

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007131.D
 Acq On : 23 Sep 2021 18:46
 Operator : CG/JU
 Sample : M3798-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

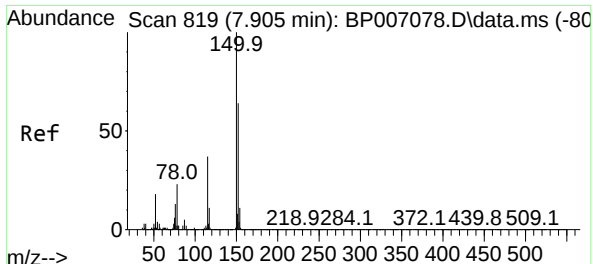
Instrument :
 BNA_P
 ClientSampleId :
 NAPL-07-(8-10)-END-POINT

Quant Time: Sep 24 01:01:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	120720	20.000	ng	#-0.02
21) Naphthalene-d8	10.704	136	960264	20.000	ng	# 0.01
39) Acenaphthene-d10	14.522	164	627953	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1239277	20.000	ng	0.00
76) Chrysene-d12	21.357	240	1293409	20.000	ng	# 0.00
86) Perylene-d12	23.762	264	1444477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1552668	215.298	ng	0.00
7) Phenol-d6	7.010	99	168711	17.116	ng	-0.05
23) Nitrobenzene-d5	9.075	82	1406678	85.309	ng	0.02
42) 2,4,6-Tribromophenol	16.016	330	1051174	129.119	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	3083427	70.346	ng	0.00
79) Terphenyl-d14	19.833	244	4527060	67.071	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.234	93	88876	8.180	ng	# 1
8) 2-Chlorophenol	7.510	128	19649	2.507	ng	# 77
9) Benzaldehyde	6.987	77	77818	14.015	ng	# 7
10) Phenol	7.022	94	230054	24.209	ng	# 61
11) bis(2-Chloroethyl)ether	7.328	93	155405	20.717	ng	# 1
15) Benzyl Alcohol	8.134	79	152150	24.101	ng	# 54
18) Hexachloroethane	8.940	117	260192	85.984	ng	# 1
19) n-Nitroso-di-n-propyla...	8.710	70	375380	70.022	ng	# 77
22) Acetophenone	8.745	105	671872	29.038	ng	# 53
24) Nitrobenzene	9.128	77	330849	21.045	ng	# 53
25) Isophorone	9.651	82	631281	21.956	ng	# 1
26) 2-Nitrophenol	9.845	139	62730	7.652	ng	# 1
27) 2,4-Dimethylphenol	9.892	122	33235	2.575	ng	# 61
28) bis(2-Chloroethoxy)met...	10.122	93	47517	2.342	ng	# 1
29) 2,4-Dichlorophenol	10.369	162	51202	3.401	ng	# 37
31) Naphthalene	10.757	128	3067373	62.589	ng	98
37) 2-Methylnaphthalene	12.357	142	674173	19.646	ng	97
38) 1-Methylnaphthalene	12.575	142	506994	15.121	ng	97
66) n-Nitrosodiphenylamine	15.786	169	90477	2.454	ng	# 51
71) Phenanthrene	17.316	178	138084	2.078	ng	# 92
74) Di-n-butylphthalate	18.233	149	266155	3.770	ng	# 95
80) Butylbenzylphthalate	20.504	149	106709	3.140	ng	92
84) Bis(2-ethylhexyl)phtha...	21.262	149	3364638	68.866	ng	98
85) Di-n-octyl phthalate	22.186	149	368152	4.426	ng	# 93

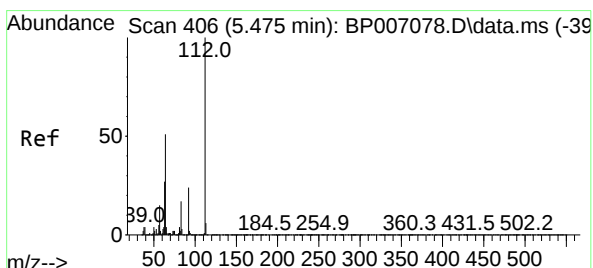
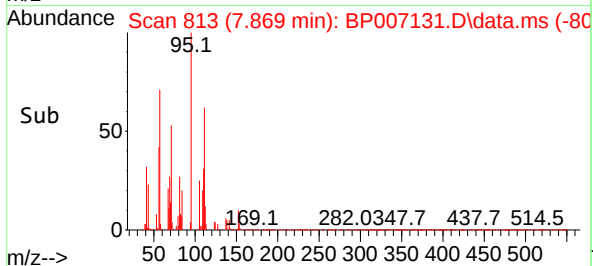
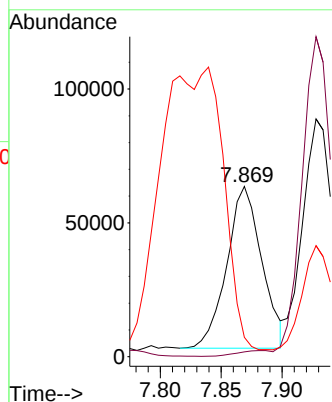
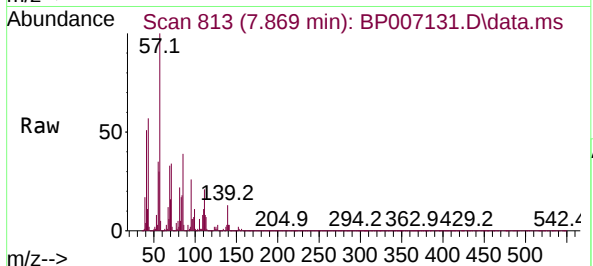
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.024 min
Lab File: BP007131.D
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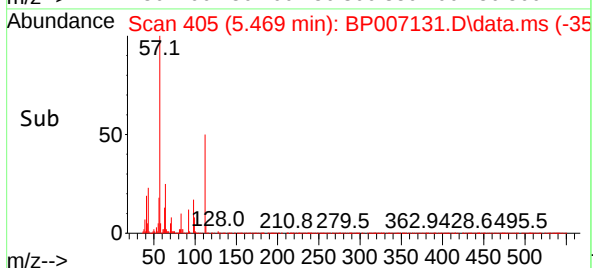
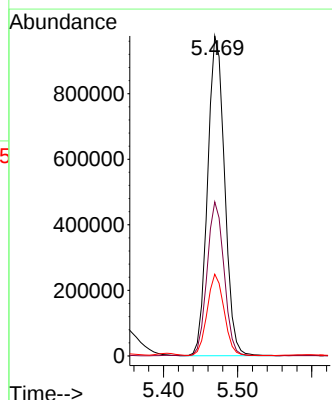
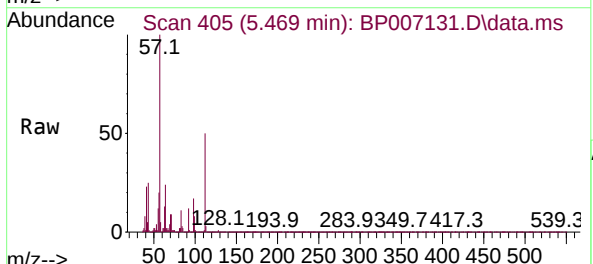
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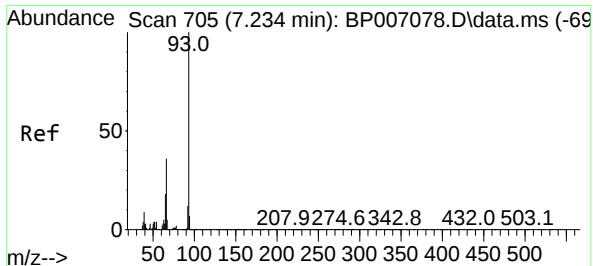
Tgt Ion:152 Resp: 120720
Ion Ratio Lower Upper
152 100
150 2.9 125.6 188.4#
115 11.4 48.5 72.7#



#5
2-Fluorophenol
Concen: 215.298 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:112 Resp: 1552668
Ion Ratio Lower Upper
112 100
64 48.2 41.4 62.2
63 25.5 23.8 35.8

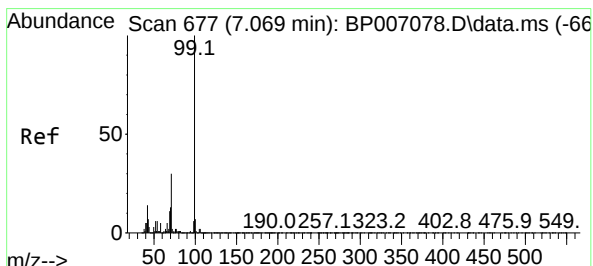
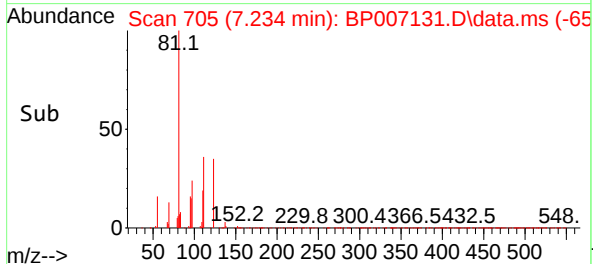
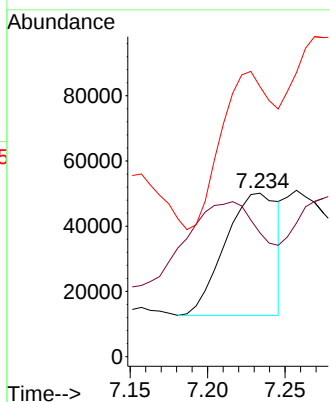
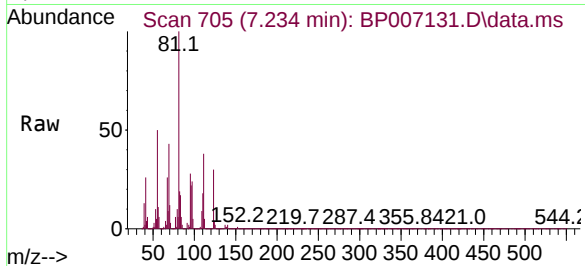




#6
Aniline
Concen: 8.180 ng
RT: 7.234 min Scan# 705
Delta R.T. 0.011 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

