

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006111.D
 Acq On : 30 Jun 2021 17:05
 Operator : CG/JU
 Sample : M2875-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-6

Quant Time: Jun 30 17:37:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 16:39:37 2021
 Response via : Initial Calibration

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

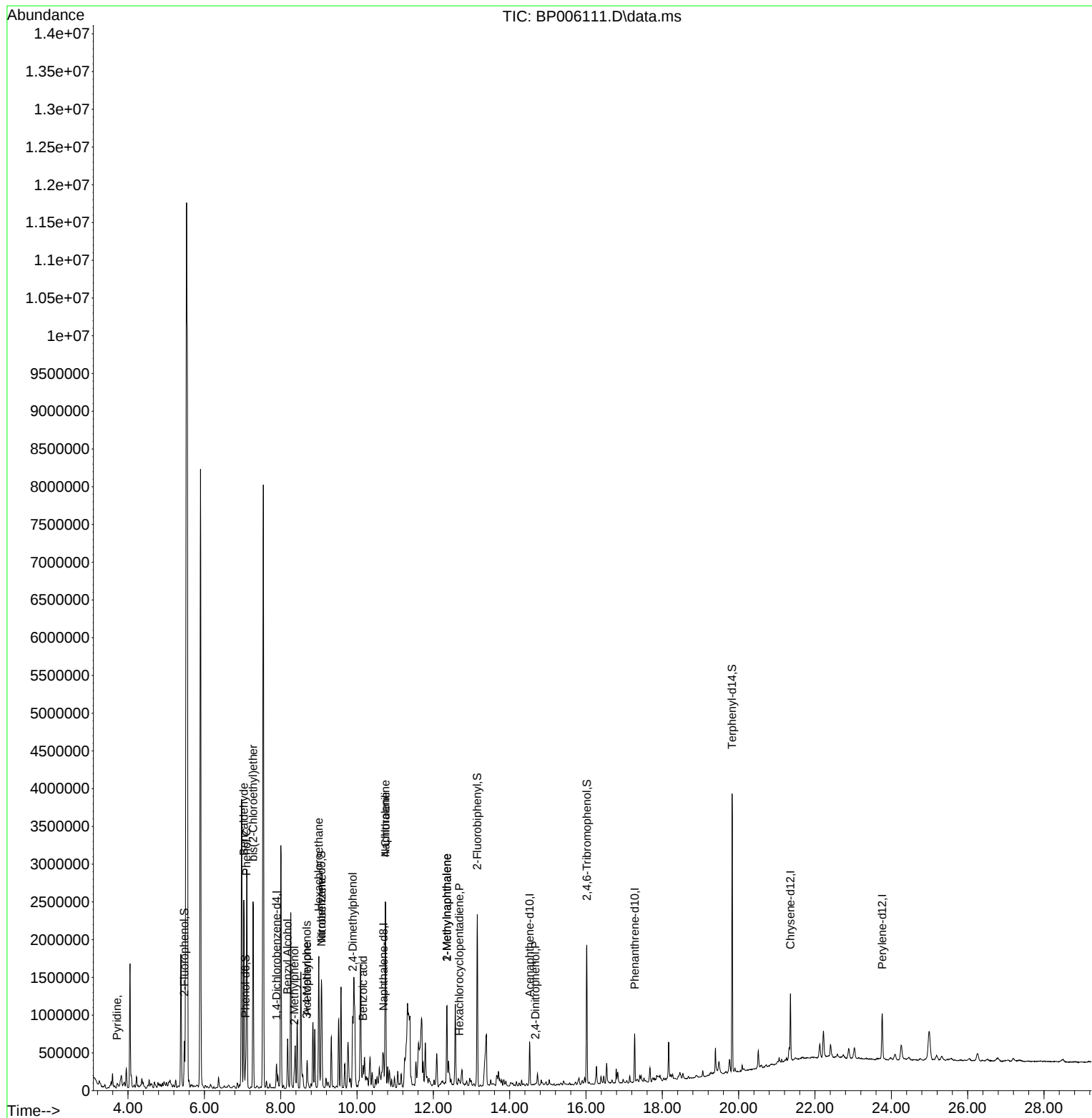
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	81265	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	308600	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	191173	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	386523	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	409461	20.000	ng	0.00
86) Perylene-d12	23.762	264	461801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	262685	51.869	ng	0.00
7) Phenol-d6	7.081	99	186835	28.463	ng	0.00
23) Nitrobenzene-d5	9.063	82	500940	79.584	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	401880	122.499	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	1147595	78.826	ng	0.00
79) Terphenyl-d14	19.827	244	1714894	78.423	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.711	79	25552	4.752	ng	# 47
9) Benzaldehyde	7.034	77	179999	64.324	ng	# 1
10) Phenol	7.104	94	62855	9.585	ng	# 19
11) bis(2-Chloroethyl)ether	7.281	93	10043	2.021	ng	# 1
15) Benzyl Alcohol	8.181	79	24265	4.908	ng	# 46
17) 2-Methylphenol	8.357	107	68195	15.263	ng	98
18) Hexachloroethane	8.999	117	202721	84.638	ng	# 1
20) 3+4-Methylphenols	8.687	107	22559	3.738	ng	# 6
22) Acetophenone	8.693	105	252315	31.063	ng	# 59
24) Nitrobenzene	9.075	77	33628	5.145	ng	# 9
27) 2,4-Dimethylphenol	9.887	122	245037	52.740	ng	98
31) Naphthalene	10.745	128	1808233	101.271	ng	100
32) Benzoic acid	10.157	122	34412	14.903	ng	93
33) 4-Chloroaniline	10.745	127	246492	34.172	ng	# 37
37) 2-Methylnaphthalene	12.357	142	506705	39.858	ng	98
38) 1-Methylnaphthalene	12.357	142	506587	42.305	ng	100
41) Hexachlorocyclopentadiene	12.681	237	40	5.515	ng	82
54) 2,4-Dinitrophenol	14.675	184	103	4.894	ng	# 1

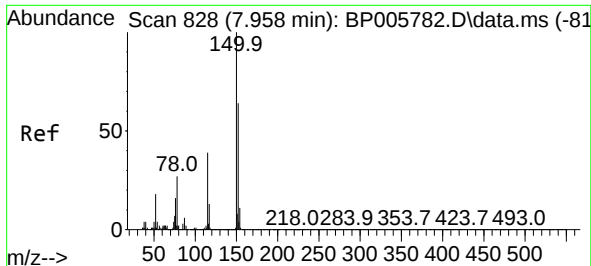
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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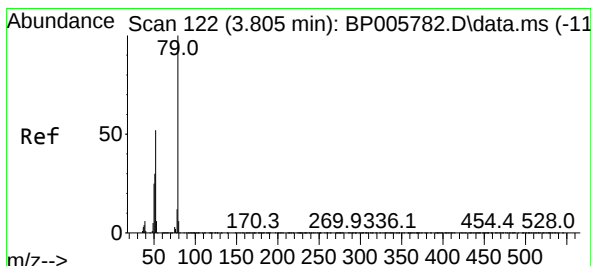
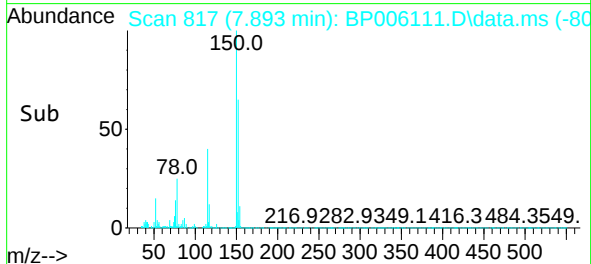
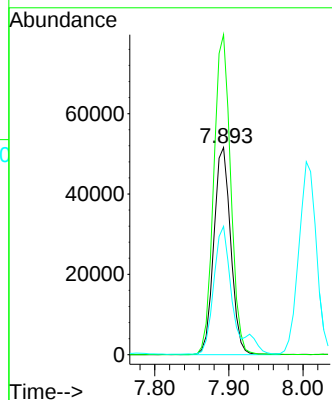
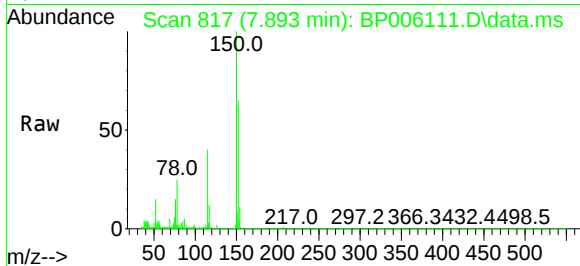




