

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006117.D
 Acq On : 30 Jun 2021 20:31
 Operator : CG/JU
 Sample : M2875-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-14

Quant Time: Jul 01 03:08:00 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)

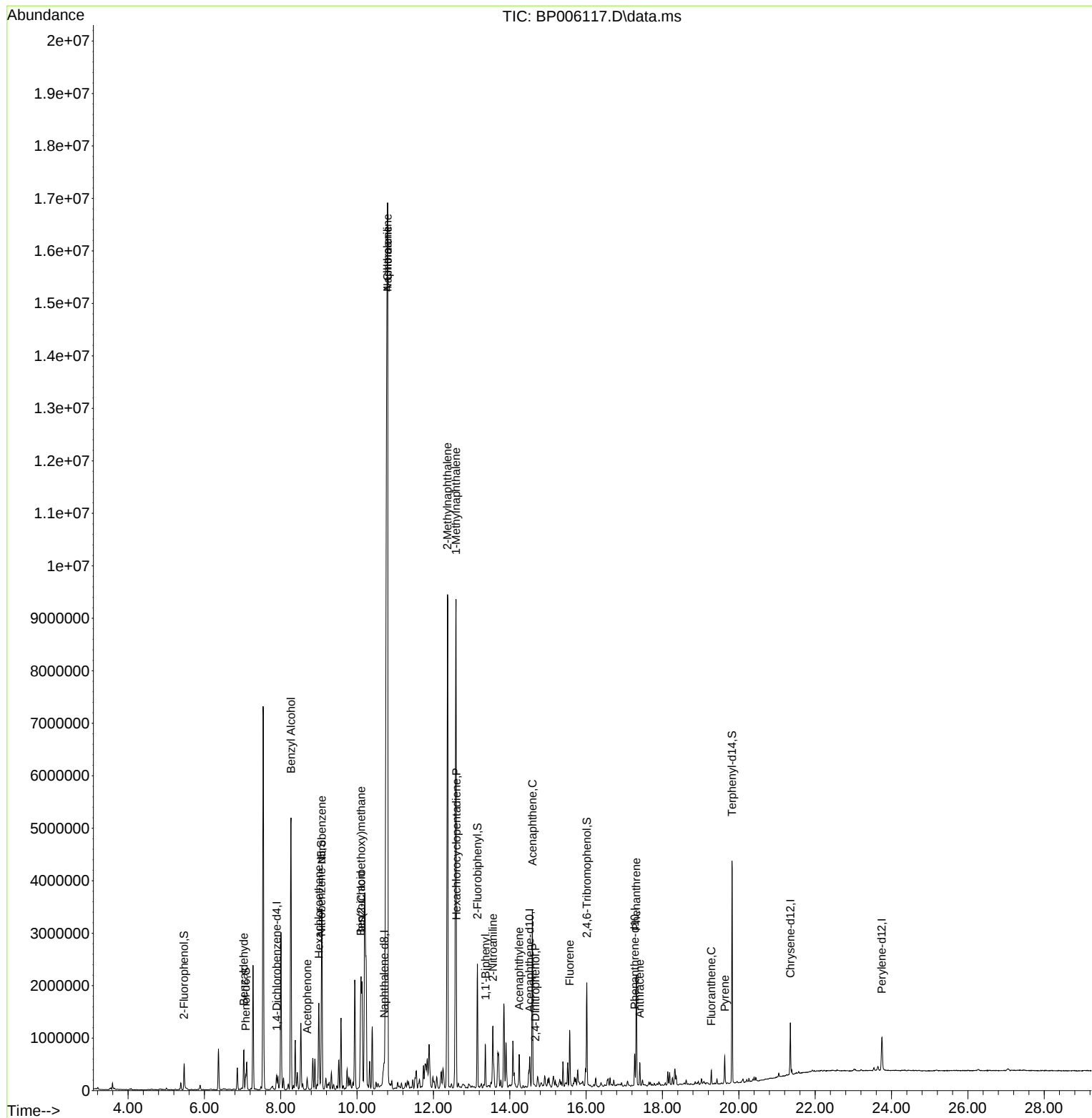
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	78186	20.00	ng	0.00
21) Naphthalene-d8	10.710	136	288163	20.00	ng	0.02
39) Acenaphthene-d10	14.522	164	182224	20.00	ng	0.00
64) Phenanthrene-d10	17.275	188	370336	20.00	ng	0.00
76) Chrysene-d12	21.351	240	440930	20.00	ng	0.00
86) Perylene-d12	23.745	264	506721	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	238731	49.00	ng	0.00
7) Phenol-d6	7.081	99	169993	26.92	ng	0.00
23) Nitrobenzene-d5	9.063	82	484674	82.46	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	419885	134.27	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	1136345	81.89	ng	0.00
79) Terphenyl-d14	19.822	244	2004142	85.11	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.034	77	55643	20.67	ng	# 1
15) Benzyl Alcohol	8.269	79	9662	2.03	ng	# 1
18) Hexachloroethane	8.999	117	171429	74.39	ng	# 1
22) Acetophenone	8.693	105	145097	19.13	ng	# 59
24) Nitrobenzene	9.075	77	89094	14.60	ng	# 4
28) bis(2-Chloroethoxy)met...	10.104	93	16236	2.87	ng	# 54
31) Naphthalene	10.799	128	26536436	1591.58	ng	95
32) Benzoic acid	10.099	122	411	6.43	ng	# 1
33) 4-Chloroaniline	10.799	127	3975804	590.27	ng	# 37
37) 2-Methylnaphthalene	12.369	142	5177276	436.13	ng	98
38) 1-Methylnaphthalene	12.593	142	4787880	428.19	ng	98
41) Hexachlorocyclopentadiene	12.604	237	15	5.51	ng	86
46) 1,1'-Biphenyl	13.363	154	421549	28.69	ng	99
48) 2-Nitroaniline	13.557	65	9624	3.05	ng	# 20
49) Acenaphthylene	14.245	152	71385	3.88	ng	# 48
52) Acenaphthene	14.592	154	1206252	107.92	ng	98
54) 2,4-Dinitrophenol	14.669	184	119	4.90	ng	# 1
58) Fluorene	15.569	166	484910	33.86	ng	99
71) Phenanthrene	17.316	178	1291380	58.06	ng	99
72) Anthracene	17.404	178	276132	12.62	ng	99
75) Fluoranthene	19.280	202	144605	5.35	ng	98
78) Pyrene	19.633	202	315178	10.24	ng	99

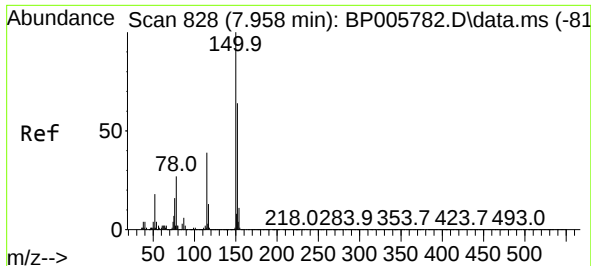
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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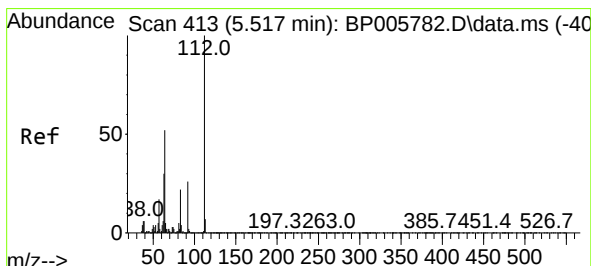
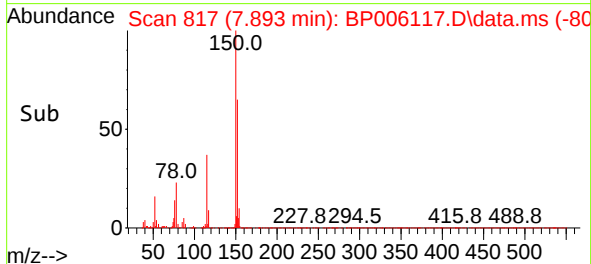
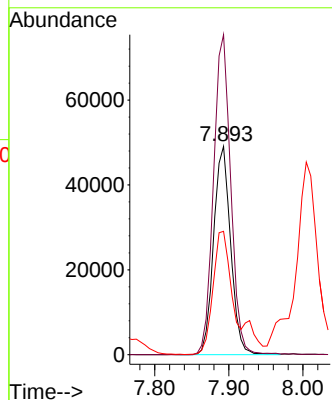
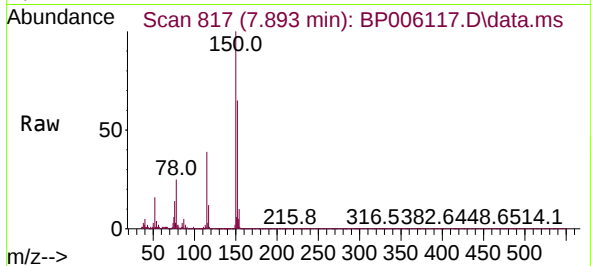




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

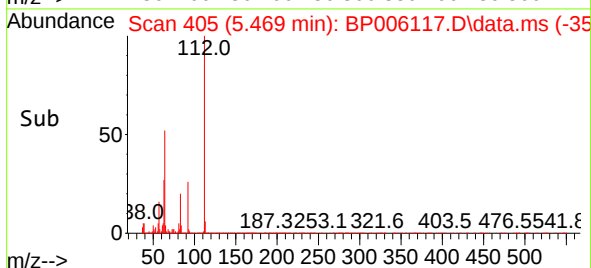
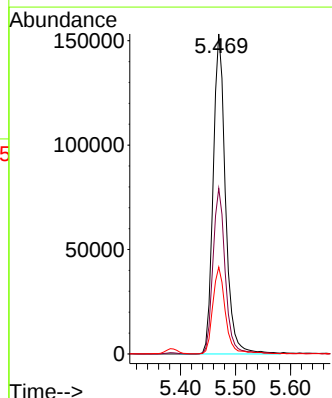
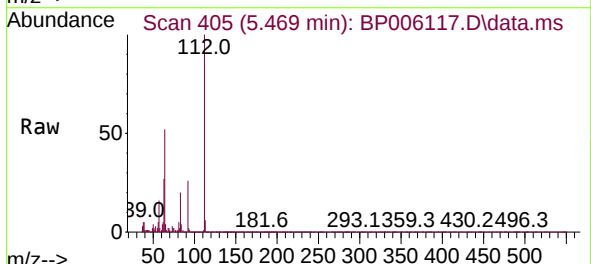
Instrument :
BNA_P
ClientSampleId :
MW-14

