

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016696.D
 Acq On : 03 Oct 2021 07:36
 Operator : CG/JU
 Sample : M3892-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-822-N-SO-0-0.5-092221

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 10/4/2021 11:49:13 AM

Quant Time: Oct 04 03:37:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31907	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	146503	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	84069	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	165292	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	162964	0.40	ng	0.00
35) Perylene-d12	23.485	264	161541	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	22773	0.28	ng	0.02
5) Phenol-d6	6.831	99	24803	0.28	ng	0.00
8) Nitrobenzene-d5	8.784	82	29065	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	57936	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	12915	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	68107	0.20	ng	-0.01
27) Fluoranthene-d10	19.063	212	93430	0.21	ng	0.00
31) Terphenyl-d14	19.679	244	65307	0.18	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.332	154	29958	0.12	ng	100
18) Fluorene	15.322	166	31933m	0.11	ng	
25) Phenanthrene	17.066	178	638595	1.28	ng	100
26) Anthracene	17.151	178	135227	0.31	ng	# 94
28) Fluoranthene	19.098	202	1269839	2.36	ng	99
30) Pyrene	19.460	202	1051992	2.00	ng	# 93
32) Benzo(a)anthracene	21.217	228	628133	1.26	ng	99
33) Chrysene	21.270	228	592905	1.17	ng	97
34) Bis(2-ethylhexyl)phtha...	21.164	149	41038	0.21	ng	99
36) Indeno(1,2,3-cd)pyrene	25.761	276	292523	0.51	ng	99
37) Benzo(b)fluoranthene	22.810	252	794757	1.53	ng	98
38) Benzo(k)fluoranthene	22.851	252	308454m	0.60	ng	
39) Benzo(a)pyrene	23.385	252	521961	1.13	ng	98
40) Dibenzo(a,h)anthracene	25.781	278	78348	0.17	ng	# 84
41) Benzo(g,h,i)perylene	26.459	276	266179	0.52	ng	98

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

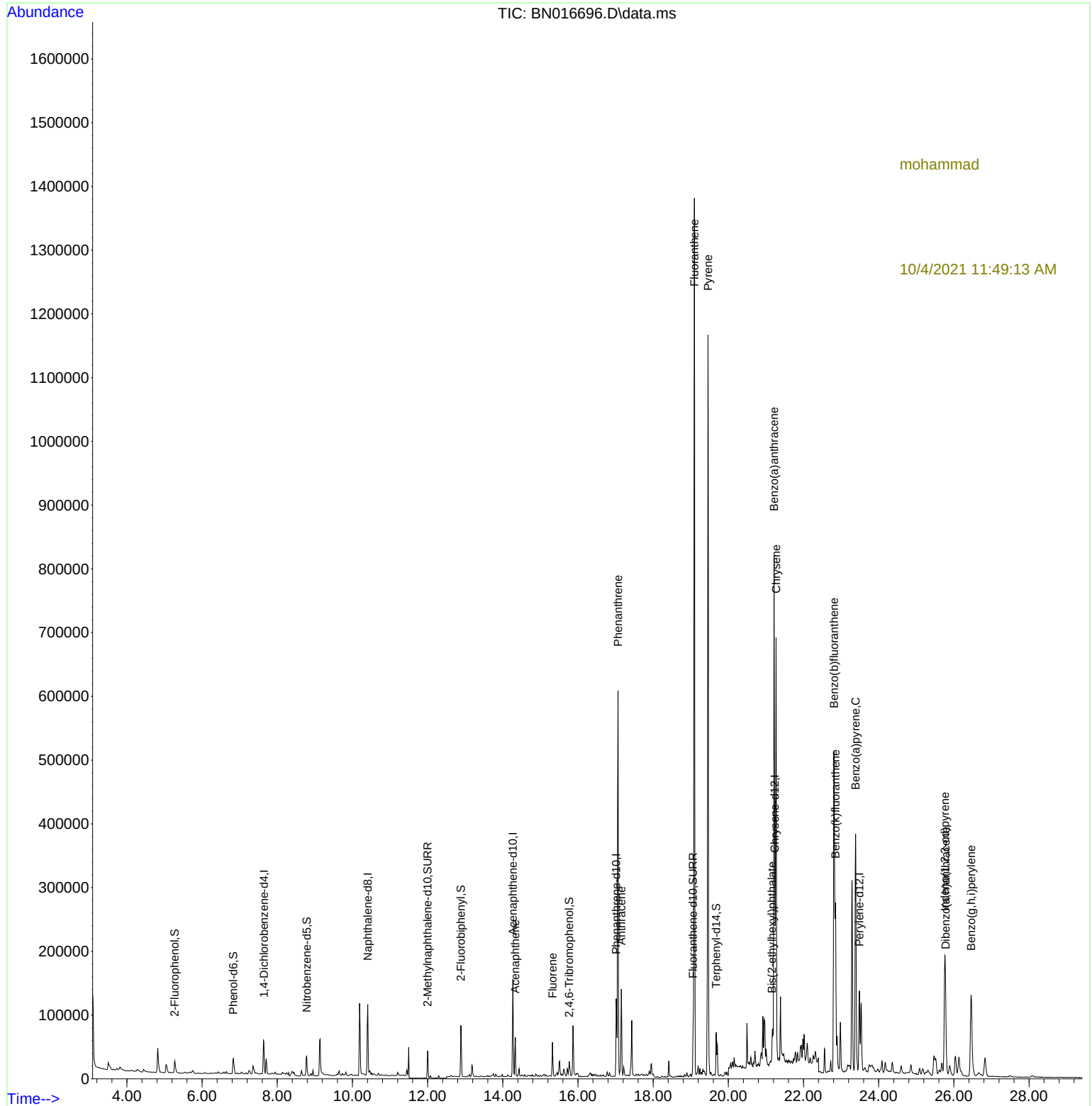
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016696.D
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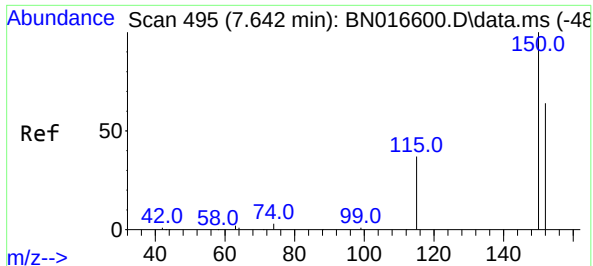
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Quant Time: Oct 04 03:37:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

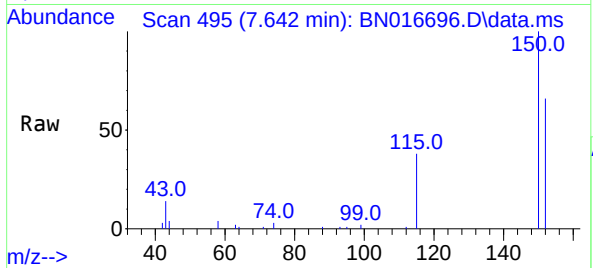


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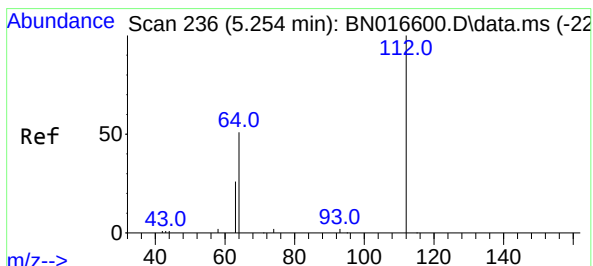
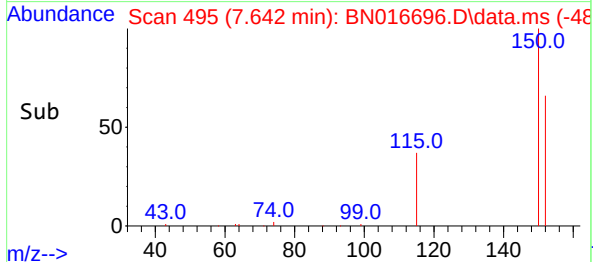
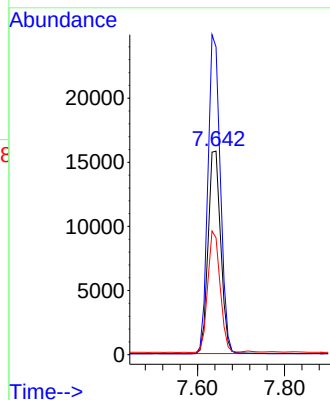
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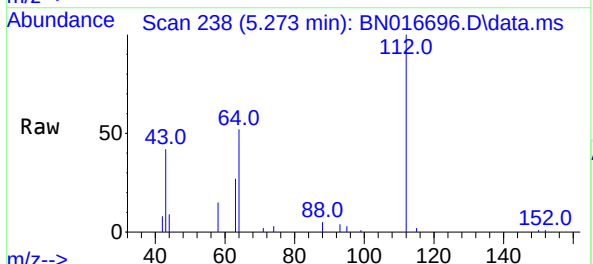
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1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36



