

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016700.D
 Acq On : 03 Oct 2021 10:00
 Operator : CG/JU
 Sample : M3892-11
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-825-N-SO-0-0.5-092221

Manual Integrations
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mohammad
 10/4/2021 11:49:29 AM

Quant Time: Oct 04 03:38:03 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	26167	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	122479	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	71330	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	140143	0.40	ng	# 0.00
29) Chrysene-d12	21.238	240	135529	0.40	ng	# 0.00
35) Perylene-d12	23.498	264	96623	0.40	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	24454	0.37	ng	0.02
5) Phenol-d6	6.831	99	24801	0.34	ng	0.00
8) Nitrobenzene-d5	8.784	82	32000	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	63443	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	15106	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	76208	0.26	ng	-0.01
27) Fluoranthene-d10	19.068	212	107033	0.29	ng	0.00
31) Terphenyl-d14	19.678	244	87912	0.30	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.457	128	197561	0.59	ng	100
12) 2-Methylnaphthalene	12.078	142	79474	0.37	ng	99
16) Acenaphthylene	13.989	152	740413	2.37	ng	99
17) Acenaphthene	14.332	154	53888	0.26	ng	97
18) Fluorene	15.322	166	82261	0.33	ng	# 97
25) Phenanthrene	17.066	178	1732863	4.11	ng	100
26) Anthracene	17.151	178	742313	2.04	ng	97
28) Fluoranthene	19.103	202	4820388	10.59	ng	98
30) Pyrene	19.465	202	3950628	9.01	ng	# 94
32) Benzo(a)anthracene	21.227	228	2356504	5.66	ng	95
33) Chrysene	21.280	228	2671788	6.34	ng	98
34) Bis(2-ethylhexyl)phtha...	21.174	149	132281	0.80	ng	# 93
36) Indeno(1,2,3-cd)pyrene	25.778	276	593104	1.72	ng	97
37) Benzo(b)fluoranthene	22.827	252	3107183	10.01	ng	98
38) Benzo(k)fluoranthene	22.865	252	1010513m	3.29	ng	
39) Benzo(a)pyrene	23.399	252	1276893	4.62	ng	98
40) Dibenzo(a,h)anthracene	25.795	278	164455	0.59	ng	# 89
41) Benzo(g,h,i)perylene	26.483	276	445713	1.46	ng	99

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

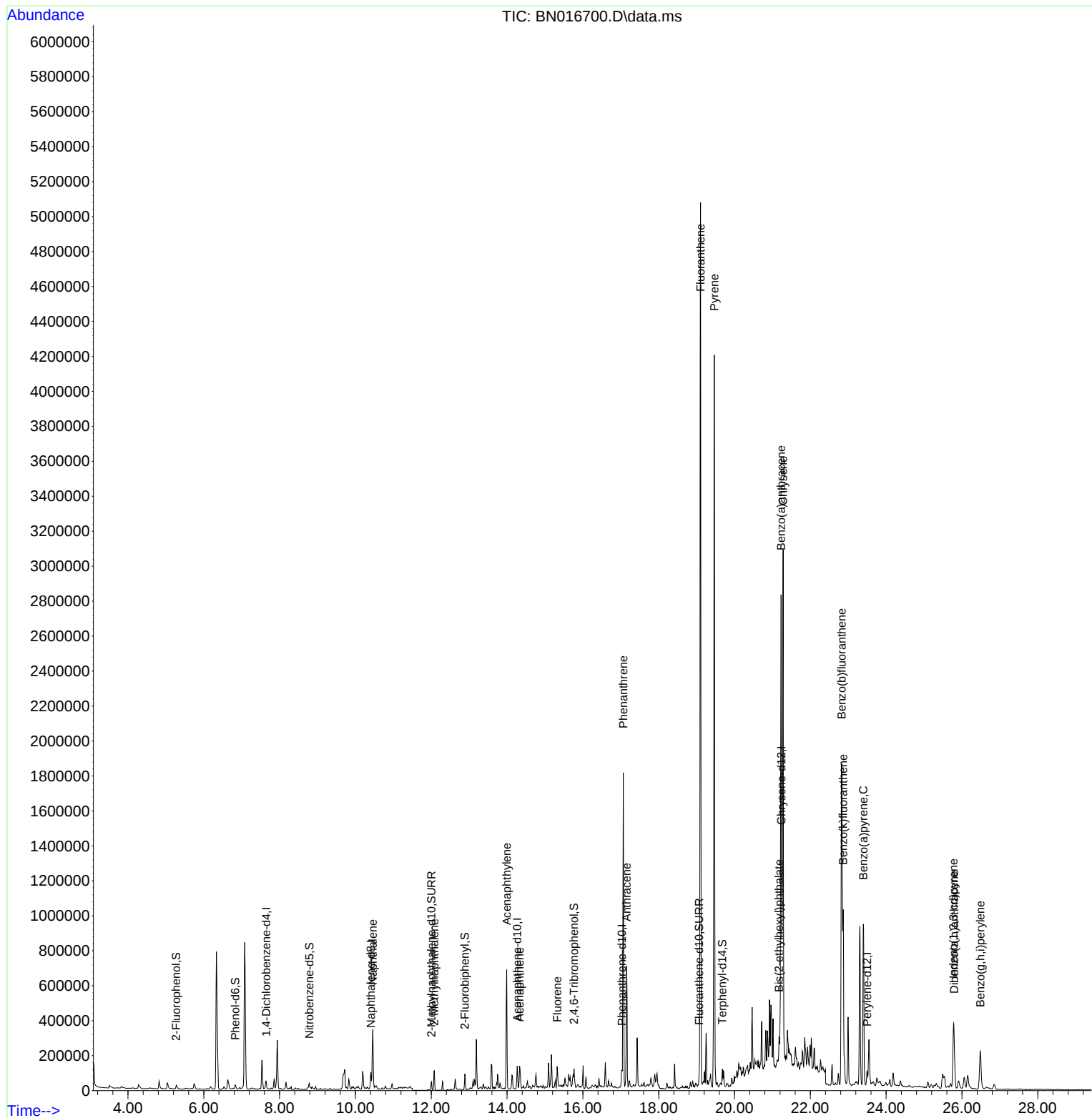
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016700.D
Acq On : 03 Oct 2021 10:00
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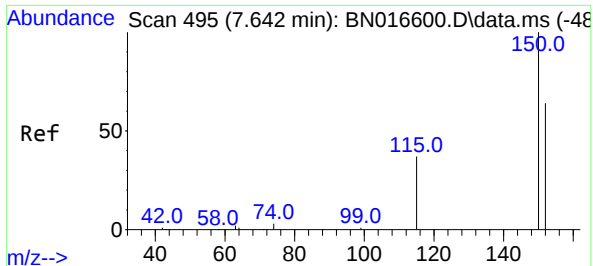
Instrument :
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ClientSampleId :
S-825-N-SO-0-0.5-092221

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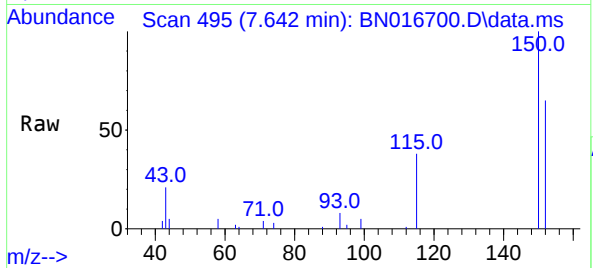
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Quant Time: Oct 04 03:38:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

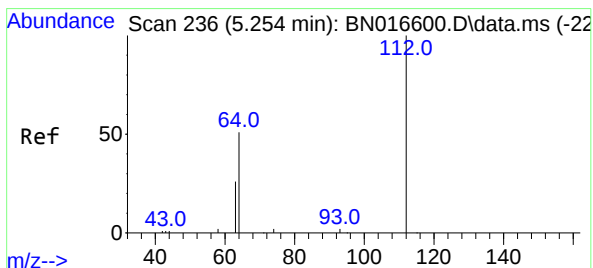
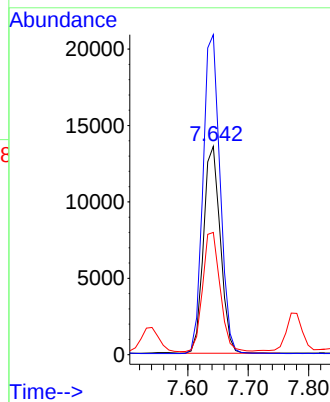
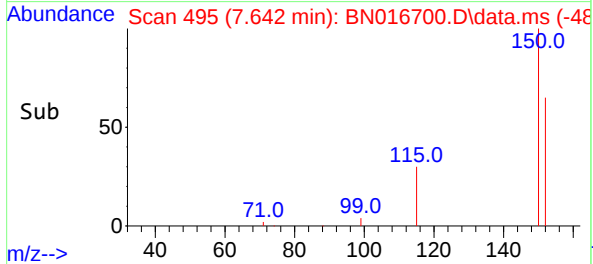




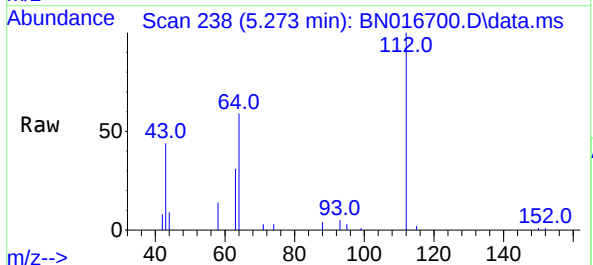
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



