

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016704.D
 Acq On : 03 Oct 2021 12:24
 Operator : CG/JU
 Sample : M3892-03
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-829-J-SO-2-2.5-092221

Manual Integrations
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 10/4/2021 11:49:40 AM

Quant Time: Oct 04 03:38:39 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	7.643	152	24942	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	115364	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	66676	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	134317	0.40	ng	0.00
29) Chrysene-d12	21.238	240	133452	0.40	ng	# 0.00
35) Perylene-d12	23.488	264	90619	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	19309	0.30	ng	0.02
5) Phenol-d6	6.831	99	20963	0.30	ng	0.00
8) Nitrobenzene-d5	8.785	82	23765	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	53414	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	12229	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	68659	0.25	ng	-0.01
27) Fluoranthene-d10	19.068	212	110834	0.31	ng	0.00
31) Terphenyl-d14	19.679	244	84888	0.29	ng	0.00
Target Compounds						
17) Acenaphthene	14.332	154	17844	0.09	ng	Qvalue 97
18) Fluorene	15.322	166	15431m	0.07	ng	
25) Phenanthrene	17.066	178	294301m	0.73	ng	
26) Anthracene	17.152	178	70521	0.20	ng	# 94
28) Fluoranthene	19.098	202	652273	1.49	ng	99
30) Pyrene	19.460	202	554774	1.28	ng	# 93
32) Benzo(a)anthracene	21.217	228	313863	0.77	ng	99
33) Chrysene	21.270	228	289815	0.70	ng	98
34) Bis(2-ethylhexyl)phtha...	21.174	149	28238	0.17	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.768	276	67268	0.21	ng	99
37) Benzo(b)fluoranthene	22.814	252	294968	1.01	ng	# 96
38) Benzo(k)fluoranthene	22.855	252	124494m	0.43	ng	
39) Benzo(a)pyrene	23.389	252	173229	0.67	ng	# 96
40) Dibenzo(a,h)anthracene	25.792	278	20762	0.08	ng	# 71
41) Benzo(g,h,i)perylene	26.473	276	52216	0.18	ng	# 89

