

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
 Data File : BN016370.D
 Acq On : 21 Sep 2021 07:55
 Operator : CG/JU
 Sample : M3733-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 NAPL-02-(8-10)-END-POINT

Manual Integrations
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Quant Time: Sep 21 08:57:00 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	7.679	152	20655	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	91034	0.400	ng	#-0.01
13) Acenaphthene-d10	14.307	164	61656	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	120422	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	138043	0.400	ng	# 0.00
35) Perylene-d12	23.526	264	132296	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	16238	0.313	ng	0.00
5) Phenol-d6	6.868	99	22119	0.352	ng	0.00
8) Nitrobenzene-d5	8.822	82	52353	0.968	ng	0.00
11) 2-Methylnaphthalene-d10	12.043	152	42468	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6601	0.365	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	54556	0.226	ng	-0.01
27) Fluoranthene-d10	19.098	212	93019	0.267	ng	0.00
31) Terphenyl-d14	19.708	244	76795	0.240	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.495	128	186577	0.761	ng	# 90
10) Hexachlorobutadiene	10.787	225	1334	0.029	ng	# 99
12) 2-Methylnaphthalene	12.114	142	54101	0.333	ng	97
18) Fluorene	15.360	166	12271	0.056	ng	# 89
22) Hexachlorobenzene	16.360	284	2531	0.038	ng	# 1
25) Phenanthrene	17.091	178	100284	0.295	ng	# 84
26) Anthracene	17.188	178	7444	0.023	ng	# 53
28) Fluoranthene	19.127	202	68986	0.176	ng	97
30) Pyrene	19.490	202	74201	0.170	ng	# 93
32) Benzo(a)anthracene	21.249	228	49213	0.111	ng	# 59
33) Chrysene	21.291	228	65884	0.154	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.196	149	6114102	25.562	ng	97
36) Indeno(1,2,3-cd)pyrene	25.822	276	25381	0.059	ng	# 82
37) Benzo(b)fluoranthene	22.844	252	75486	0.180	ng	# 1
38) Benzo(k)fluoranthene	22.885	252	34435m	0.085	ng	
39) Benzo(a)pyrene	23.426	252	54522	0.143	ng	# 1
40) Dibenzo(a,h)anthracene	25.833	278	8694	0.024	ng	# 1
41) Benzo(g,h,i)perylene	26.524	276	31432	0.087	ng	# 64

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

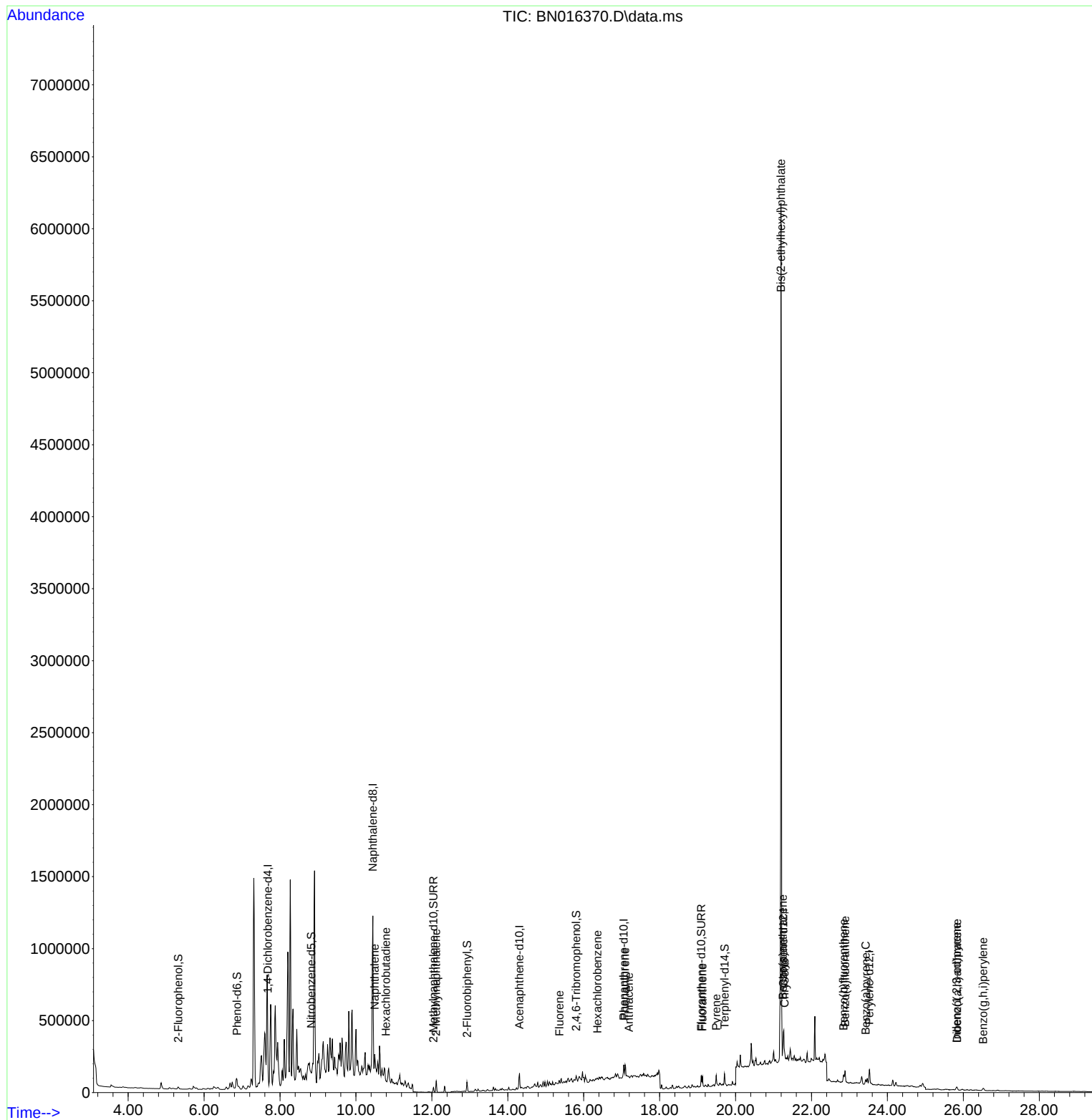
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016370.D
Acq On : 21 Sep 2021 07:55
Operator : CG/JU
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ALS Vial : 33 Sample Multiplier: 1

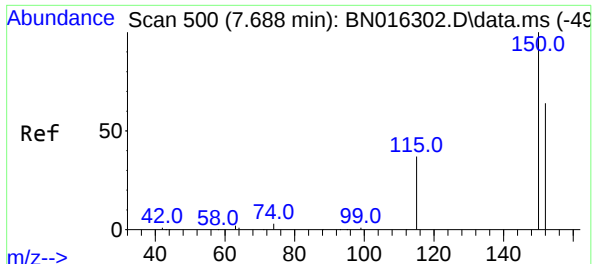
Instrument :
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ClientSampleId :
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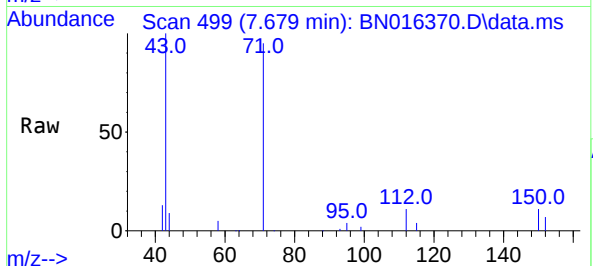
Quant Time: Sep 21 08:57:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 20 11:09:23 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 499
Delta R.T. -0.009 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

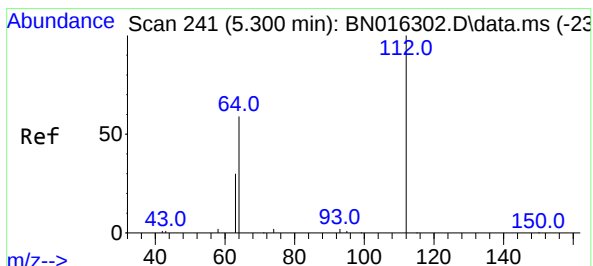
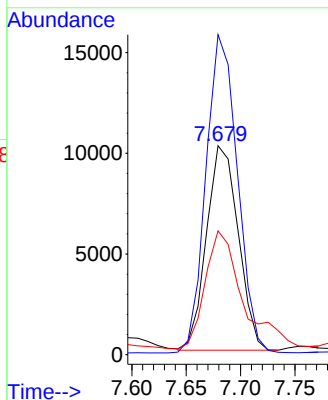
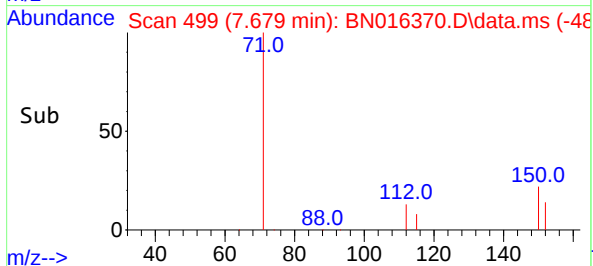
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BNA_N
ClientSampleId :
NAPL-02-(8-10)-END-POINT



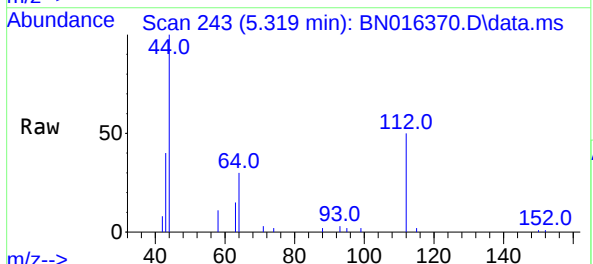
Tgt Ion:152 Resp: 20655
Ion Ratio Lower Upper
152 100
150 153.1 125.6 188.4
115 59.3 50.2 75.2

