

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
 Data File : BN016369.D
 Acq On : 21 Sep 2021 07:20
 Operator : CG/JU
 Sample : M3798-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Sep 21 07:51:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 20 11:09:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	139344	0.400	ng	# 0.08
7) Naphthalene-d8	10.495	136	128137m	0.400	ng	0.04
13) Acenaphthene-d10	14.307	164	80091m	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	130189	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	145038	0.400	ng	# 0.00
35) Perylene-d12	23.526	264	145086	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.512	112	118628m	0.339	ng	0.20
5) Phenol-d6	7.071	99	984994m	2.324	ng	0.20
8) Nitrobenzene-d5	8.861	82	894352m	11.747	ng	0.04
11) 2-Methylnaphthalene-d10	12.061	152	61162m	0.303	ng	0.01
14) 2,4,6-Tribromophenol	15.804	330	21059	0.895	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	90694	0.289	ng	0.00
27) Fluoranthene-d10	19.118	212	113649	0.302	ng	0.02
31) Terphenyl-d14	19.713	244	233453	0.695	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.546	128	8855010m	25.649	ng	
10) Hexachlorobutadiene	10.825	225	14011m	0.213	ng	
12) 2-Methylnaphthalene	12.132	142	2051951m	8.966	ng	
16) Acenaphthylene	14.028	152	33158	0.089	ng	# 1
17) Acenaphthene	14.370	154	34584	0.150	ng	# 23
18) Fluorene	15.360	166	114303	0.399	ng	# 92
25) Phenanthrene	17.103	178	468240	1.273	ng	# 93
26) Anthracene	17.188	178	33289	0.093	ng	# 75
28) Fluoranthene	19.142	202	223392	0.527	ng	99
30) Pyrene	19.495	202	229228	0.500	ng	# 89
32) Benzo(a)anthracene	21.249	228	118532	0.254	ng	# 79
33) Chrysene	21.291	228	109205	0.242	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.206	149	9157900	36.441	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.826	276	51192	0.109	ng	99
37) Benzo(b)fluoranthene	22.844	252	140369	0.305	ng	# 17
38) Benzo(k)fluoranthene	22.885	252	50264m	0.113	ng	
39) Benzo(a)pyrene	23.423	252	89110	0.214	ng	# 23
40) Dibenzo(a,h)anthracene	25.833	278	14999	0.038	ng	# 1
41) Benzo(g,h,i)perylene	26.524	276	47325	0.120	ng	# 77

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

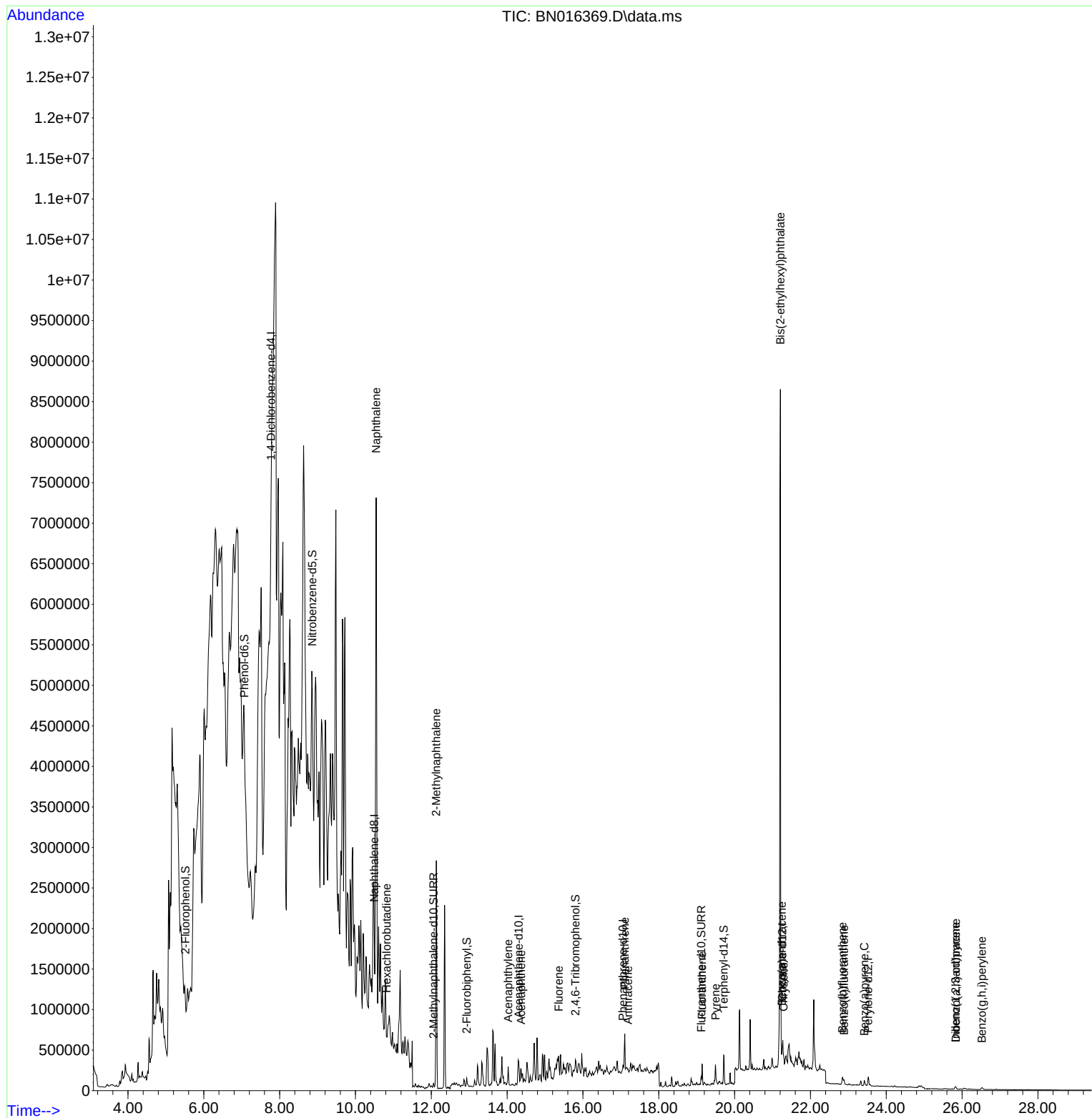
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016369.D
Acq On : 21 Sep 2021 07:20
Operator : CG/JU
Sample : M3798-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

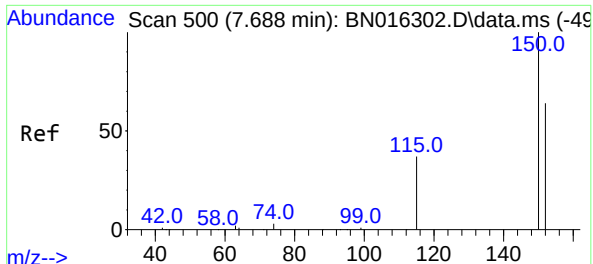
Instrument :
BNA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

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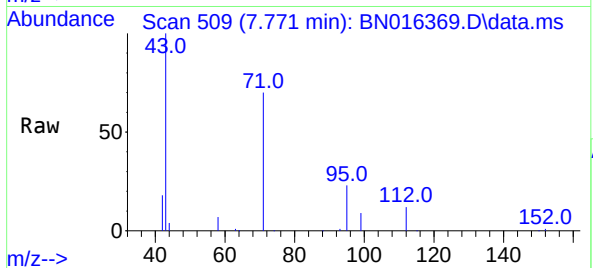
Quant Time: Sep 21 07:51:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 20 11:09:23 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.771 min Scan# 509
Delta R.T. 0.083 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

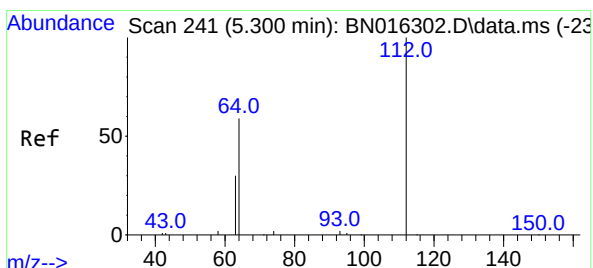
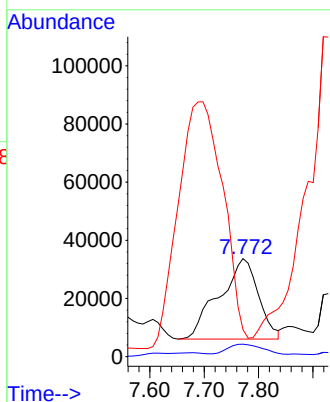
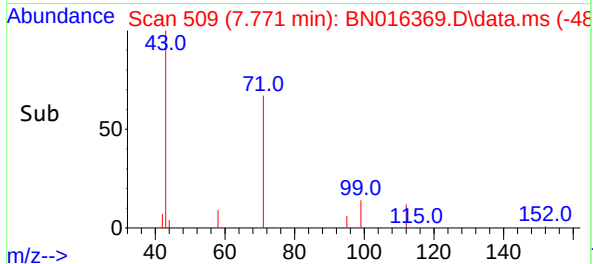
Instrument :
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ClientSampleId :
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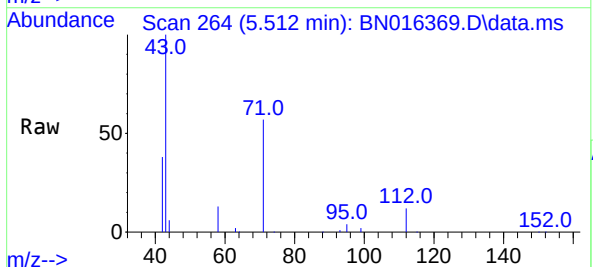
Tgt Ion:152 Resp: 139344
Ion Ratio Lower Upper
152 100
150 12.7 125.6 188.4#
115 27.6 50.2 75.2#