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

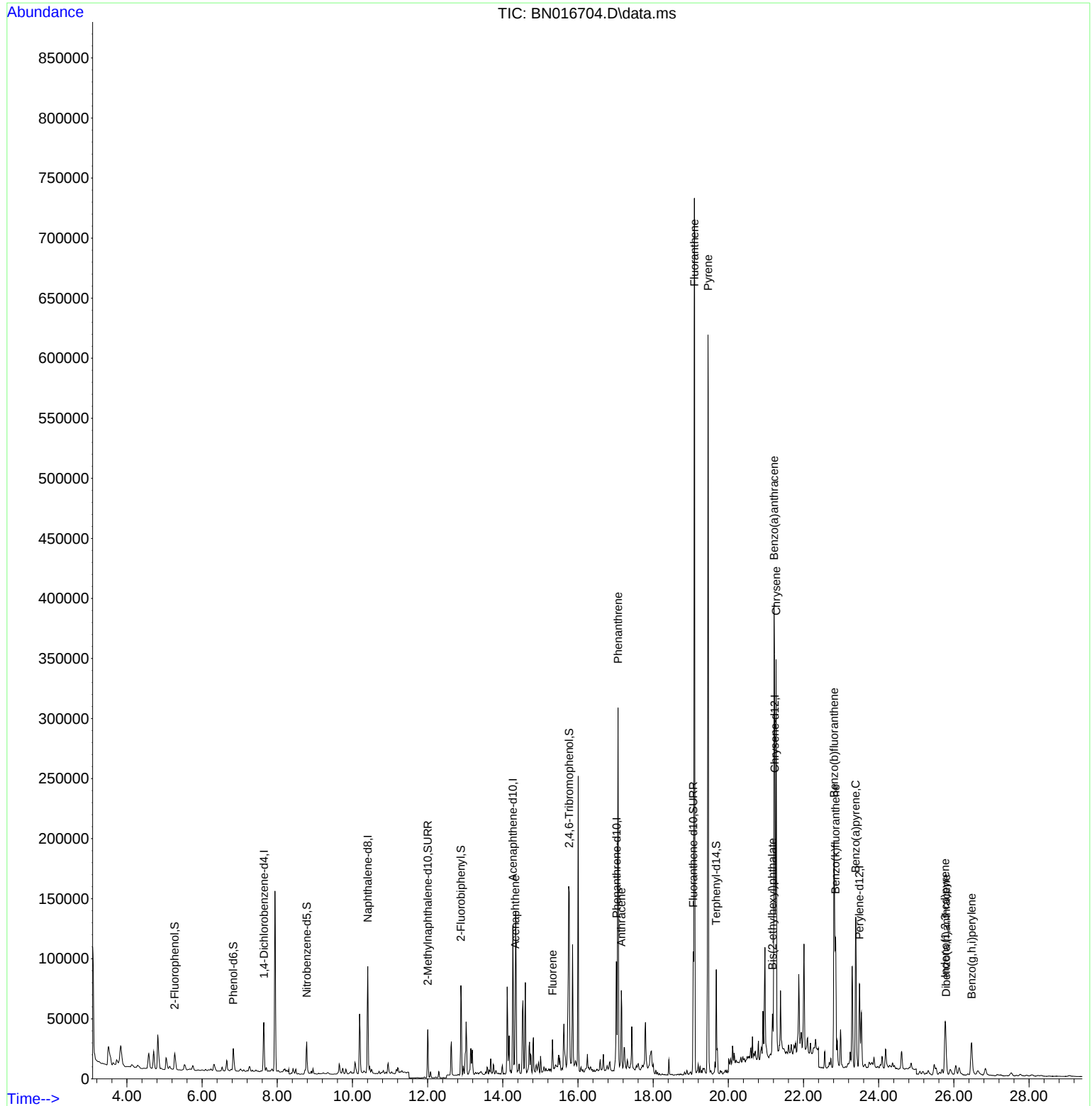
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016704.D
Acq On : 03 Oct 2021 12:24
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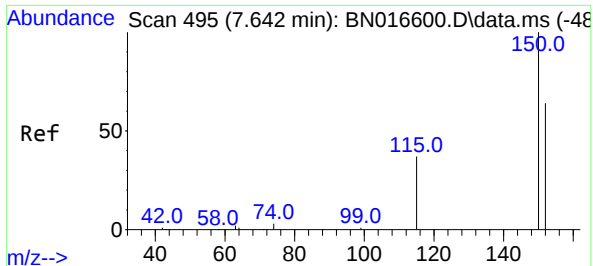
Instrument :
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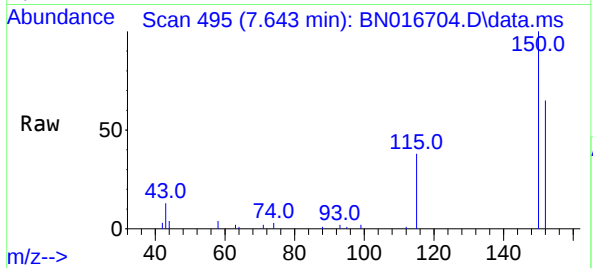
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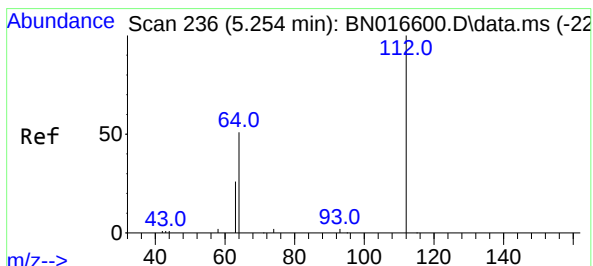
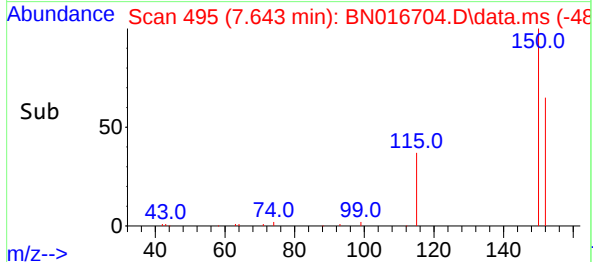
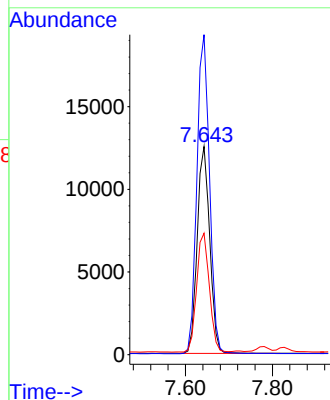