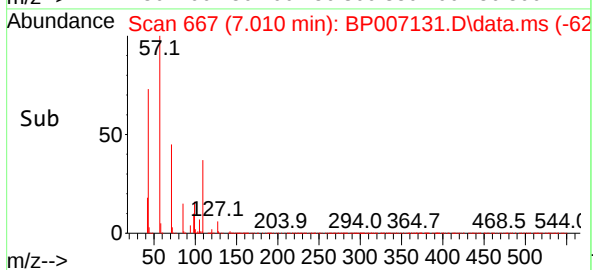
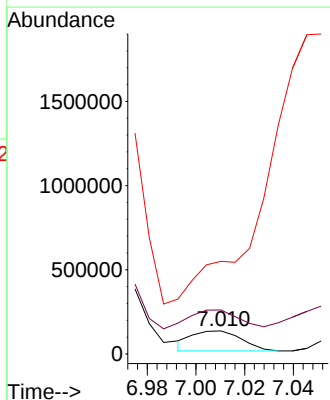
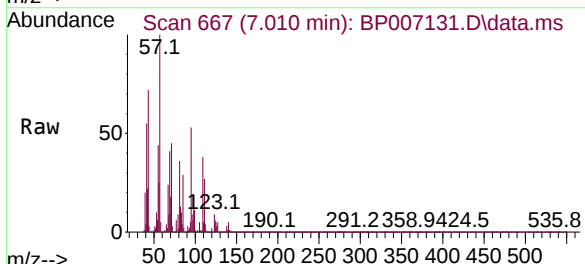
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

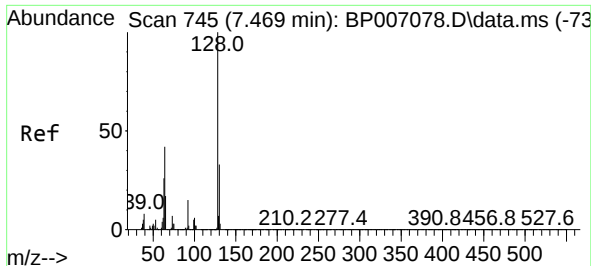
Tgt Ion:	93	Resp:	88876
Ion	Ratio	Lower	Upper
93	100		
66	75.8	29.7	44.5#
65	165.3	15.3	22.9#



#7
Phenol-d6
Concen: 17.116 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.053 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:	99	Resp:	168711
Ion	Ratio	Lower	Upper
99	100		
42	190.2	13.4	20.0#
71	401.1	30.6	46.0#

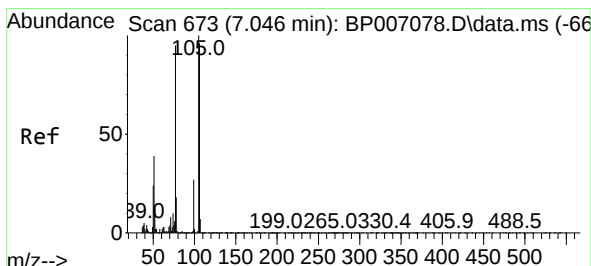
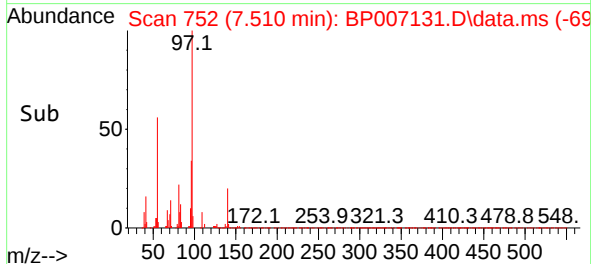
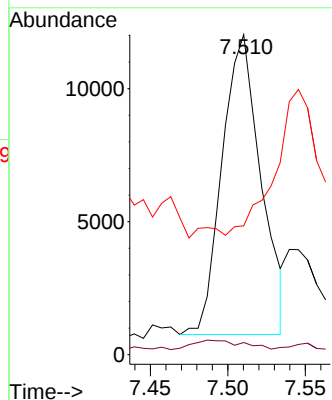
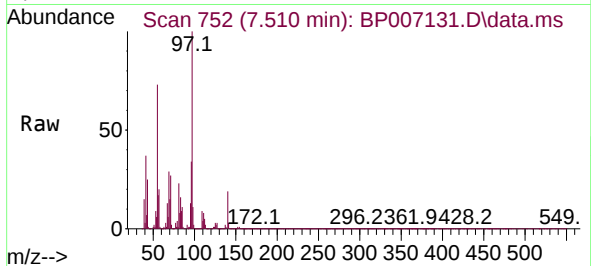




#8
2-Chlorophenol
Concen: 2.507 ng
RT: 7.510 min Scan# 752
Delta R.T. 0.053 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

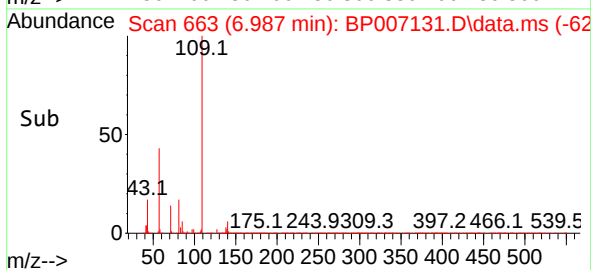
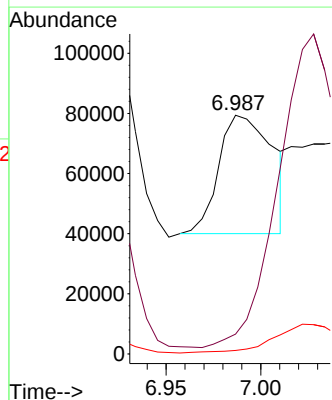
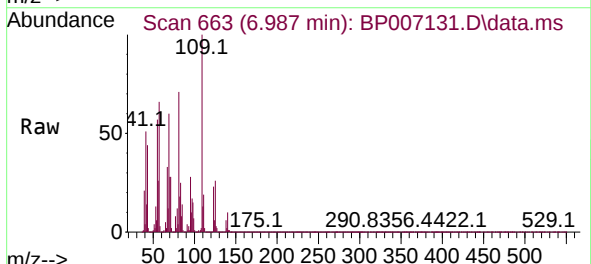
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

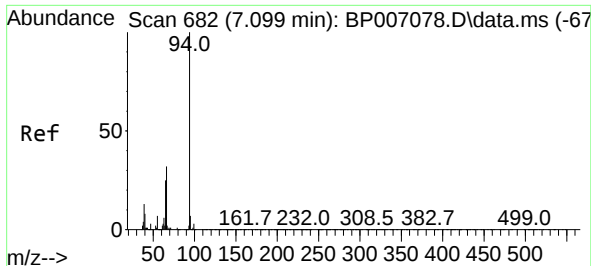
Tgt Ion:128 Resp: 19649
Ion Ratio Lower Upper
128 100
130 3.8 12.4 52.4#
64 40.2 20.3 60.3



#9
Benzaldehyde
Concen: 14.015 ng
RT: 6.987 min Scan# 663
Delta R.T. -0.047 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

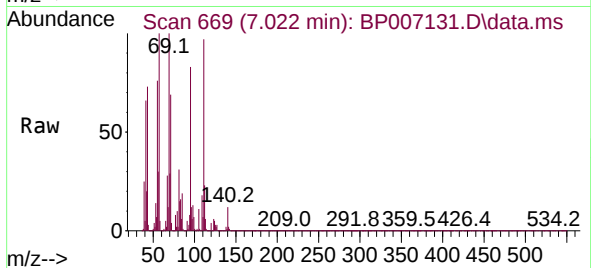
Tgt Ion: 77 Resp: 77818
Ion Ratio Lower Upper
77 100
105 8.3 76.7 116.7#
106 1.5 76.2 116.2#



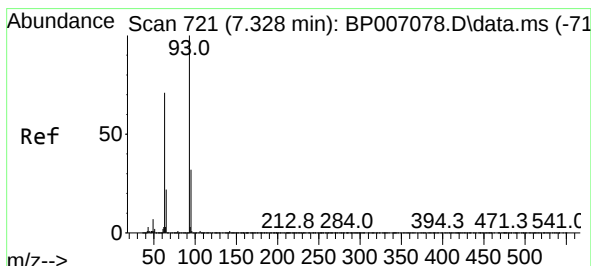
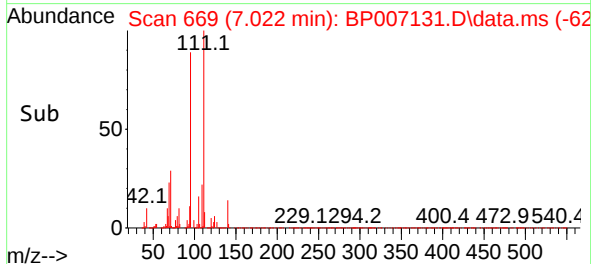
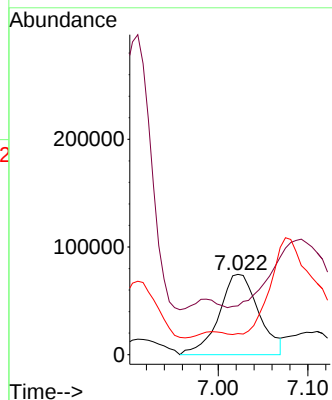


#10
Phenol
Concen: 24.209 ng
RT: 7.022 min Scan# 669
Delta R.T. -0.065 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

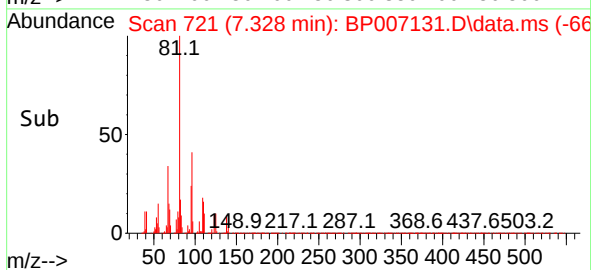
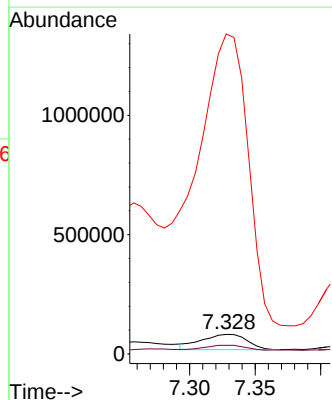
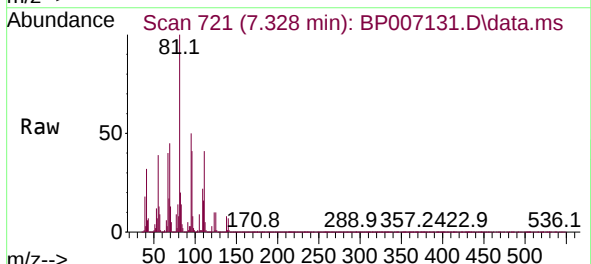


