

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
 Data File : BN016368.D
 Acq On : 21 Sep 2021 06:44
 Operator : CG/JU
 Sample : M3798-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 NAPL-06-(8-10)-END-POINT

Manual Integrations
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mohammad
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Quant Time: Sep 21 07:19:37 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	7.688	152	161839	0.400	ng	# 0.00
7) Naphthalene-d8	10.470	136	123254	0.400	ng	# 0.01
13) Acenaphthene-d10	14.307	164	77102	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	135105	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	151941	0.400	ng	# 0.00
35) Perylene-d12	23.525	264	159208	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.143	112	328826m	0.810	ng	-0.17
5) Phenol-d6	6.794	99	4368921m	8.874	ng	-0.07
8) Nitrobenzene-d5	8.810	82	960737	13.118	ng	-0.01
11) 2-Methylnaphthalene-d10	12.051	152	64561	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	17701	0.782	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	100393	0.333	ng	0.00
27) Fluoranthene-d10	19.097	212	146654	0.375	ng	0.00
31) Terphenyl-d14	19.708	244	200138	0.569	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.521	128	5417306	16.313	ng	96
10) Hexachlorobutadiene	10.812	225	2901	0.046	ng	# 100
12) 2-Methylnaphthalene	12.123	142	1127562	5.122	ng	98
16) Acenaphthylene	14.027	152	34252	0.095	ng	# 7
17) Acenaphthene	14.370	154	67016	0.301	ng	# 79
18) Fluorene	15.360	166	151253	0.548	ng	# 74
25) Phenanthrene	17.103	178	1289871	3.379	ng	98
26) Anthracene	17.188	178	341639	0.924	ng	# 92
28) Fluoranthene	19.127	202	2397649	5.452	ng	99
30) Pyrene	19.490	202	2018742	4.201	ng	# 92
32) Benzo(a)anthracene	21.248	228	1435849	2.941	ng	97
33) Chrysene	21.291	228	1156880	2.450	ng	95
34) Bis(2-ethylhexyl)phtha...	21.206	149	10230575	38.860	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.822	276	530993	1.033	ng	96
37) Benzo(b)fluoranthene	22.848	252	1477571	2.922	ng	# 93
38) Benzo(k)fluoranthene	22.889	252	576661m	1.185	ng	
39) Benzo(a)pyrene	23.426	252	993641	2.173	ng	# 95
40) Dibenzo(a,h)anthracene	25.836	278	154942	0.355	ng	# 81
41) Benzo(g,h,i)perylene	26.527	276	454222	1.046	ng	98

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

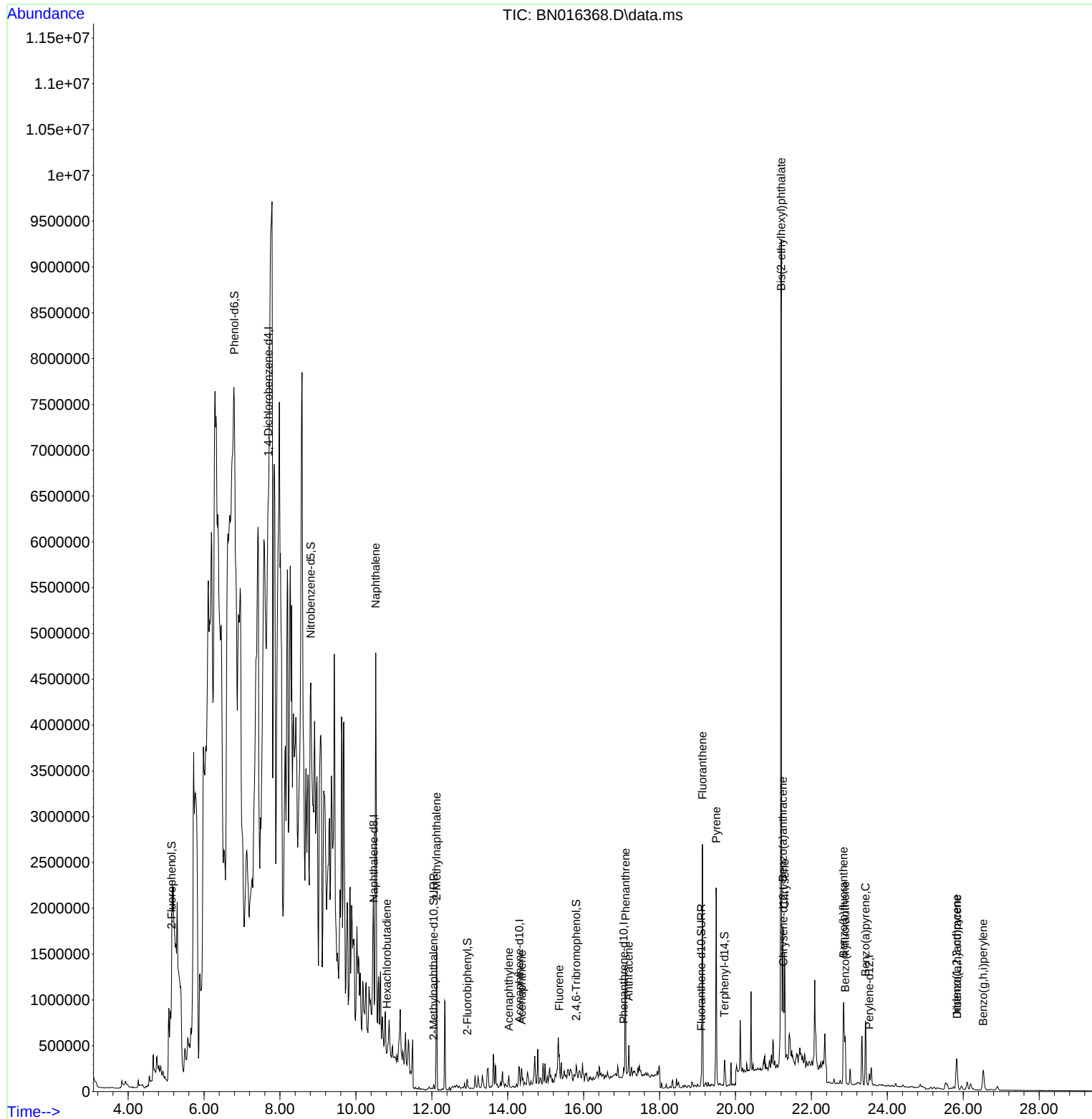
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016368.D
Acq On : 21 Sep 2021 06:44
Operator : CG/JU
Sample : M3798-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

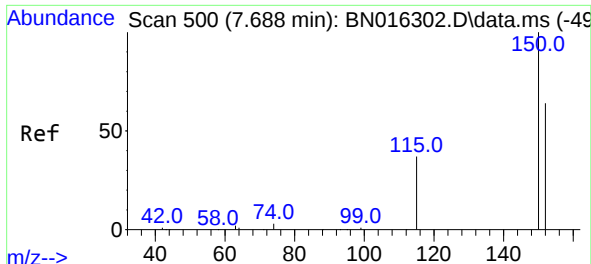
Instrument :
BNA_N
ClientSampleId :
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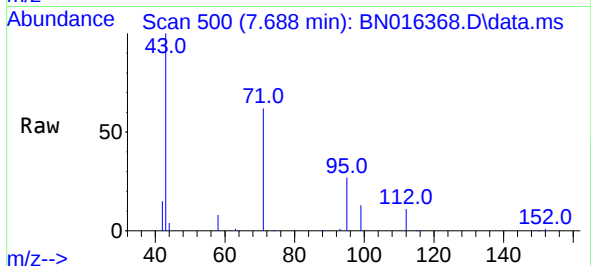
Quant Time: Sep 21 07:19:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 20 11:09:23 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 500
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

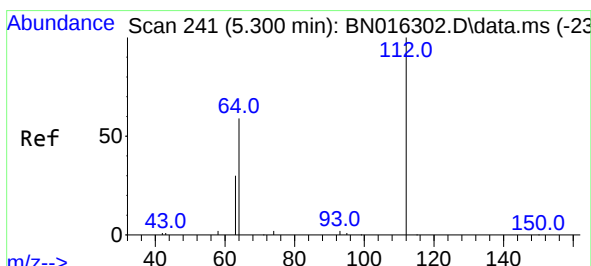
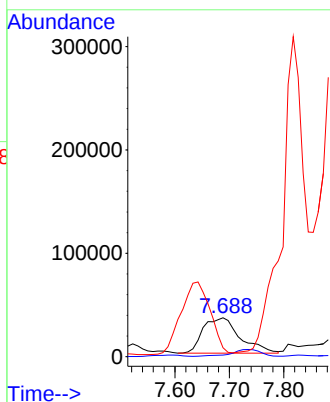
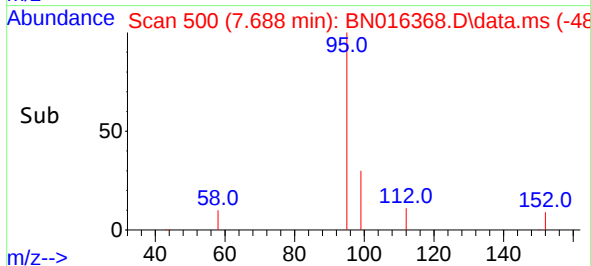
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BNA_N
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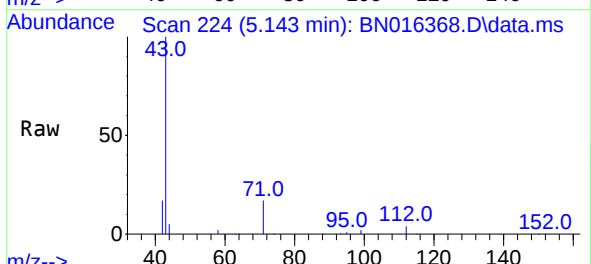
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Ion Ratio Lower Upper
152 100
150 4.4 125.6 188.4#
115 22.9 50.2 75.2#