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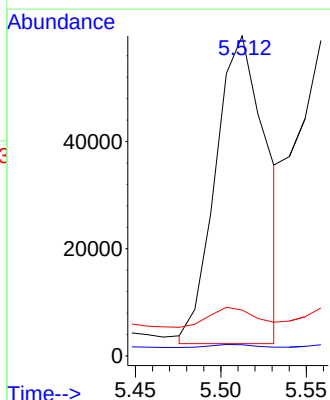
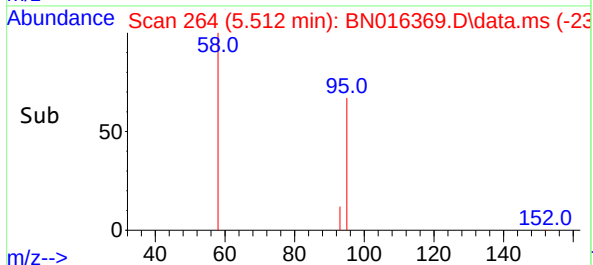
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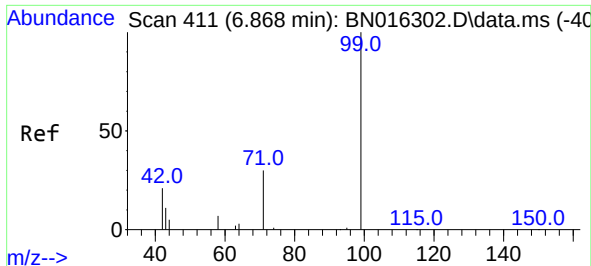


#4
2-Fluorophenol
Concen: 0.339 ng m
RT: 5.512 min Scan# 264
Delta R.T. 0.203 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20



Tgt Ion:112 Resp: 118628
Ion Ratio Lower Upper
112 100
64 0.0 47.3 70.9#
63 0.0 23.4 35.0#





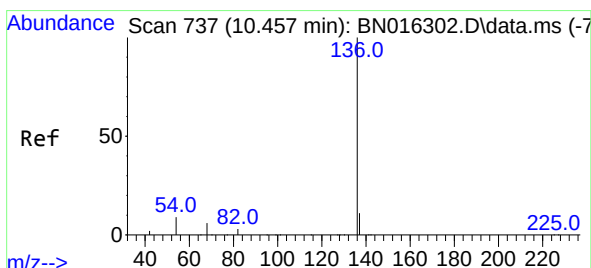
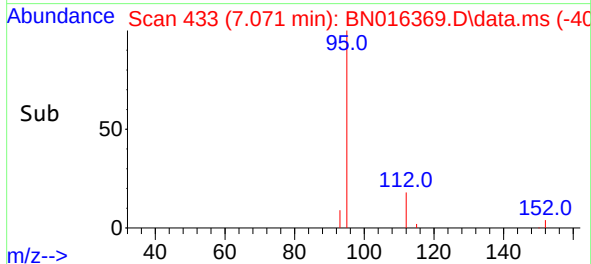
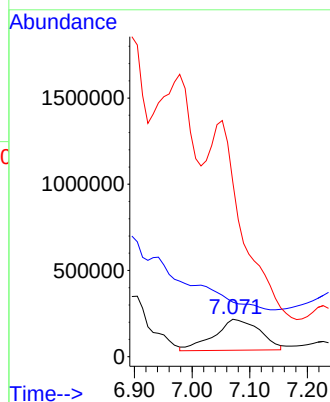
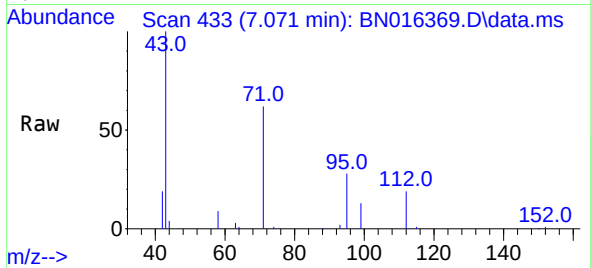
#5
Phenol-d6
Concen: 2.324 ng m
RT: 7.071 min Scan# 433
Delta R.T. 0.203 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

Tgt Ion: 99 Resp: 984994
Ion Ratio Lower Upper
99 100
42 0.0 14.0 21.0#
71 0.0 23.8 35.6#

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

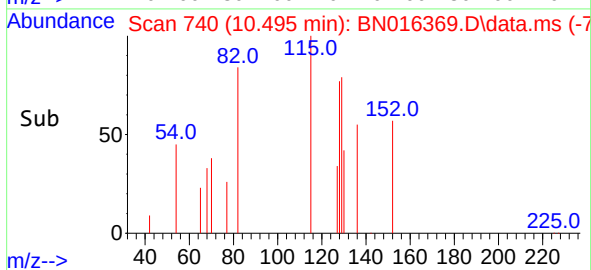
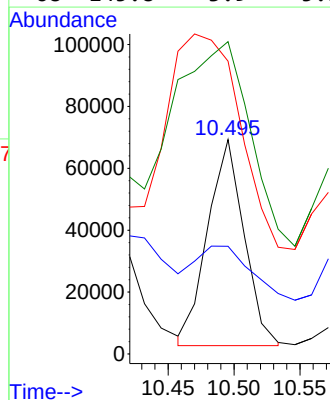
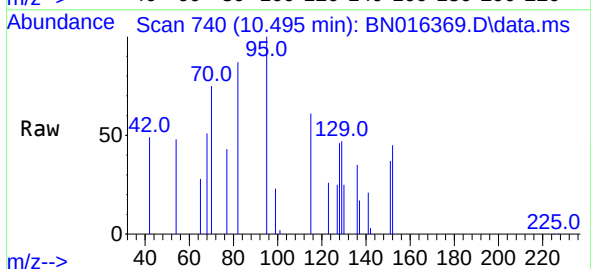
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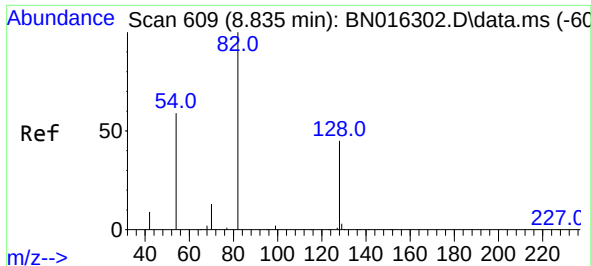
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#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.495 min Scan# 740
Delta R.T. 0.038 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

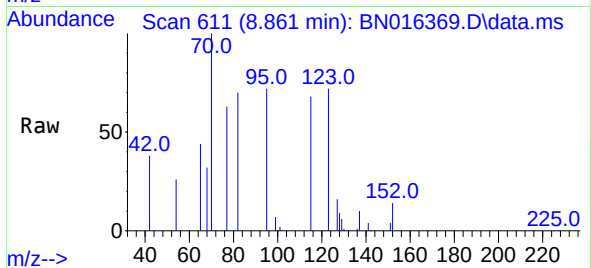
Tgt Ion:136 Resp: 128137
Ion Ratio Lower Upper
136 100
137 50.2 8.8 13.2#
54 136.6 5.3 7.9#
68 145.8 3.9 5.9#





#8
Nitrobenzene-d5
Concen: 11.747 ng m
RT: 8.861 min Scan# 611
Delta R.T. 0.038 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

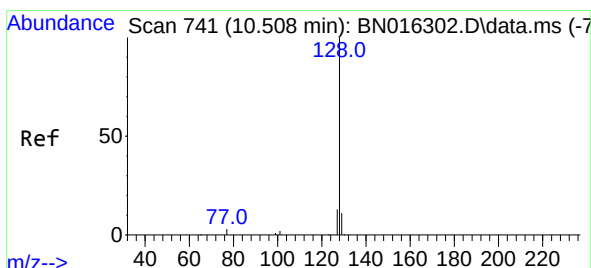
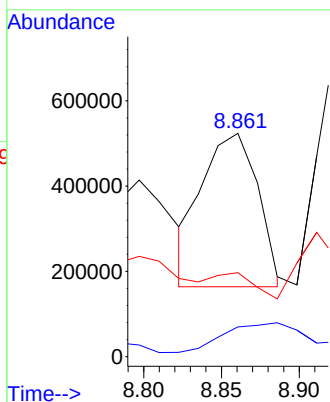
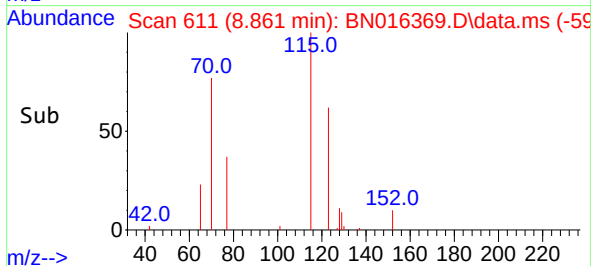
Instrument :
BNA_N
ClientSampleId :
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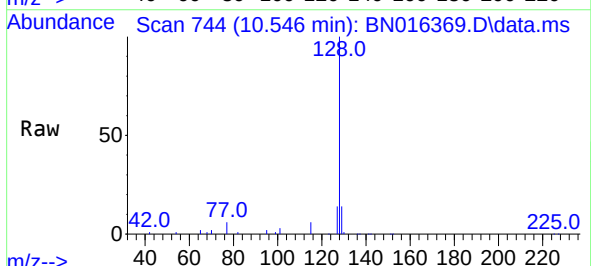
Tgt Ion: 82 Resp: 894352
Ion Ratio Lower Upper
82 100
128 13.3 31.7 47.5#
54 37.6 46.4 69.6#

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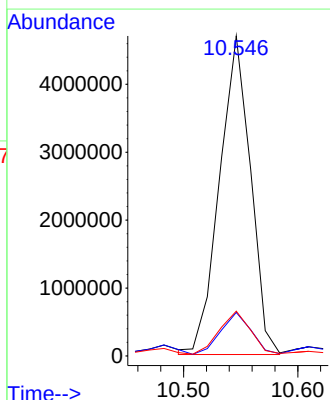
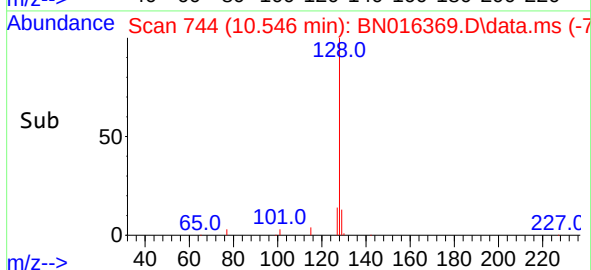
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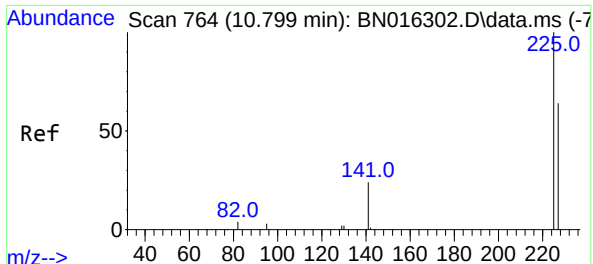