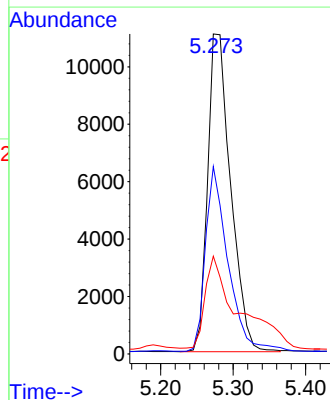
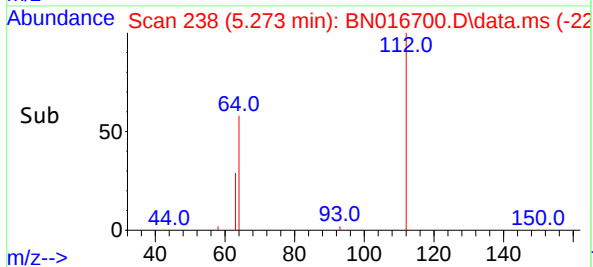
Tgt Ion:152 Resp: 26167
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 58.7 46.5 69.7



#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



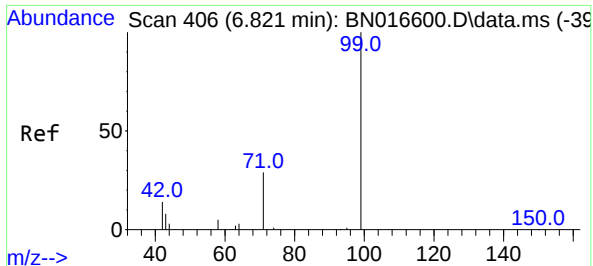
Tgt Ion:112 Resp: 24454
Ion Ratio Lower Upper
112 100
64 56.6 43.1 64.7
63 40.8 21.6 32.4#



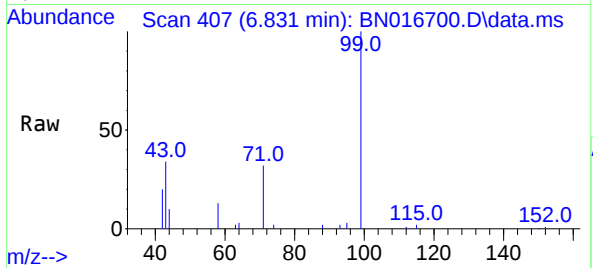
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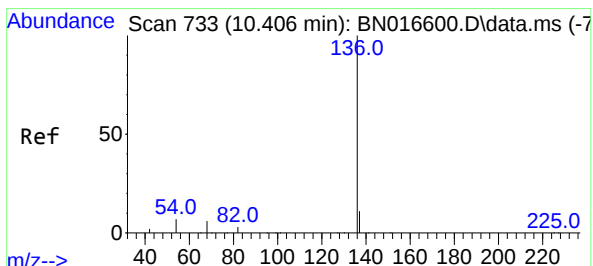
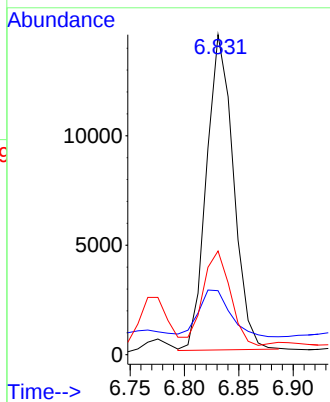
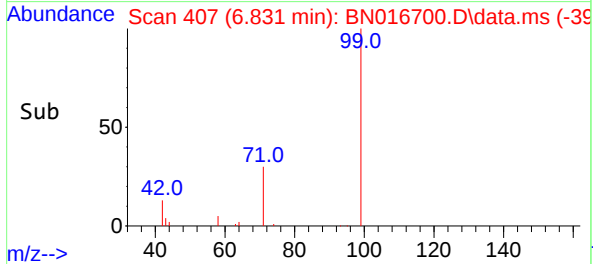
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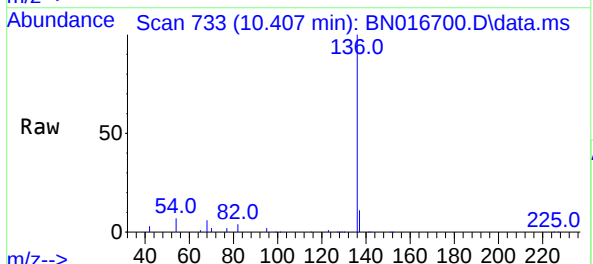
#5
Phenol-d6
Concen: 0.34 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



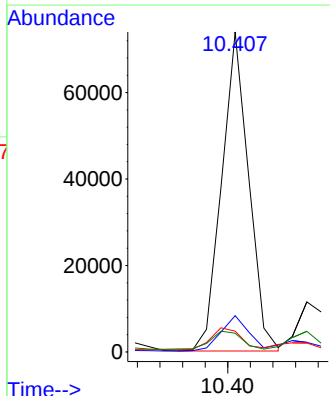
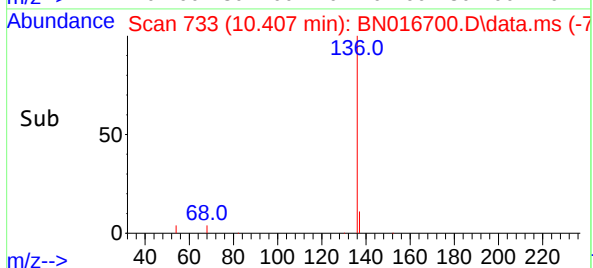
Tgt Ion: 99 Resp: 24801
Ion Ratio Lower Upper
99 100
42 17.3 13.0 19.6
71 30.7 23.5 35.3



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



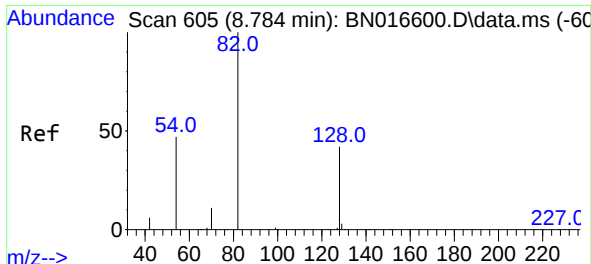
Tgt Ion: 136 Resp: 122479
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 6.5 5.9 8.9
68 5.9 5.0 7.6



Instrument :
BNA_N
ClientSampleId :
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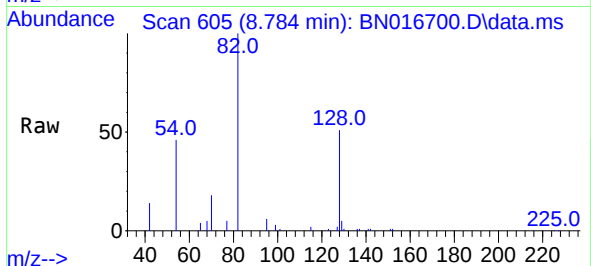
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#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

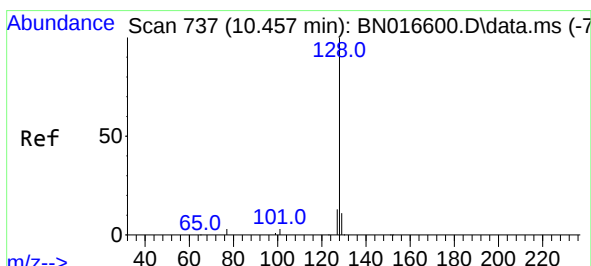
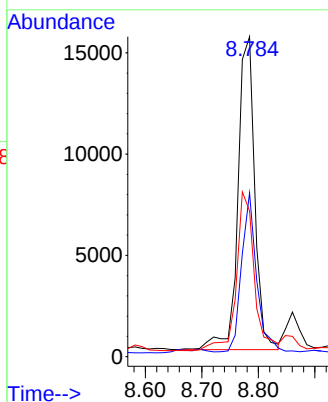
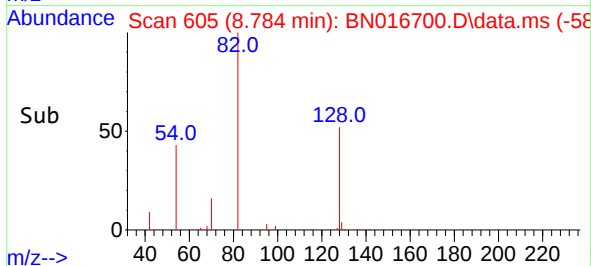
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ClientSampleId :
S-825-N-SO-0-0.5-092221



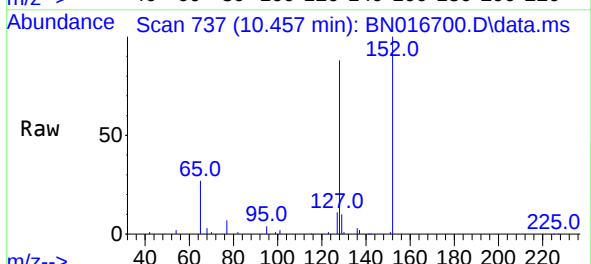
Tgt Ion: 82 Resp: 32000
Ion Ratio Lower Upper
82 100
128 51.2 33.6 50.4#
54 45.6 37.6 56.4

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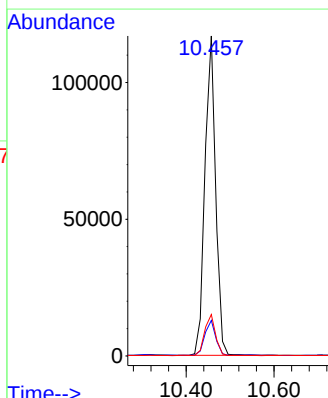
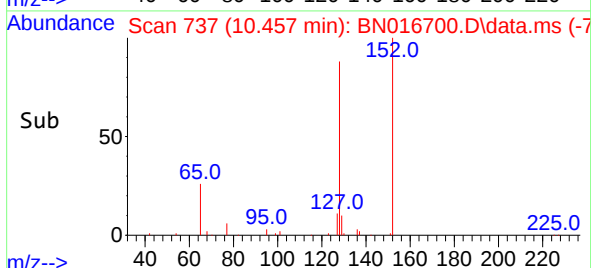
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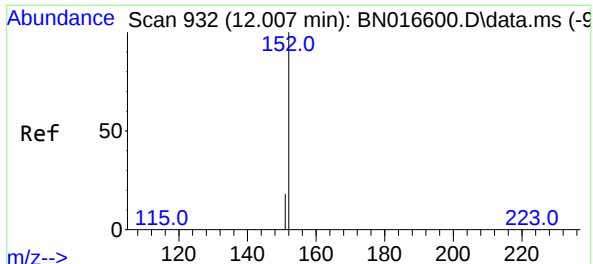


