

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092021\
 Data File : BP007066.D
 Acq On : 21 Sep 2021 00:15
 Operator : CG/JU
 Sample : M3770-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NAPL-5-SIDEWALL-END-POINT-(10-

Quant Time: Sep 21 01:04:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 10:50:16 2021
 Response via : Initial Calibration

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

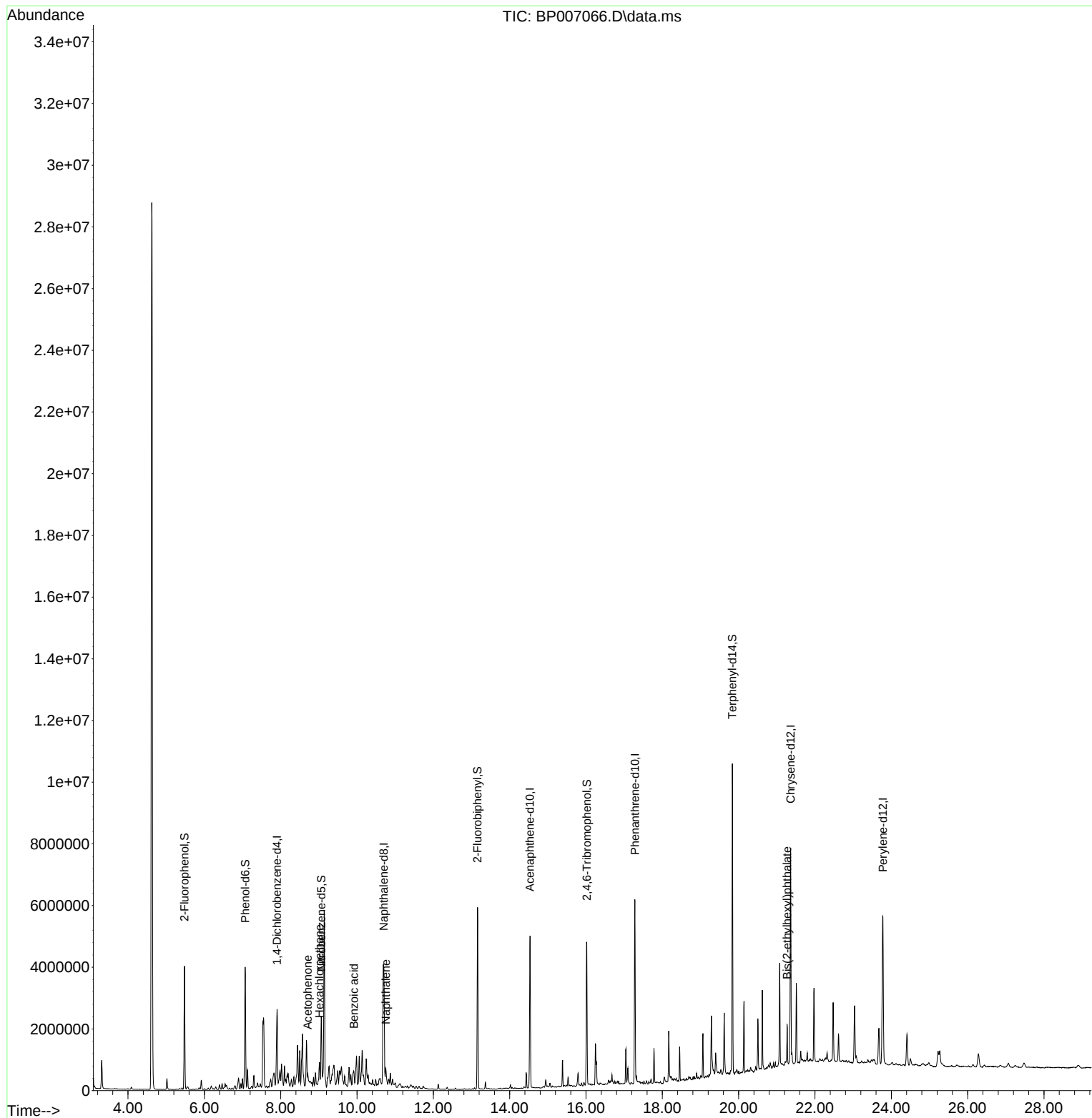
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	689756	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	2659209	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	1745380	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	3592536	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	3468101	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	3700951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1825135	43.208	ng	0.00
7) Phenol-d6	7.069	99	2296514	39.832	ng	0.00
23) Nitrobenzene-d5	9.063	82	1300771	27.473	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	946839	45.109	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	3177966	25.136	ng	-0.01
79) Terphenyl-d14	19.833	244	4670092	25.836	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.052	77	22169	Below Cal	#	1
18) Hexachloroethane	9.016	117	45488	2.547	ng	# 1
22) Acetophenone	8.710	105	200124	2.984	ng	# 58
31) Naphthalene	10.757	128	356360	2.419	ng	# 99
32) Benzoic acid	9.922	122	5618	6.271	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.269	149	493661	3.992	ng	# 100

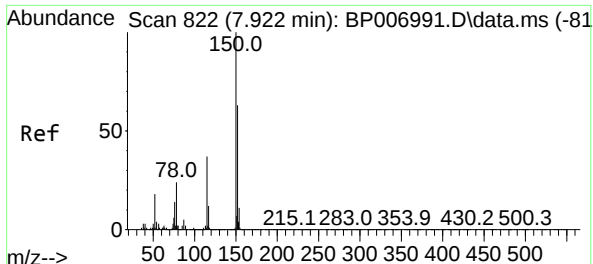
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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NAPL-5-SIDEWALL-END-POINT-(10-