#9
Naphthalene
Concen: 25.649 ng m
RT: 10.546 min Scan# 744
Delta R.T. 0.051 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20



Tgt Ion: 128 Resp: 8855010
Ion Ratio Lower Upper
128 100
129 13.6 8.9 13.3#
127 14.0 10.1 15.1





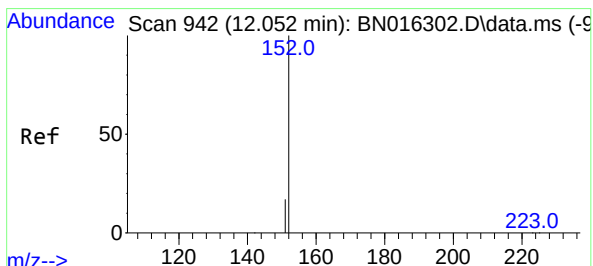
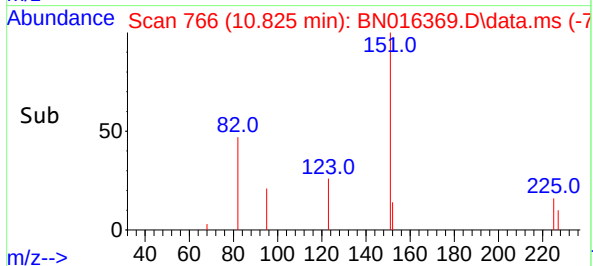
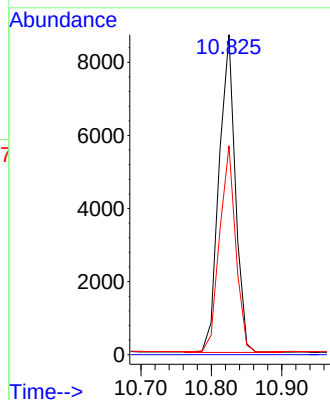
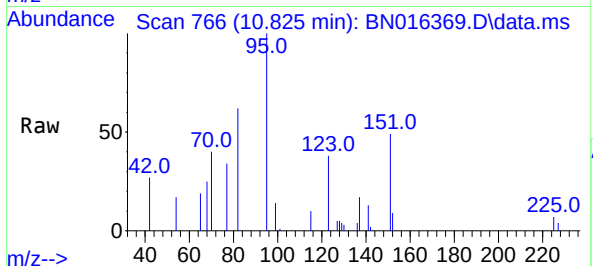
#10
Hexachlorobutadiene
Concen: 0.213 ng m
RT: 10.825 min Scan# 766
Delta R.T. 0.038 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

Tgt Ion:225 Resp: 14011
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 0.0 51.5 77.3#

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

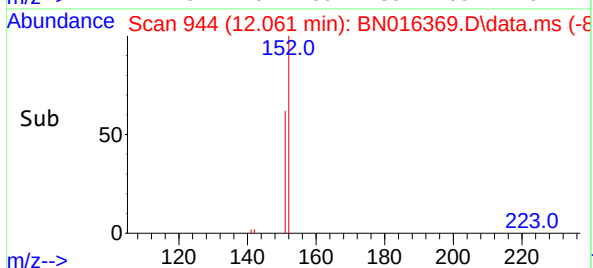
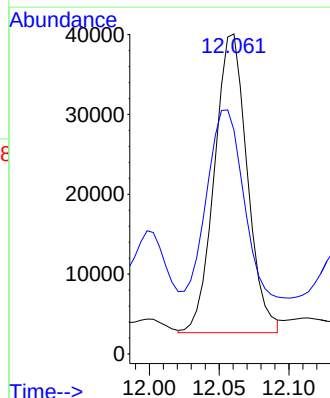
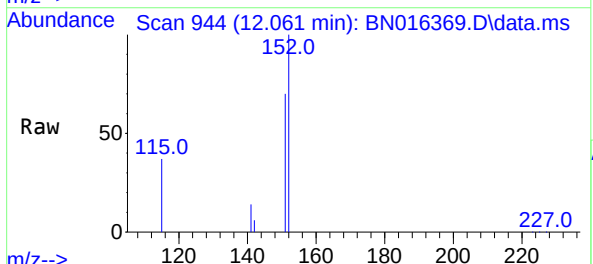
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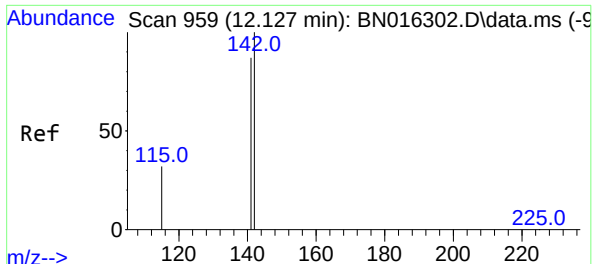
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#11
2-Methylnaphthalene-d10
Concen: 0.303 ng m
RT: 12.061 min Scan# 944
Delta R.T. 0.014 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

Tgt Ion:152 Resp: 61162
Ion Ratio Lower Upper
152 100
151 10.9 16.1 24.1#





#12

2-Methylnaphthalene

Concen: 8.966 ng m

RT: 12.132 min Scan# 960

Delta R.T. 0.014 min

Lab File: BN016369.D

Acq: 21 Sep 2021 07:20

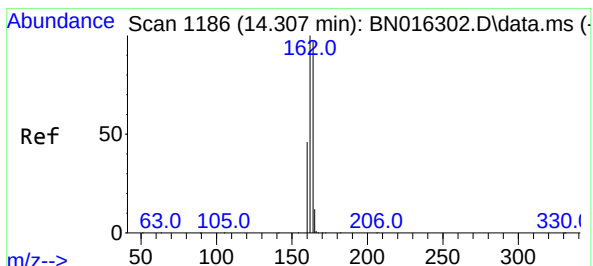
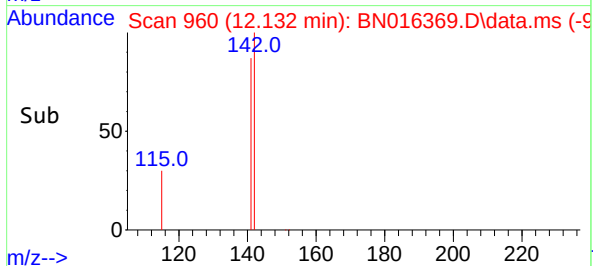
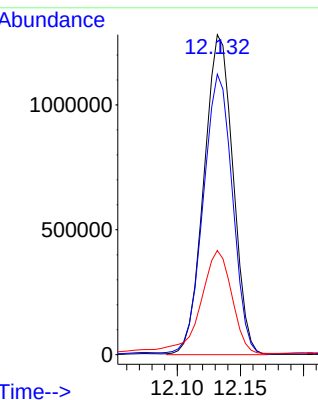
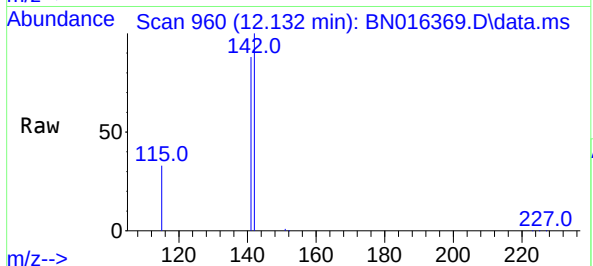
Tgt Ion:142 Resp: 2051951

Ion Ratio Lower Upper

142 100

141 87.6 69.8 104.8

115 32.6 24.4 36.6



#13

Acenaphthene-d10

Concen: 0.400 ng m

RT: 14.307 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BN016369.D

Acq: 21 Sep 2021 07:20

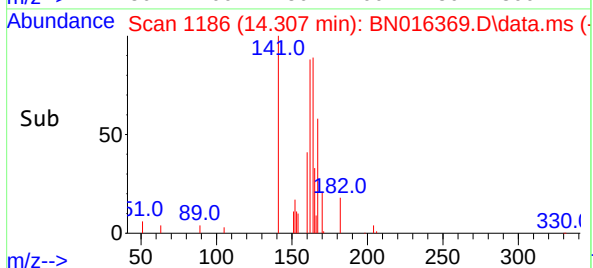
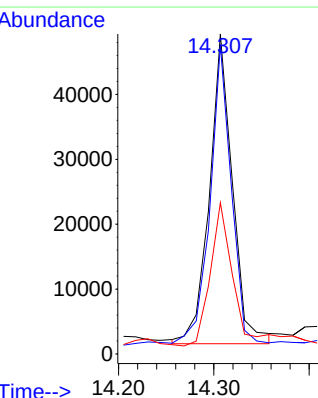
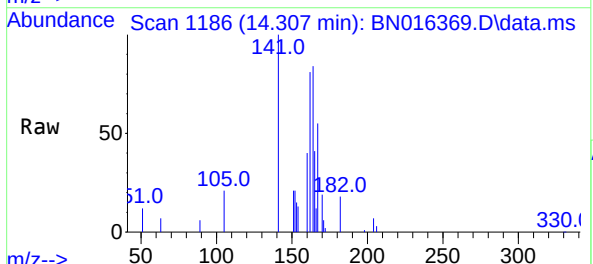
Tgt Ion:164 Resp: 80091

Ion Ratio Lower Upper

164 100

162 96.7 79.0 118.4

160 47.3 34.1 51.1



Instrument :

BNA_N

ClientSampleId :