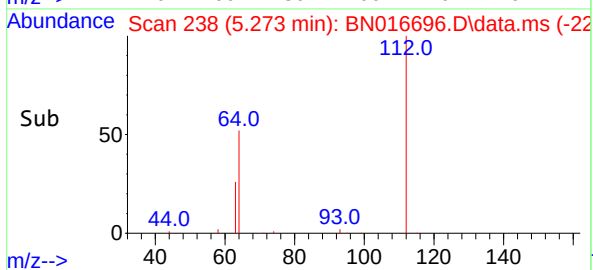
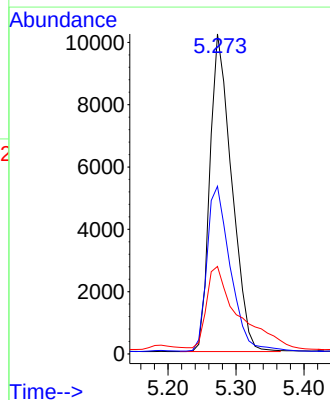
Tgt Ion:152 Resp: 31907
Ion Ratio Lower Upper
152 100
150 151.2 124.6 186.8
115 57.4 46.5 69.7



#4
2-Fluorophenol
Concen: 0.28 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36



Tgt Ion:112 Resp: 22773
Ion Ratio Lower Upper
112 100
64 55.4 43.1 64.7
63 35.8 21.6 32.4#



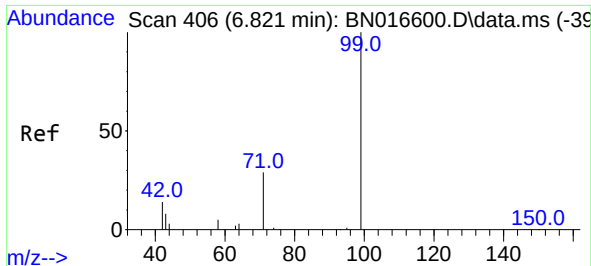
Instrument :
BNA_N
ClientSampleId :
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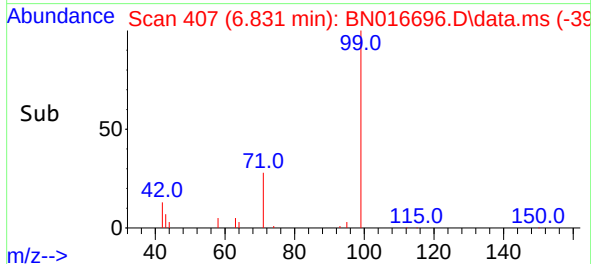
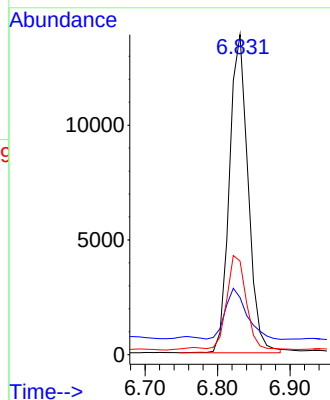
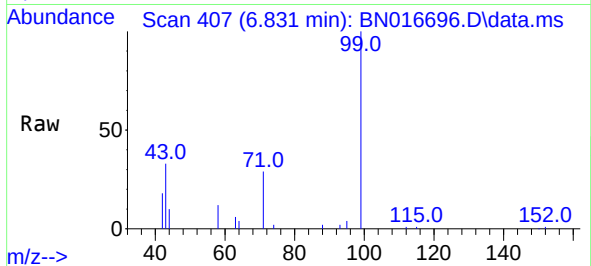
#5
Phenol-d6
Concen: 0.28 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

Tgt Ion: 99 Resp: 24803
Ion Ratio Lower Upper
99 100
42 18.4 13.0 19.6
71 30.0 23.5 35.3

Instrument :
BNA_N
ClientSampleId :
S-822-N-SO-0-0.5-092221

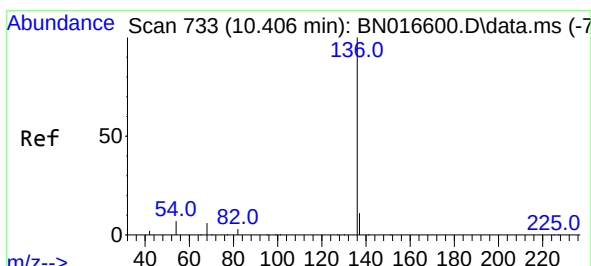
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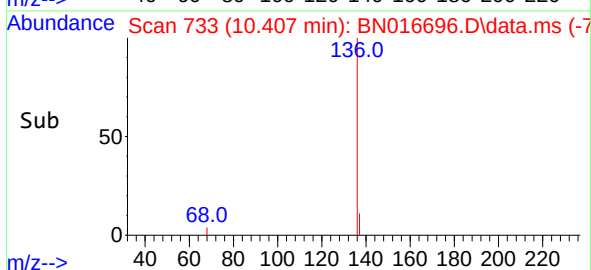
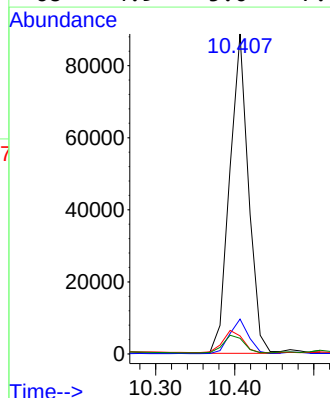
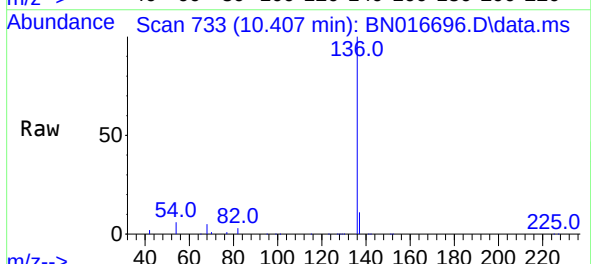
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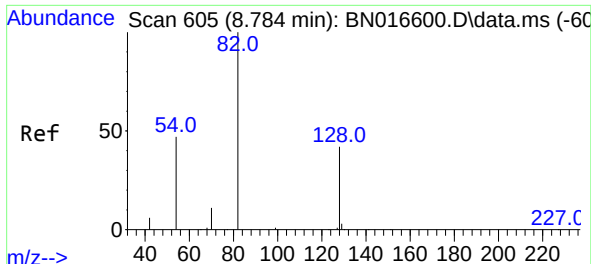
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#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

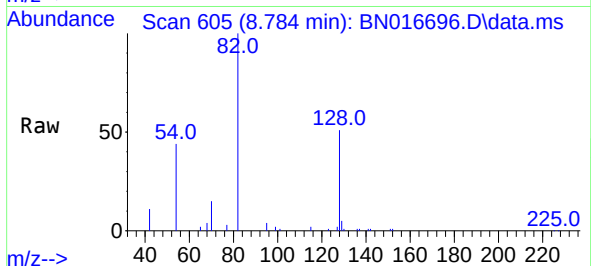
Tgt Ion:136 Resp: 146503
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 5.6 5.9 8.9#
68 4.9 5.0 7.6#





#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

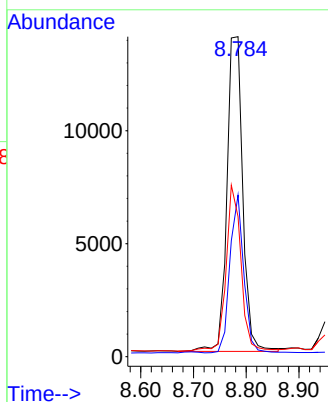
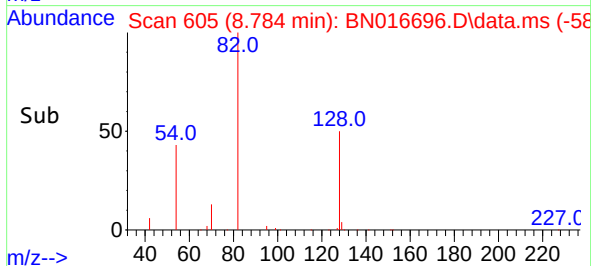
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 29065
Ion Ratio Lower Upper
82 100
128 50.5 33.6 50.4#
54 43.7 37.6 56.4

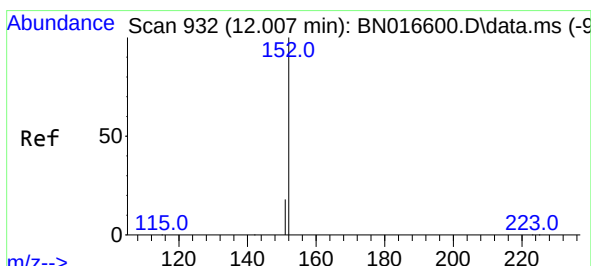
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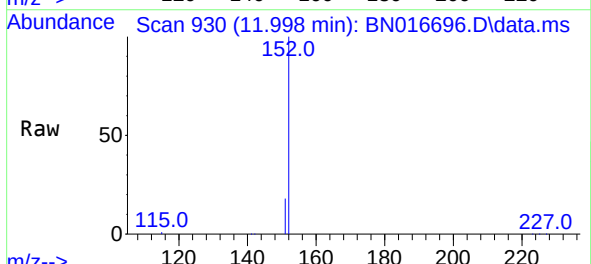