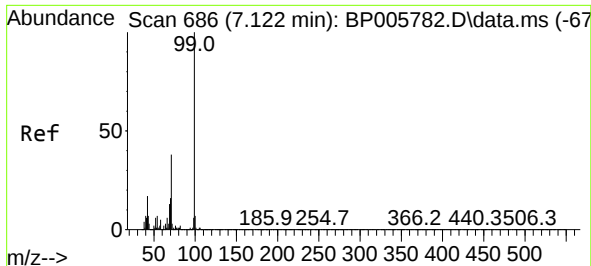
Tgt Ion:152 Resp: 78186
Ion Ratio Lower Upper
152 100
150 153.6 125.6 188.4
115 59.2 48.5 72.7



#5
2-Fluorophenol
Concen: 49.00 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:112 Resp: 238731
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 27.1 23.8 35.8

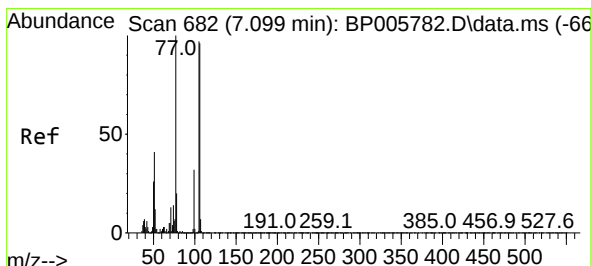
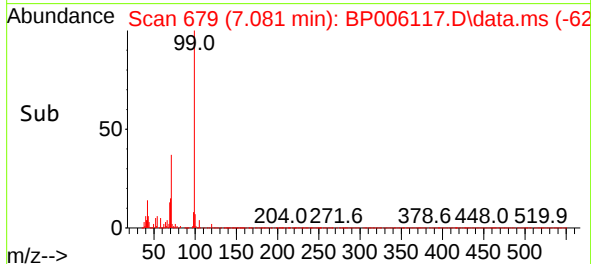
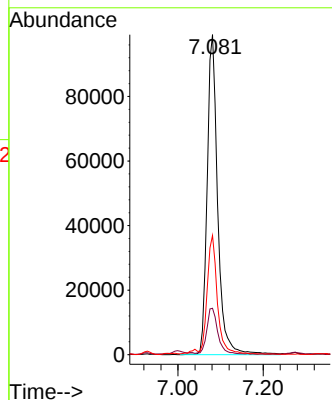
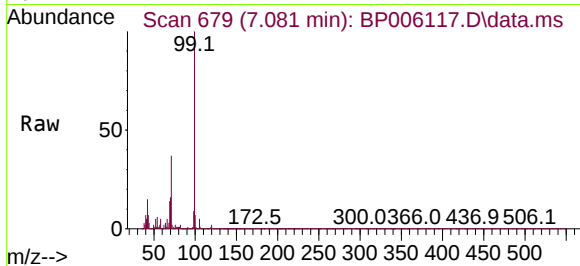




#7
Phenol-d6
Concen: 26.92 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

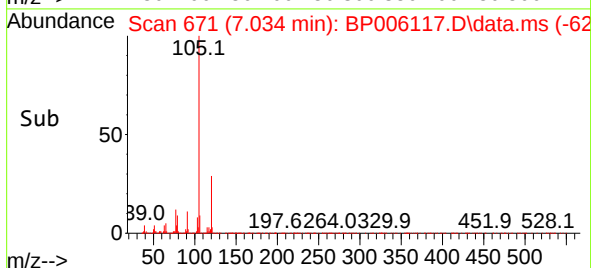
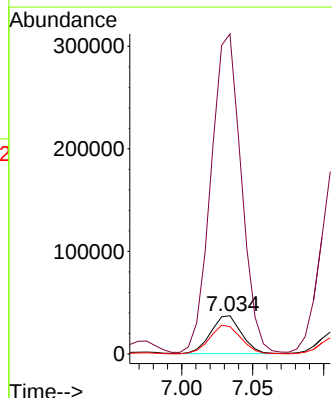
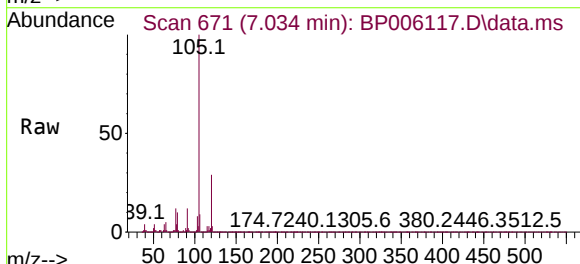
Instrument :
BNA_P
ClientSampleId :
MW-14

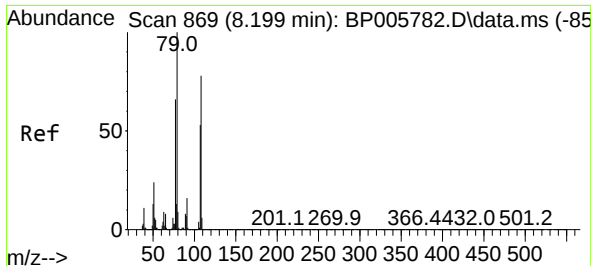
Tgt Ion:	99	Resp:	169993
Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.4	20.0
71	37.3	30.6	46.0



#9
Benzaldehyde
Concen: 20.67 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:	77	Resp:	55643
Ion	Ratio	Lower	Upper
77	100		
105	836.2	76.7	116.7#
106	71.3	76.2	116.2#

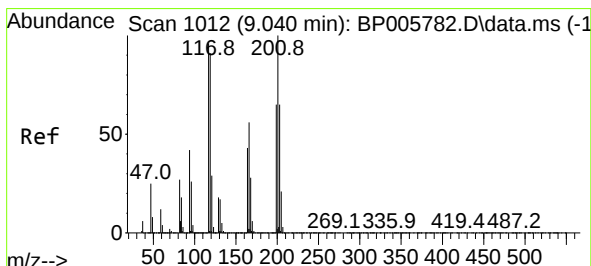
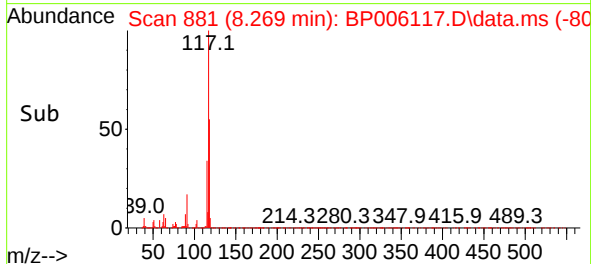
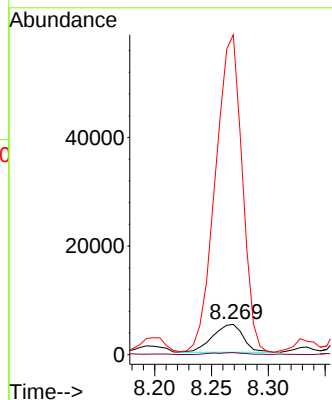
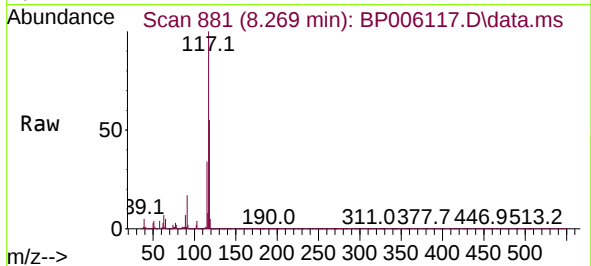




#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 8.269 min Scan# 881
Delta R.T. 0.124 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

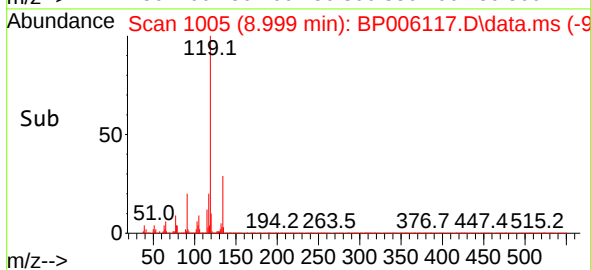
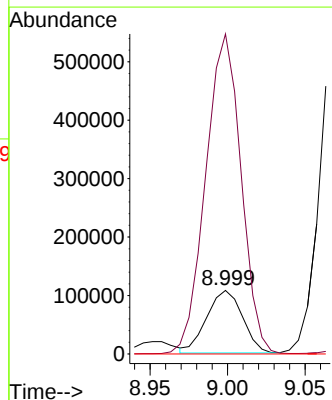
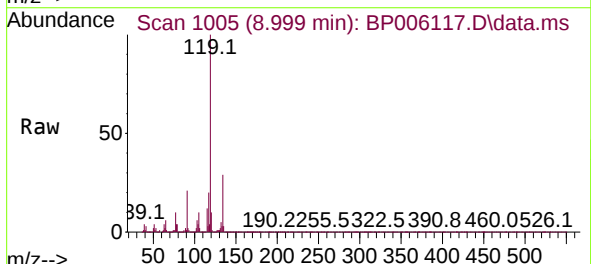
Instrument :
BNA_P
ClientSampled :
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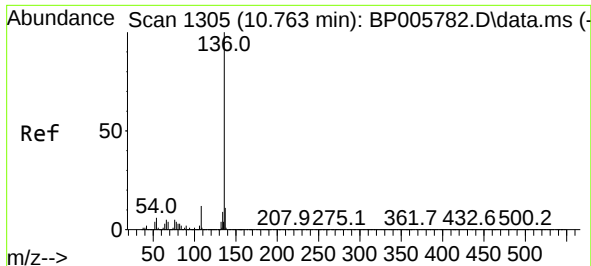
Tgt Ion: 79 Resp: 9662
Ion Ratio Lower Upper
79 100
108 7.1 62.5 93.7#
77 1057.6 52.9 79.3#



#18
Hexachloroethane
Concen: 74.39 ng
RT: 8.999 min Scan# 1005
Delta R.T. 0.035 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion: 117 Resp: 171429
Ion Ratio Lower Upper
117 100
119 503.1 76.2 114.2#
201 0.0 83.4 125.0#