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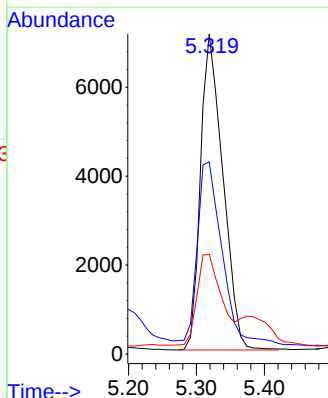
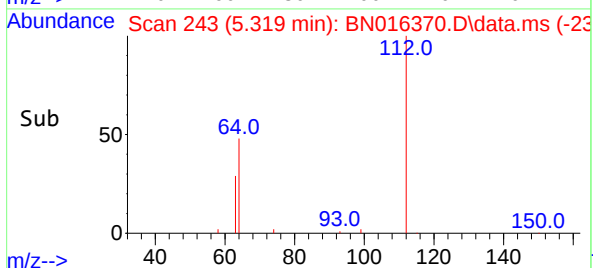
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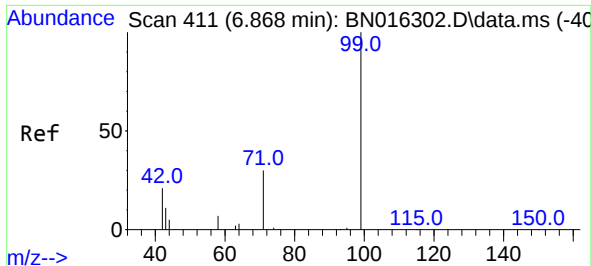


#4
2-Fluorophenol
Concen: 0.313 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.010 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



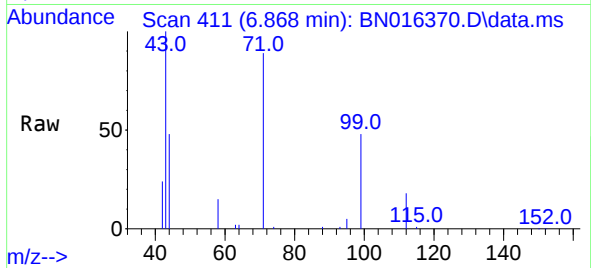
Tgt Ion:112 Resp: 16238
Ion Ratio Lower Upper
112 100
64 62.3 47.3 70.9
63 31.4 23.4 35.0





#5
Phenol-d6
Concen: 0.352 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

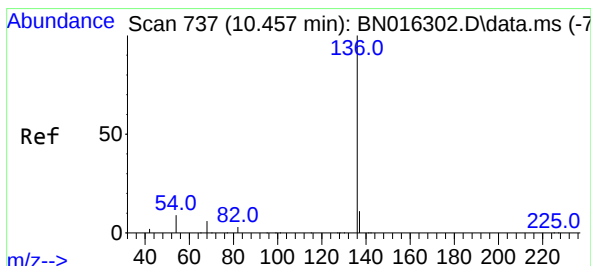
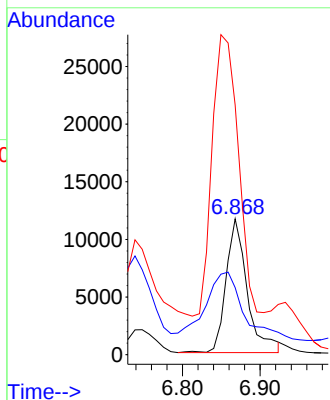
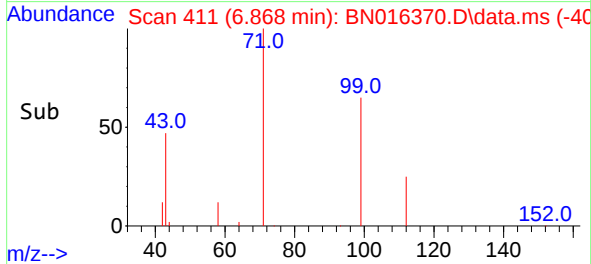
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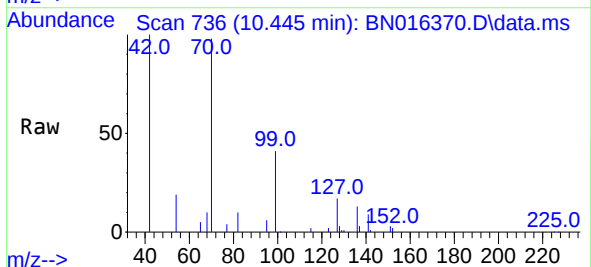
Tgt Ion: 99 Resp: 22119
Ion Ratio Lower Upper
99 100
42 70.5 14.0 21.0#
71 256.7 23.8 35.6#

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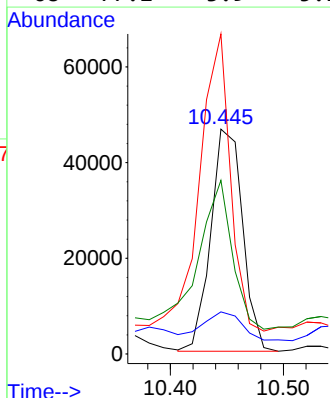
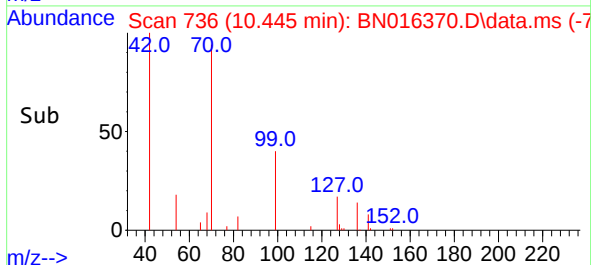
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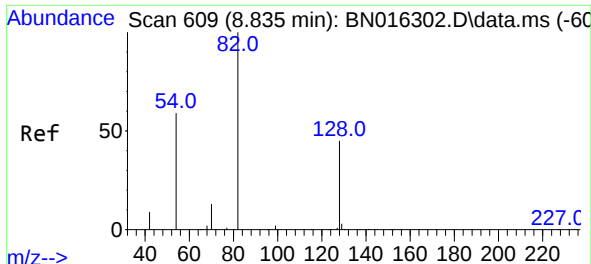


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



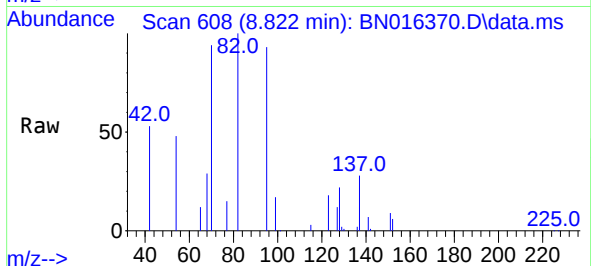
Tgt Ion: 136 Resp: 91034
Ion Ratio Lower Upper
136 100
137 18.7 8.8 13.2#
54 142.3 5.3 7.9#
68 77.2 3.9 5.9#





#8
Nitrobenzene-d5
Concen: 0.968 ng
RT: 8.822 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

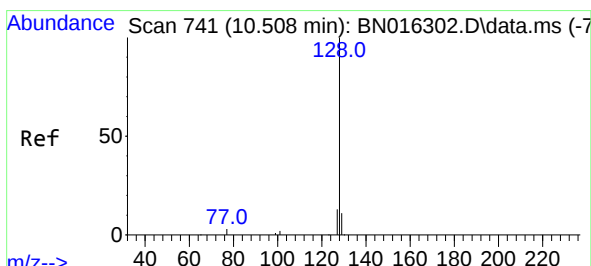
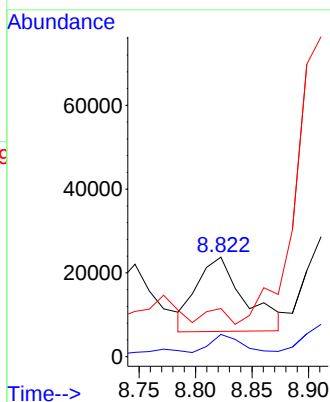
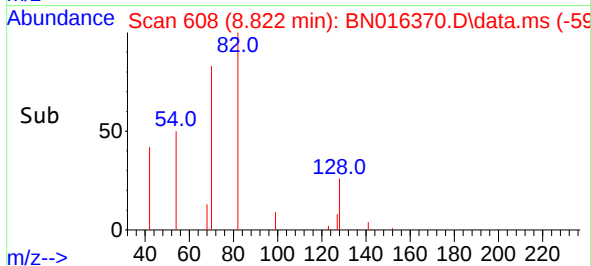
Instrument :
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ClientSampleId :
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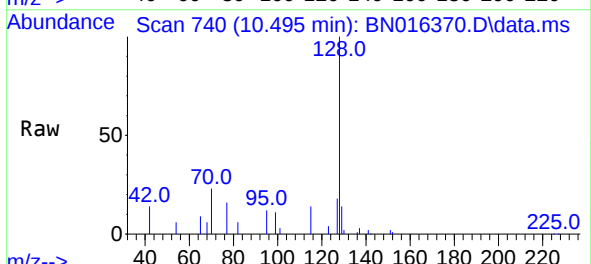
Tgt Ion: 82 Resp: 52353
Ion Ratio Lower Upper
82 100
128 22.4 31.7 47.5#
54 48.4 46.4 69.6

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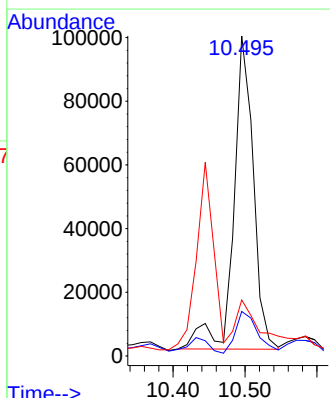
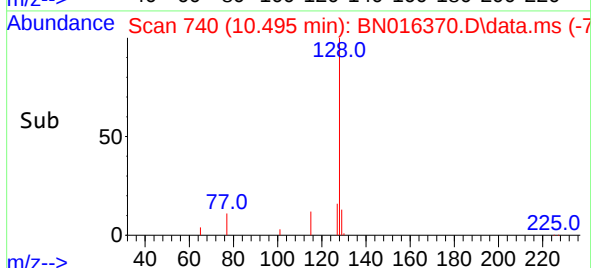
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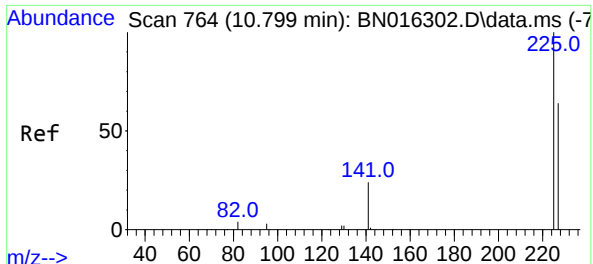