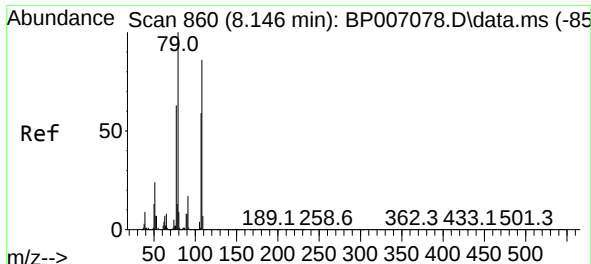
Tgt Ion: 94 Resp: 230054
Ion Ratio Lower Upper
94 100
65 60.9 8.8 48.8#
66 26.3 20.7 60.7



#11
bis(2-Chloroethyl)ether
Concen: 20.717 ng
RT: 7.328 min Scan# 721
Delta R.T. 0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion: 93 Resp: 155405
Ion Ratio Lower Upper
93 100
63 44.0 46.2 86.2#
95 1636.4 12.2 52.2#

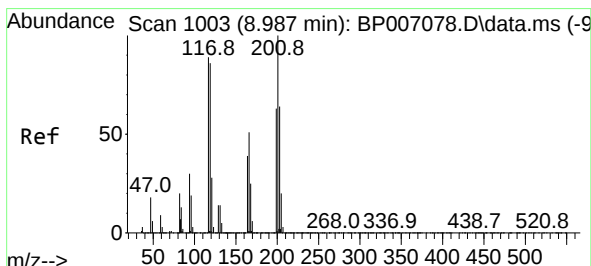
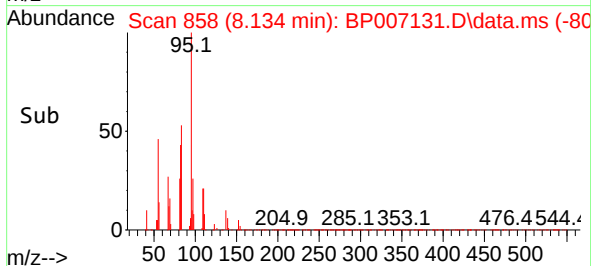
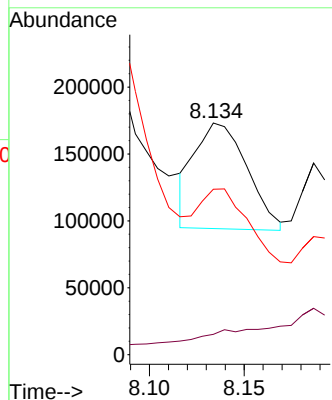
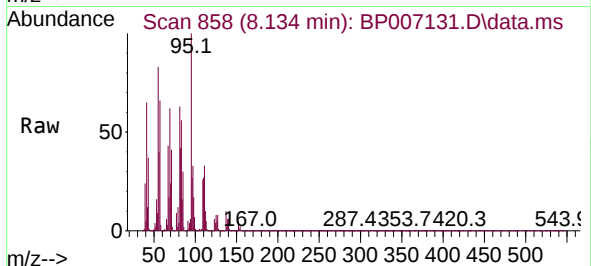




#15
Benzyl Alcohol
Concen: 24.101 ng
RT: 8.134 min Scan# 858
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

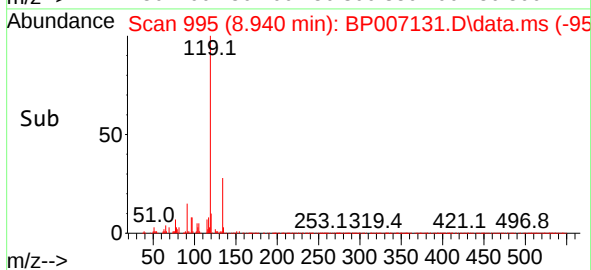
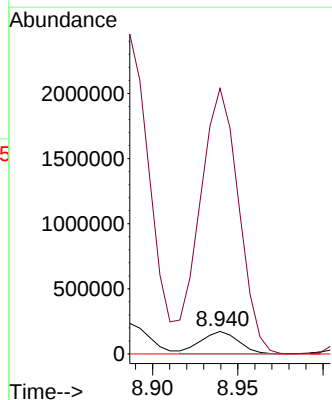
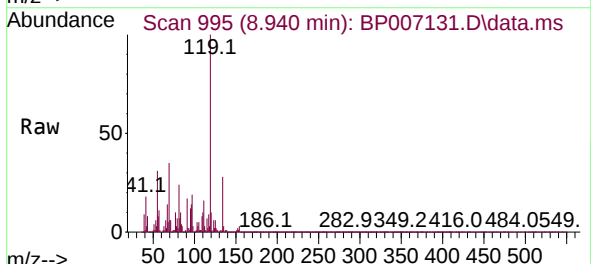
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ClientSampleId :
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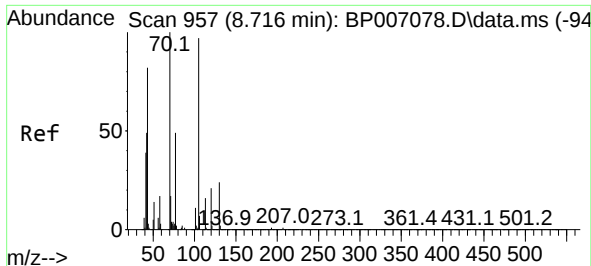
Tgt Ion: 79 Resp: 152150
Ion Ratio Lower Upper
79 100
108 8.8 62.5 93.7#
77 71.4 52.9 79.3



#18
Hexachloroethane
Concen: 85.984 ng
RT: 8.940 min Scan# 995
Delta R.T. -0.036 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion: 117 Resp: 260192
Ion Ratio Lower Upper
117 100
119 1176.4 76.2 114.2#
201 0.0 83.4 125.0#

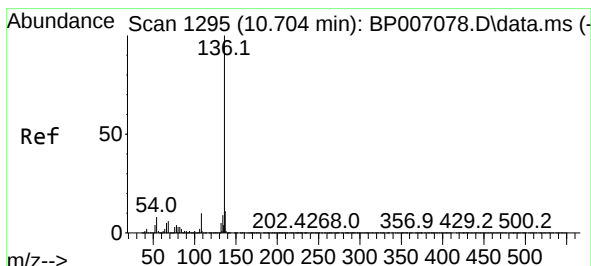
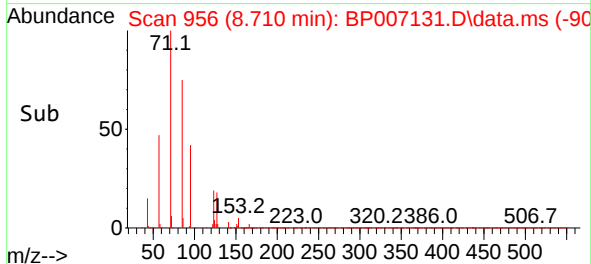
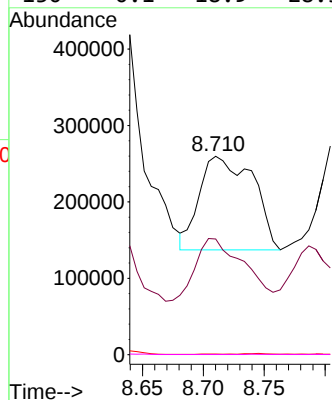
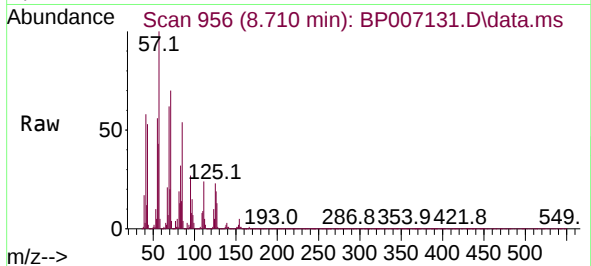




#19
n-Nitroso-di-n-propylamine
Concen: 70.022 ng
RT: 8.710 min Scan# 956
Delta R.T. 0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

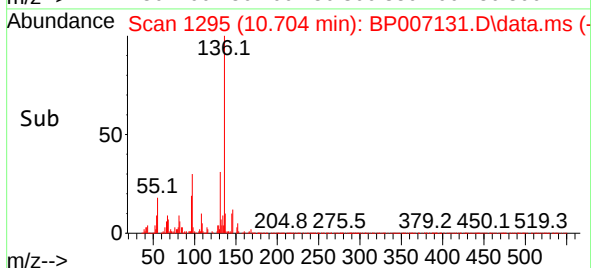
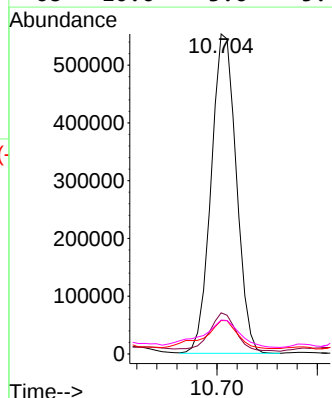
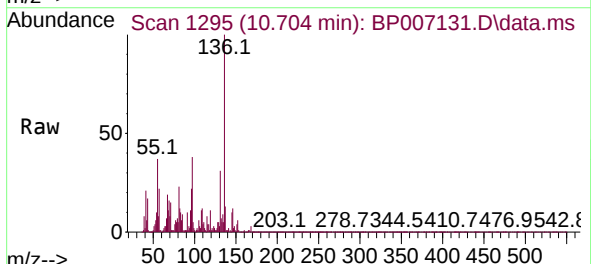
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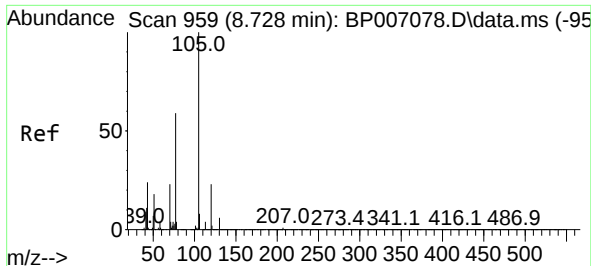
Tgt Ion:	70	Resp:	375380
Ion	Ratio	Lower	Upper
70	100		
42	58.3	40.8	61.2
101	0.4	8.8	13.2#
130	0.1	18.9	28.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. 0.011 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