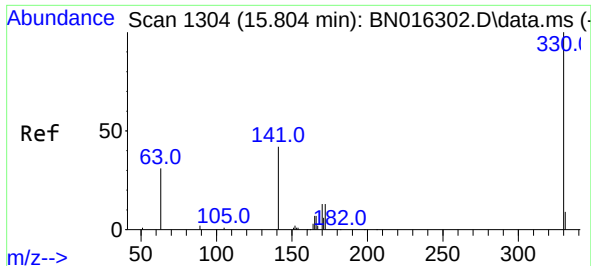
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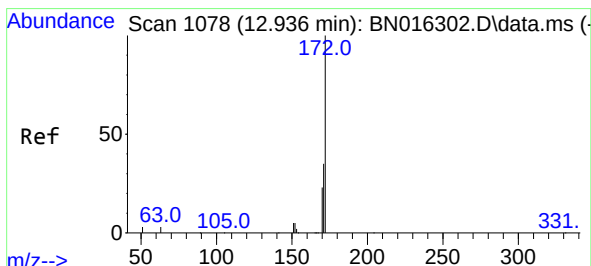
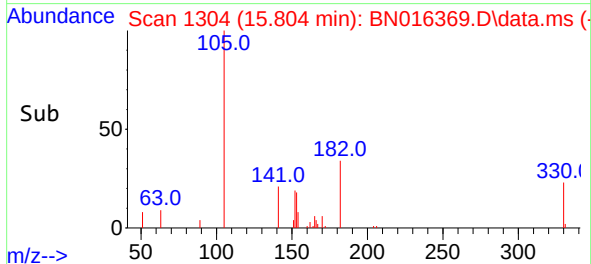
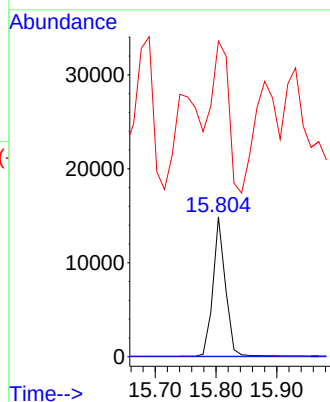
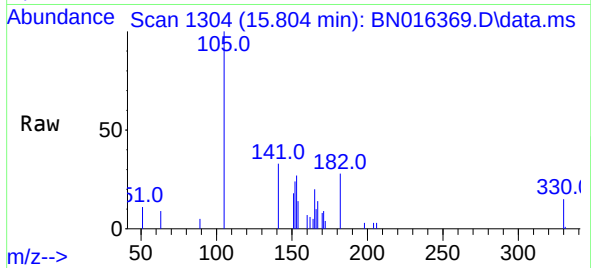
#14
2,4,6-Tribromophenol
Concen: 0.895 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

Tgt Ion: 330 Resp: 21059
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 148.6 25.0 37.4#

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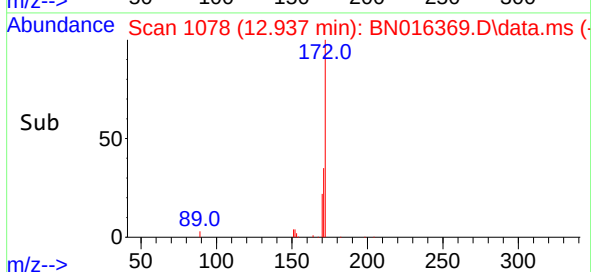
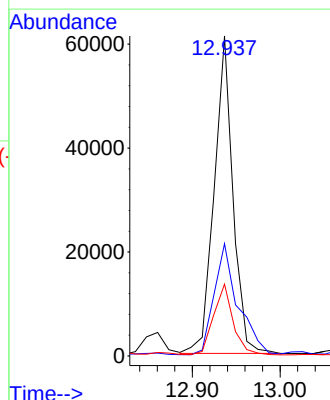
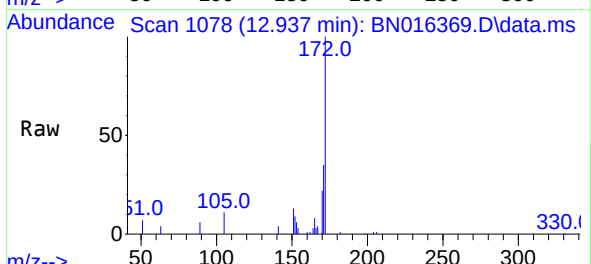
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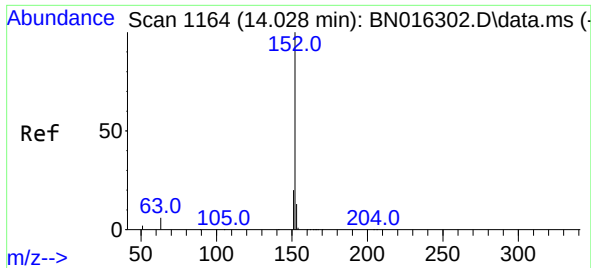
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#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.937 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

Tgt Ion: 172 Resp: 90694
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 22.4 18.2 27.2





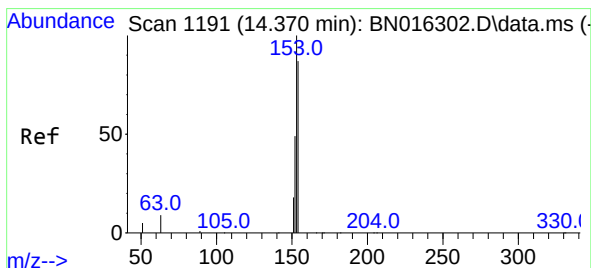
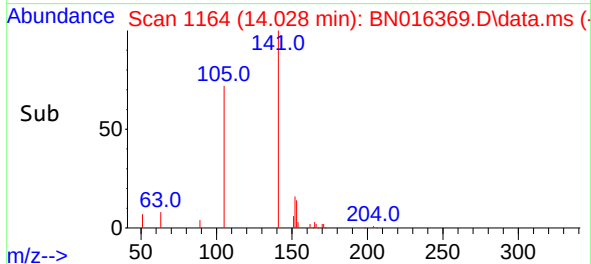
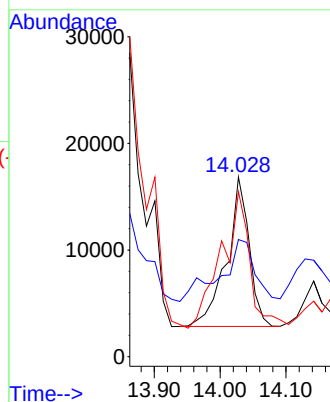
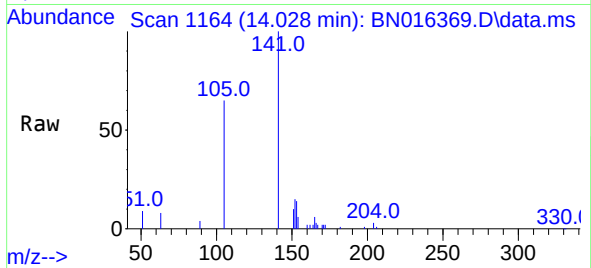
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Acenaphthylene
Concen: 0.089 ng
RT: 14.028 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	63.0	15.2	22.8#
153	116.1	10.5	15.7#

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

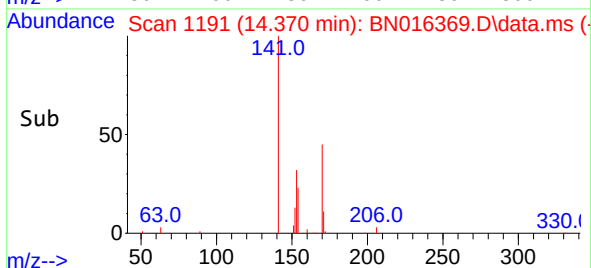
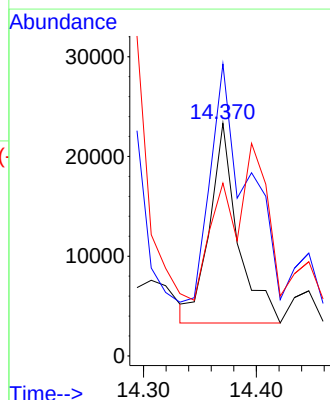
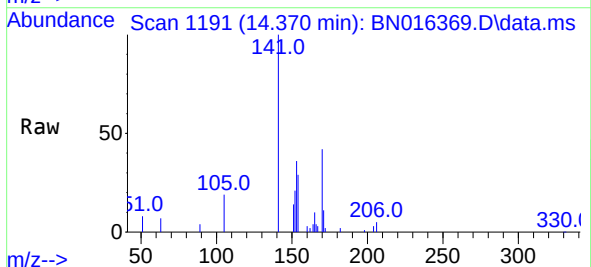
Manual Integrations
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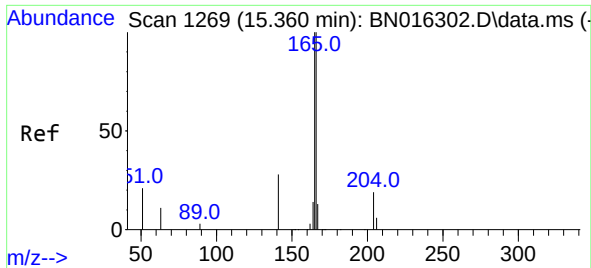
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9/21/2021 11:31:07 AM



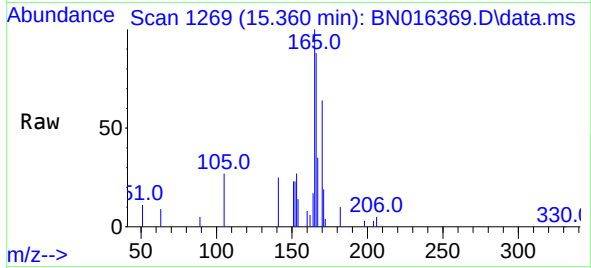
#17
Acenaphthene
Concen: 0.150 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	194.8	89.3	133.9#
152	0.0	42.2	63.4#

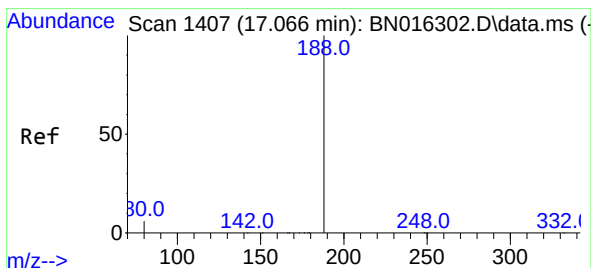
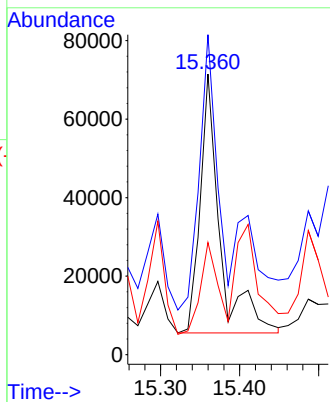
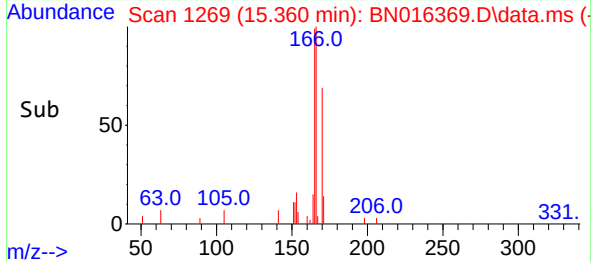