#9
Naphthalene
Concen: 0.761 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

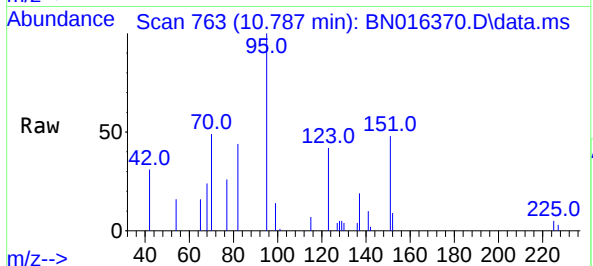


Tgt Ion: 128 Resp: 186577
Ion Ratio Lower Upper
128 100
129 13.9 8.9 13.3#
127 17.5 10.1 15.1#

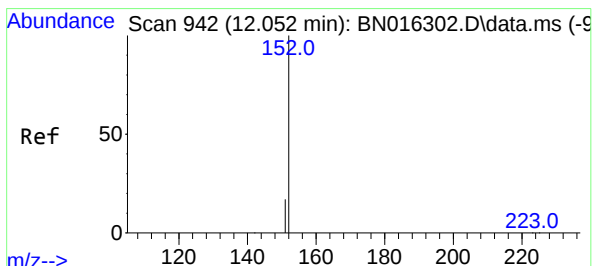
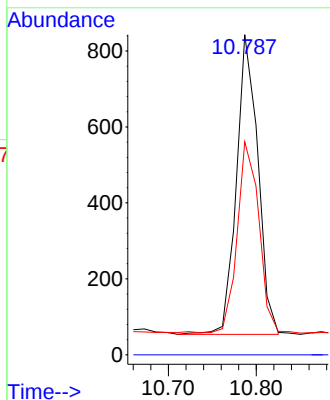
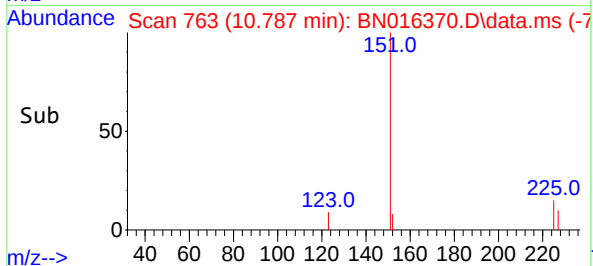




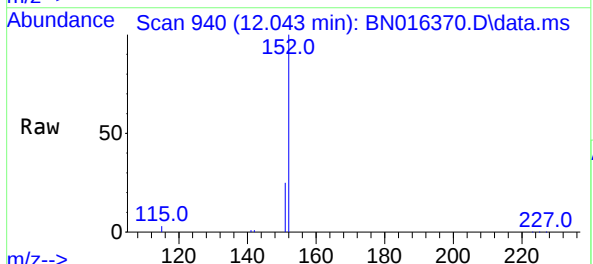
#10
Hexachlorobutadiene
Concen: 0.029 ng
RT: 10.787 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



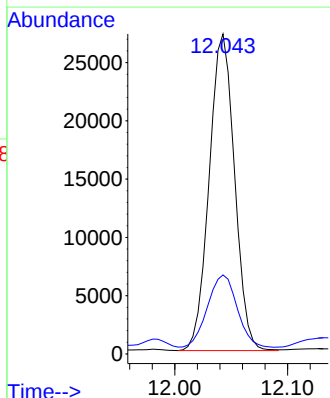
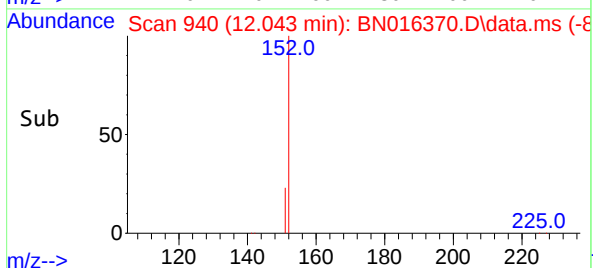
Tgt Ion:225 Resp: 1334
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.6 51.5 77.3



#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.043 min Scan# 940
Delta R.T. -0.004 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



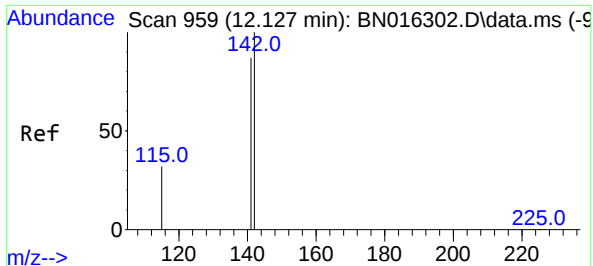
Tgt Ion:152 Resp: 42468
Ion Ratio Lower Upper
152 100
151 27.3 16.1 24.1#



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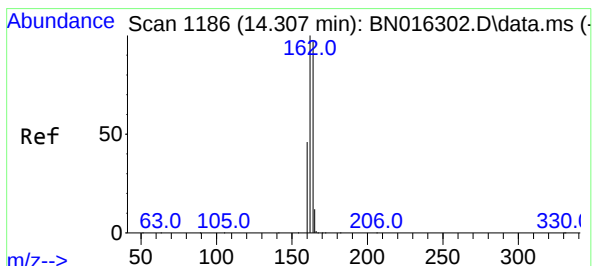
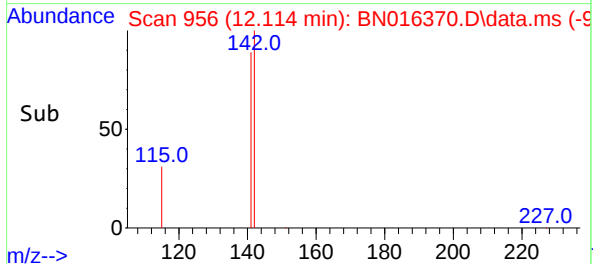
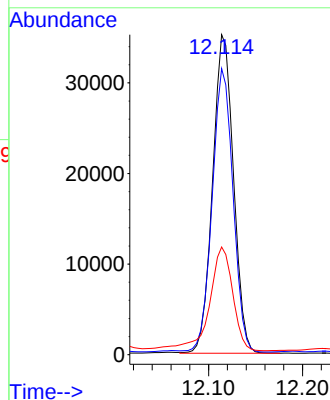
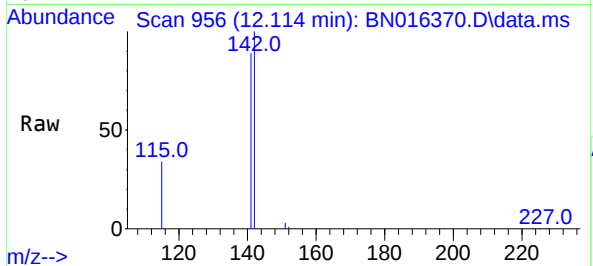
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2-Methylnaphthalene
Concen: 0.333 ng
RT: 12.114 min Scan# 956
Delta R.T. -0.004 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:	142	Resp:	54101
Ion Ratio	Lower	Upper	
142	100		
141	89.4	69.8	104.8
115	33.6	24.4	36.6

Instrument :
BNA_N
ClientSampleId :
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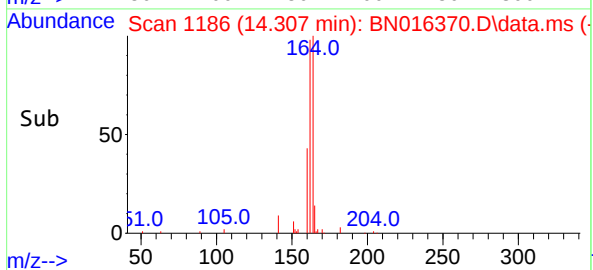
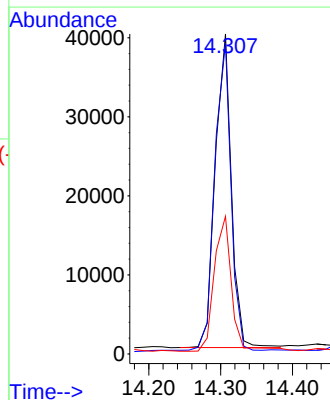
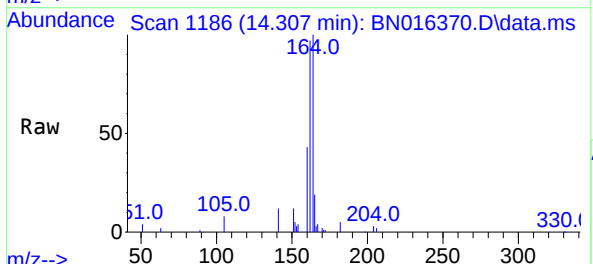
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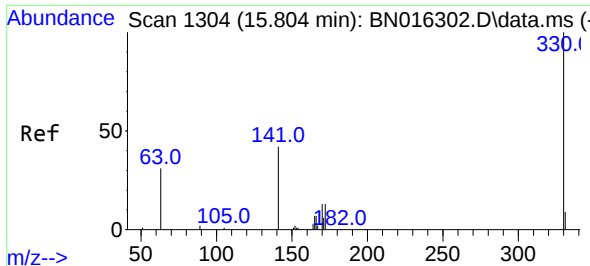
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:	164	Resp:	61656
Ion Ratio	Lower	Upper	
164	100		
162	97.1	79.0	118.4
160	43.0	34.1	51.1





