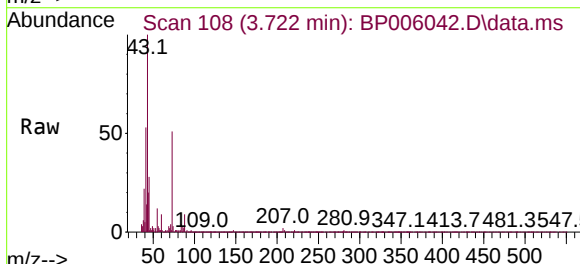
Instrument :
BNA_P
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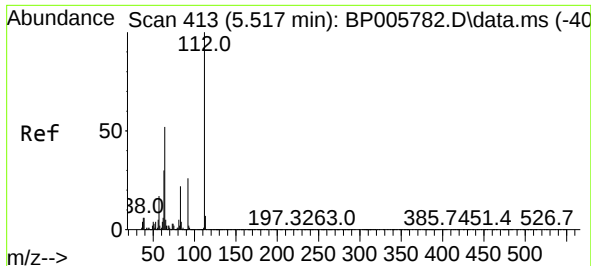
Tgt Ion:152 Resp: 86051
Ion Ratio Lower Upper
152 100
150 156.2 125.6 188.4
115 59.0 48.5 72.7



#4
n-Nitrosodimethylamine
Concen: 3.29 ng
RT: 3.722 min Scan# 108
Delta R.T. 0.035 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

Tgt Ion: 42 Resp: 8703
Ion Ratio Lower Upper
42 100
74 19.2 105.4 158.0#
44 142.8 4.2 6.4#

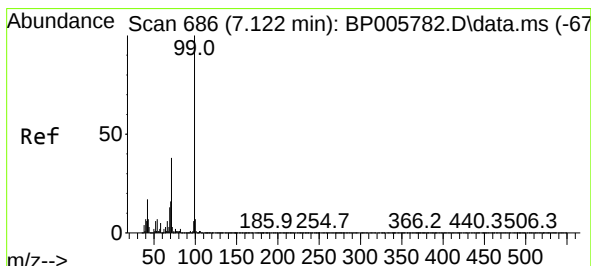
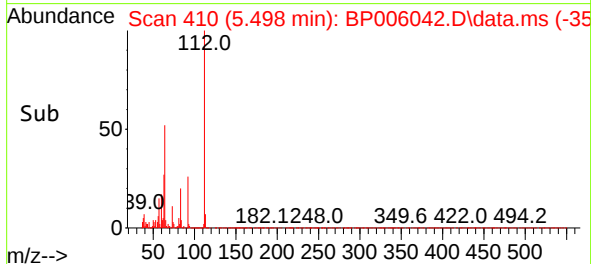
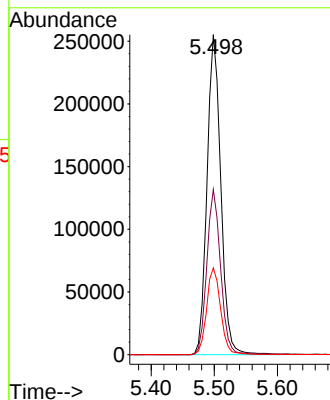
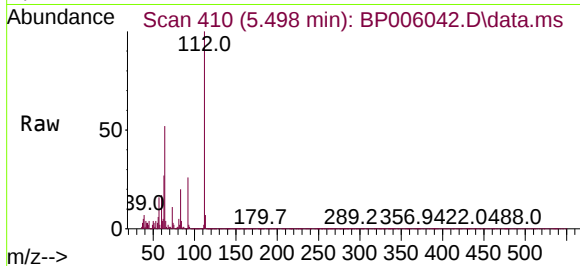




#5
2-Fluorophenol
Concen: 72.08 ng
RT: 5.498 min Scan# 410
Delta R.T. 0.011 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

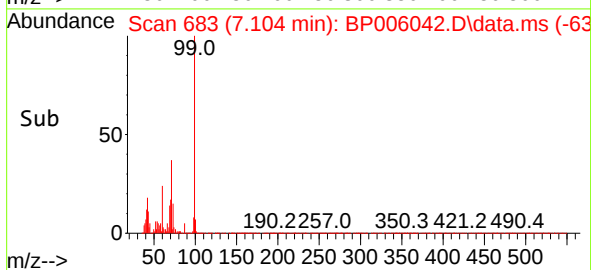
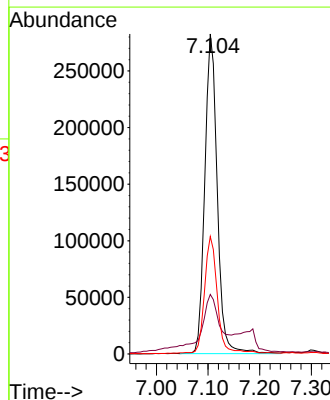
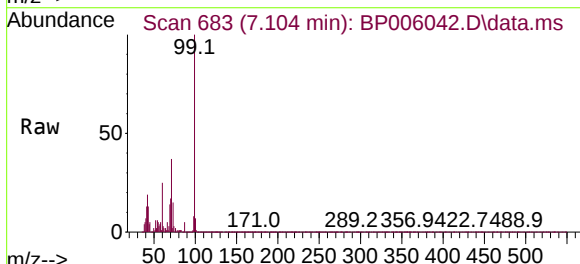
Instrument :
BNA_P
ClientSampleId :
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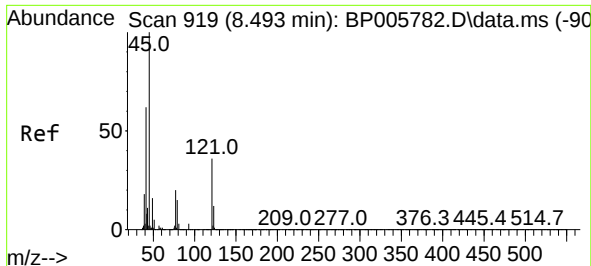
Tgt Ion:112 Resp: 386545
Ion Ratio Lower Upper
112 100
64 51.6 41.4 62.2
63 27.1 23.8 35.8



#7
Phenol-d6
Concen: 67.98 ng
RT: 7.104 min Scan# 683
Delta R.T. 0.011 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

Tgt Ion: 99 Resp: 472512
Ion Ratio Lower Upper
99 100
42 18.6 13.4 20.0
71 36.7 30.6 46.0