#9
Naphthalene
Concen: 0.59 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



Tgt Ion: 128 Resp: 197561
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.3 15.5





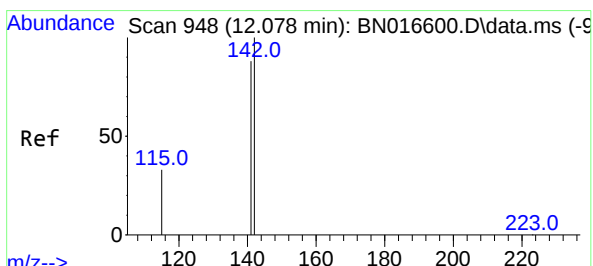
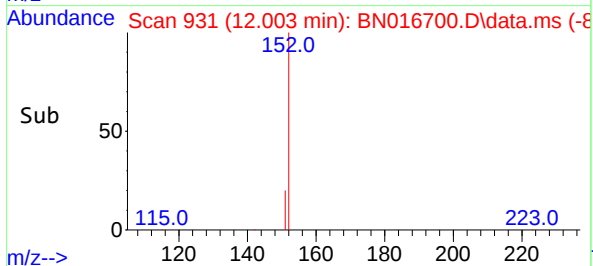
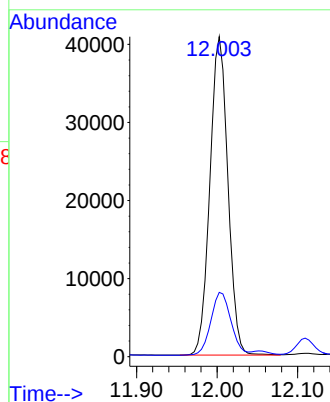
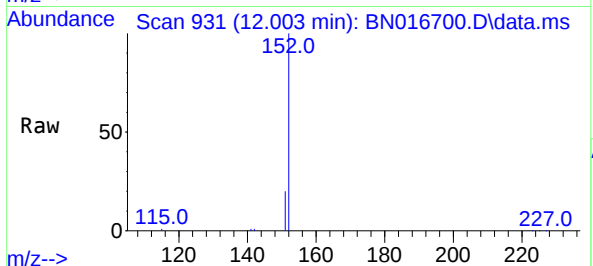
#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

Tgt Ion:152 Resp: 63443
Ion Ratio Lower Upper
152 100
151 22.1 16.2 24.4

Instrument :
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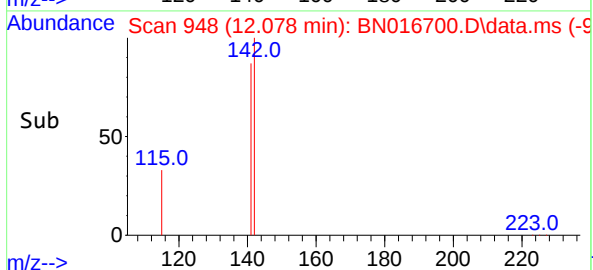
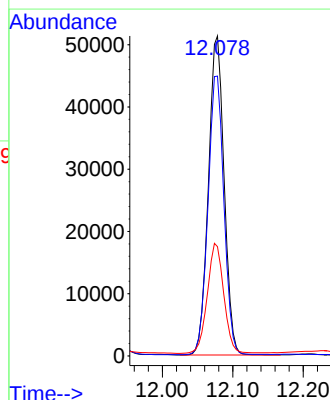
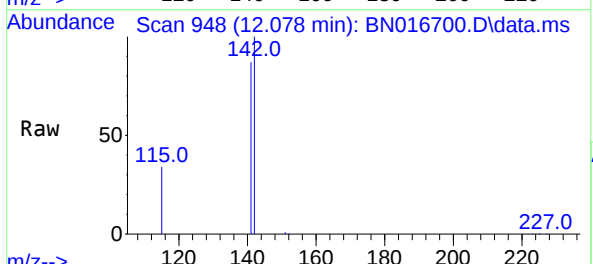
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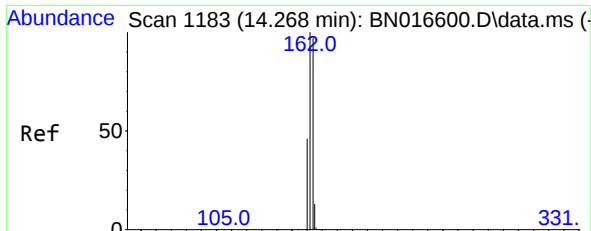
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#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

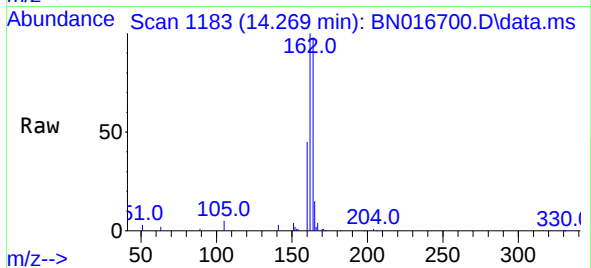
Tgt Ion:142 Resp: 79474
Ion Ratio Lower Upper
142 100
141 87.5 70.6 105.8
115 34.1 26.6 39.8





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

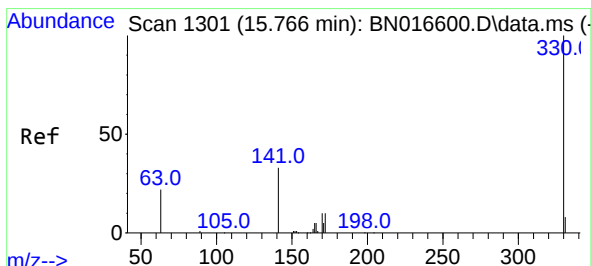
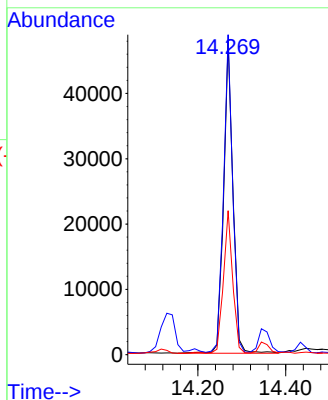
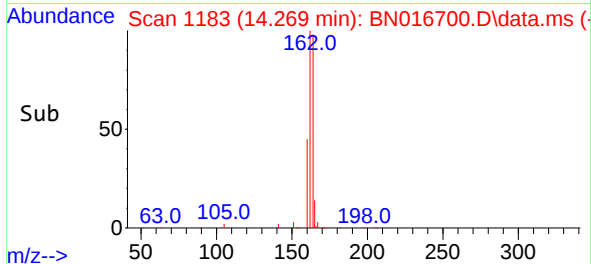
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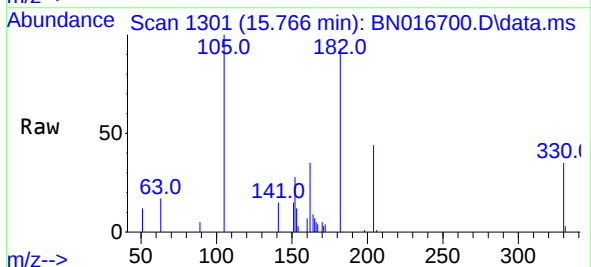
Tgt Ion:164 Resp: 71330
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.2
160 46.0 37.7 56.5

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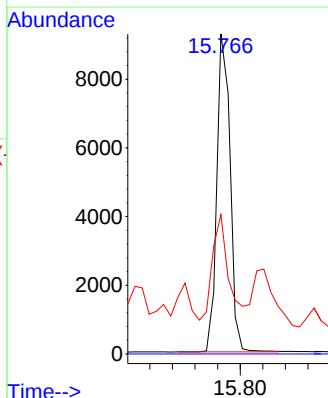
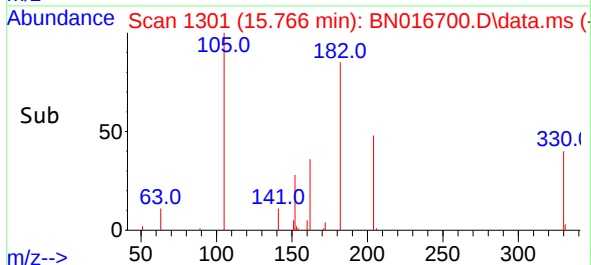
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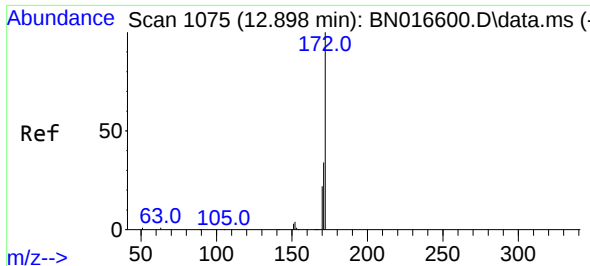