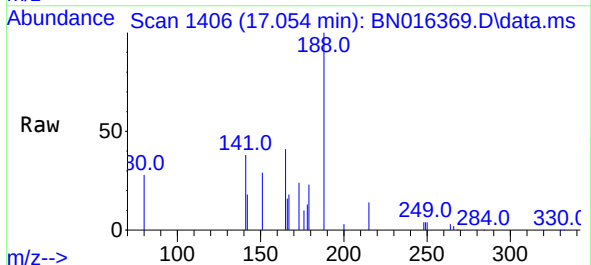
#18
Fluorene
Concen: 0.399 ng
RT: 15.360 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20



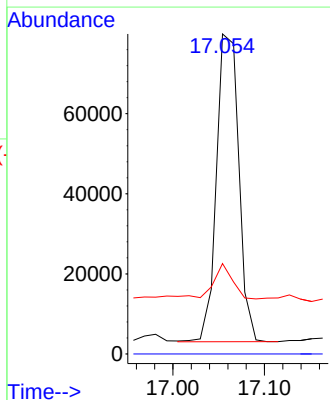
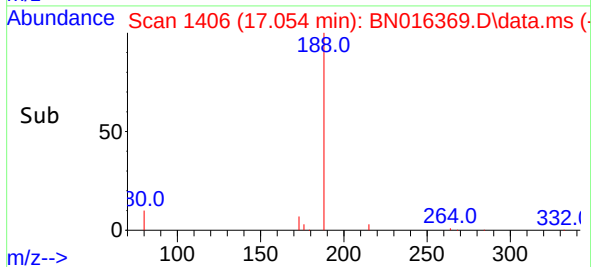
Tgt Ion:166 Resp: 114303
Ion Ratio Lower Upper
166 100
165 93.6 76.7 115.1
167 32.0 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20



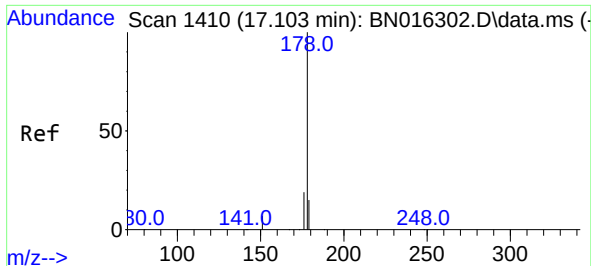
Tgt Ion:188 Resp: 130189
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 28.3 7.0 10.6#



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

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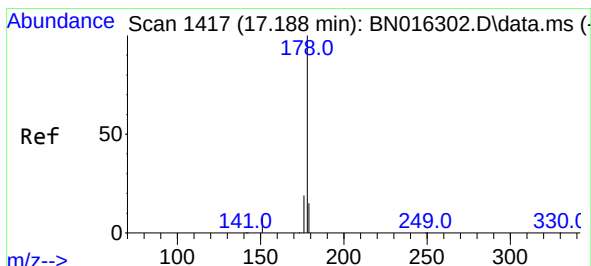
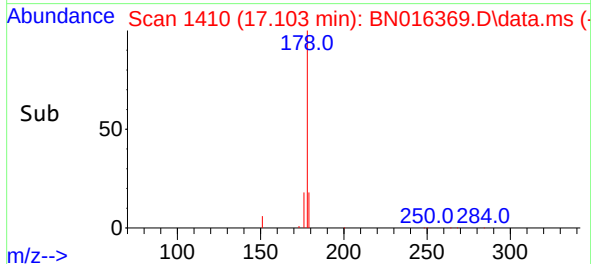
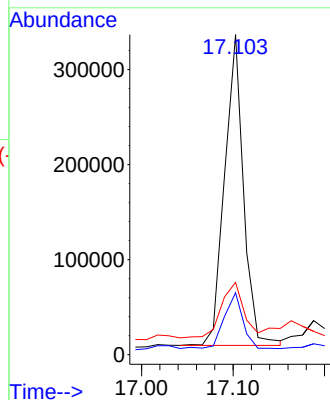
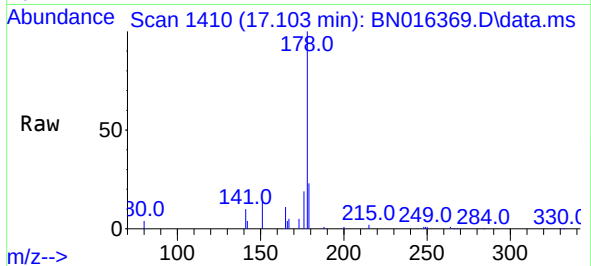
#25
Phenanthrene
Concen: 1.273 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

Tgt Ion:178 Resp: 468240
Ion Ratio Lower Upper
178 100
176 17.5 14.4 21.6
179 21.3 12.2 18.4#

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

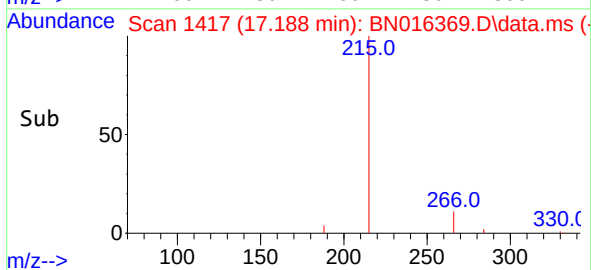
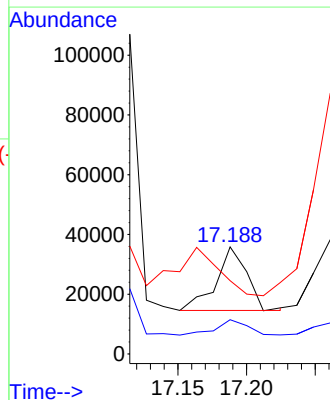
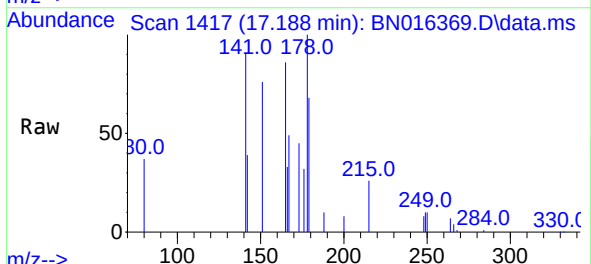
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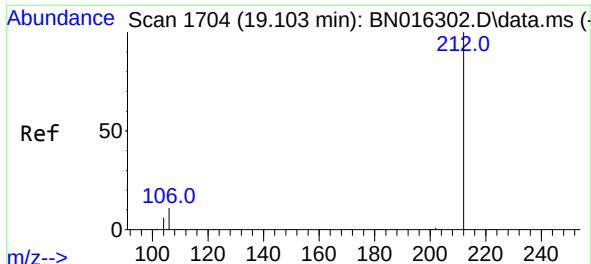
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#26
Anthracene
Concen: 0.093 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

Tgt Ion:178 Resp: 33289
Ion Ratio Lower Upper
178 100
176 23.9 13.9 20.9#
179 0.0 12.2 18.4#





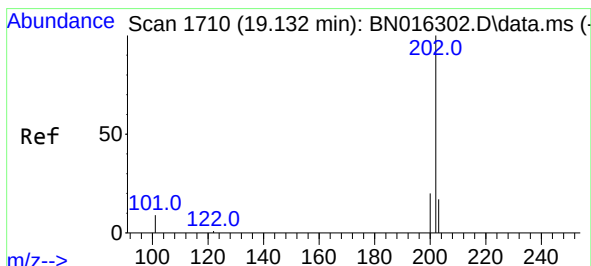
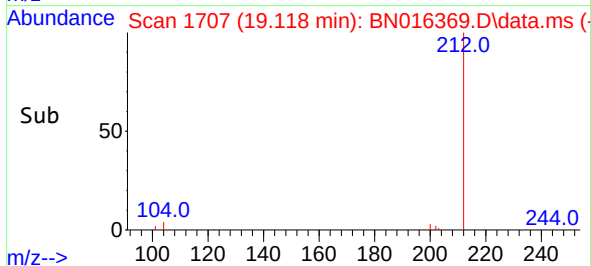
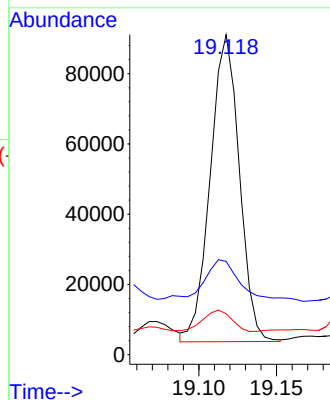
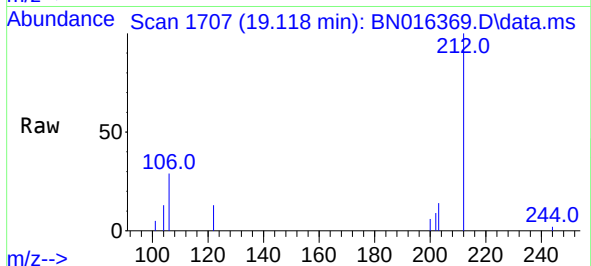
#27
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.118 min Scan# 1707
Delta R.T. 0.020 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

Tgt Ion: 212 Resp: 113649
Ion Ratio Lower Upper
212 100
106 25.5 9.8 14.6#
104 7.1 5.4 8.2