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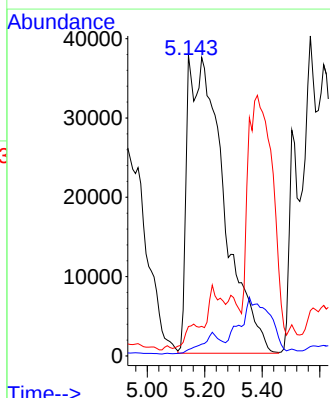
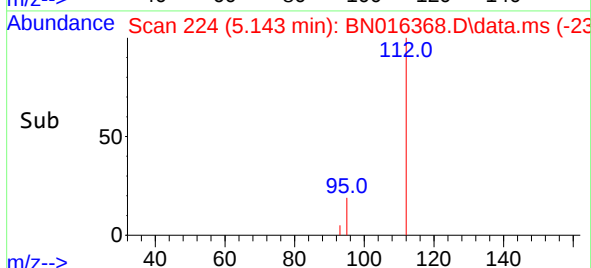
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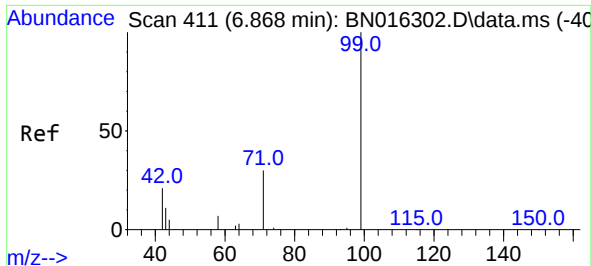


#4
2-Fluorophenol
Concen: 0.810 ng m
RT: 5.143 min Scan# 224
Delta R.T. -0.166 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44



Tgt Ion:112 Resp: 328826
Ion Ratio Lower Upper
112 100
64 0.0 47.3 70.9#
63 0.0 23.4 35.0#





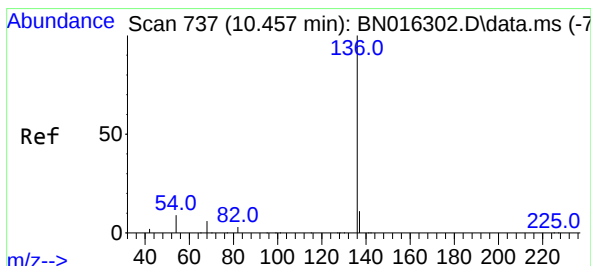
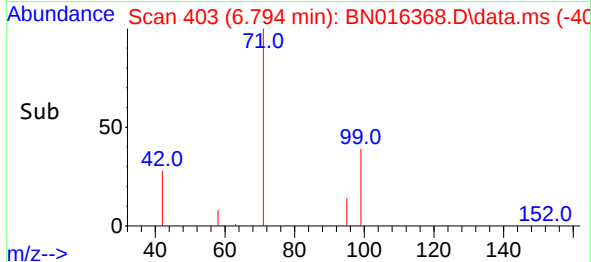
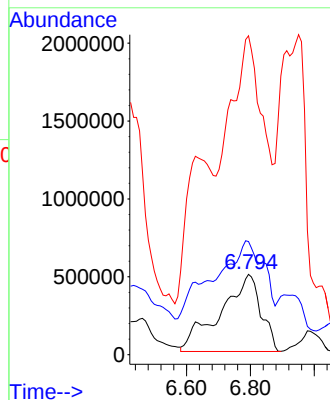
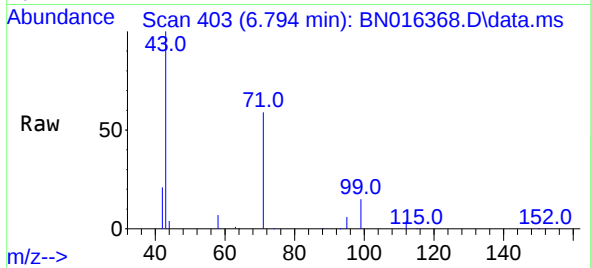
#5
Phenol-d6
Concen: 8.874 ng m
RT: 6.794 min Scan# 403
Delta R.T. -0.074 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

Tgt Ion: 99 Resp: 4368921
Ion Ratio Lower Upper
99 100
42 0.0 14.0 21.0#
71 0.0 23.8 35.6#

Instrument :
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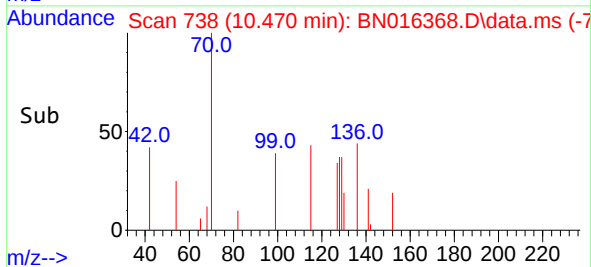
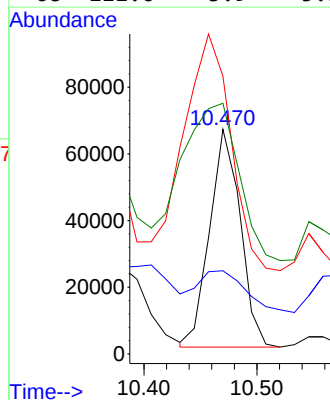
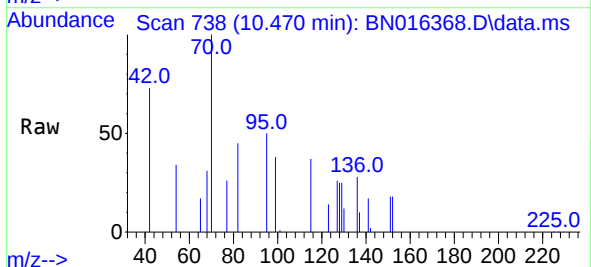
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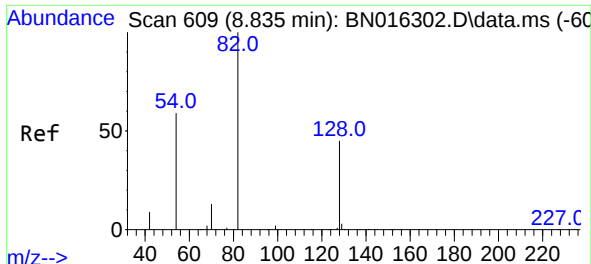
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.013 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

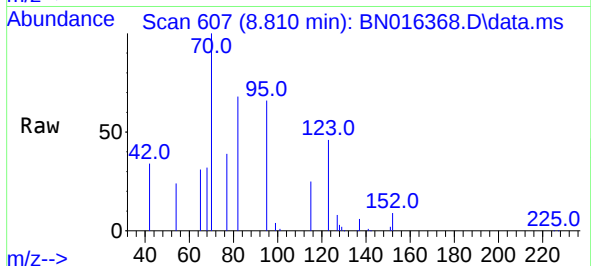
Tgt Ion:136 Resp: 123254
Ion Ratio Lower Upper
136 100
137 37.1 8.8 13.2#
54 123.6 5.3 7.9#
68 111.6 3.9 5.9#





#8
Nitrobenzene-d5
Concen: 13.118 ng
RT: 8.810 min Scan# 607
Delta R.T. -0.013 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

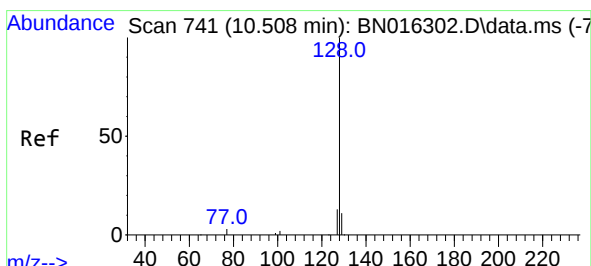
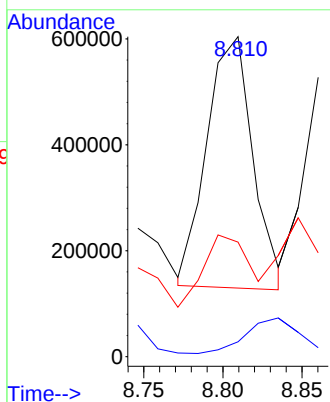
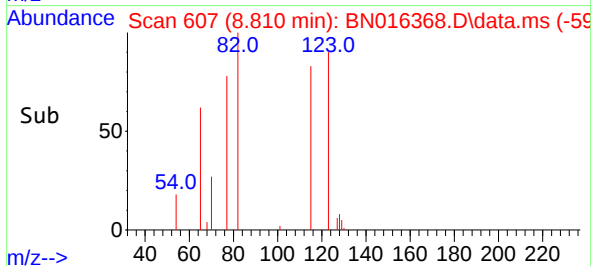
Instrument :
BNA_N
ClientSampleId :
NAPL-06-(8-10)-END-POINT



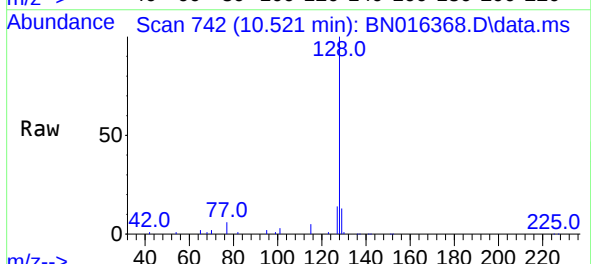
Tgt Ion: 82 Resp: 960737
Ion Ratio Lower Upper
82 100
128 4.6 31.7 47.5#
54 35.8 46.4 69.6#

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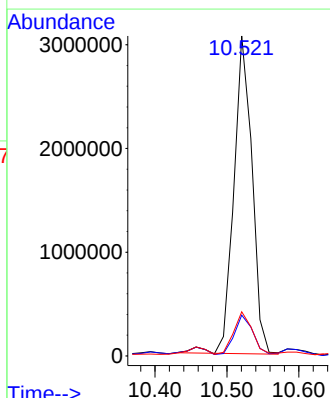
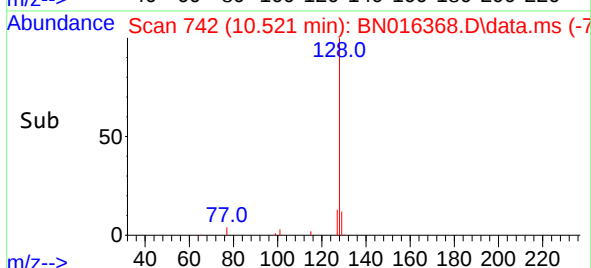
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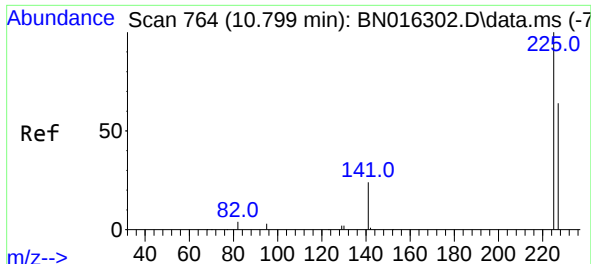