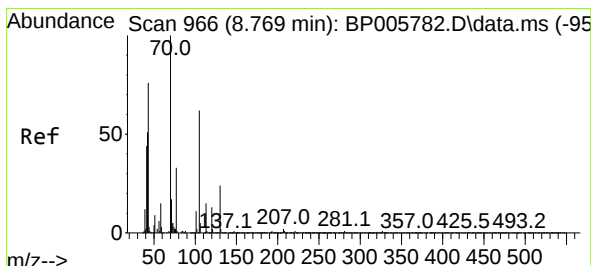
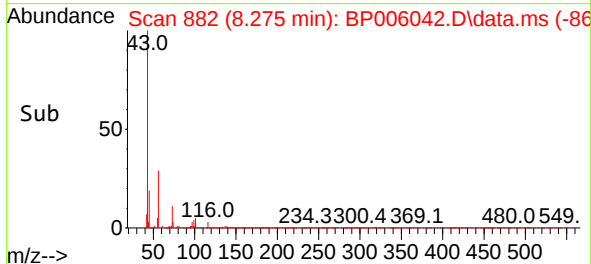
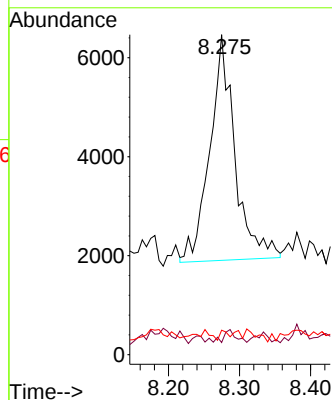
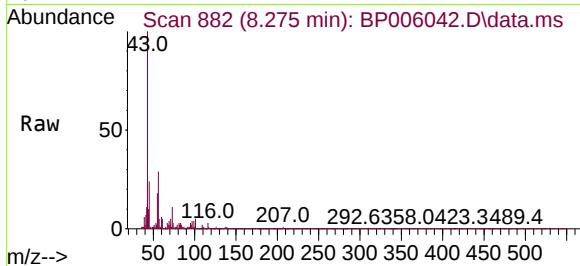




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.30 ng
RT: 8.275 min Scan# 882
Delta R.T. -0.171 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

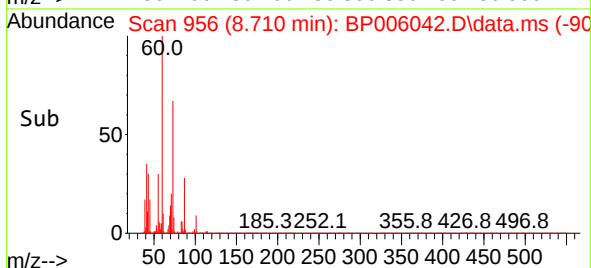
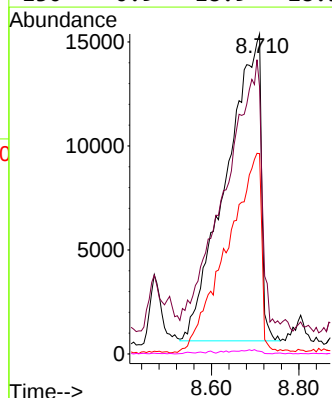
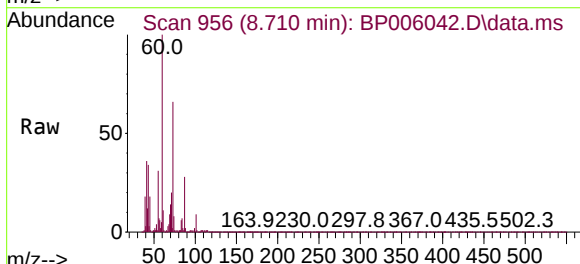
Instrument :
BNA_P
ClientSampleId :
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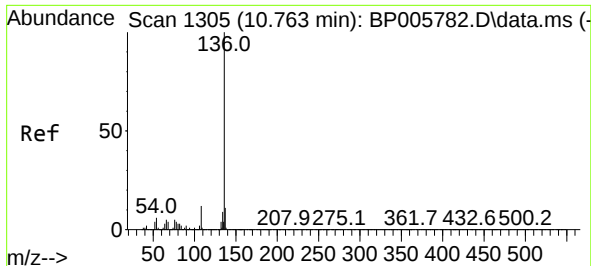
Tgt Ion:	45	Resp:	11186
Ion	Ratio	Lower	Upper
45	100		
77	3.8	2.0	42.0
79	7.6	0.0	36.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.11 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.024 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

Tgt Ion:	70	Resp:	81734
Ion	Ratio	Lower	Upper
70	100		
42	83.4	40.8	61.2#
101	62.6	8.8	13.2#
130	0.9	18.9	28.3#

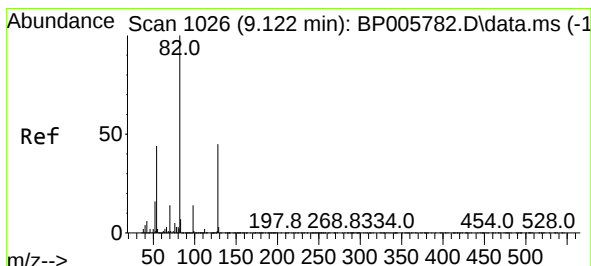
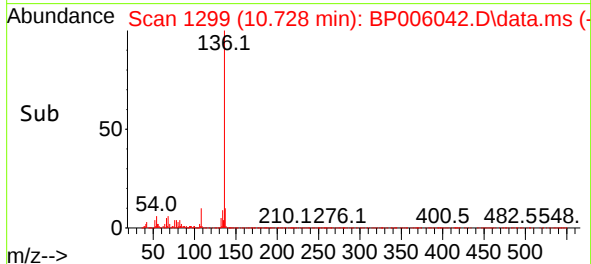
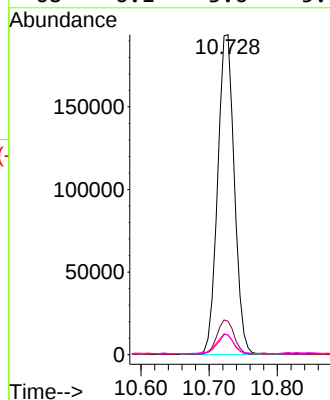
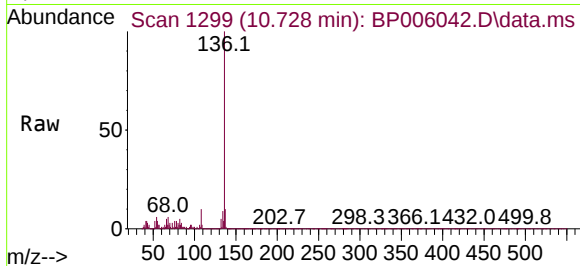




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.728 min Scan# 1299
Delta R.T. 0.005 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