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

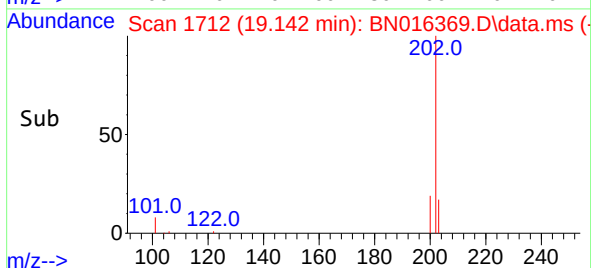
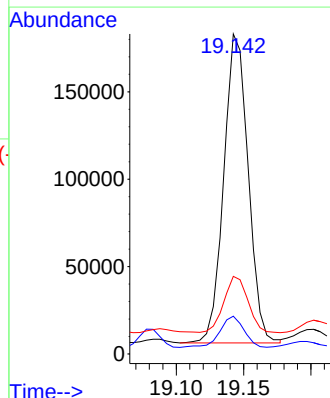
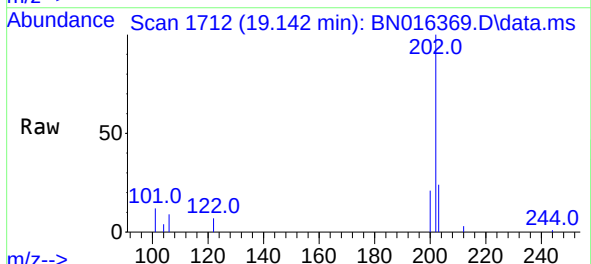
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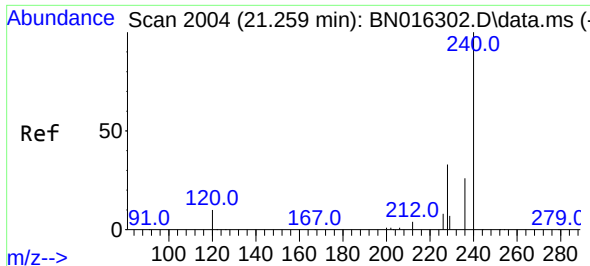
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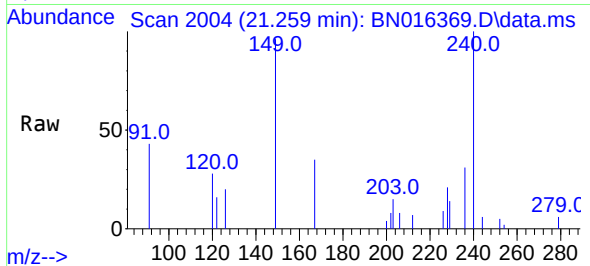
#28
Fluoranthene
Concen: 0.527 ng
RT: 19.142 min Scan# 1712
Delta R.T. 0.015 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

Tgt Ion: 202 Resp: 223392
Ion Ratio Lower Upper
202 100
101 10.0 8.5 12.7
203 17.9 13.8 20.8

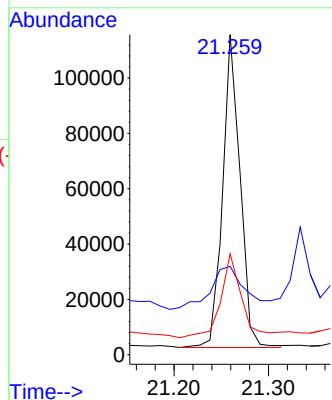
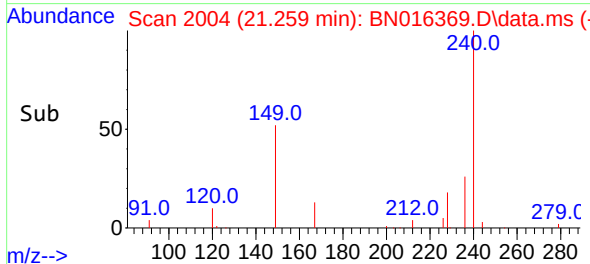




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20



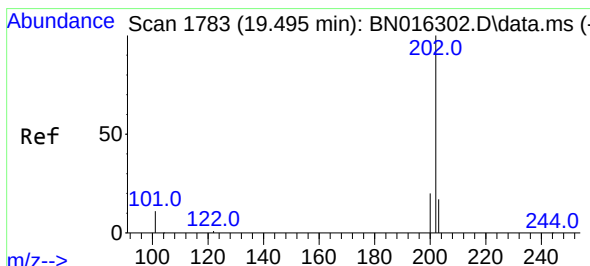
Tgt Ion:240 Resp: 145038
Ion Ratio Lower Upper
240 100
120 27.6 5.3 7.9#
236 31.5 19.8 29.8#



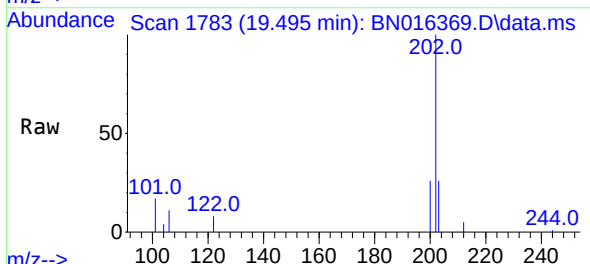
Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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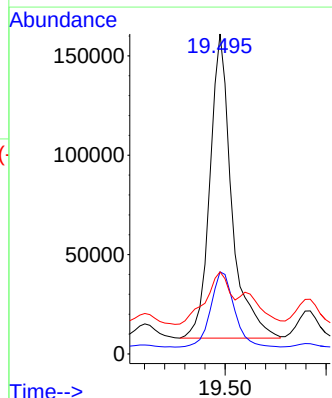
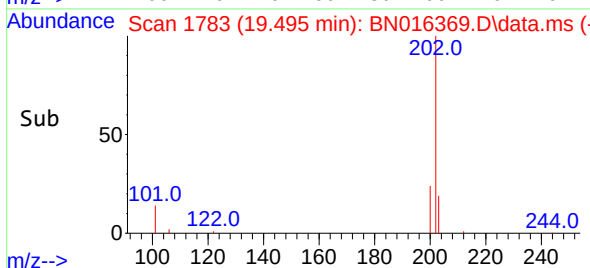
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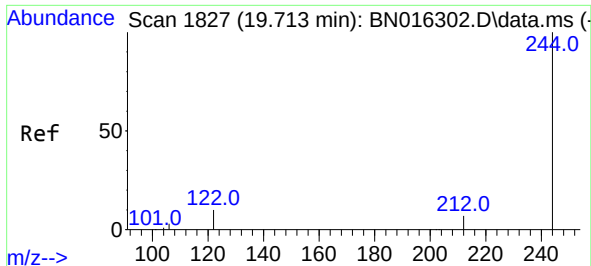


#30
Pyrene
Concen: 0.500 ng
RT: 19.495 min Scan# 1783
Delta R.T. 0.005 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

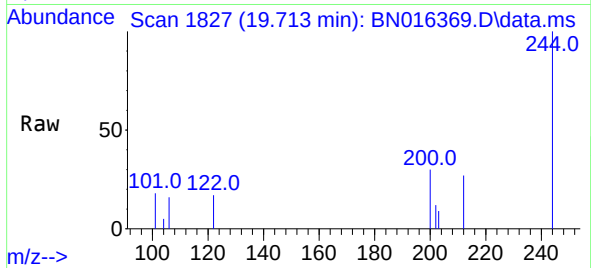


Tgt Ion:202 Resp: 229228
Ion Ratio Lower Upper
202 100
200 27.0 15.8 23.6#
203 19.5 13.9 20.9

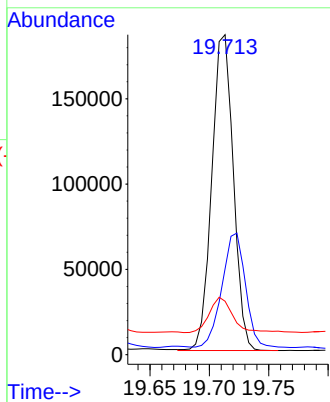
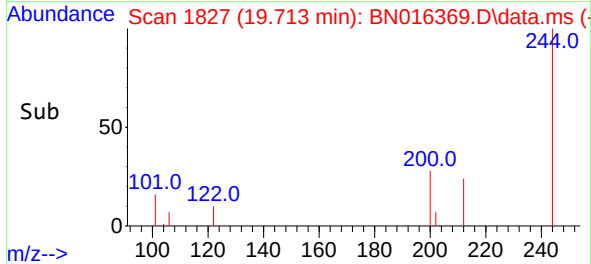




#31
Terphenyl-d14
Concen: 0.695 ng
RT: 19.713 min Scan# 1827
Delta R.T. 0.005 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20



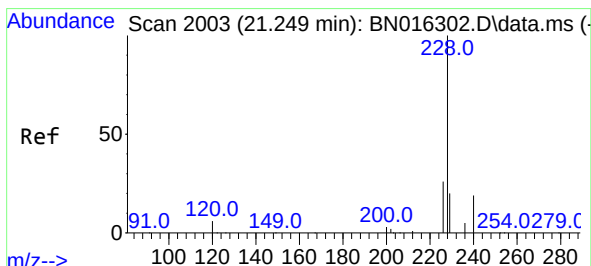
Tgt Ion:244 Resp: 233453
Ion Ratio Lower Upper
244 100
212 26.9 5.5 8.3#
122 16.7 9.0 13.4#



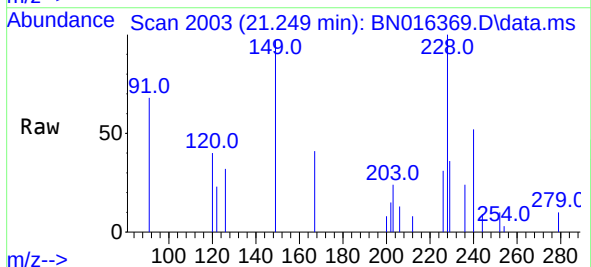
Instrument :
BNA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

Manual Integrations
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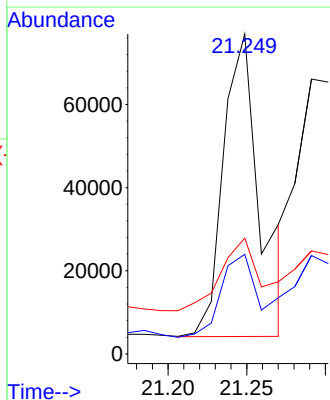
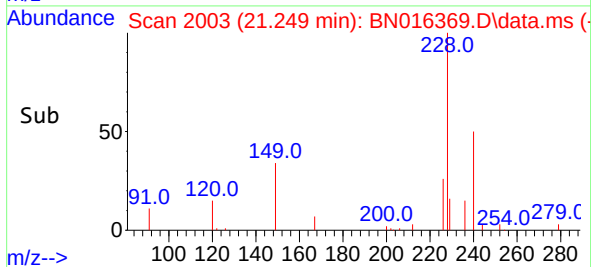
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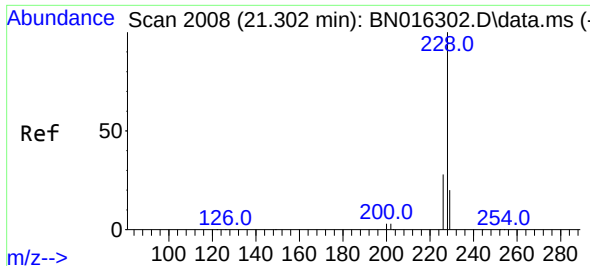


