

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

Manual Integrations
 APPROVED

mohammad
 9/24/2021 5:31:12 PM

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	7.928	152	155296m	20.000	ng	0.03
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	167.363	ng	0.00
7) Phenol-d6	7.075	99	918555m	72.443	ng	0.01
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
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

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

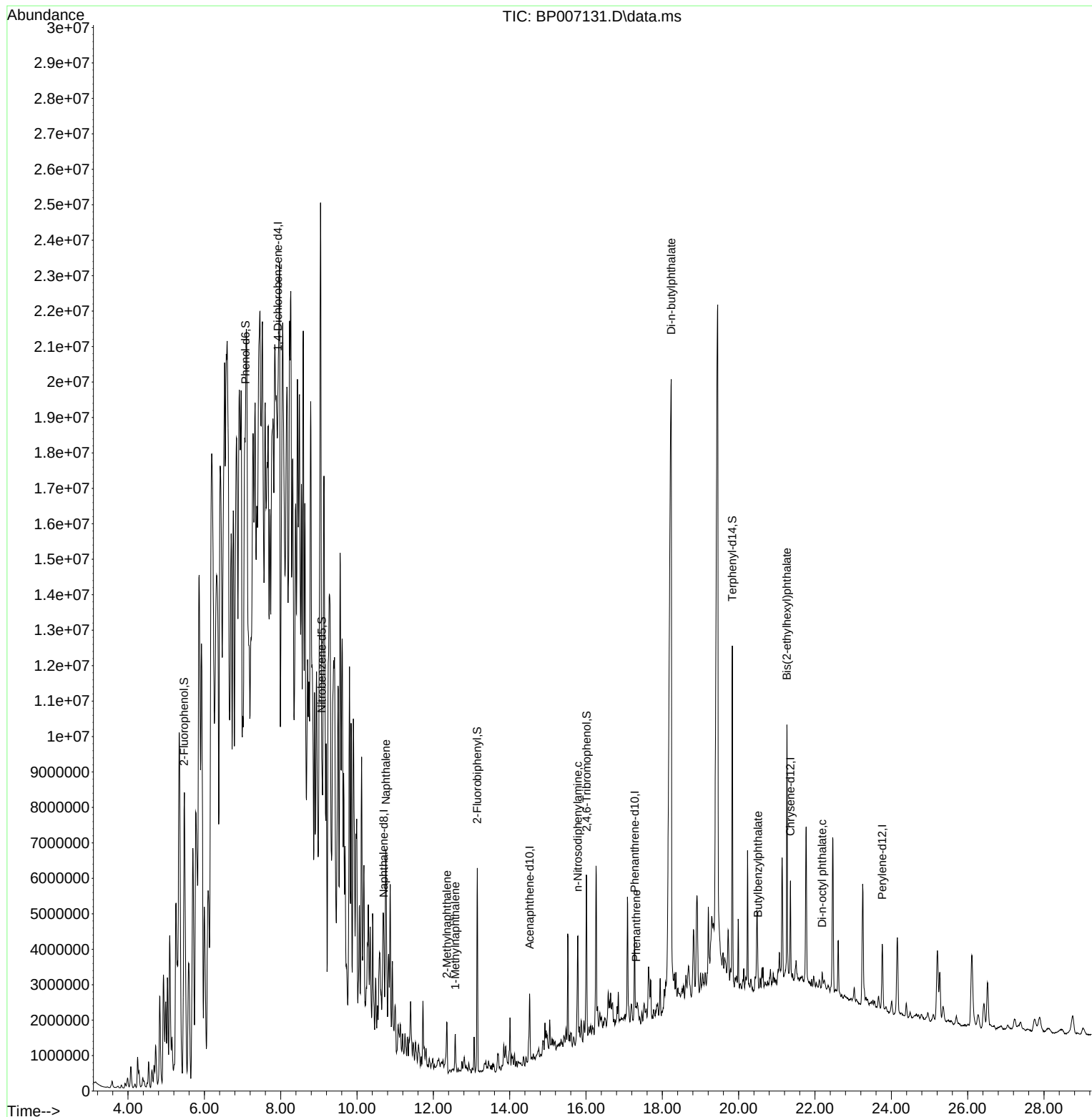
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007131.D
Acq On : 23 Sep 2021 18:46
Operator : CG/JU
Sample : M3798-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

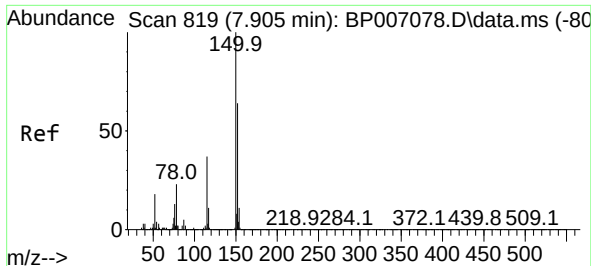
Instrument :
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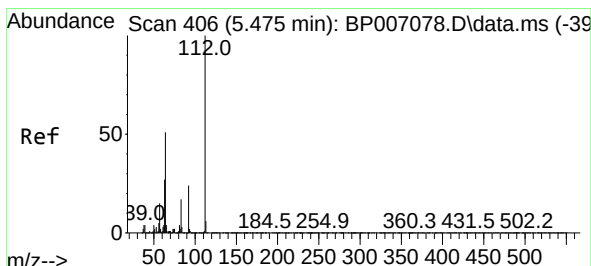
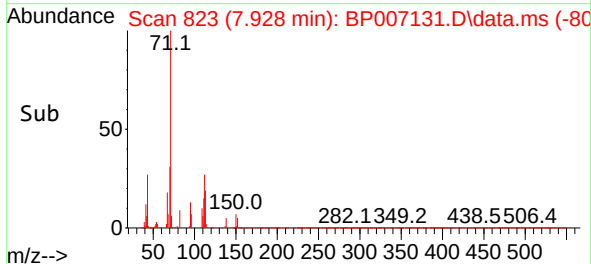
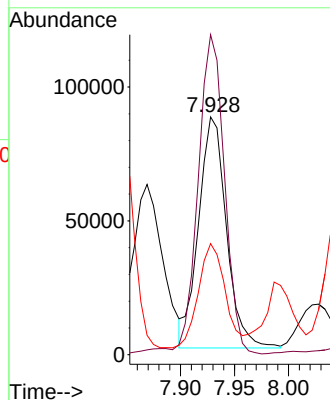
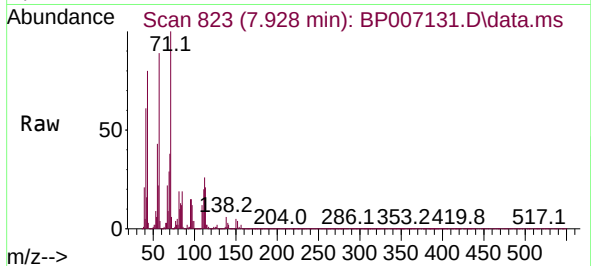
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng m
RT: 7.928 min Scan# 823
Delta R.T. 0.035 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

