

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016768.D
 Acq On : 06 Oct 2021 07:30
 Operator : CG/JU
 Sample : M3892-18DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-832-J-SO-2-2.5-092221DL

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Quant Time: Oct 06 08:18:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28986	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	134595	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	76154	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	148626	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	146567	0.40	ng	0.00
35) Perylene-d12	23.488	264	153366	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	3563	0.05	ng	0.00
5) Phenol-d6	6.822	99	3672	0.04	ng	0.00
8) Nitrobenzene-d5	8.784	82	4147	0.04	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	9405	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	1697	0.16	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	11801	0.04	ng	-0.01
27) Fluoranthene-d10	19.063	212	18221	0.04	ng	0.00
31) Terphenyl-d14	19.679	244	14932	0.05	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.457	128	9203	0.02	ng	# 96
17) Acenaphthene	14.332	154	19870	0.09	ng	99
18) Fluorene	15.322	166	22285m	0.08	ng	
25) Phenanthrene	17.066	178	400259	0.92	ng	99
26) Anthracene	17.151	178	119737	0.31	ng	97
28) Fluoranthene	19.098	202	1365720	2.82	ng	100
30) Pyrene	19.460	202	1261360	2.62	ng	# 92
32) Benzo(a)anthracene	21.217	228	905006	1.99	ng	97
33) Chrysene	21.270	228	816398m	1.77	ng	
34) Bis(2-ethylhexyl)phtha...	21.164	149	64762	0.23	ng	97
36) Indeno(1,2,3-cd)pyrene	25.768	276	333038	0.68	ng	98
37) Benzo(b)fluoranthene	22.814	252	1064179	2.15	ng	97
38) Benzo(k)fluoranthene	22.855	252	397989m	0.84	ng	
39) Benzo(a)pyrene	23.389	252	731090	1.65	ng	98
40) Dibenzo(a,h)anthracene	25.781	278	95142	0.25	ng	# 81
41) Benzo(g,h,i)perylene	26.466	276	291810	0.68	ng	97

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

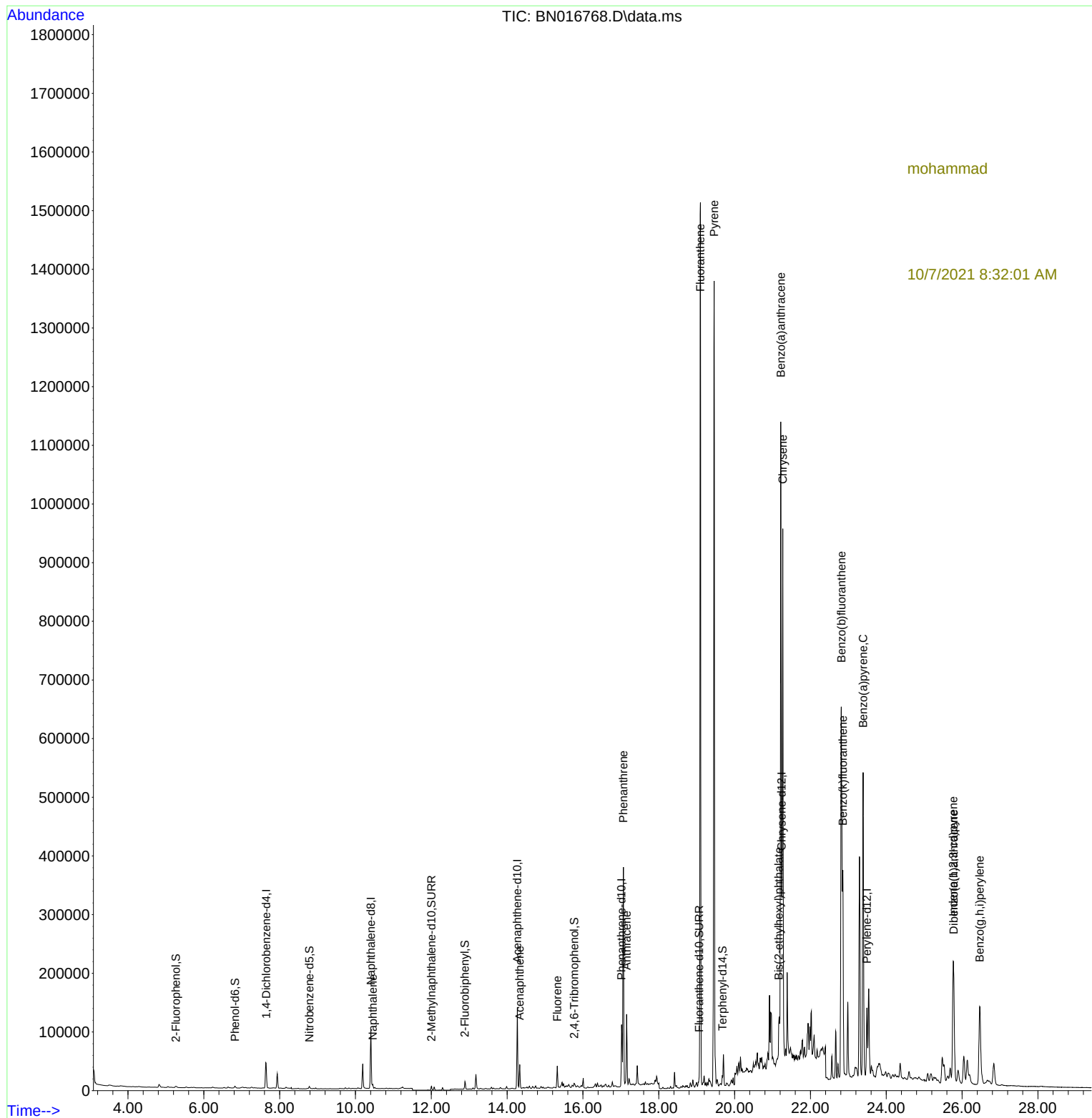
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Data File : BN016768.D
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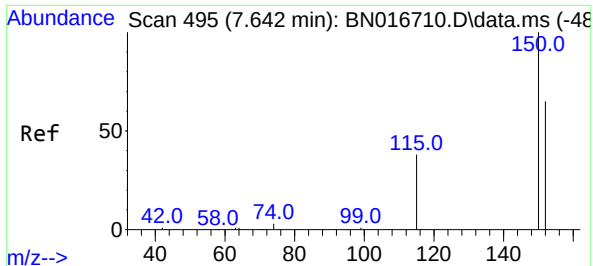
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Quant Time: Oct 06 08:18:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
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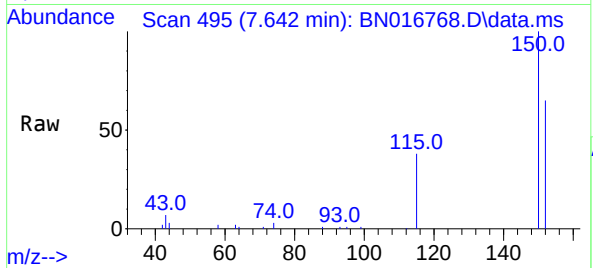


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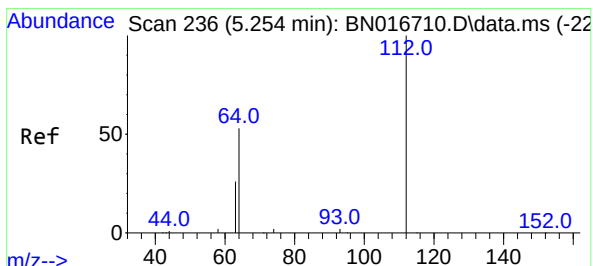
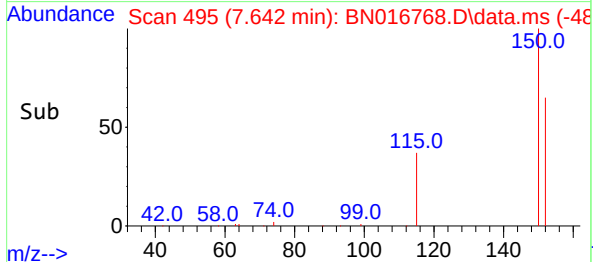
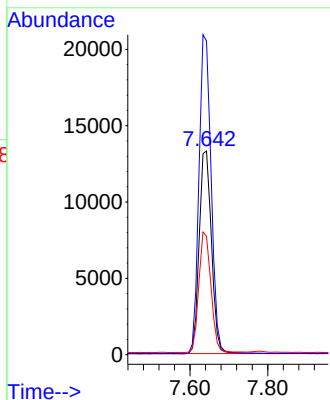
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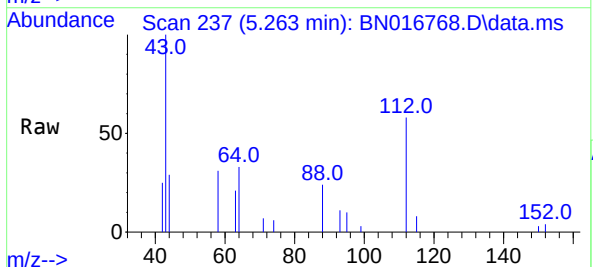
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30