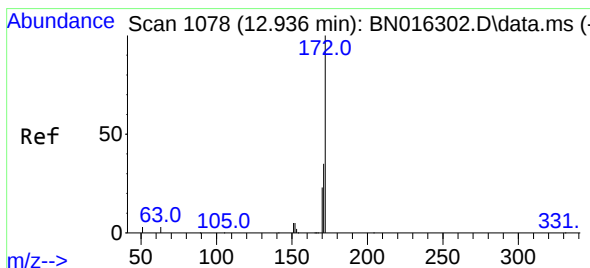
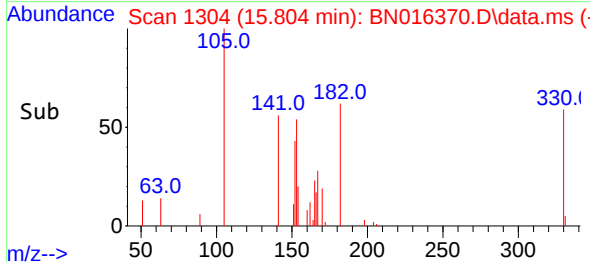
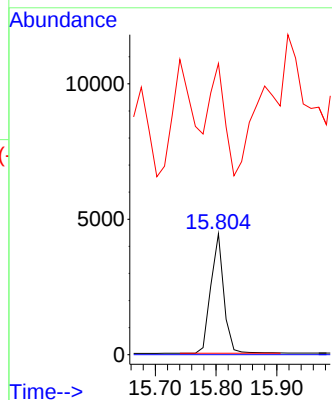
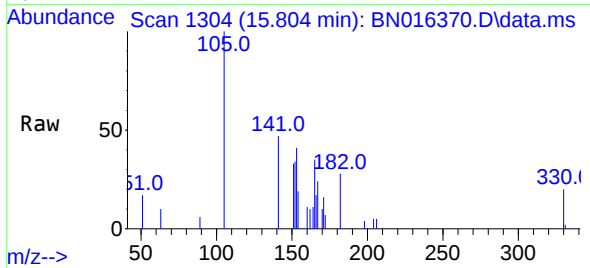
#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion: 330 Resp: 6601
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 103.9 25.0 37.4#

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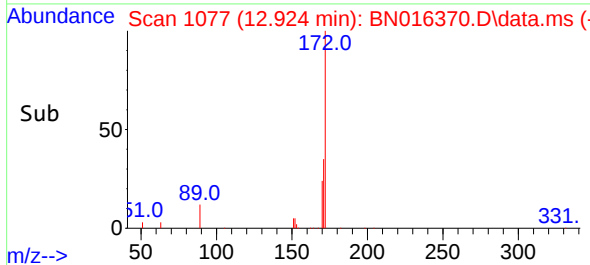
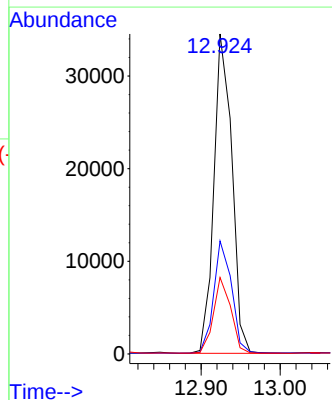
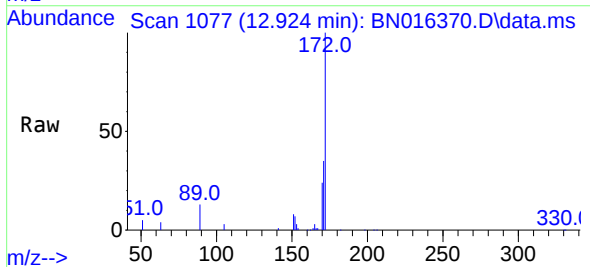
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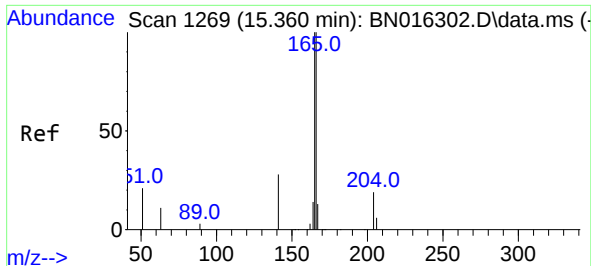
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#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.012 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

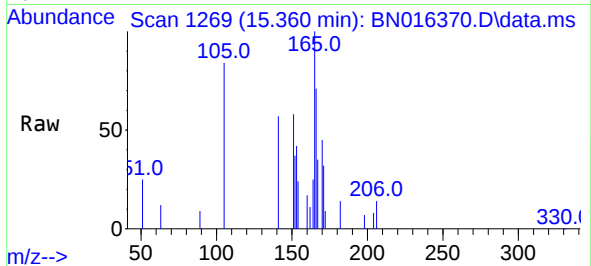
Tgt Ion: 172 Resp: 54556
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 23.9 18.2 27.2





#18
Fluorene
Concen: 0.056 ng
RT: 15.360 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

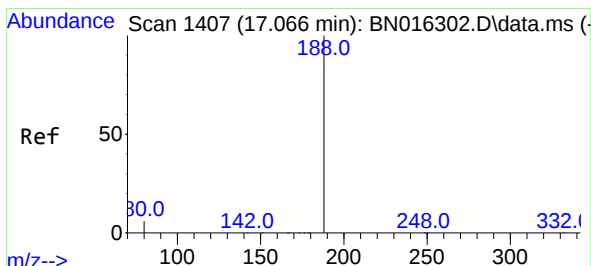
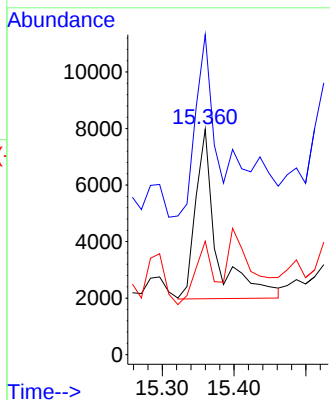
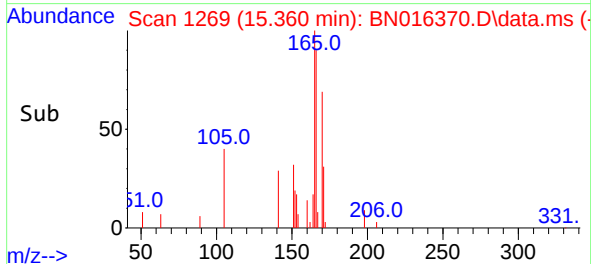
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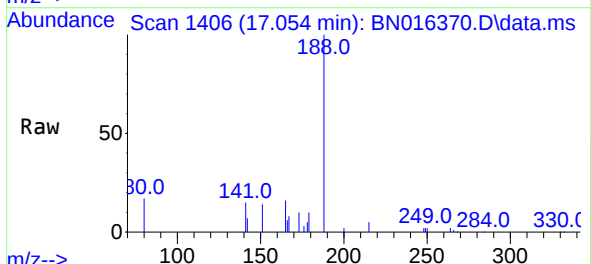
Tgt Ion:166 Resp: 12271
Ion Ratio Lower Upper
166 100
165 90.7 76.7 115.1
167 33.8 10.9 16.3#

Manual Integrations
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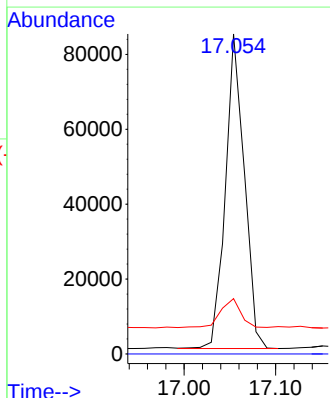
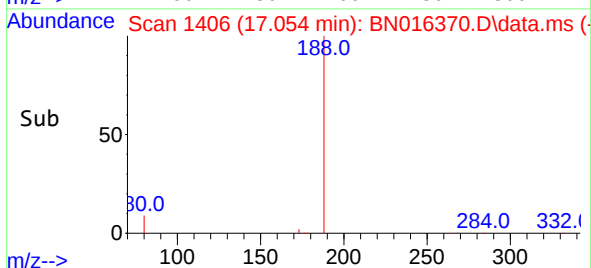
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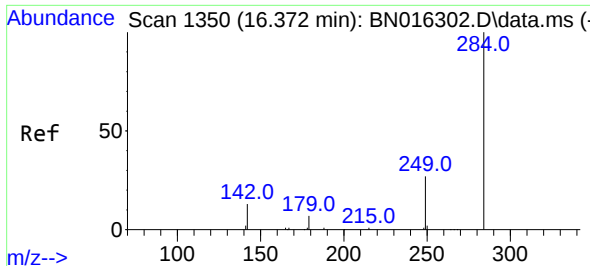


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



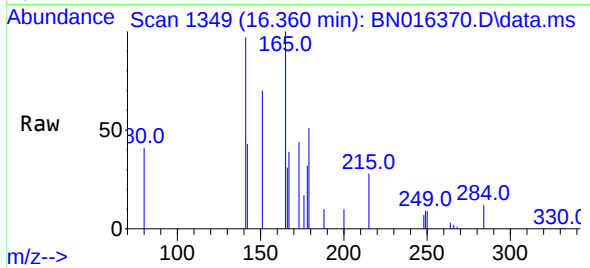
Tgt Ion:188 Resp: 120422
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.3 7.0 10.6#





#22
Hexachlorobenzene
Concen: 0.038 ng
RT: 16.360 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