Tgt Ion:152 Resp: 155296
Ion Ratio Lower Upper
152 100
150 134.6 125.6 188.4
115 46.7 48.5 72.7#

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

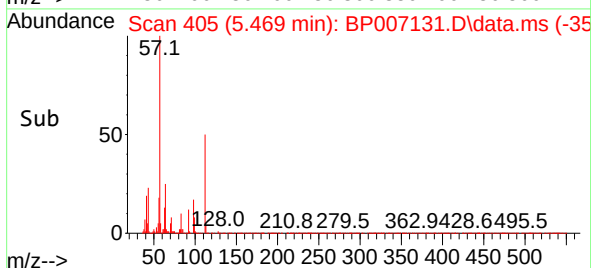
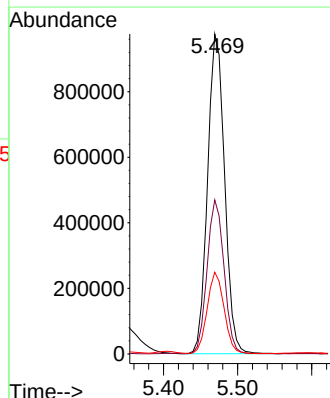
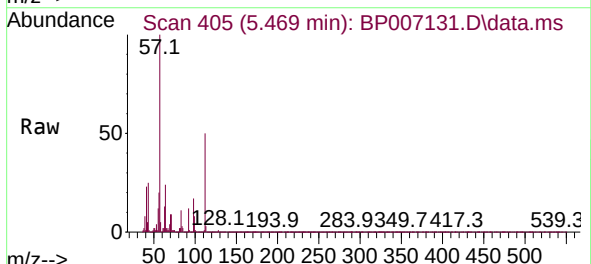
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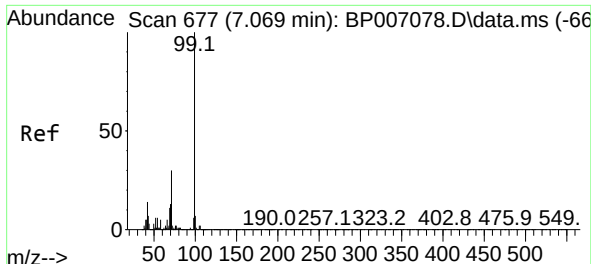
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#5
2-Fluorophenol
Concen: 167.363 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

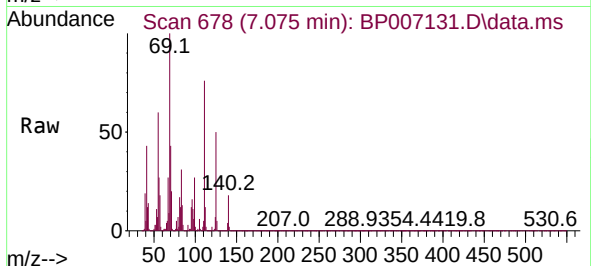
Tgt Ion:112 Resp: 1552668
Ion Ratio Lower Upper
112 100
64 48.2 41.4 62.2
63 25.5 23.8 35.8





#7
Phenol-d6
Concen: 72.443 ng m
RT: 7.075 min Scan# 678
Delta R.T. 0.011 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

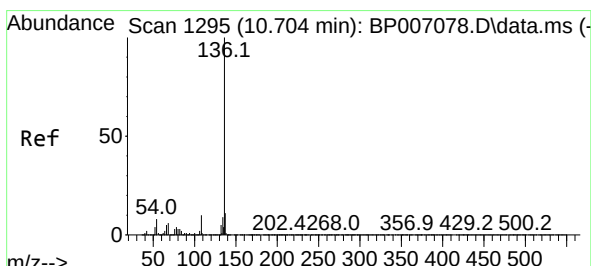
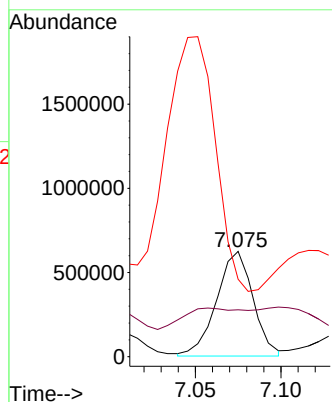
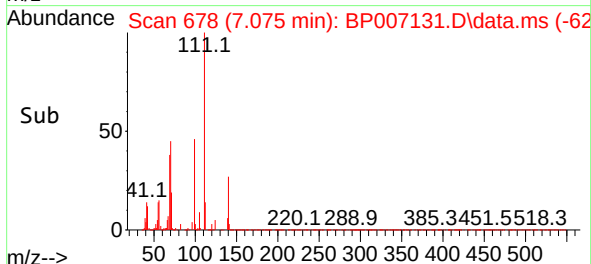
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT



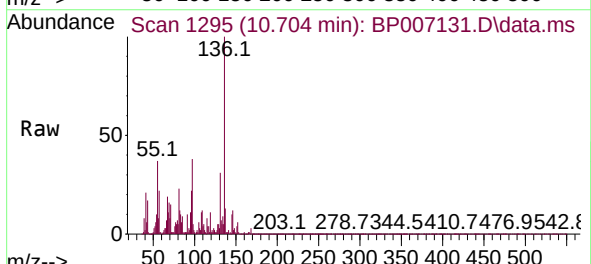
Tgt Ion: 99 Resp: 918555
Ion Ratio Lower Upper
99 100
42 44.5 13.4 20.0#
71 73.5 30.6 46.0#