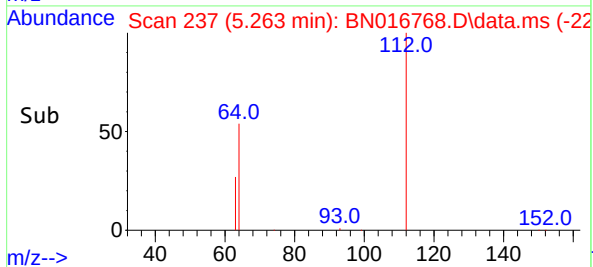
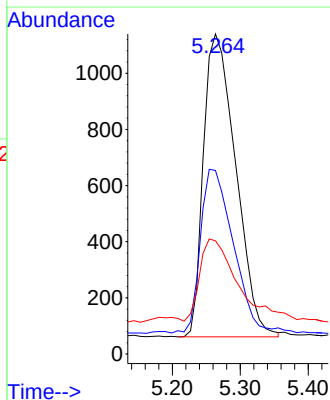
Tgt Ion:152 Resp: 28986
Ion Ratio Lower Upper
152 100
150 154.0 123.3 184.9
115 58.1 47.0 70.6



#4
2-Fluorophenol
Concen: 0.05 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.010 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30



Tgt Ion:112 Resp: 3563
Ion Ratio Lower Upper
112 100
64 54.7 42.9 64.3
63 31.3 21.5 32.3



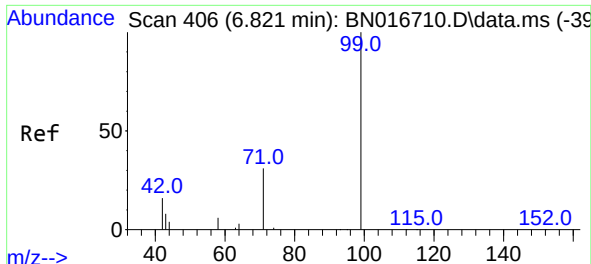
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ClientSampleId :
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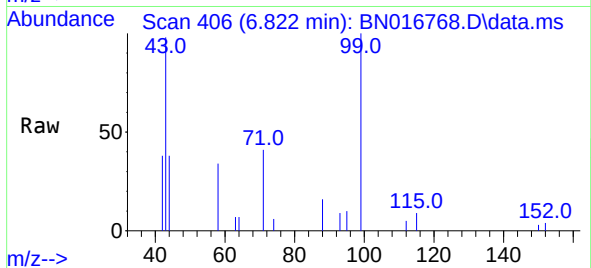
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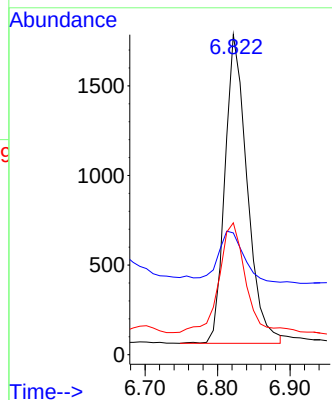
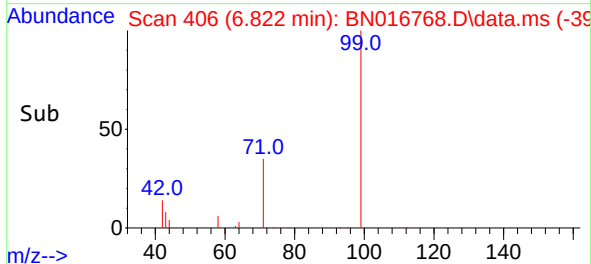
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#5
Phenol-d6
Concen: 0.04 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30



Tgt Ion: 99 Resp: 3672
Ion Ratio Lower Upper
99 100
42 19.1 13.4 20.2
71 41.2 24.0 36.0#



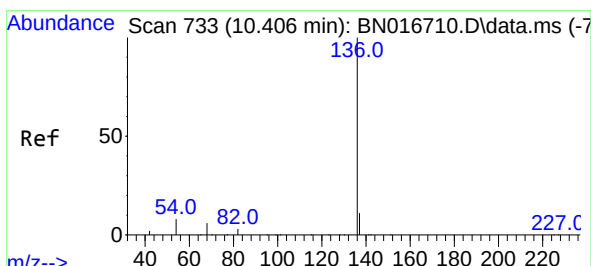
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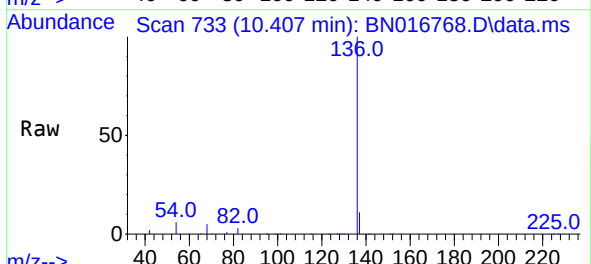
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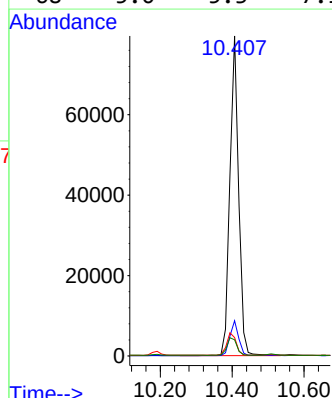
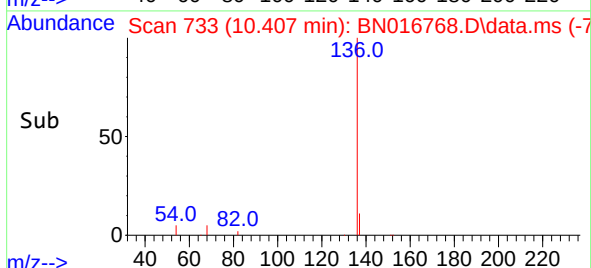
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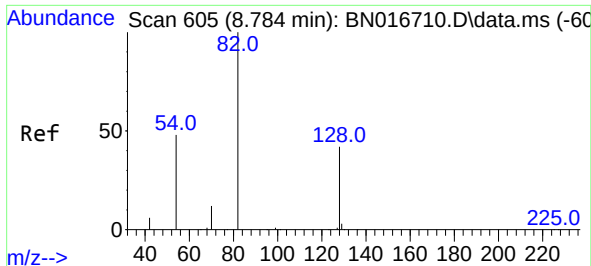


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30



Tgt Ion: 136 Resp: 134595
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 5.8 6.5 9.7#
68 5.0 5.3 7.9#





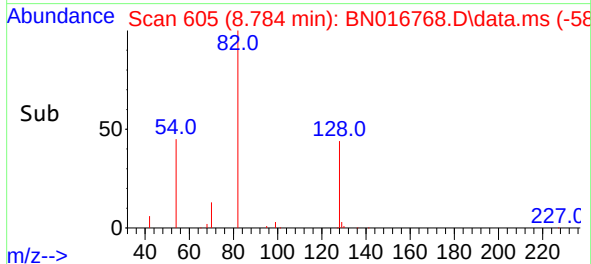
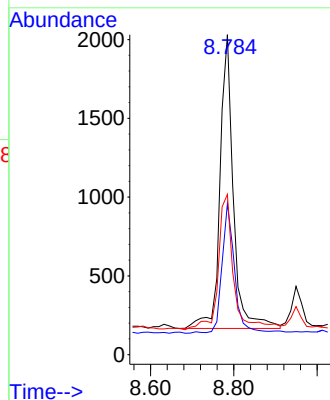
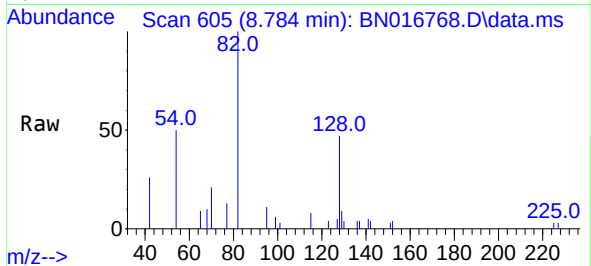
#8
Nitrobenzene-d5
Concen: 0.04 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion: 82 Resp: 4147
Ion Ratio Lower Upper
82 100
128 47.3 33.8 50.6
54 50.1 38.5 57.7

Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221DL

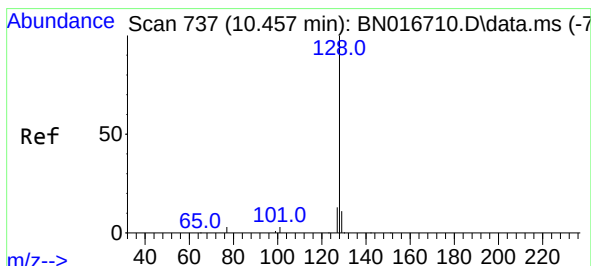
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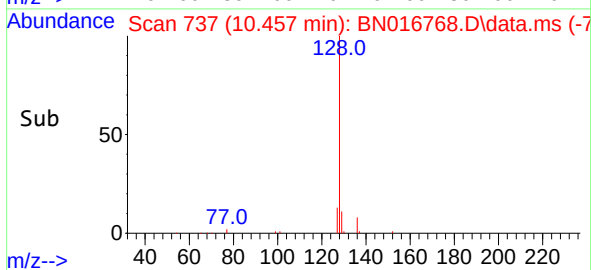
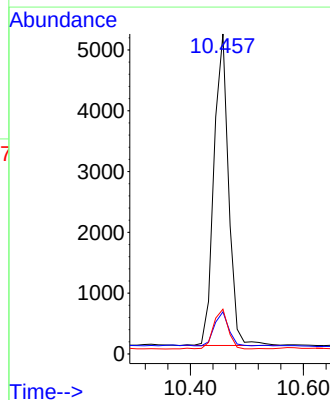
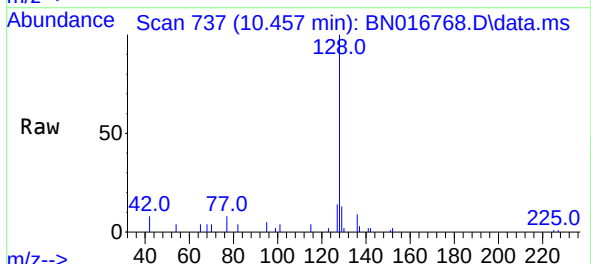
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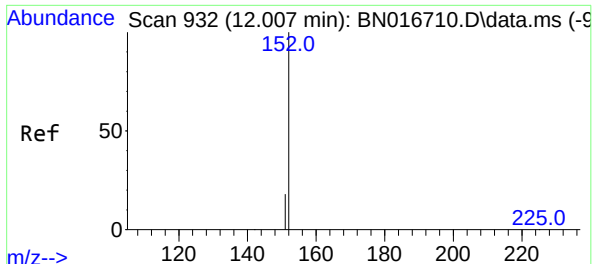
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#9
Naphthalene
Concen: 0.02 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion: 128 Resp: 9203
Ion Ratio Lower Upper
128 100
129 13.1 8.7 13.1#
127 14.0 10.3 15.5





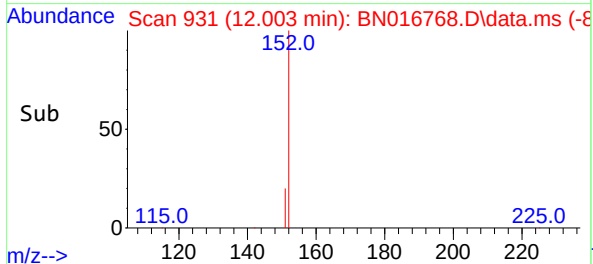
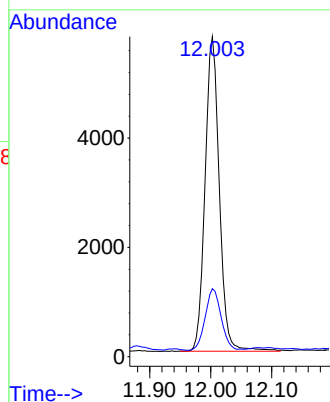
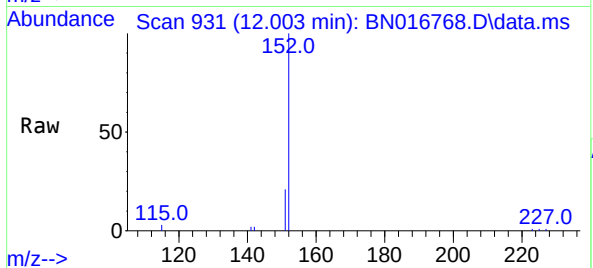
#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:152 Resp: 9405
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.4

Instrument :
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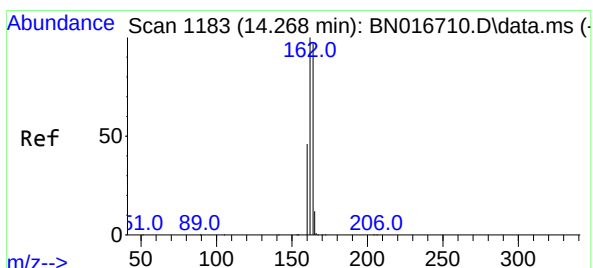
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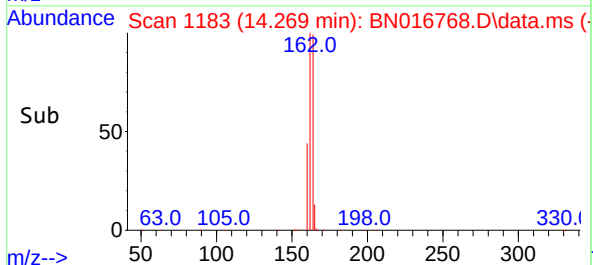
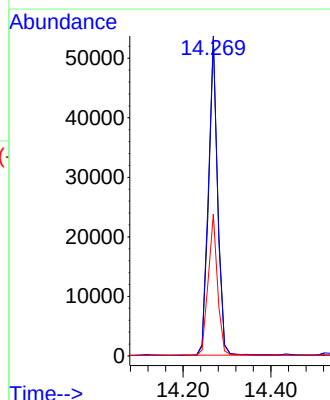
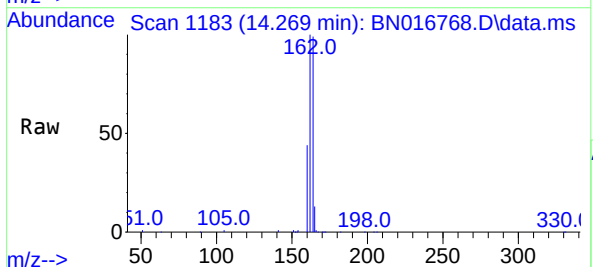
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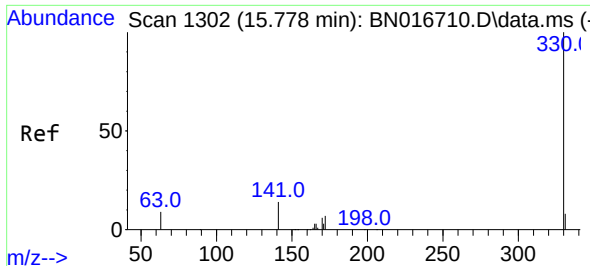
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#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:164 Resp: 76154
Ion Ratio Lower Upper
164 100
162 101.0 82.6 124.0
160 44.8 38.2 57.2





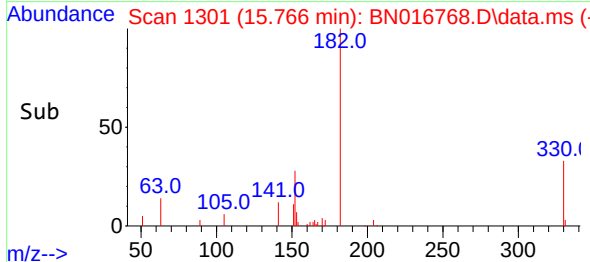
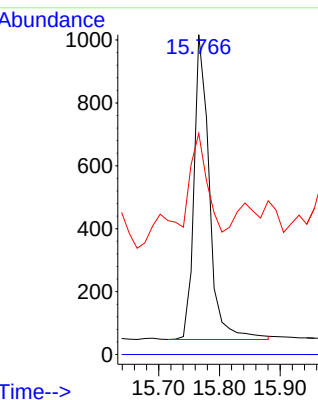
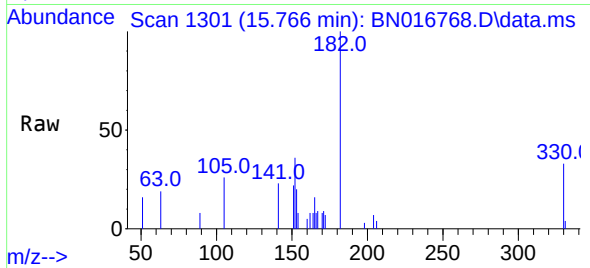
#14
2,4,6-Tribromophenol
Concen: 0.16 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion: 330 Resp: 1697
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.6 24.2 36.2