#14
2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

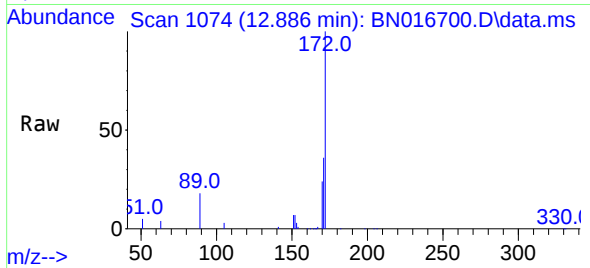


Tgt Ion:330 Resp: 15106
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.7 25.2 37.8#

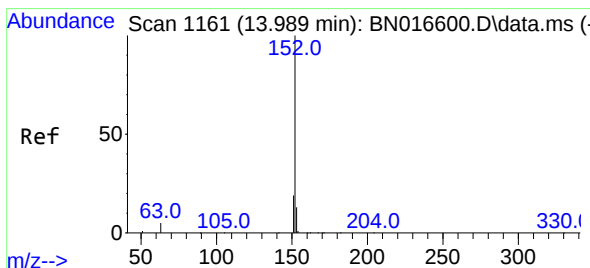
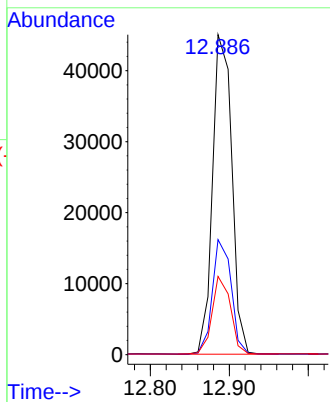
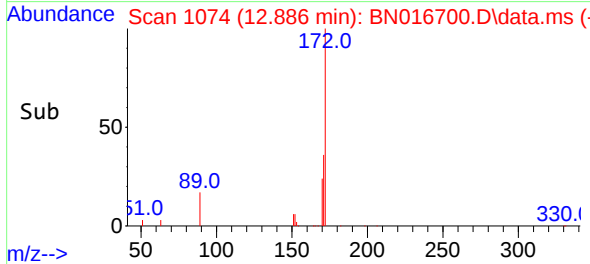




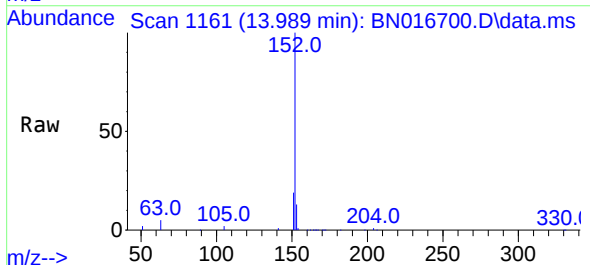
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2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



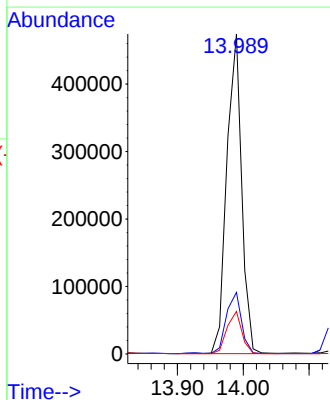
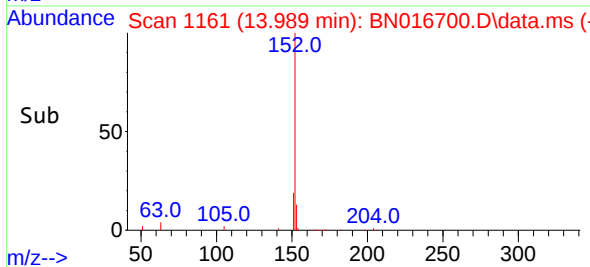
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Ion Ratio Lower Upper
172 100
171 35.9 27.0 40.4
170 24.5 17.4 26.2



#16
Acenaphthylene
Concen: 2.37 ng
RT: 13.989 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



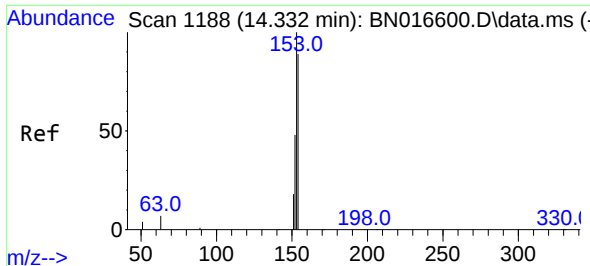
Tgt Ion:152 Resp: 740413
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.2 10.4 15.6



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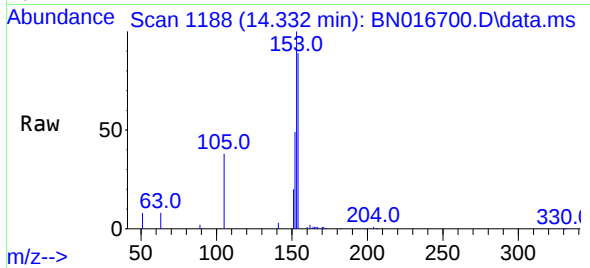
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#17
Acenaphthene
Concen: 0.26 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

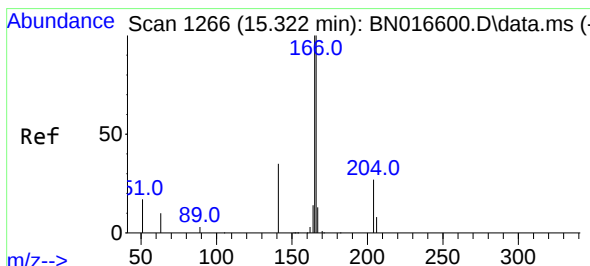
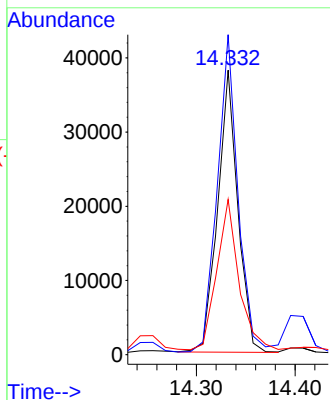
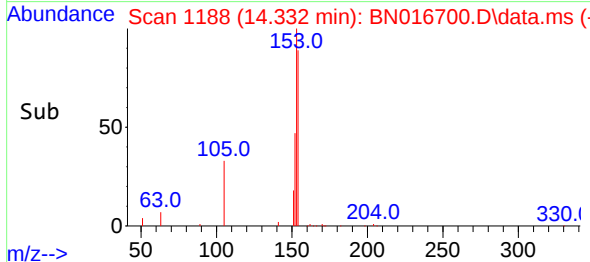
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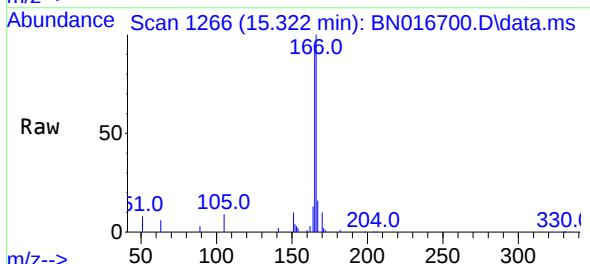
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Ion Ratio Lower Upper
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153 115.0 90.2 135.2
152 59.3 44.0 66.0

Manual Integrations
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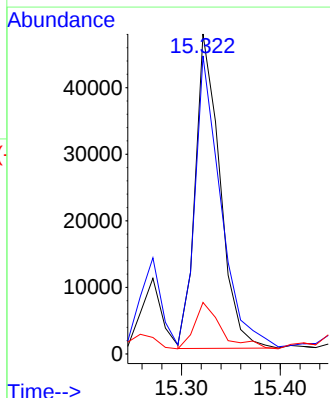
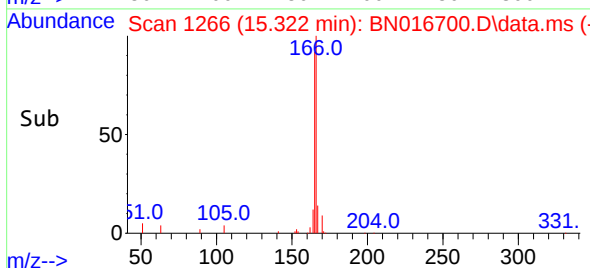
mohammad
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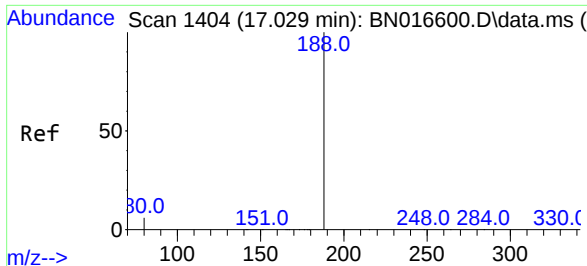


#18
Fluorene
Concen: 0.33 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



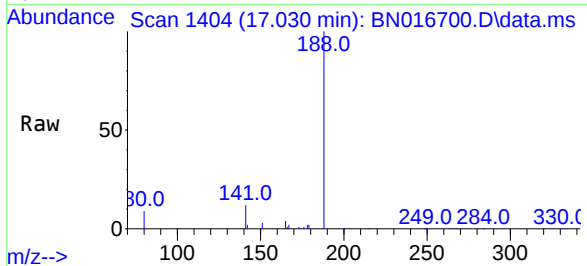
Tgt Ion:166 Resp: 82261
Ion Ratio Lower Upper
166 100
165 94.6 77.9 116.9
167 16.1 10.7 16.1#