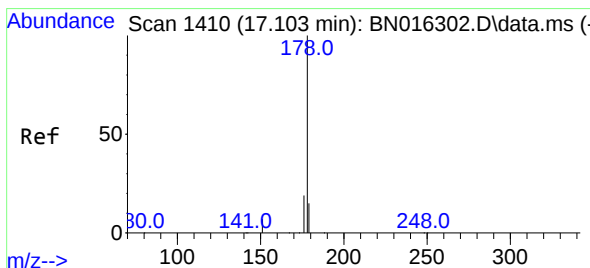
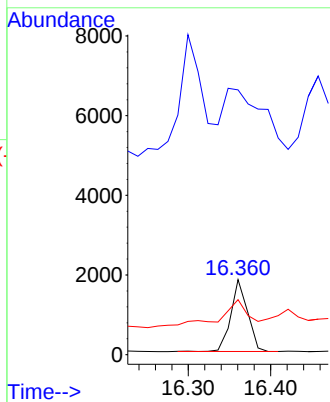
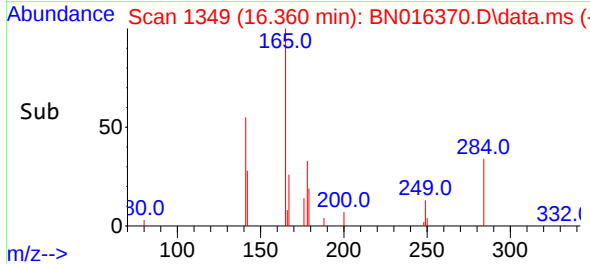
Instrument :
BNA_N
ClientSampleId :
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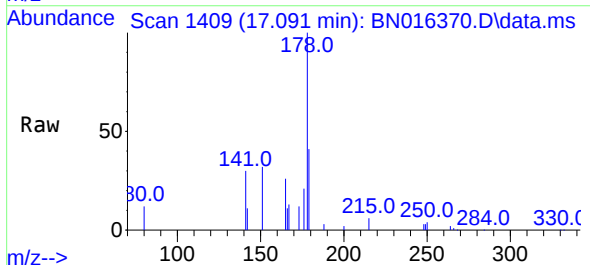
Tgt Ion:284 Resp: 2531
Ion Ratio Lower Upper
284 100
142 137.2 22.6 34.0#
249 47.7 24.4 36.6#

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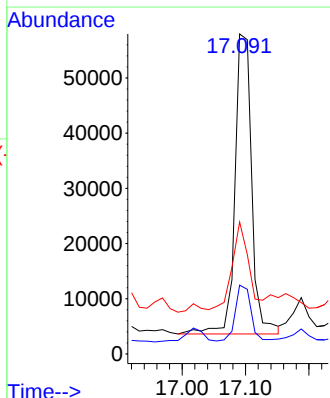
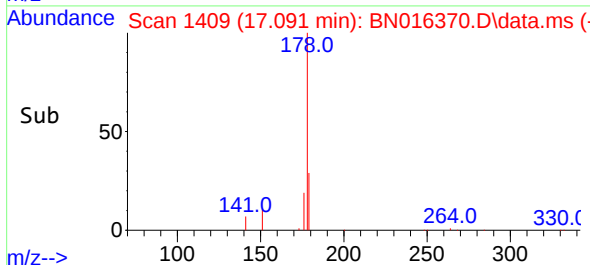
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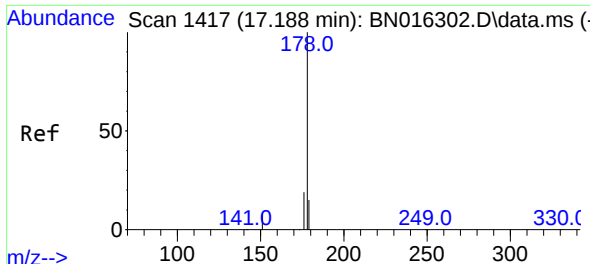


#25
Phenanthrene
Concen: 0.295 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



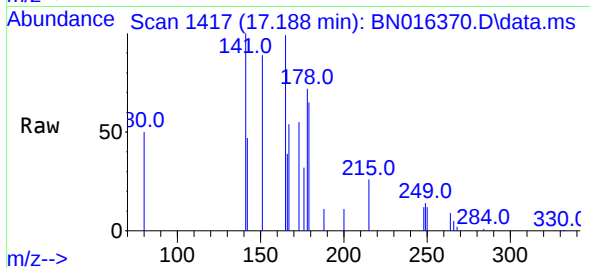
Tgt Ion:178 Resp: 100284
Ion Ratio Lower Upper
178 100
176 17.1 14.4 21.6
179 28.4 12.2 18.4#





#26
 Anthracene
 Concen: 0.023 ng
 RT: 17.188 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: BN016370.D
 Acq: 21 Sep 2021 07:55

Instrument :
 BNA_N
 ClientSampleId :
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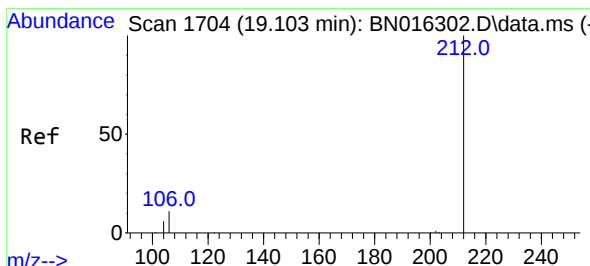
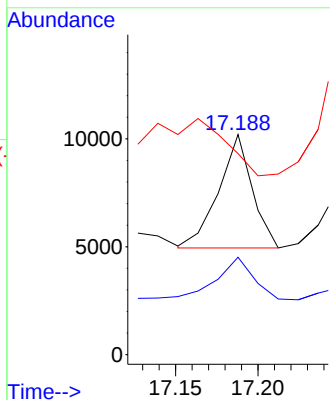
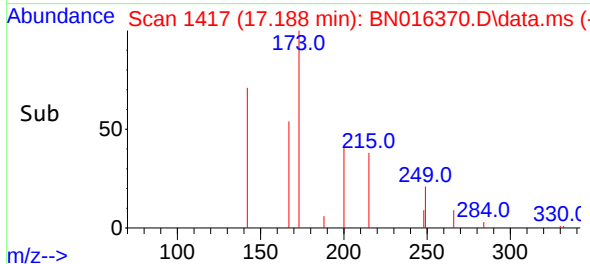


Tgt Ion:178 Resp: 7444

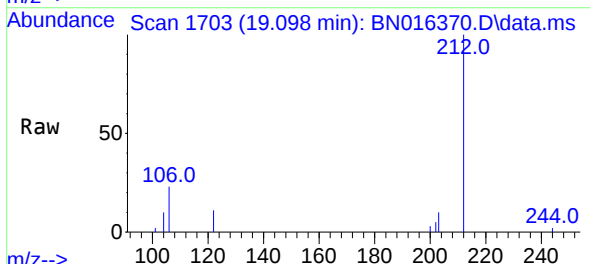
Ion	Ratio	Lower	Upper
178	100		
176	41.9	13.9	20.9#
179	0.0	12.2	18.4#

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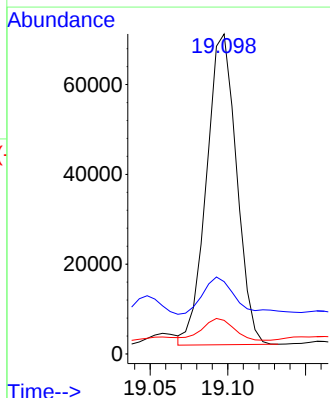
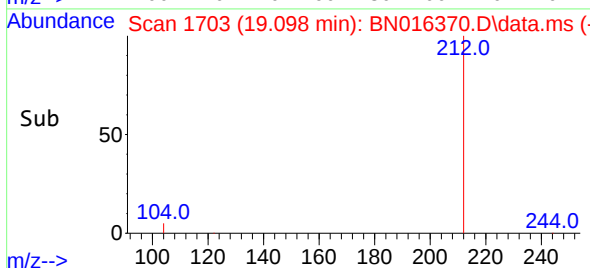


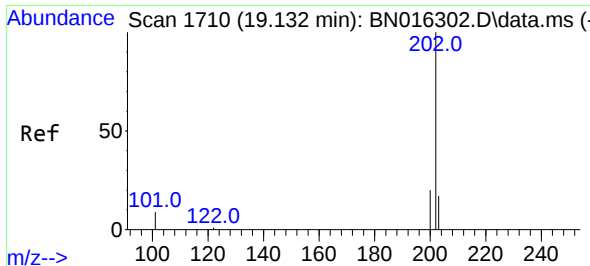
#27
 Fluoranthene-d10
 Concen: 0.267 ng
 RT: 19.098 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: BN016370.D
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Tgt Ion:212 Resp: 93019

Ion	Ratio	Lower	Upper
212	100		
106	14.5	9.8	14.6
104	7.4	5.4	8.2





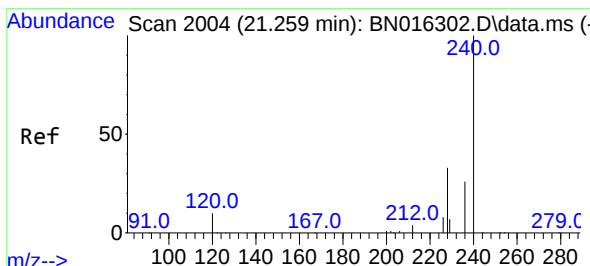
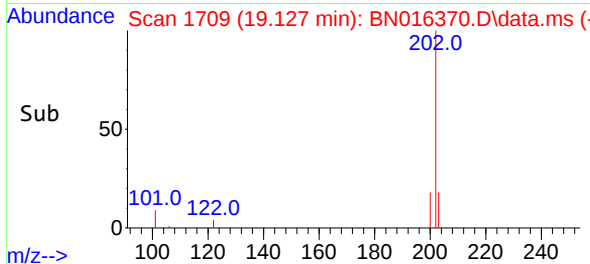
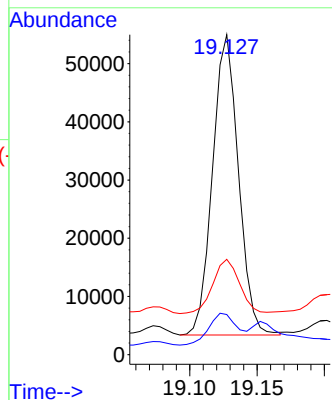
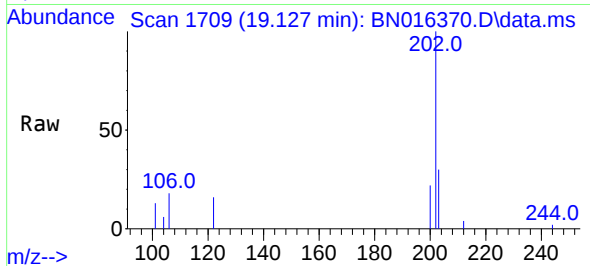
#28
Fluoranthene
Concen: 0.176 ng
RT: 19.127 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