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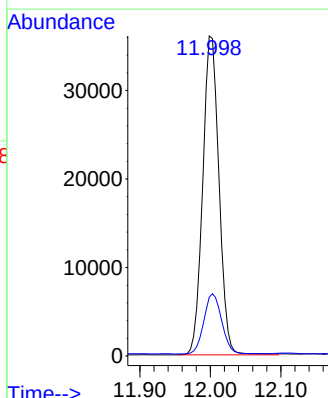
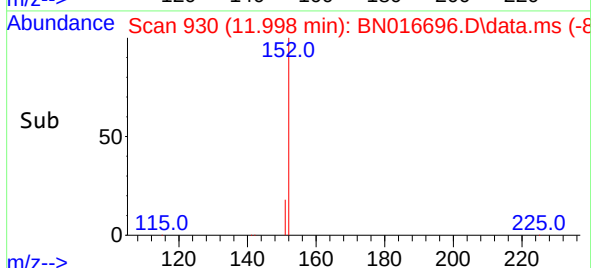
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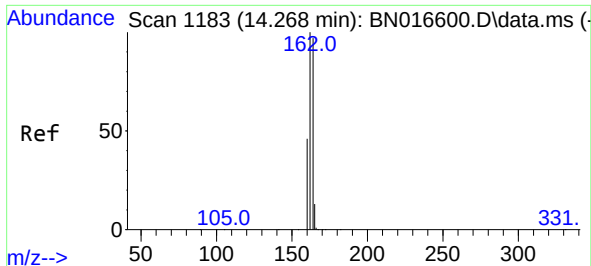


#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 11.998 min Scan# 930
Delta R.T. -0.009 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

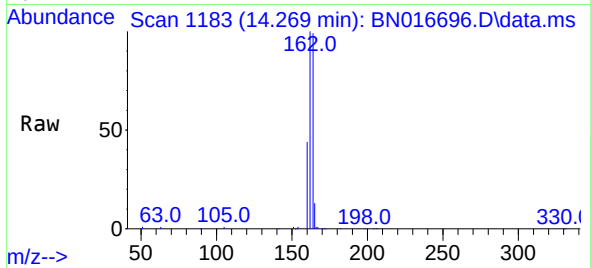


Tgt Ion: 152 Resp: 57936
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4

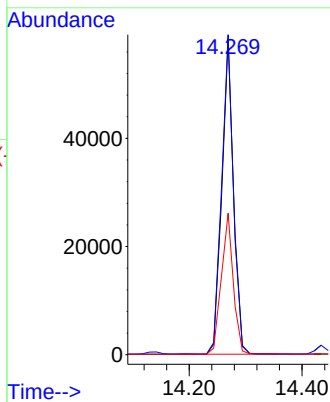
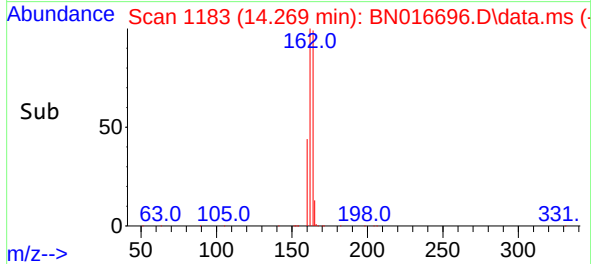




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36



Tgt Ion:164 Resp: 84069
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 44.8 37.7 56.5



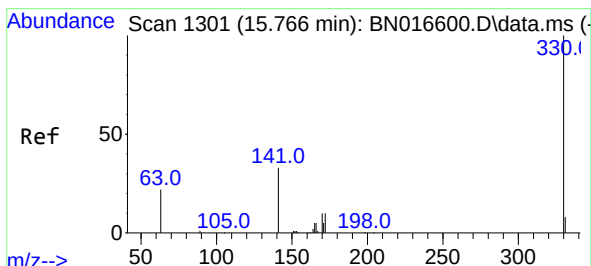
Instrument :
BNA_N
ClientSampleId :
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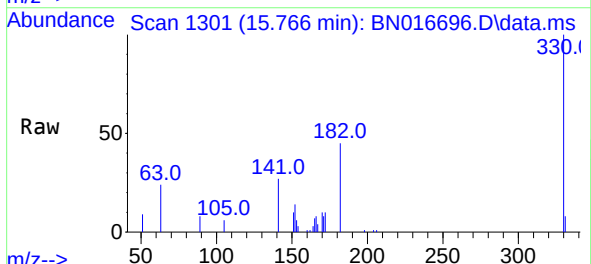
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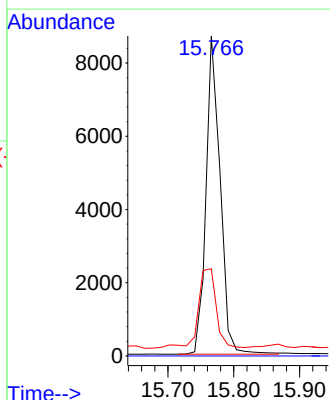
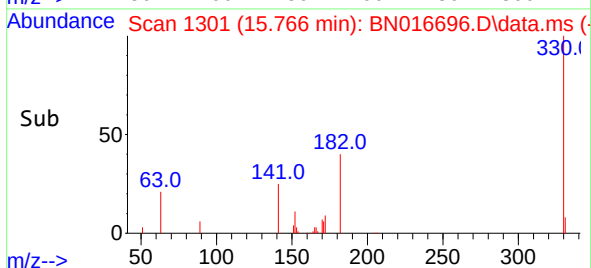
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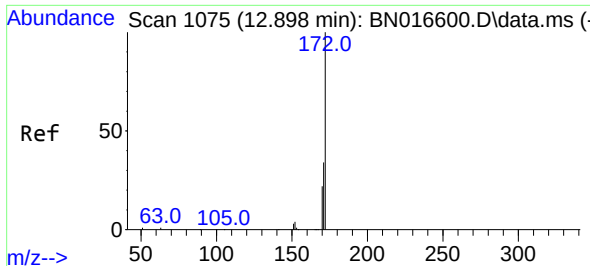


#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36



Tgt Ion:330 Resp: 12915
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.7 25.2 37.8





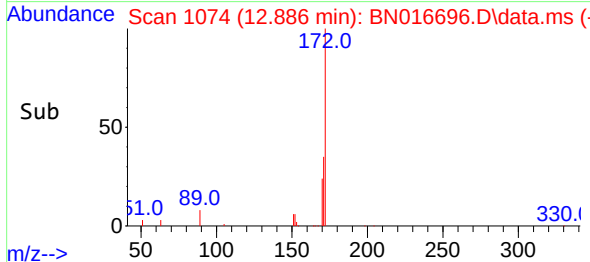
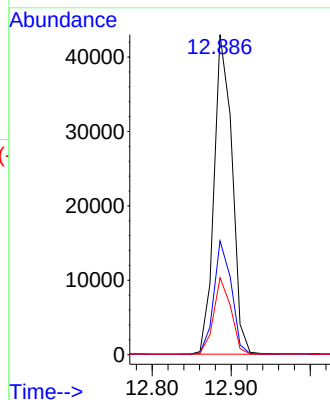
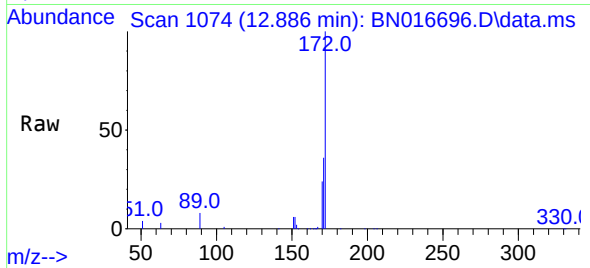
#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

Tgt Ion:	172	Resp:	68107
Ion Ratio	Lower	Upper	
172	100		
171	35.5	27.0	40.4
170	24.1	17.4	26.2