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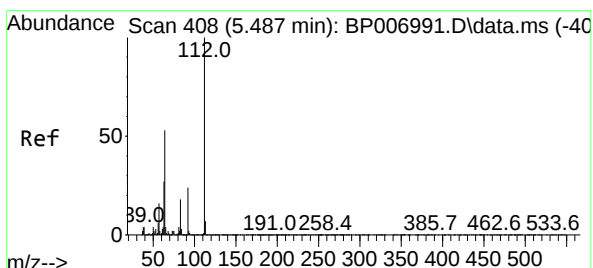
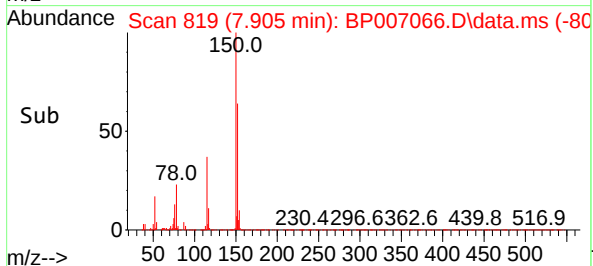
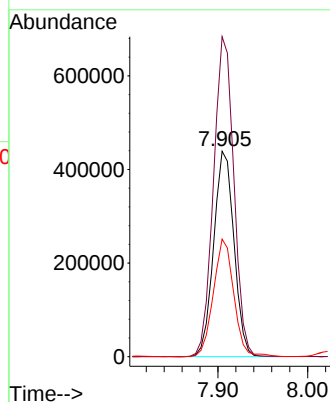
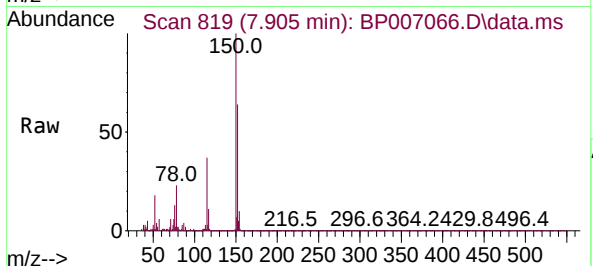




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

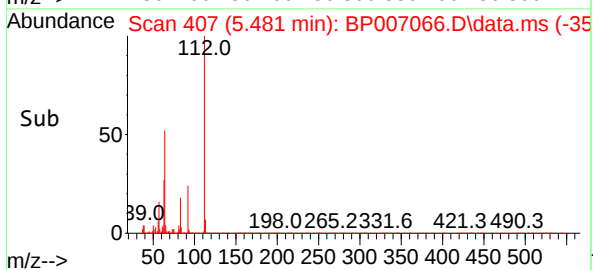
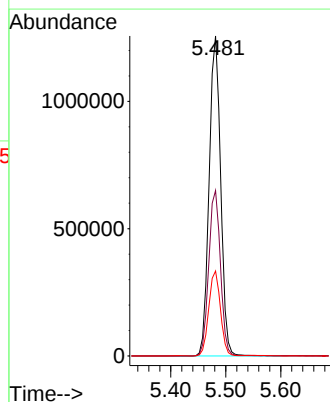
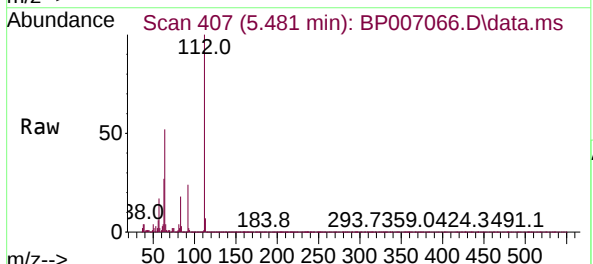
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BNA_P
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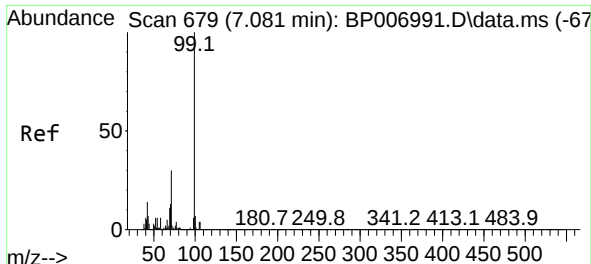
Tgt Ion:152 Resp: 689756
Ion Ratio Lower Upper
152 100
150 155.7 125.6 188.4
115 57.3 48.5 72.7



#5
2-Fluorophenol
Concen: 43.208 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

Tgt Ion:112 Resp: 1825135
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 26.5 23.8 35.8

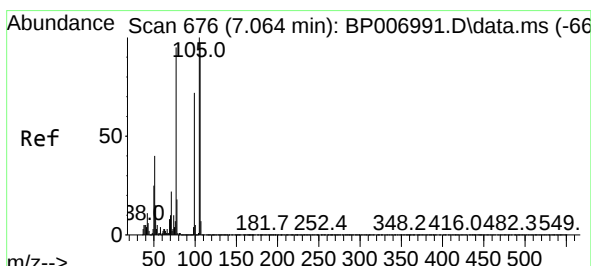
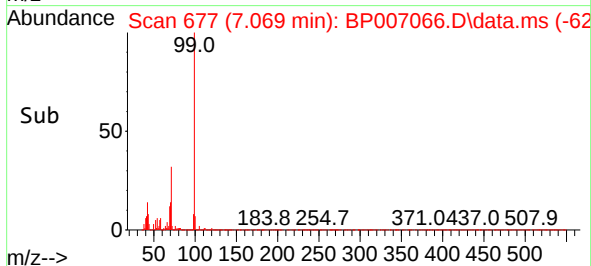
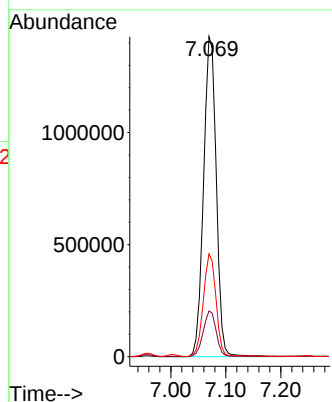
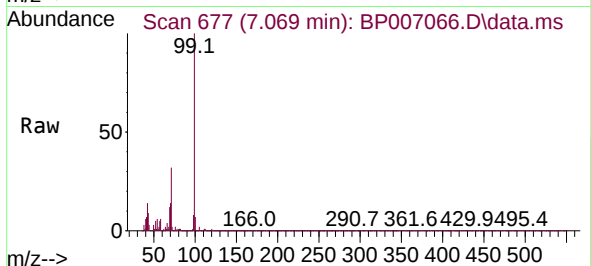