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

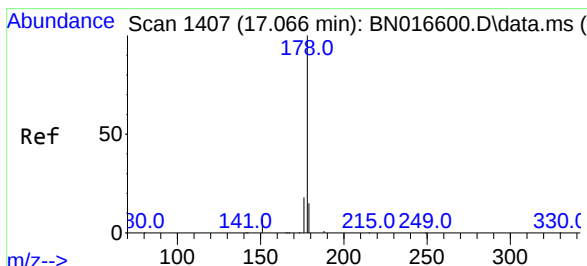
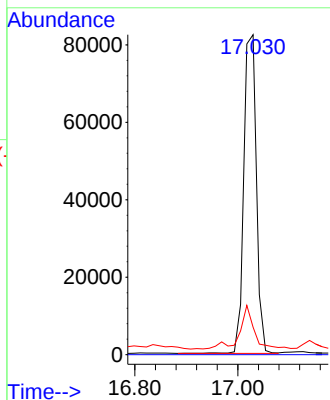
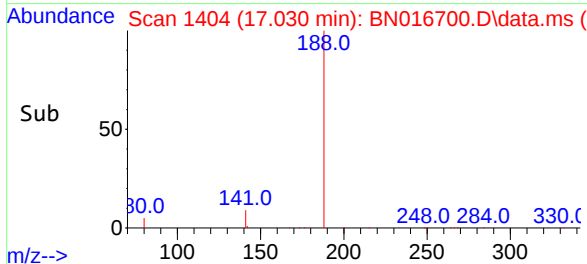
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-0-0.5-092221



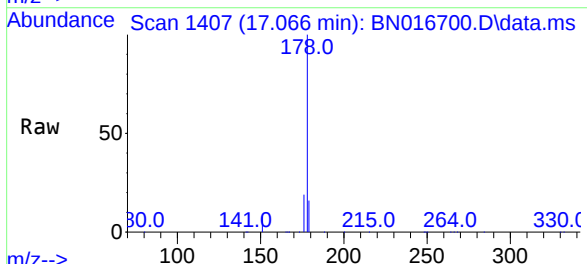
Tgt Ion:188 Resp: 140143
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 5.0 7.6#

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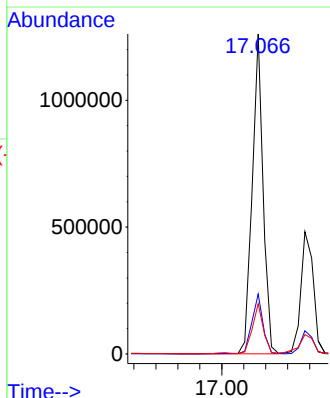
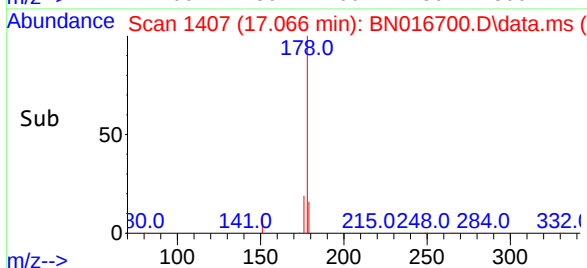
mohammad
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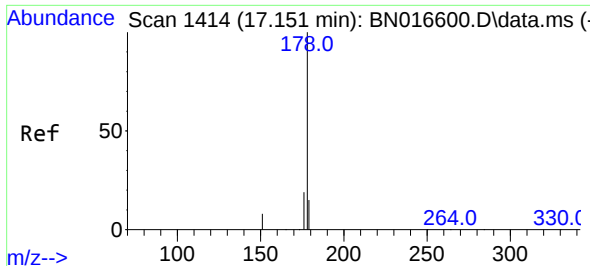


#25
Phenanthrene
Concen: 4.11 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



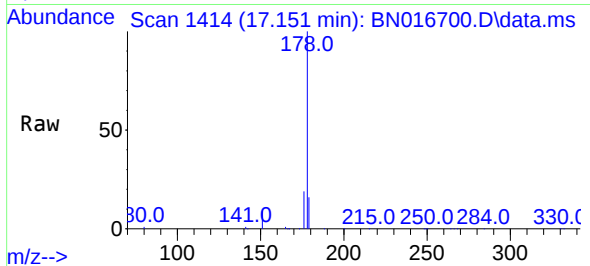
Tgt Ion:178 Resp: 1732863
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.4 12.2 18.4





#26
 Anthracene
 Concen: 2.04 ng
 RT: 17.151 min Scan# 1414
 Delta R.T. 0.000 min
 Lab File: BN016700.D
 Acq: 03 Oct 2021 10:00

Instrument :
 BNA_N
 ClientSampleId :
 S-825-N-SO-0-0.5-092221

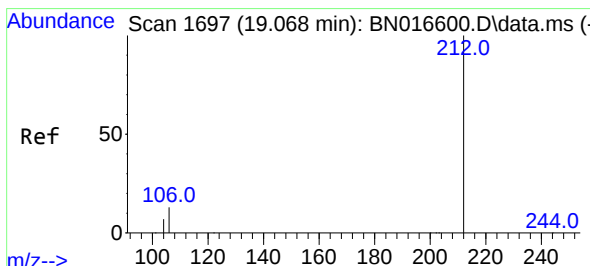
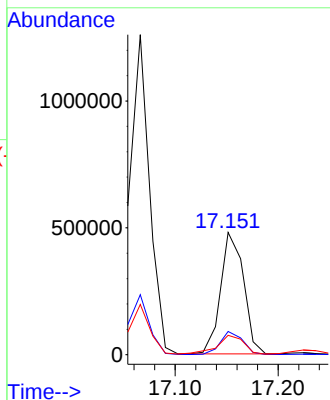
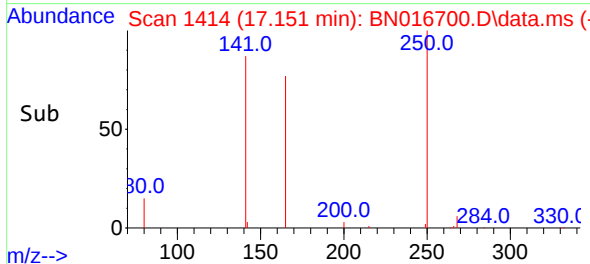


Tgt Ion:178 Resp: 742313

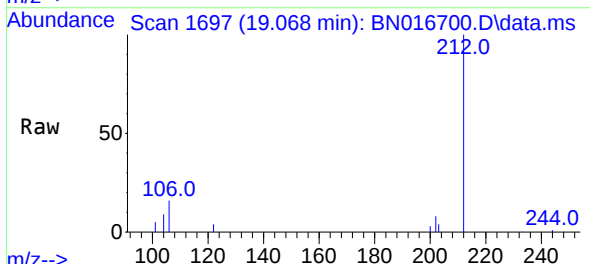
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	17.8	12.2	18.4

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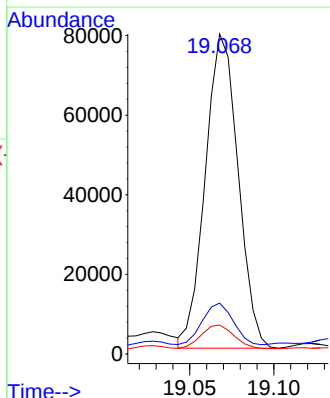
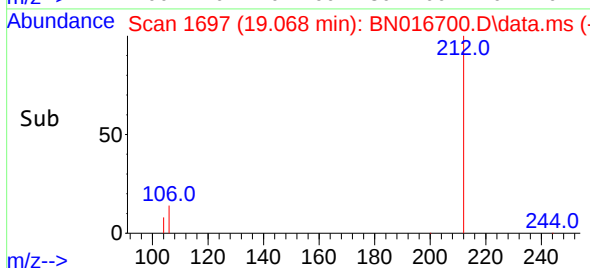


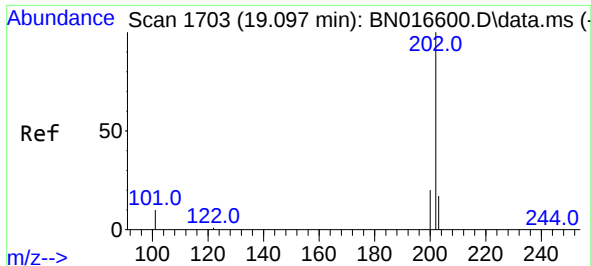
#27
 Fluoranthene-d10
 Concen: 0.29 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN016700.D
 Acq: 03 Oct 2021 10:00



Tgt Ion:212 Resp: 107033

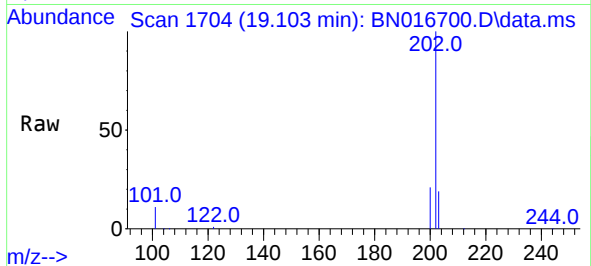
Ion	Ratio	Lower	Upper
212	100		
106	12.3	10.6	16.0
104	8.1	5.9	8.9





#28
Fluoranthene
Concen: 10.59 ng
RT: 19.103 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

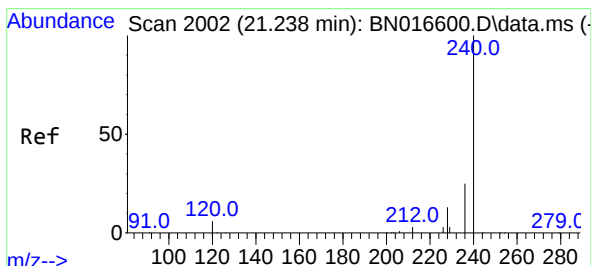
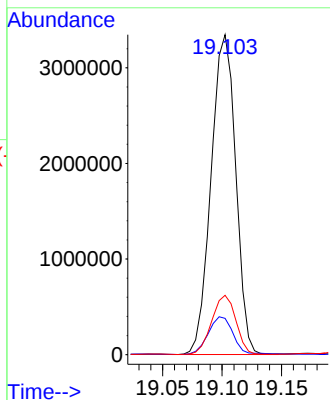
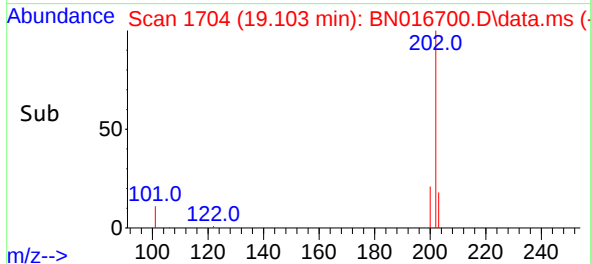
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-0-0.5-092221