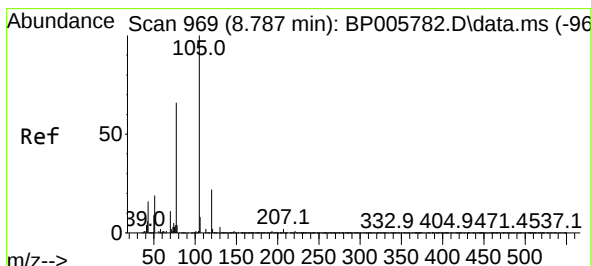
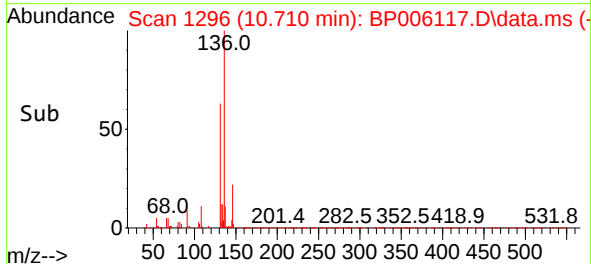
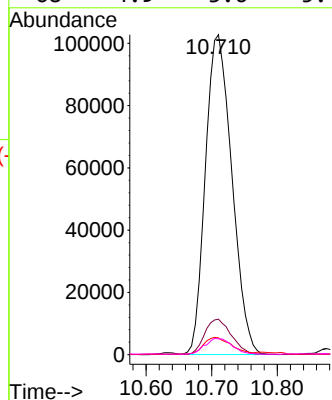
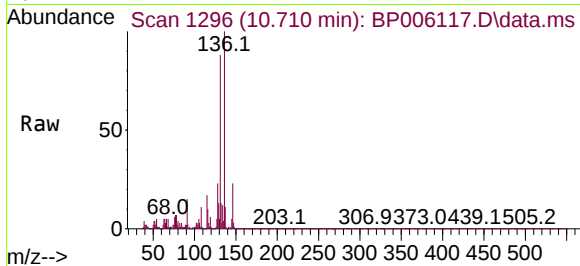




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.018 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

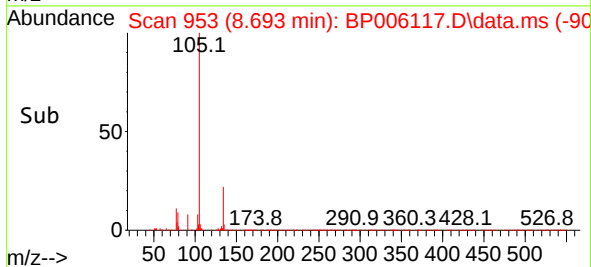
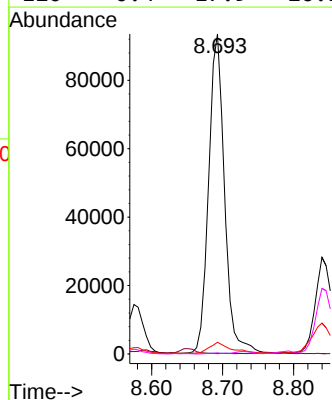
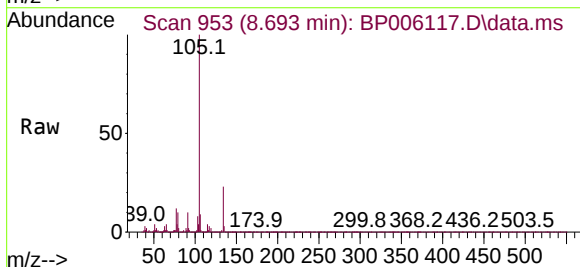
Instrument :
BNA_P
ClientSampleId :
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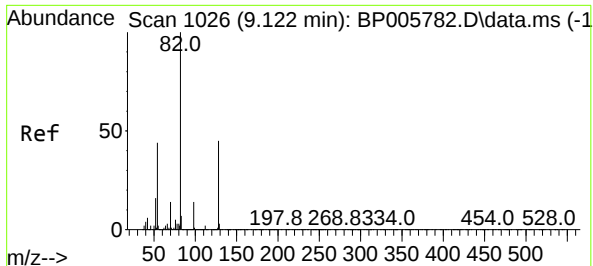
Tgt Ion:	136	Resp:	288163
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	12.8
54	5.2	4.6	6.8
68	4.9	3.6	5.4



#22
Acetophenone
Concen: 19.13 ng
RT: 8.693 min Scan# 953
Delta R.T. -0.029 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:	105	Resp:	145097
Ion Ratio	Lower	Upper	
105	100		
71	0.1	1.9	2.9#
51	3.6	18.4	27.6#
120	0.4	17.9	26.9#

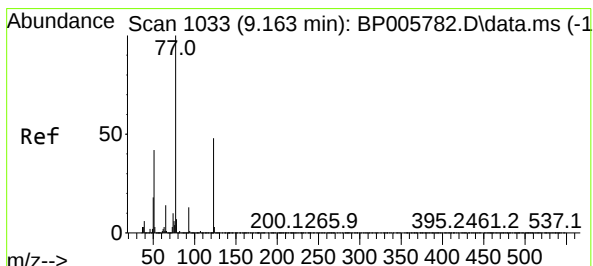
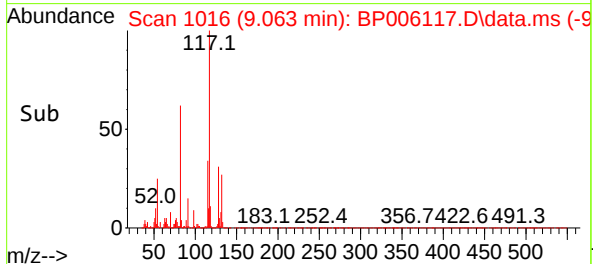
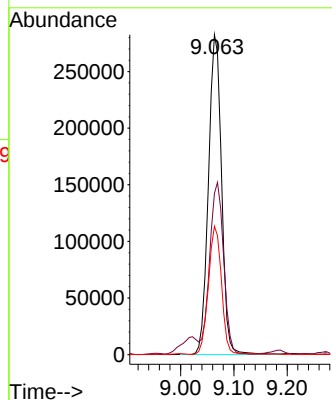
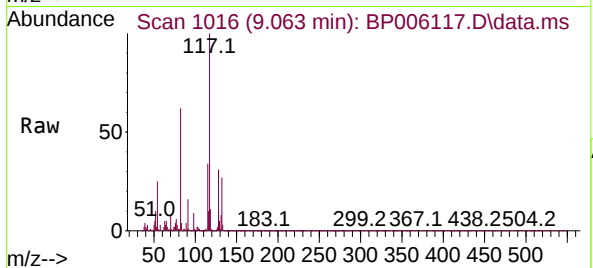




#23
Nitrobenzene-d5
Concen: 82.46 ng
RT: 9.063 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

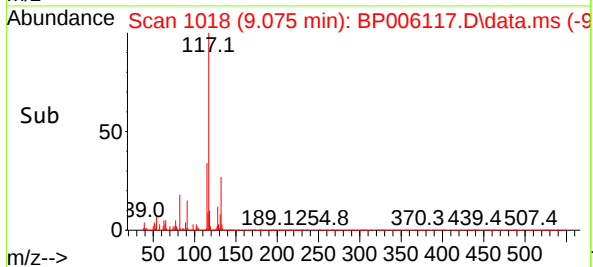
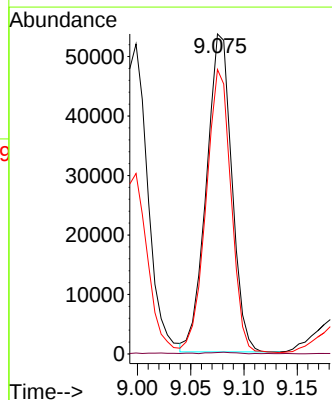
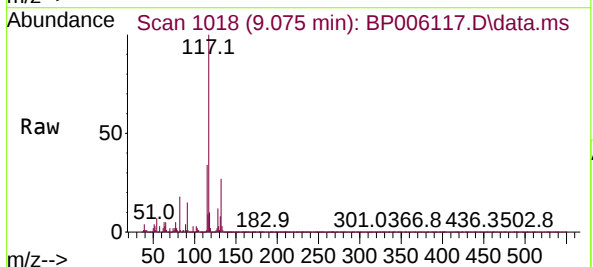
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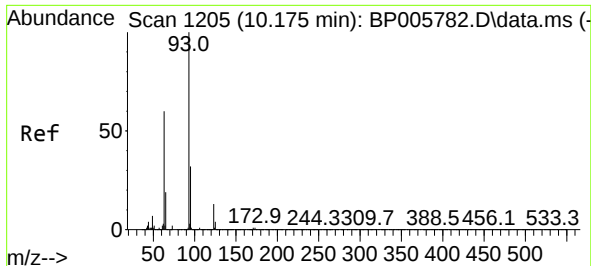
Tgt Ion: 82 Resp: 484674
Ion Ratio Lower Upper
82 100
128 50.4 35.7 53.5
54 40.2 35.0 52.4



#24
Nitrobenzene
Concen: 14.60 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.029 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion: 77 Resp: 89094
Ion Ratio Lower Upper
77 100
123 0.4 38.2 57.2#
65 88.9 11.4 17.2#

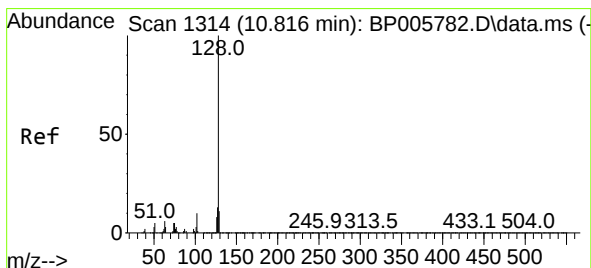
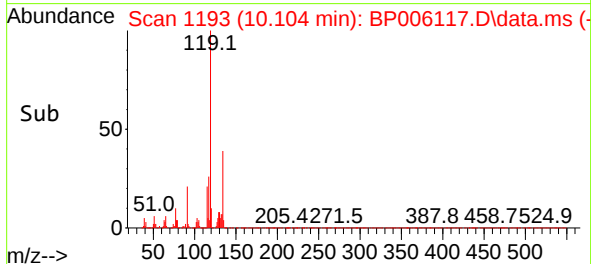
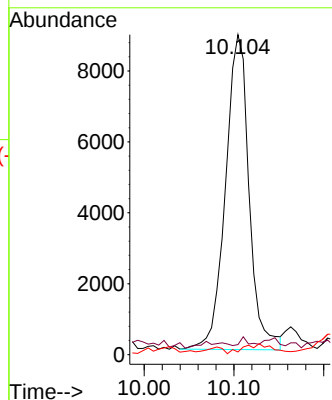
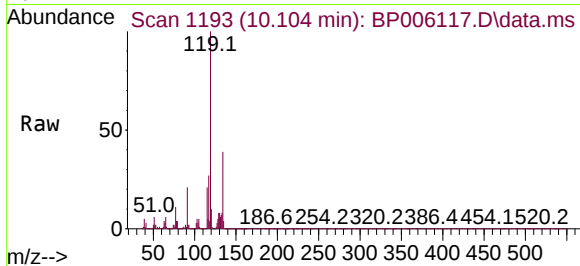