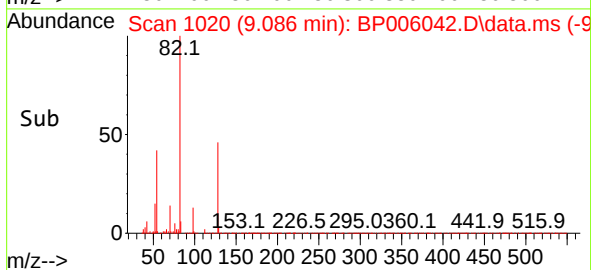
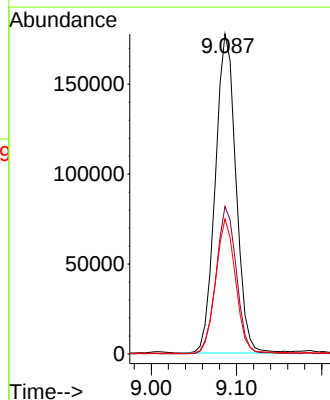
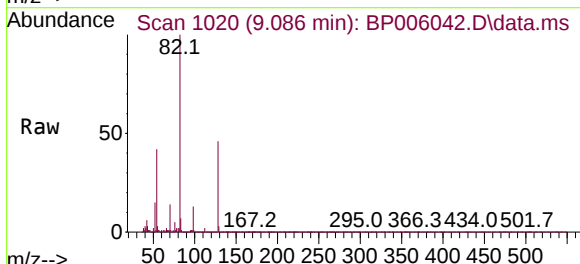
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ClientSampleId :
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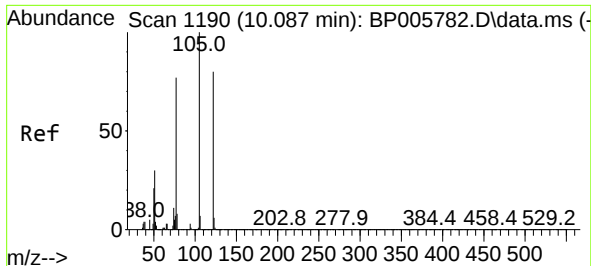
Tgt Ion:	136	Resp:	330421
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	12.8
54	6.2	4.6	6.8
68	6.1	3.6	5.4



#23
Nitrobenzene-d5
Concen: 44.34 ng
RT: 9.086 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

Tgt Ion:	82	Resp:	298807
Ion Ratio	Lower	Upper	
82	100		
128	46.1	35.7	53.5
54	42.1	35.0	52.4

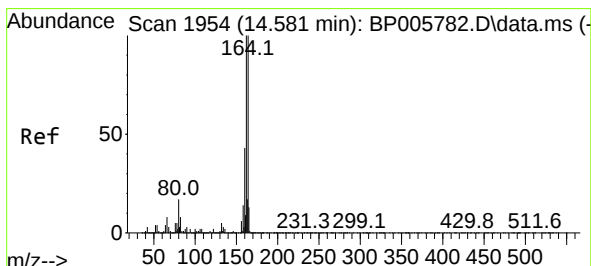
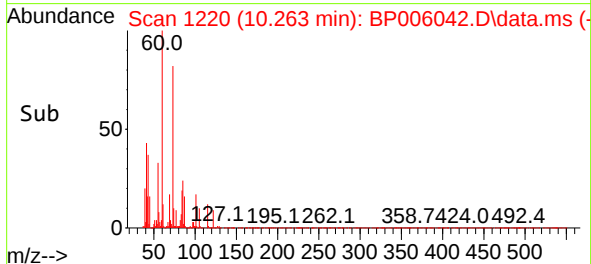
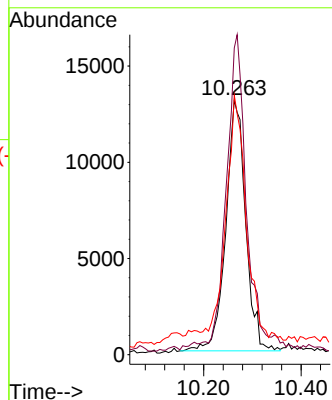
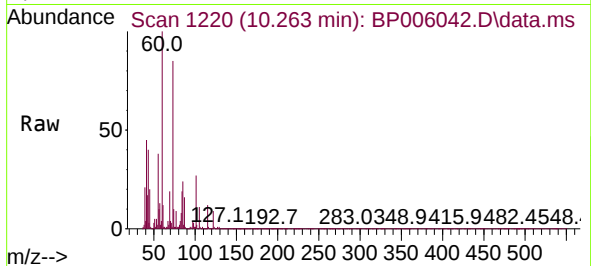




#32
Benzoic acid
Concen: 14.91 ng
RT: 10.263 min Scan# 1220
Delta R.T. 0.188 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

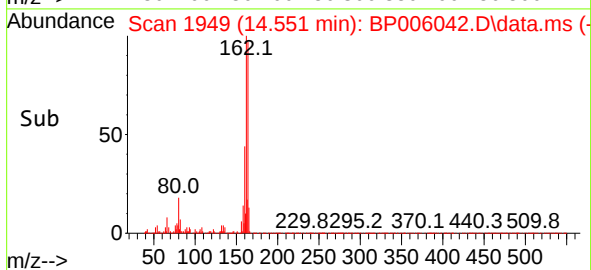
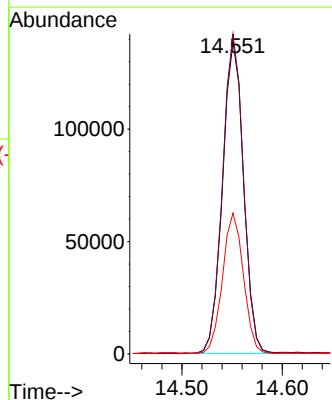
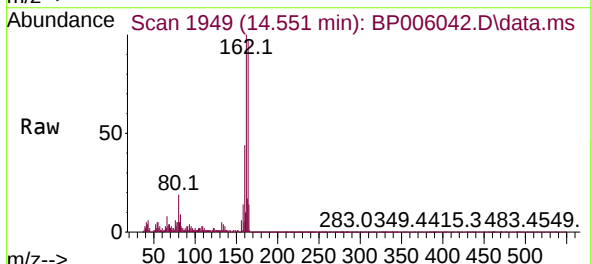
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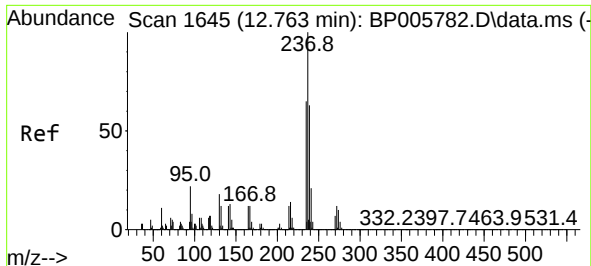
Tgt Ion:122 Resp: 36875
Ion Ratio Lower Upper
122 100
105 120.6 103.2 143.2
77 102.0 76.2 116.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.001 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

Tgt Ion:164 Resp: 202066
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 45.1 34.5 51.7