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

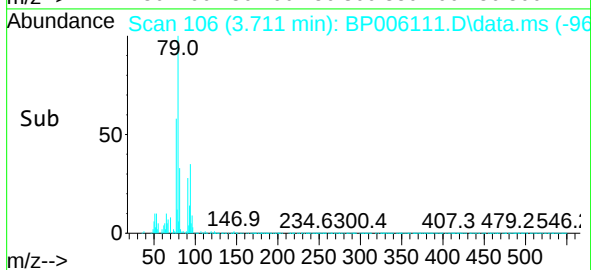
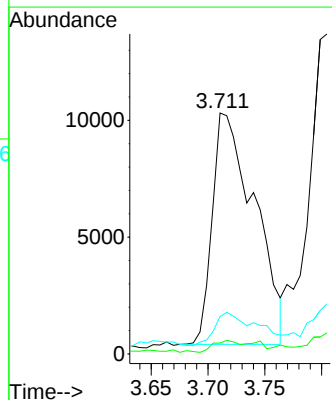
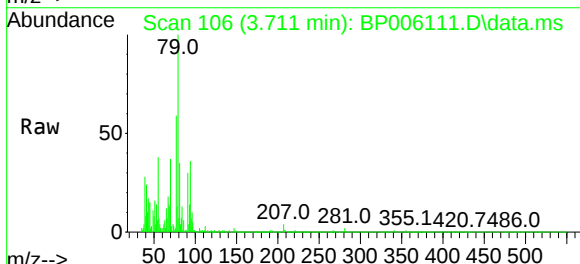
Instrument :
BNA_P
ClientSampleId :
MW-6

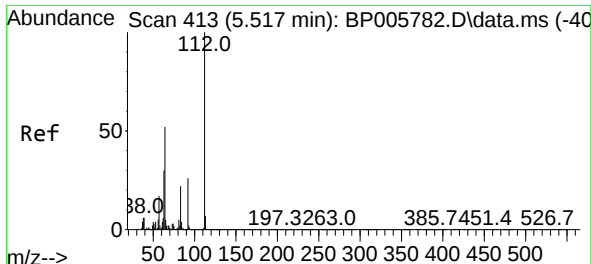
Tgt Ion:152 Resp: 81265
Ion Ratio Lower Upper
152 100
150 154.5 125.6 188.4
115 61.9 48.5 72.7



#3
Pyridine
Concen: 4.752 ng
RT: 3.711 min Scan# 106
Delta R.T. -0.041 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion: 79 Resp: 25552
Ion Ratio Lower Upper
79 100
52 4.5 41.7 62.5#
51 15.6 24.1 36.1#

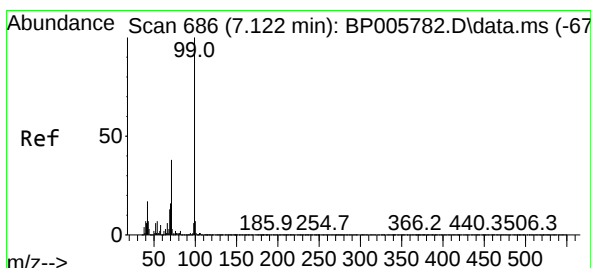
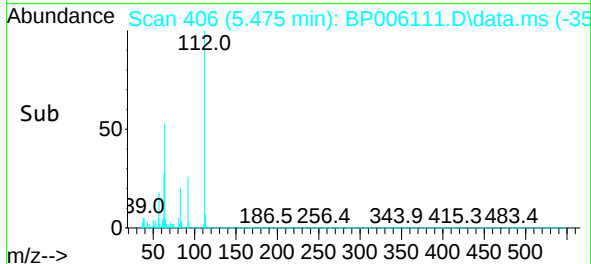
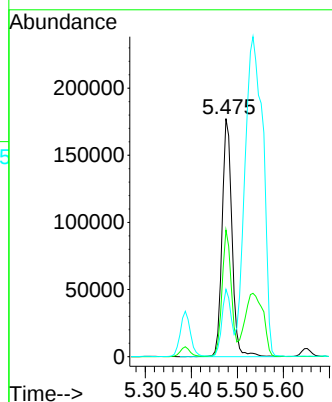
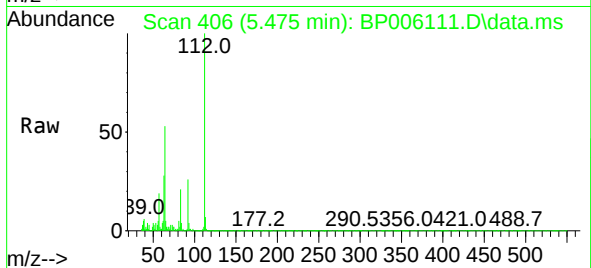




#5
2-Fluorophenol
Concen: 51.869 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.006 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

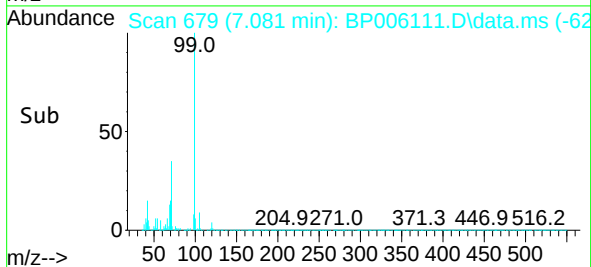
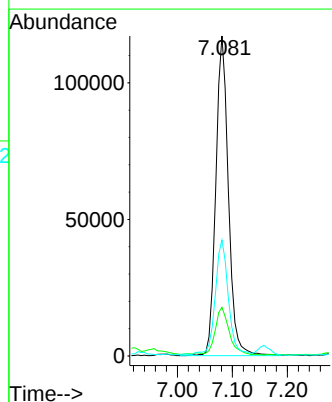
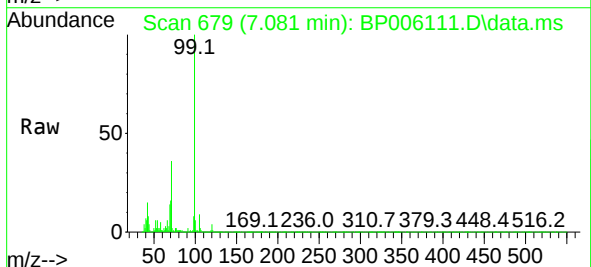
Instrument :
BNA_P
ClientSampleId :
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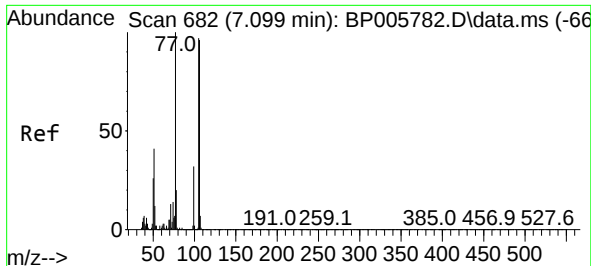
Tgt Ion:112 Resp: 262685
Ion Ratio Lower Upper
112 100
64 53.2 41.4 62.2
63 28.3 23.8 35.8



#7
Phenol-d6
Concen: 28.463 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion: 99 Resp: 186835
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 36.3 30.6 46.0

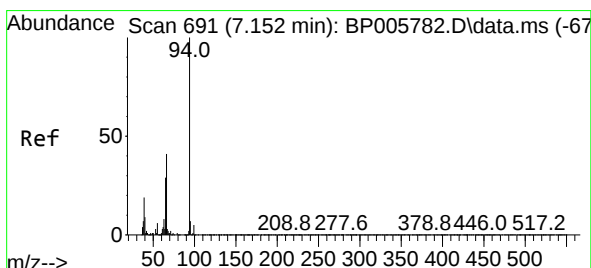
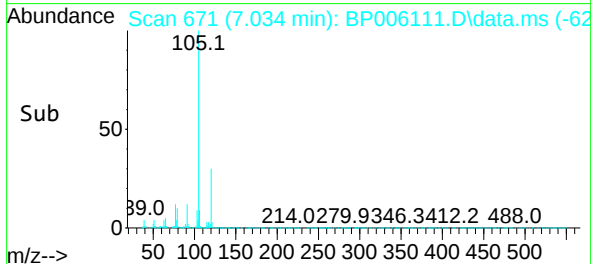
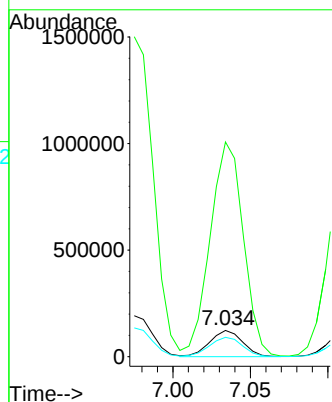
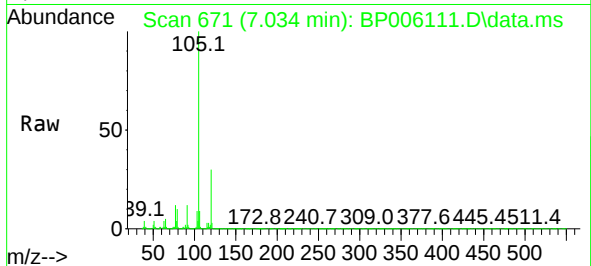




#9
Benzaldehyde
Concen: 64.324 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