#7
Phenol-d6
Concen: 39.832 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

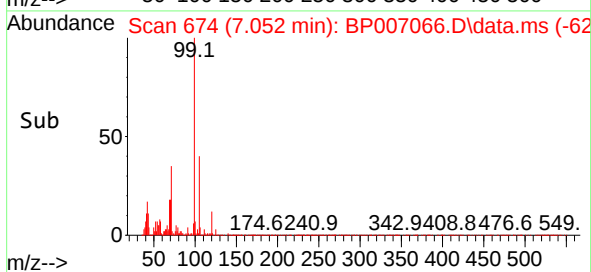
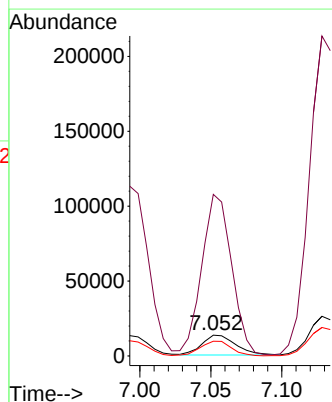
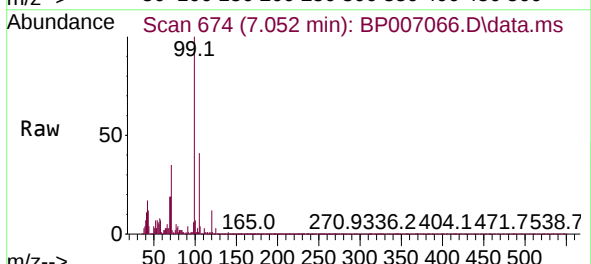
Instrument :
BNA_P
ClientSampleId :
NAPL-5-SIDEWALL-END-POINT-(10-

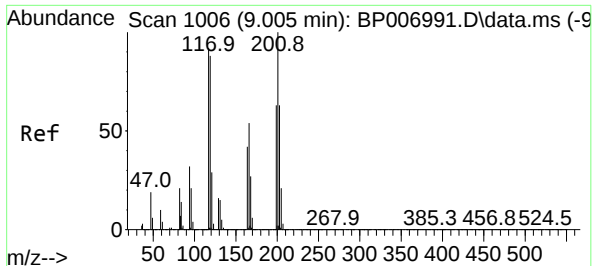
Tgt Ion: 99 Resp: 2296514
Ion Ratio Lower Upper
99 100
42 14.3 13.4 20.0
71 32.1 30.6 46.0



#9
Benzaldehyde
Concen: Below Cal
RT: 7.052 min Scan# 674
Delta R.T. 0.006 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

Tgt Ion: 77 Resp: 22169
Ion Ratio Lower Upper
77 100
105 774.6 76.7 116.7#
106 70.8 76.2 116.2#

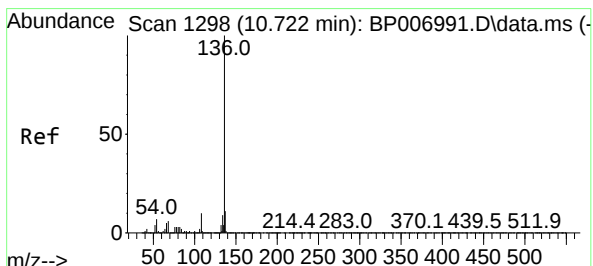
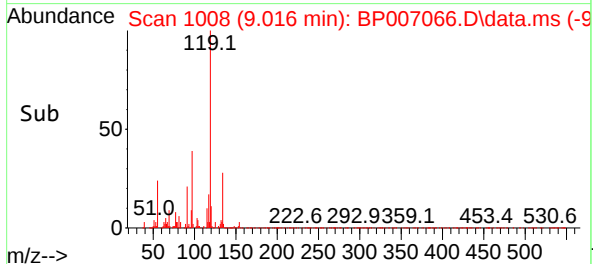
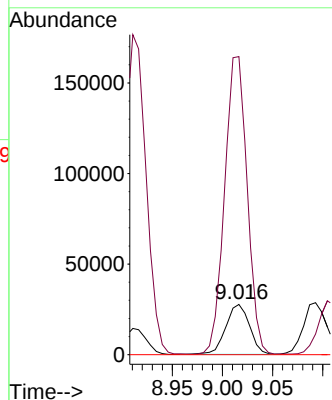
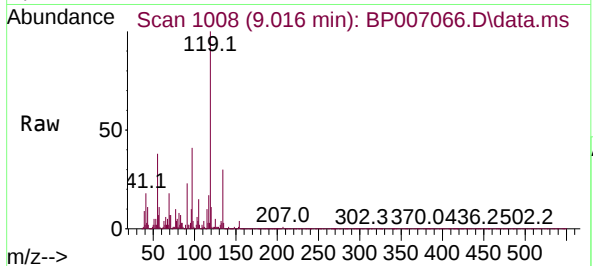