#28
bis(2-Chloroethoxy)methane
Concen: 2.87 ng
RT: 10.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

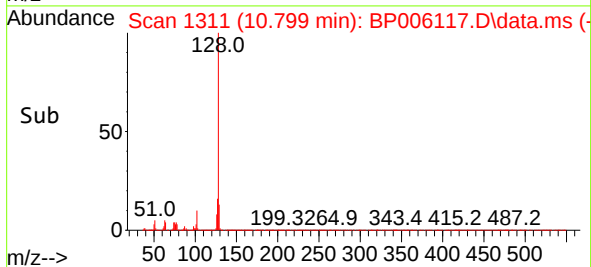
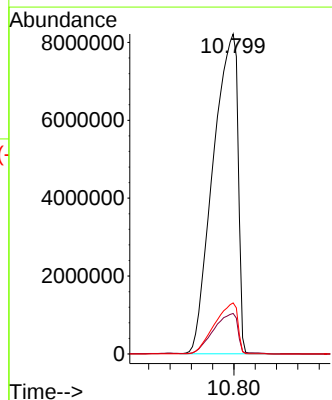
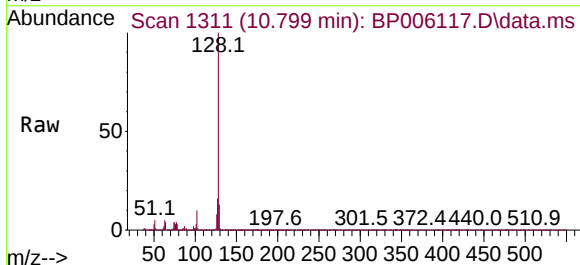
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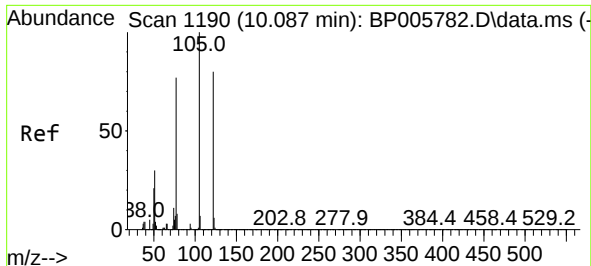
Tgt Ion: 93 Resp: 16236
Ion Ratio Lower Upper
93 100
95 3.1 25.9 38.9#
123 0.9 10.2 15.2#



#31
Naphthalene
Concen: 1591.58 ng
RT: 10.799 min Scan# 1311
Delta R.T. 0.053 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:128 Resp:26536436
Ion Ratio Lower Upper
128 100
129 12.6 9.0 13.6
127 16.0 10.7 16.1

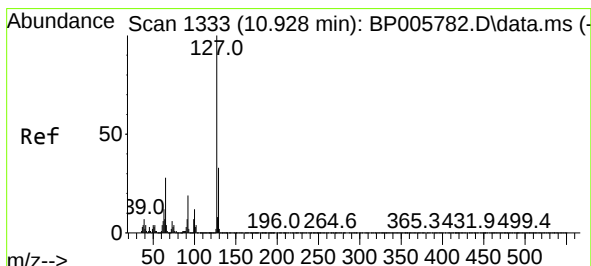
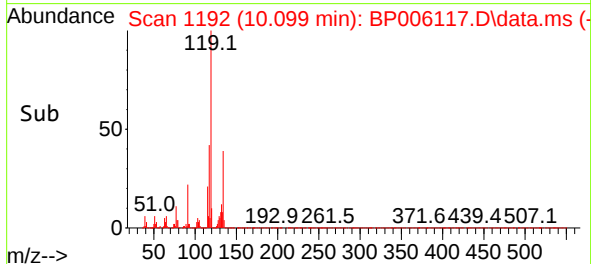
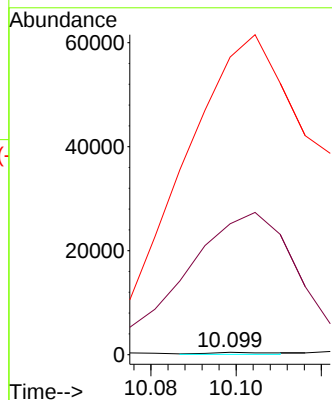
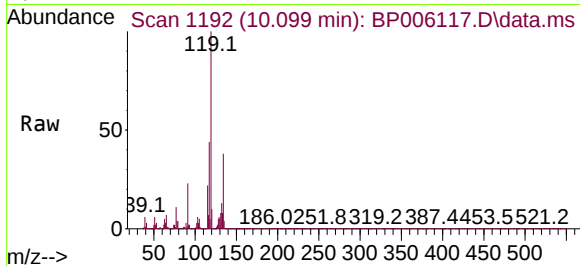




#32
Benzoic acid
Concen: 6.43 ng
RT: 10.099 min Scan# 1192
Delta R.T. 0.024 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

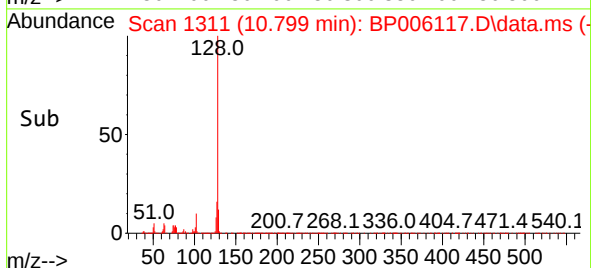
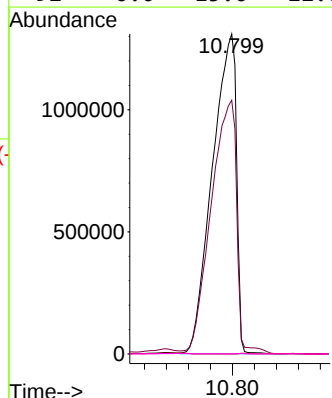
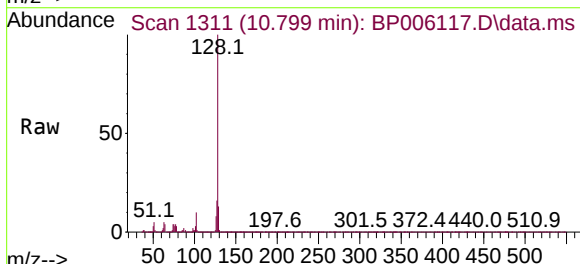
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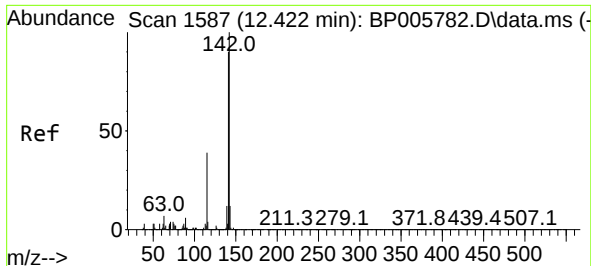
Tgt Ion:122 Resp: 411
Ion Ratio Lower Upper
122 100
105 5425.9 103.2 143.2#
77 12336.2 76.2 116.2#



#33
4-Chloroaniline
Concen: 590.27 ng
RT: 10.799 min Scan# 1311
Delta R.T. -0.065 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:127 Resp: 3975804
Ion Ratio Lower Upper
127 100
129 79.3 26.1 39.1#
65 0.0 22.5 33.7#
92 0.0 15.0 22.6#

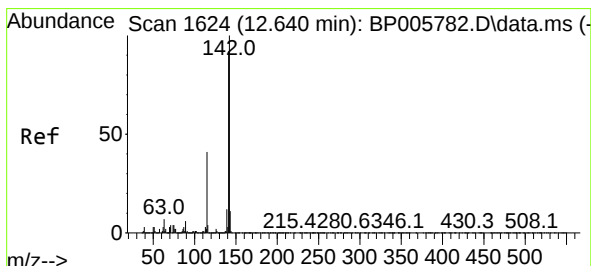
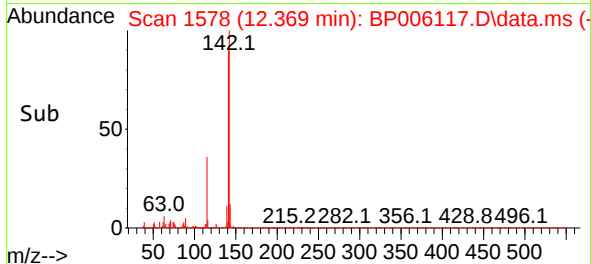
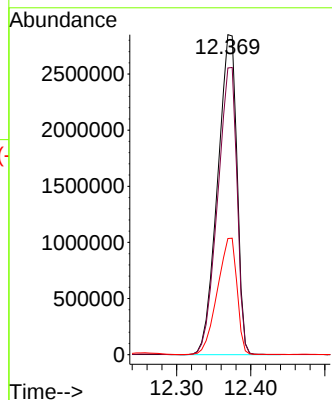
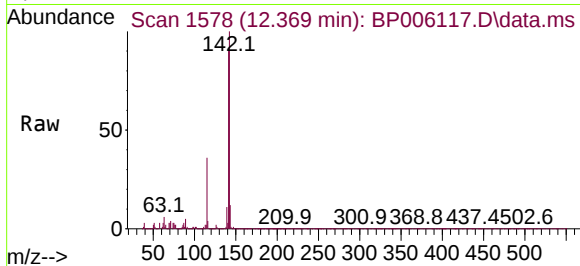




#37
2-Methylnaphthalene
Concen: 436.13 ng
RT: 12.369 min Scan# 1578
Delta R.T. 0.012 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