Instrument :
BNA_N
ClientSampleId :
S-822-N-SO-0-0.5-092221

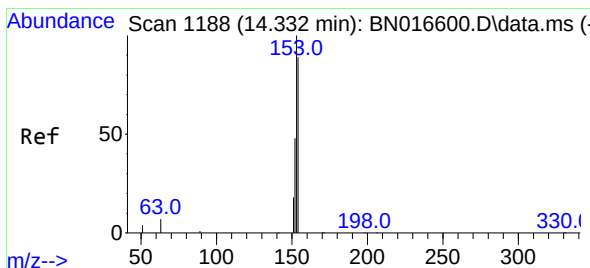
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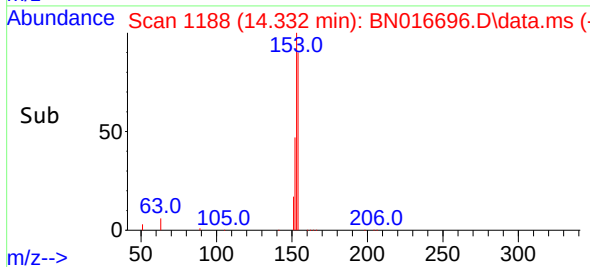
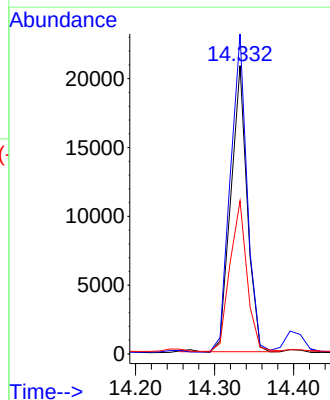
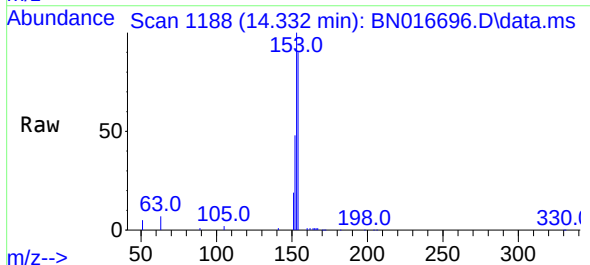
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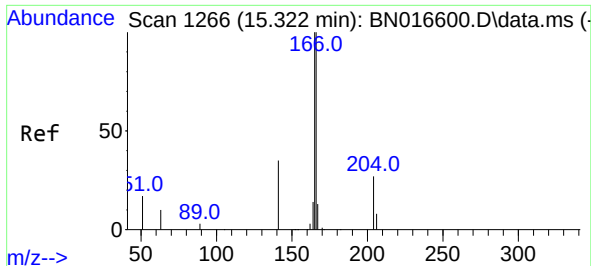
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#17
Acenaphthene
Concen: 0.12 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

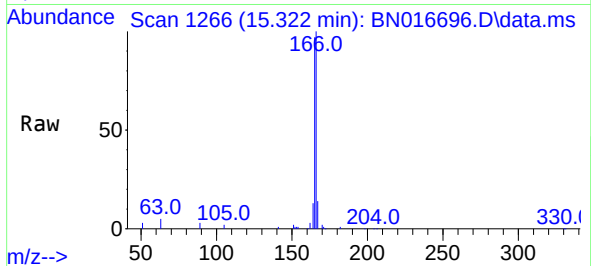
Tgt Ion:	154	Resp:	29958
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.2	135.2
152	54.7	44.0	66.0





#18
Fluorene
Concen: 0.11 ng m
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

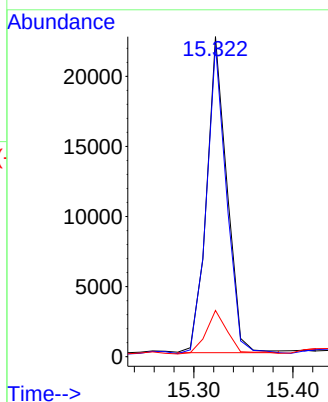
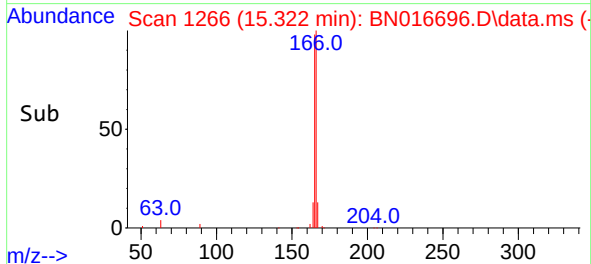
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Tgt Ion:166 Resp: 31933
Ion Ratio Lower Upper
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165 99.6 77.9 116.9
167 14.9 10.7 16.1

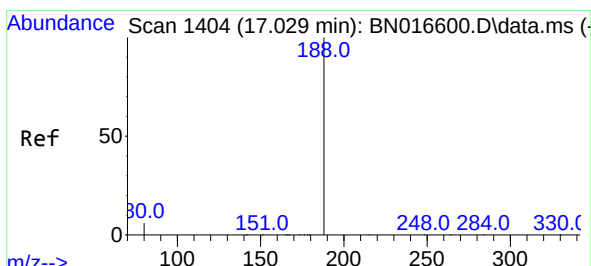
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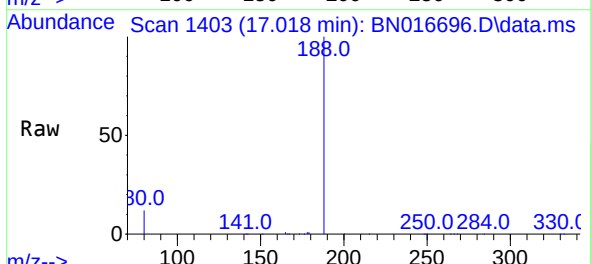


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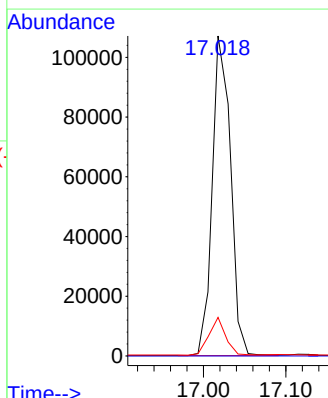
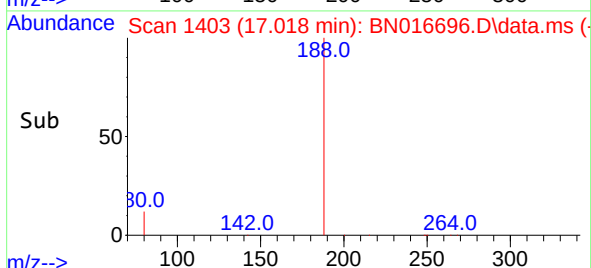
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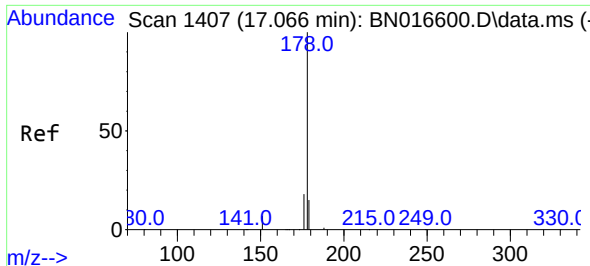


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

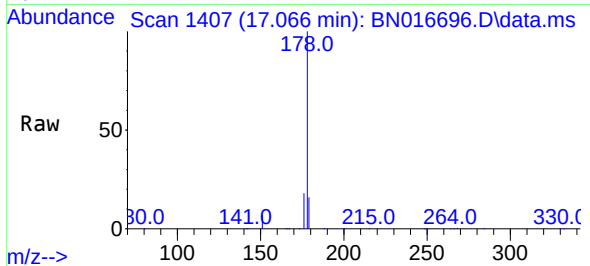


Tgt Ion:188 Resp: 165292
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 5.0 7.6#

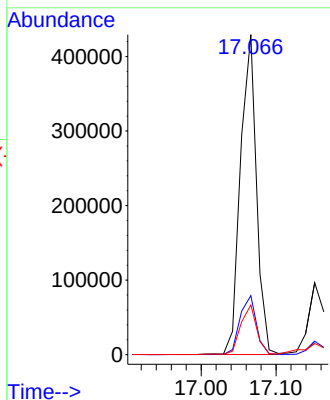
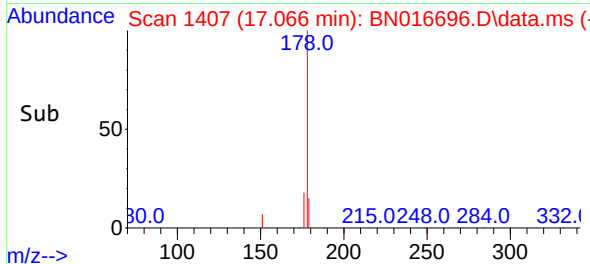




#25
Phenanthrene
Concen: 1.28 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36