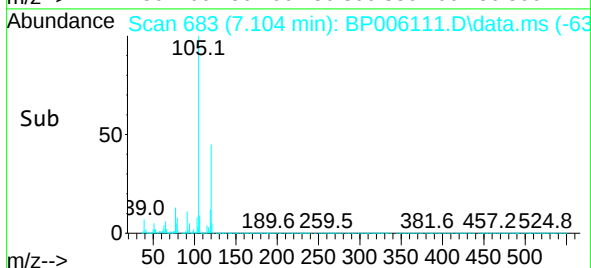
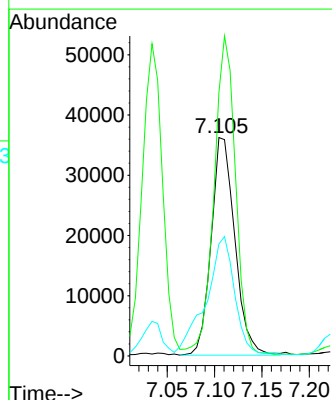
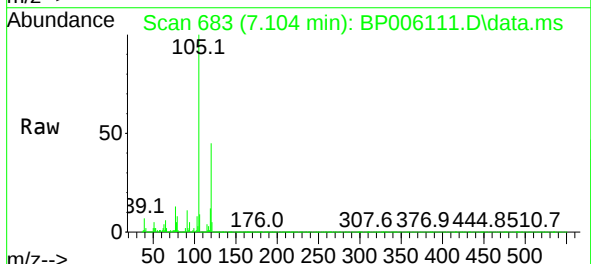
Instrument :
BNA_P
ClientSampleId :
MW-6

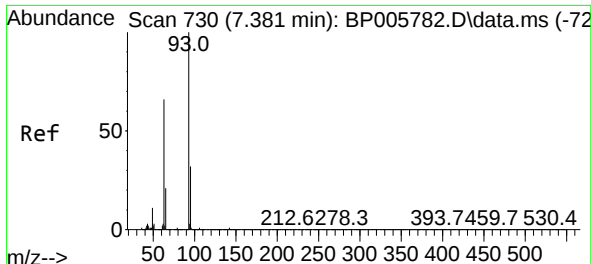
Tgt Ion: 77 Resp: 179999
Ion Ratio Lower Upper
77 100
105 816.9 76.7 116.7#
106 73.7 76.2 116.2#



#10
Phenol
Concen: 9.585 ng
RT: 7.104 min Scan# 683
Delta R.T. 0.006 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion: 94 Resp: 62855
Ion Ratio Lower Upper
94 100
65 120.5 8.8 48.8#
66 51.3 20.7 60.7

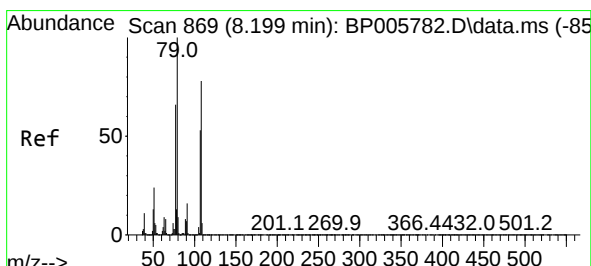
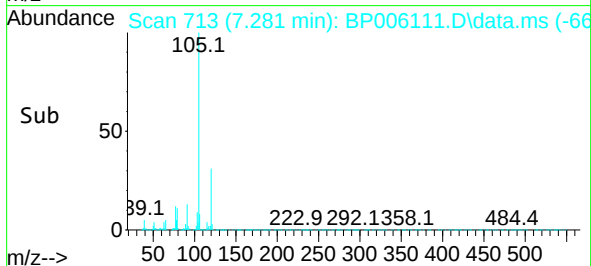
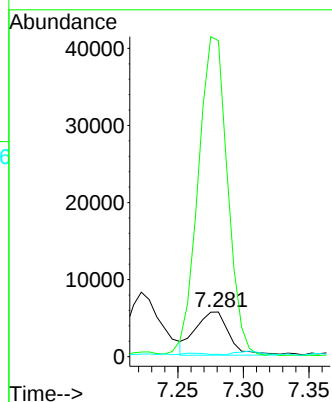
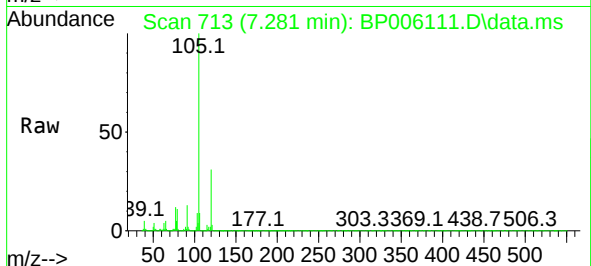




#11
bis(2-Chloroethyl)ether
Concen: 2.021 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.035 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

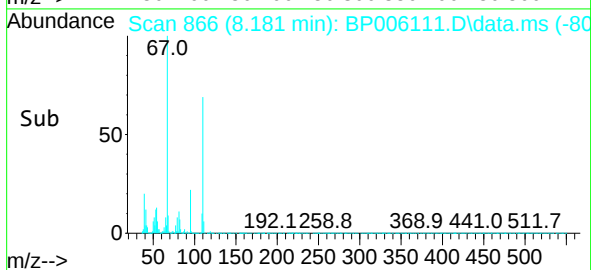
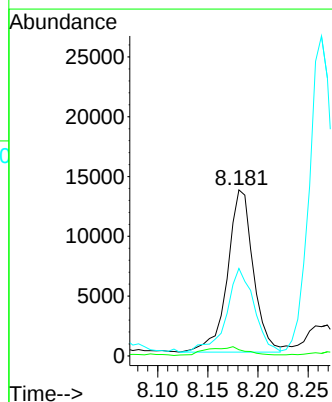
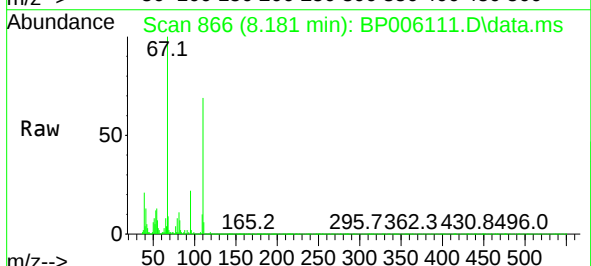
Instrument :
BNA_P
ClientSampleId :
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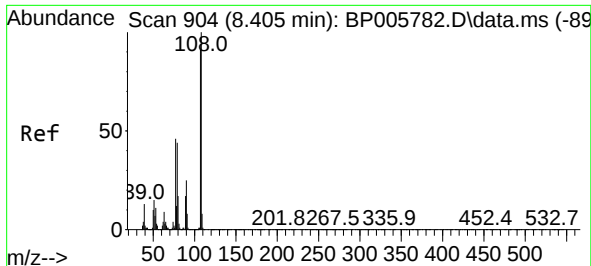
Tgt Ion: 93 Resp: 10043
Ion Ratio Lower Upper
93 100
63 708.5 46.2 86.2#
95 5.4 12.2 52.2#



#15
Benzyl Alcohol
Concen: 4.908 ng
RT: 8.181 min Scan# 866
Delta R.T. 0.035 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion: 79 Resp: 24265
Ion Ratio Lower Upper
79 100
108 3.7 62.5 93.7#
77 52.6 52.9 79.3#

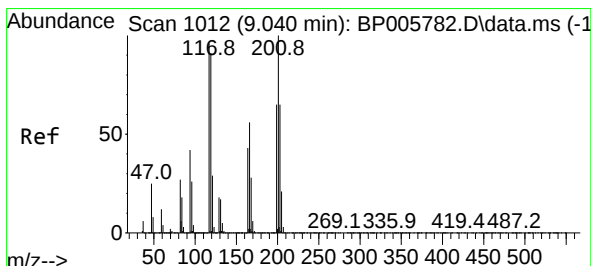
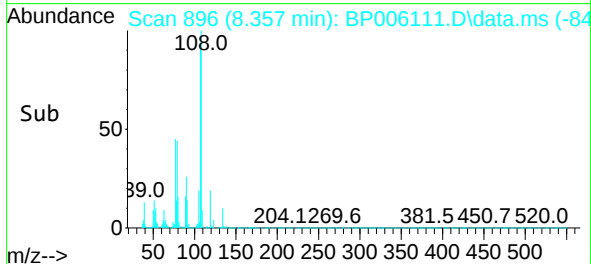
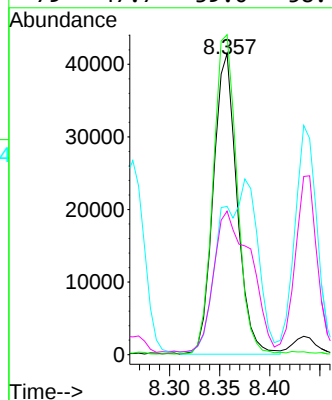
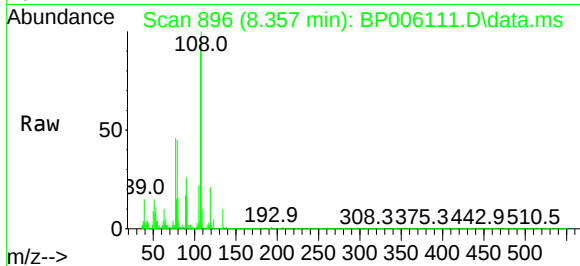




#17
2-Methylphenol
Concen: 15.263 ng
RT: 8.357 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