Instrument :
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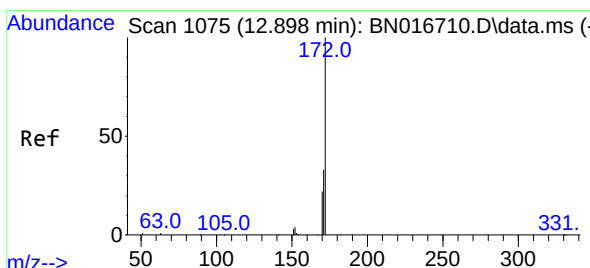
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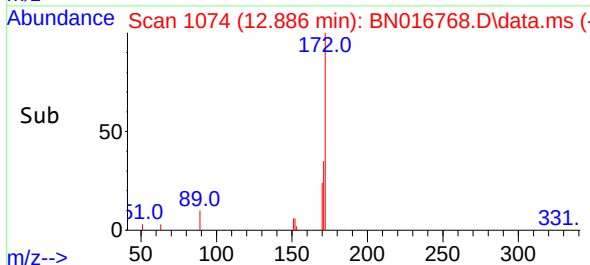
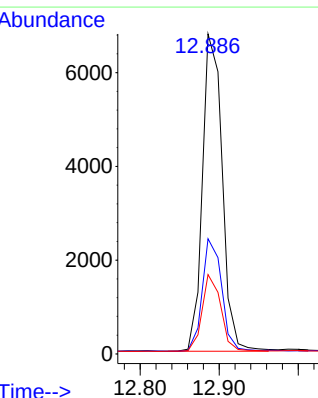
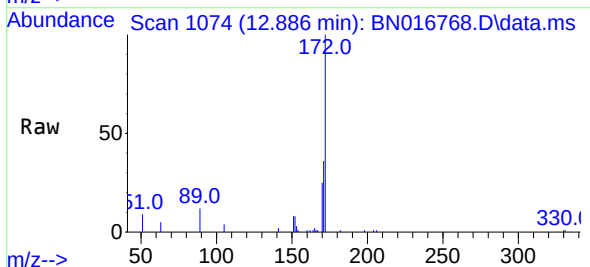
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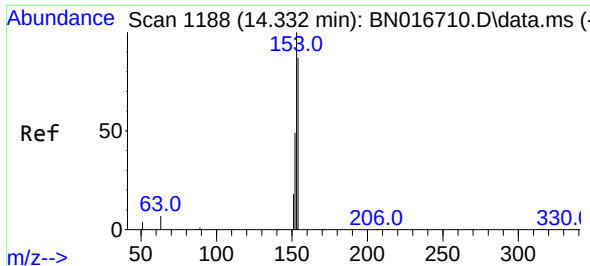
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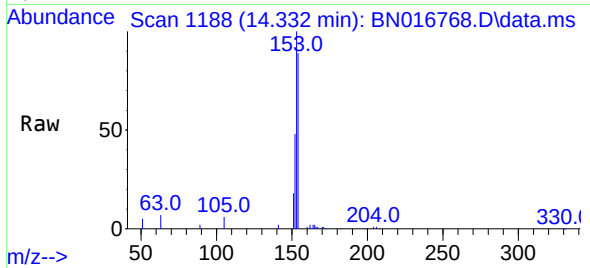
#15
2-Fluorobiphenyl
Concen: 0.04 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion: 172 Resp: 11801
Ion Ratio Lower Upper
172 100
171 36.0 26.9 40.3
170 24.8 17.4 26.0

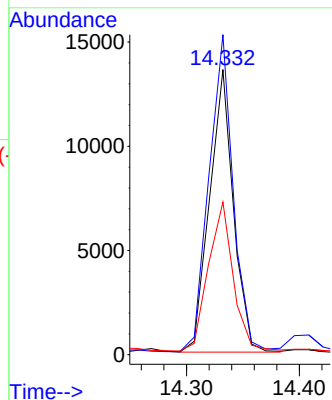




#17
Acenaphthene
Concen: 0.09 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30



Tgt Ion:154 Resp: 19870
Ion Ratio Lower Upper
154 100
153 113.5 90.1 135.1
152 55.4 43.6 65.4



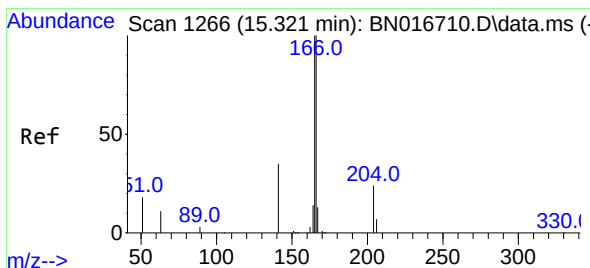
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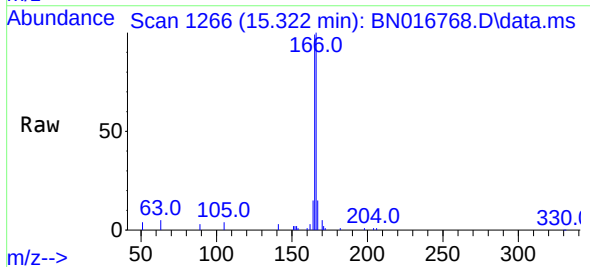
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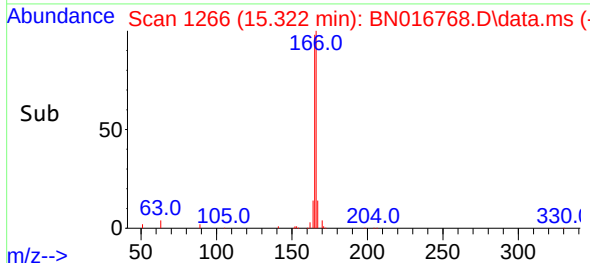
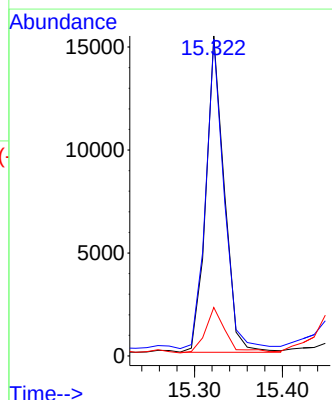
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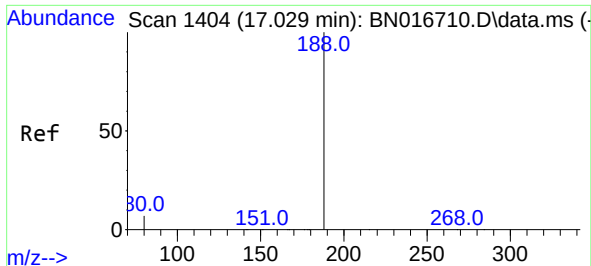


#18
Fluorene
Concen: 0.08 ng m
RT: 15.322 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

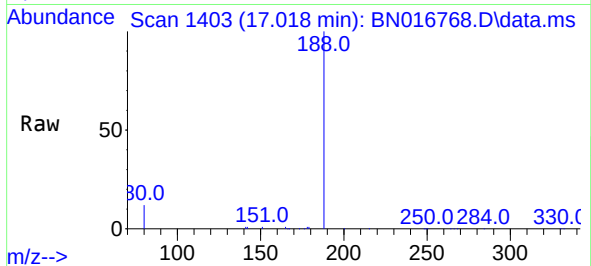


Tgt Ion:166 Resp: 22285
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 15.9 10.7 16.1

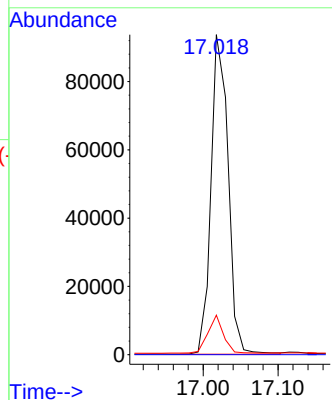




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30



Tgt Ion:188 Resp: 148626
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 5.8 8.8#



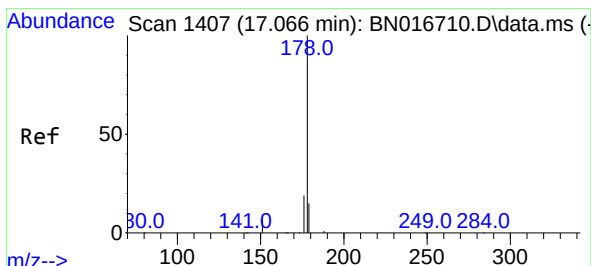
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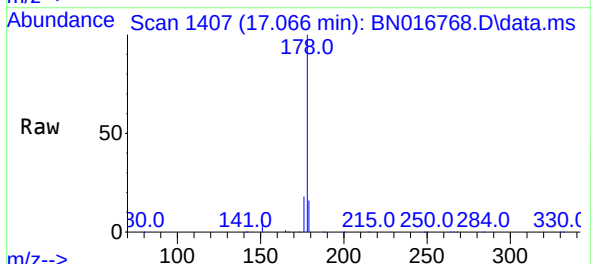
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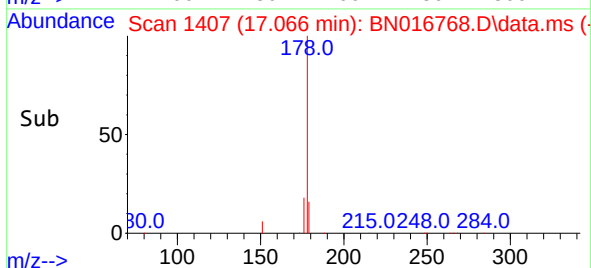
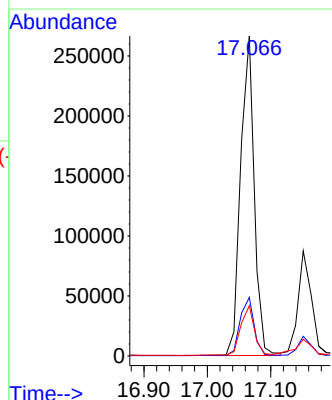
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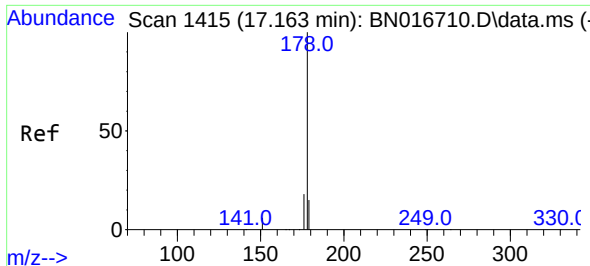