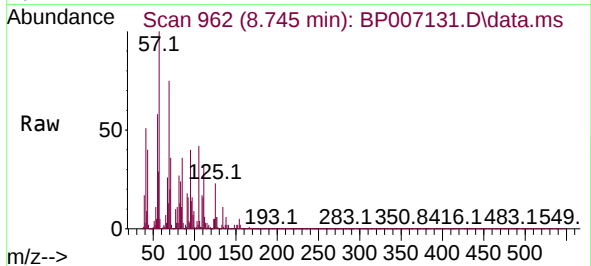
Tgt Ion:	136	Resp:	960264
Ion	Ratio	Lower	Upper
136	100		
137	12.9	8.6	12.8#
54	10.5	4.6	6.8#
68	10.6	3.6	5.4#



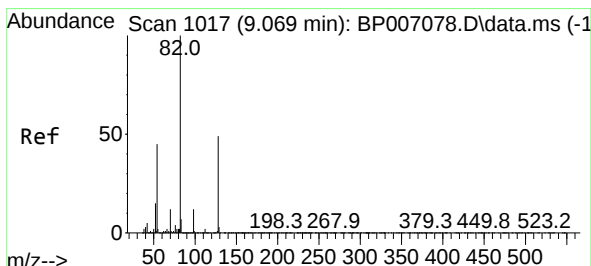
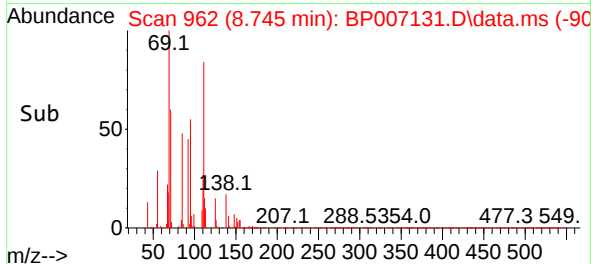
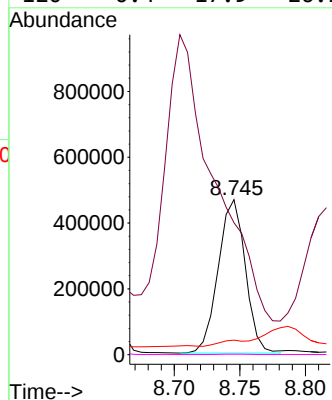


#22
Acetophenone
Concen: 29.038 ng
RT: 8.745 min Scan# 962
Delta R.T. 0.023 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Instrument :
BNA_P
ClientSampleId :
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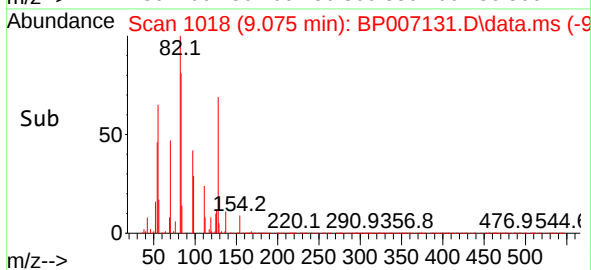
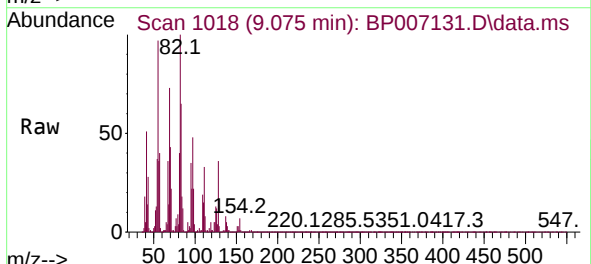
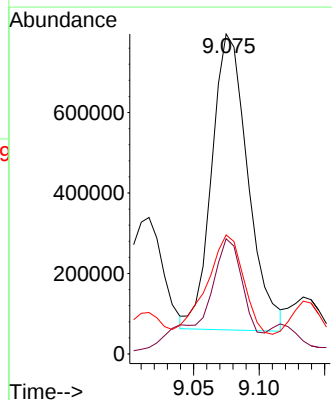


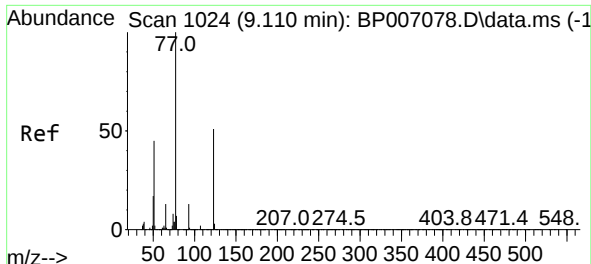
Tgt Ion	Ratio	Lower	Upper
105	100		
71	85.2	1.9	2.9#
51	9.3	18.4	27.6#
120	0.4	17.9	26.9#



#23
Nitrobenzene-d5
Concen: 85.309 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.017 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	35.7	53.5
54	37.2	35.0	52.4

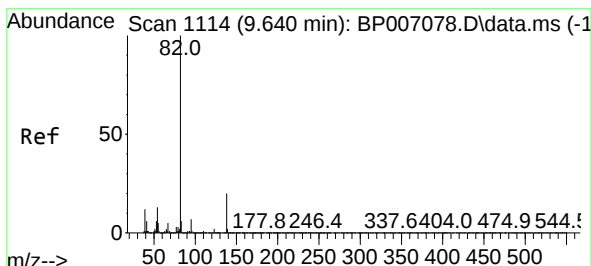
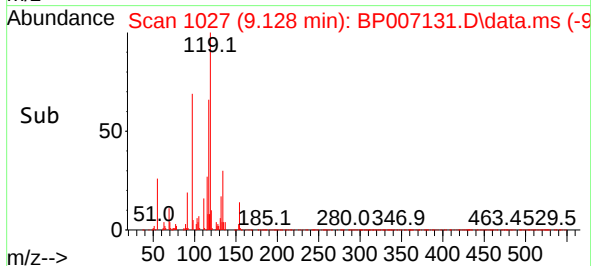
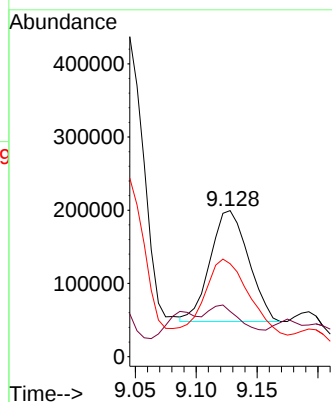
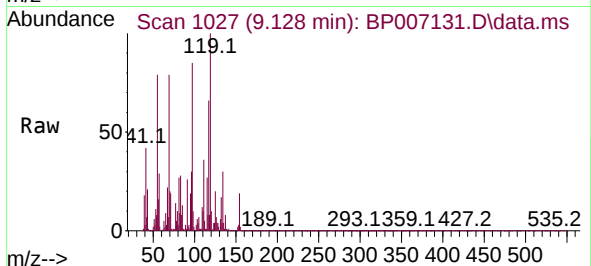




#24
Nitrobenzene
Concen: 21.045 ng
RT: 9.128 min Scan# 1027
Delta R.T. 0.029 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

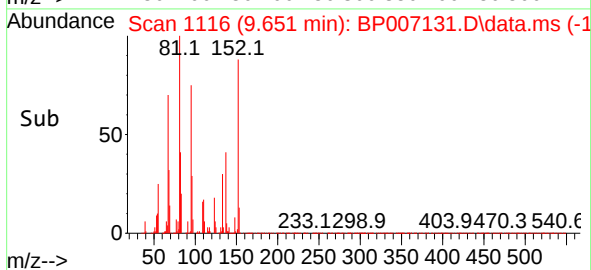
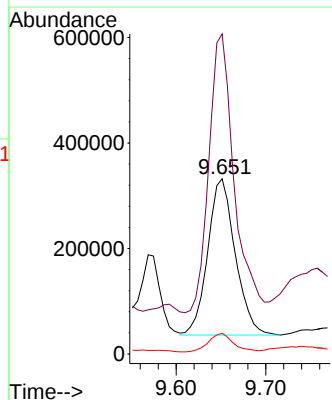
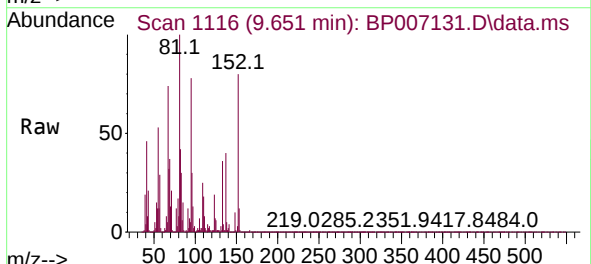
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

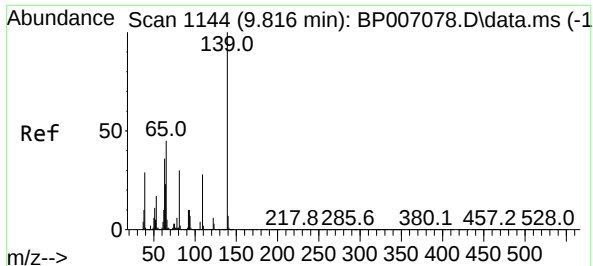
Tgt Ion: 77 Resp: 330849
Ion Ratio Lower Upper
77 100
123 31.0 38.2 57.2#
65 63.7 11.4 17.2#



#25
Isophorone
Concen: 21.956 ng
RT: 9.651 min Scan# 1116
Delta R.T. 0.023 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion: 82 Resp: 631281
Ion Ratio Lower Upper
82 100
95 182.7 6.5 9.7#
138 11.8 15.0 22.4#

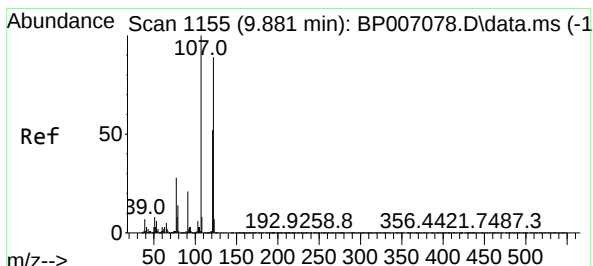
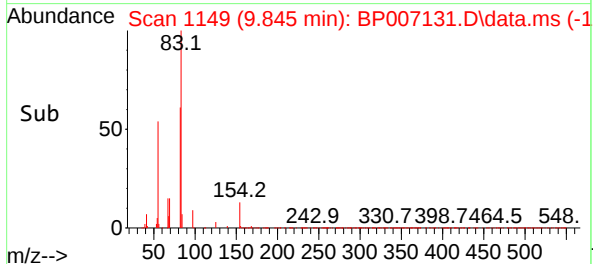
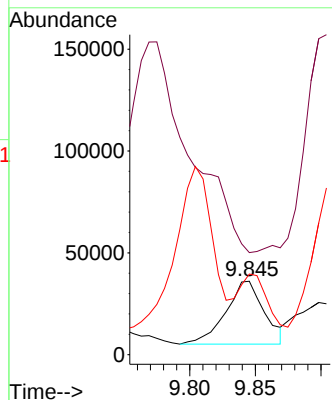
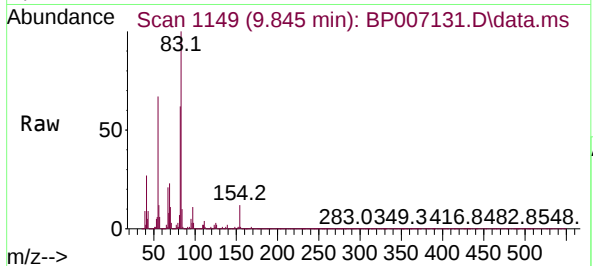