Tgt Ion:	202	Resp:	68986
Ion Ratio	Lower	Upper	
202	100		
101	11.9	8.5	12.7
203	18.6	13.8	20.8

Instrument :
BNA_N
ClientSampleId :
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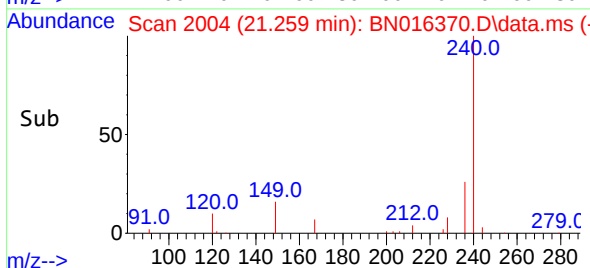
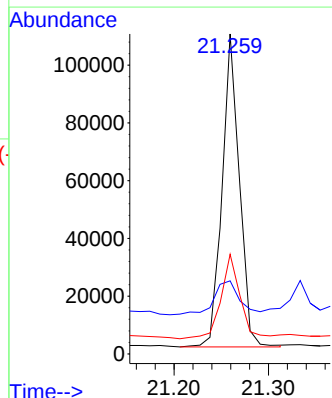
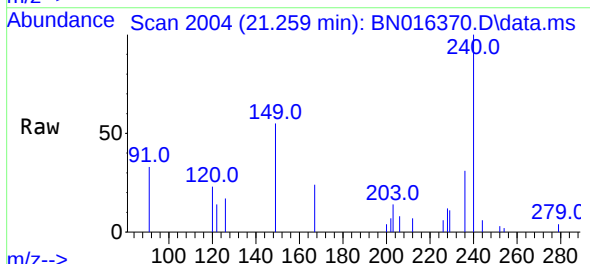
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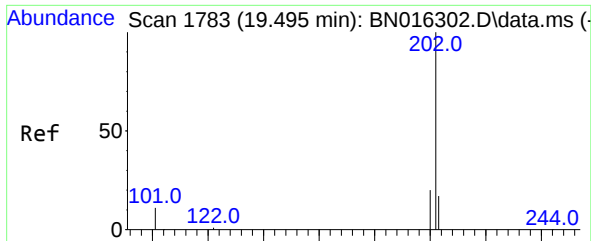
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#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

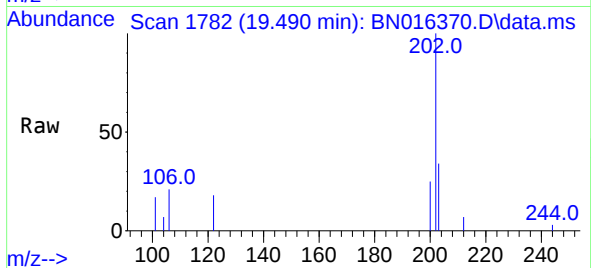
Tgt Ion:	240	Resp:	138043
Ion Ratio	Lower	Upper	
240	100		
120	22.9	5.3	7.9#
236	31.2	19.8	29.8#





#30
Pyrene
Concen: 0.170 ng
RT: 19.490 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

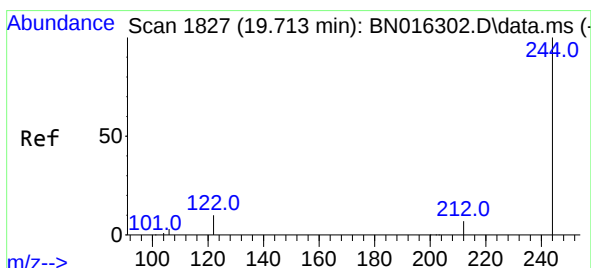
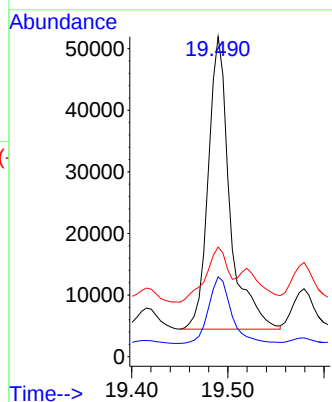
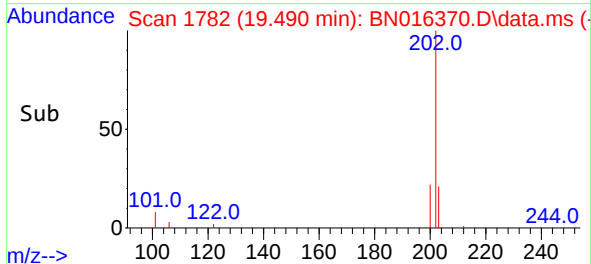
Instrument :
BNA_N
ClientSampleId :
NAPL-02-(8-10)-END-POINT



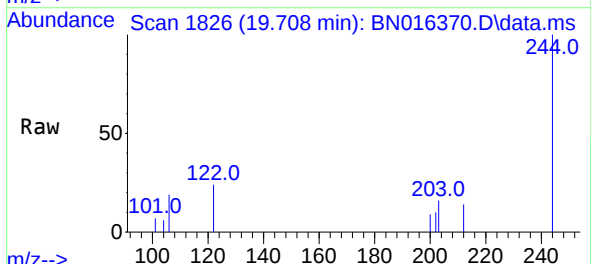
Tgt Ion:202 Resp: 74201
Ion Ratio Lower Upper
202 100
200 24.1 15.8 23.6#
203 19.3 13.9 20.9

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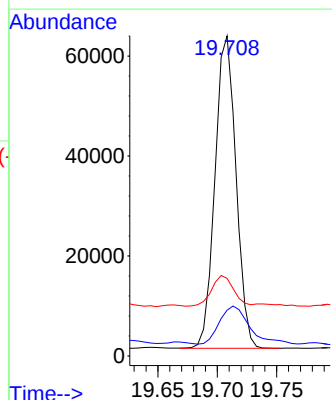
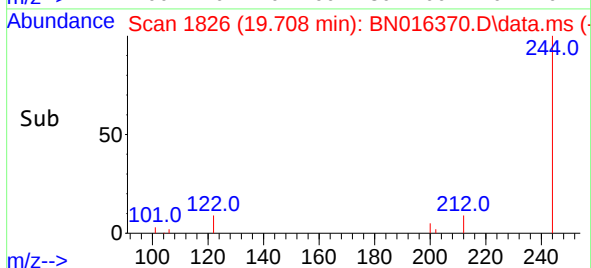
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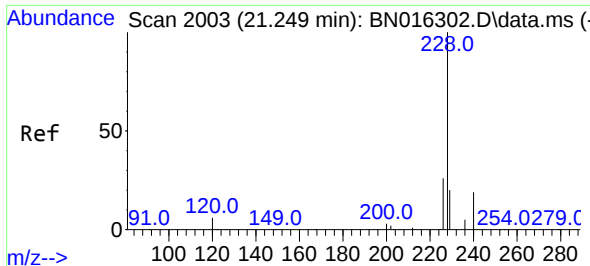


#31
Terphenyl-d14
Concen: 0.240 ng
RT: 19.708 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



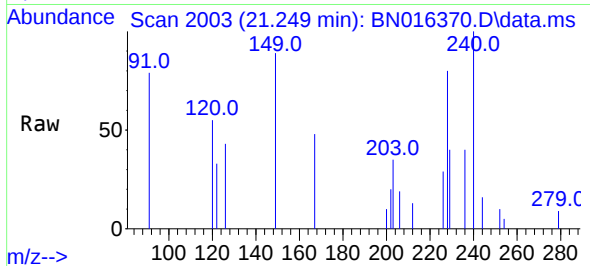
Tgt Ion:244 Resp: 76795
Ion Ratio Lower Upper
244 100
212 14.3 5.5 8.3#
122 24.3 9.0 13.4#





#32
Benzo(a)anthracene
Concen: 0.111 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

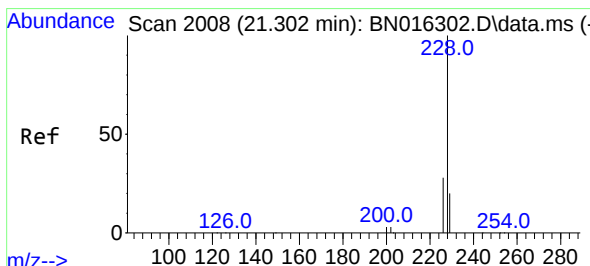
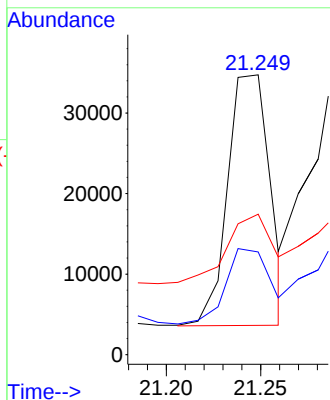
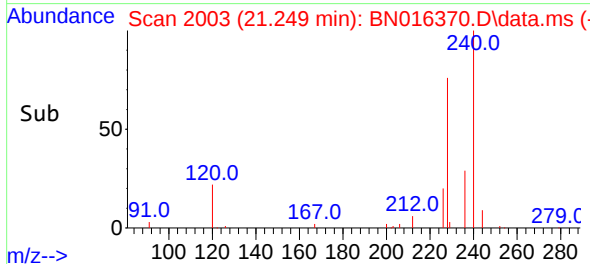
Instrument :
BNA_N
ClientSampleId :
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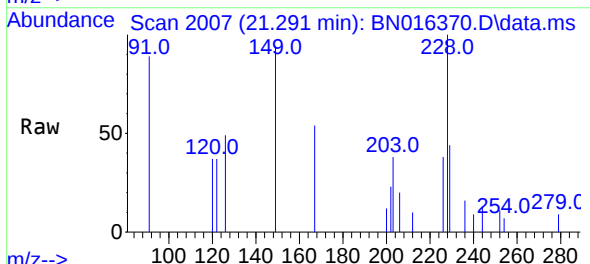
Tgt Ion:228 Resp: 49213
Ion Ratio Lower Upper
228 100
226 36.7 20.8 31.2#
229 50.2 15.8 23.6#