#25
Phenanthrene
Concen: 0.92 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

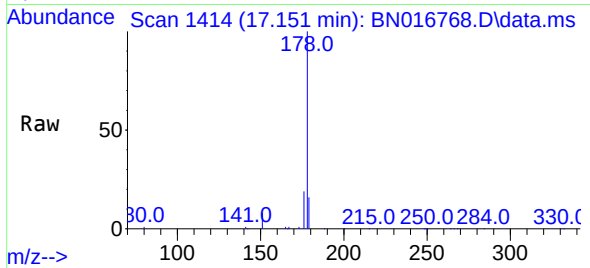


Tgt Ion:178 Resp: 400259
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.9 12.4 18.6



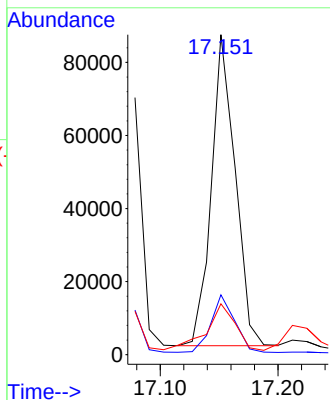


#26
 Anthracene
 Concen: 0.31 ng
 RT: 17.151 min Scan# 1414
 Delta R.T. -0.012 min
 Lab File: BN016768.D
 Acq: 06 Oct 2021 07:30



Tgt Ion:178 Resp: 119737

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	18.2	12.2	18.4



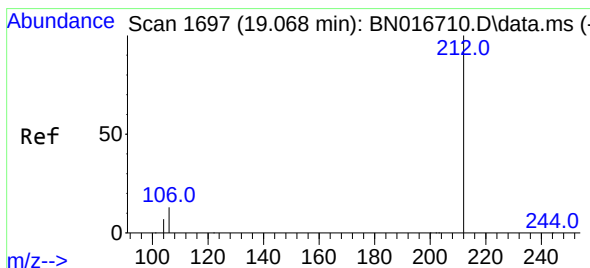
Instrument :
 BNA_N
 ClientSampleId :
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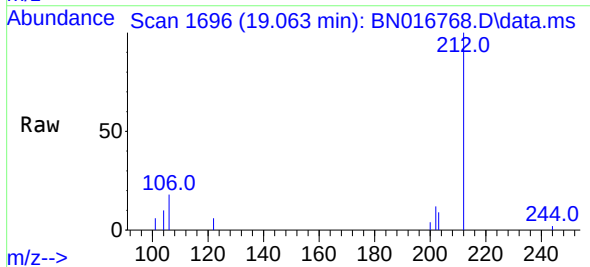
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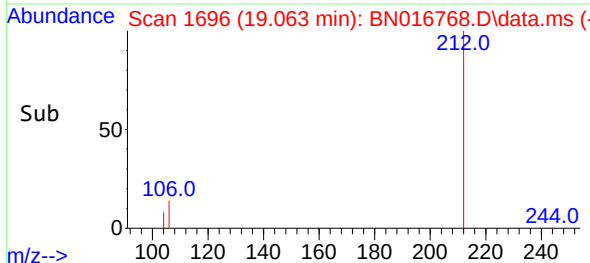
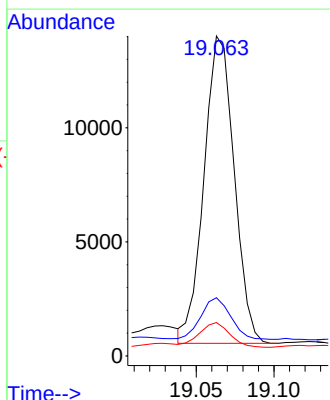


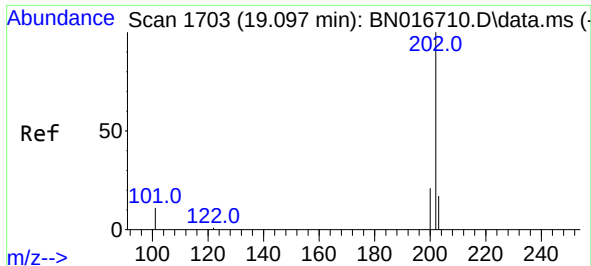
#27
 Fluoranthene-d10
 Concen: 0.04 ng
 RT: 19.063 min Scan# 1696
 Delta R.T. -0.005 min
 Lab File: BN016768.D
 Acq: 06 Oct 2021 07:30



Tgt Ion:212 Resp: 18221

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	16.0
104	8.1	5.8	8.8





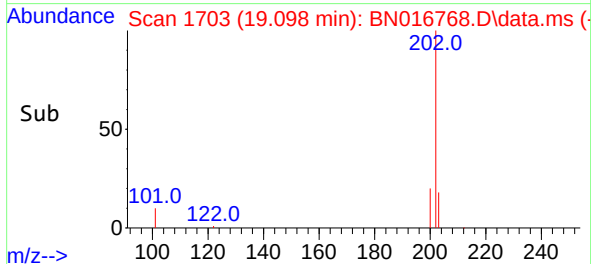
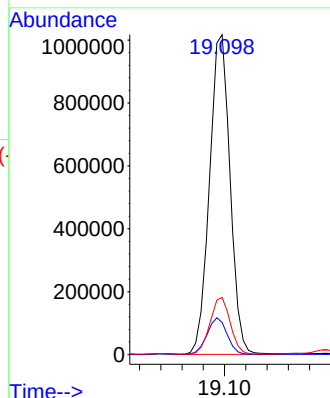
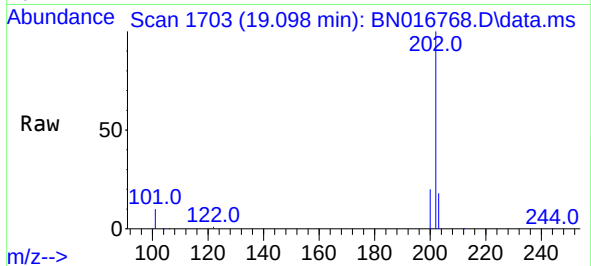
#28
Fluoranthene
Concen: 2.82 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:202 Resp: 1365720
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
203 17.6 13.8 20.8

Instrument :
BNA_N
ClientSampleId :
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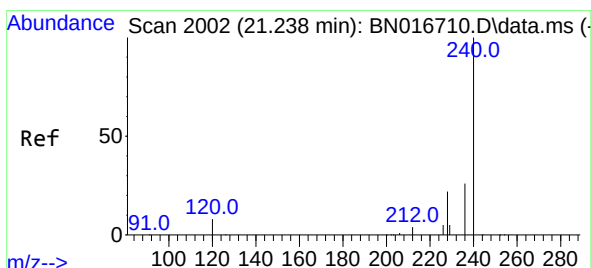
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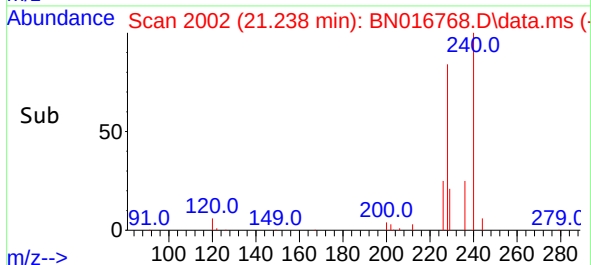
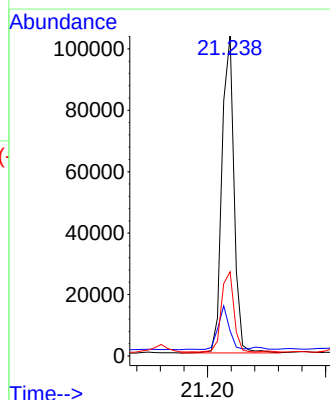
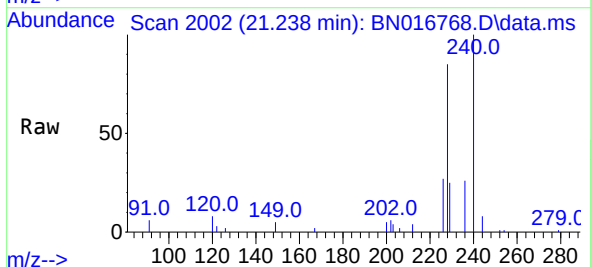
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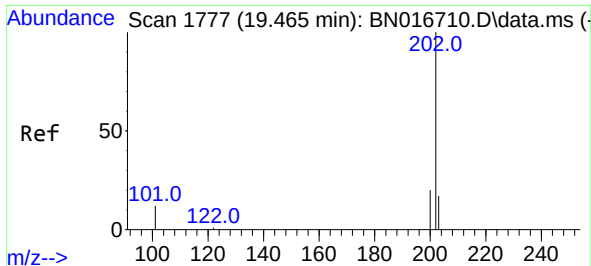
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#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:240 Resp: 146567
Ion Ratio Lower Upper
240 100
120 7.9 6.6 10.0
236 26.3 20.7 31.1