#26
2-Nitrophenol
Concen: 7.652 ng
RT: 9.845 min Scan# 1149
Delta R.T. 0.035 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

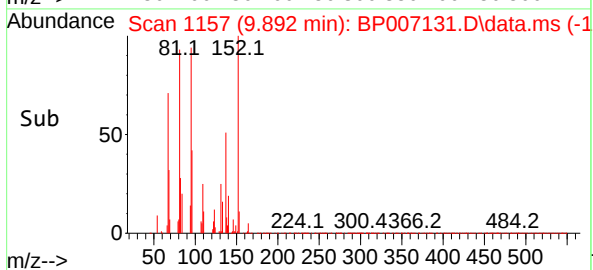
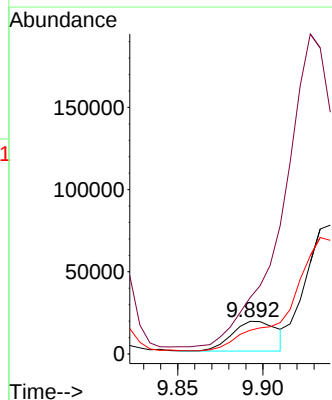
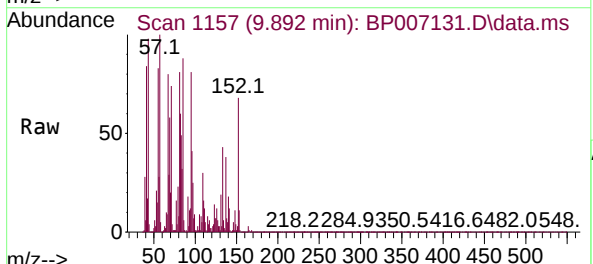
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

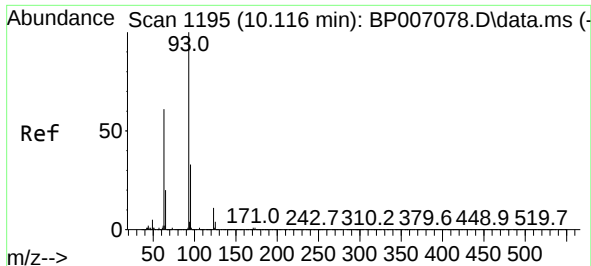
Tgt Ion:139 Resp: 62730
Ion Ratio Lower Upper
139 100
109 138.9 28.8 43.2#
65 109.9 41.0 61.6#



#27
2,4-Dimethylphenol
Concen: 2.575 ng
RT: 9.892 min Scan# 1157
Delta R.T. 0.023 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:122 Resp: 33235
Ion Ratio Lower Upper
122 100
107 172.7 94.5 141.7#
121 72.7 47.4 71.2#

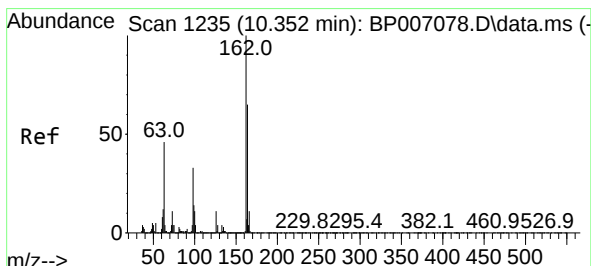
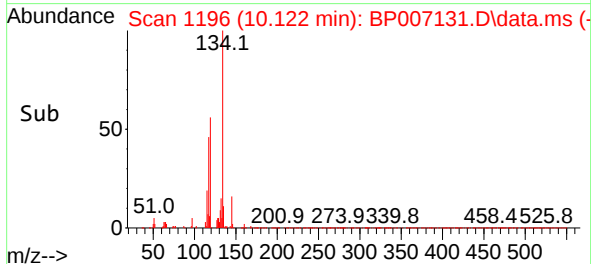
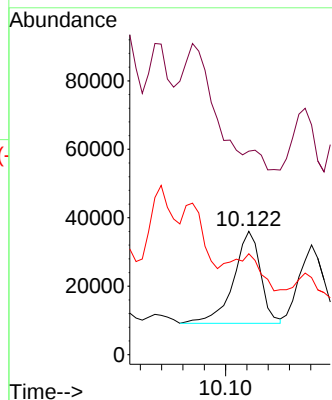
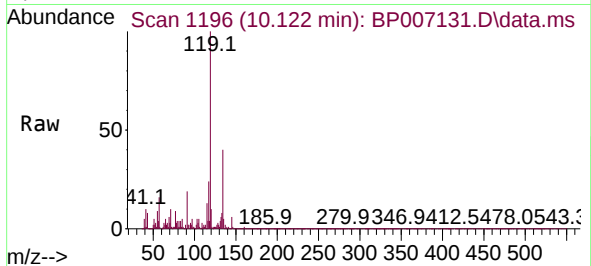




#28
bis(2-Chloroethoxy)methane
Concen: 2.342 ng
RT: 10.122 min Scan# 1196
Delta R.T. 0.011 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

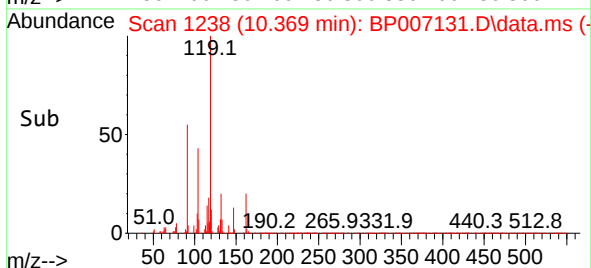
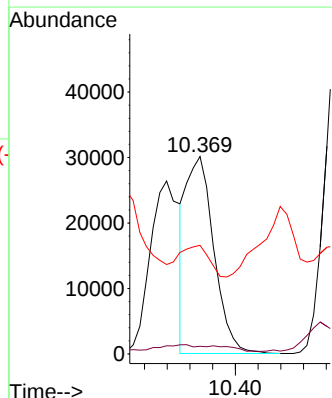
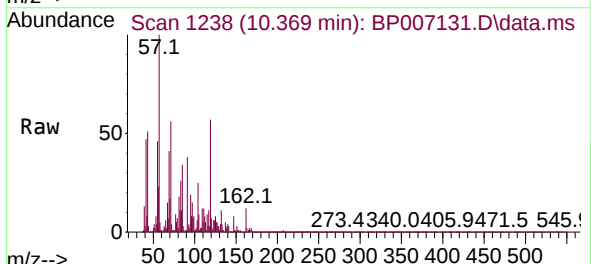
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

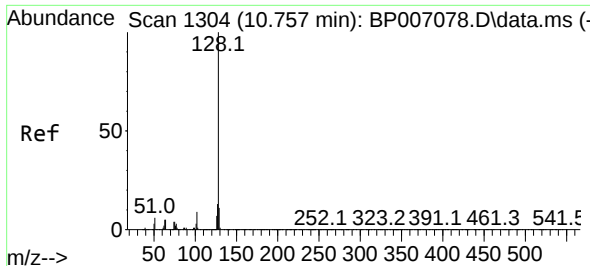
Tgt Ion: 93 Resp: 47517
Ion Ratio Lower Upper
93 100
95 164.9 25.9 38.9#
123 81.8 10.2 15.2#



#29
2,4-Dichlorophenol
Concen: 3.401 ng
RT: 10.369 min Scan# 1238
Delta R.T. 0.023 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:162 Resp: 51202
Ion Ratio Lower Upper
162 100
164 3.9 44.9 84.9#
98 55.0 14.3 54.3#

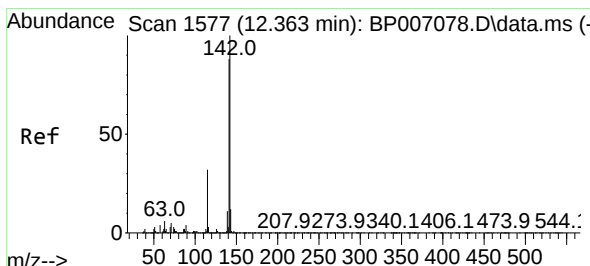
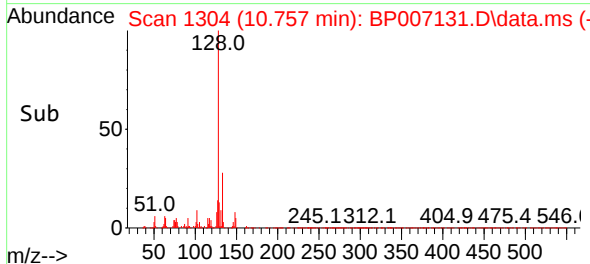
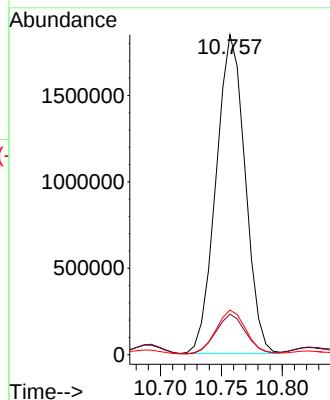
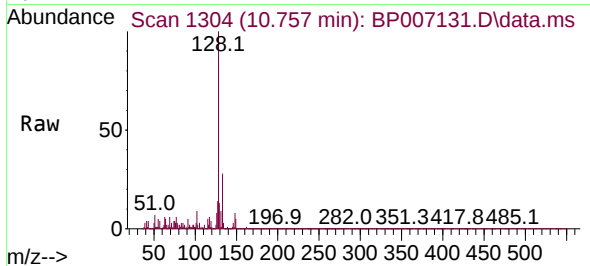




#31
Naphthalene
Concen: 62.589 ng
RT: 10.757 min Scan# 1304
Delta R.T. 0.011 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