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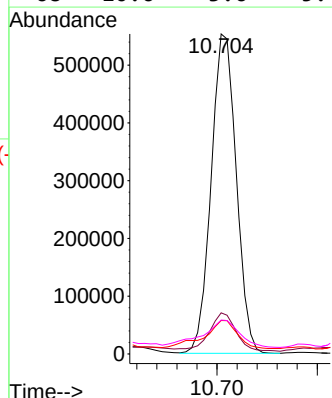
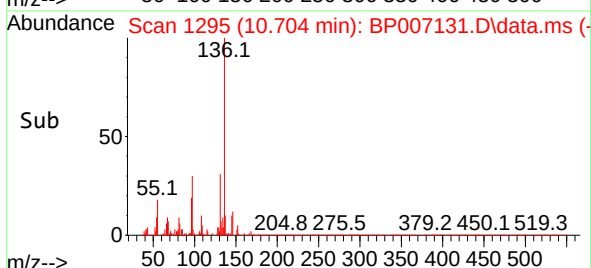
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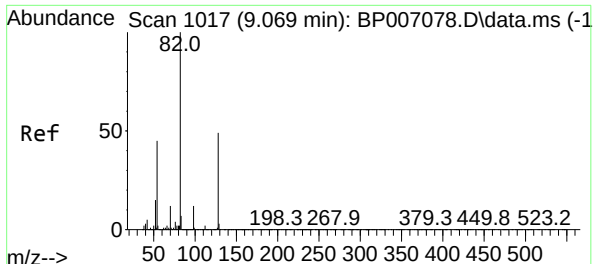


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. 0.011 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46



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#





#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: 82 Resp: 1406678

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

Instrument :

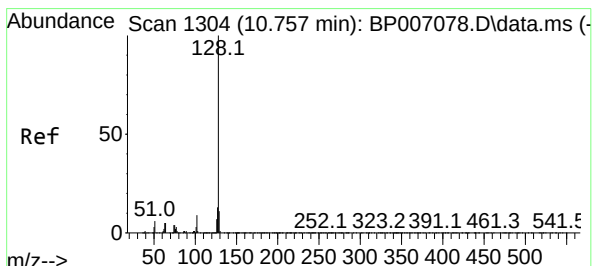
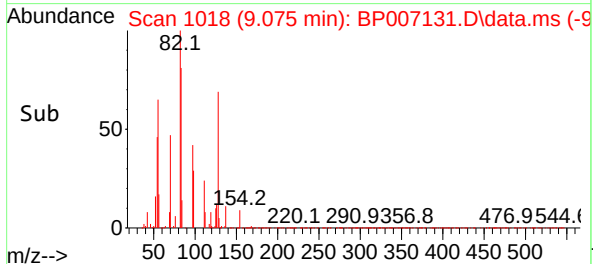
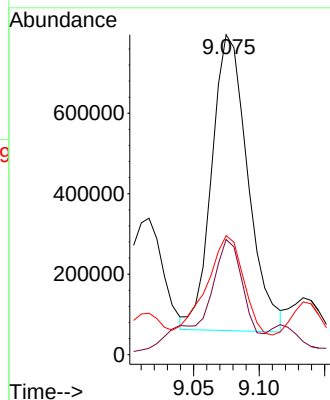
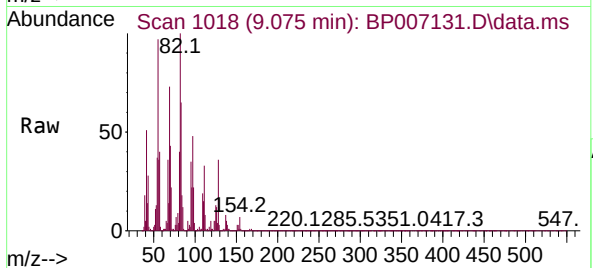
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ClientSampleId :

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#31

Naphthalene

Concen: 62.589 ng

RT: 10.757 min Scan# 1304

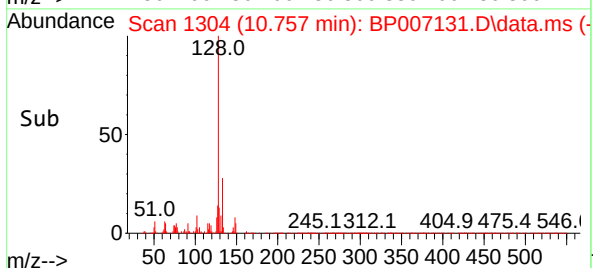
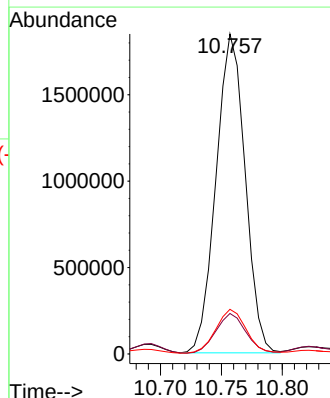
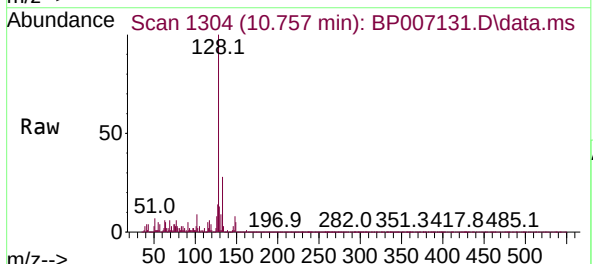
Delta R.T. 0.011 min