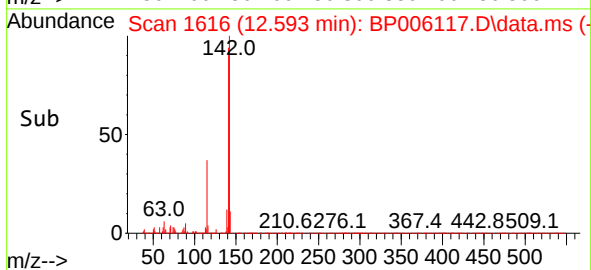
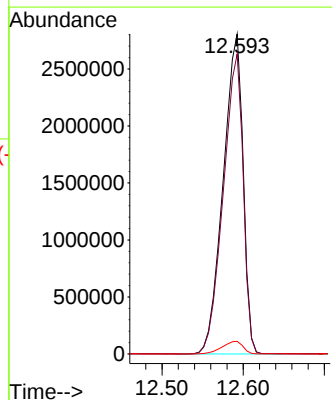
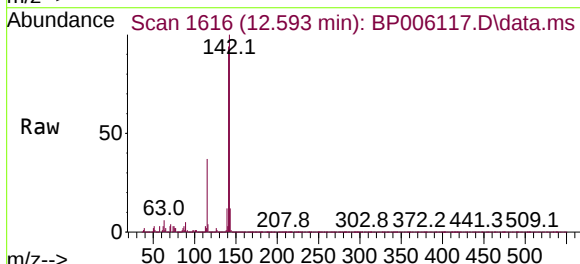
Instrument :
BNA_P
ClientSampleId :
MW-14

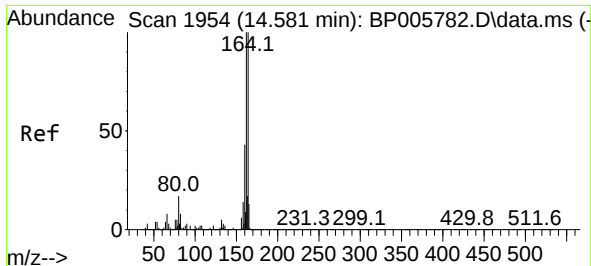
Tgt Ion:142 Resp: 5177276
Ion Ratio Lower Upper
142 100
141 89.6 71.8 107.6
115 36.3 31.6 47.4



#38
1-Methylnaphthalene
Concen: 428.19 ng
RT: 12.593 min Scan# 1616
Delta R.T. 0.024 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:142 Resp: 4787880
Ion Ratio Lower Upper
142 100
141 93.8 73.3 109.9
116 3.9 3.5 5.3

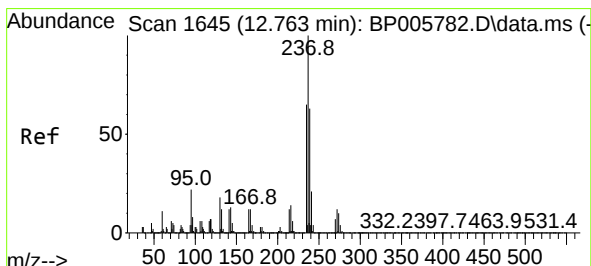
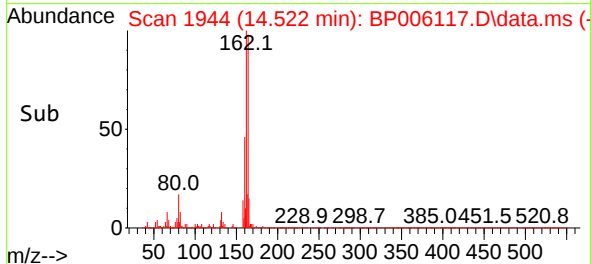
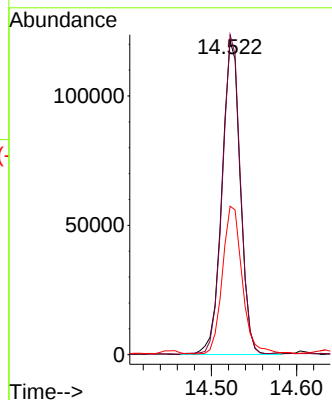
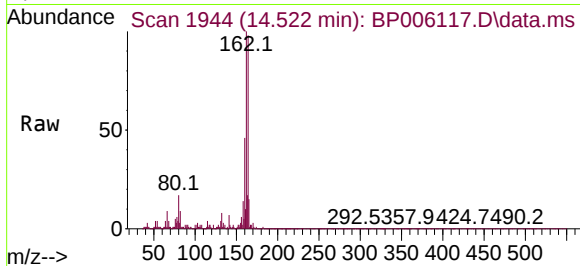




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

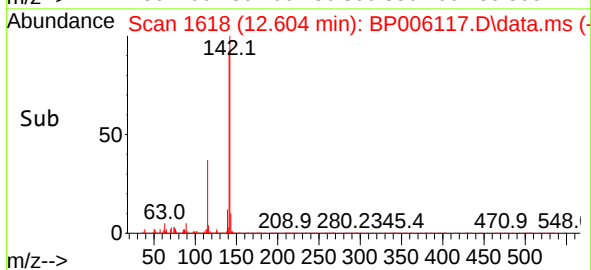
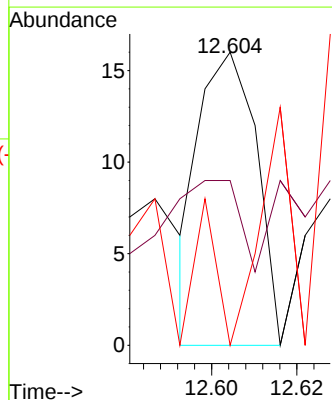
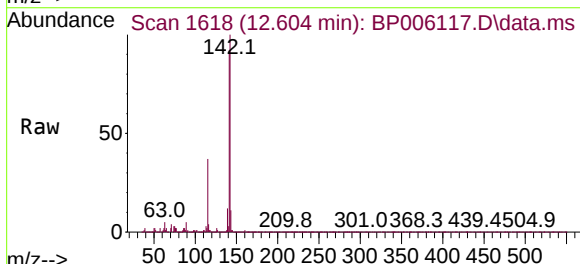
Instrument :
BNA_P
ClientSampleId :
MW-14

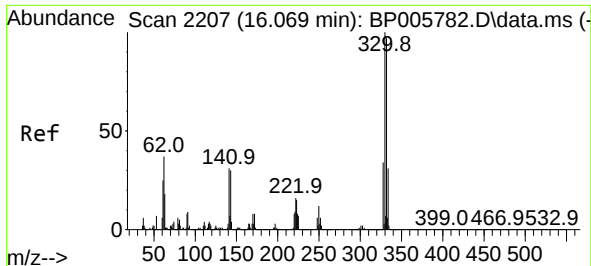
Tgt Ion:164 Resp: 182224
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 47.3 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.604 min Scan# 1618
Delta R.T. -0.094 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:237 Resp: 15
Ion Ratio Lower Upper
237 100
235 56.3 44.5 84.5
272 0.0 0.0 32.5

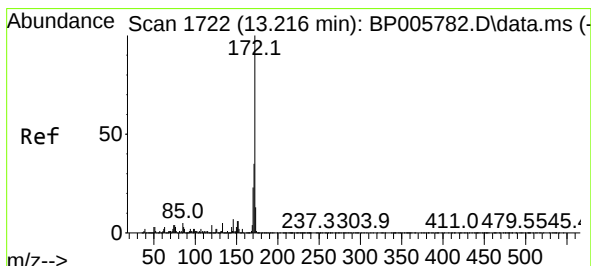
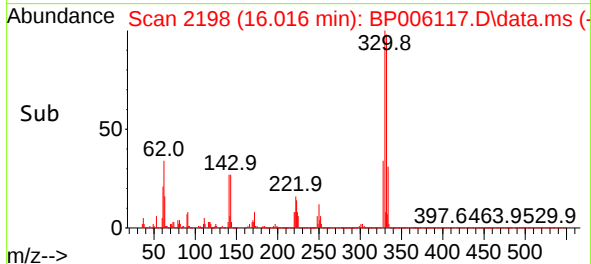
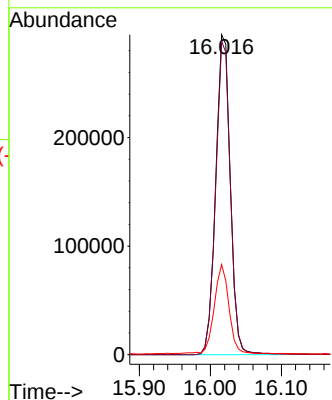
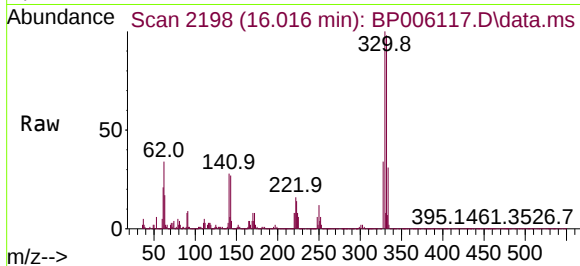




#42
2,4,6-Tribromophenol
Concen: 134.27 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

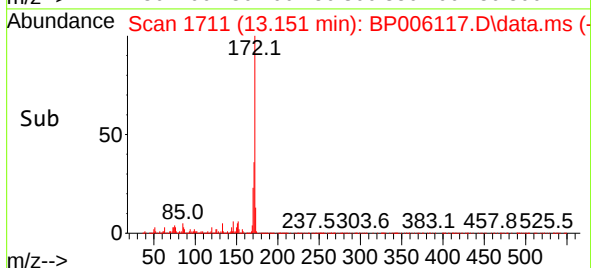
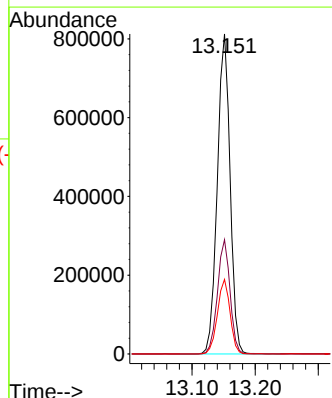
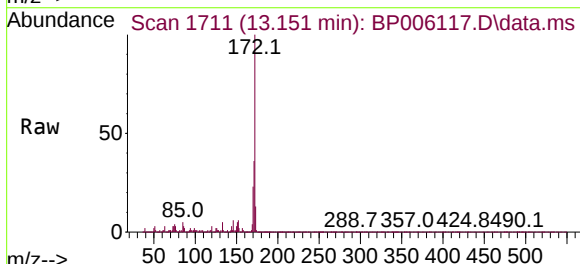
Instrument :
BNA_P
ClientSampleId :
MW-14