#9
Naphthalene
Concen: 16.313 ng
RT: 10.521 min Scan# 742
Delta R.T. 0.025 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44



Tgt Ion: 128 Resp: 5417306
Ion Ratio Lower Upper
128 100
129 12.8 8.9 13.3
127 13.8 10.1 15.1





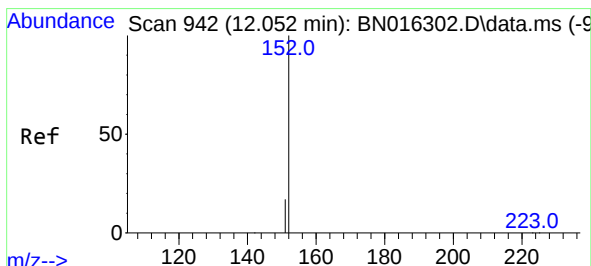
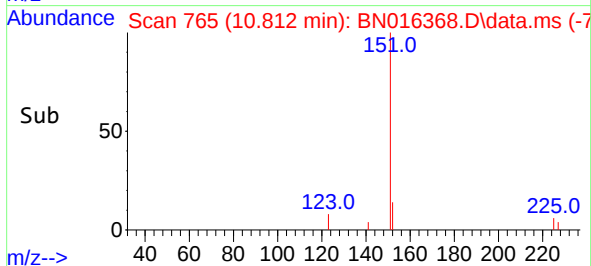
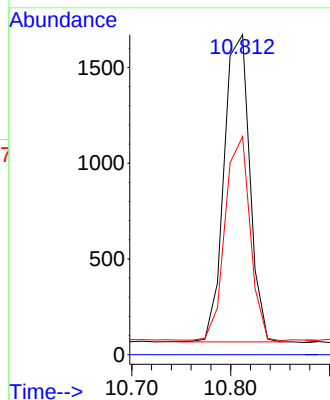
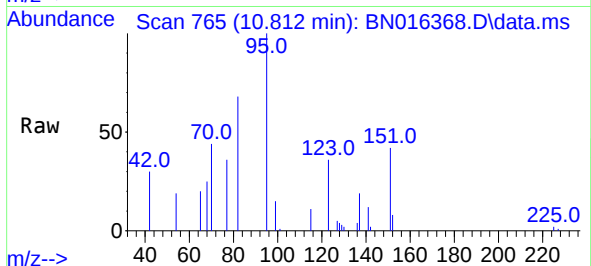
#10
Hexachlorobutadiene
Concen: 0.046 ng
RT: 10.812 min Scan# 765
Delta R.T. 0.025 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

Tgt Ion:225 Resp: 2901
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.5 51.5 77.3

Instrument :
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ClientSampleId :
NAPL-06-(8-10)-END-POINT

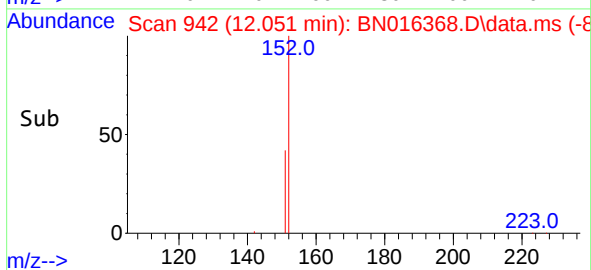
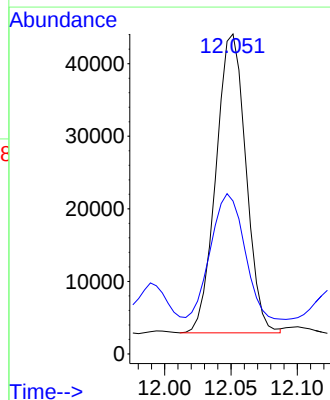
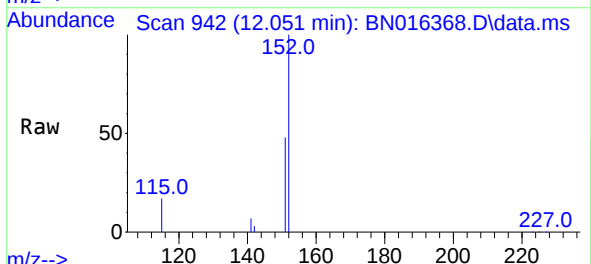
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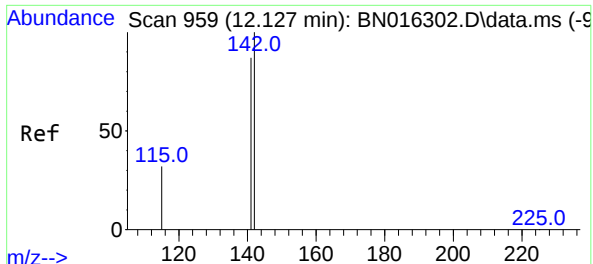
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#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.051 min Scan# 942
Delta R.T. 0.005 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

Tgt Ion:152 Resp: 64561
Ion Ratio Lower Upper
152 100
151 53.4 16.1 24.1#





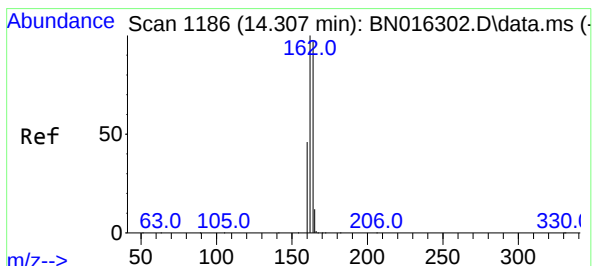
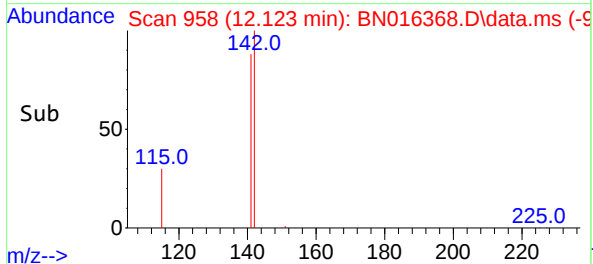
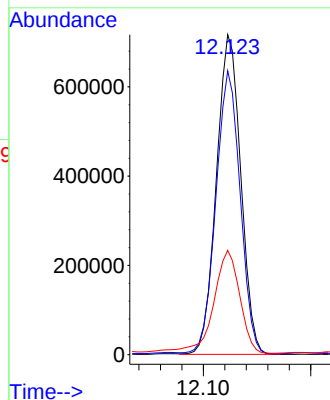
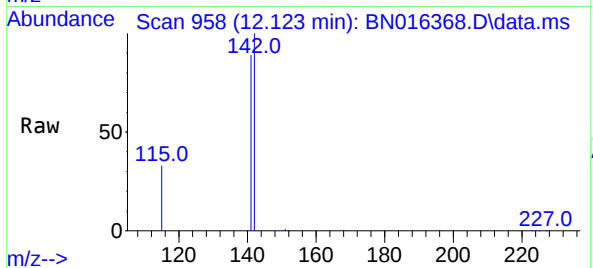
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2-Methylnaphthalene
Concen: 5.122 ng
RT: 12.123 min Scan# 958
Delta R.T. 0.005 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

Tgt Ion:142 Resp: 1127562
Ion Ratio Lower Upper
142 100
141 88.7 69.8 104.8
115 32.6 24.4 36.6

Instrument :
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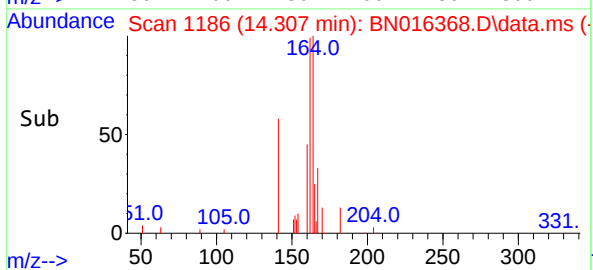
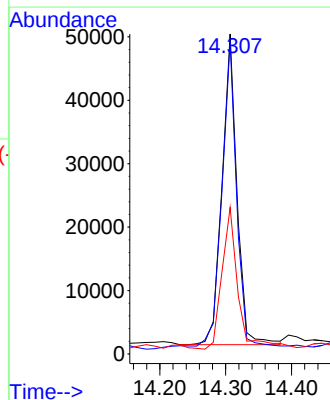
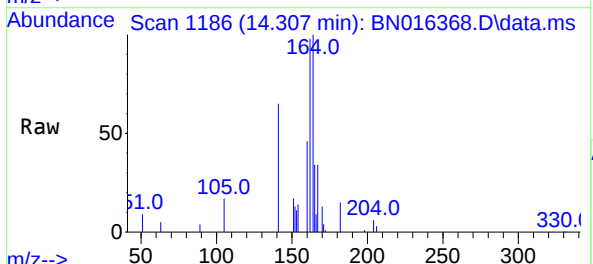
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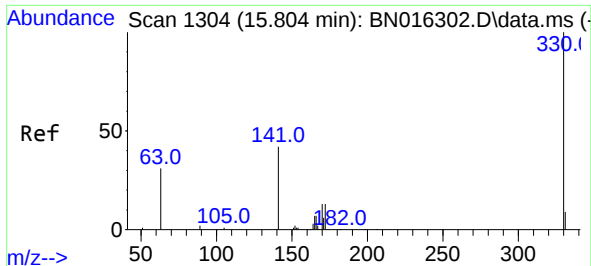
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

Tgt Ion:164 Resp: 77102
Ion Ratio Lower Upper
164 100
162 97.7 79.0 118.4
160 45.8 34.1 51.1