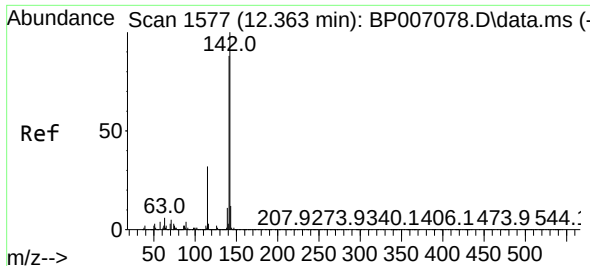
Lab File: BP007131.D

Acq: 23 Sep 2021 18:46

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





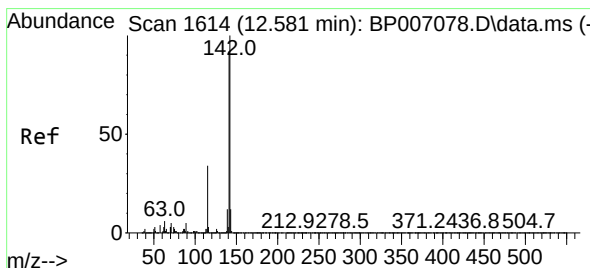
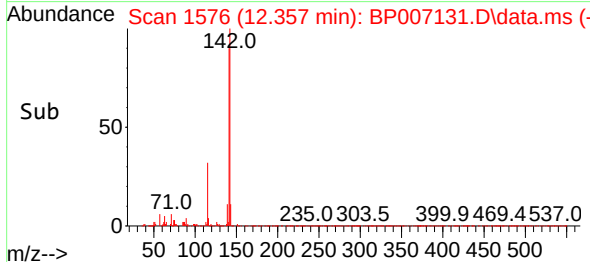
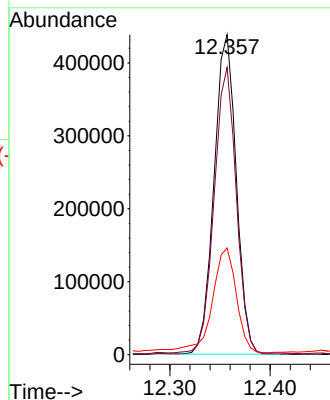
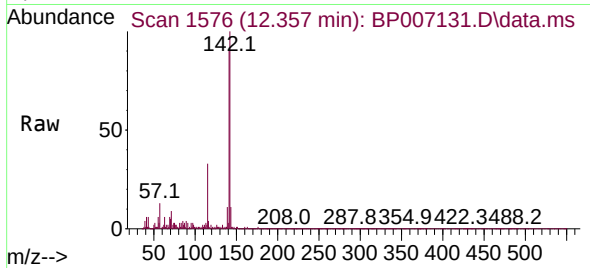
#37
2-Methylnaphthalene
Concen: 19.646 ng
RT: 12.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

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

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

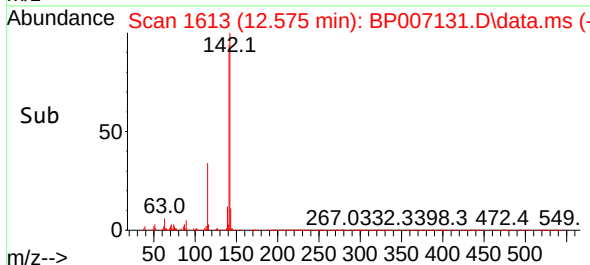
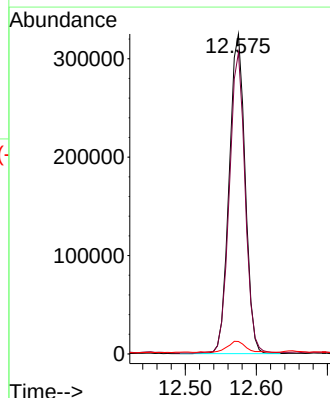
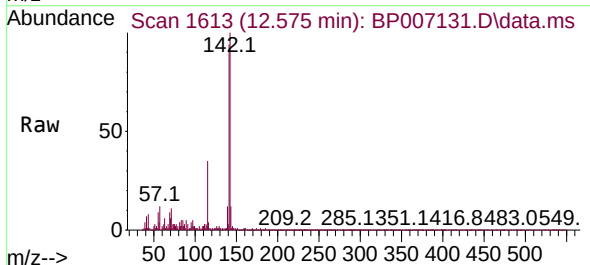
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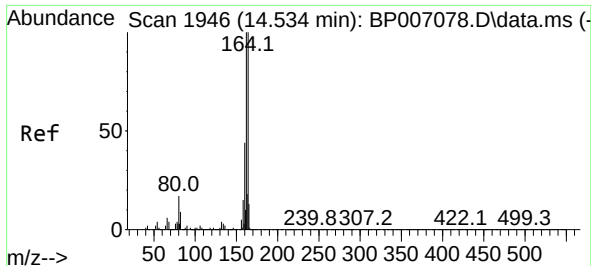
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#38
1-Methylnaphthalene
Concen: 15.121 ng
RT: 12.575 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

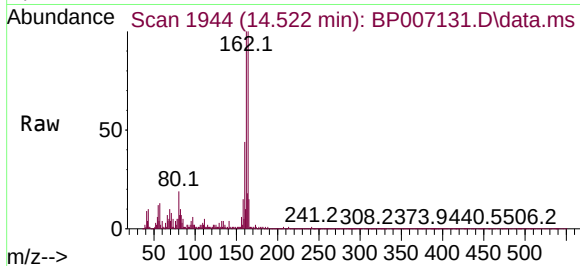
Tgt Ion:	142	Resp:	506994
Ion Ratio	Lower	Upper	
142	100		
141	94.2	73.3	109.9
116	3.9	3.5	5.3





#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

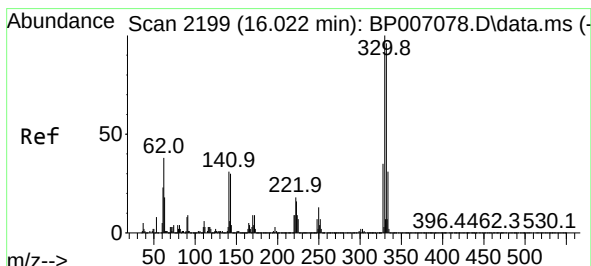
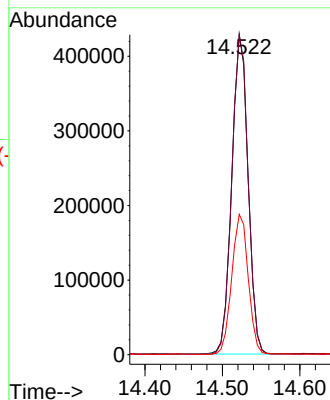
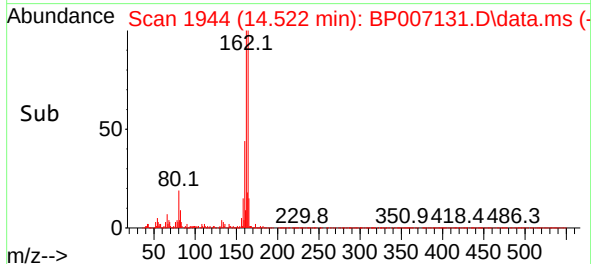
Instrument :
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NAPL-07-(8-10)-END-POINT