#18
Hexachloroethane
Concen: 2.547 ng
RT: 9.016 min Scan# 1008
Delta R.T. 0.024 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

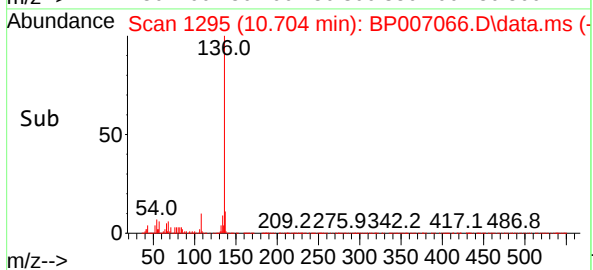
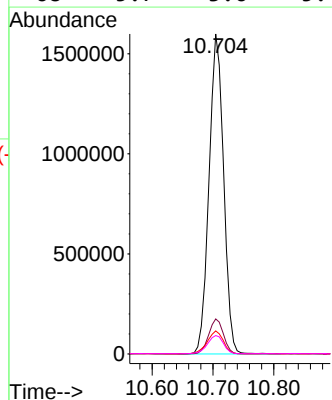
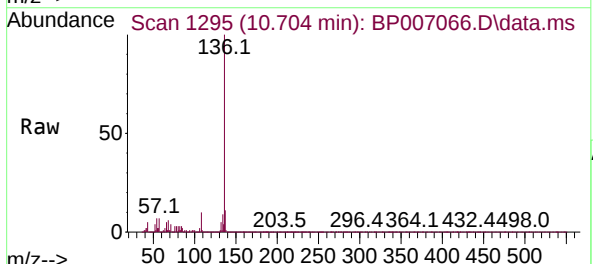
Instrument :
BNA_P
ClientSampleId :
NAPL-5-SIDEWALL-END-POINT-(10-

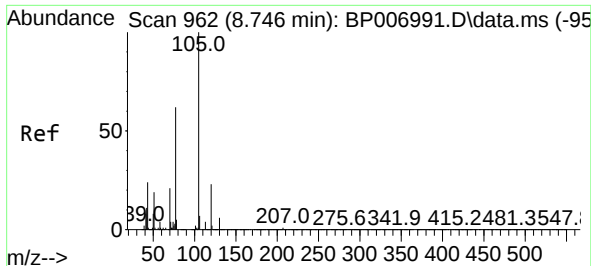
Tgt Ion:117 Resp: 45488
Ion Ratio Lower Upper
117 100
119 593.3 76.2 114.2#
201 0.0 83.4 125.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

Tgt Ion:136 Resp: 2659209
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.2 4.6 6.8#
68 5.7 3.6 5.4#

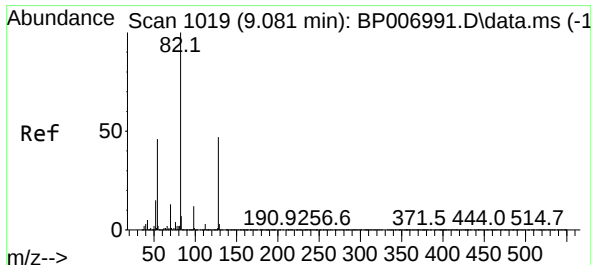
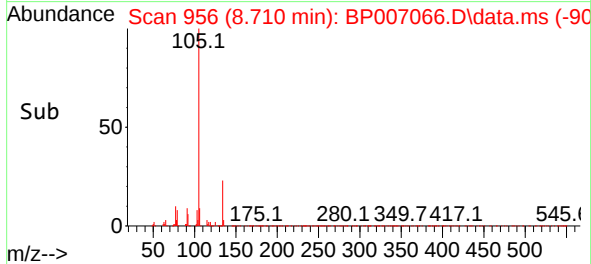
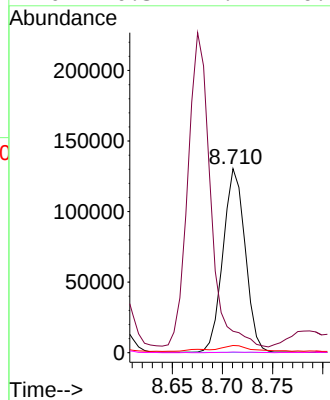
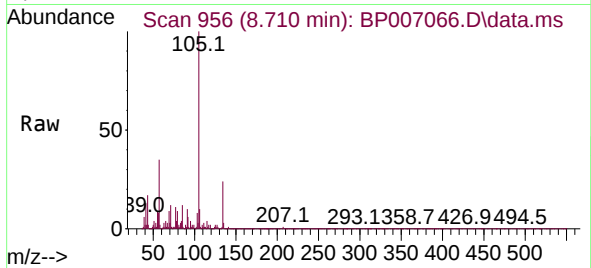




#22
Acetophenone
Concen: 2.984 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.023 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