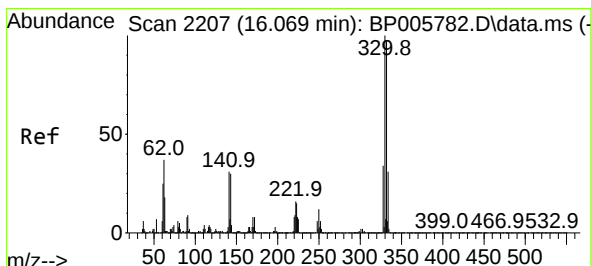
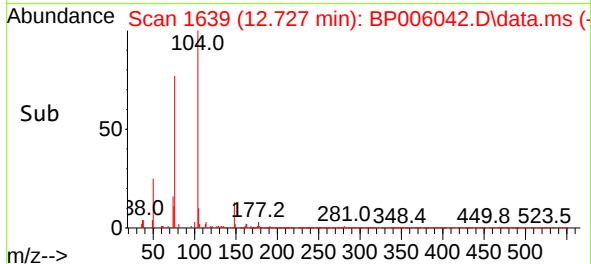
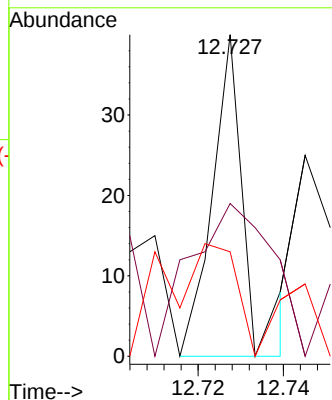
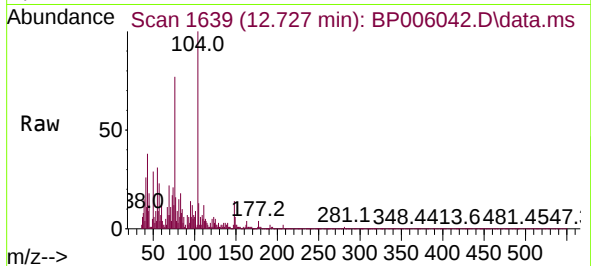




#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.727 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

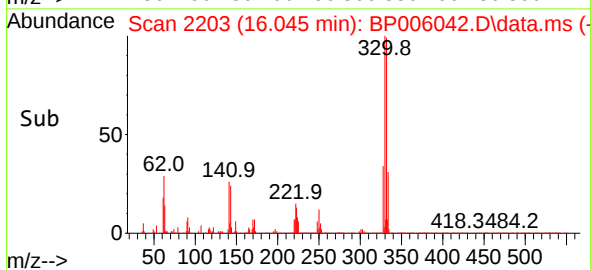
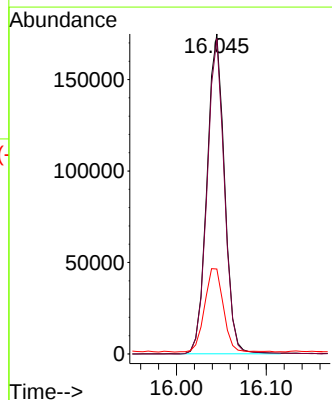
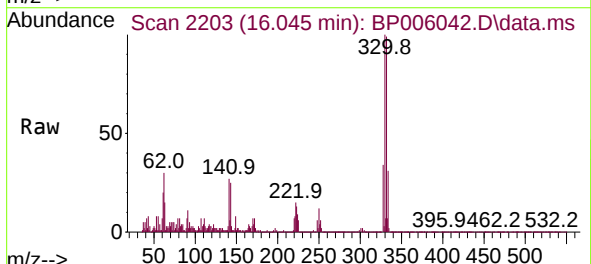
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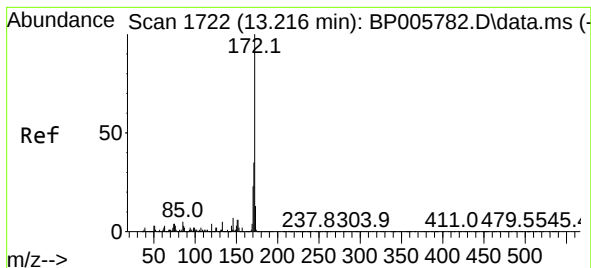
Tgt Ion:237	Resp:	21
Ion Ratio	Lower	Upper
237	100	
235	65.0	44.5 84.5
272	32.5	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 68.44 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.005 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

Tgt Ion:330	Resp:	237311
Ion Ratio	Lower	Upper
330	100	
332	97.5	77.8 116.8
141	28.2	25.4 38.2

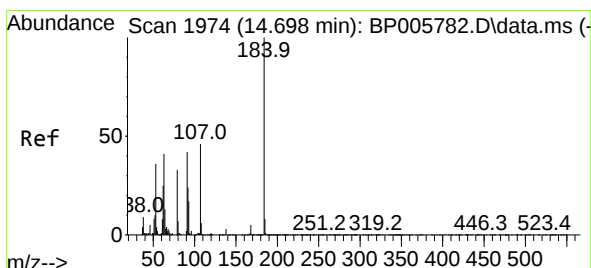
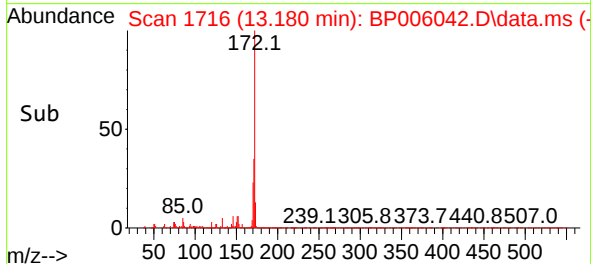
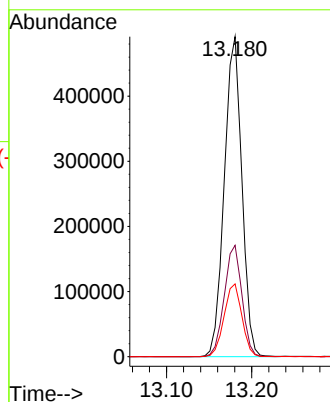
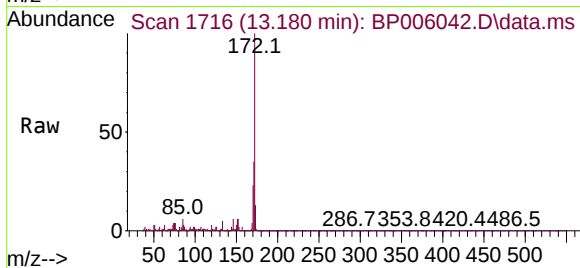




#45
2-Fluorobiphenyl
Concen: 45.71 ng
RT: 13.180 min Scan# 1716
Delta R.T. 0.005 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