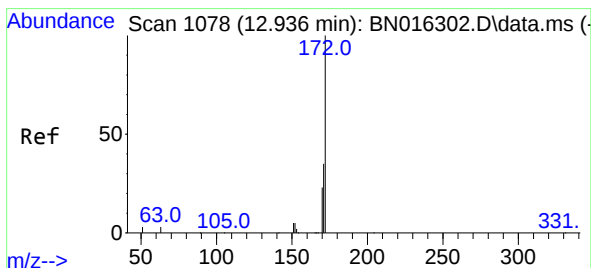
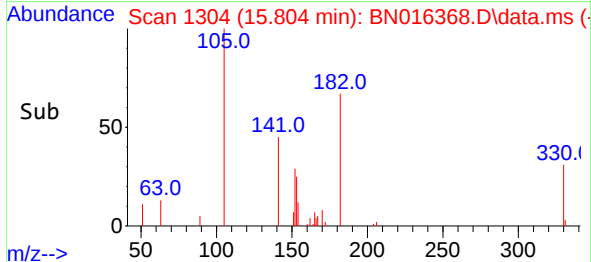
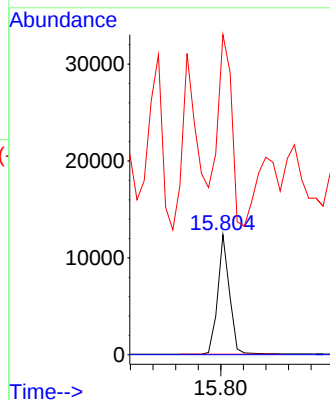
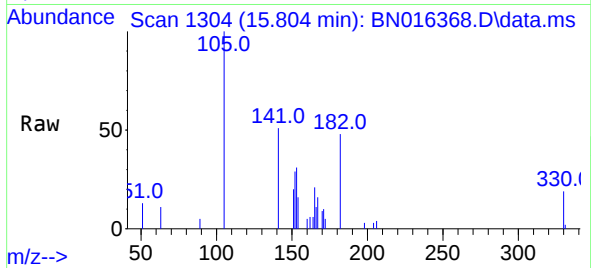
#14
2,4,6-Tribromophenol
Concen: 0.782 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

Tgt Ion: 330 Resp: 17701
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 187.2 25.0 37.4#

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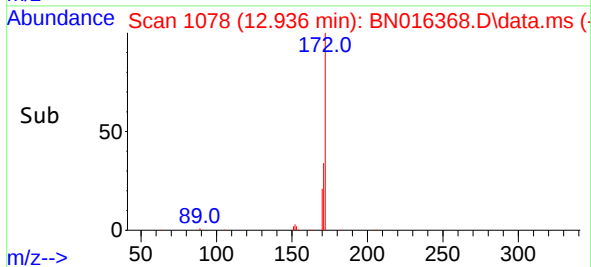
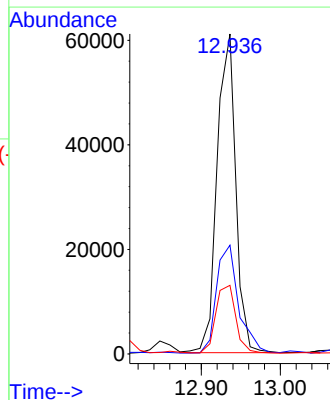
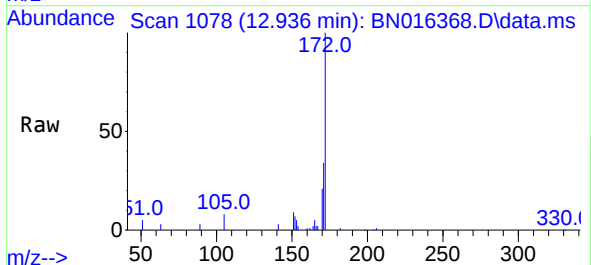
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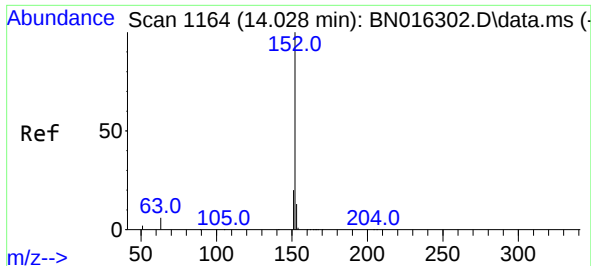
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#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.936 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

Tgt Ion: 172 Resp: 100393
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.6
170 21.5 18.2 27.2





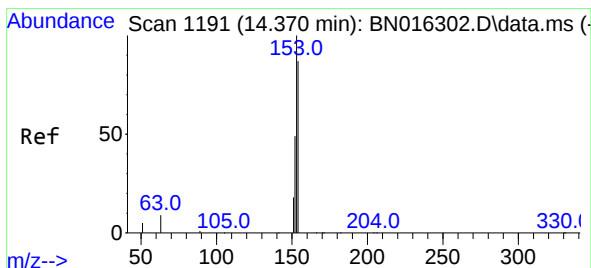
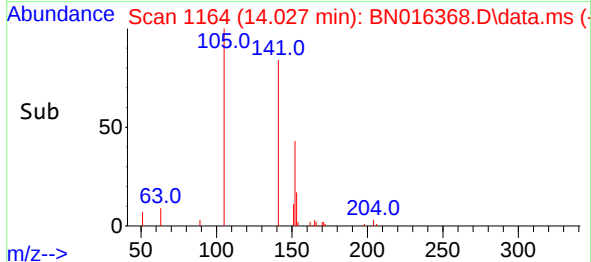
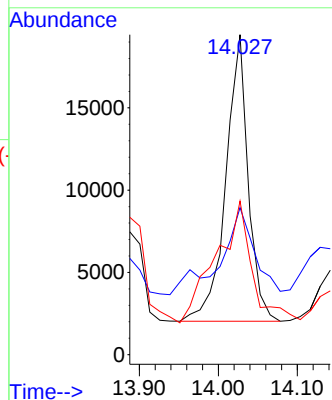
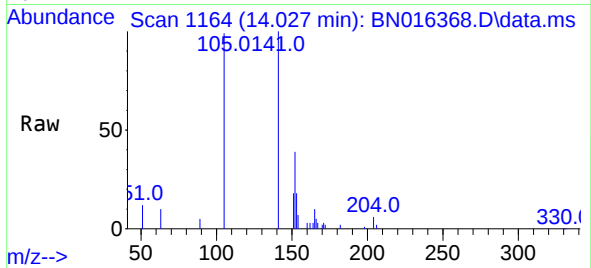
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Acenaphthylene
Concen: 0.095 ng
RT: 14.027 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

Tgt Ion:152 Resp: 34252
Ion Ratio Lower Upper
152 100
151 46.5 15.2 22.8#
153 69.1 10.5 15.7#

Instrument :
BNA_N
ClientSampleId :
NAPL-06-(8-10)-END-POINT

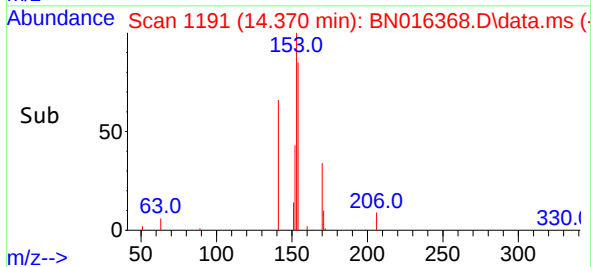
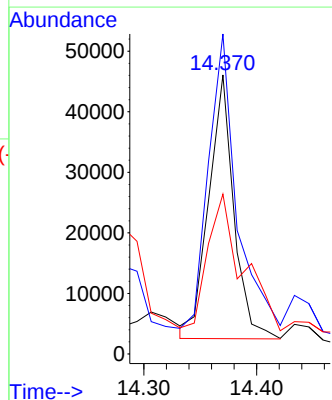
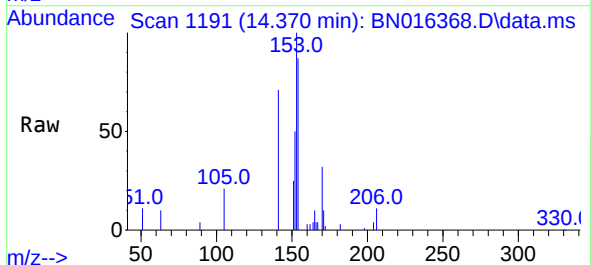
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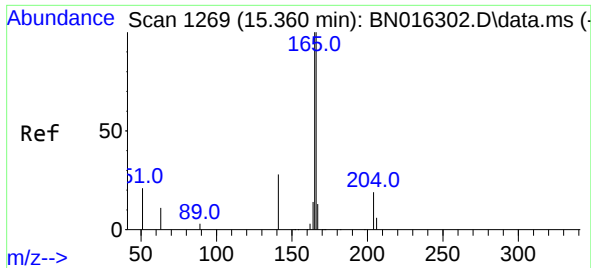
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#17
Acenaphthene
Concen: 0.301 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

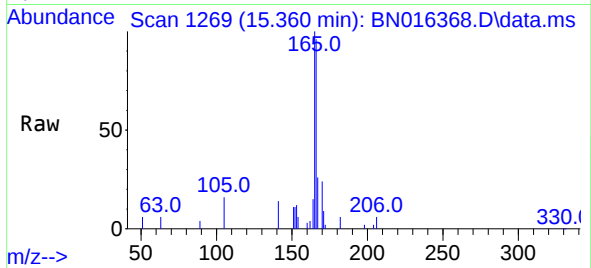
Tgt Ion:154 Resp: 67016
Ion Ratio Lower Upper
154 100
153 126.5 89.3 133.9
152 77.9 42.2 63.4#





#18
Fluorene
Concen: 0.548 ng
RT: 15.360 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