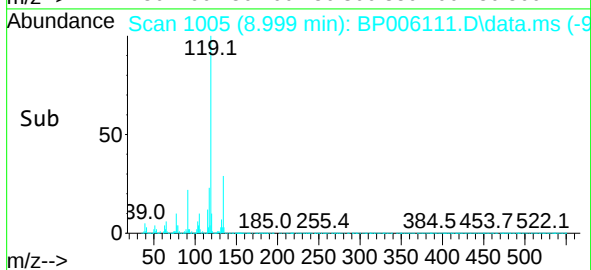
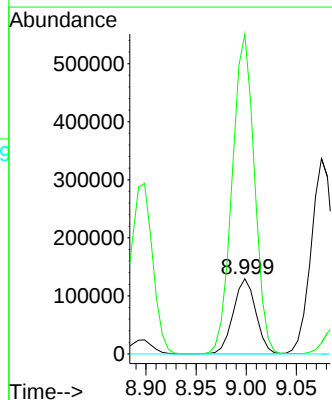
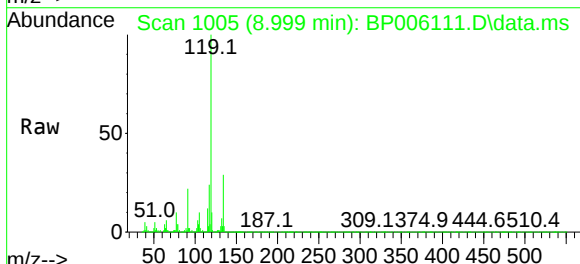
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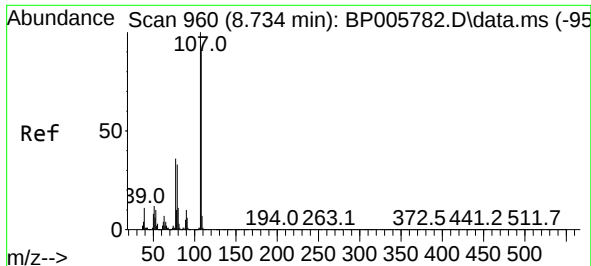
Tgt Ion:	107	Resp:	68195
Ion	Ratio	Lower	Upper
107	100		
108	106.3	87.7	131.5
77	49.3	40.2	60.2
79	47.7	39.0	58.4



#18
Hexachloroethane
Concen: 84.638 ng
RT: 8.999 min Scan# 1005
Delta R.T. 0.035 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion:	117	Resp:	202721
Ion	Ratio	Lower	Upper
117	100		
119	425.5	76.2	114.2#
201	0.0	83.4	125.0#

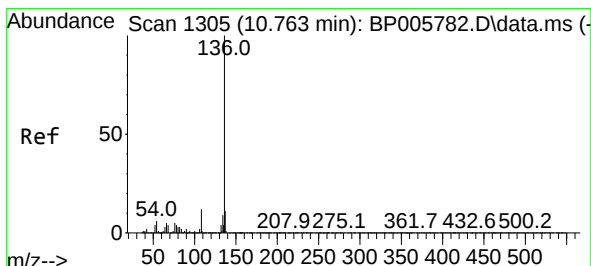
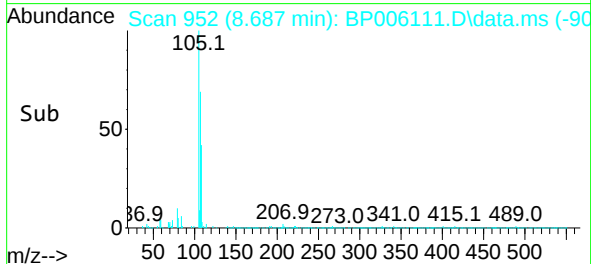
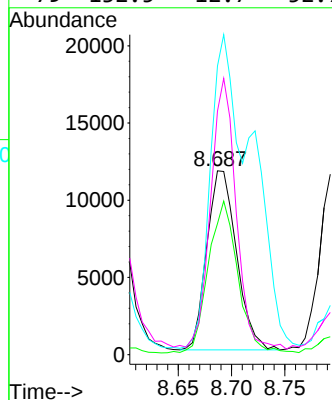
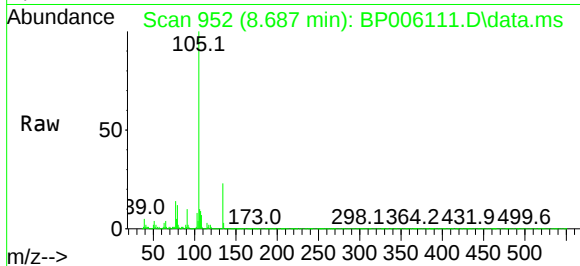




#20
3+4-Methylphenols
Concen: 3.738 ng
RT: 8.687 min Scan# 952
Delta R.T. 0.006 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

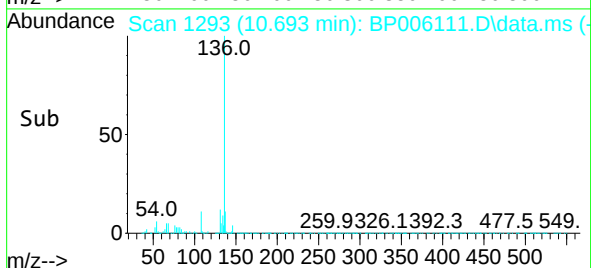
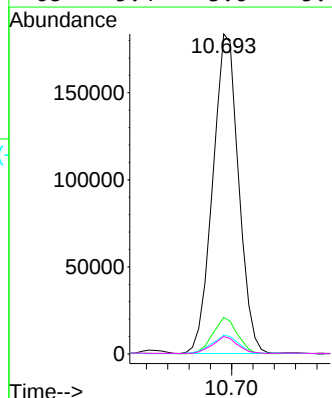
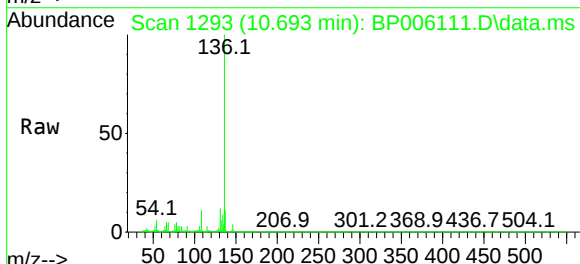
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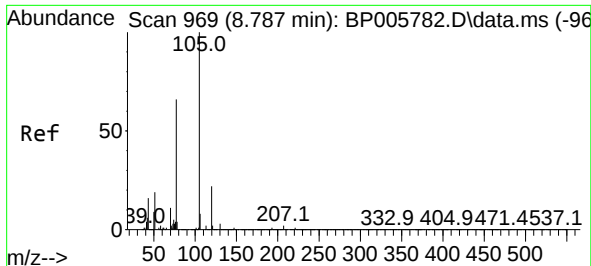
Tgt Ion:	107	Resp:	22559
Ion	Ratio	Lower	Upper
107	100		
108	71.3	71.0	111.0
77	157.0	16.6	56.6#
79	132.5	12.7	52.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion:	136	Resp:	308600
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	5.9	4.6	6.8
68	5.4	3.6	5.4#

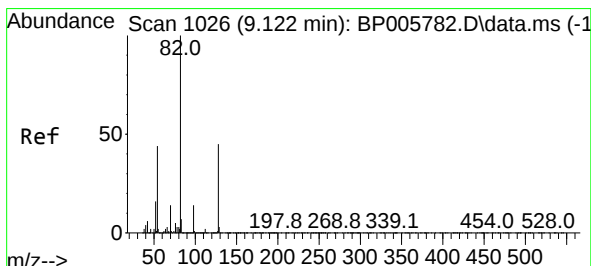
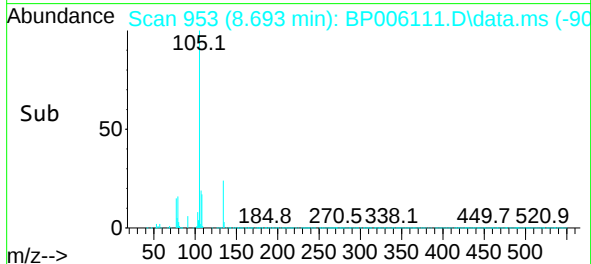
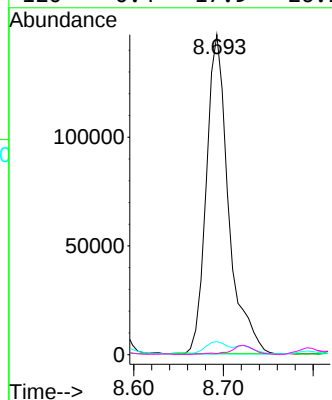
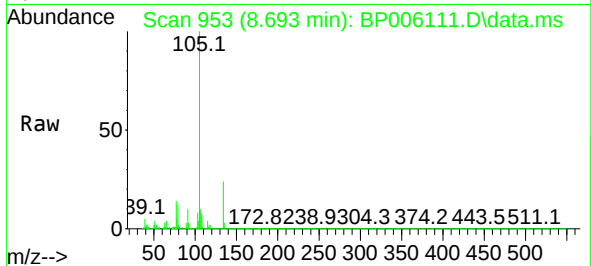




#22
Acetophenone
Concen: 31.063 ng
RT: 8.693 min Scan# 953
Delta R.T. -0.029 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