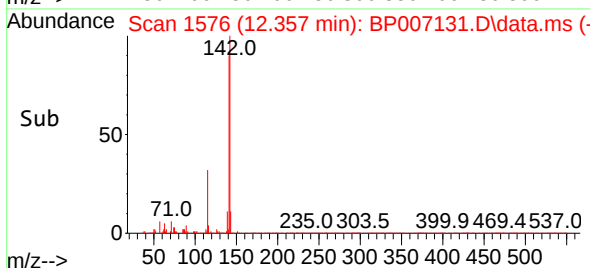
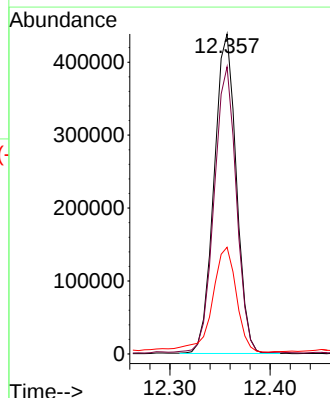
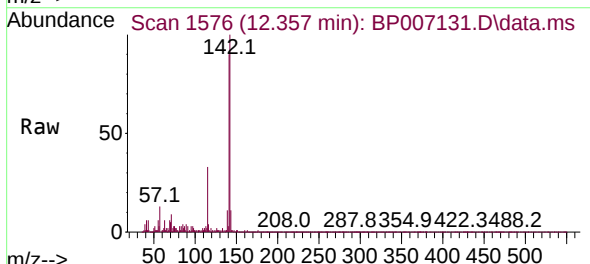
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

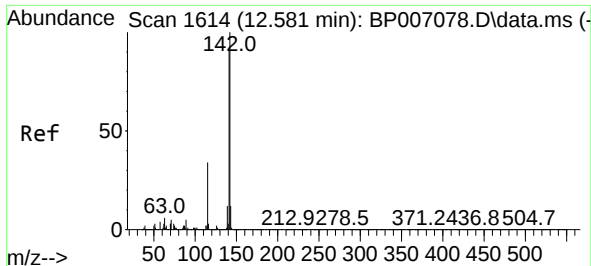
Tgt Ion:128 Resp: 3067373
Ion Ratio Lower Upper
128 100
129 12.6 9.0 13.6
127 14.0 10.7 16.1



#37
2-Methylnaphthalene
Concen: 19.646 ng
RT: 12.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:142 Resp: 674173
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.6
115 33.3 31.6 47.4

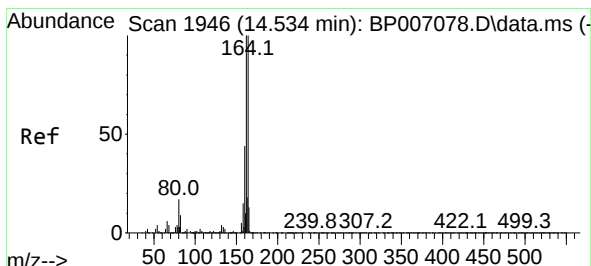
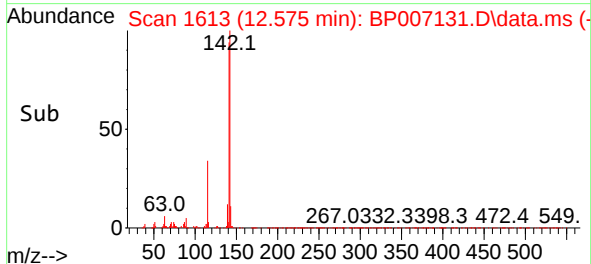
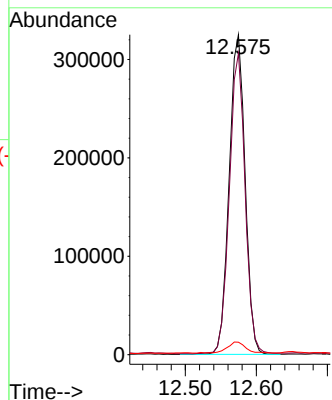
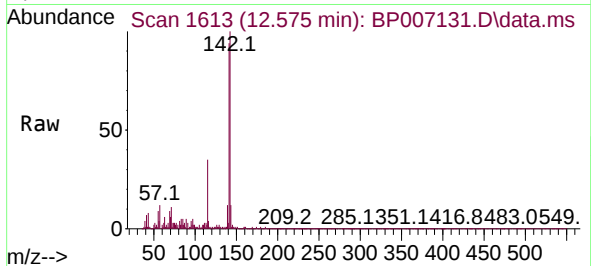




#38
1-Methylnaphthalene
Concen: 15.121 ng
RT: 12.575 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

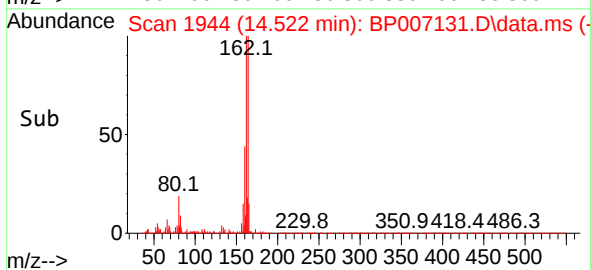
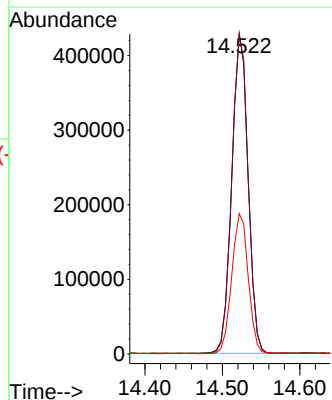
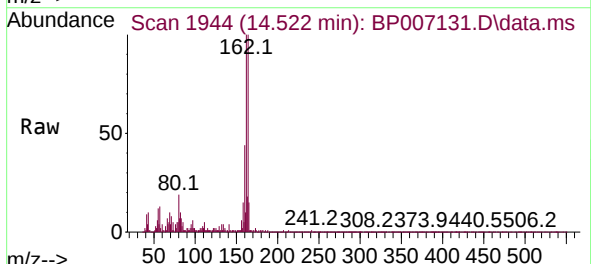
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

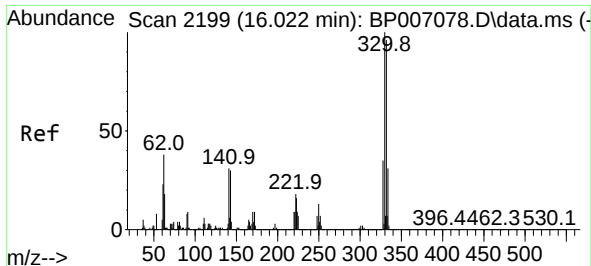
Tgt Ion:142 Resp: 506994
Ion Ratio Lower Upper
142 100
141 94.2 73.3 109.9
116 3.9 3.5 5.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:164 Resp: 627953
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 43.9 34.5 51.7

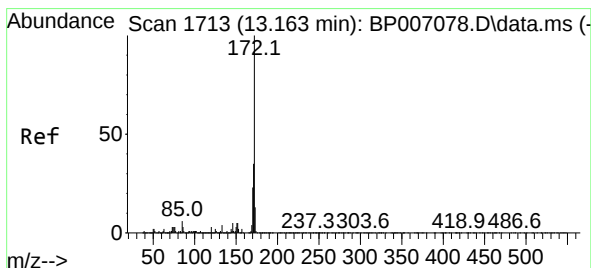
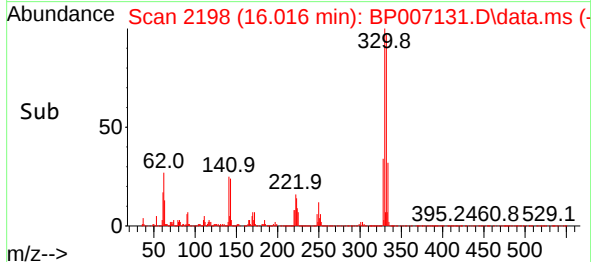
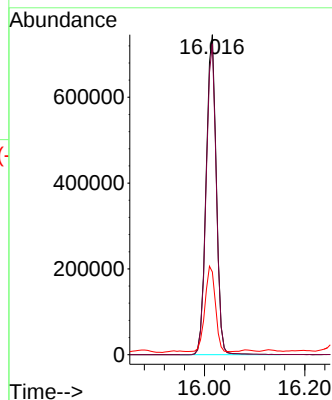
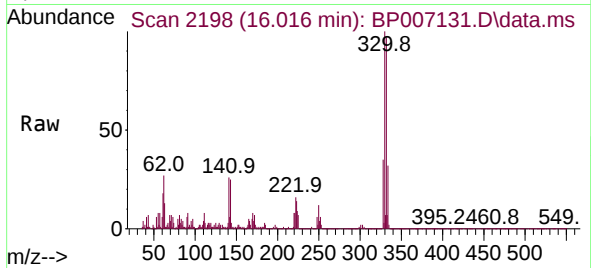




#42
2,4,6-Tribromophenol
Concen: 129.119 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

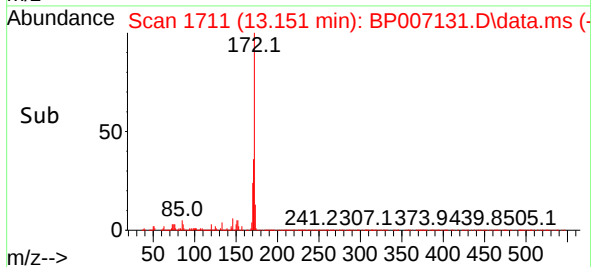
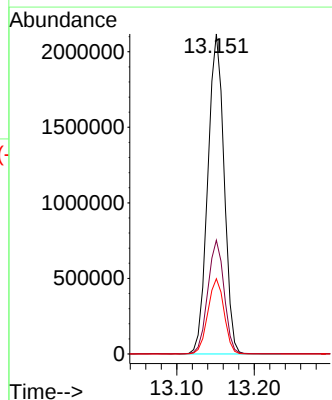
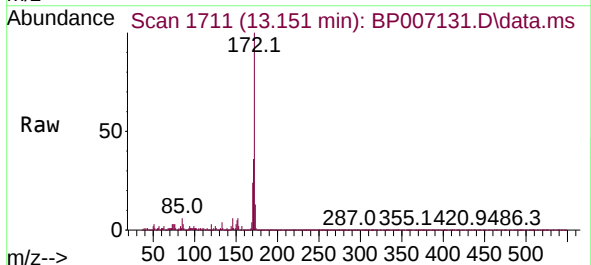
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