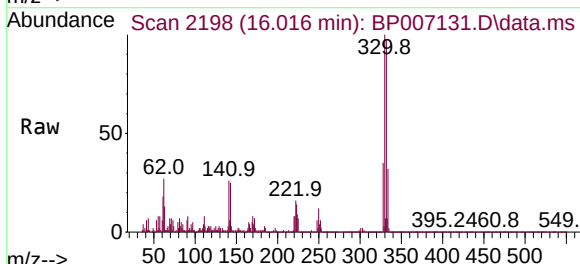
Tgt Ion:164 Resp: 627953
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 43.9 34.5 51.7

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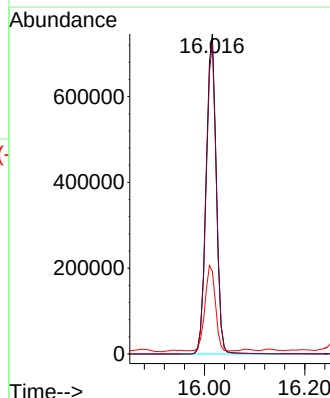
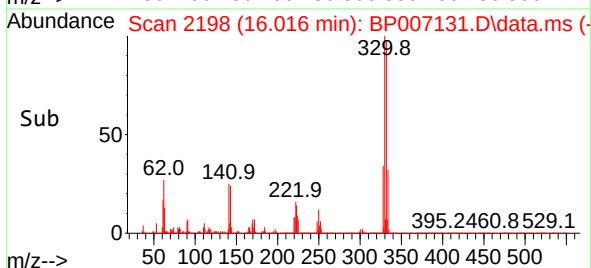
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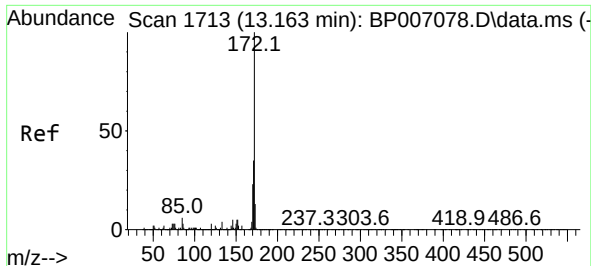


#42
2,4,6-Tribromophenol
Concen: 129.119 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46



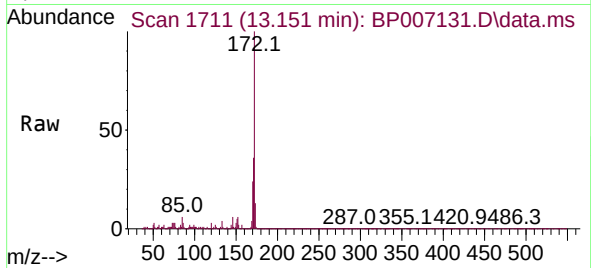
Tgt Ion:330 Resp: 1051174
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 27.3 25.4 38.2





#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

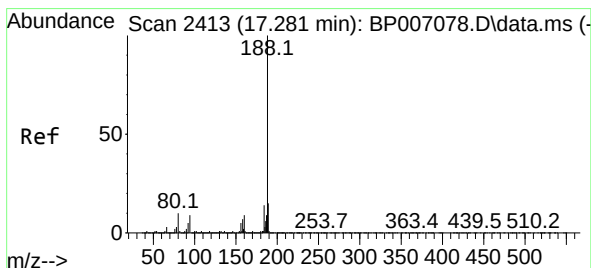
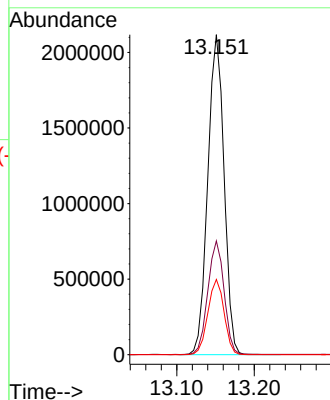
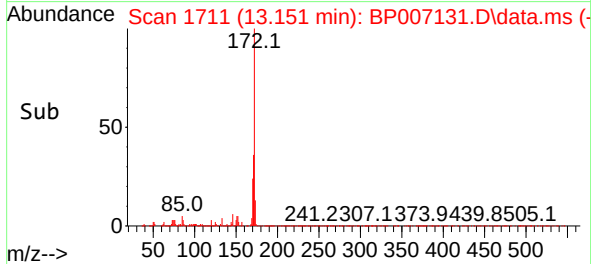
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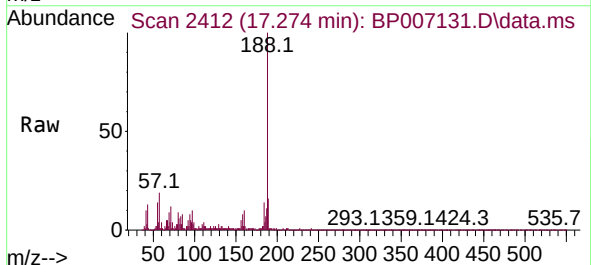
Tgt Ion:172 Resp: 3083427
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.5 18.6 27.8

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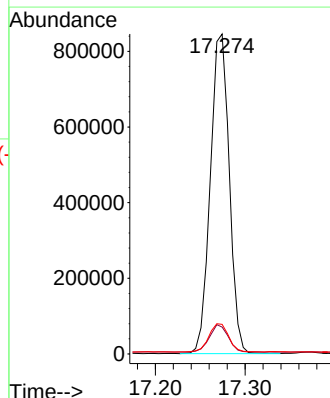
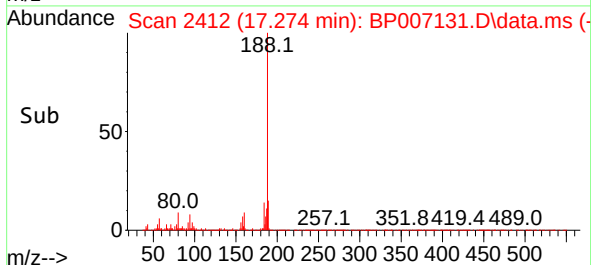
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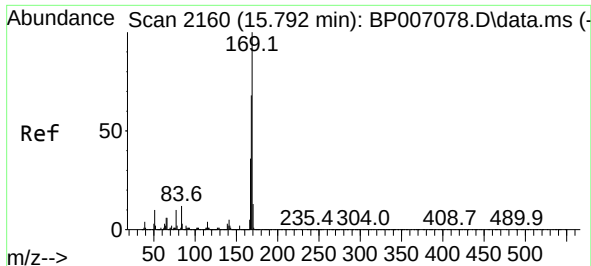