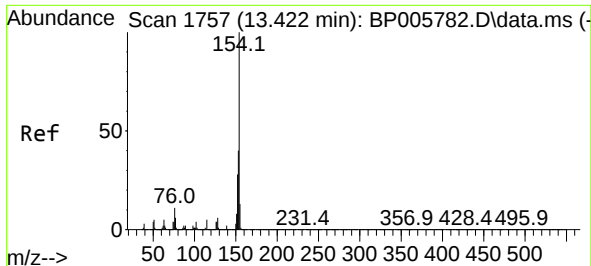
Tgt Ion:330 Resp: 419885
Ion Ratio Lower Upper
330 100
332 98.5 77.8 116.8
141 27.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 81.89 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:172 Resp: 1136345
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.3 18.6 27.8

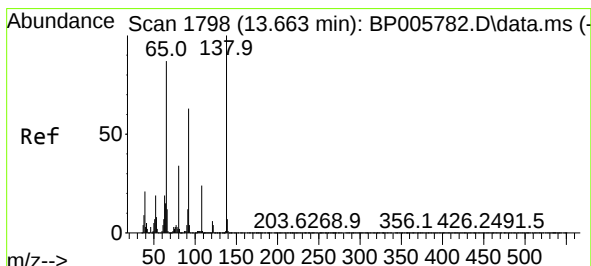
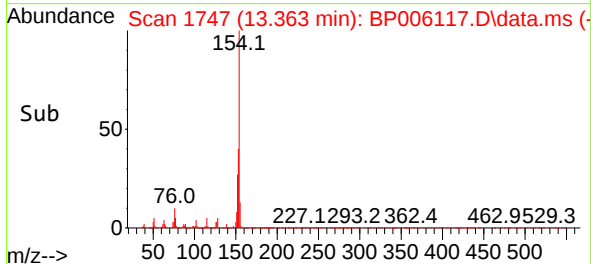
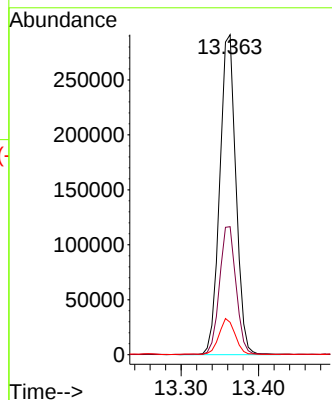
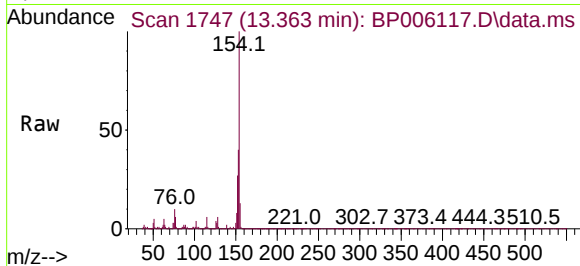




#46
1,1'-Biphenyl
Concen: 28.69 ng
RT: 13.363 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

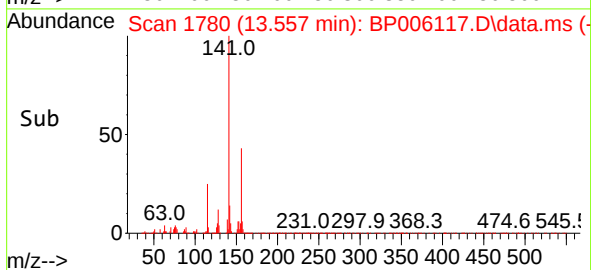
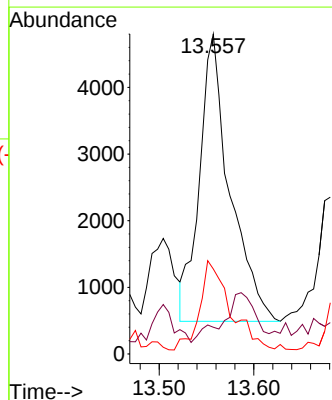
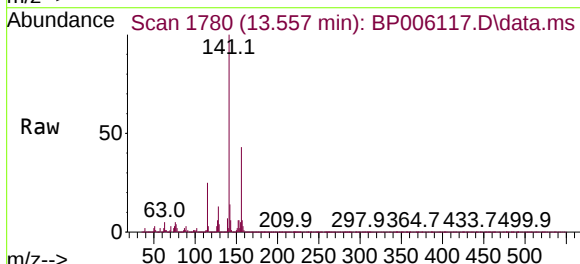
Instrument :
BNA_P
ClientSampleId :
MW-14

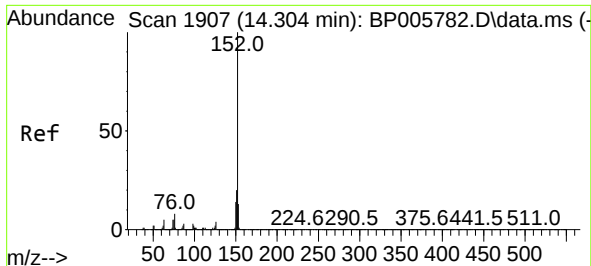
Tgt Ion:154 Resp: 421549
Ion Ratio Lower Upper
154 100
153 40.0 20.4 60.4
76 10.1 0.0 30.8



#48
2-Nitroaniline
Concen: 3.05 ng
RT: 13.557 min Scan# 1780
Delta R.T. -0.065 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion: 65 Resp: 9624
Ion Ratio Lower Upper
65 100
92 8.3 57.7 86.5#
138 26.6 92.1 138.1#

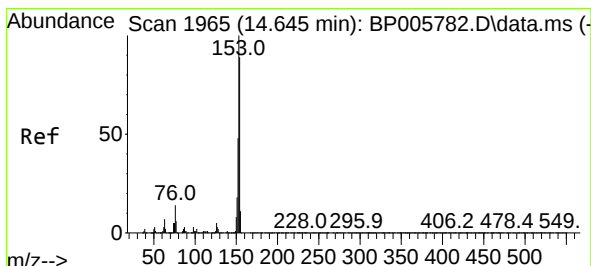
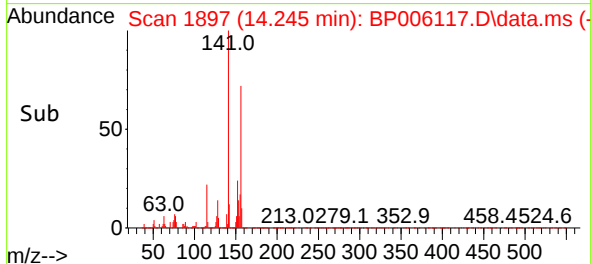
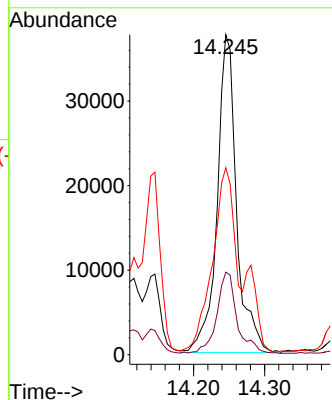
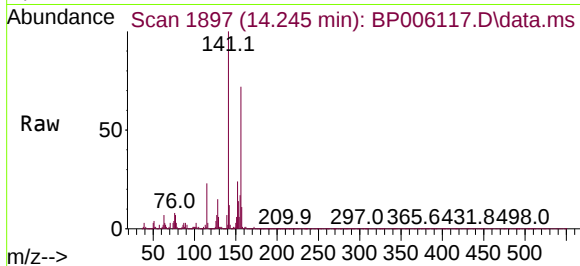




#49
Acenaphthylene
Concen: 3.88 ng
RT: 14.245 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

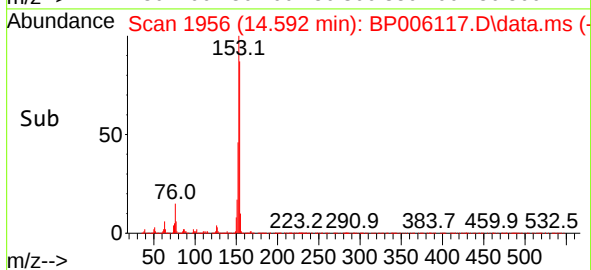
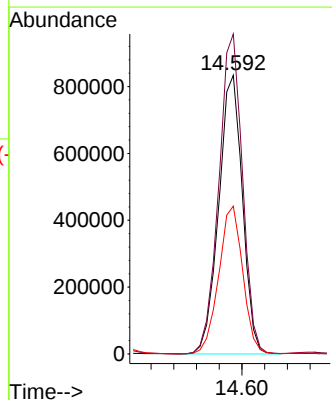
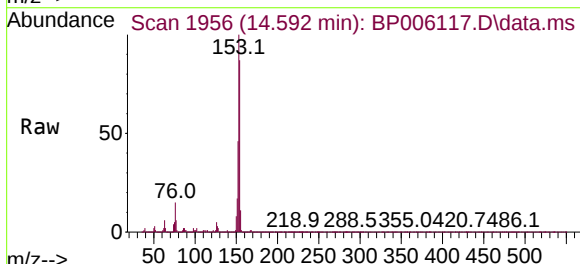
Instrument :
BNA_P
ClientSampleId :
MW-14

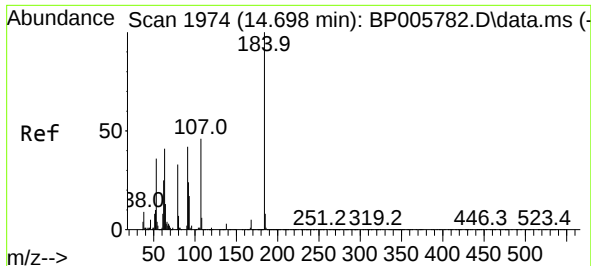
Tgt Ion:152 Resp: 71385
Ion Ratio Lower Upper
152 100
151 25.8 16.2 24.2#
153 58.4 10.6 16.0#



#52
Acenaphthene
Concen: 107.92 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:154 Resp: 1206252
Ion Ratio Lower Upper
154 100
153 114.8 89.4 134.2
152 53.0 43.0 64.4