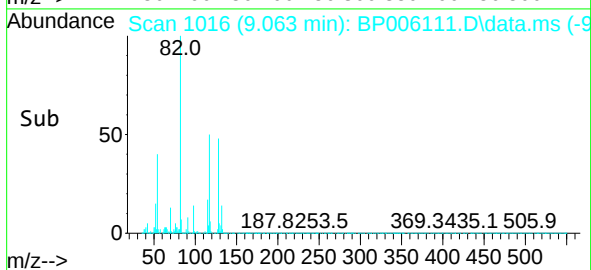
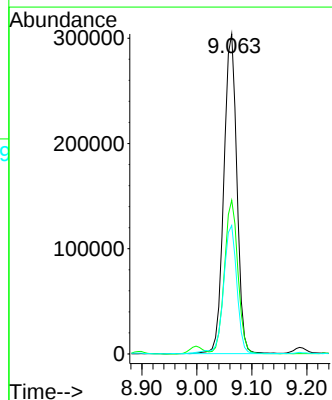
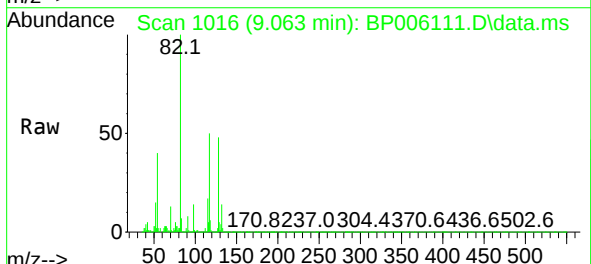
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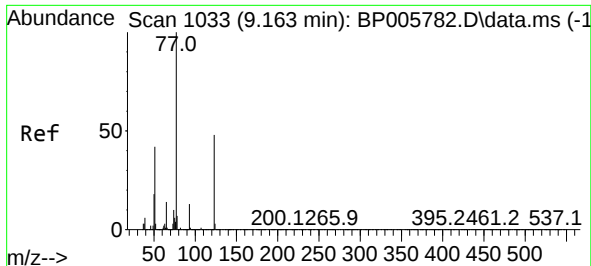
Tgt Ion:	105	Resp:	252315
Ion Ratio	Lower	Upper	
105	100		
71	0.3	1.9	2.9#
51	4.1	18.4	27.6#
120	0.4	17.9	26.9#



#23
Nitrobenzene-d5
Concen: 79.584 ng
RT: 9.063 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion:	82	Resp:	500940
Ion Ratio	Lower	Upper	
82	100		
128	48.0	35.7	53.5
54	40.1	35.0	52.4

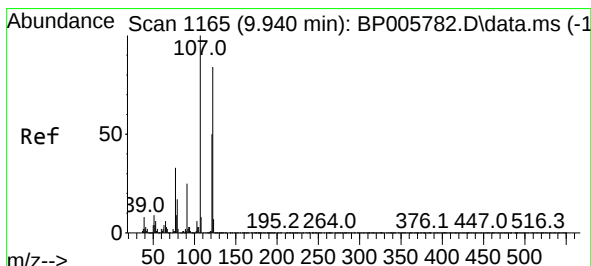
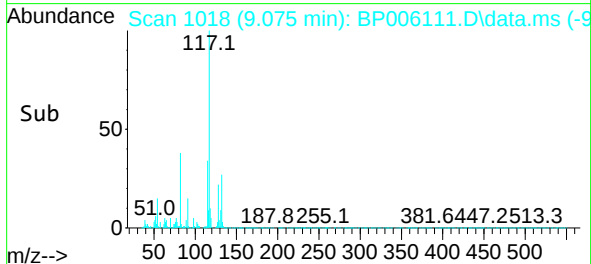
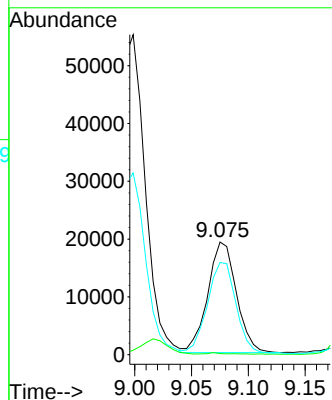
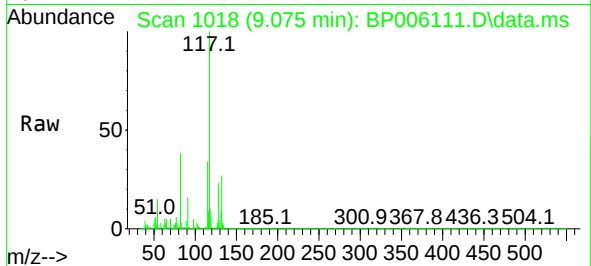




#24
Nitrobenzene
Concen: 5.145 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.029 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

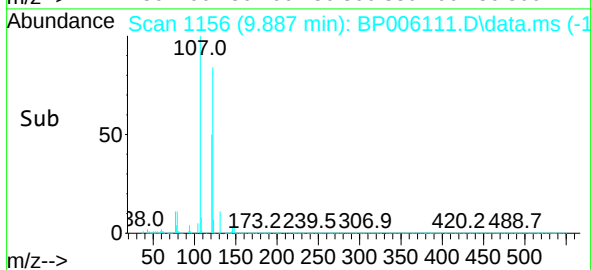
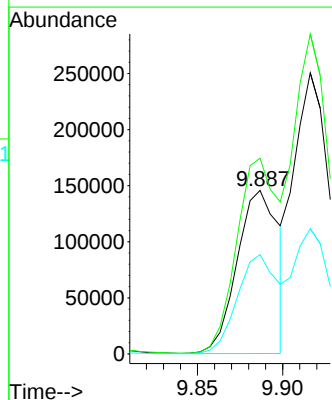
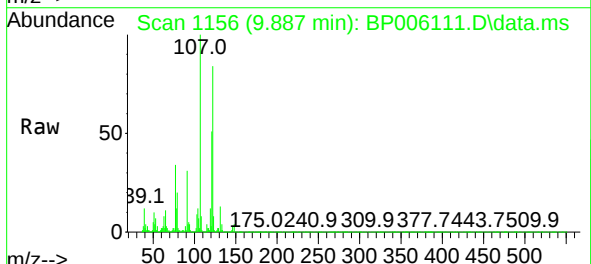
Instrument :
BNA_P
ClientSampled :
MW-6

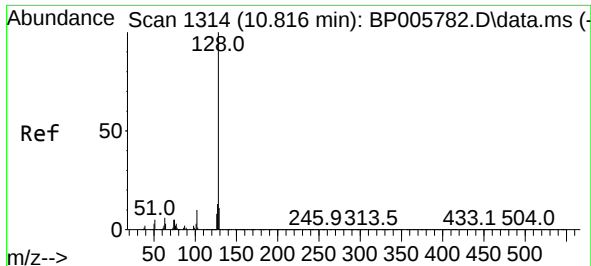
Tgt Ion: 77 Resp: 33628
Ion Ratio Lower Upper
77 100
123 1.0 38.2 57.2#
65 81.7 11.4 17.2#



#27
2,4-Dimethylphenol
Concen: 52.740 ng
RT: 9.887 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion: 122 Resp: 245037
Ion Ratio Lower Upper
122 100
107 119.7 94.5 141.7
121 60.8 47.4 71.2

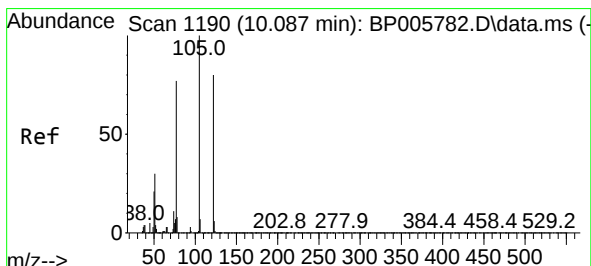
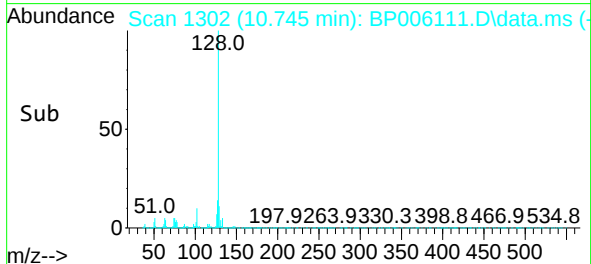
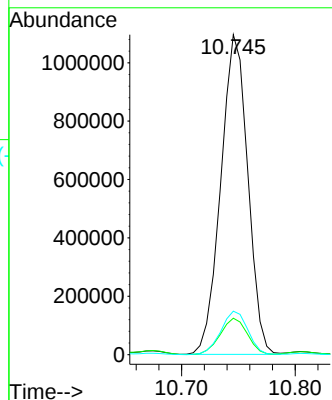
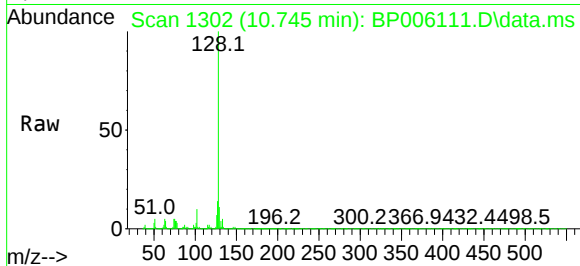




#31
Naphthalene
Concen: 101.271 ng
RT: 10.745 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