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46



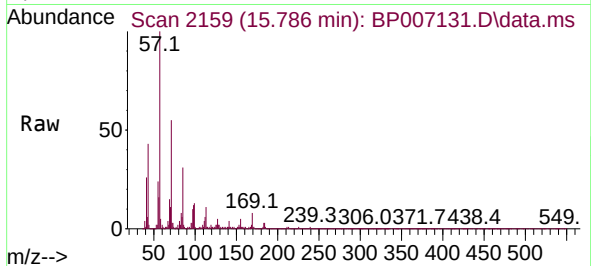
Tgt Ion:188 Resp: 1239277
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4
80 9.2 6.3 9.5





#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

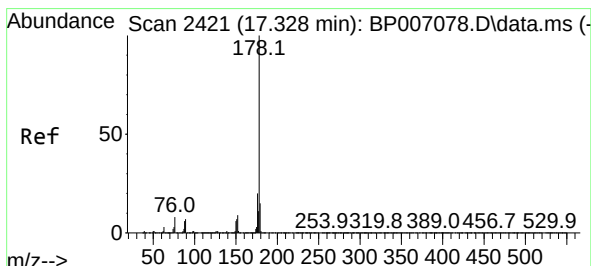
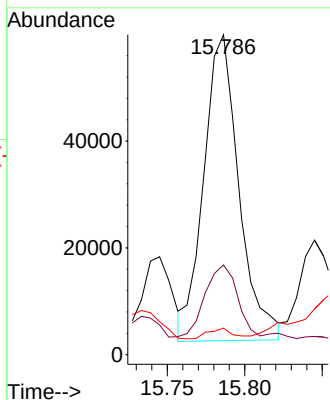
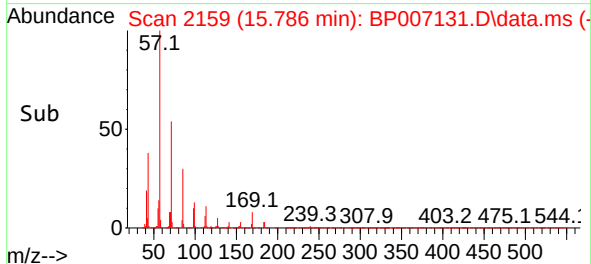
Instrument :
BNA_P
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NAPL-07-(8-10)-END-POINT



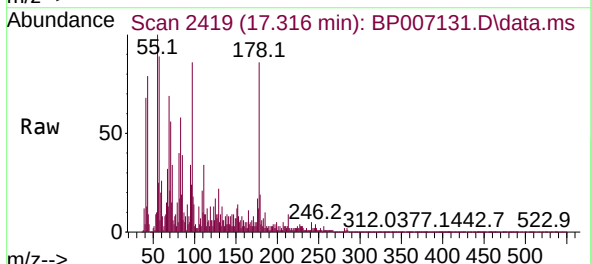
Tgt Ion	Ratio	Lower	Upper
169	100		
168	28.1	54.4	81.6#
167	8.3	29.0	43.6#

Manual Integrations
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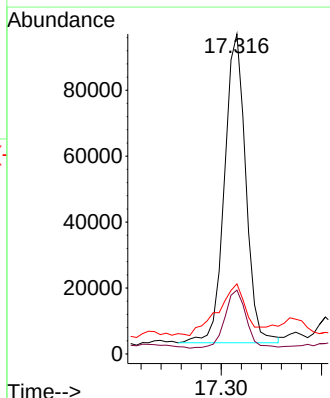
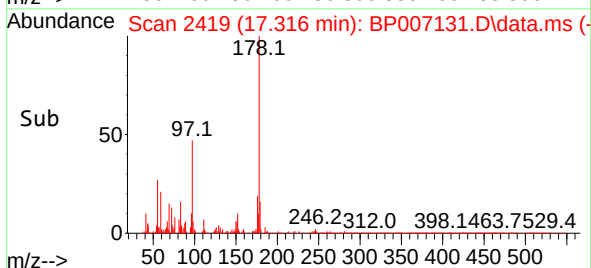
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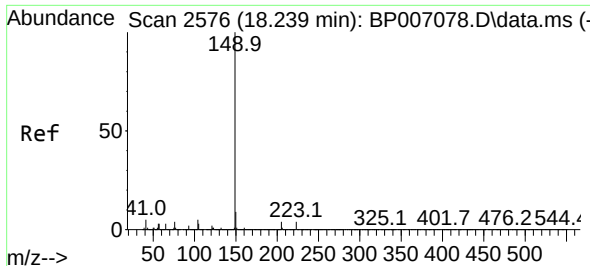


#71
Phenanthrene
Concen: 2.078 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46



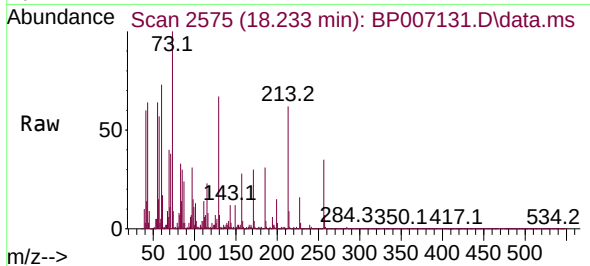
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	21.9	12.4	18.6#





#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

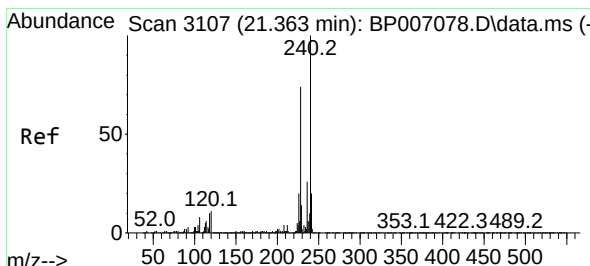
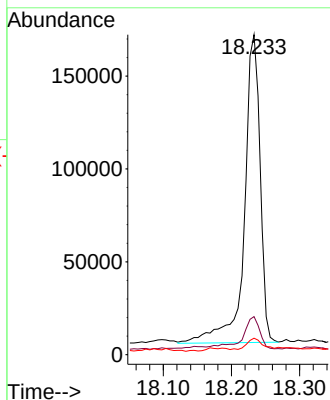
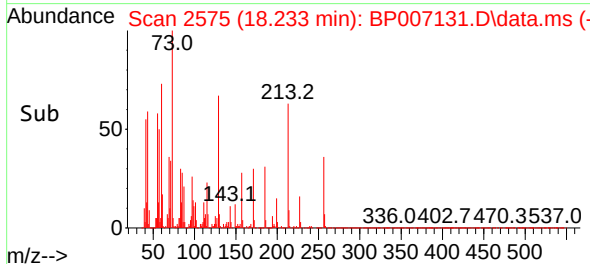
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT