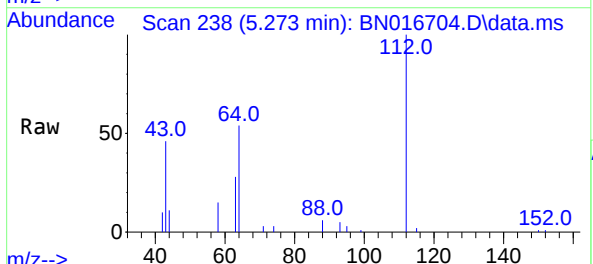
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.643 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



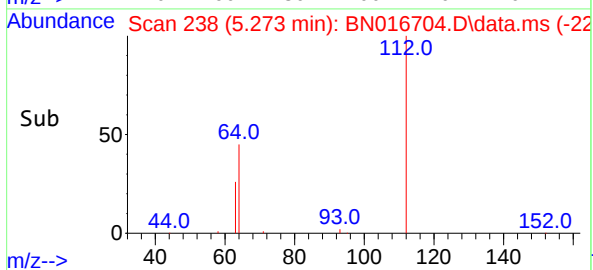
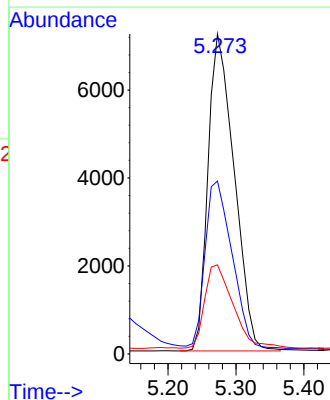
Tgt Ion:152 Resp: 24942
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 58.3 46.5 69.7



#4
2-Fluorophenol
Concen: 0.30 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



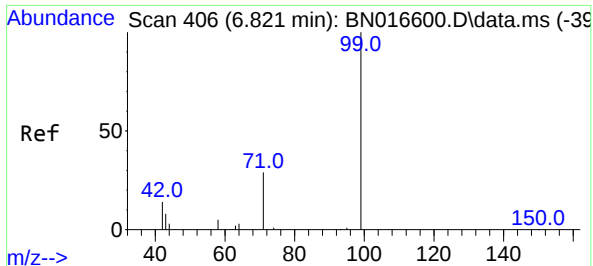
Tgt Ion:112 Resp: 19309
Ion Ratio Lower Upper
112 100
64 53.8 43.1 64.7
63 28.4 21.6 32.4