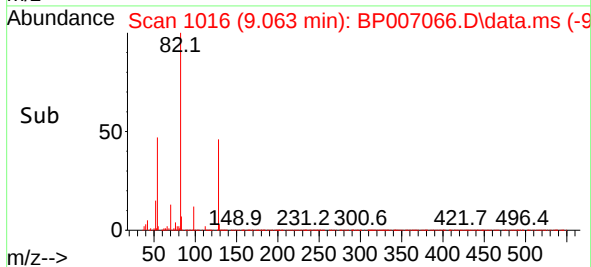
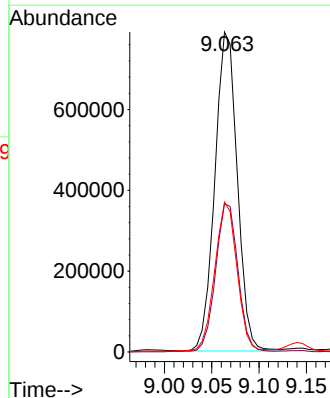
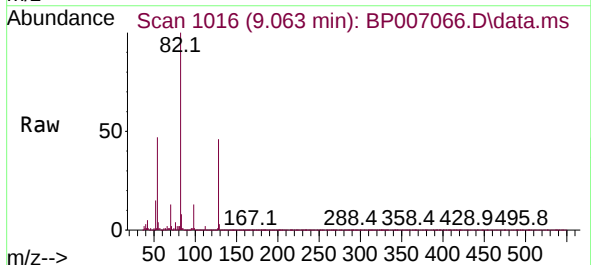
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ClientSampleId :
NAPL-5-SIDEWALL-END-POINT-(10-

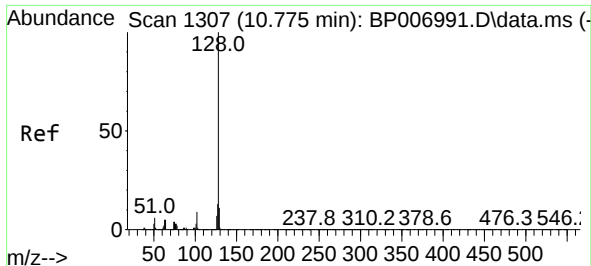
Tgt Ion:105 Resp: 200124
Ion Ratio Lower Upper
105 100
71 11.7 1.9 2.9#
51 3.9 18.4 27.6#
120 0.3 17.9 26.9#



#23
Nitrobenzene-d5
Concen: 27.473 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

Tgt Ion: 82 Resp: 1300771
Ion Ratio Lower Upper
82 100
128 46.3 35.7 53.5
54 46.9 35.0 52.4

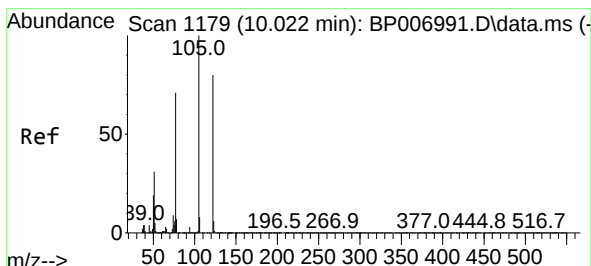
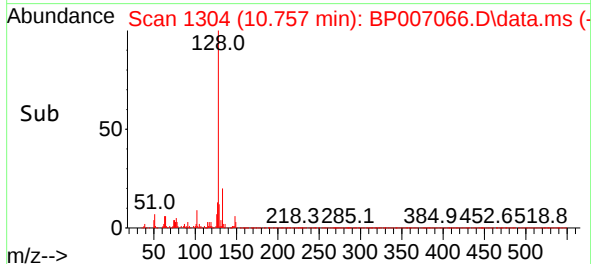
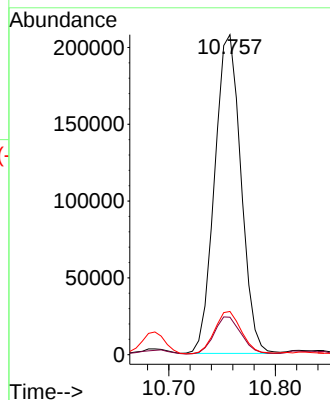
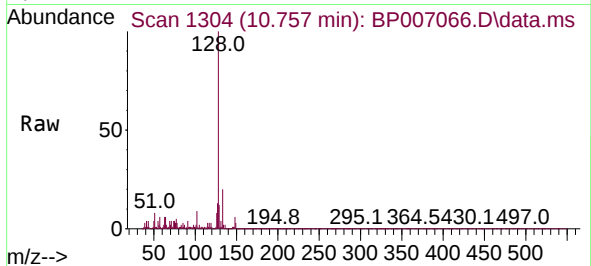




#31
Naphthalene
Concen: 2.419 ng
RT: 10.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

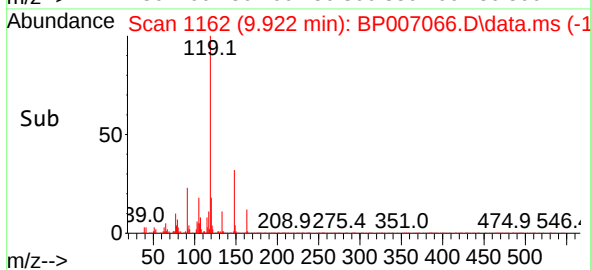
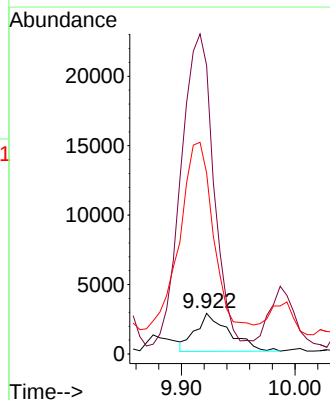
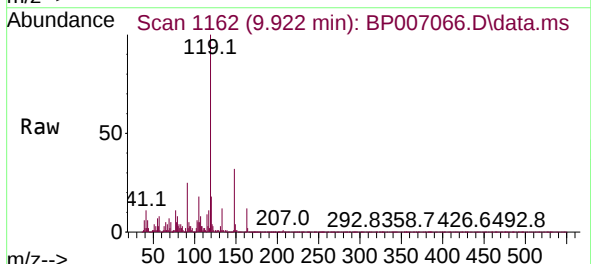
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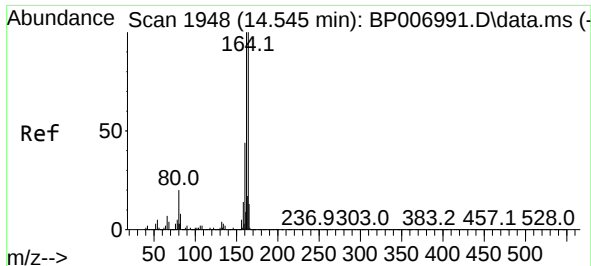
Tgt Ion:128 Resp: 356360
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 6.271 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.088 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