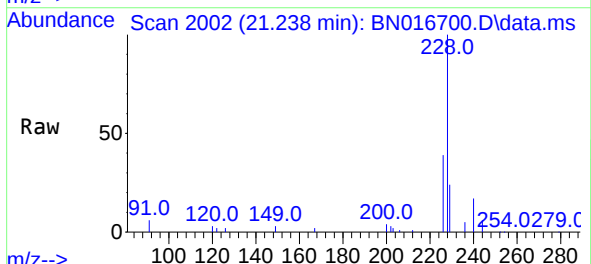
Tgt Ion:202 Resp: 4820388
Ion Ratio Lower Upper
202 100
101 12.1 9.0 13.4
203 18.1 13.8 20.6

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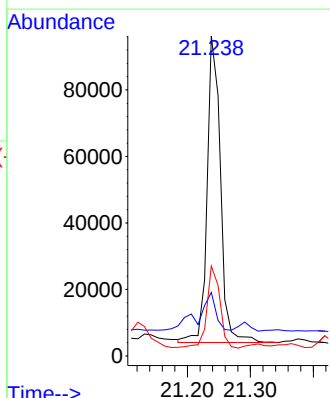
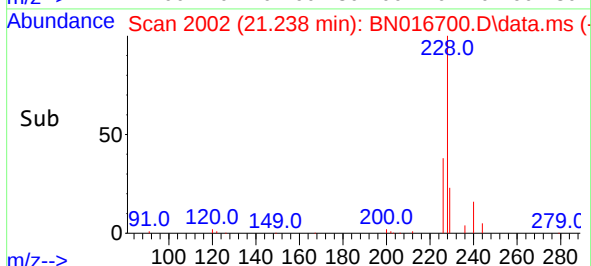
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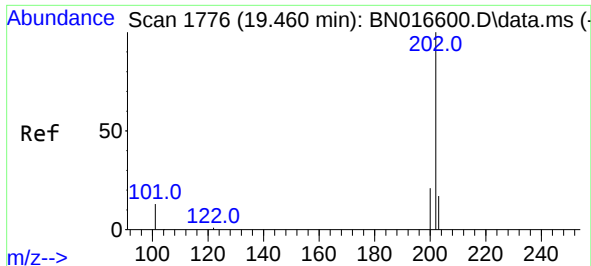


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



Tgt Ion:240 Resp: 135529
Ion Ratio Lower Upper
240 100
120 19.8 5.0 7.4#
236 28.1 20.4 30.6





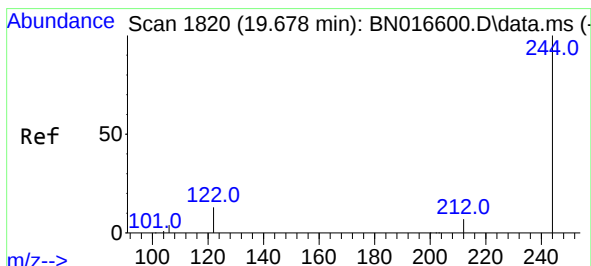
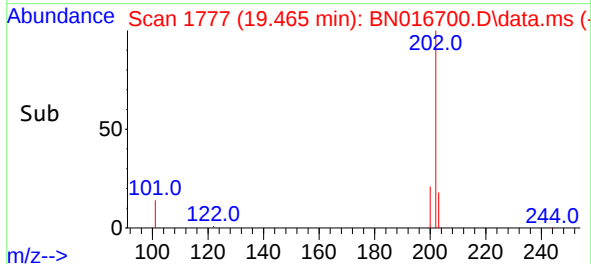
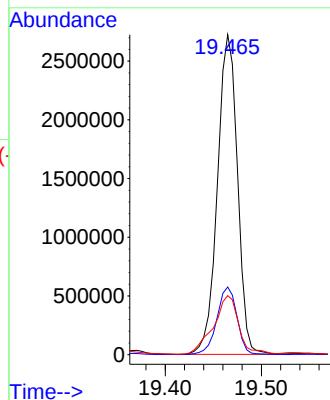
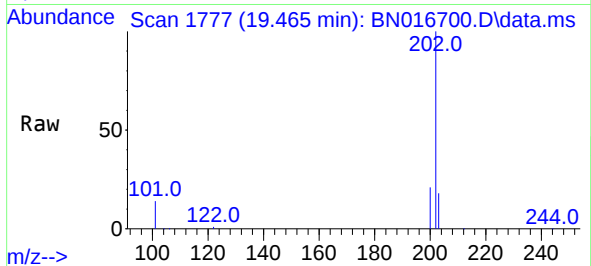
#30
Pyrene
Concen: 9.01 ng
RT: 19.465 min Scan# 1777
Delta R.T. 0.005 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

Tgt Ion:202 Resp: 3950628
Ion Ratio Lower Upper
202 100
200 21.2 16.5 24.7
203 23.0 14.0 21.0#

Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-0-0.5-092221

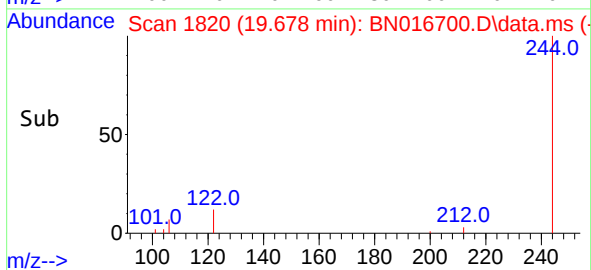
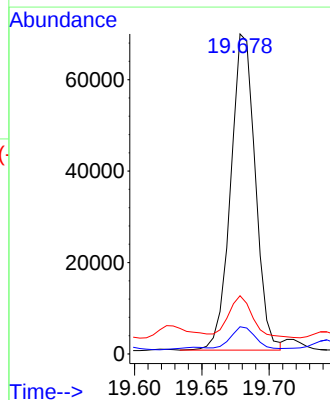
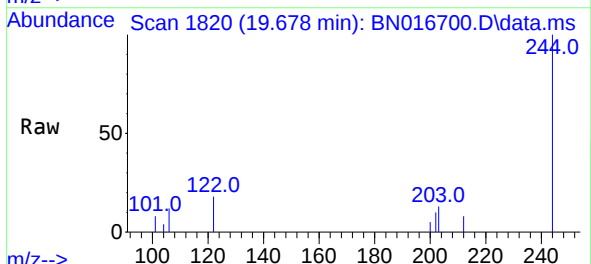
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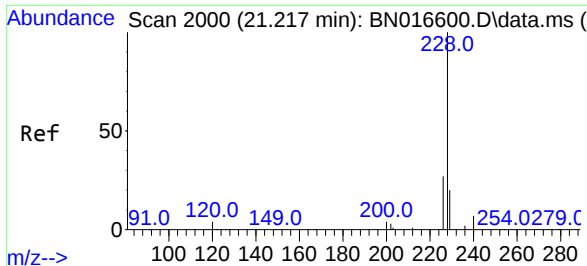
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#31
Terphenyl-d14
Concen: 0.30 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

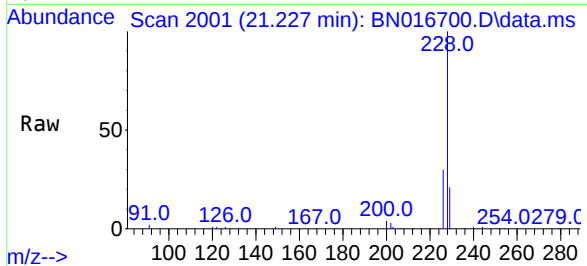
Tgt Ion:244 Resp: 87912
Ion Ratio Lower Upper
244 100
212 8.5 6.0 9.0
122 18.2 10.1 15.1#





#32
Benzo(a)anthracene
Concen: 5.66 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.011 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

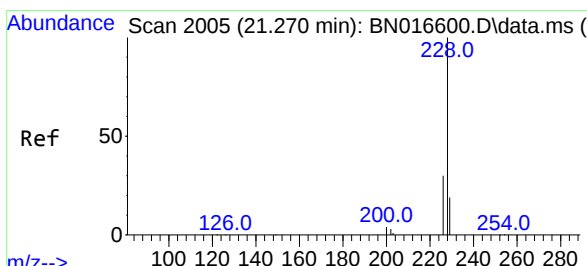
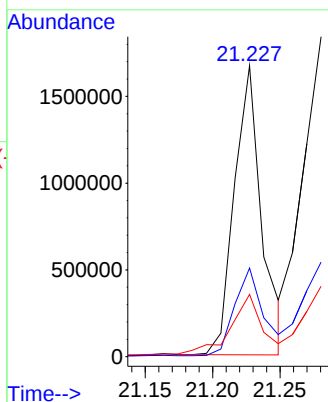
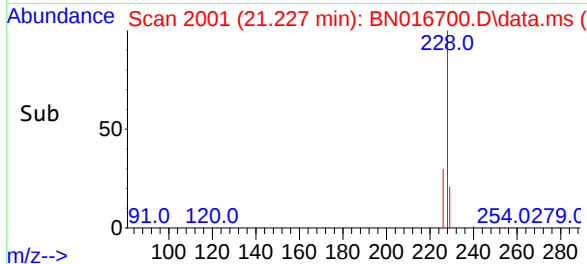
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-0-0.5-092221