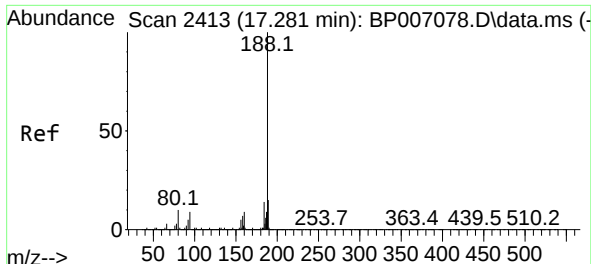
Tgt Ion:330 Resp: 1051174
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 27.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 70.346 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:172 Resp: 3083427
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.5 18.6 27.8

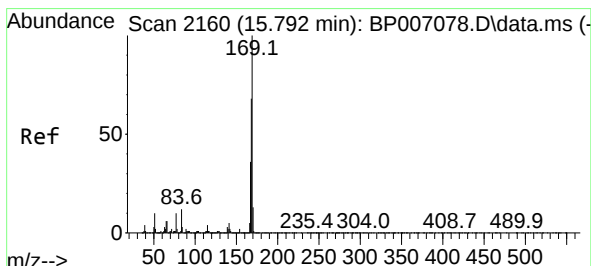
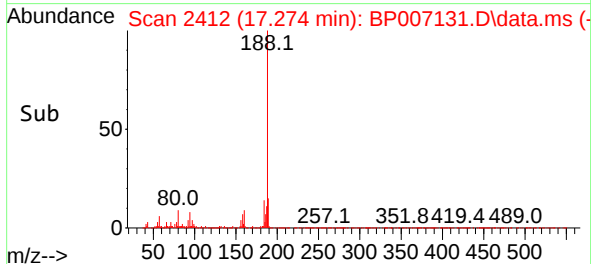
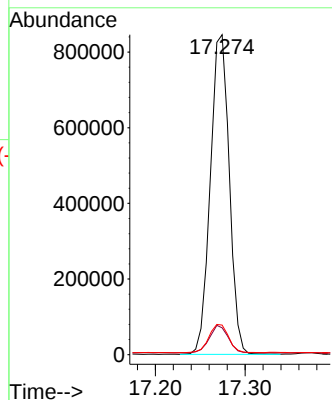
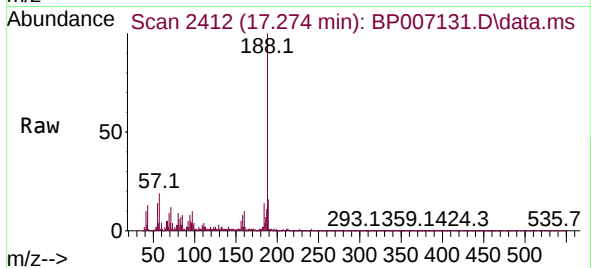




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

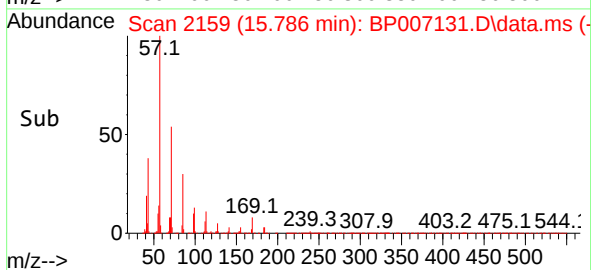
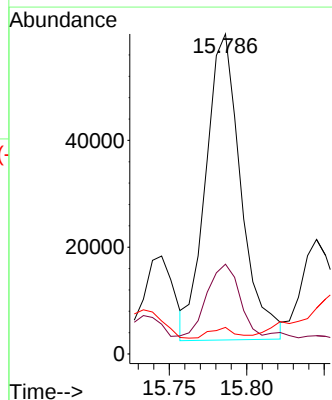
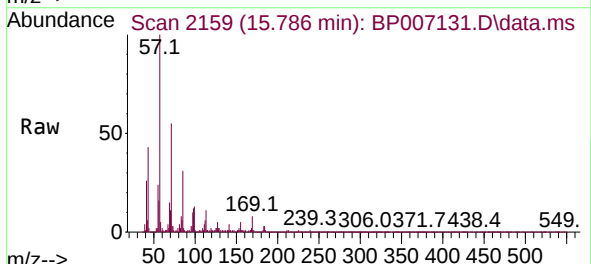
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

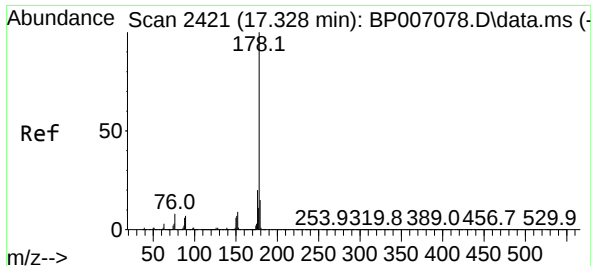
Tgt Ion:188 Resp: 1239277
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4
80 9.2 6.3 9.5



#66
n-Nitrosodiphenylamine
Concen: 2.454 ng
RT: 15.786 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:169 Resp: 90477
Ion Ratio Lower Upper
169 100
168 28.1 54.4 81.6#
167 8.3 29.0 43.6#

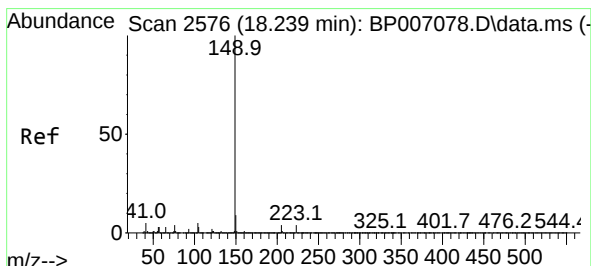
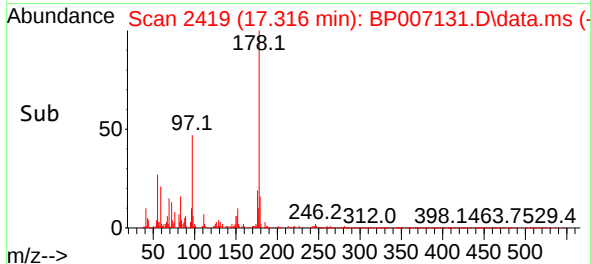
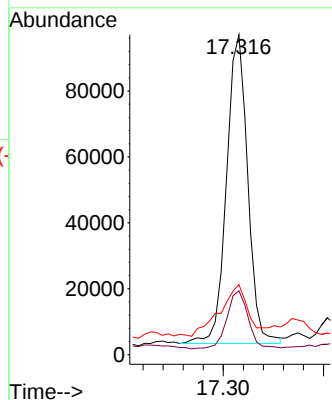
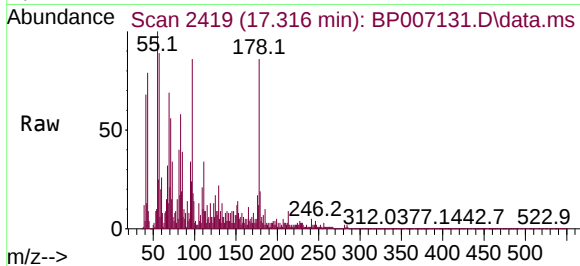




#71
Phenanthrene
Concen: 2.078 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

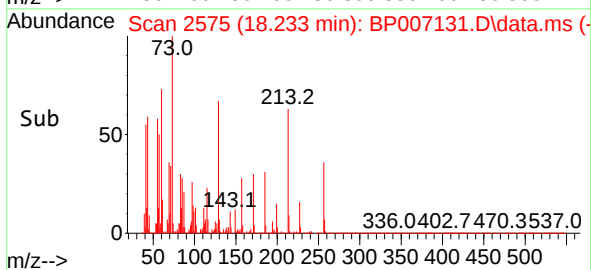
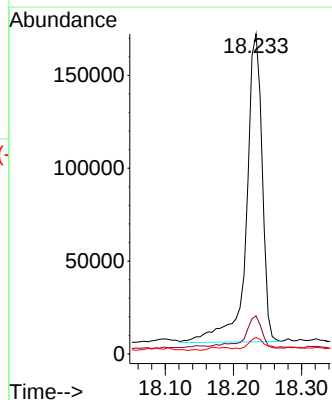
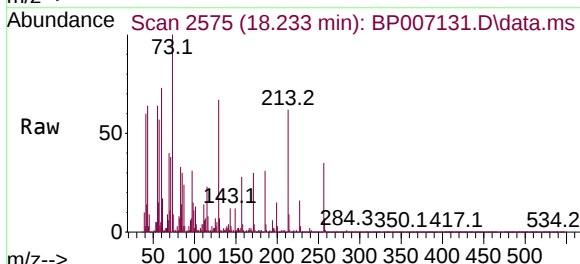
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

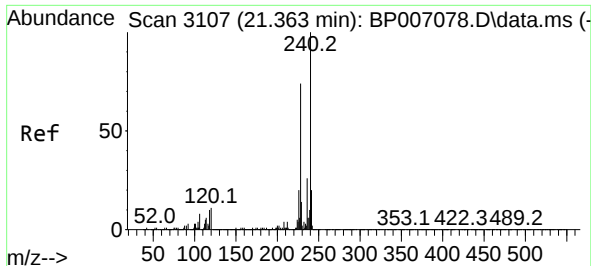
Tgt Ion:178 Resp: 138084
Ion Ratio Lower Upper
178 100
176 20.0 15.1 22.7
179 21.9 12.4 18.6#



#74
Di-n-butylphthalate
Concen: 3.770 ng
RT: 18.233 min Scan# 2575
Delta R.T. 0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:149 Resp: 266155
Ion Ratio Lower Upper
149 100
150 11.9 7.3 10.9#
104 5.1 4.5 6.7