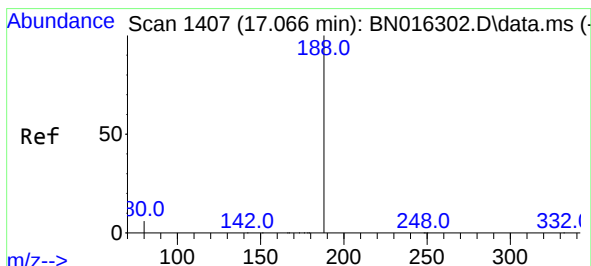
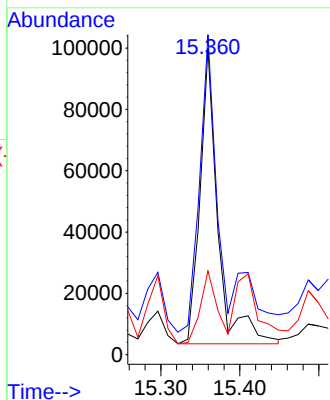
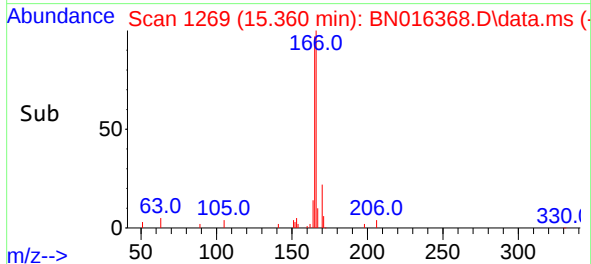
Instrument :
BNA_N
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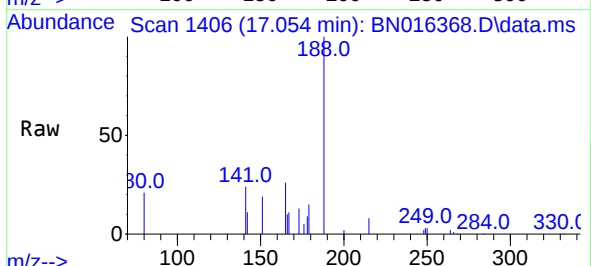
Tgt Ion:166 Resp: 151253
Ion Ratio Lower Upper
166 100
165 121.2 76.7 115.1#
167 23.3 10.9 16.3#

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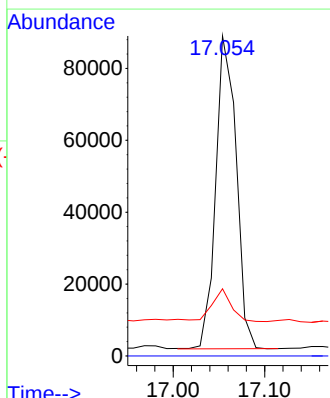
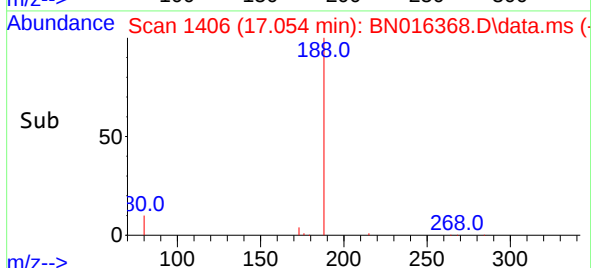
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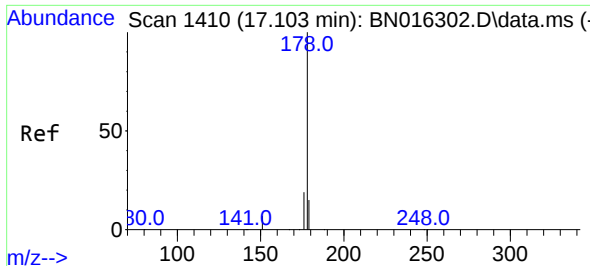


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

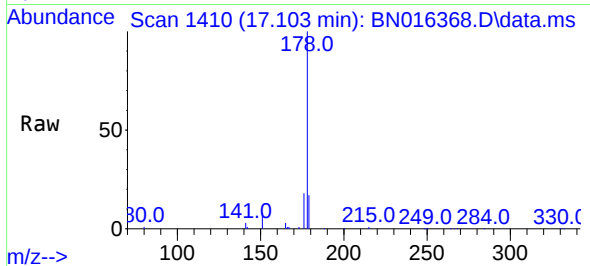


Tgt Ion:188 Resp: 135105
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 21.0 7.0 10.6#

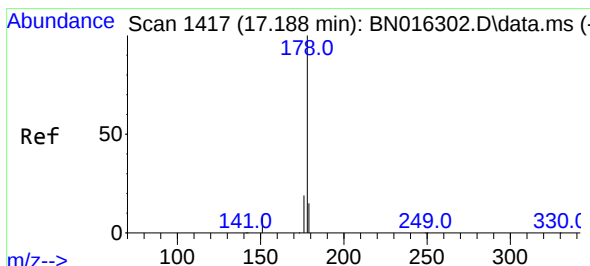
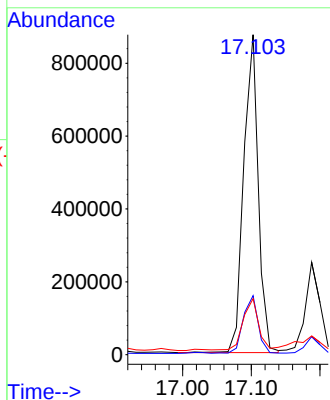
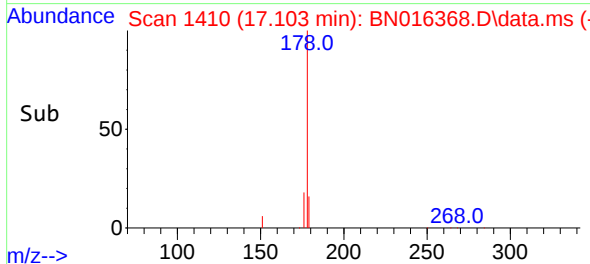




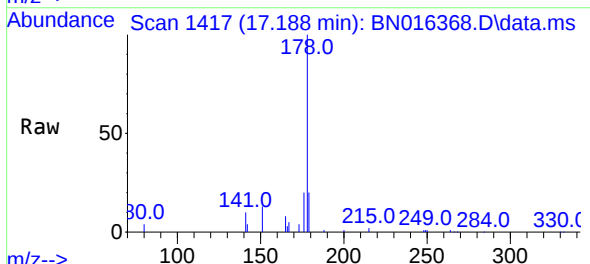
#25
Phenanthrene
Concen: 3.379 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44



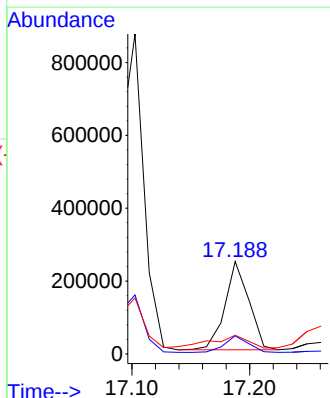
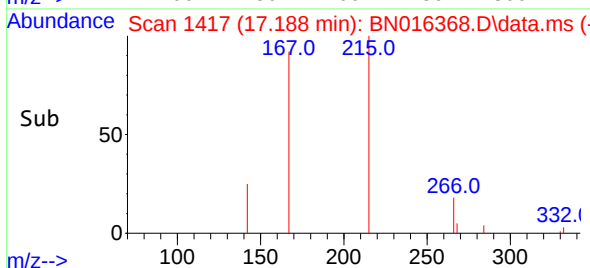
Tgt Ion:178 Resp: 1289871
Ion Ratio Lower Upper
178 100
176 18.4 14.4 21.6
179 17.1 12.2 18.4



#26
Anthracene
Concen: 0.924 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44



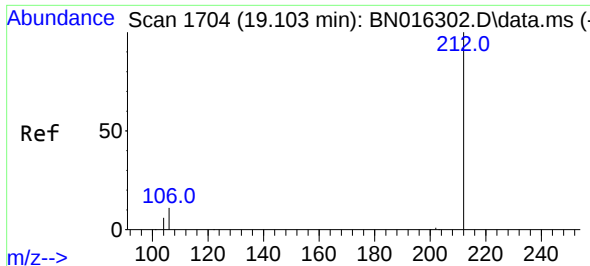
Tgt Ion:178 Resp: 341639
Ion Ratio Lower Upper
178 100
176 18.4 13.9 20.9
179 21.2 12.2 18.4#



Instrument :
BNA_N
ClientSampleId :
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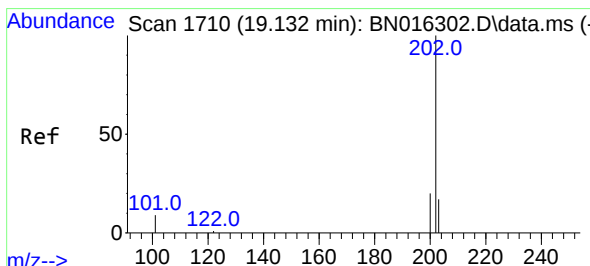
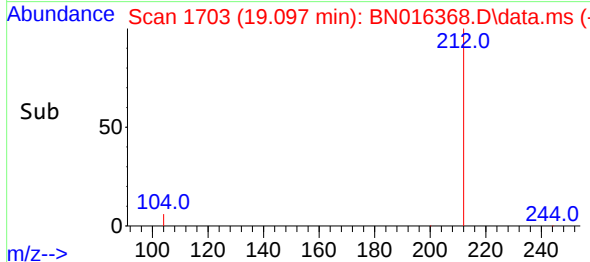
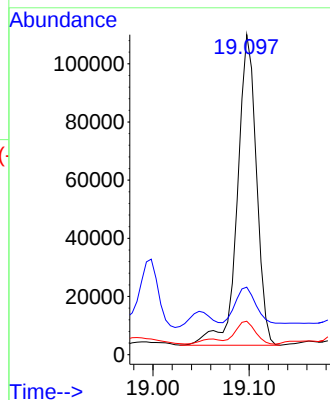
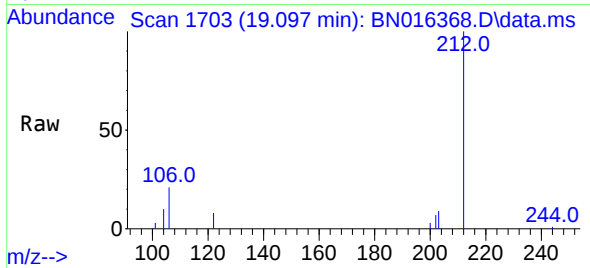
#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.097 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

Tgt Ion:212 Resp: 146654
Ion Ratio Lower Upper
212 100
106 13.3 9.8 14.6
104 7.6 5.4 8.2