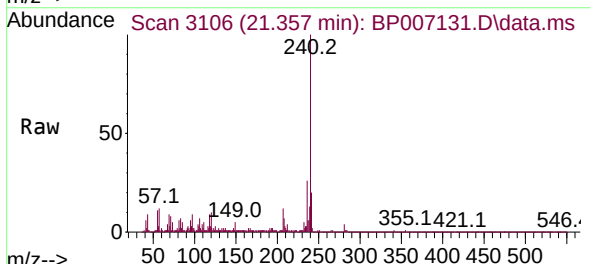
Tgt Ion:149 Resp: 266155
Ion Ratio Lower Upper
149 100
150 11.9 7.3 10.9#
104 5.1 4.5 6.7

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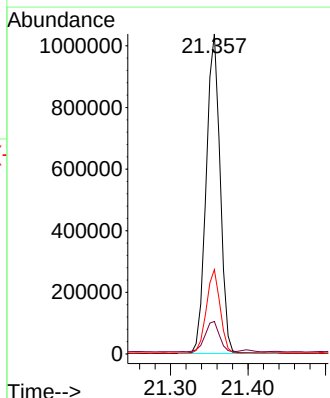
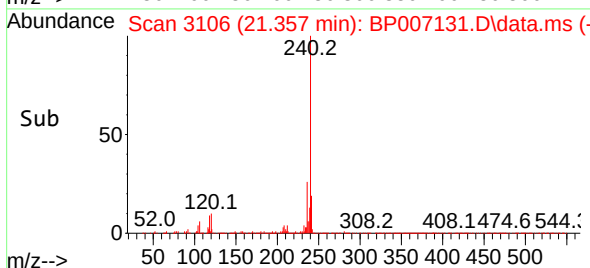
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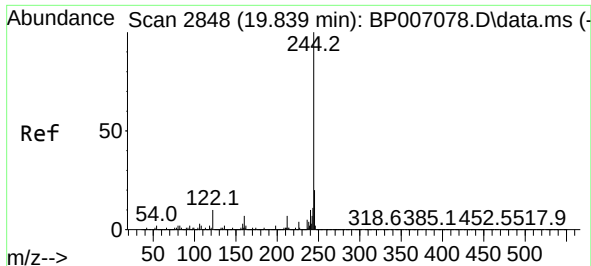


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46



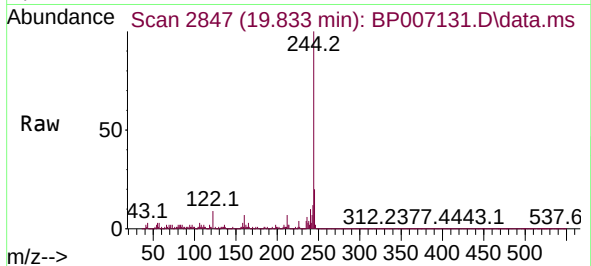
Tgt Ion:240 Resp: 1293409
Ion Ratio Lower Upper
240 100
120 10.2 6.5 9.7#
236 26.4 20.6 31.0





#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

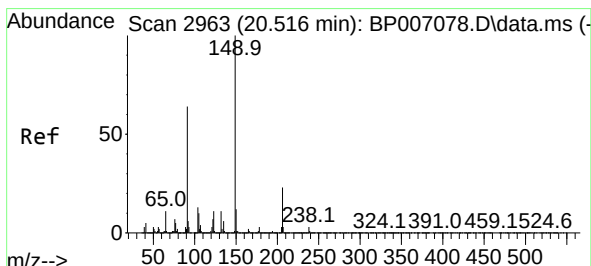
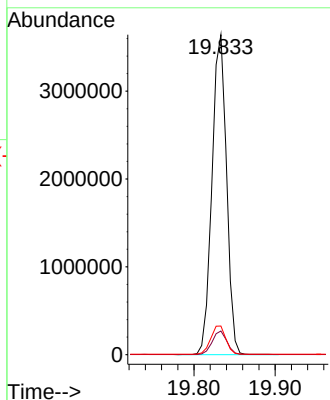
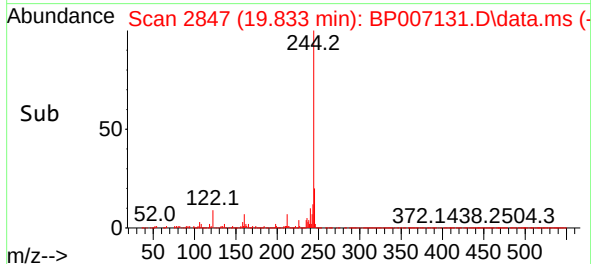
Instrument :
BNA_P
ClientSampleId :
NAPL-07-(8-10)-END-POINT



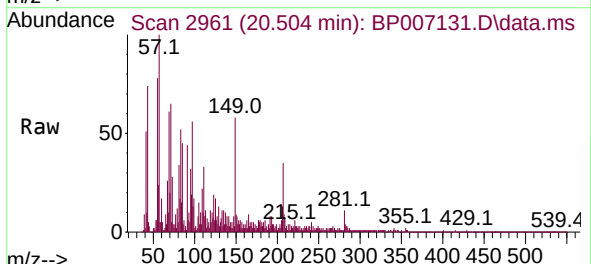
Tgt Ion:244 Resp: 4527060
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 9.0 7.1 10.7