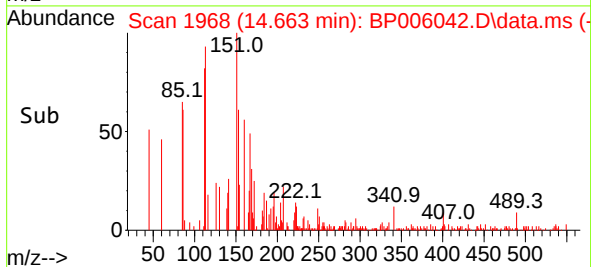
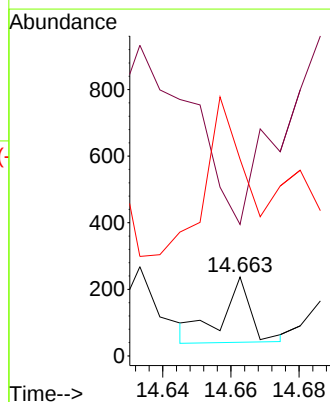
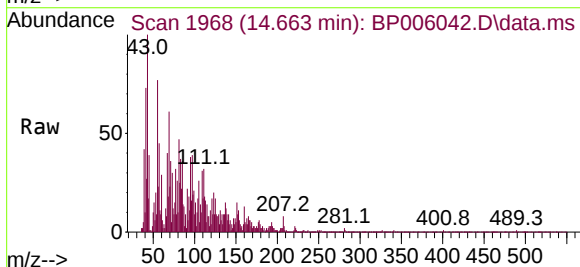
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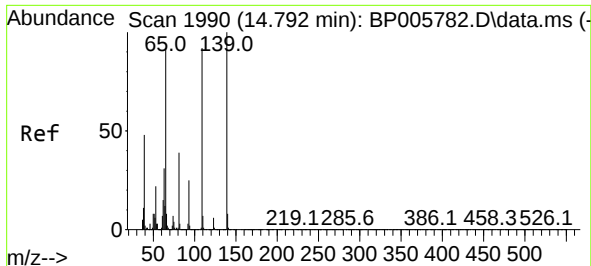
Tgt Ion:172	Resp:	703438
Ion Ratio	Lower	Upper
172	100	
171	34.8	27.9 41.9
170	22.7	18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.90 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

Tgt Ion:184	Resp:	117
Ion Ratio	Lower	Upper
184	100	
63	166.7	47.0 70.6#
154	249.4	52.3 78.5#

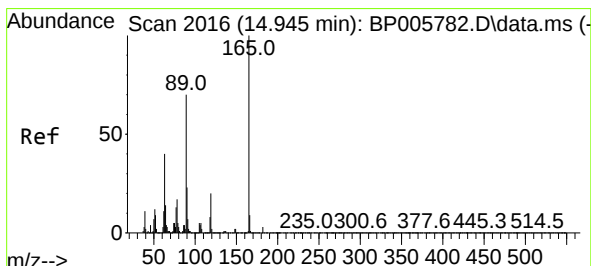
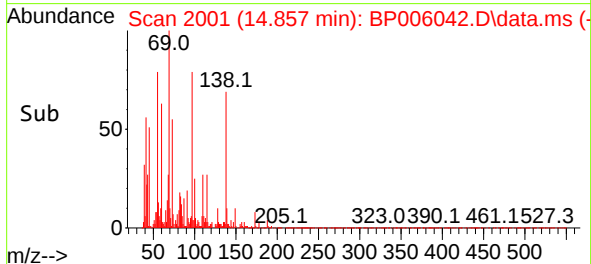
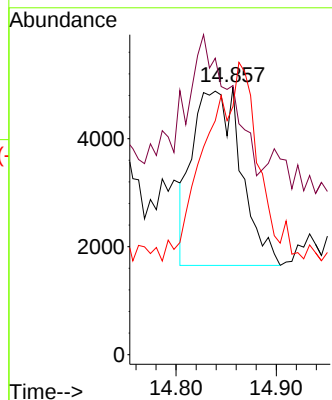
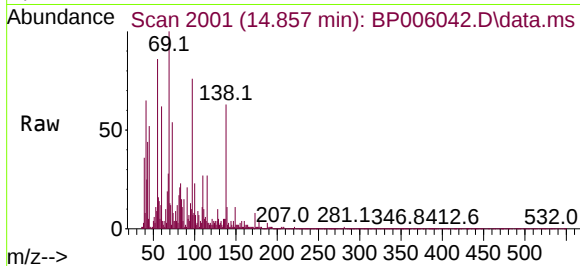




#56
4-Nitrophenol
Concen: 3.69 ng
RT: 14.857 min Scan# 2001
Delta R.T. 0.070 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

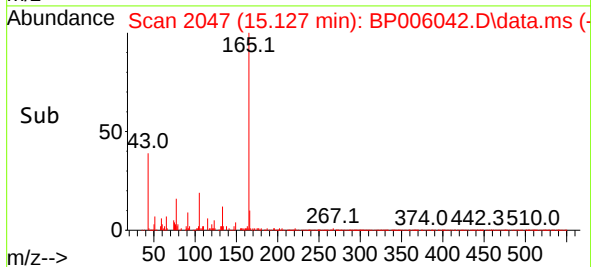
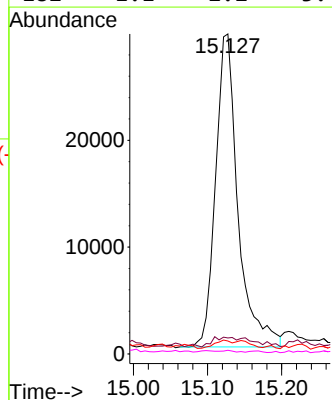
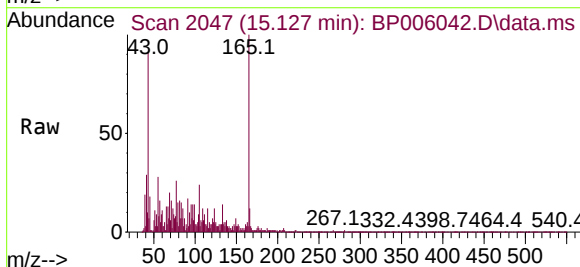
Instrument :
BNA_P
ClientSampleId :
1ST-WALLS

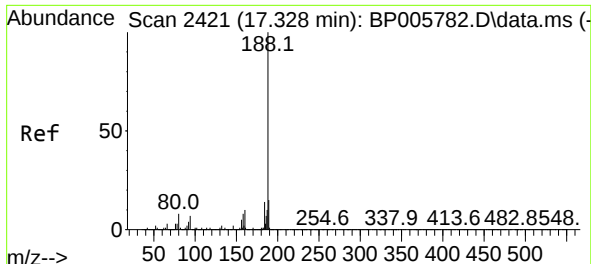
Tgt Ion:139 Resp: 10939
Ion Ratio Lower Upper
139 100
109 100.6 72.3 112.3
65 92.8 72.5 112.5