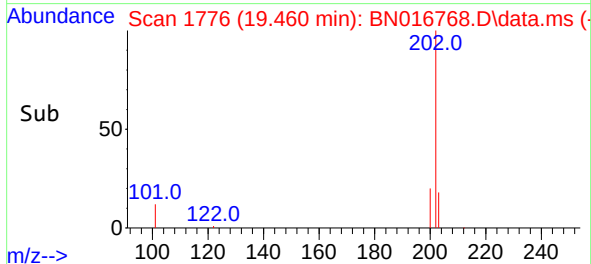
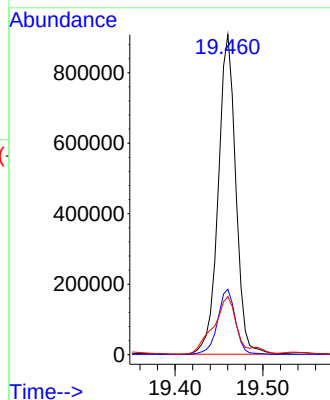
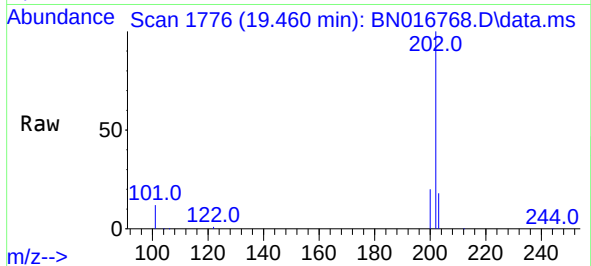
#30
Pyrene
Concen: 2.62 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:202 Resp: 1261360
Ion Ratio Lower Upper
202 100
200 20.8 16.5 24.7
203 24.5 13.9 20.9#

Instrument :
BNA_N
ClientSampleId :
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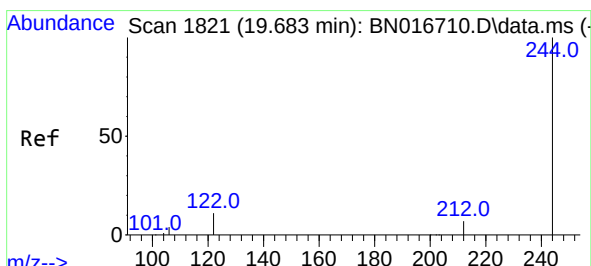
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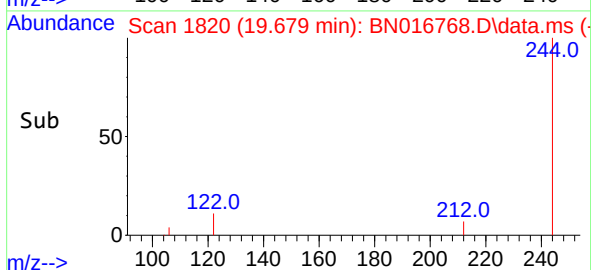
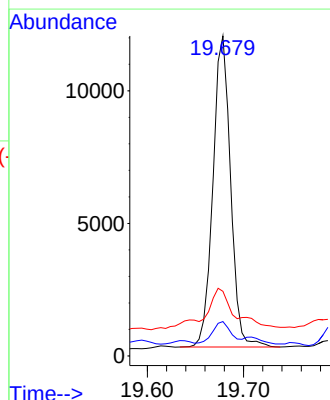
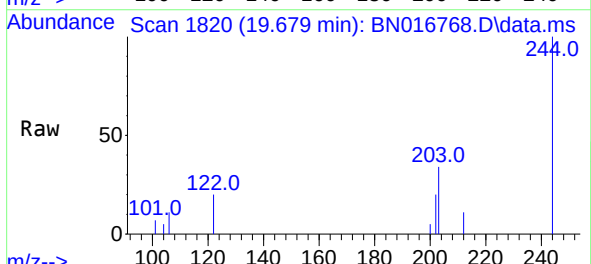
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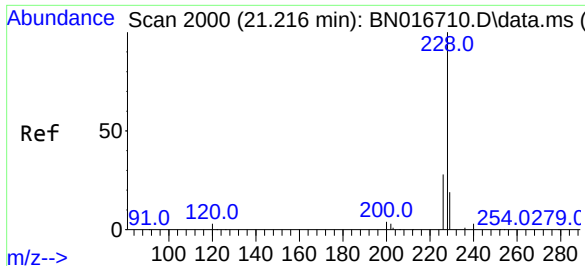
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#31
Terphenyl-d14
Concen: 0.05 ng
RT: 19.679 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:244 Resp: 14932
Ion Ratio Lower Upper
244 100
212 10.7 5.8 8.6#
122 20.2 8.9 13.3#





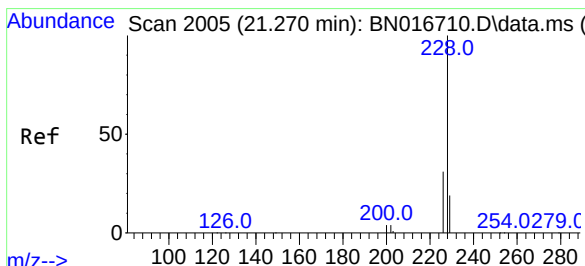
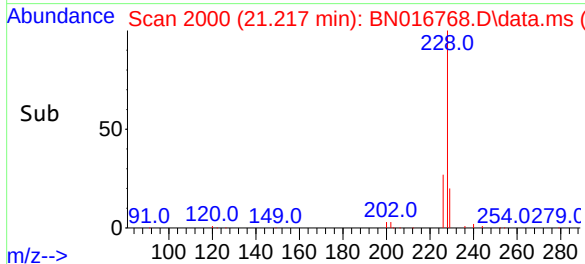
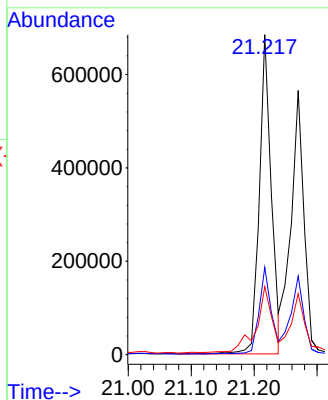
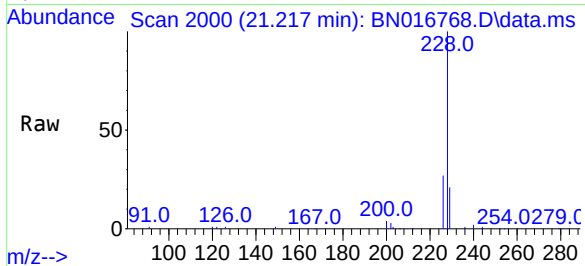
#32
Benzo(a)anthracene
Concen: 1.99 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:228 Resp: 905006
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 21.2 15.4 23.0