Tgt Ion:178 Resp: 638595
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4



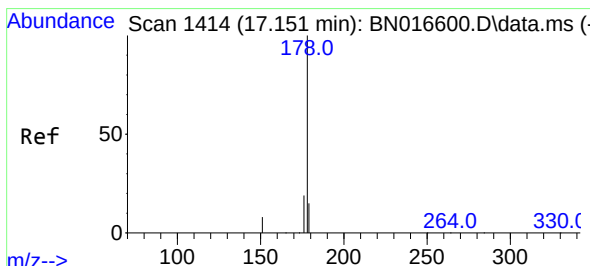
Instrument :
BNA_N
ClientSampleId :
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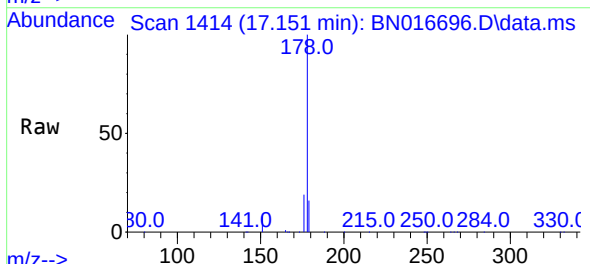
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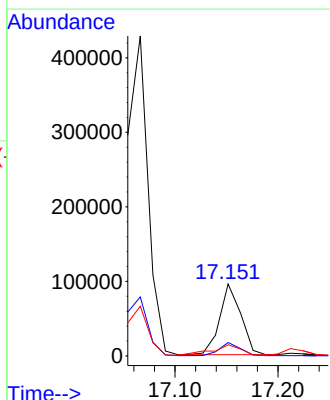
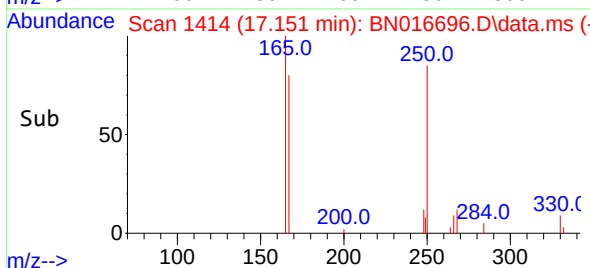
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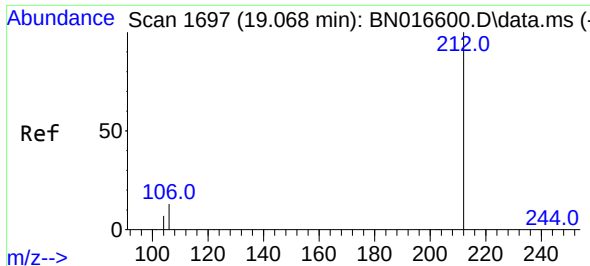


#26
Anthracene
Concen: 0.31 ng
RT: 17.151 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

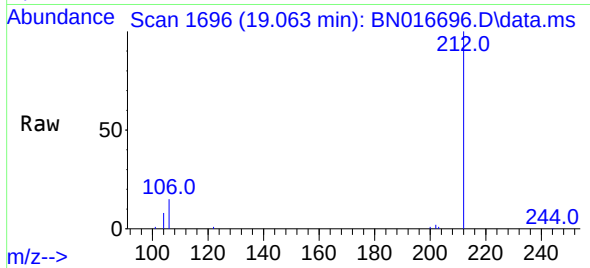


Tgt Ion:178 Resp: 135227
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 20.8 12.2 18.4#

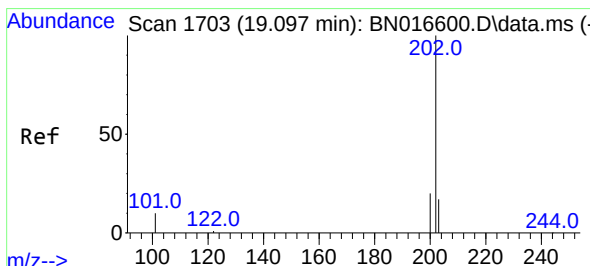
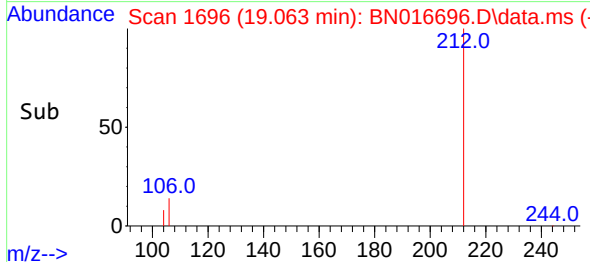
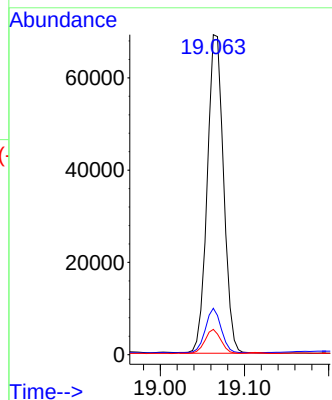




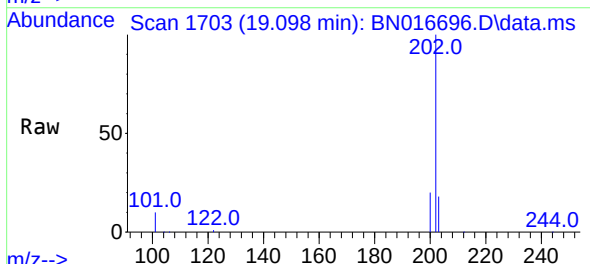
#27
Fluoranthene-d10
Concen: 0.21 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36



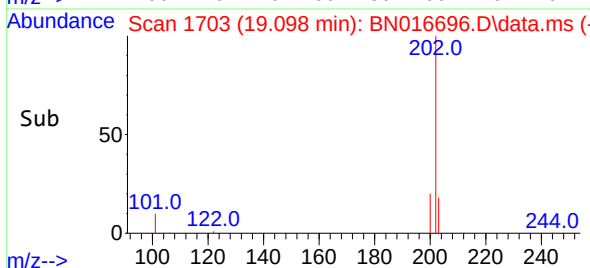
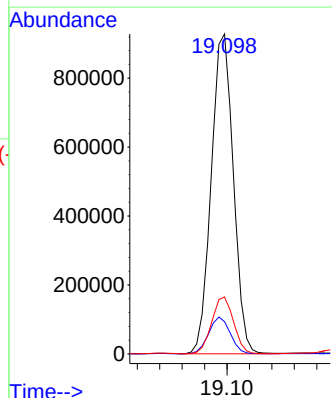
Tgt Ion:212 Resp: 93430
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.4 5.9 8.9



#28
Fluoranthene
Concen: 2.36 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36



Tgt Ion:202 Resp: 1269839
Ion Ratio Lower Upper
202 100
101 11.2 9.0 13.4
203 17.5 13.8 20.6



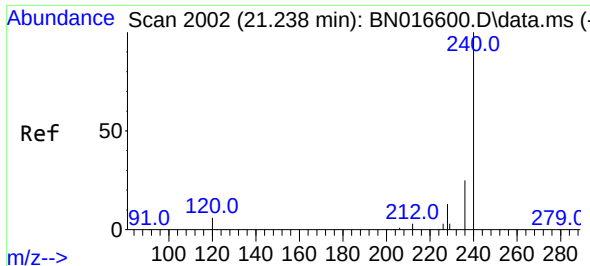
Instrument :
BNA_N
ClientSampleId :
S-822-N-SO-0-0.5-092221

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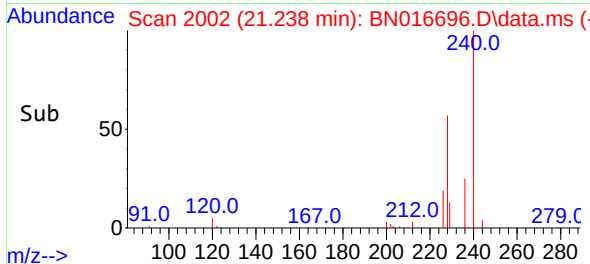
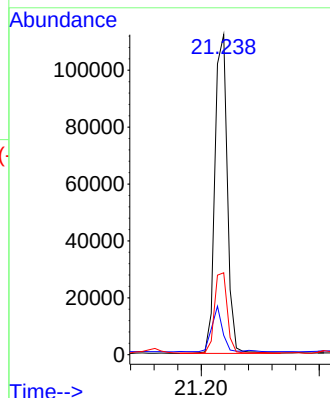
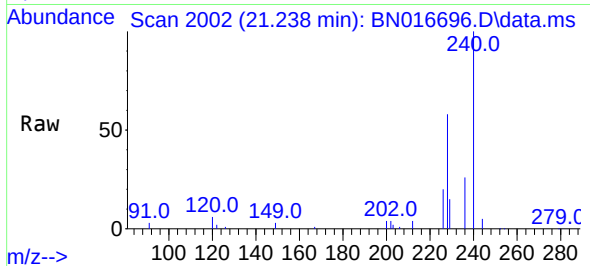
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

Tgt Ion:240 Resp: 162964
Ion Ratio Lower Upper
240 100
120 6.1 5.0 7.4
236 25.6 20.4 30.6