Instrument :
BNA_N
ClientSampleId :
NAPL-06-(8-10)-END-POINT

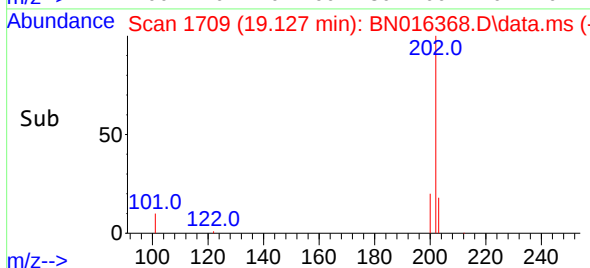
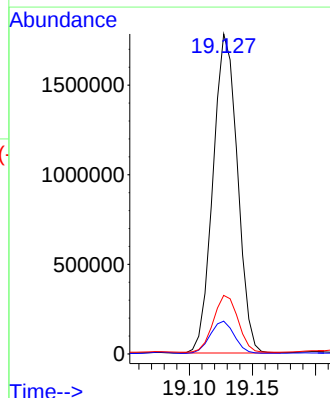
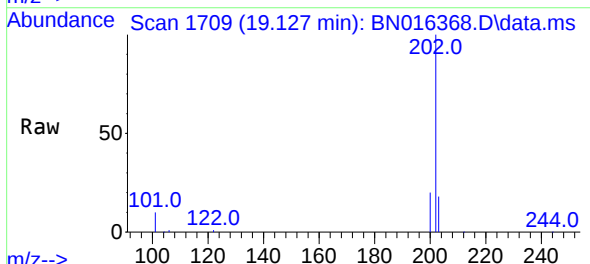
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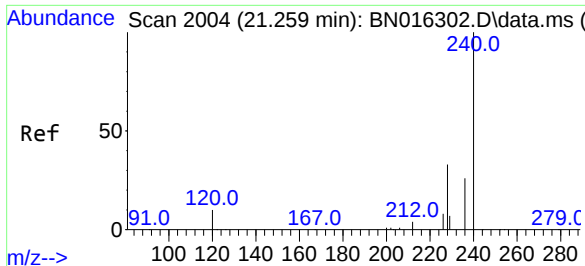
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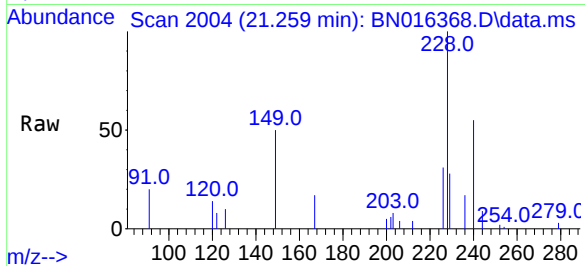
#28
Fluoranthene
Concen: 5.452 ng
RT: 19.127 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

Tgt Ion:202 Resp: 2397649
Ion Ratio Lower Upper
202 100
101 9.9 8.5 12.7
203 17.8 13.8 20.8

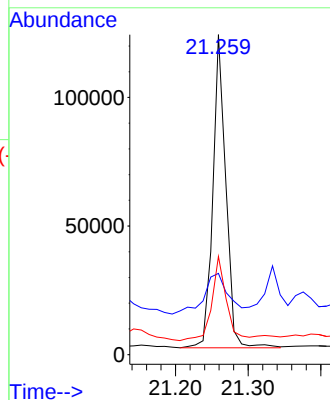
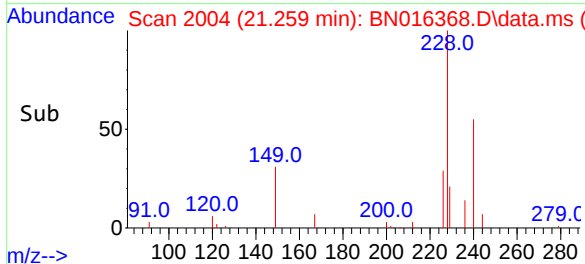




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44



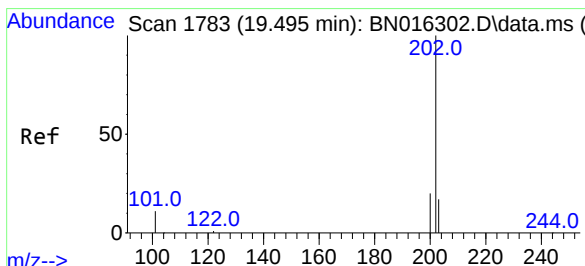
Tgt Ion:240 Resp: 151941
Ion Ratio Lower Upper
240 100
120 25.4 5.3 7.9#
236 30.7 19.8 29.8#



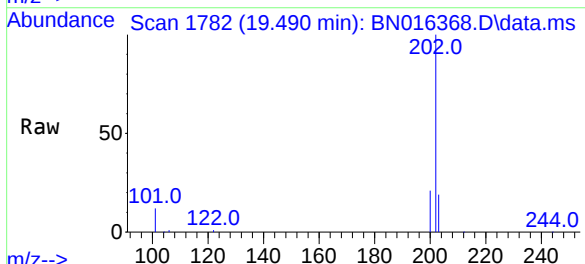
Instrument :
BNA_N
ClientSampleId :
NAPL-06-(8-10)-END-POINT

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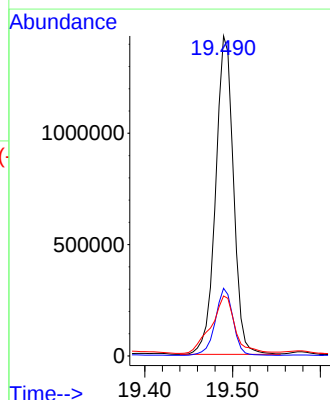
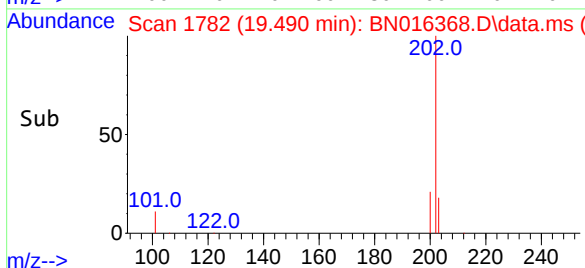
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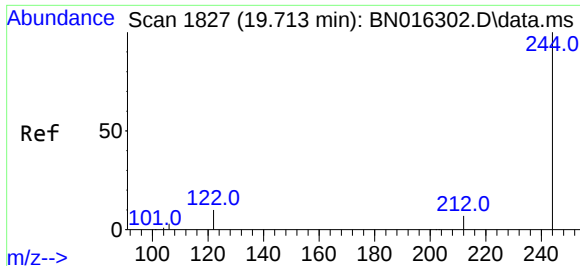


#30
Pyrene
Concen: 4.201 ng
RT: 19.490 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44



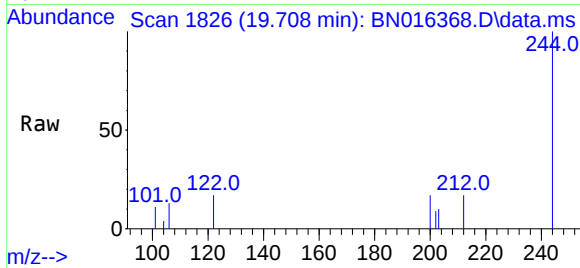
Tgt Ion:202 Resp: 2018742
Ion Ratio Lower Upper
202 100
200 20.8 15.8 23.6
203 23.9 13.9 20.9#





#31
Terphenyl-d14
Concen: 0.569 ng
RT: 19.708 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

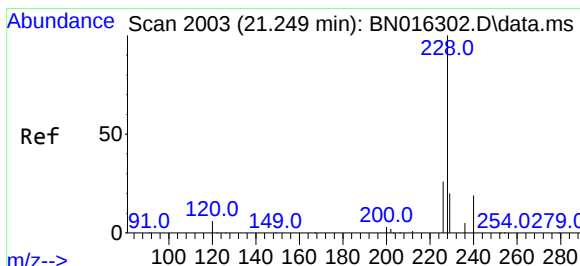
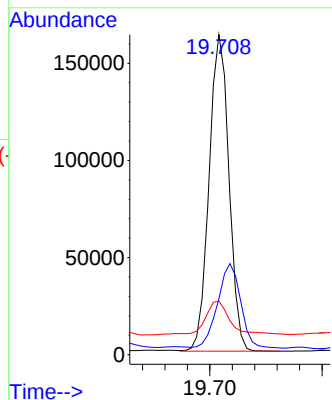
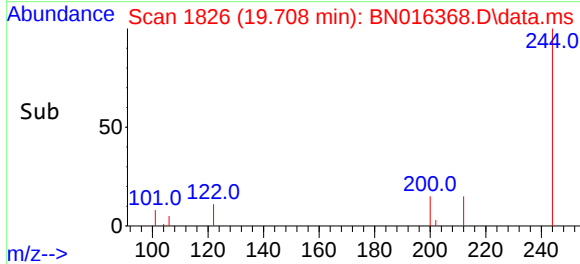
Instrument :
BNA_N
ClientSampleId :
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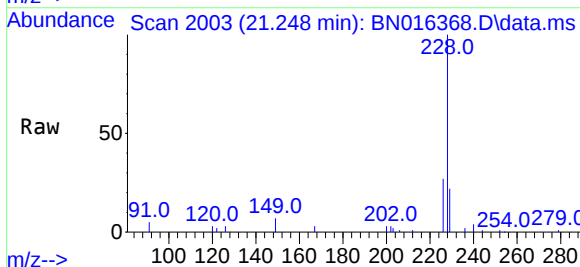
Tgt Ion:244 Resp: 200138
Ion Ratio Lower Upper
244 100
212 17.5 5.5 8.3#
122 16.8 9.0 13.4#