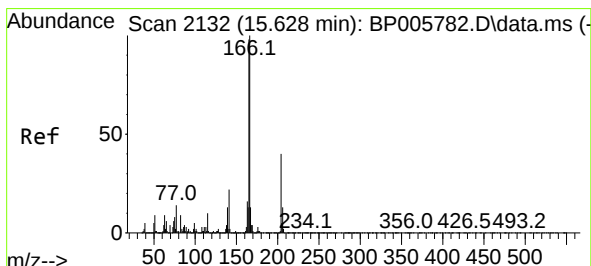
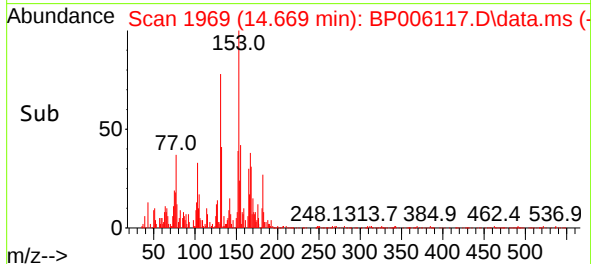
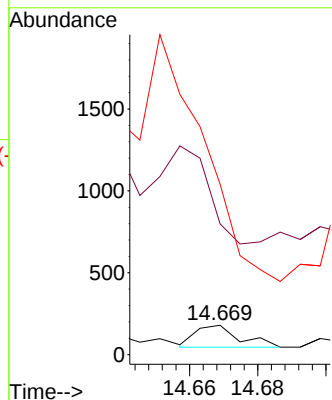
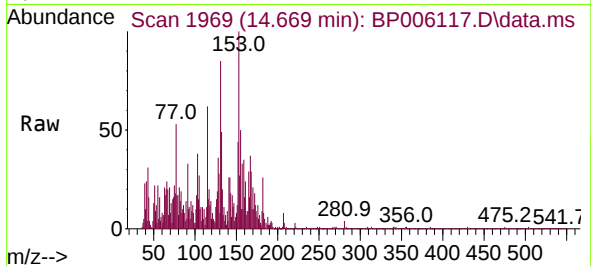




#54
2,4-Dinitrophenol
Concen: 4.90 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

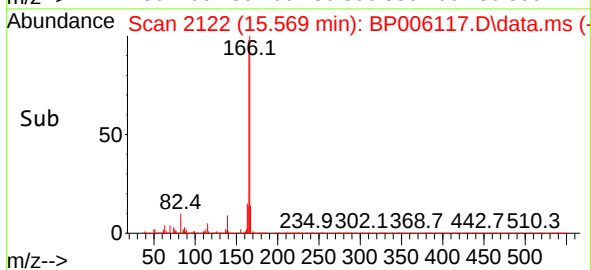
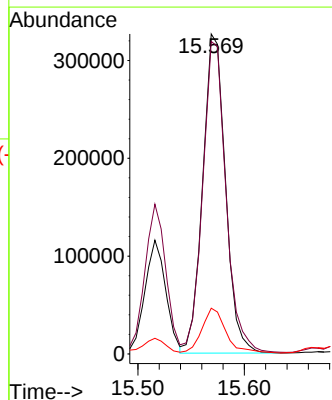
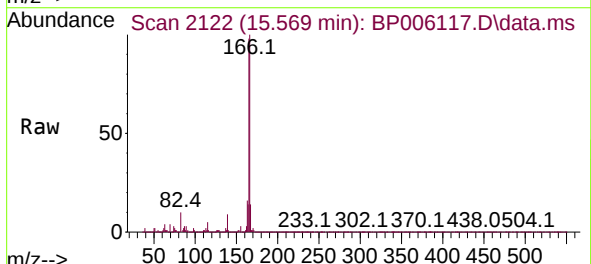
Instrument :
BNA_P
ClientSampleId :
MW-14

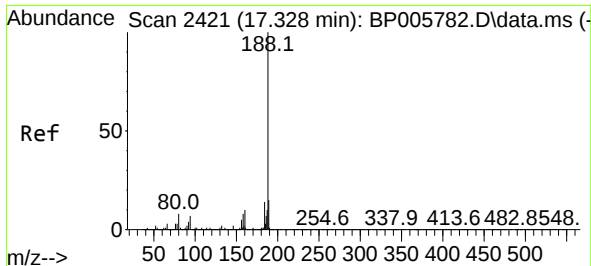
Tgt Ion:184 Resp: 119
Ion Ratio Lower Upper
184 100
63 446.4 47.0 70.6#
154 582.1 52.3 78.5#



#58
Fluorene
Concen: 33.86 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:166 Resp: 484910
Ion Ratio Lower Upper
166 100
165 97.7 78.0 117.0
167 14.3 10.5 15.7

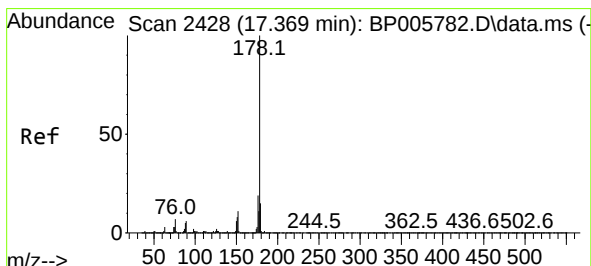
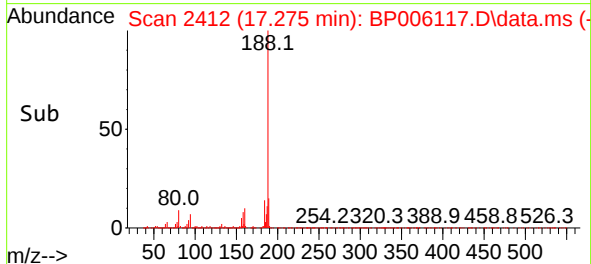
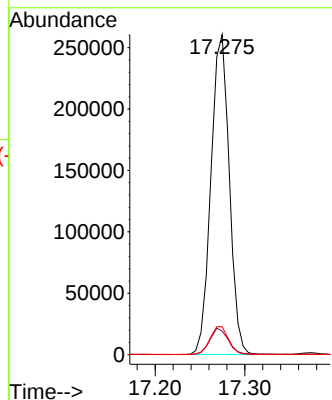
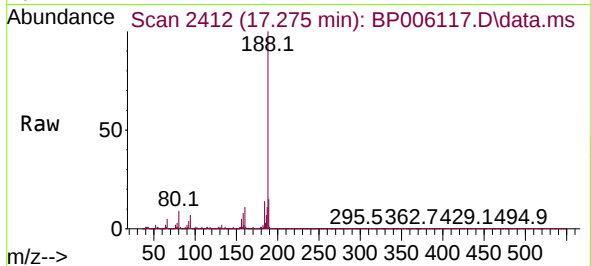




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

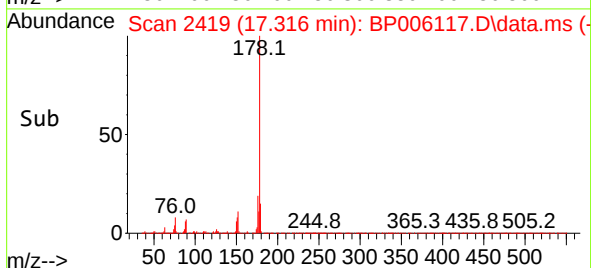
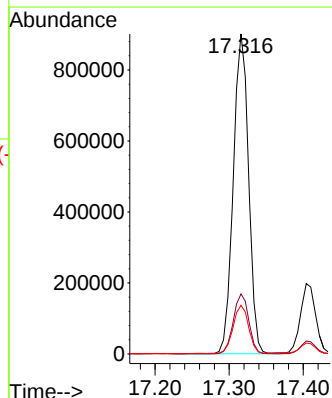
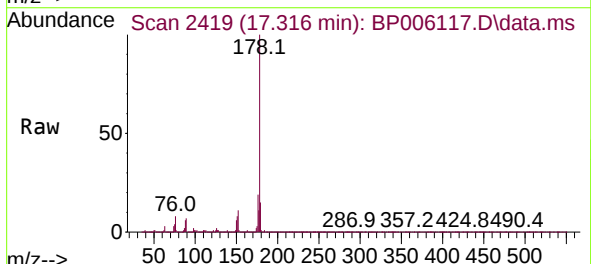
Instrument :
BNA_P
ClientSampled :
MW-14

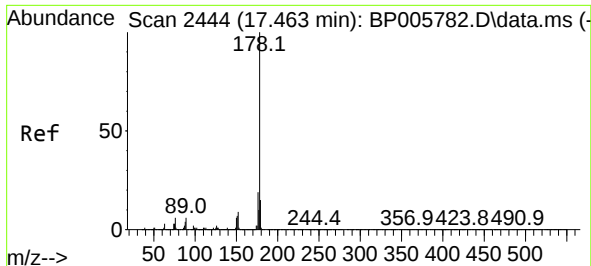
Tgt Ion:188 Resp: 370336
Ion Ratio Lower Upper
188 100
94 7.4 5.6 8.4
80 8.8 6.3 9.5



#71
Phenanthrene
Concen: 58.06 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:178 Resp: 1291380
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.2 12.4 18.6

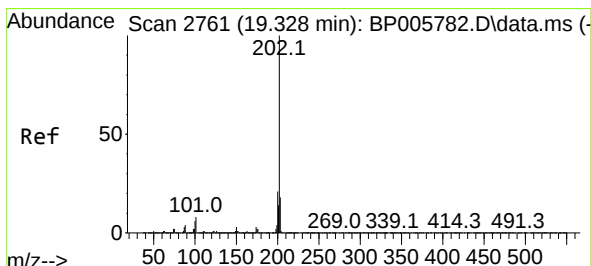
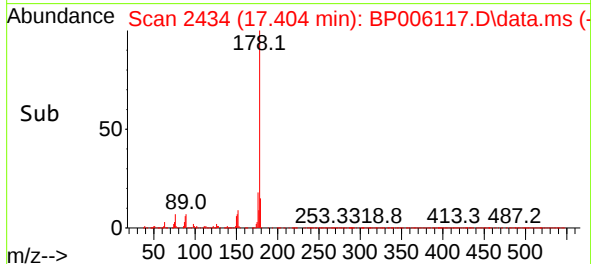
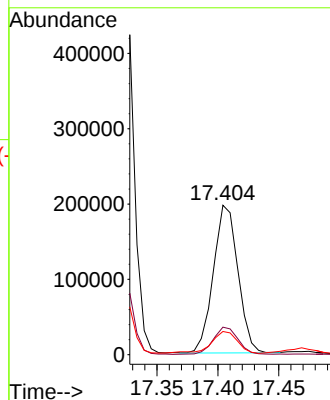
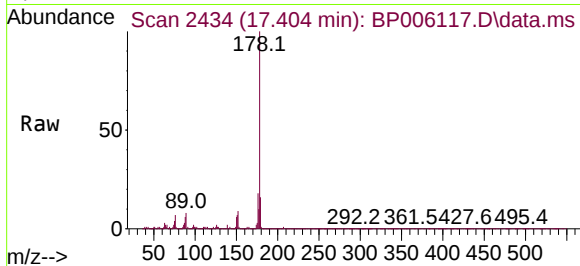