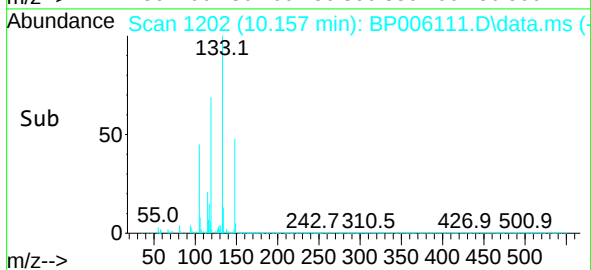
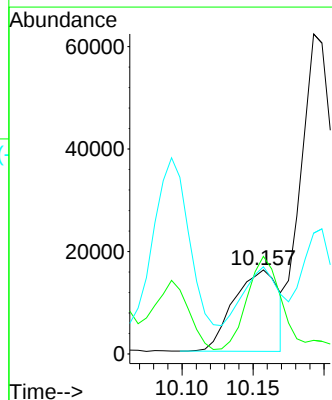
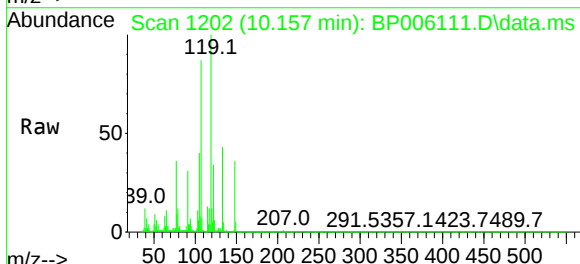
Instrument :
BNA_P
ClientSampleId :
MW-6

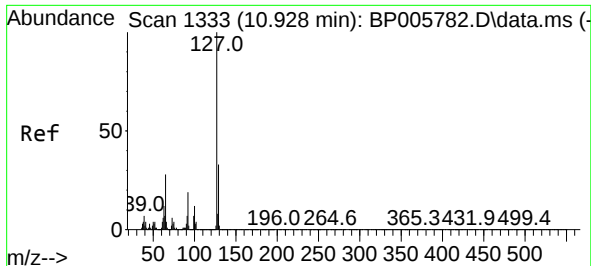
Tgt Ion:128 Resp: 1808233
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 14.903 ng
RT: 10.157 min Scan# 1202
Delta R.T. 0.082 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion:122 Resp: 34412
Ion Ratio Lower Upper
122 100
105 116.0 103.2 143.2
77 103.7 76.2 116.2

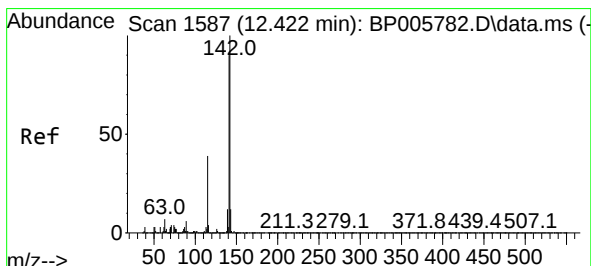
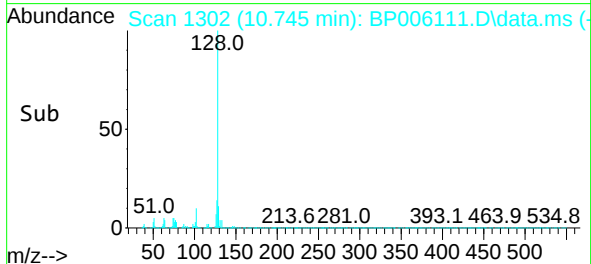
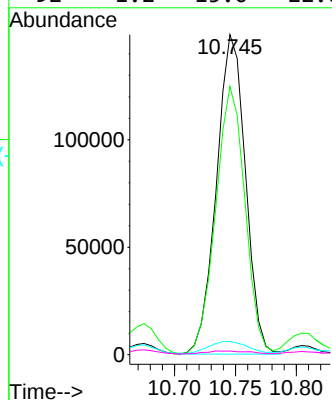
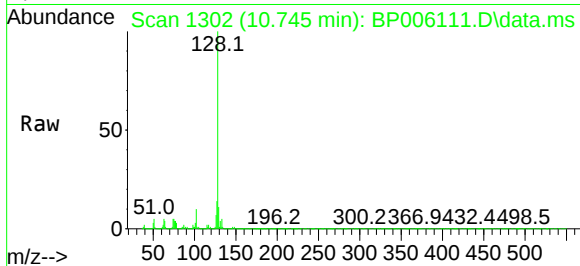




#33
4-Chloroaniline
Concen: 34.172 ng
RT: 10.745 min Scan# 1302
Delta R.T. -0.118 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

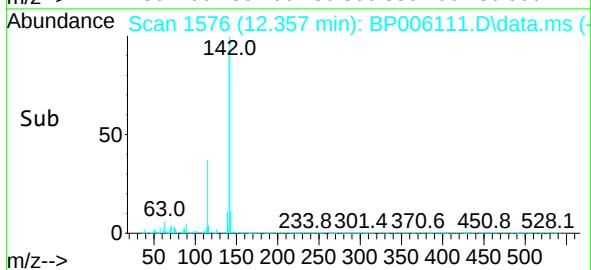
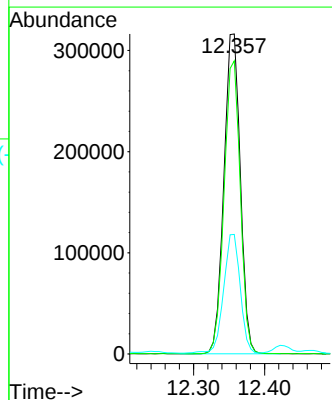
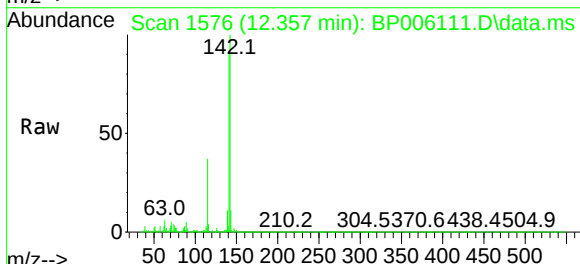
Instrument :
BNA_P
ClientSampleId :
MW-6

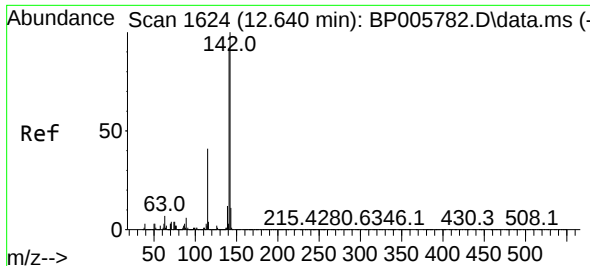
Tgt Ion:	127	Resp:	246492
Ion	Ratio	Lower	Upper
127	100		
129	83.8	26.1	39.1#
65	4.1	22.5	33.7#
92	1.2	15.0	22.6#



#37
2-Methylnaphthalene
Concen: 39.858 ng
RT: 12.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion:	142	Resp:	506705
Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.8	107.6
115	37.3	31.6	47.4

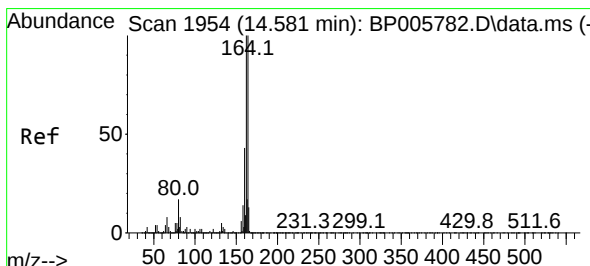
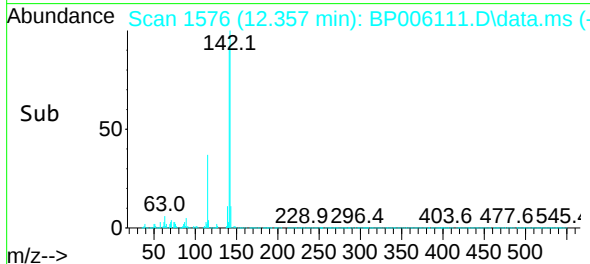
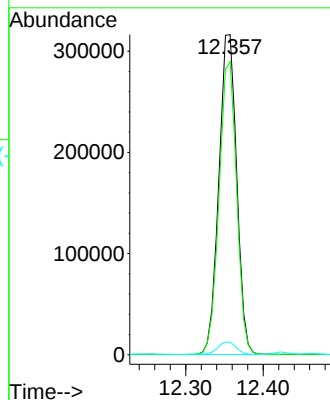
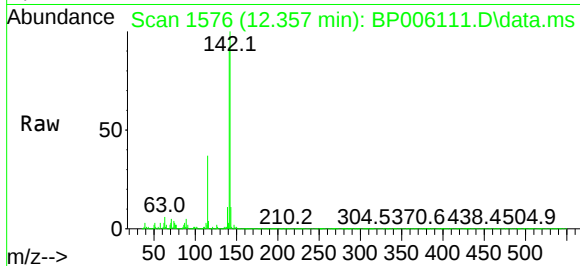