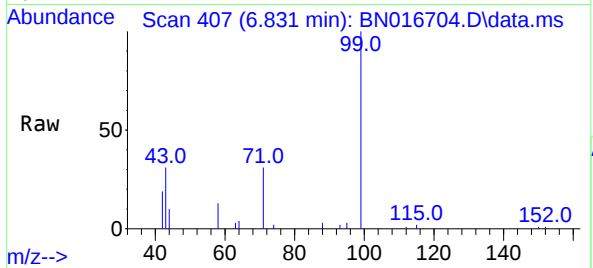
Instrument :
BNA_N
ClientSampleId :
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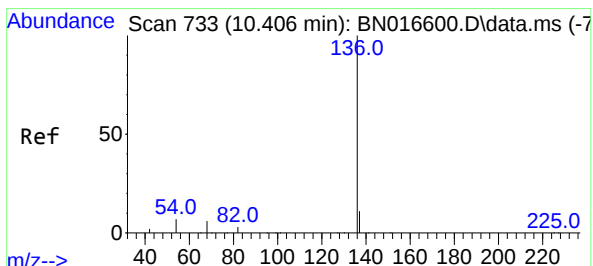
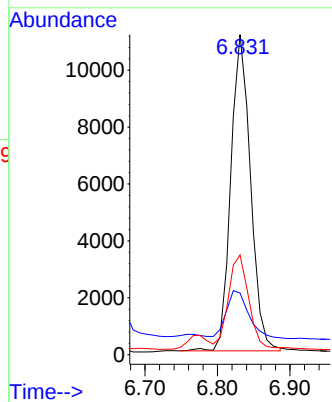
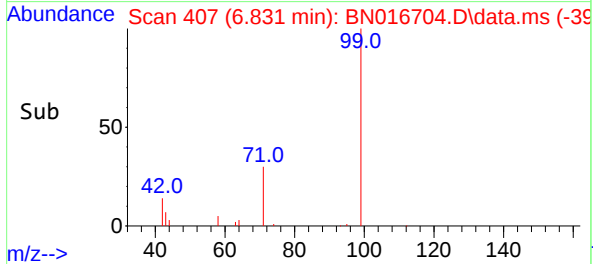
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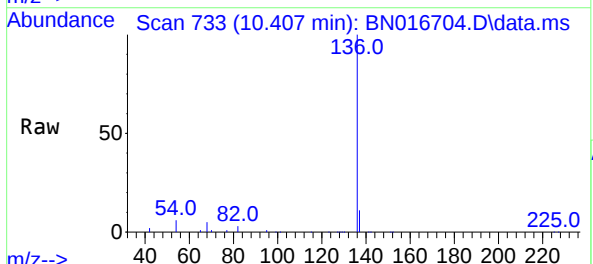
#5
Phenol-d6
Concen: 0.30 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



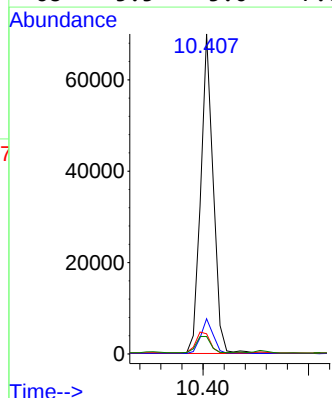
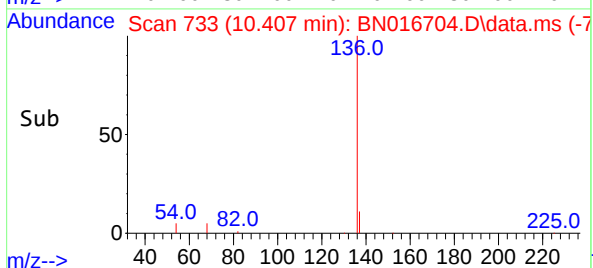
Tgt Ion: 99 Resp: 20963
Ion Ratio Lower Upper
99 100
42 16.5 13.0 19.6
71 29.8 23.5 35.3



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



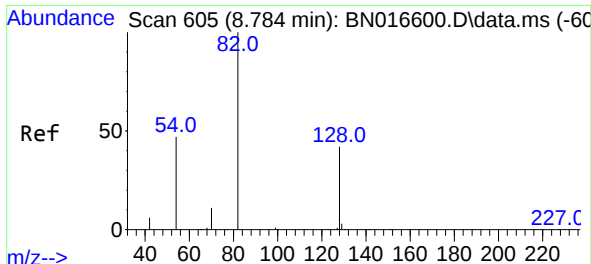
Tgt Ion: 136 Resp: 115364
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.3 5.9 8.9
68 5.5 5.0 7.6



Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-2-2.5-092221

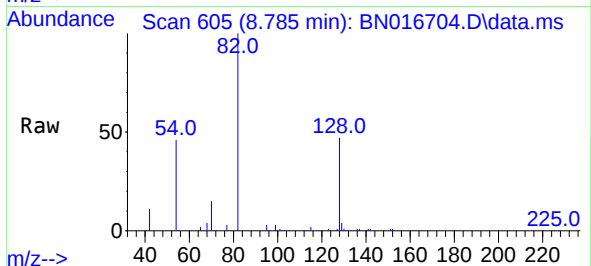
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#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24