#72
 Anthracene
 Concen: 12.62 ng
 RT: 17.404 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BP006117.D
 Acq: 30 Jun 2021 20:31

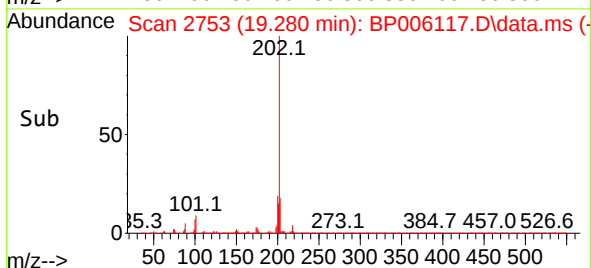
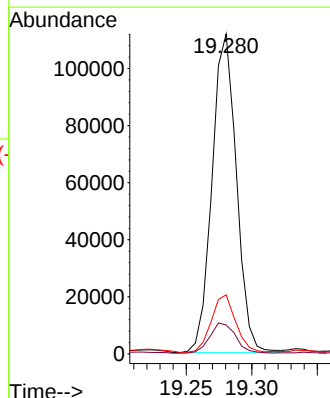
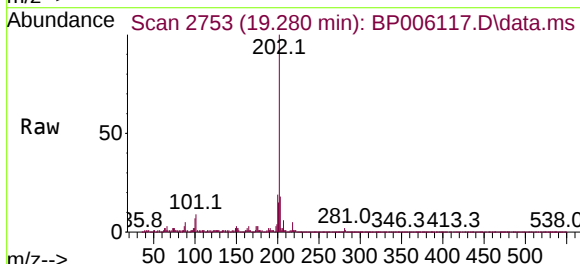
Instrument :
 BNA_P
 ClientSampleId :
 MW-14

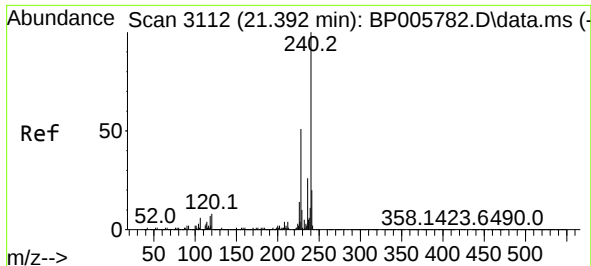
Tgt Ion:178 Resp: 276132
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.9 22.3
 179 15.5 12.2 18.2



#75
 Fluoranthene
 Concen: 5.35 ng
 RT: 19.280 min Scan# 2753
 Delta R.T. -0.006 min
 Lab File: BP006117.D
 Acq: 30 Jun 2021 20:31

Tgt Ion:202 Resp: 144605
 Ion Ratio Lower Upper
 202 100
 101 9.1 0.0 27.6
 203 18.5 0.0 37.8

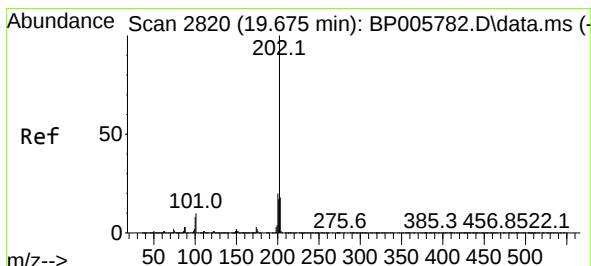
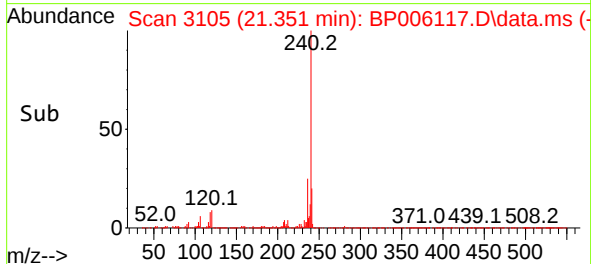
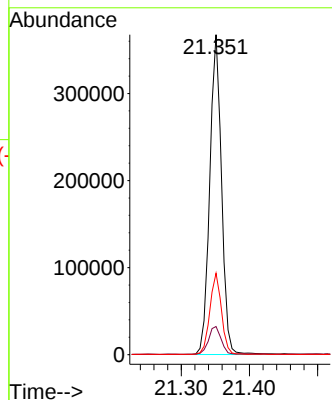
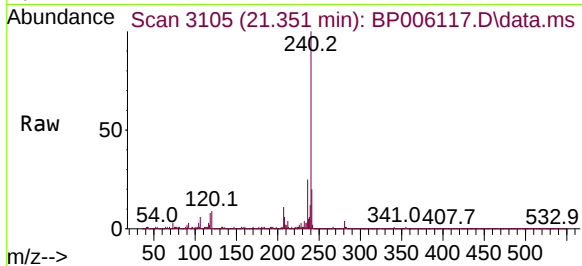




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

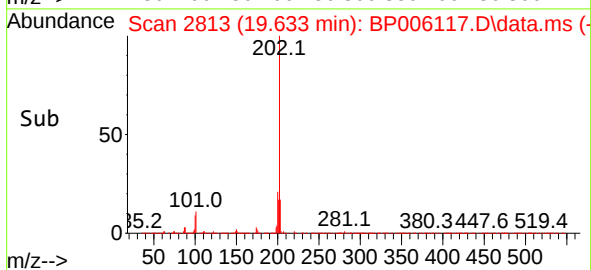
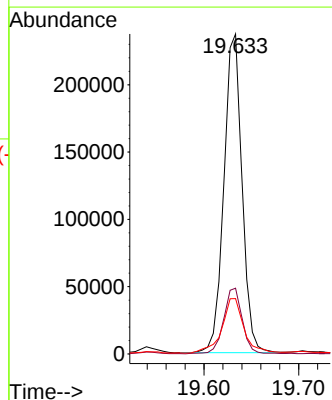
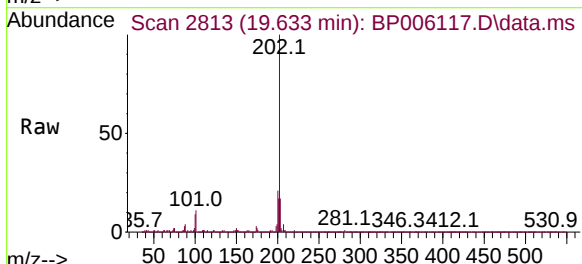
Instrument :
BNA_P
ClientSampleId :
MW-14

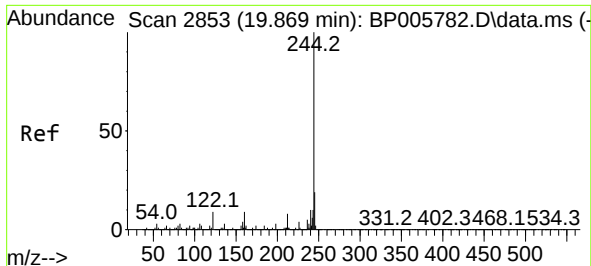
Tgt Ion:240 Resp: 440930
Ion Ratio Lower Upper
240 100
120 8.8 6.5 9.7
236 25.5 20.6 31.0



#78
Pyrene
Concen: 10.24 ng
RT: 19.633 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:202 Resp: 315178
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 17.3 14.2 21.2

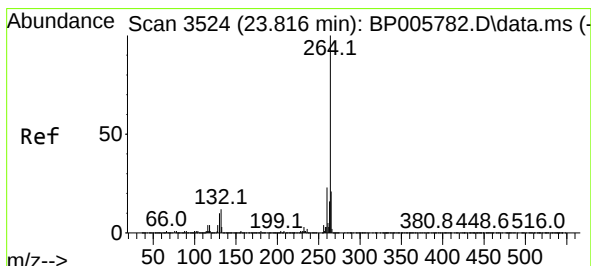
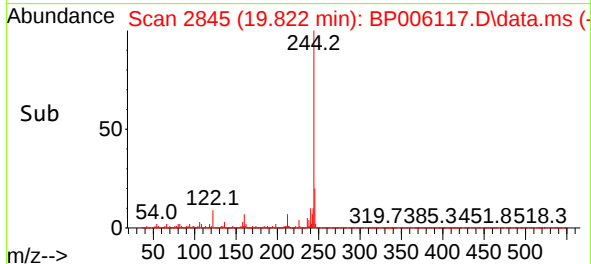
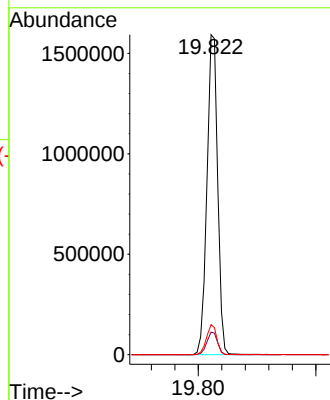
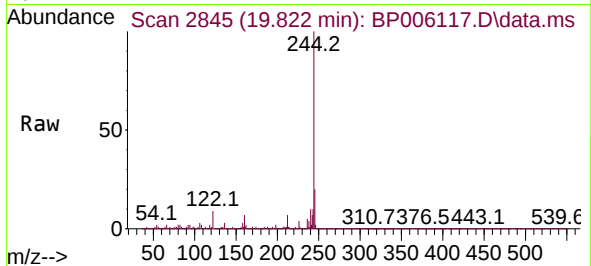




#79
Terphenyl-d14
Concen: 85.11 ng
RT: 19.822 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Instrument :
BNA_P
ClientSampleId :
MW-14

Tgt Ion:244 Resp: 2004142
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.4 7.1 10.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.745 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:264 Resp: 506721
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.1 17.6 26.4