#32
Benzo(a)anthracene
Concen: 0.254 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20



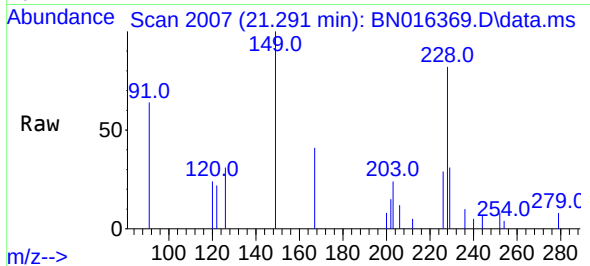
Tgt Ion:228 Resp: 118532
Ion Ratio Lower Upper
228 100
226 31.2 20.8 31.2
229 36.2 15.8 23.6#





#33
Chrysene
Concen: 0.242 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

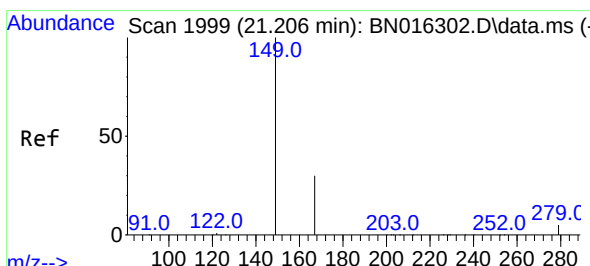
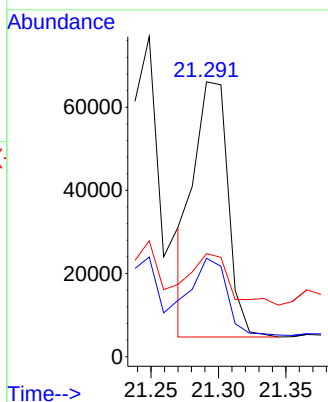
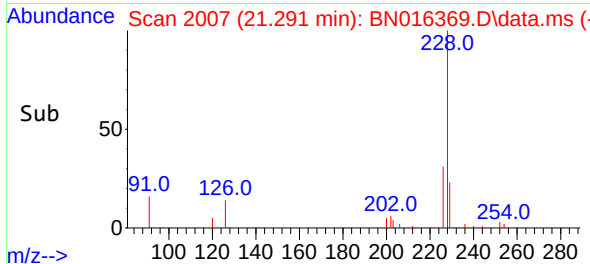
Instrument :
BNA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT



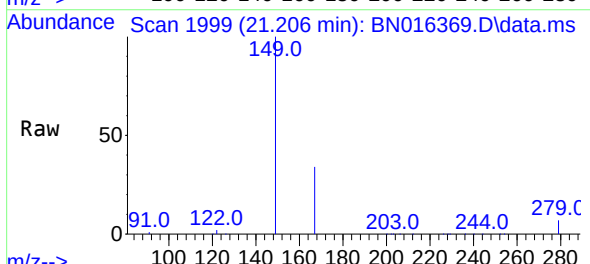
Tgt Ion:228 Resp: 109205
Ion Ratio Lower Upper
228 100
226 35.8 23.0 34.4#
229 37.5 15.6 23.4#

Manual Integrations
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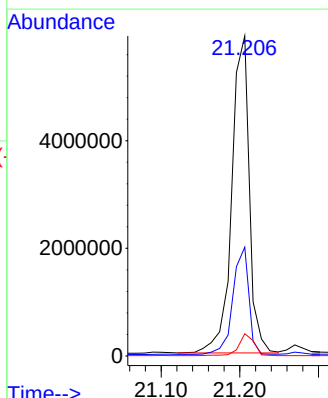
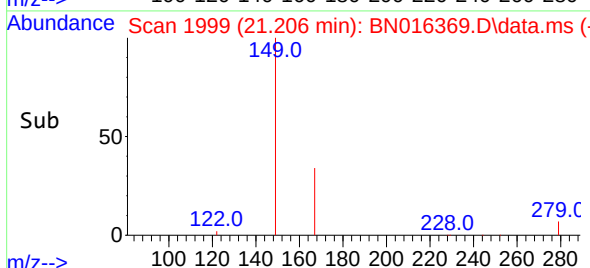
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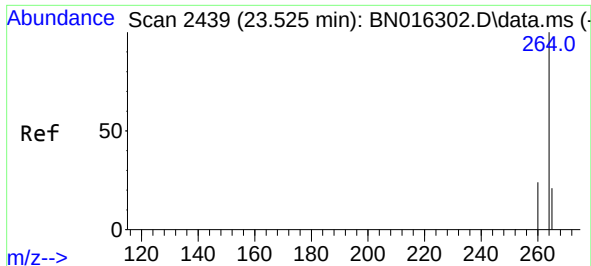


#34
Bis(2-ethylhexyl)phthalate
Concen: 36.441 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.011 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20



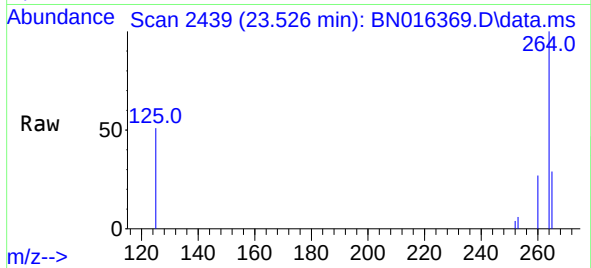
Tgt Ion:149 Resp: 9157900
Ion Ratio Lower Upper
149 100
167 30.6 23.4 35.0
279 6.0 3.9 5.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.526 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

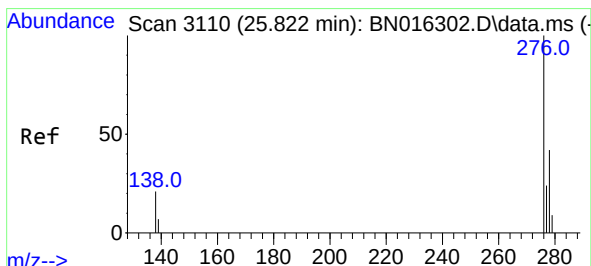
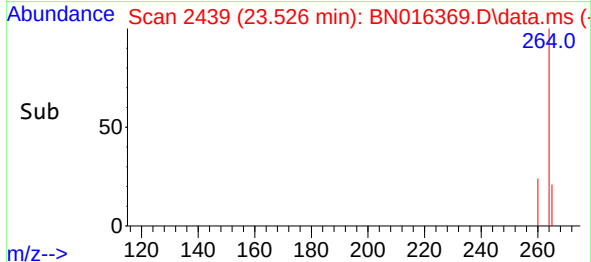
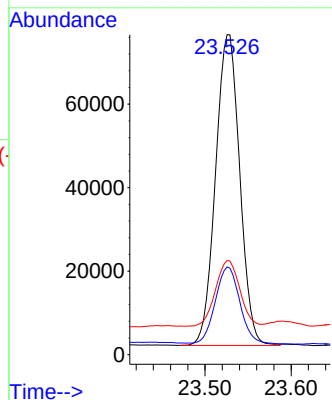
Instrument :
BNA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT



Tgt Ion:264 Resp: 145086
Ion Ratio Lower Upper
264 100
260 27.4 18.9 28.3
265 29.4 23.7 35.5

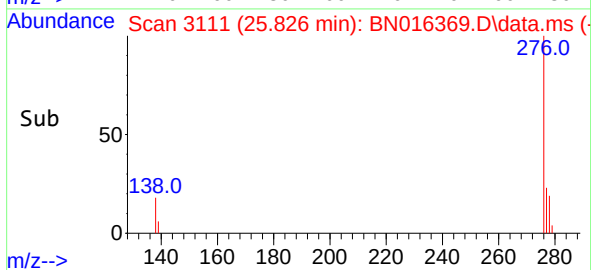
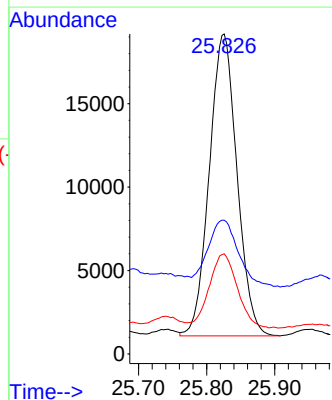
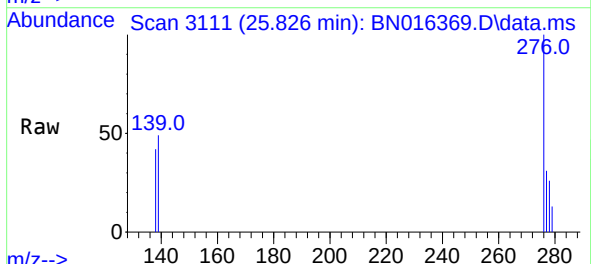
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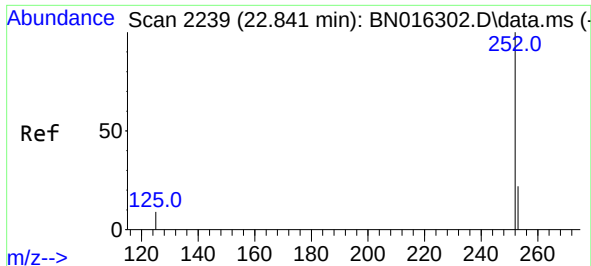
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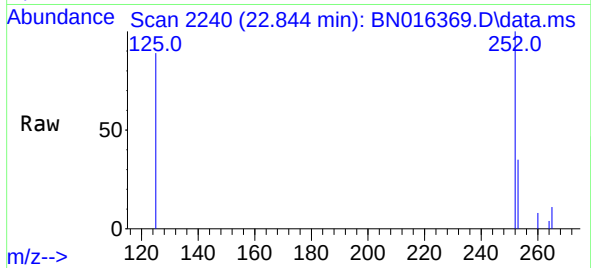
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng
RT: 25.826 min Scan# 3111
Delta R.T. 0.007 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