Instrument :
BNA_N
ClientSampleId :
S-822-N-SO-0-0.5-092221

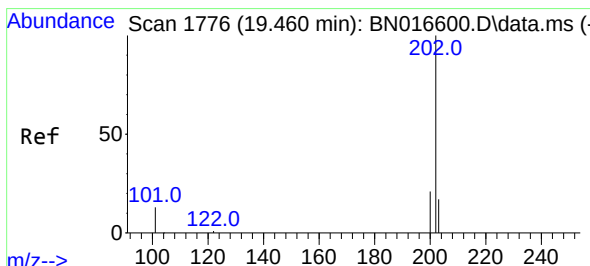
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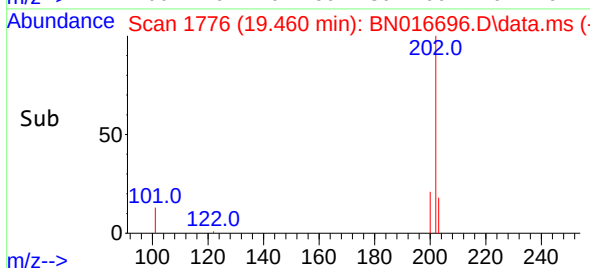
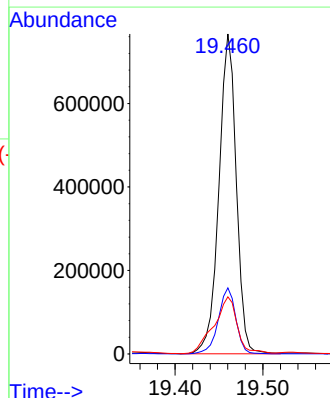
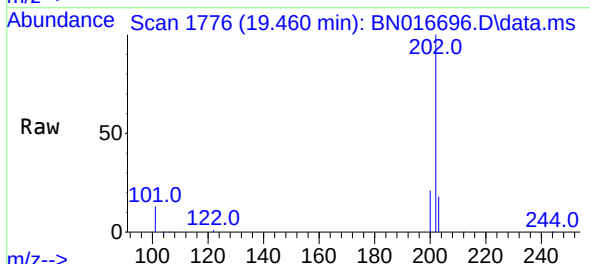
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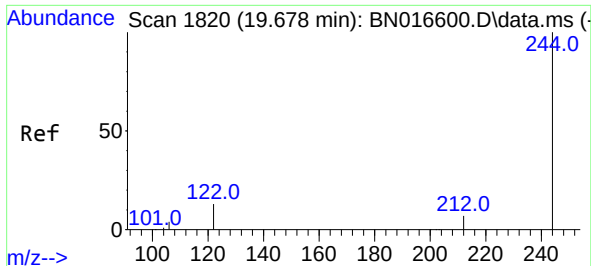
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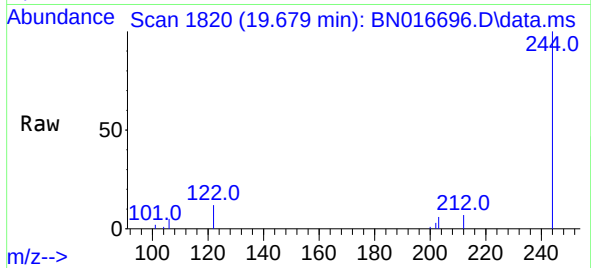
#30
Pyrene
Concen: 2.00 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

Tgt Ion:202 Resp: 1051992
Ion Ratio Lower Upper
202 100
200 20.8 16.5 24.7
203 23.7 14.0 21.0#

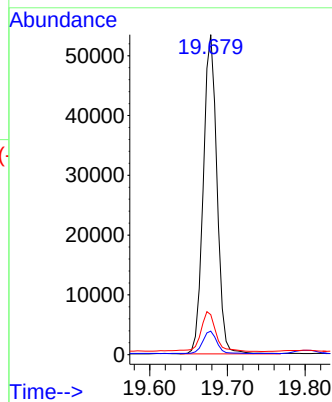
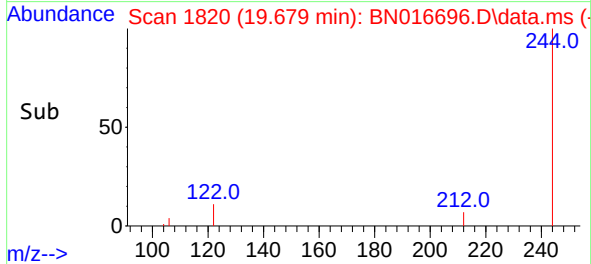




#31
Terphenyl-d14
Concen: 0.18 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36



Tgt Ion:244 Resp: 65307
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.5 10.1 15.1



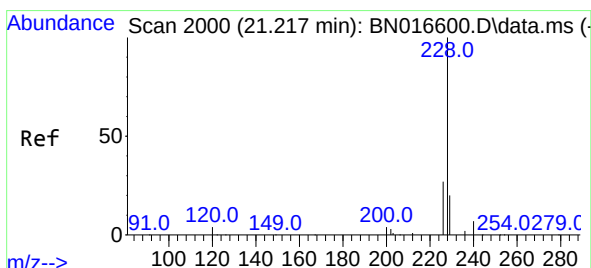
Instrument :
BNA_N
ClientSampleId :
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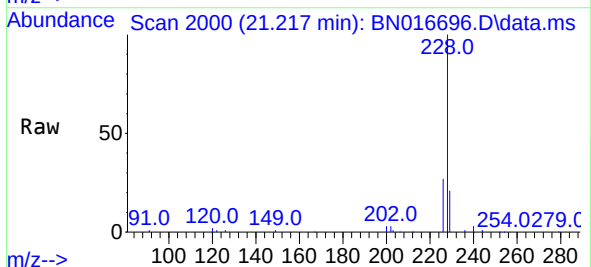
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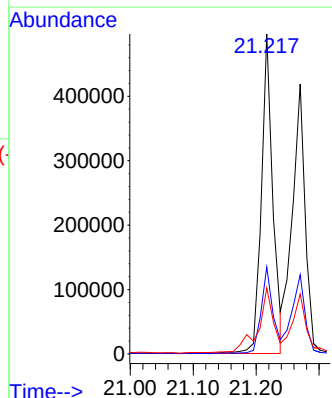
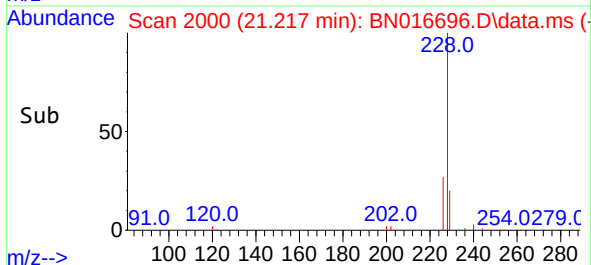
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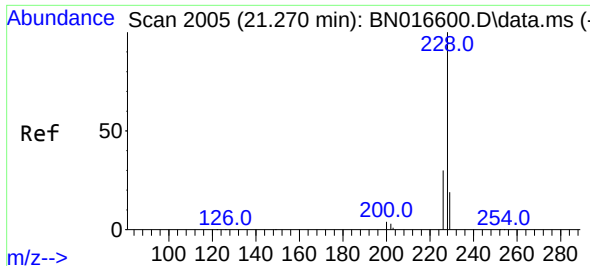


#32
Benzo(a)anthracene
Concen: 1.26 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36



Tgt Ion:228 Resp: 628133
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 20.7 15.7 23.5





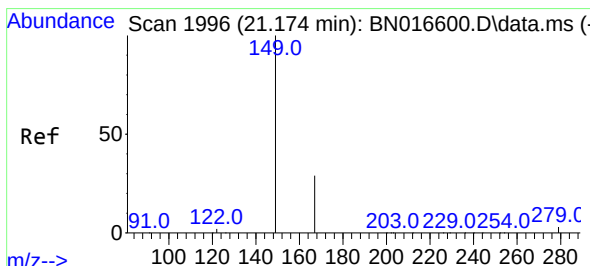
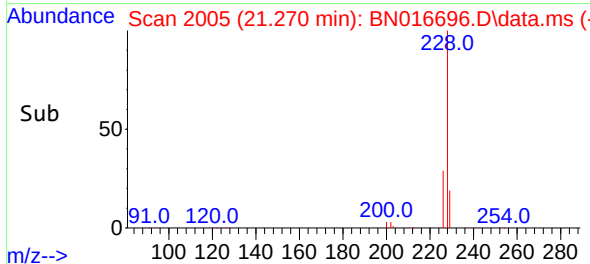
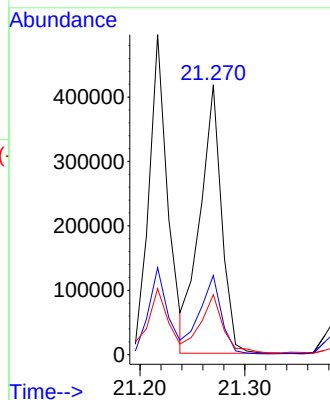
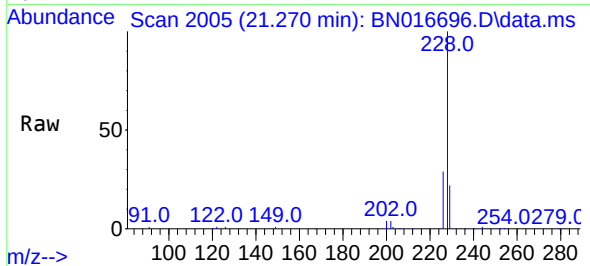
#33
Chrysene
Concen: 1.17 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