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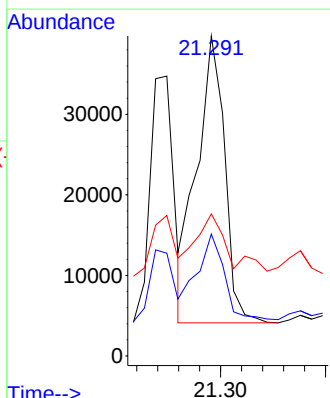
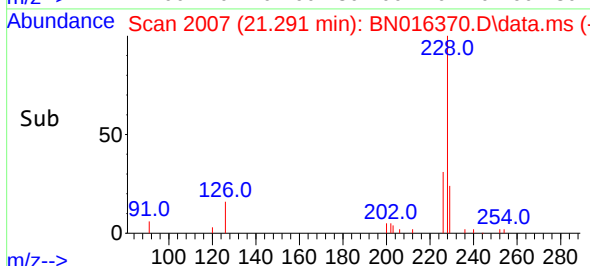
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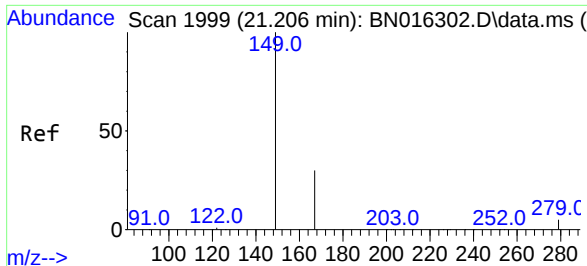


#33
Chrysene
Concen: 0.154 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55

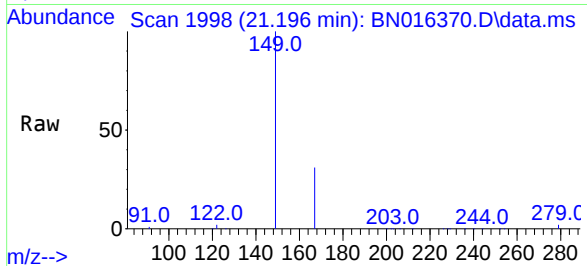


Tgt Ion:228 Resp: 65884
Ion Ratio Lower Upper
228 100
226 38.1 23.0 34.4#
229 44.4 15.6 23.4#

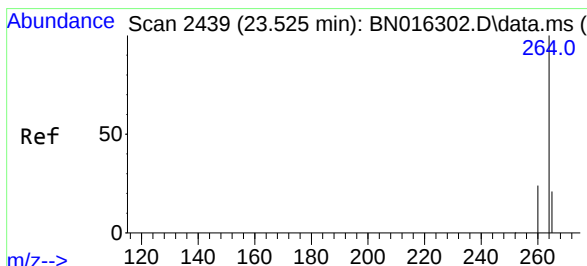
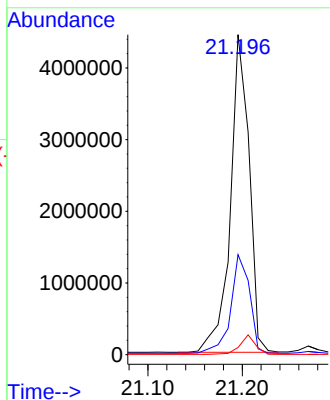
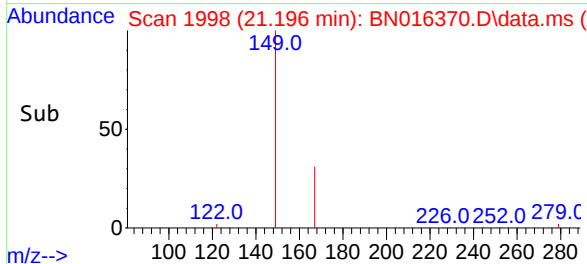




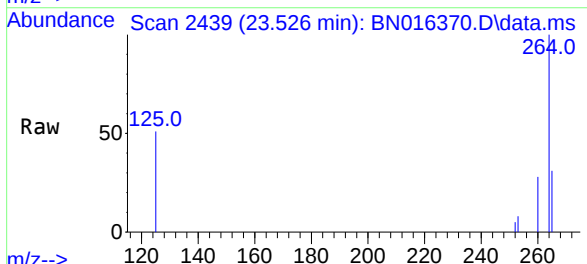
#34
Bis(2-ethylhexyl)phthalate
Concen: 25.562 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



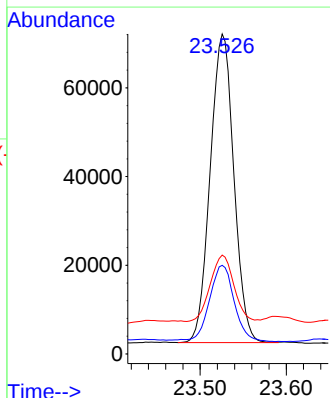
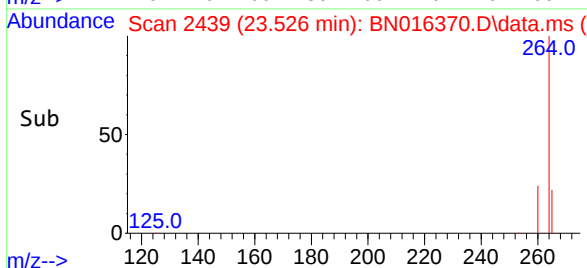
Tgt Ion:149 Resp: 6114102
Ion Ratio Lower Upper
149 100
167 31.1 23.4 35.0
279 5.1 3.9 5.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.526 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



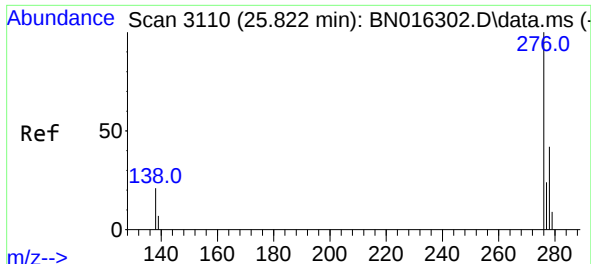
Tgt Ion:264 Resp: 132296
Ion Ratio Lower Upper
264 100
260 27.7 18.9 28.3
265 30.9 23.7 35.5



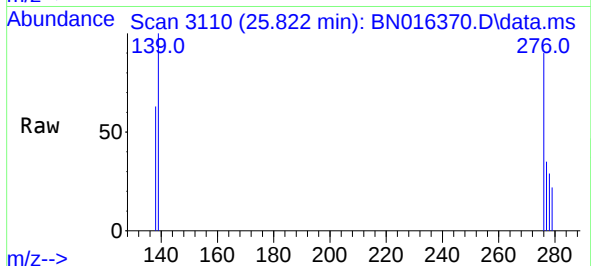
Instrument :
BNA_N
ClientSampleId :
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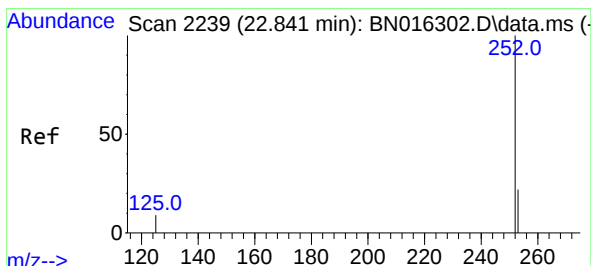
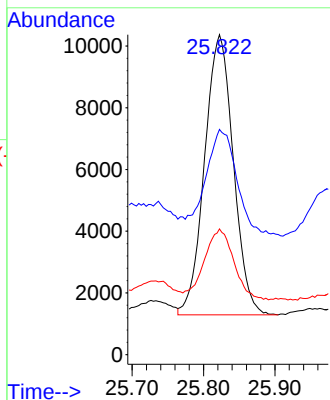
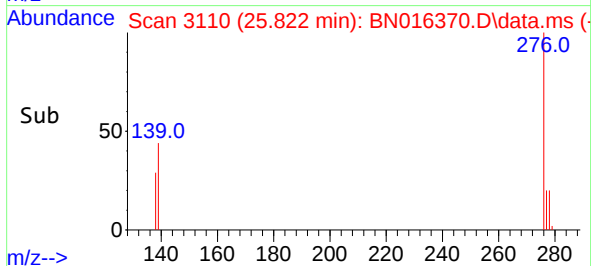
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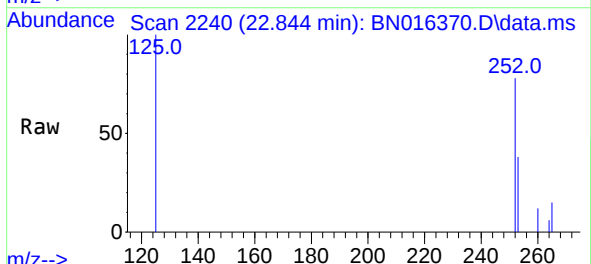
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.059 ng
RT: 25.822 min Scan# 3110
Delta R.T. 0.004 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



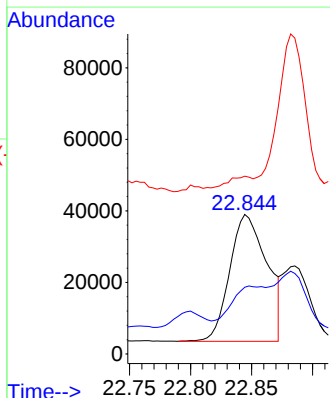
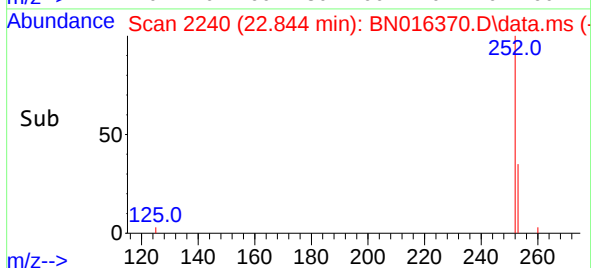
Tgt Ion: 276 Resp: 25381
Ion Ratio Lower Upper
276 100
138 41.0 19.3 28.9#
277 26.1 20.2 30.2