Tgt Ion:276 Resp: 51192
Ion Ratio Lower Upper
276 100
138 24.8 19.3 28.9
277 24.7 20.2 30.2

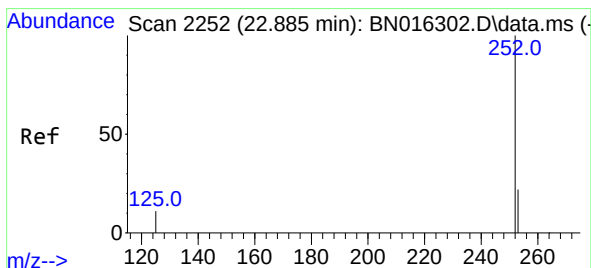
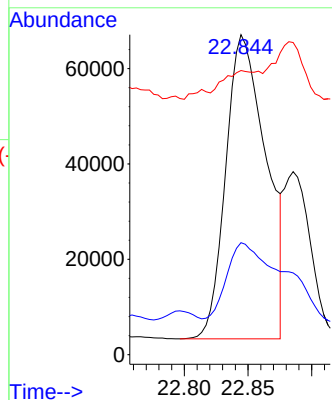




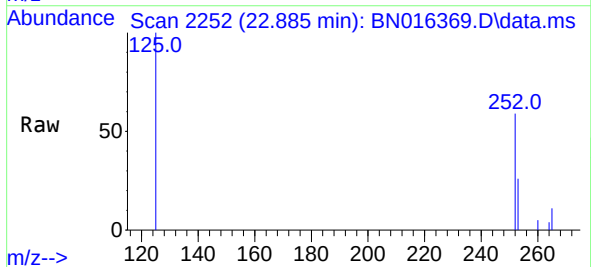
#37
Benzo(b)fluoranthene
Concen: 0.305 ng
RT: 22.844 min Scan# 2240
Delta R.T. 0.004 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20



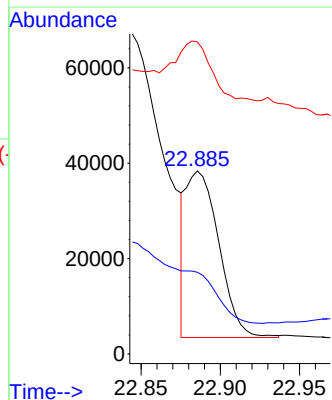
Tgt Ion:252 Resp: 140369
Ion Ratio Lower Upper
252 100
253 35.0 18.2 27.2#
125 88.8 8.4 12.6#



#38
Benzo(k)fluoranthene
Concen: 0.113 ng m
RT: 22.885 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20



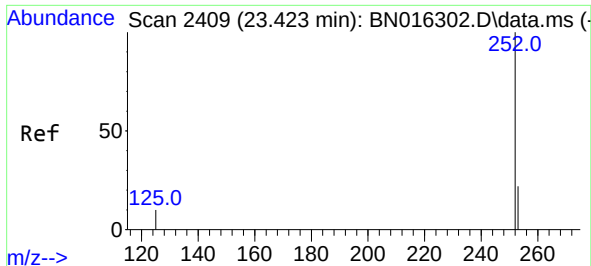
Tgt Ion:252 Resp: 50264
Ion Ratio Lower Upper
252 100
253 44.7 18.2 27.2#
125 170.5 8.2 12.4#



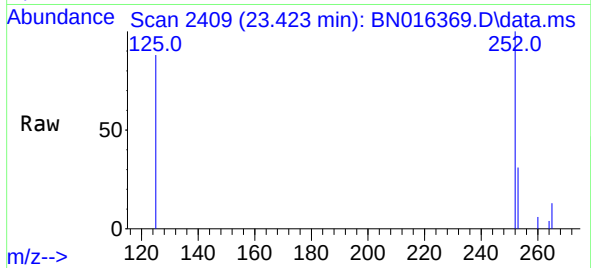
Instrument :
BNA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

Manual Integrations
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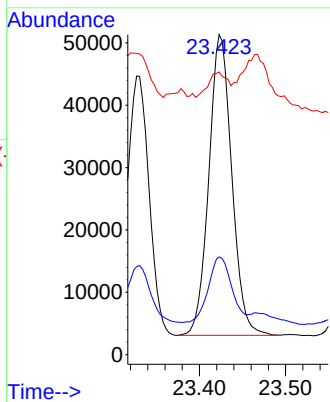
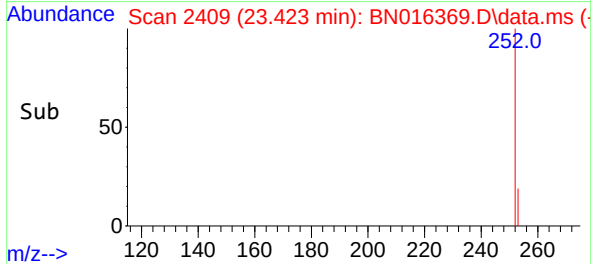
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#39
Benzo(a)pyrene
Concen: 0.214 ng
RT: 23.423 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20



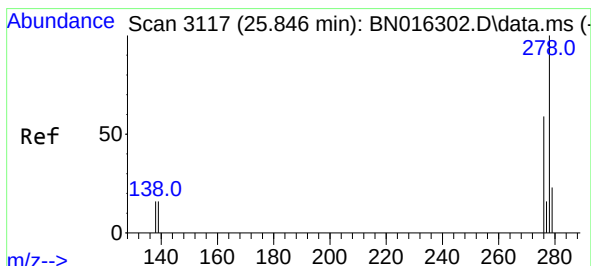
Tgt Ion:252 Resp: 89110
Ion Ratio Lower Upper
252 100
253 30.6 18.7 28.1#
125 88.3 9.9 14.9#



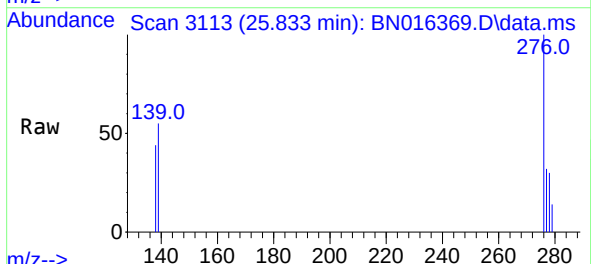
Instrument :
BNA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

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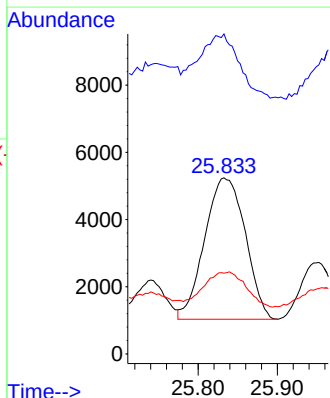
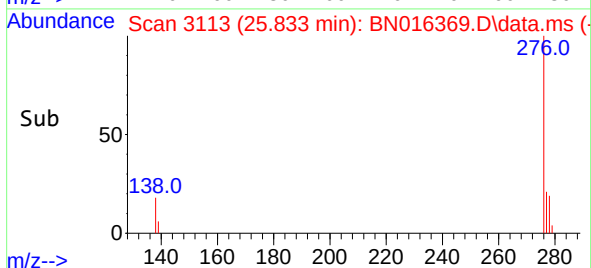
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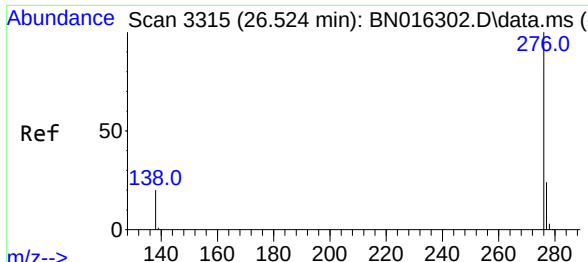


#40
Dibenzo(a,h)anthracene
Concen: 0.038 ng
RT: 25.833 min Scan# 3113
Delta R.T. -0.010 min
Lab File: BN016369.D
Acq: 21 Sep 2021 07:20

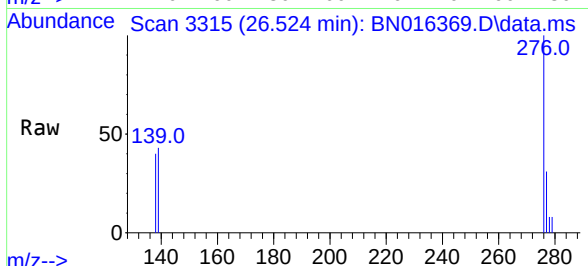


Tgt Ion:278 Resp: 14999
Ion Ratio Lower Upper
278 100
139 181.7 14.2 21.2#
279 45.9 21.3 31.9#

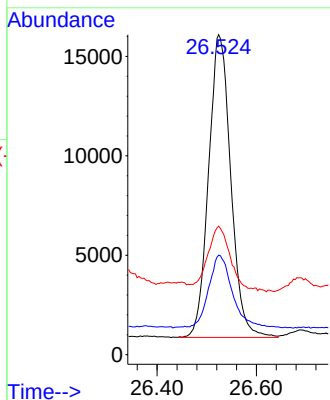
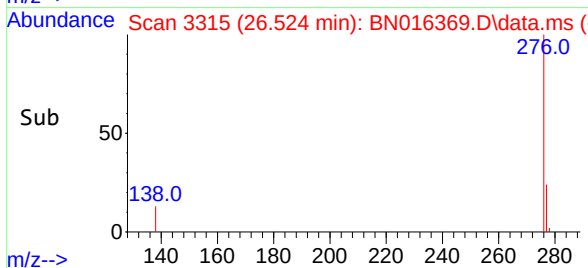




#41
 Benzo(g,h,i)perylene
 Concen: 0.120 ng
 RT: 26.524 min Scan# 3315
 Delta R.T. 0.004 min
 Lab File: BN016369.D
 Acq: 21 Sep 2021 07:20



Tgt Ion: 276 Resp: 47325
 Ion Ratio Lower Upper
 276 100
 277 31.1 20.5 30.7#
 138 40.1 18.2 27.4#



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

Manual Integrations
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