Instrument :
BNA_N
ClientSampleId :
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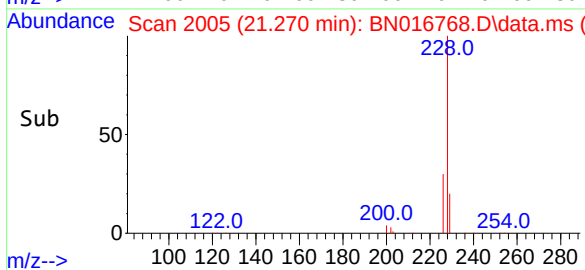
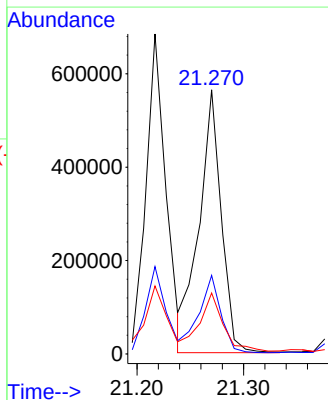
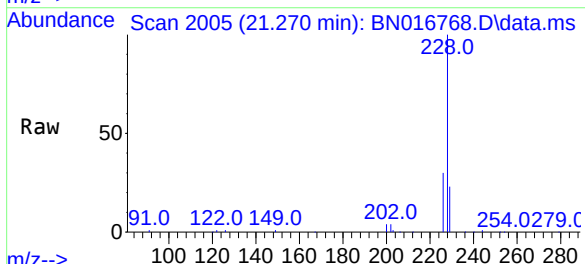
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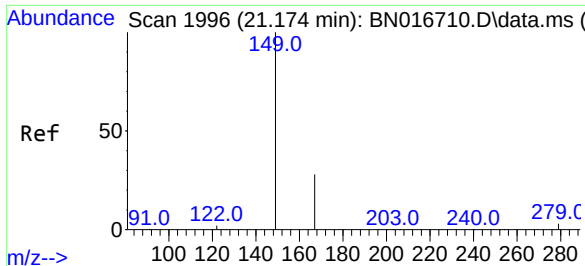
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#33
Chrysene
Concen: 1.77 ng m
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:228 Resp: 816398
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.4
229 23.1 15.4 23.0#





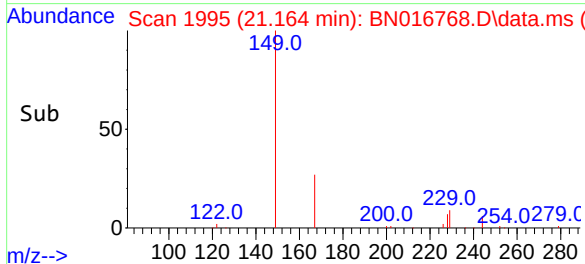
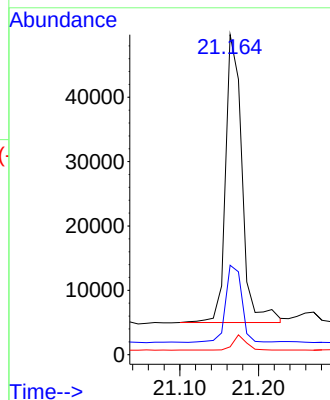
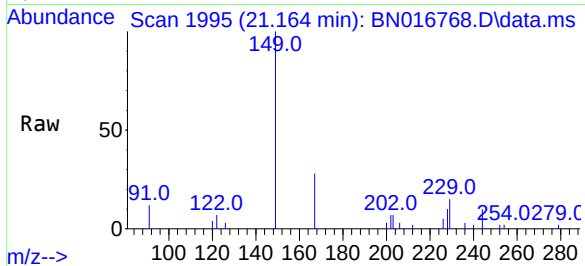
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:149 Resp: 64762
Ion Ratio Lower Upper
149 100
167 26.3 22.2 33.4
279 4.2 3.4 5.2

Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221DL

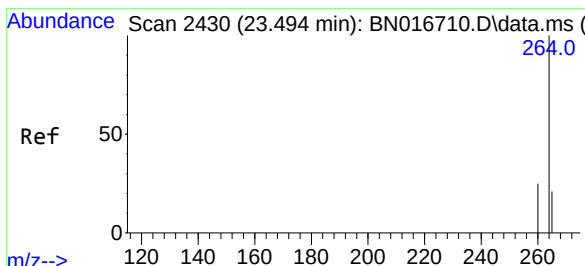
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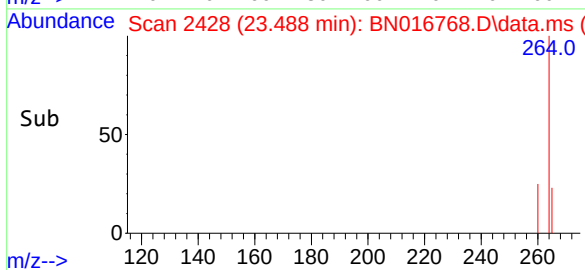
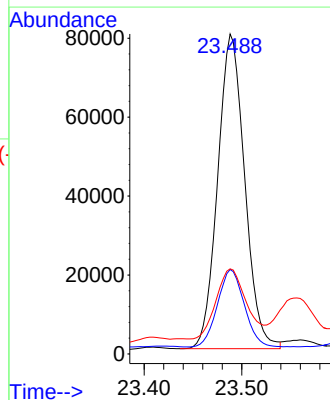
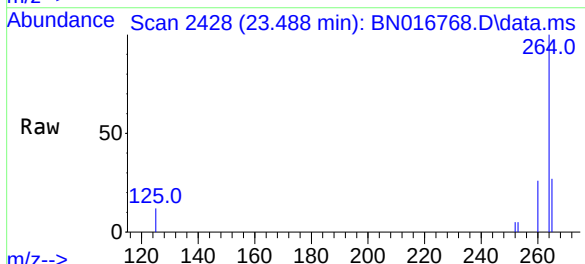
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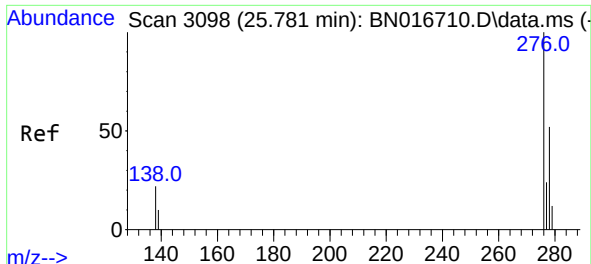
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#35
Perylene-d12
Concen: 0.40 ng
RT: 23.488 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:264 Resp: 153366
Ion Ratio Lower Upper
264 100
260 26.4 19.8 29.6
265 26.6 20.3 30.5





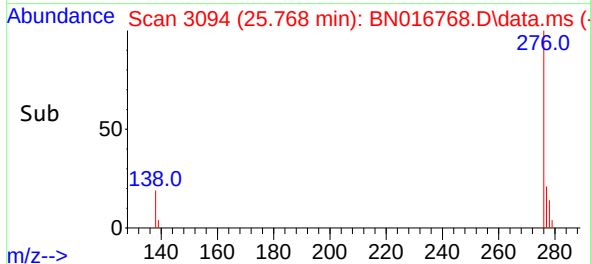
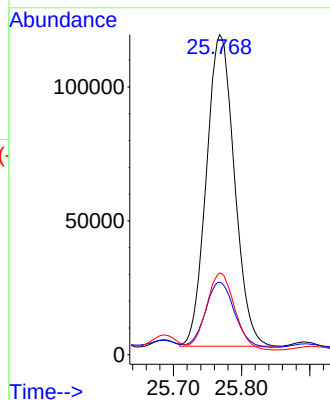
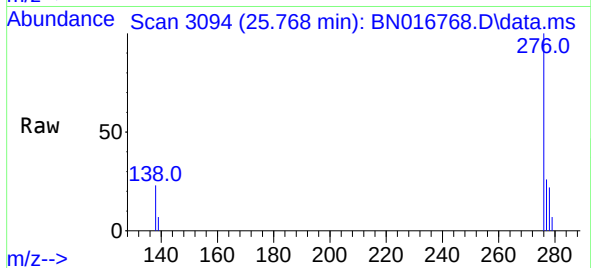
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.68 ng
RT: 25.768 min Scan# 3094
Delta R.T. -0.013 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion: 276 Resp: 333038
Ion Ratio Lower Upper
276 100
138 21.5 19.2 28.8
277 25.0 20.0 30.0