Tgt Ion:228 Resp: 592905
Ion Ratio Lower Upper
228 100
226 29.4 23.7 35.5
229 22.2 15.5 23.3

Instrument :
BNA_N
ClientSampleId :
S-822-N-SO-0-0.5-092221

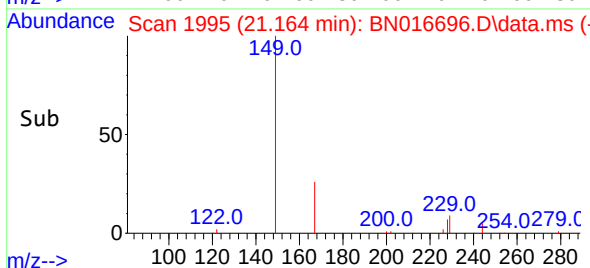
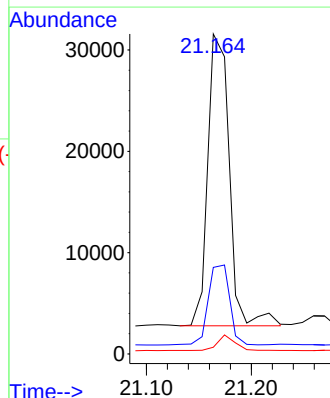
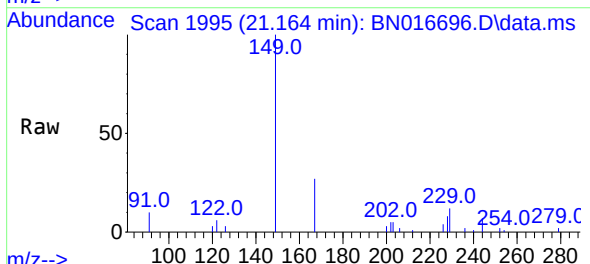
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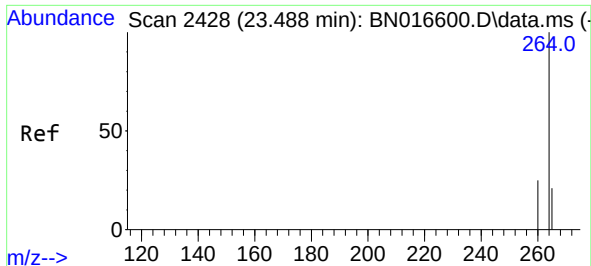
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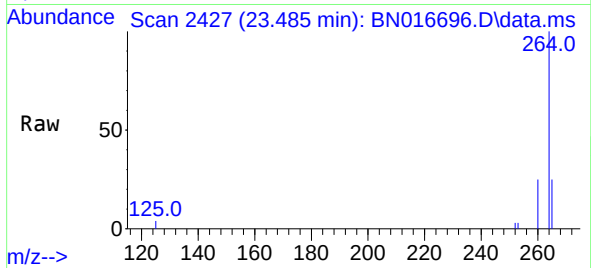
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

Tgt Ion:149 Resp: 41038
Ion Ratio Lower Upper
149 100
167 27.3 22.2 33.4
279 4.5 3.2 4.8

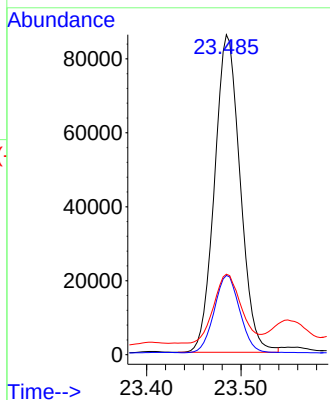




#35
Perylene-d12
Concen: 0.40 ng
RT: 23.485 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36



Tgt Ion:264 Resp: 161541
Ion Ratio Lower Upper
264 100
260 24.7 19.9 29.9
265 25.1 19.2 28.8



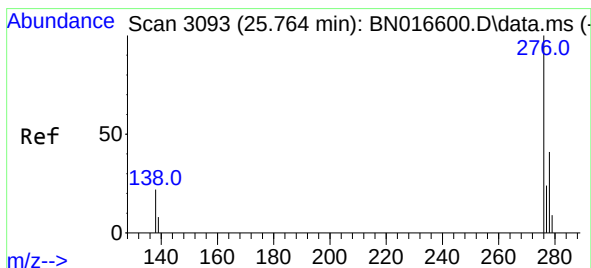
Instrument :
BNA_N
ClientSampleId :
S-822-N-SO-0-0.5-092221

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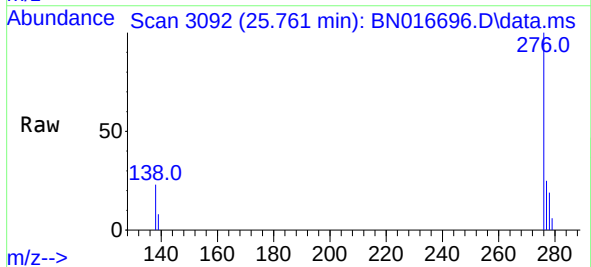
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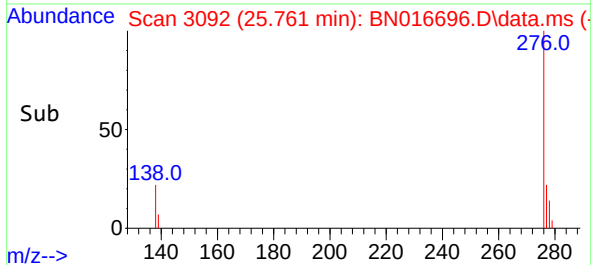
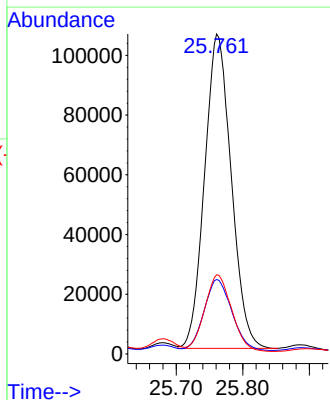
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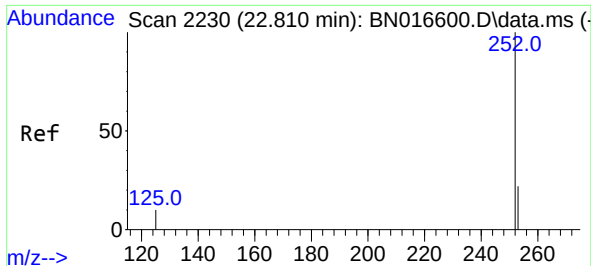


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.51 ng
RT: 25.761 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36



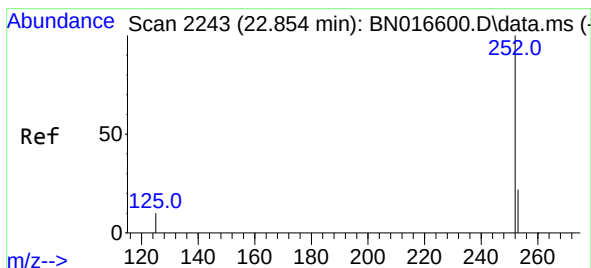
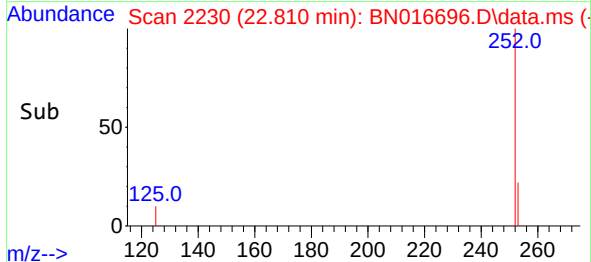
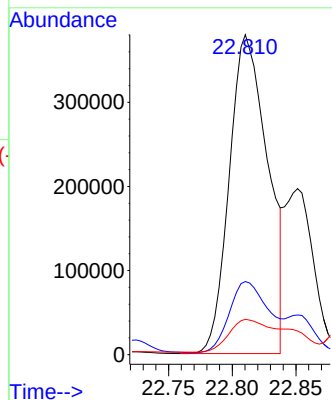
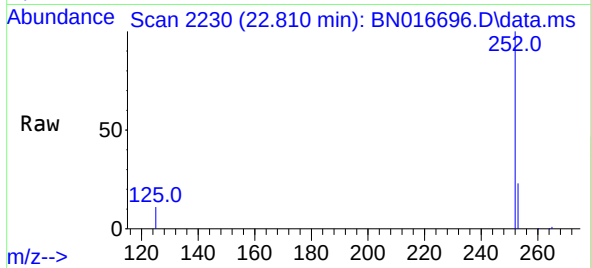
Tgt Ion:276 Resp: 292523
Ion Ratio Lower Upper
276 100
138 23.6 19.5 29.3
277 24.7 19.9 29.9