Tgt Ion:122 Resp: 5618
Ion Ratio Lower Upper
122 100
105 708.6 103.2 143.2#
77 444.5 76.2 116.2#

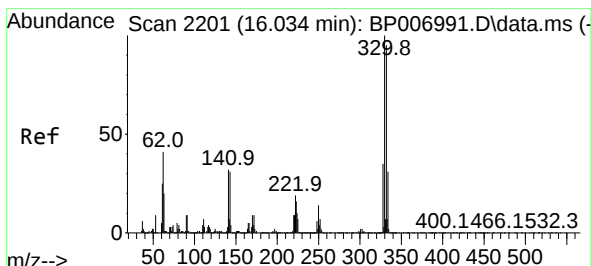
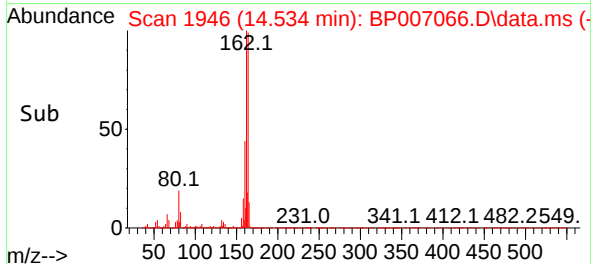
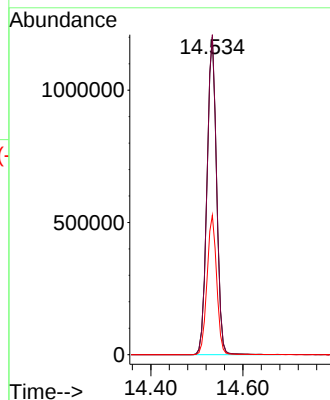
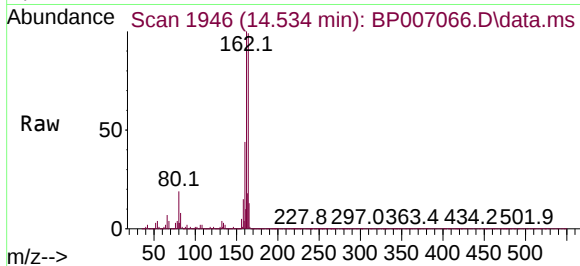




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

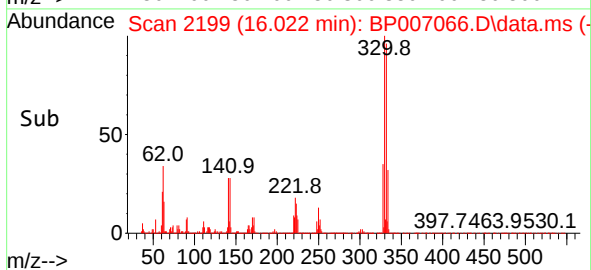
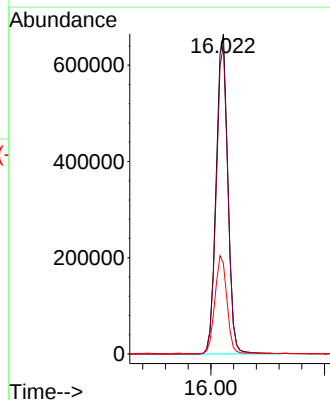
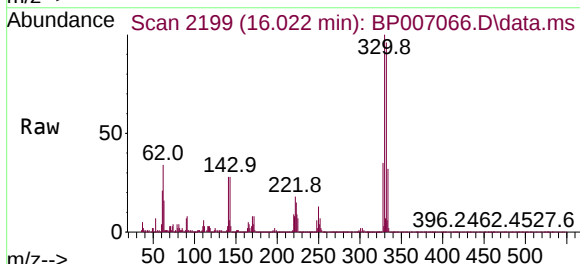
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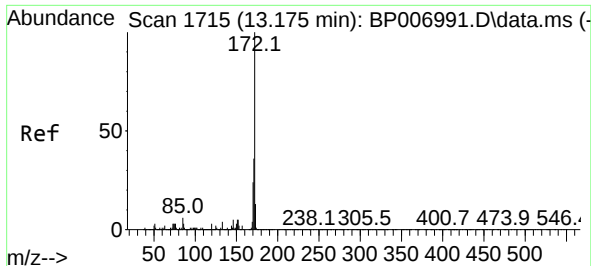
Tgt Ion:164 Resp: 1745380
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 43.8 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 45.109 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

Tgt Ion:330 Resp: 946839
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 31.4 25.4 38.2