#57
2,4-Dinitrotoluene
Concen: 12.16 ng
RT: 15.127 min Scan# 2047
Delta R.T. 0.205 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

Tgt Ion:165 Resp: 61402
Ion Ratio Lower Upper
165 100
63 5.0 32.3 48.5#
89 4.0 55.9 83.9#
182 1.1 2.2 3.4#

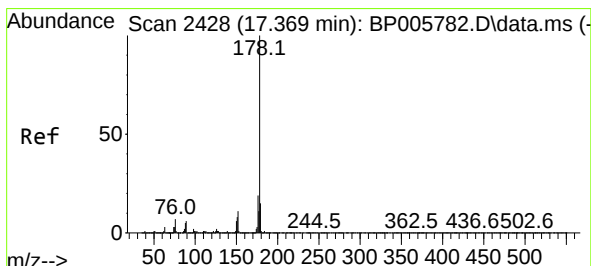
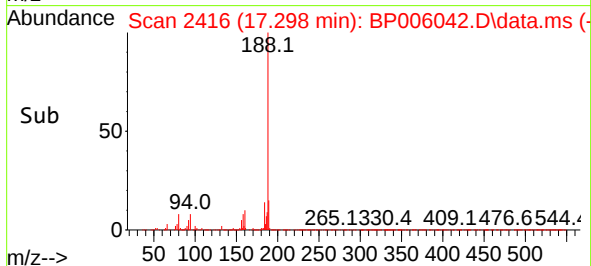
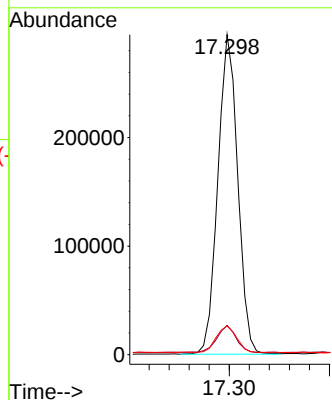
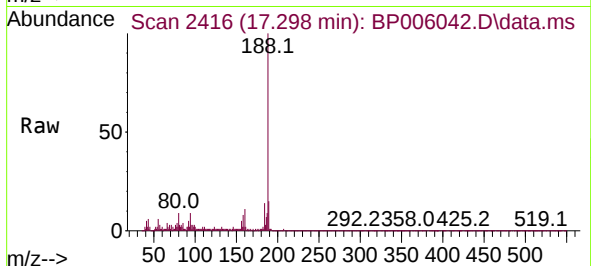




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.298 min Scan# 2416
Delta R.T. 0.005 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

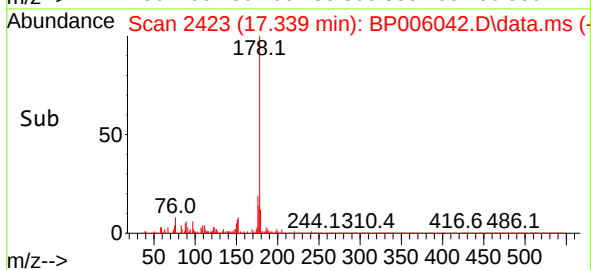
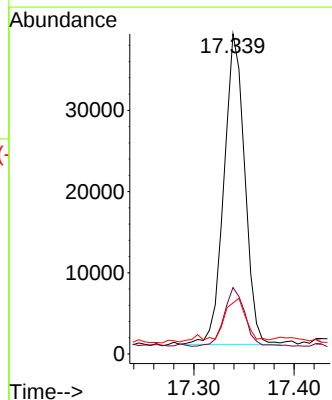
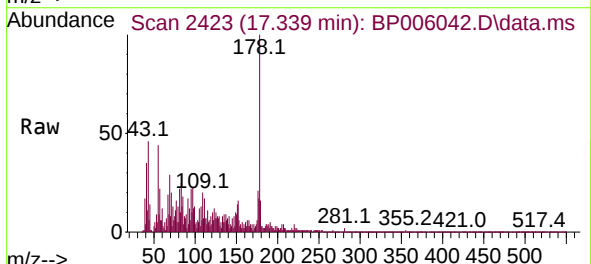
Instrument :
BNA_P
ClientSampleId :
1ST-WALLS

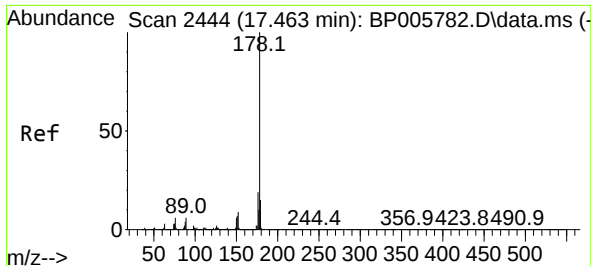
Tgt Ion:188 Resp: 404924
Ion Ratio Lower Upper
188 100
94 9.2 5.6 8.4#
80 9.0 6.3 9.5



#71
Phenanthrene
Concen: 2.26 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.001 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

Tgt Ion:178 Resp: 54885
Ion Ratio Lower Upper
178 100
176 20.7 15.1 22.7
179 15.9 12.4 18.6

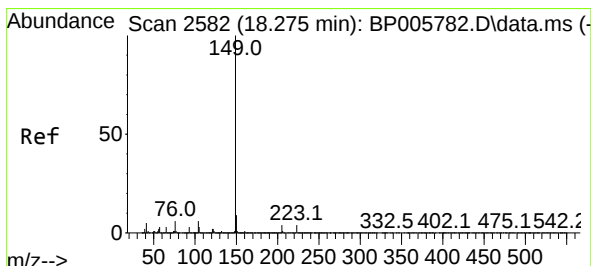
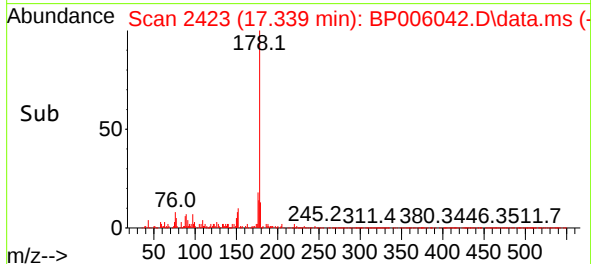
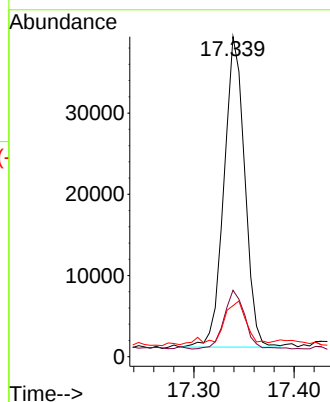
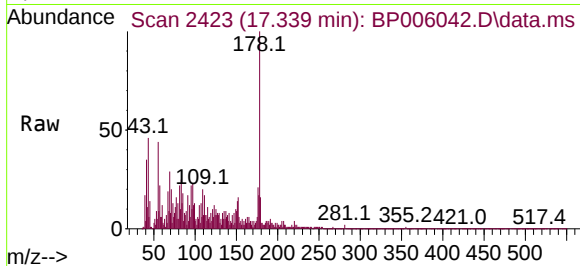