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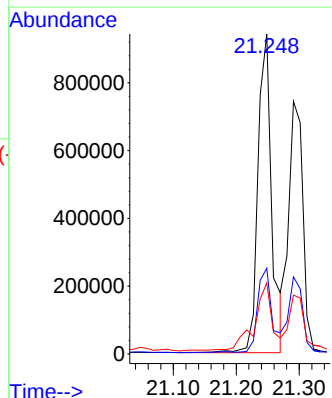
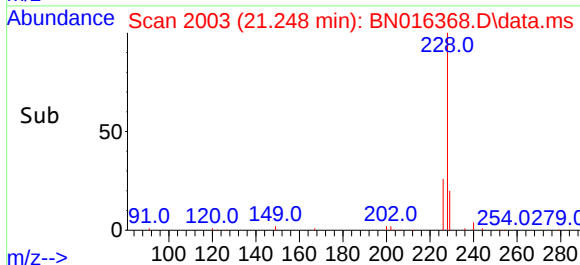
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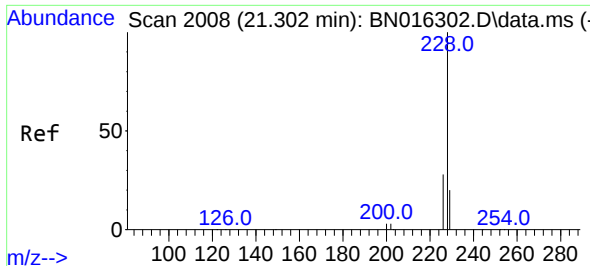


#32
Benzo(a)anthracene
Concen: 2.941 ng
RT: 21.248 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44



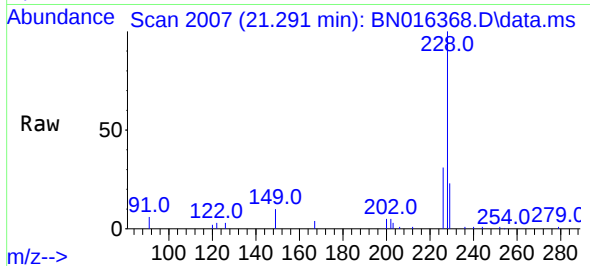
Tgt Ion:228 Resp: 1435849
Ion Ratio Lower Upper
228 100
226 26.8 20.8 31.2
229 22.2 15.8 23.6





#33
Chrysene
Concen: 2.450 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

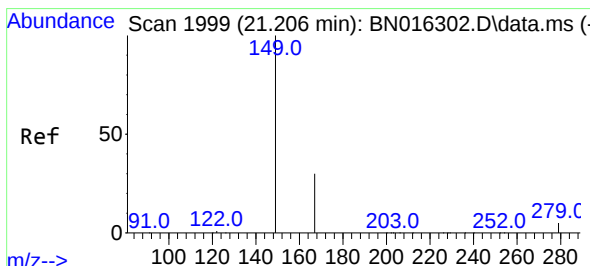
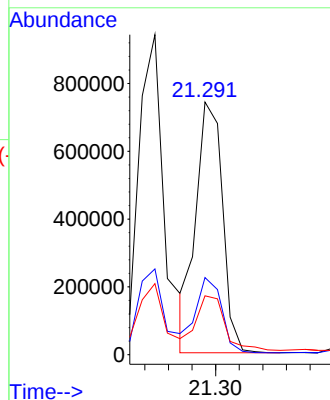
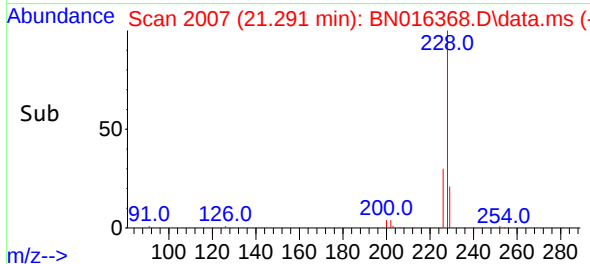
Instrument :
BNA_N
ClientSampleId :
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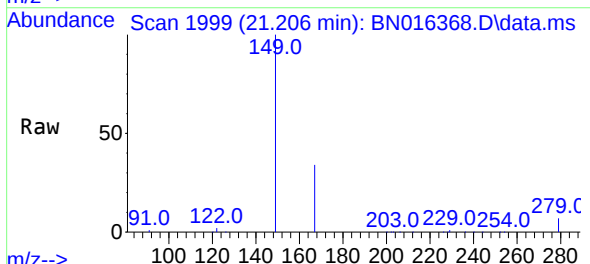
Tgt Ion:228 Resp: 1156880
Ion Ratio Lower Upper
228 100
226 30.6 23.0 34.4
229 23.3 15.6 23.4

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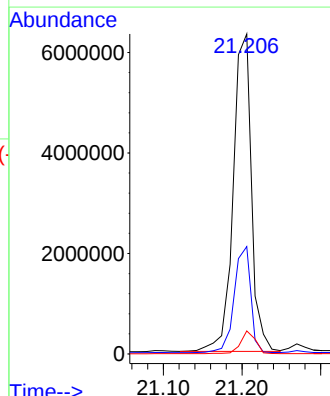
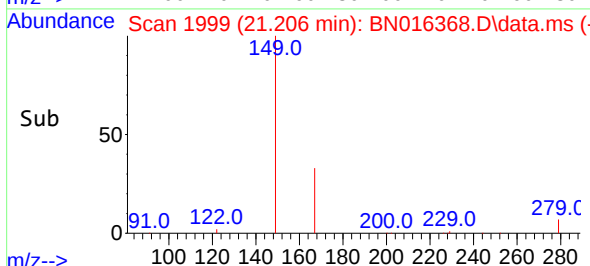
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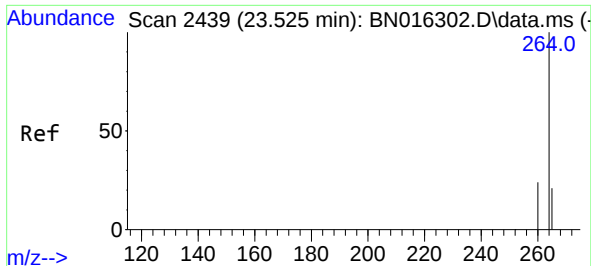


#34
Bis(2-ethylhexyl)phthalate
Concen: 38.860 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.011 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44



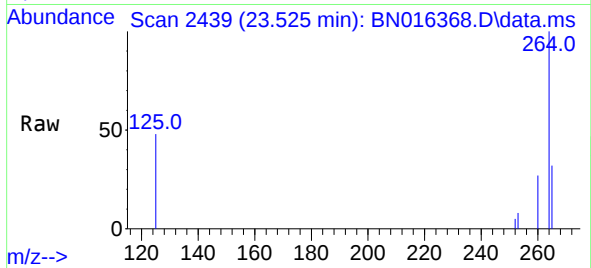
Tgt Ion:149 Resp:10230575
Ion Ratio Lower Upper
149 100
167 30.2 23.4 35.0
279 5.9 3.9 5.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

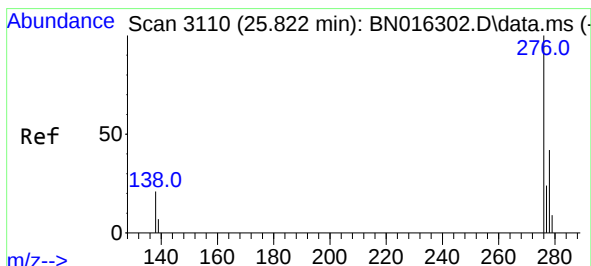
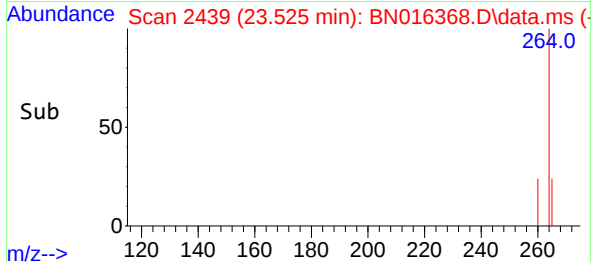
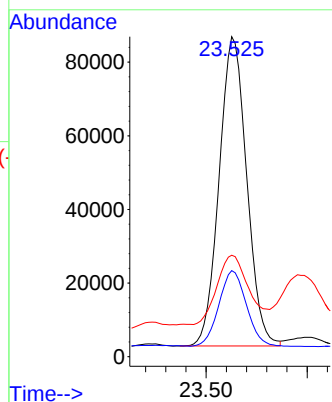
Instrument :
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ClientSampleId :
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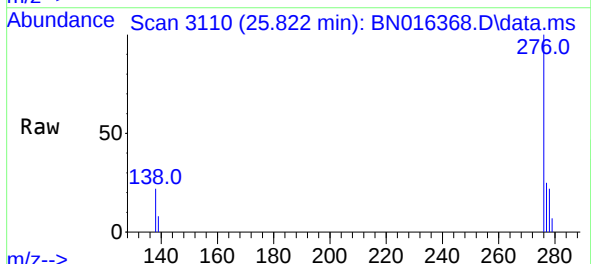
Tgt Ion:264 Resp: 159208
Ion Ratio Lower Upper
264 100
260 26.9 18.9 28.3
265 31.7 23.7 35.5

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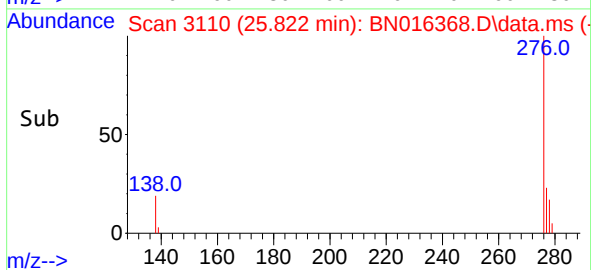
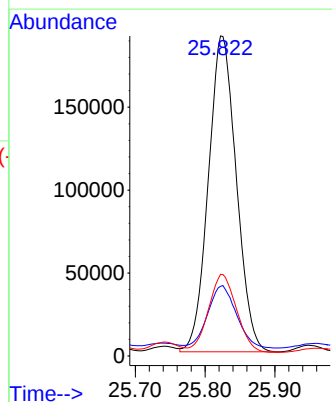
mohammad
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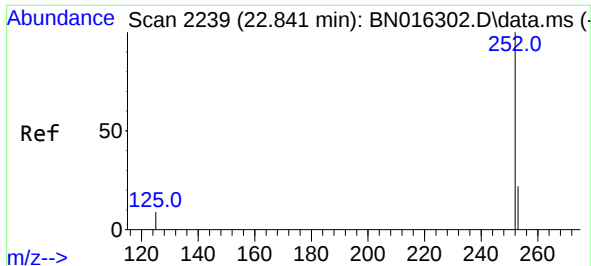


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.033 ng
RT: 25.822 min Scan# 3110
Delta R.T. 0.004 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