#38
1-Methylnaphthalene
Concen: 42.305 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.212 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

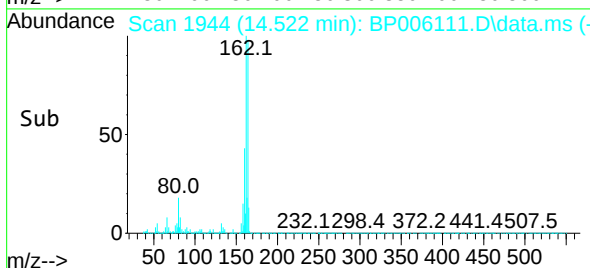
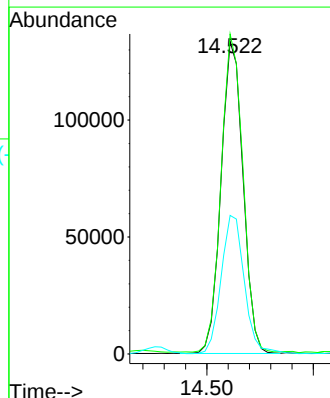
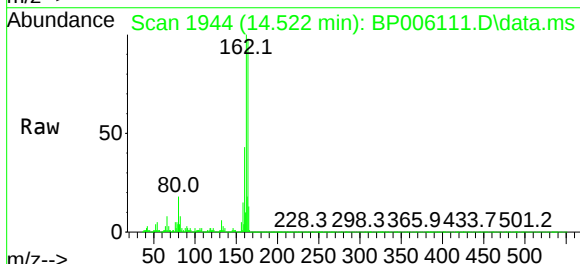
Instrument :
BNA_P
ClientSampleId :
MW-6

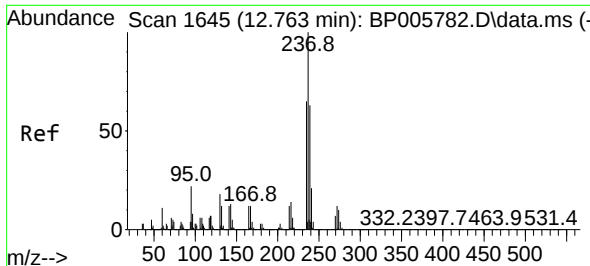
Tgt Ion:142 Resp: 506587
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9
116 3.9 3.5 5.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion:164 Resp: 191173
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.2
160 44.4 34.5 51.7

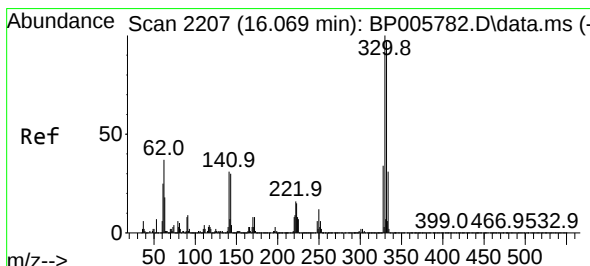
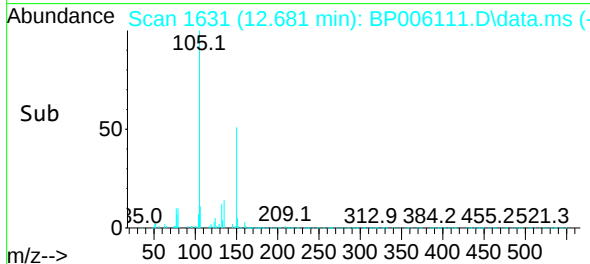
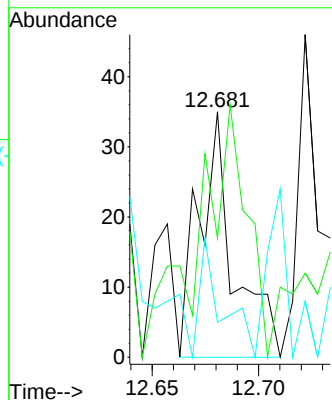
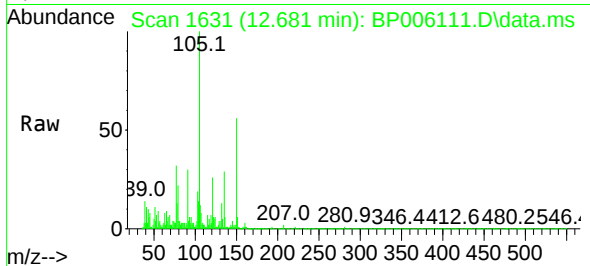




#41
Hexachlorocyclopentadiene
Concen: 5.515 ng
RT: 12.681 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

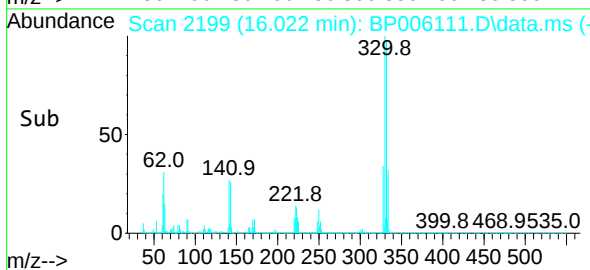
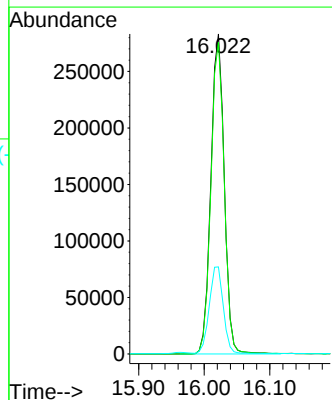
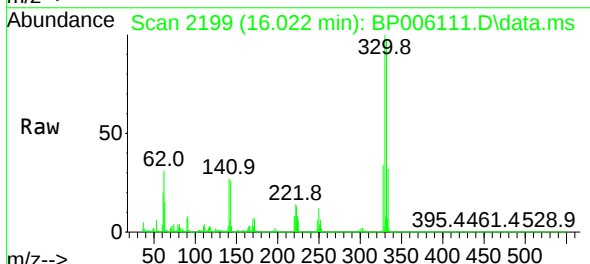
Instrument :
BNA_P
ClientSampled :
MW-6

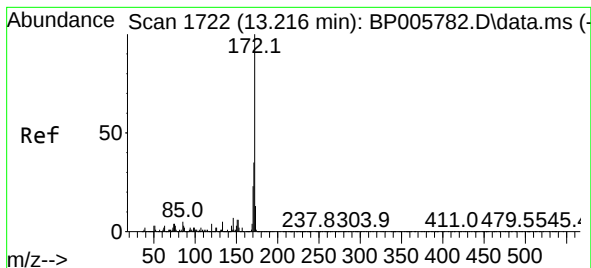
Tgt Ion:	237	Resp:	40
Ion	Ratio	Lower	Upper
237	100		
235	48.6	44.5	84.5
272	14.3	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 122.499 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion:	330	Resp:	401880
Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.8	116.8
141	28.2	25.4	38.2



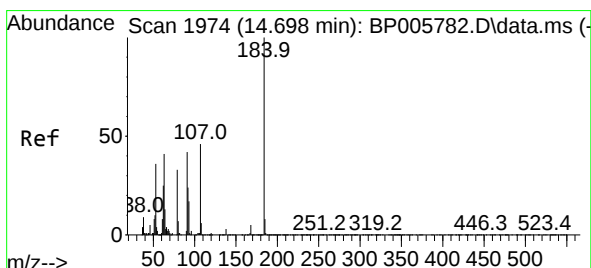
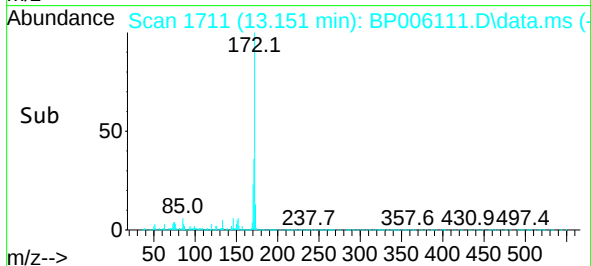
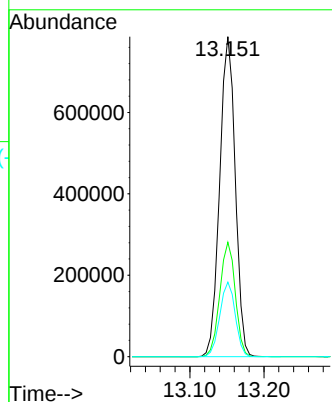
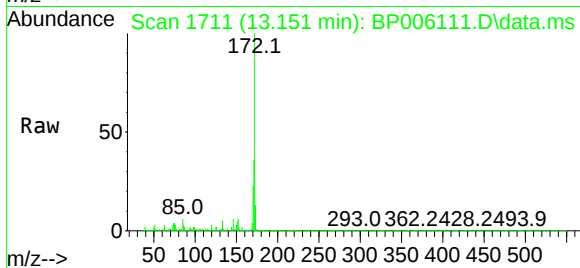


#45
2-Fluorobiphenyl
Concen: 78.826 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Instrument :
BNA_P
ClientSampleId :
MW-6