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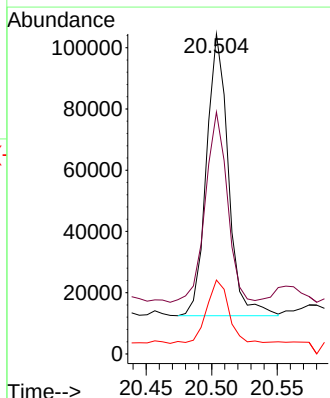
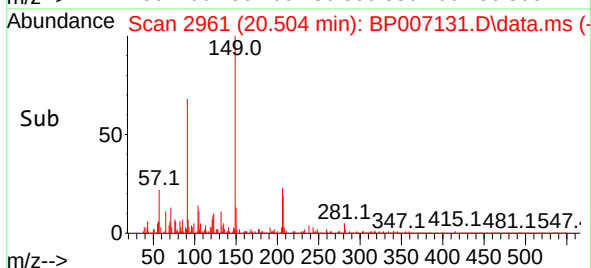
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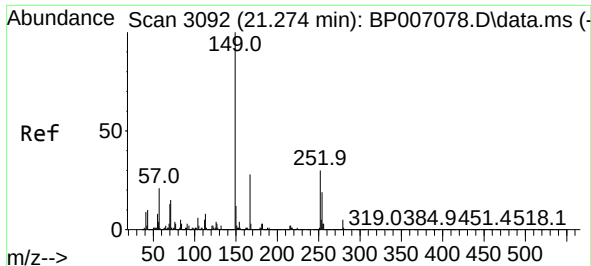


#80
Butylbenzylphthalate
Concen: 3.140 ng
RT: 20.504 min Scan# 2961
Delta R.T. -0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46



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





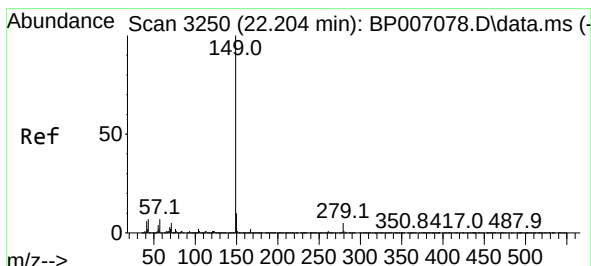
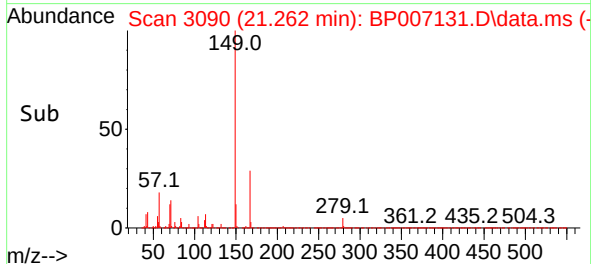
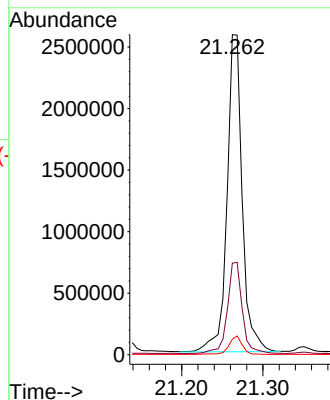
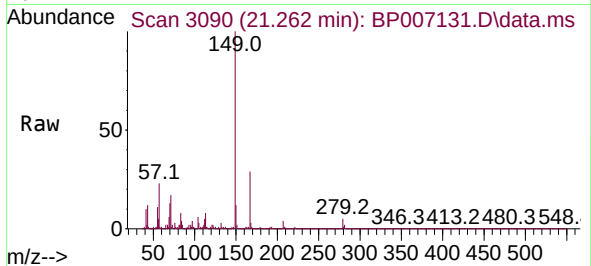
#84
Bis(2-ethylhexyl)phthalate
Concen: 68.866 ng
RT: 21.262 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

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

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

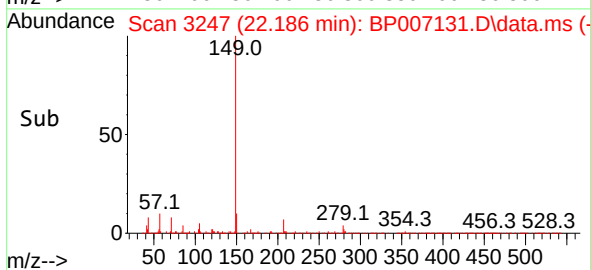
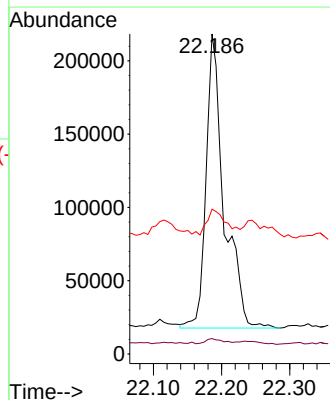
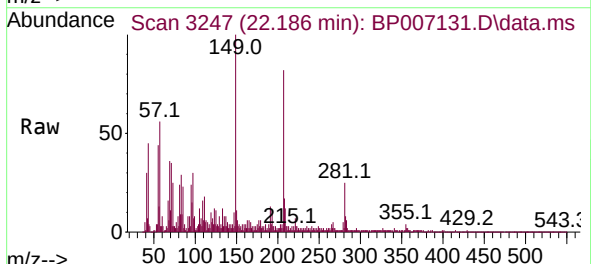
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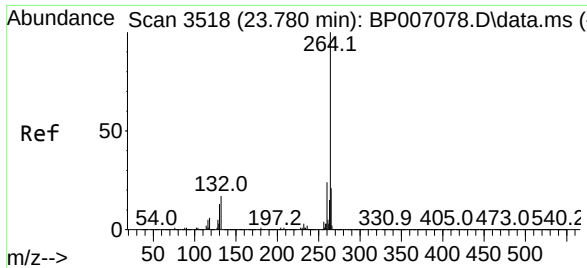
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#85
Di-n-octyl phthalate
Concen: 4.426 ng
RT: 22.186 min Scan# 3247
Delta R.T. -0.006 min
Lab File: BP007131.D
Acq: 23 Sep 2021 18:46

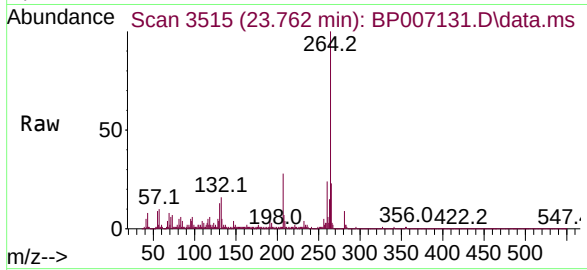
Tgt Ion:149 Resp: 368152
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.9 5.6 8.4#





#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

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



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

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