#72
 Anthracene
 Concen: 2.29 ng
 RT: 17.339 min Scan# 2423
 Delta R.T. -0.095 min
 Lab File: BP006042.D
 Acq: 23 Jun 2021 19:18

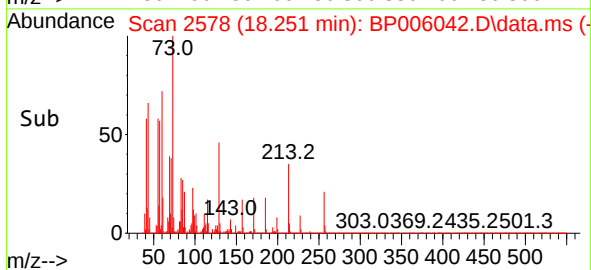
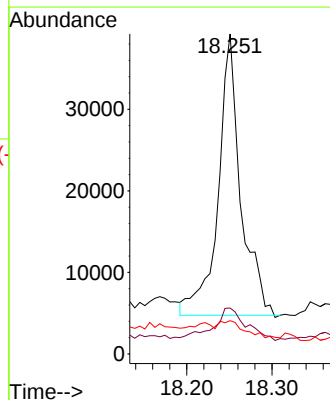
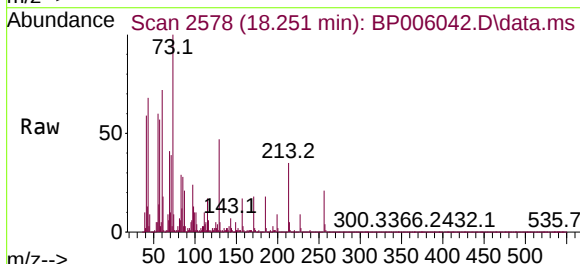
Instrument :
 BNA_P
 ClientSampleId :
 1ST-WALLS

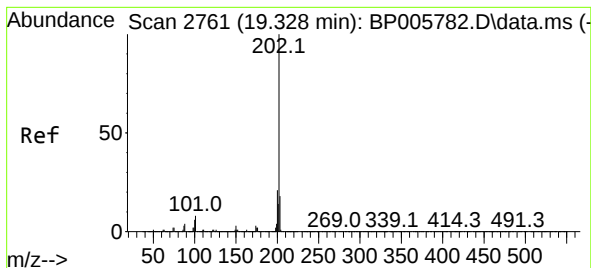
Tgt Ion:	178	Resp:	54885
Ion Ratio	Lower	Upper	
178	100		
176	20.7	14.9	22.3
179	15.9	12.2	18.2



#74
 Di-n-butylphthalate
 Concen: 2.37 ng
 RT: 18.251 min Scan# 2578
 Delta R.T. 0.005 min
 Lab File: BP006042.D
 Acq: 23 Jun 2021 19:18

Tgt Ion:	149	Resp:	63181
Ion Ratio	Lower	Upper	
149	100		
150	14.3	7.3	10.9#
104	10.4	4.5	6.7#

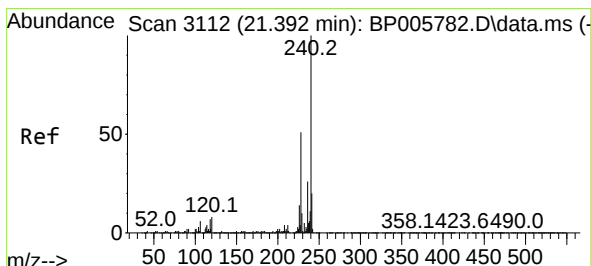
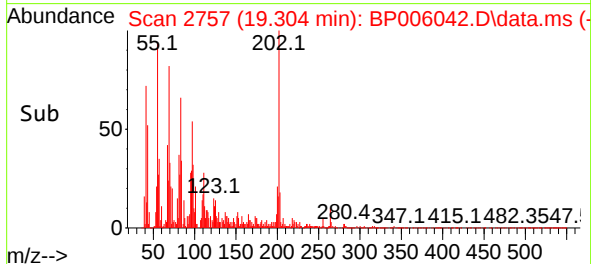
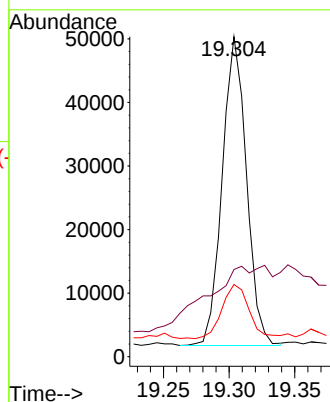
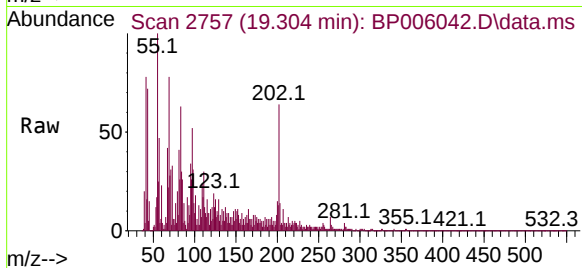




#75
Fluoranthene
Concen: 2.11 ng
RT: 19.304 min Scan# 2757
Delta R.T. 0.005 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

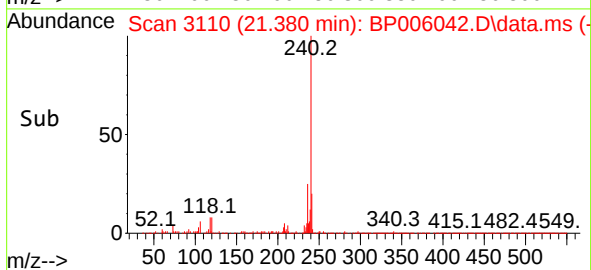
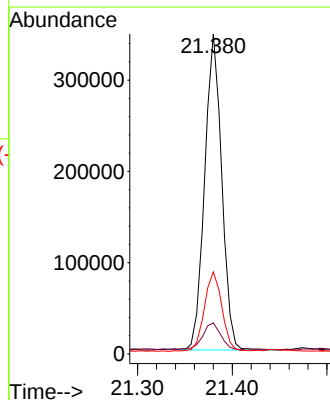
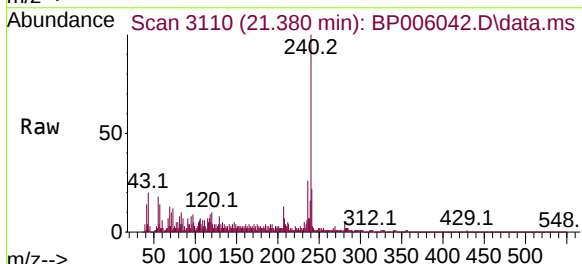
Instrument :
BNA_P
ClientSampleId :
1ST-WALLS