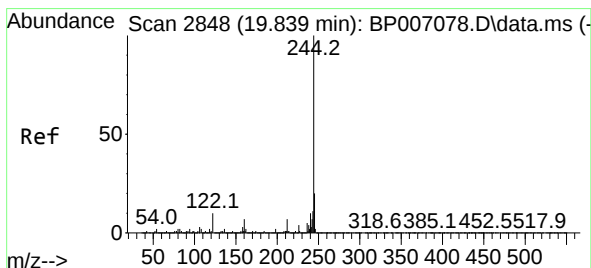
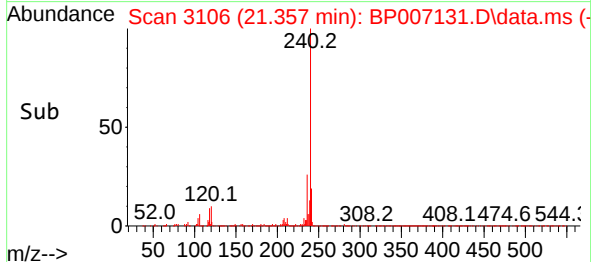
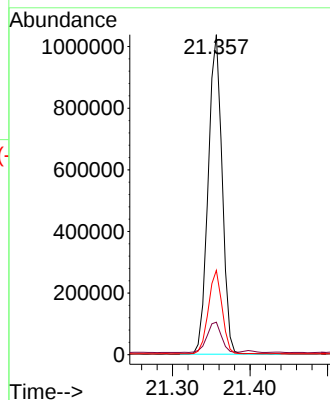
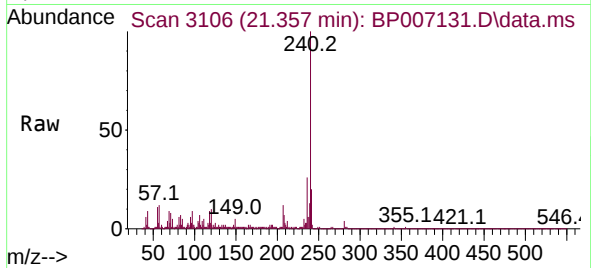




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

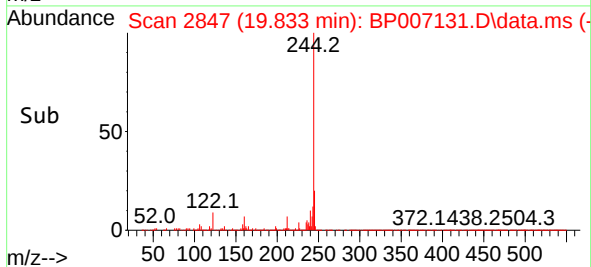
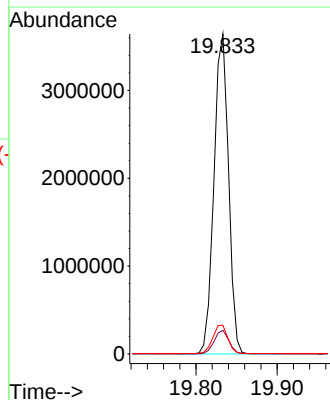
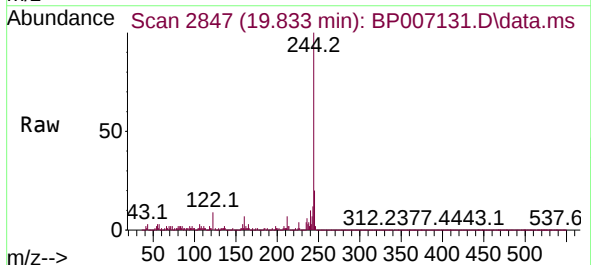
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

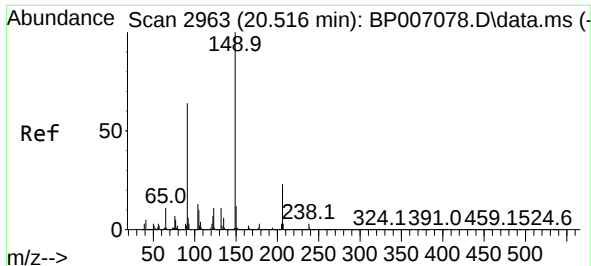
Tgt Ion:240 Resp: 1293409
Ion Ratio Lower Upper
240 100
120 10.2 6.5 9.7#
236 26.4 20.6 31.0



#79
Terphenyl-d14
Concen: 67.071 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:244 Resp: 4527060
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 9.0 7.1 10.7

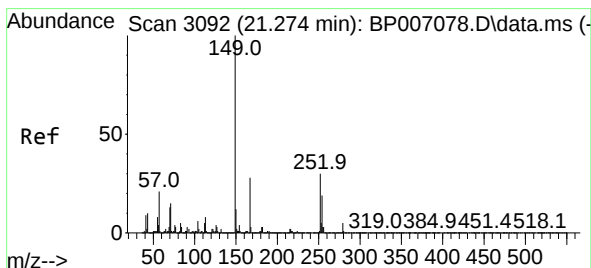
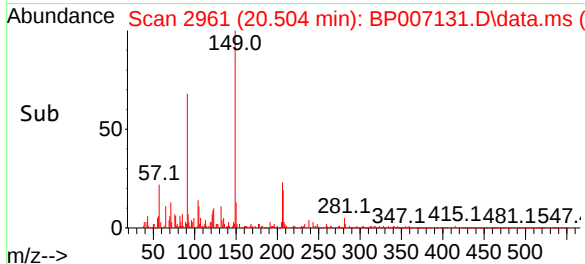
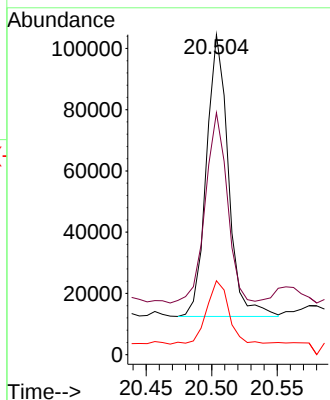
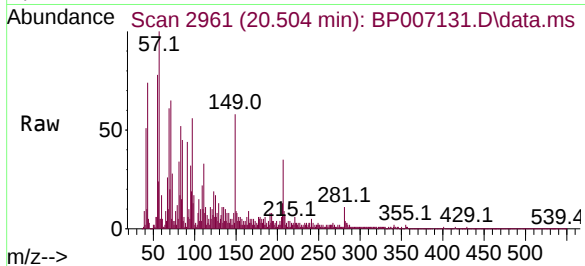




#80
Butylbenzylphthalate
Concen: 3.140 ng
RT: 20.504 min Scan# 2961
Delta R.T. -0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

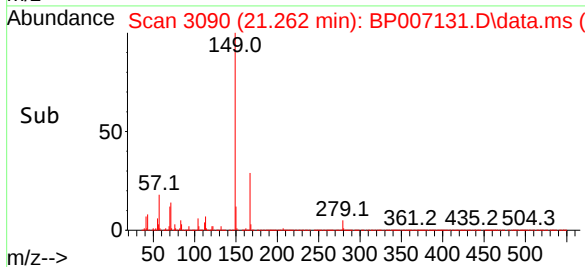
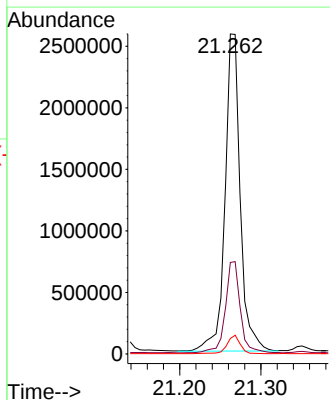
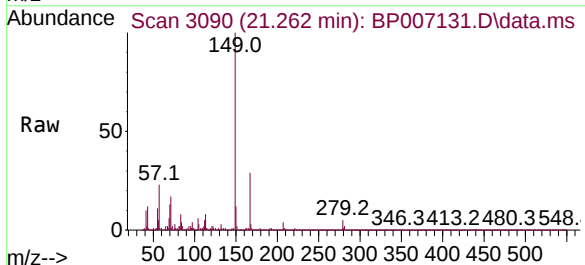
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

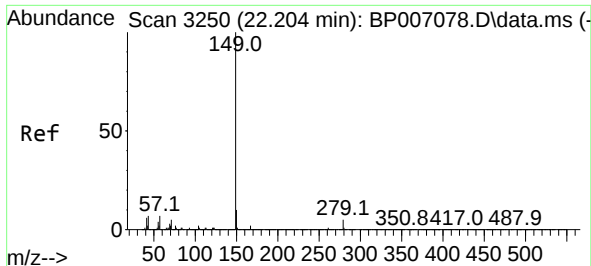
Tgt Ion:149 Resp: 106709
Ion Ratio Lower Upper
149 100
91 75.6 54.6 81.8
206 23.1 16.7 25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 68.866 ng
RT: 21.262 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:149 Resp: 3364638
Ion Ratio Lower Upper
149 100
167 28.6 21.9 32.9
279 4.9 4.3 6.5

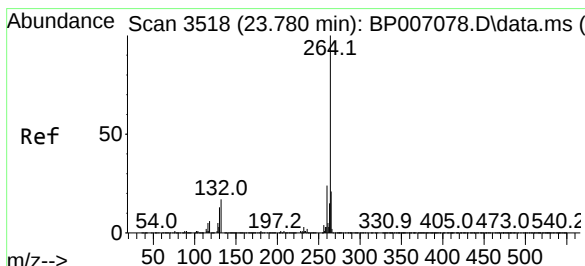
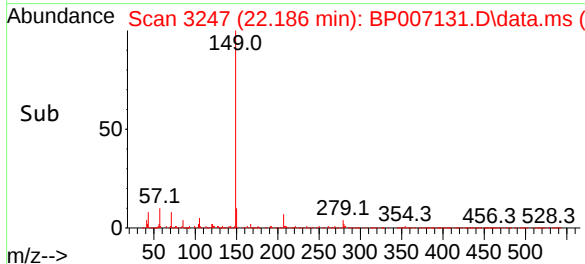
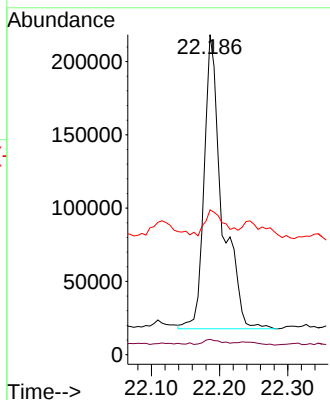
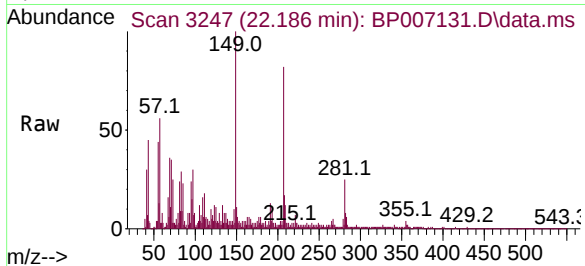




#85
Di-n-octyl phthalate
Concen: 4.426 ng
RT: 22.186 min Scan# 3247
Delta R.T. -0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT

Tgt Ion:	149	Resp:	368152
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	9.9	5.6	8.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.762 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:	264	Resp:	1444477
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.6	28.0
265	22.7	17.6	26.4