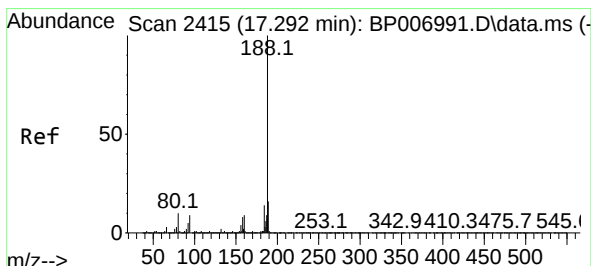
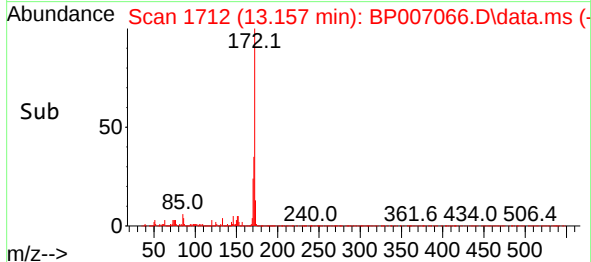
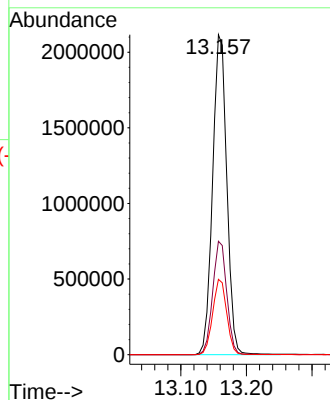
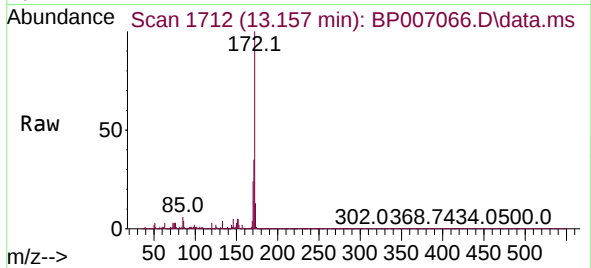




#45
2-Fluorobiphenyl
Concen: 25.136 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

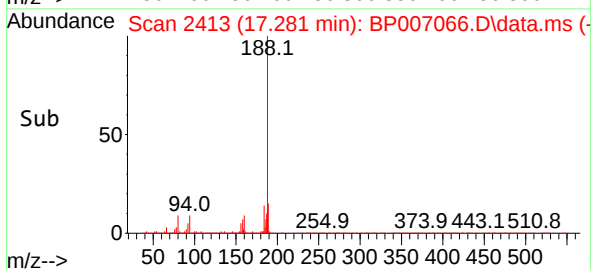
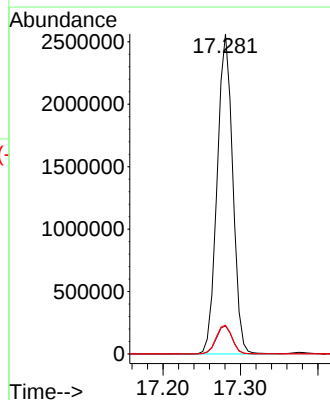
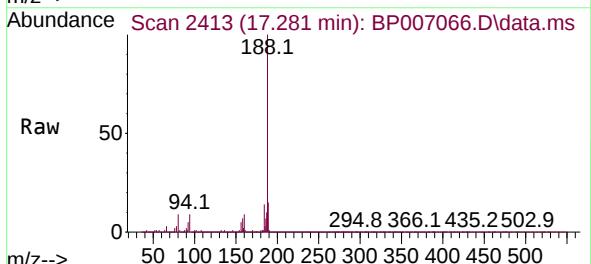
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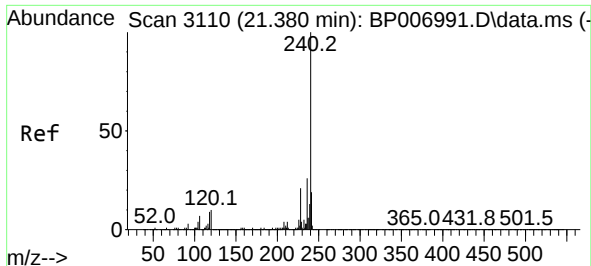
Tgt Ion:172 Resp: 3177966
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.6 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

Tgt Ion:188 Resp: 3592536
Ion Ratio Lower Upper
188 100
94 8.8 5.6 8.4#
80 9.0 6.3 9.5

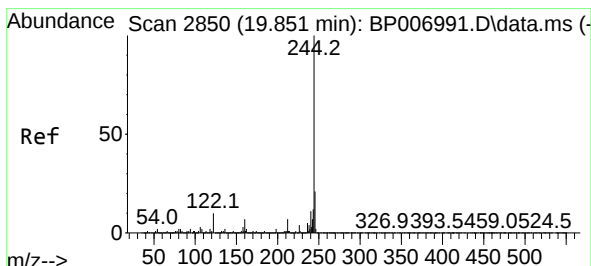
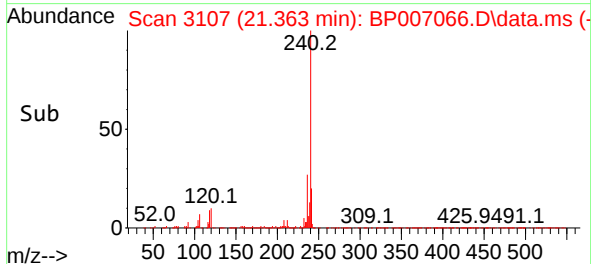
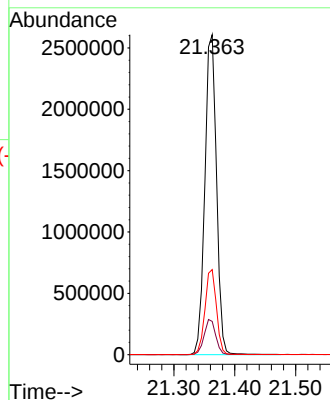
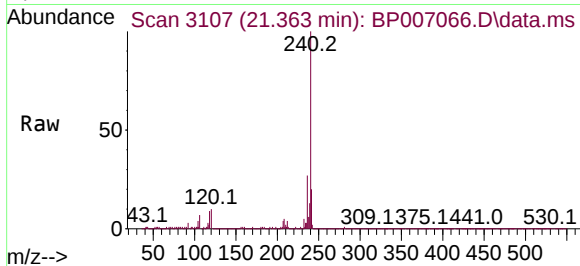