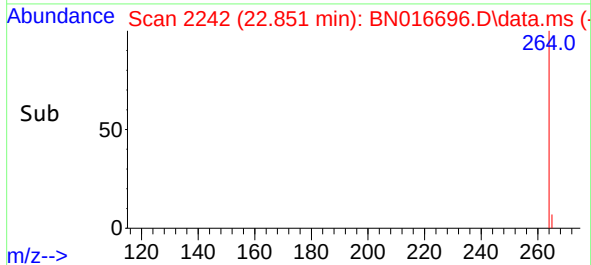
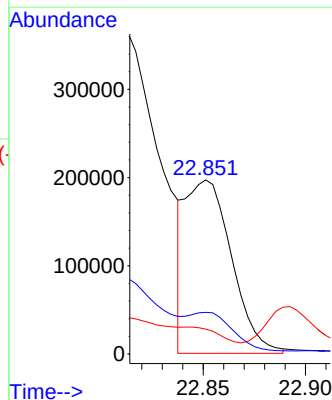
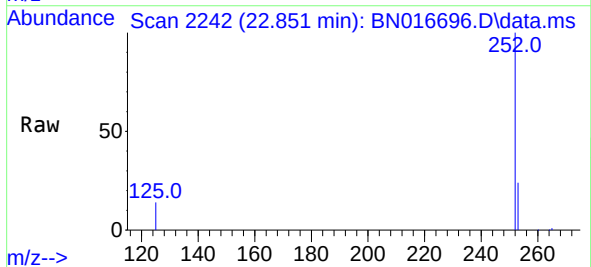
#37
Benzo(b)fluoranthene
Concen: 1.53 ng
RT: 22.810 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

Tgt Ion:252 Resp: 794757
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.0 8.0 12.0



#38
Benzo(k)fluoranthene
Concen: 0.60 ng m
RT: 22.851 min Scan# 2242
Delta R.T. -0.003 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

Tgt Ion:252 Resp: 308454
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 14.3 8.0 12.0#



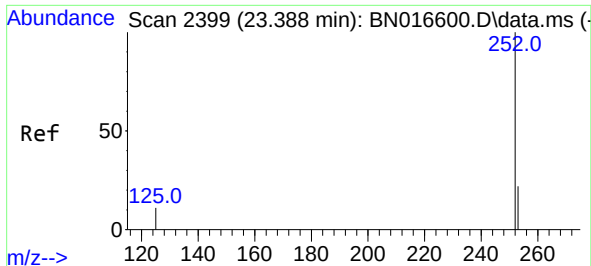
Instrument :
BNA_N
ClientSampleId :
S-822-N-SO-0-0.5-092221

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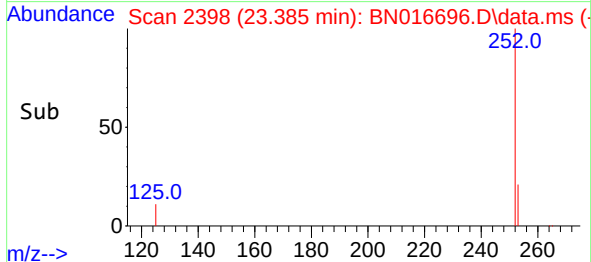
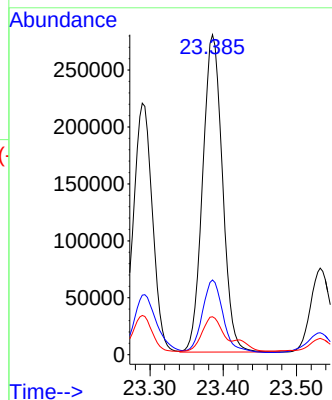
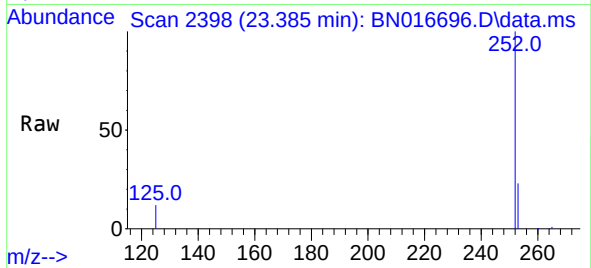
#39
Benzo(a)pyrene
Concen: 1.13 ng
RT: 23.385 min Scan# 2398
Delta R.T. -0.003 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

Tgt Ion:	252	Resp:	521961
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	11.9	9.0	13.4

Instrument :
BNA_N
ClientSampleId :
S-822-N-SO-0-0.5-092221

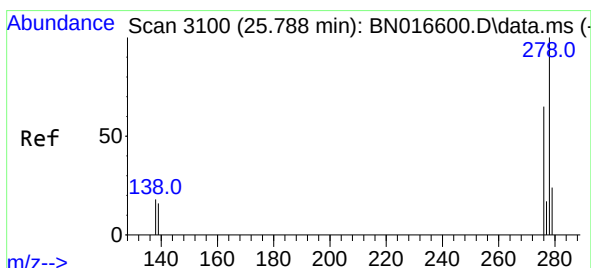
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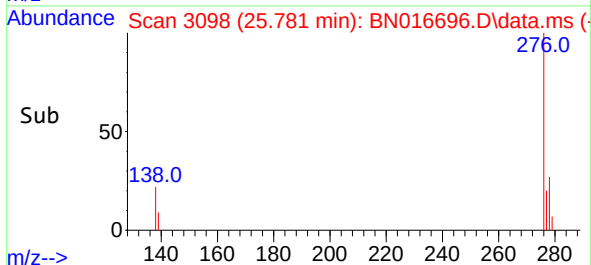
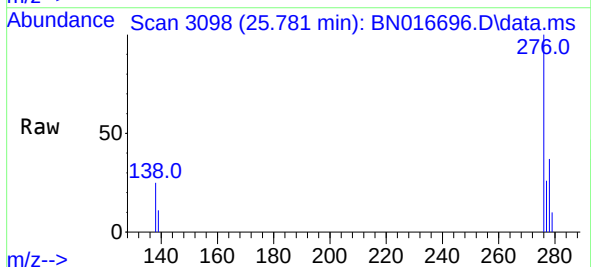
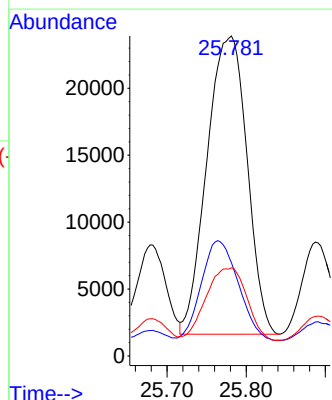
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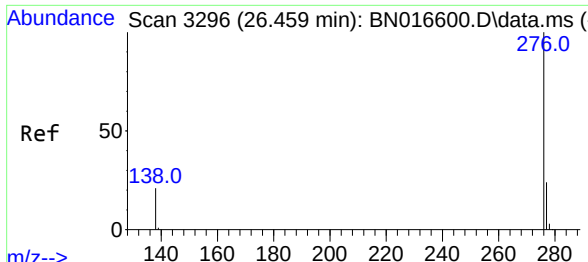
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#40
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 25.781 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BN016696.D
Acq: 03 Oct 2021 07:36

Tgt Ion:	278	Resp:	78348
Ion Ratio	Lower	Upper	
278	100		
139	29.1	13.1	19.7#
279	27.5	19.1	28.7





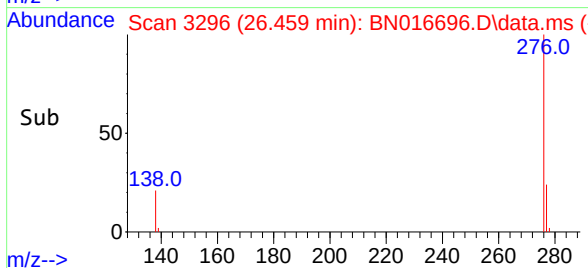
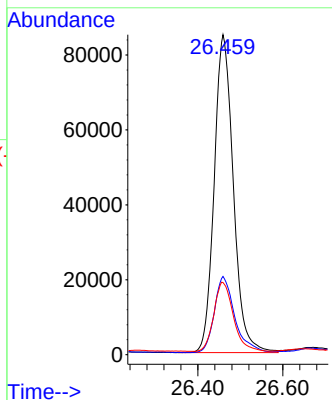
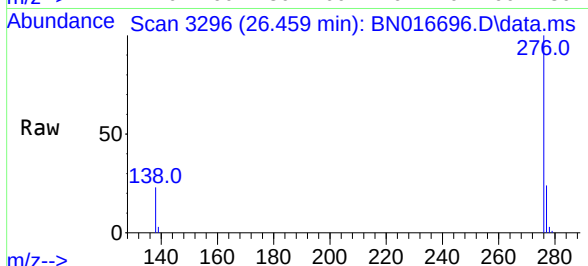
#41
 Benzo(g,h,i)perylene
 Concen: 0.52 ng
 RT: 26.459 min Scan# 3296
 Delta R.T. 0.000 min
 Lab File: BN016696.D
 Acq: 03 Oct 2021 07:36

Tgt Ion:	276	Resp:	266179
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.0	28.6
138	22.5	16.9	25.3

Instrument :
 BNA_N
 ClientSampleId :
 S-822-N-SO-0-0.5-092221

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