#37
Benzo(b)fluoranthene
Concen: 0.180 ng
RT: 22.844 min Scan# 2240
Delta R.T. 0.004 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



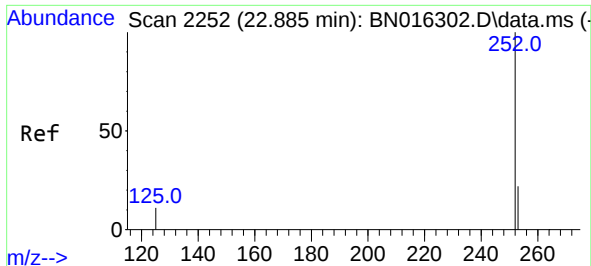
Tgt Ion: 252 Resp: 75486
Ion Ratio Lower Upper
252 100
253 47.9 18.2 27.2#
125 127.4 8.4 12.6#



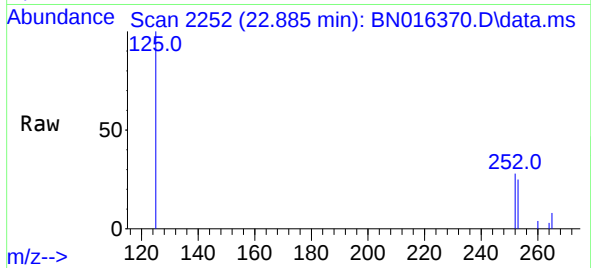
Instrument :
BNA_N
ClientSampleId :
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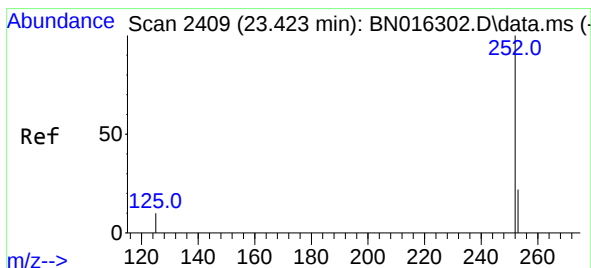
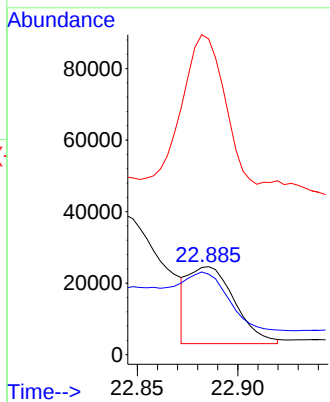
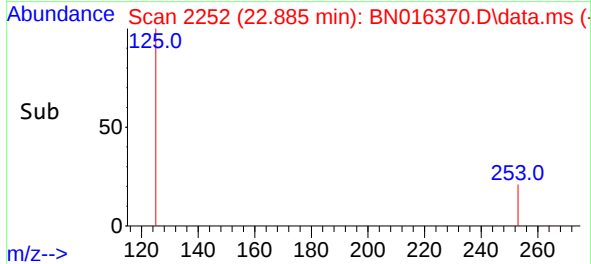
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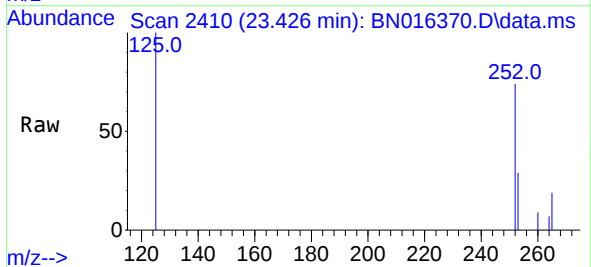
#38
Benzo(k)fluoranthene
Concen: 0.085 ng m
RT: 22.885 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



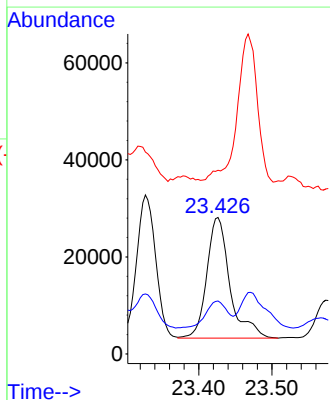
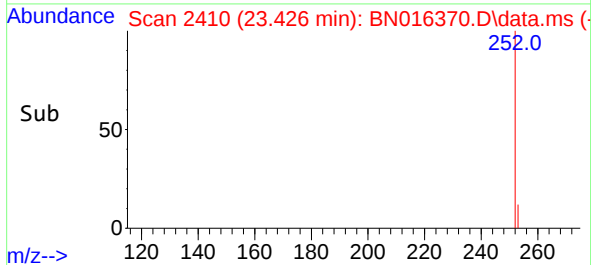
Tgt Ion:252 Resp: 34435
Ion Ratio Lower Upper
252 100
253 91.4 18.2 27.2#
125 358.6 8.2 12.4#



#39
Benzo(a)pyrene
Concen: 0.143 ng
RT: 23.426 min Scan# 2410
Delta R.T. 0.004 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



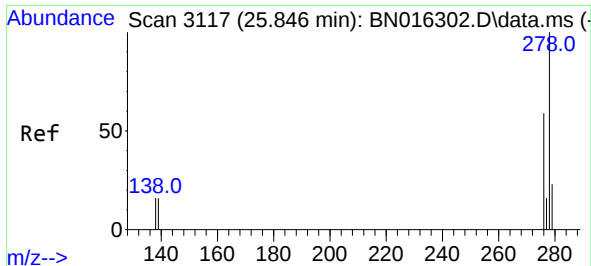
Tgt Ion:252 Resp: 54522
Ion Ratio Lower Upper
252 100
253 38.8 18.7 28.1#
125 134.6 9.9 14.9#



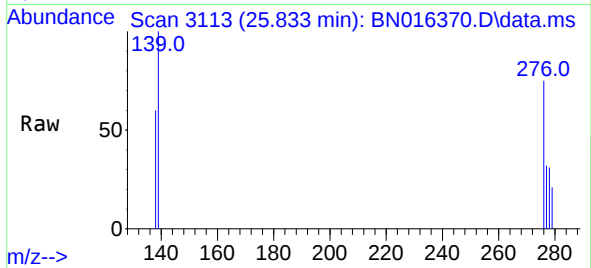
Instrument :
BNA_N
ClientSampleId :
NAPL-02-(8-10)-END-POINT

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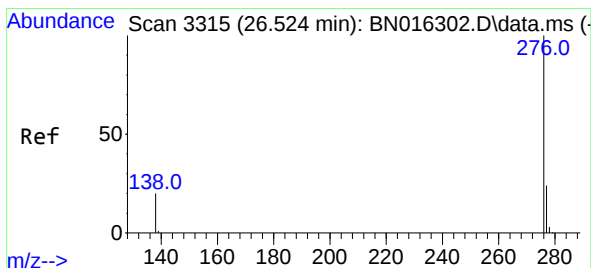
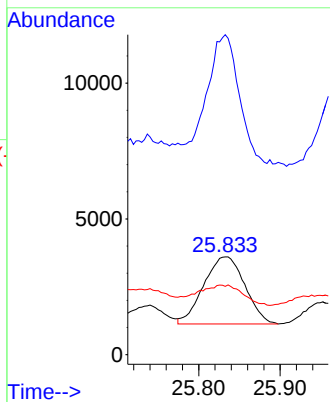
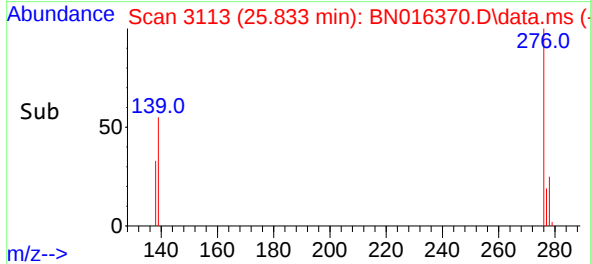
mohammad
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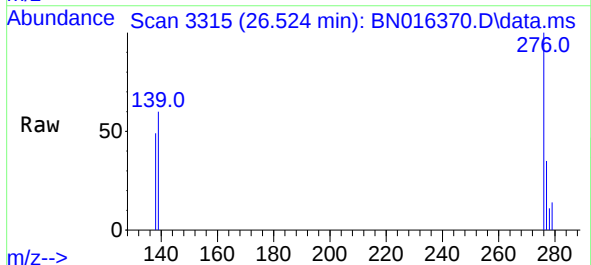
#40
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 25.833 min Scan# 3113
Delta R.T. -0.010 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



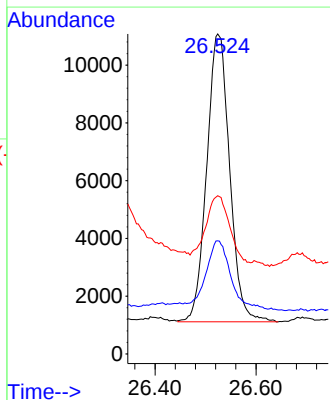
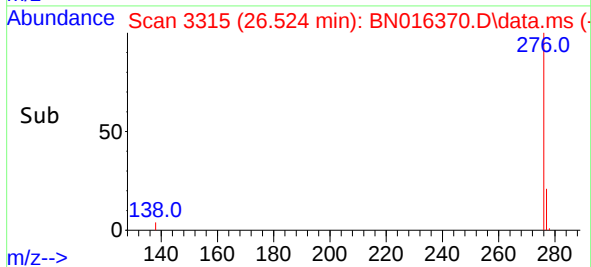
Tgt Ion: 278 Resp: 8694
Ion Ratio Lower Upper
278 100
139 327.4 14.2 21.2#
279 69.9 21.3 31.9#



#41
Benzo(g,h,i)perylene
Concen: 0.087 ng
RT: 26.524 min Scan# 3315
Delta R.T. 0.004 min
Lab File: BN016370.D
Acq: 21 Sep 2021 07:55



Tgt Ion: 276 Resp: 31432
Ion Ratio Lower Upper
276 100
277 35.4 20.5 30.7#
138 49.4 18.2 27.4#



Instrument :
BNA_N
ClientSampleId :
NAPL-02-(8-10)-END-POINT

Manual Integrations
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