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

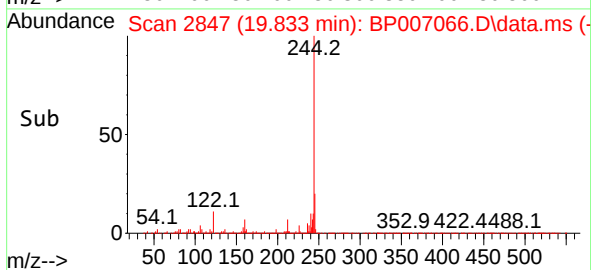
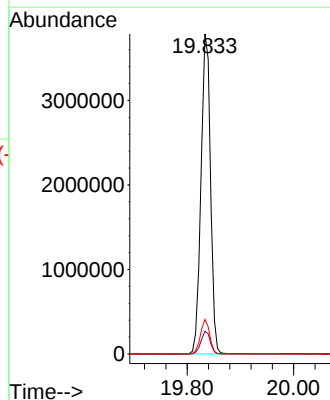
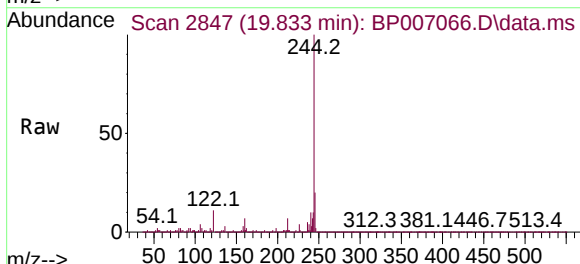
Instrument :
BNA_P
ClientSampleId :
NAPL-5-SIDEWALL-END-POINT-(10-

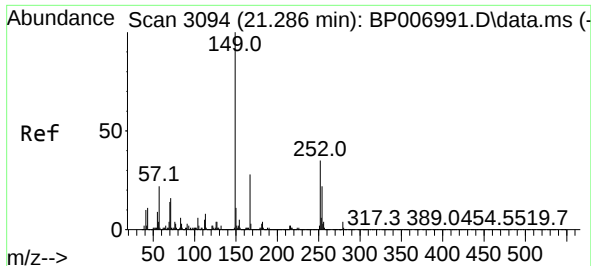
Tgt Ion:240 Resp: 3468101
Ion Ratio Lower Upper
240 100
120 10.4 6.5 9.7#
236 26.6 20.6 31.0



#79
Terphenyl-d14
Concen: 25.836 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

Tgt Ion:244 Resp: 4670092
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.8 7.1 10.7#

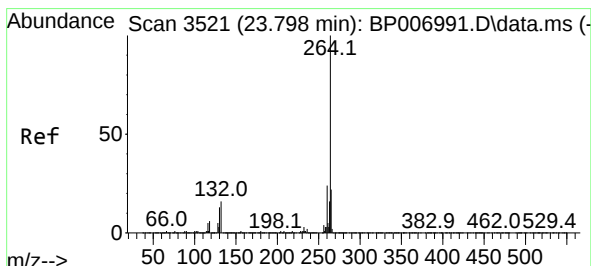
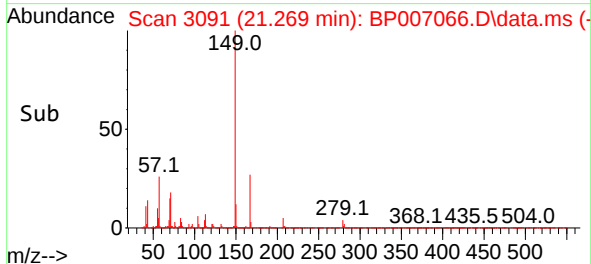
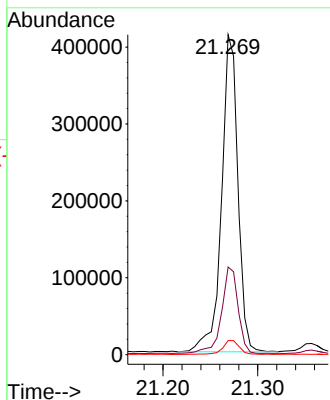
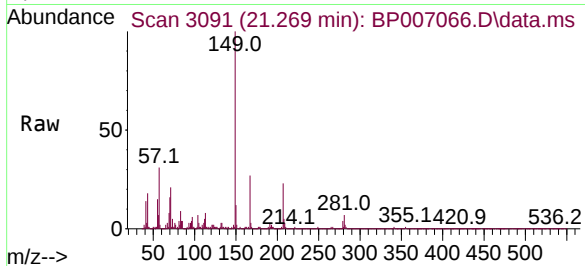




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.992 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

Instrument :
BNA_P
ClientSampleId :
NAPL-5-SIDEWALL-END-POINT-(10-

Tgt Ion:149 Resp: 493661
Ion Ratio Lower Upper
149 100
167 27.4 21.9 32.9
279 4.4 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3518
Delta R.T. 0.000 min
Lab File: BP007066.D
Acq: 21 Sep 2021 00:15

Tgt Ion:264 Resp: 3700951
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 22.1 17.6 26.4