Tgt Ion:172 Resp: 1147595

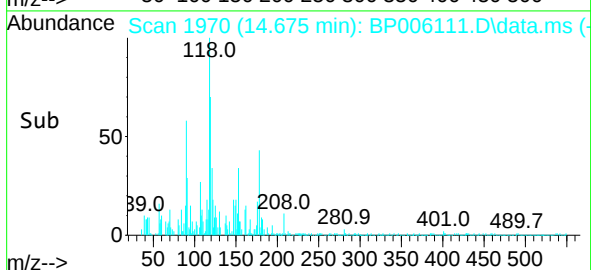
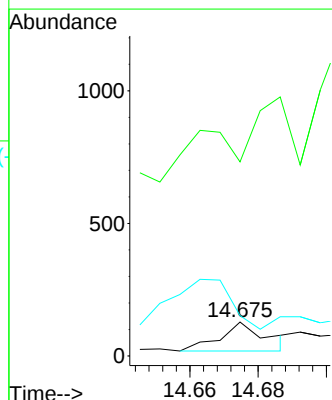
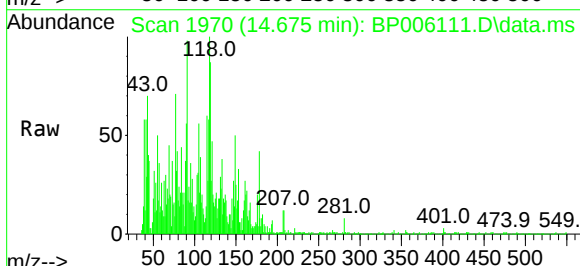
Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	23.3	18.6	27.8

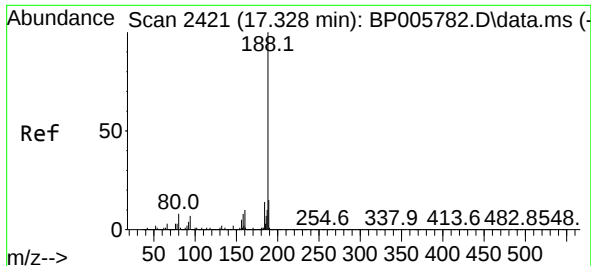


#54
2,4-Dinitrophenol
Concen: 4.894 ng
RT: 14.675 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion:184 Resp: 103

Ion	Ratio	Lower	Upper
184	100		
63	571.9	47.0	70.6#
154	118.8	52.3	78.5#

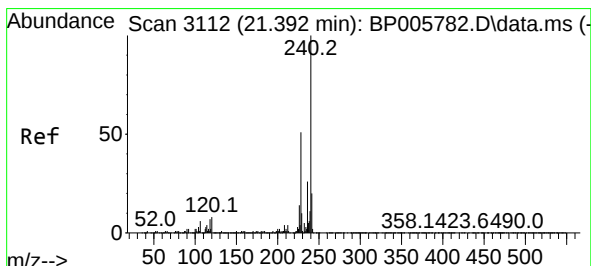
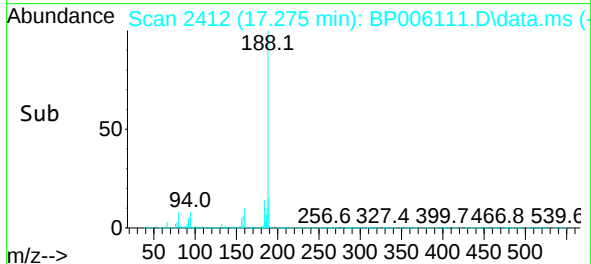
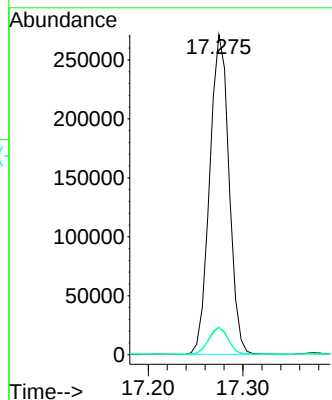
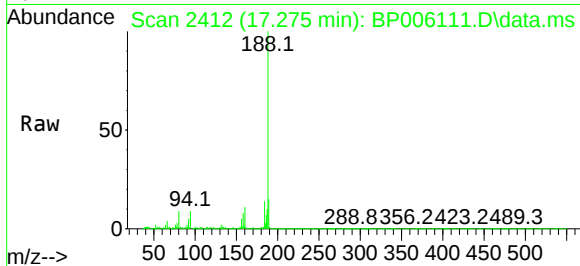




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

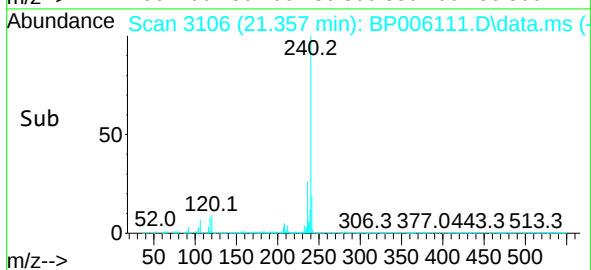
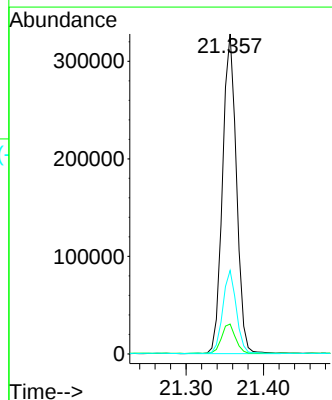
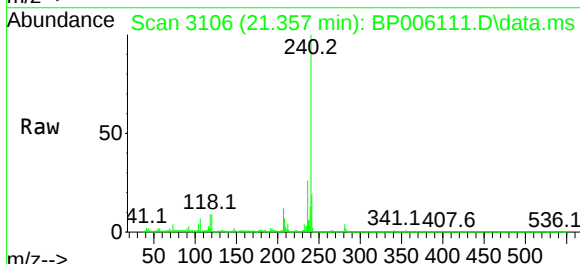
Instrument :
BNA_P
ClientSampleId :
MW-6

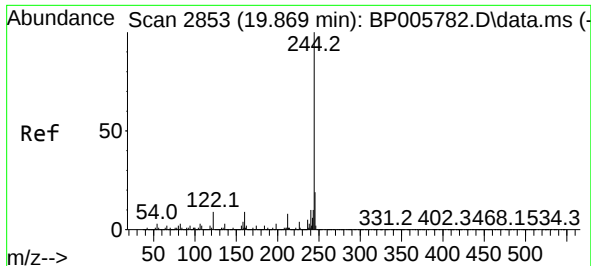
Tgt Ion:188 Resp: 386523
Ion Ratio Lower Upper
188 100
94 8.5 5.6 8.4#
80 8.7 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion:240 Resp: 409461
Ion Ratio Lower Upper
240 100
120 9.4 6.5 9.7
236 26.1 20.6 31.0

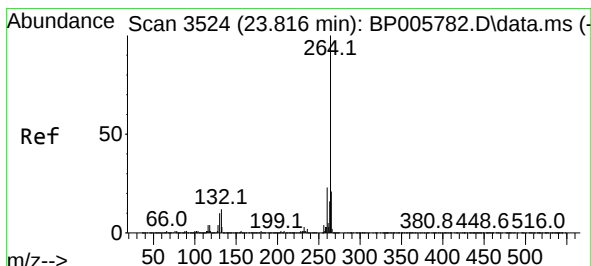
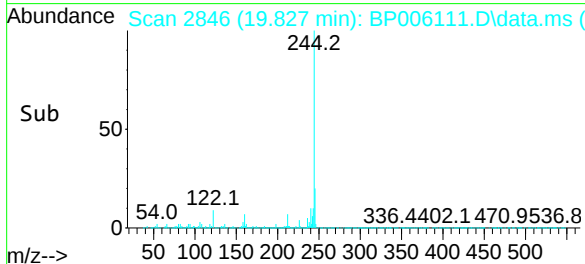
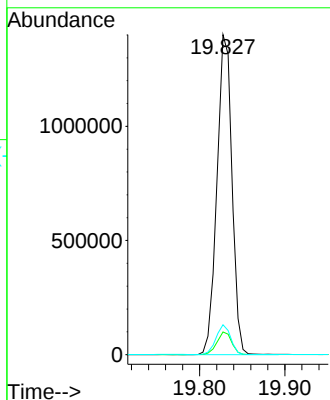
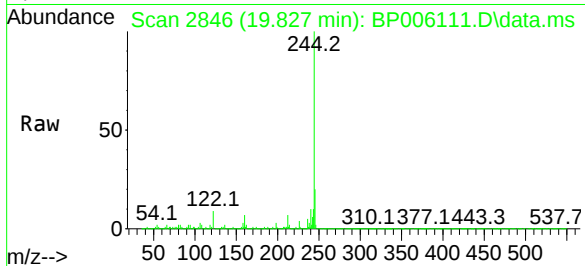




#79
Terphenyl-d14
Concen: 78.423 ng
RT: 19.827 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Instrument :
BNA_P
ClientSampleId :
MW-6

Tgt Ion:244 Resp: 1714894
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.4 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.762 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP006111.D
Acq: 30 Jun 2021 17:05

Tgt Ion:264 Resp: 461801
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.8 17.6 26.4