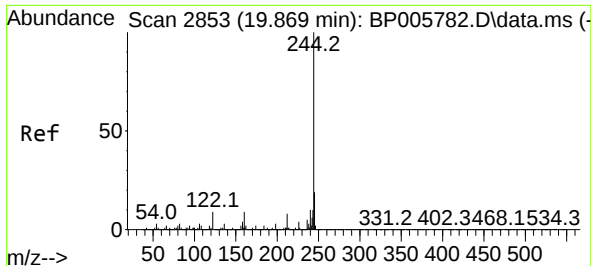
Tgt Ion:	202	Resp:	62397
Ion Ratio	Lower	Upper	
202	100		
101	27.3	0.0	27.6
203	22.5	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.011 min
Lab File: BP006042.D
Acq: 23 Jun 2021 19:18

Tgt Ion:	240	Resp:	432910
Ion Ratio	Lower	Upper	
240	100		
120	9.7	6.5	9.7
236	25.7	20.6	31.0

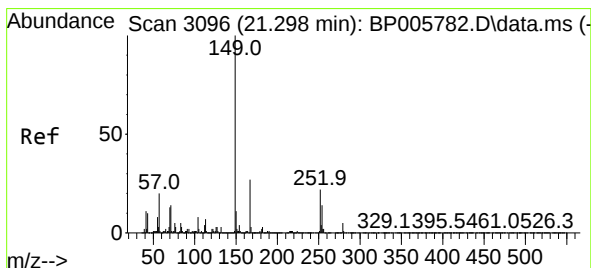
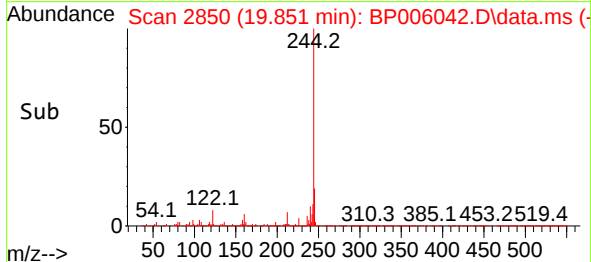
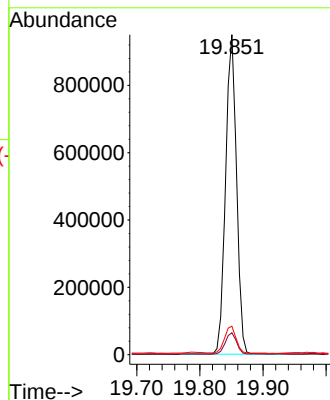
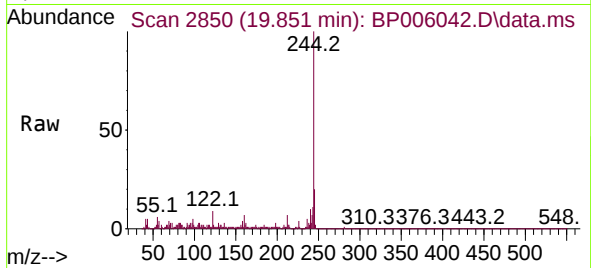




#79
 Terphenyl-d14
 Concen: 49.40 ng
 RT: 19.851 min Scan# 2850
 Delta R.T. 0.005 min
 Lab File: BP006042.D
 Acq: 23 Jun 2021 19:18

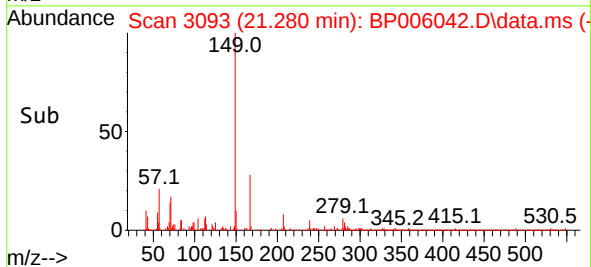
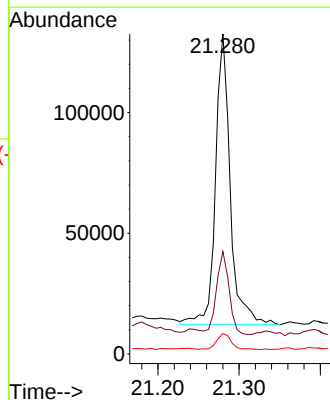
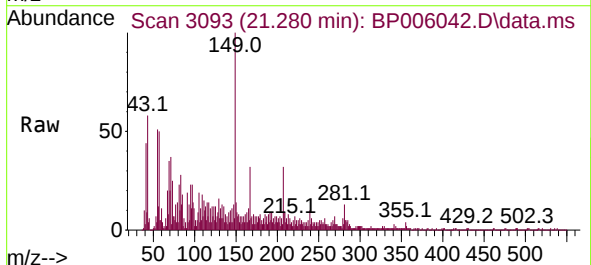
Instrument :
 BNA_P
 ClientSampleId :
 1ST-WALLS

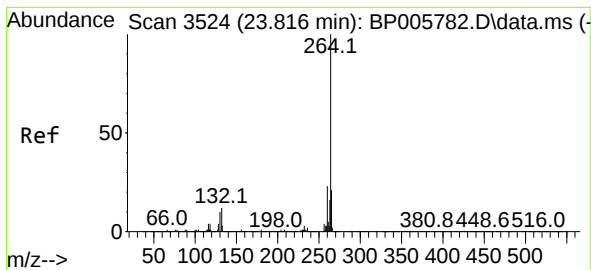
Tgt Ion:244 Resp: 1142151
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.9 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.35 ng
 RT: 21.280 min Scan# 3093
 Delta R.T. 0.005 min
 Lab File: BP006042.D
 Acq: 23 Jun 2021 19:18

Tgt Ion:149 Resp: 152270
 Ion Ratio Lower Upper
 149 100
 167 32.0 21.9 32.9
 279 6.4 4.3 6.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.797 min Scan# 3521
 Delta R.T. 0.023 min
 Lab File: BP006042.D
 Acq: 23 Jun 2021 19:18

Instrument :
 BNA_P
 ClientSampleId :
 1ST-WALLS

Tgt Ion:	264	Resp:	492470
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	23.3	17.6	26.4