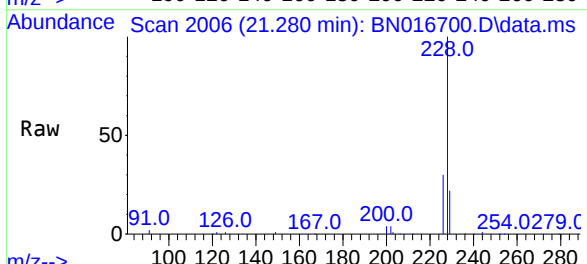
Tgt Ion:228 Resp: 2356504
Ion Ratio Lower Upper
228 100
226 30.5 21.9 32.9
229 21.4 15.7 23.5

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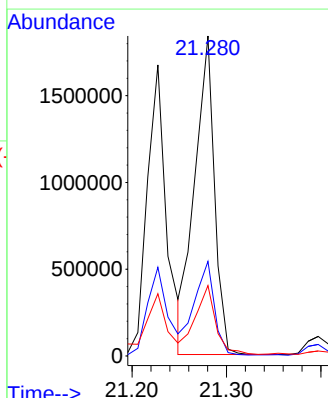
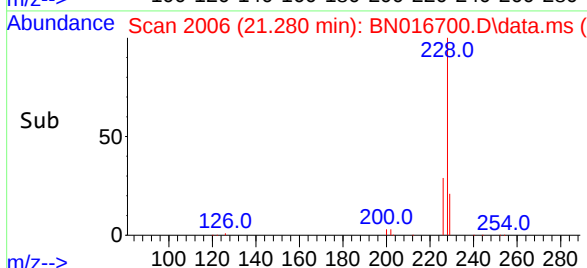
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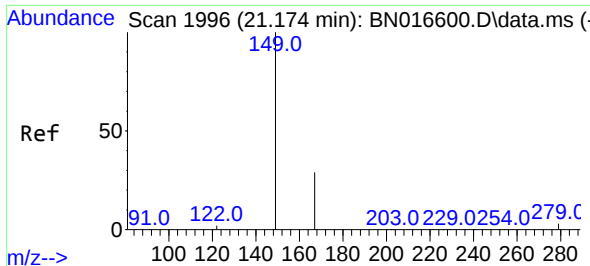


#33
Chrysene
Concen: 6.34 ng
RT: 21.280 min Scan# 2006
Delta R.T. 0.011 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



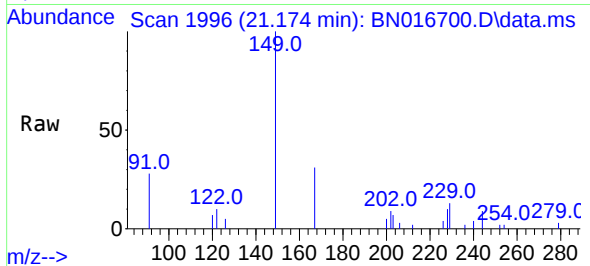
Tgt Ion:228 Resp: 2671788
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 22.0 15.5 23.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.80 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

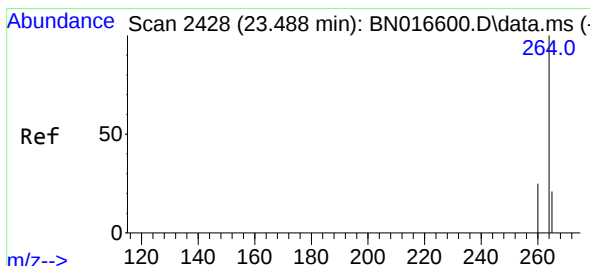
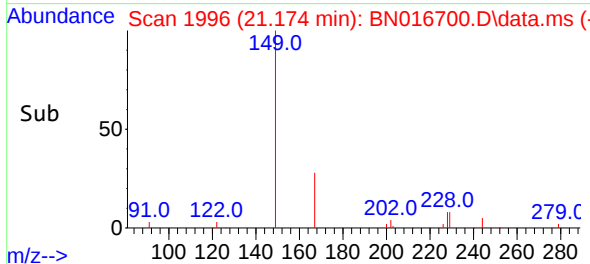
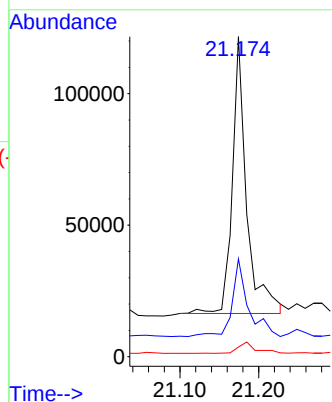
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-0-0.5-092221



Tgt Ion:149 Resp: 132281
Ion Ratio Lower Upper
149 100
167 31.9 22.2 33.4
279 5.1 3.2 4.8#

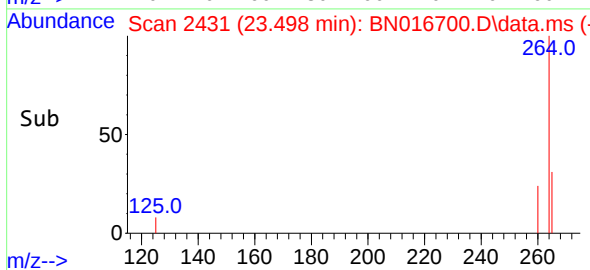
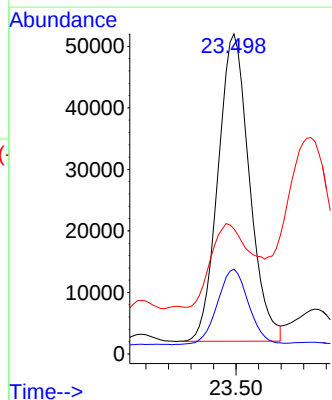
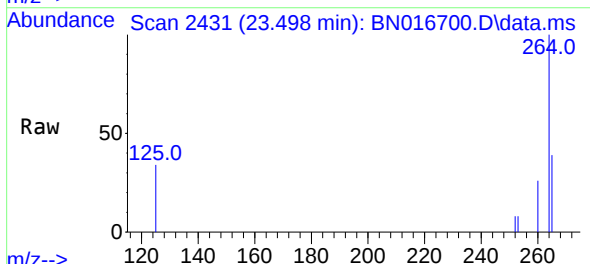
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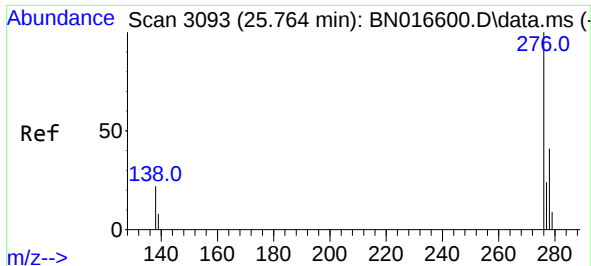
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#35
Perylene-d12
Concen: 0.40 ng
RT: 23.498 min Scan# 2431
Delta R.T. 0.010 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

Tgt Ion:264 Resp: 96623
Ion Ratio Lower Upper
264 100
260 26.5 19.9 29.9
265 39.1 19.2 28.8#





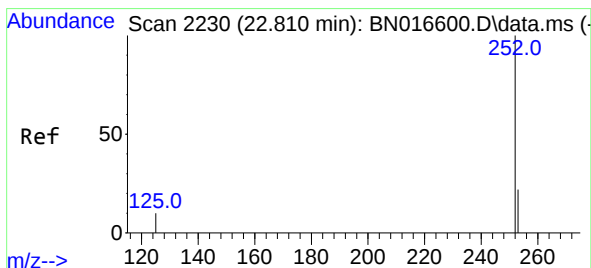
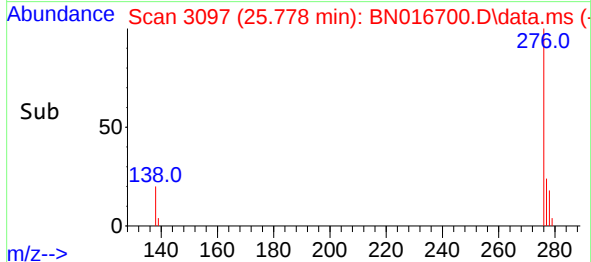
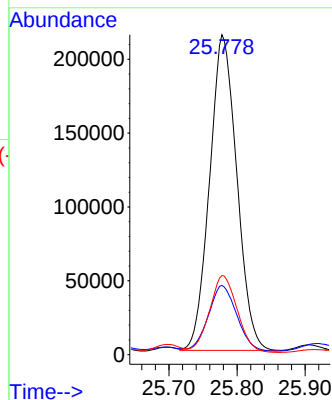
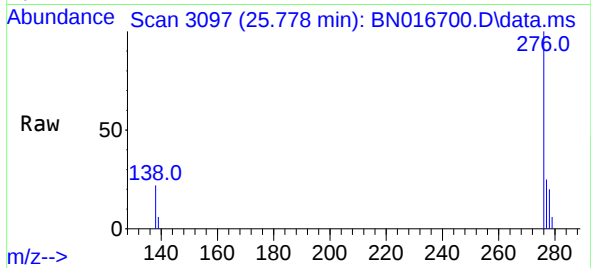
#36
Indeno(1,2,3-cd)pyrene
Concen: 1.72 ng
RT: 25.778 min Scan# 3097
Delta R.T. 0.014 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

Tgt Ion: 276 Resp: 593104
Ion Ratio Lower Upper
276 100
138 21.7 19.5 29.3
277 24.9 19.9 29.9

Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-0-0.5-092221

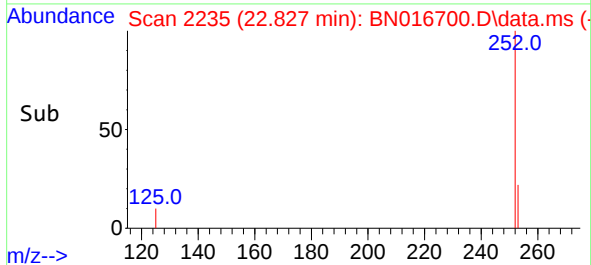
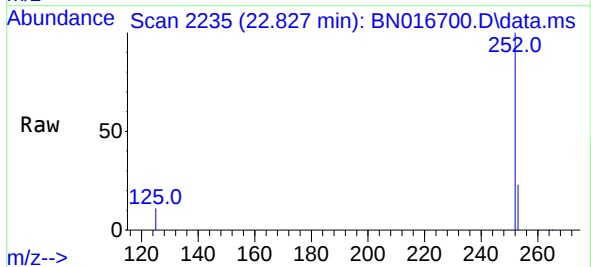
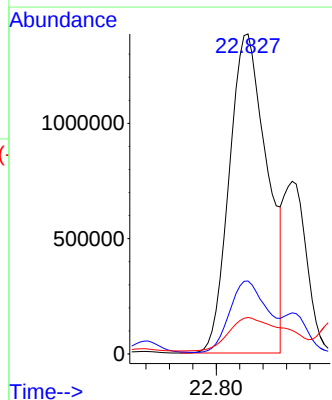
Manual Integrations
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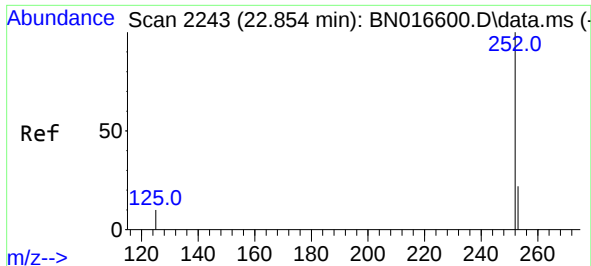
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10/4/2021 11:49:29 AM



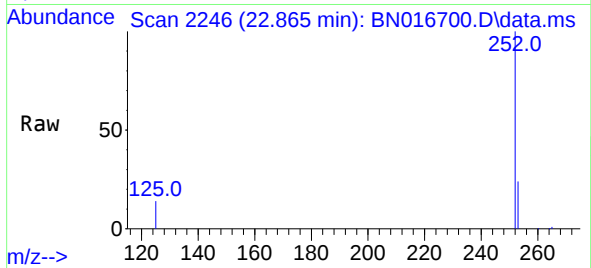
#37
Benzo(b)fluoranthene
Concen: 10.01 ng
RT: 22.827 min Scan# 2235
Delta R.T. 0.017 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

Tgt Ion: 252 Resp: 3107183
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.4 8.0 12.0

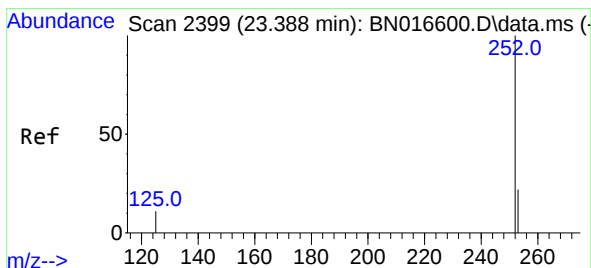
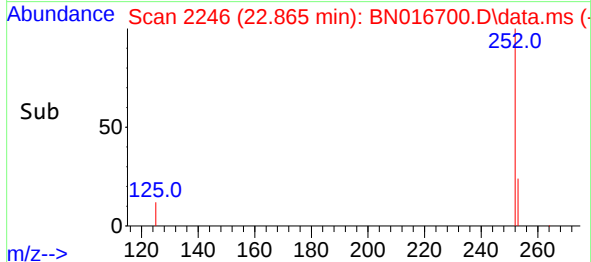
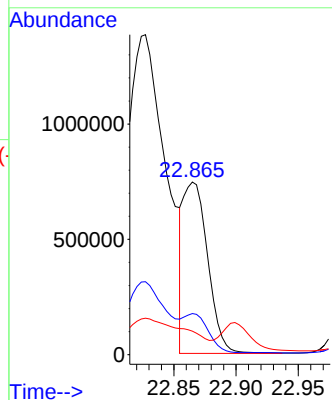




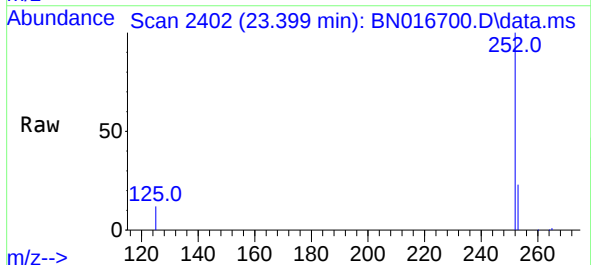
#38
Benzo(k)fluoranthene
Concen: 3.29 ng m
RT: 22.865 min Scan# 2246
Delta R.T. 0.010 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



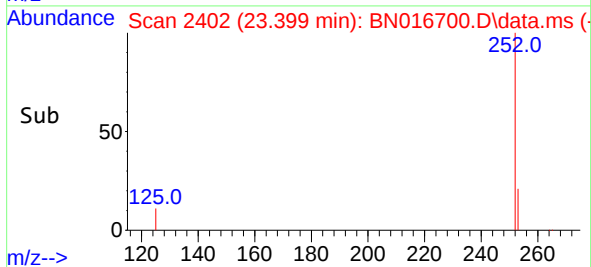
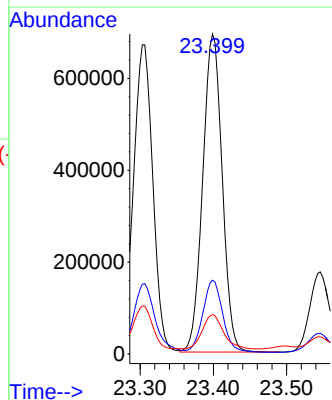
Tgt Ion:252 Resp: 1010513
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 13.6 8.0 12.0#



#39
Benzo(a)pyrene
Concen: 4.62 ng
RT: 23.399 min Scan# 2402
Delta R.T. 0.010 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00



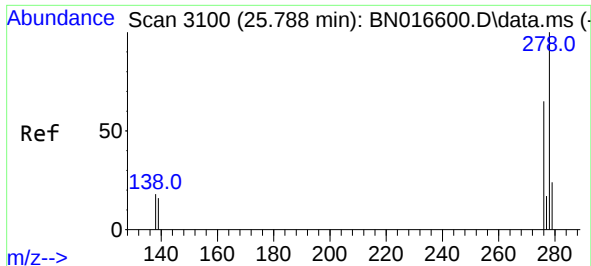
Tgt Ion:252 Resp: 1276893
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 12.3 9.0 13.4



Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-0-0.5-092221

Manual Integrations
APPROVED

mohammad
10/4/2021 11:49:29 AM



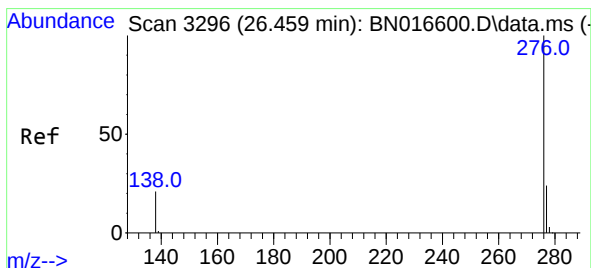
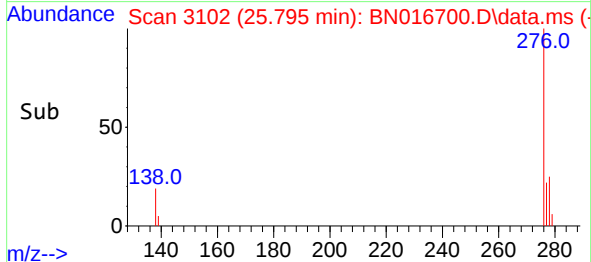
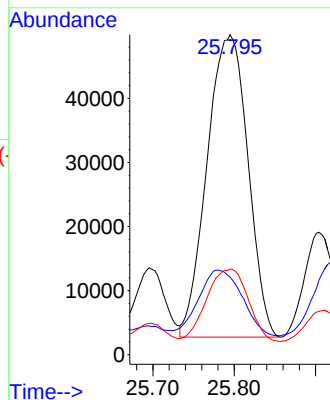
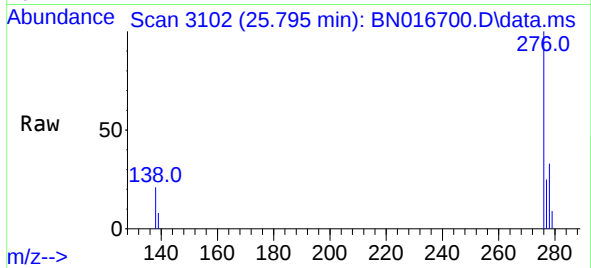
#40
Dibenzo(a,h)anthracene
Concen: 0.59 ng
RT: 25.795 min Scan# 3102
Delta R.T. 0.007 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

Tgt Ion:278 Resp: 164455
Ion Ratio Lower Upper
278 100
139 24.2 13.1 19.7#
279 26.8 19.1 28.7

Instrument :
BNA_N
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#41
Benzo(g,h,i)perylene
Concen: 1.46 ng
RT: 26.483 min Scan# 3303
Delta R.T. 0.024 min
Lab File: BN016700.D
Acq: 03 Oct 2021 10:00

Tgt Ion:276 Resp: 445713
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.6
138 21.8 16.9 25.3