Instrument :
BNA_N
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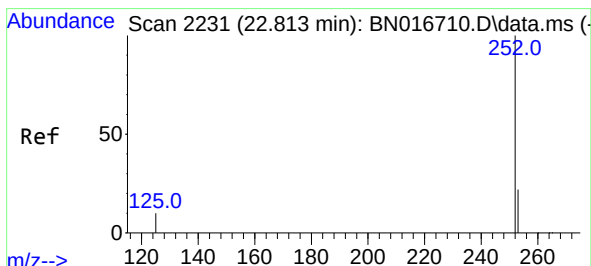
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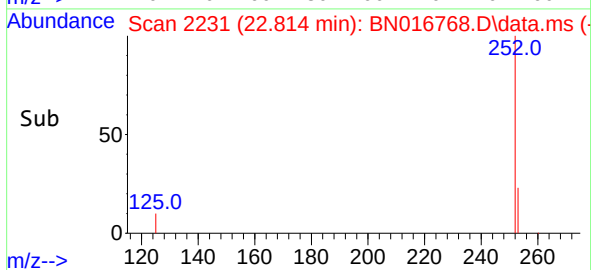
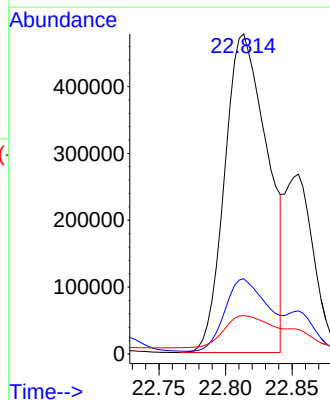
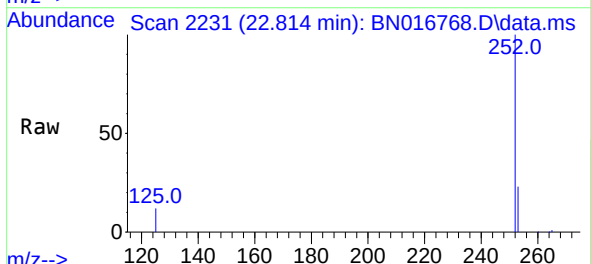
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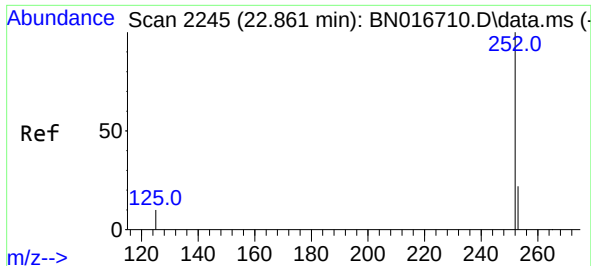
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#37
Benzo(b)fluoranthene
Concen: 2.15 ng
RT: 22.814 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion: 252 Resp: 1064179
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 12.0 8.3 12.5





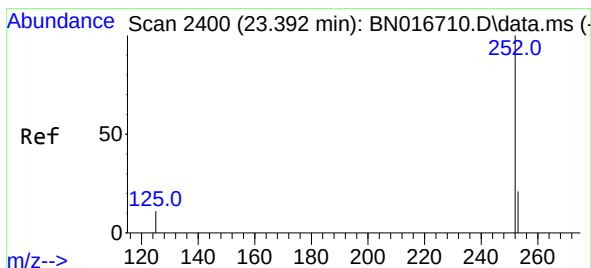
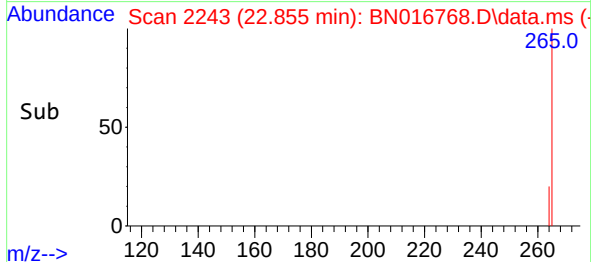
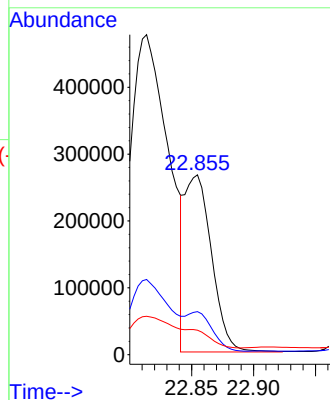
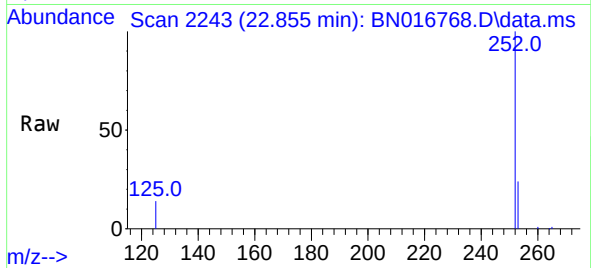
#38
Benzo(k)fluoranthene
Concen: 0.84 ng m
RT: 22.855 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:252 Resp: 397989
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 13.6 8.5 12.7#

Instrument :
BNA_N
ClientSampleId :
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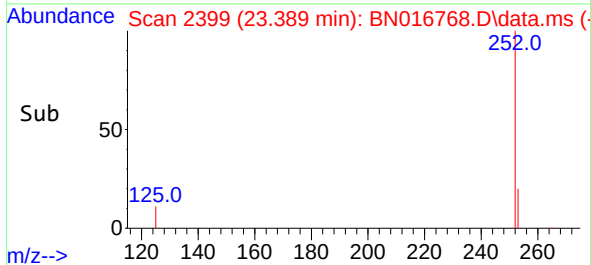
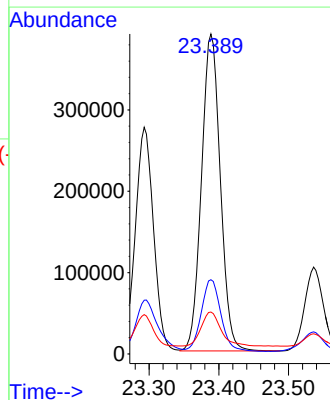
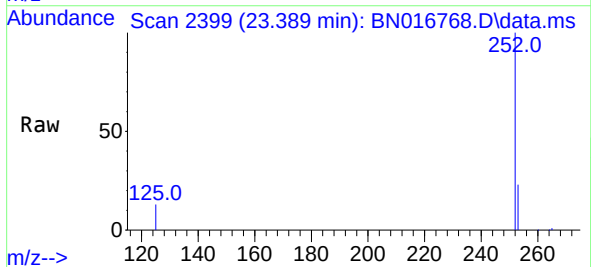
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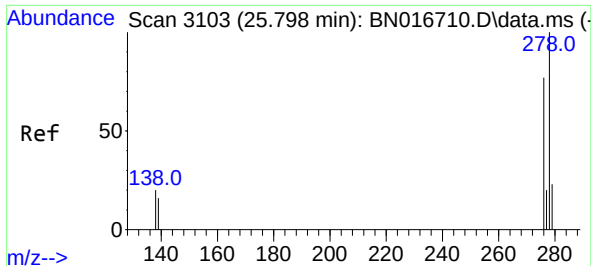
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#39
Benzo(a)pyrene
Concen: 1.65 ng
RT: 23.389 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:252 Resp: 731090
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 13.1 9.4 14.2





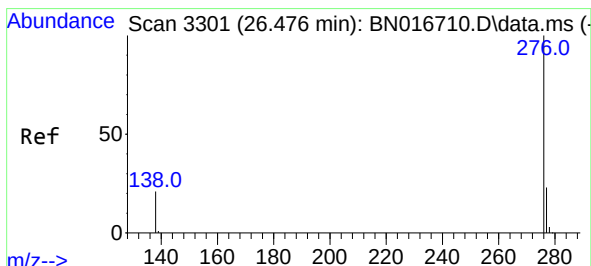
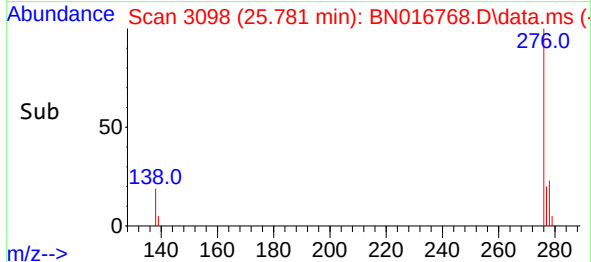
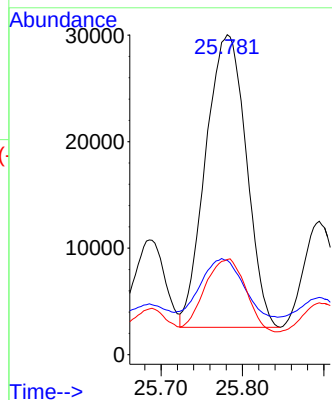
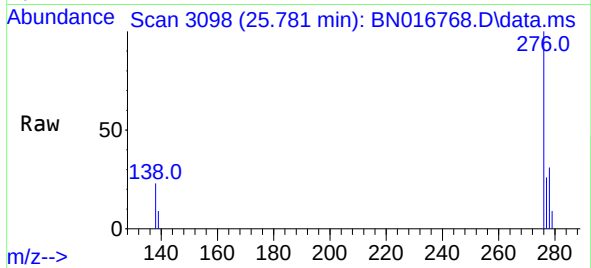
#40
Dibenzo(a,h)anthracene
Concen: 0.25 ng
RT: 25.781 min Scan# 3098
Delta R.T. -0.017 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:278 Resp: 95142
Ion Ratio Lower Upper
278 100
139 29.5 13.1 19.7#
279 29.7 19.3 28.9#

Instrument :
BNA_N
ClientSampleId :
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#41
Benzo(g,h,i)perylene
Concen: 0.68 ng
RT: 26.466 min Scan# 3298
Delta R.T. -0.010 min
Lab File: BN016768.D
Acq: 06 Oct 2021 07:30

Tgt Ion:276 Resp: 291810
Ion Ratio Lower Upper
276 100
277 24.8 19.0 28.4
138 23.0 17.0 25.6