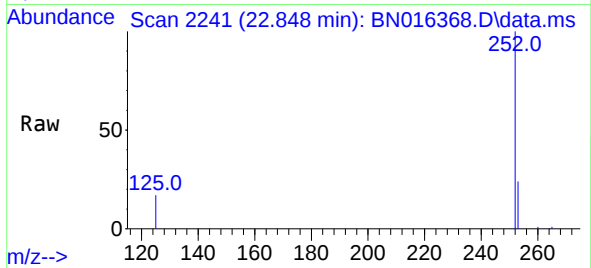


Tgt Ion:276 Resp: 530993
Ion Ratio Lower Upper
276 100
138 20.3 19.3 28.9
277 24.9 20.2 30.2

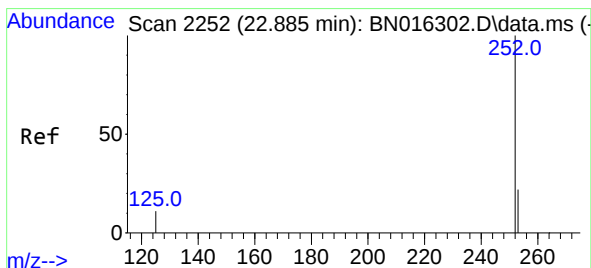
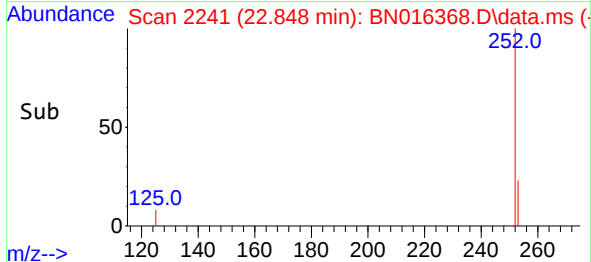
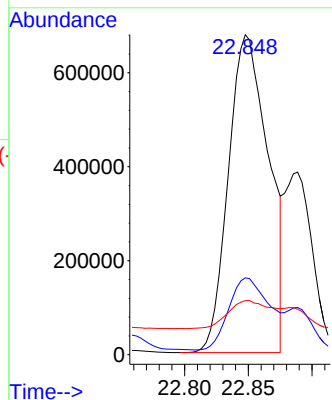




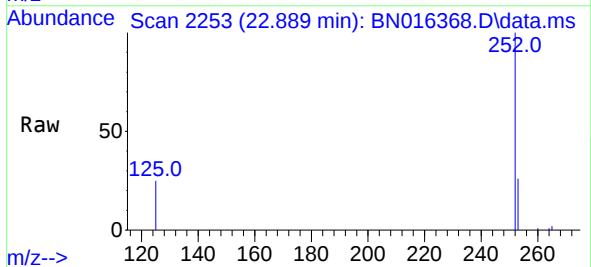
#37
Benzo(b)fluoranthene
Concen: 2.922 ng
RT: 22.848 min Scan# 2241
Delta R.T. 0.007 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44



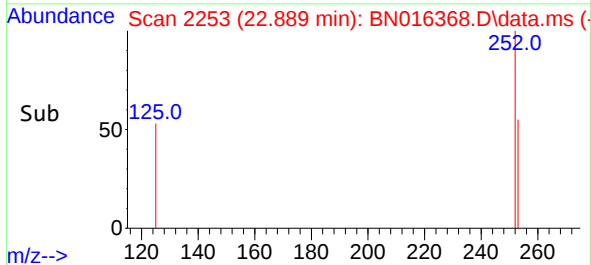
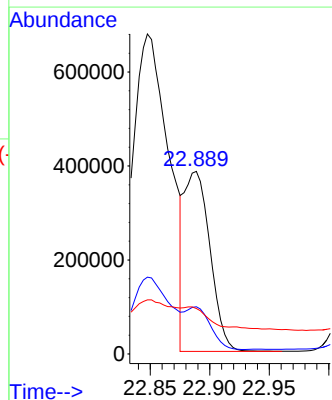
Tgt Ion:252 Resp: 1477571
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.2
125 16.9 8.4 12.6#



#38
Benzo(k)fluoranthene
Concen: 1.185 ng m
RT: 22.889 min Scan# 2253
Delta R.T. 0.004 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44



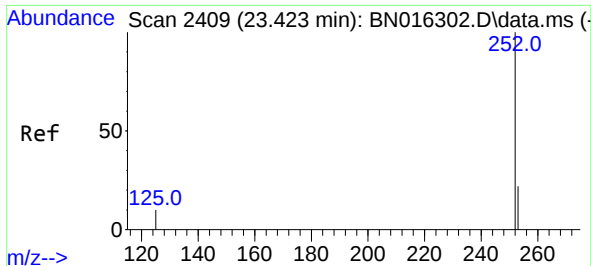
Tgt Ion:252 Resp: 576661
Ion Ratio Lower Upper
252 100
253 25.8 18.2 27.2
125 24.9 8.2 12.4#



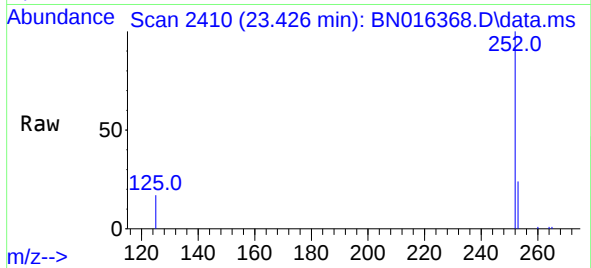
Instrument :
BNA_N
ClientSampleId :
NAPL-06-(8-10)-END-POINT

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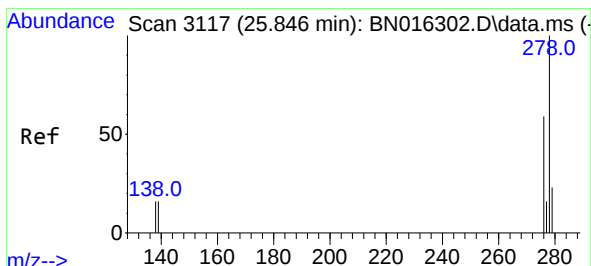
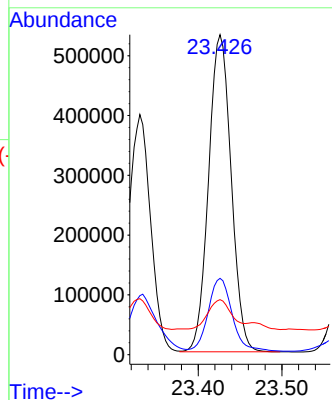
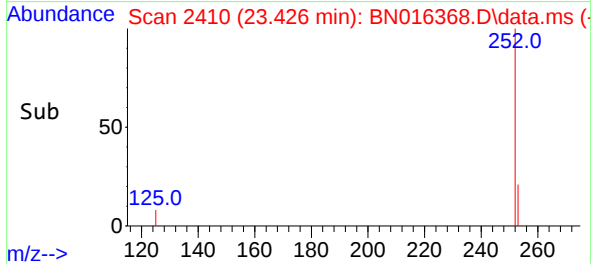
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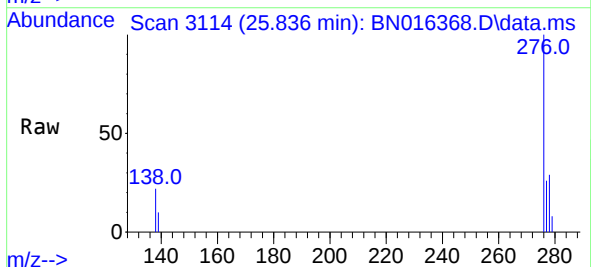
#39
Benzo(a)pyrene
Concen: 2.173 ng
RT: 23.426 min Scan# 2410
Delta R.T. 0.004 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44



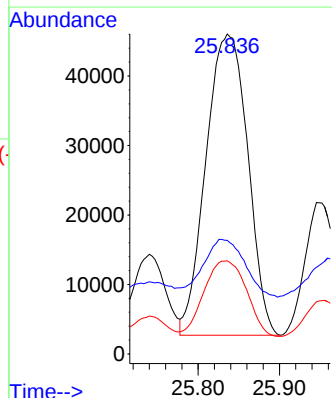
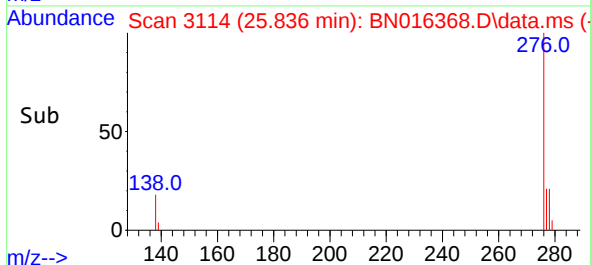
Tgt Ion:252 Resp: 993641
Ion Ratio Lower Upper
252 100
253 23.8 18.7 28.1
125 17.2 9.9 14.9#



#40
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 25.836 min Scan# 3114
Delta R.T. -0.007 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44



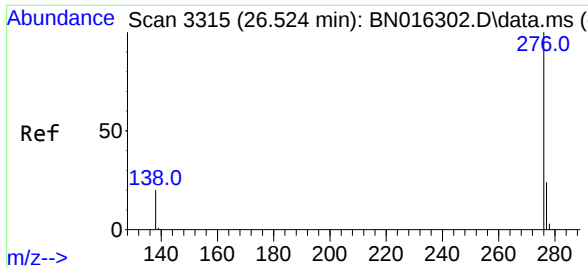
Tgt Ion:278 Resp: 154942
Ion Ratio Lower Upper
278 100
139 35.5 14.2 21.2#
279 29.1 21.3 31.9



Instrument :
BNA_N
ClientSampleId :
NAPL-06-(8-10)-END-POINT

Manual Integrations
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#41
Benzo(g,h,i)perylene
Concen: 1.046 ng
RT: 26.527 min Scan# 3316
Delta R.T. 0.007 min
Lab File: BN016368.D
Acq: 21 Sep 2021 06:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.5	30.7
138	22.0	18.2	27.4

Instrument :
BNA_N
ClientSampleId :
NAPL-06-(8-10)-END-POINT

Manual Integrations
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9/21/2021 11:31:02 AM