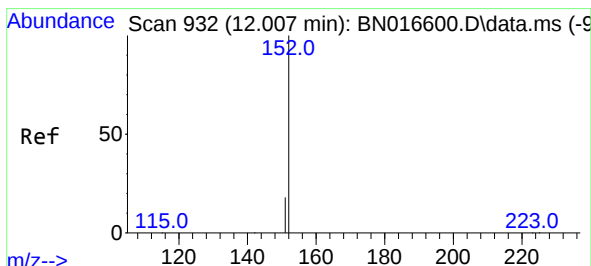
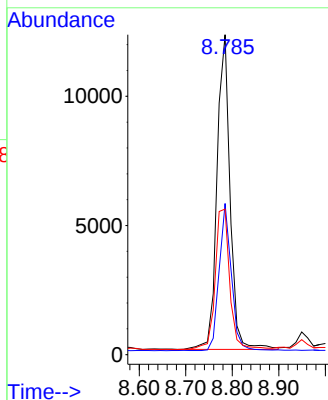
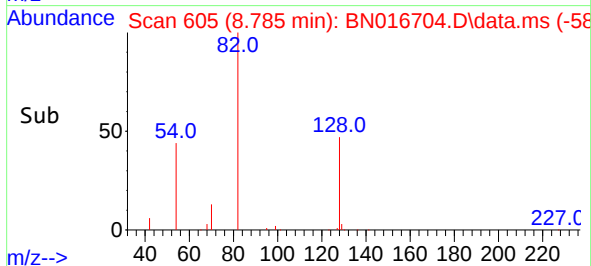
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S-829-J-SO-2-2.5-092221



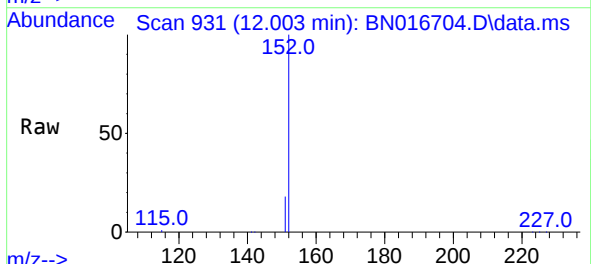
Tgt Ion: 82 Resp: 23765
Ion Ratio Lower Upper
82 100
128 47.3 33.6 50.4
54 45.5 37.6 56.4

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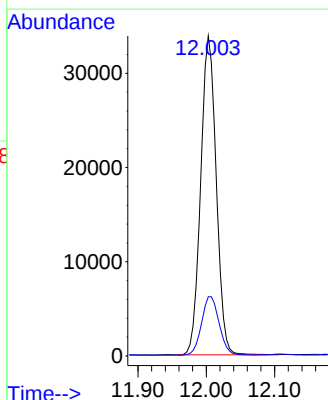
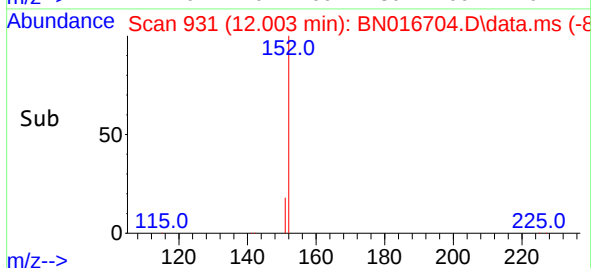
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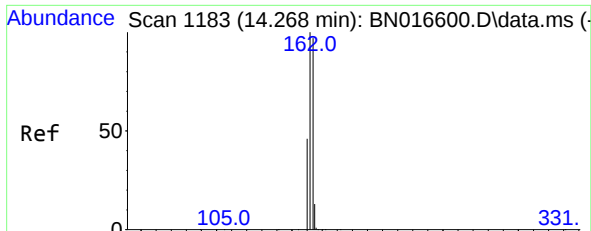


#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



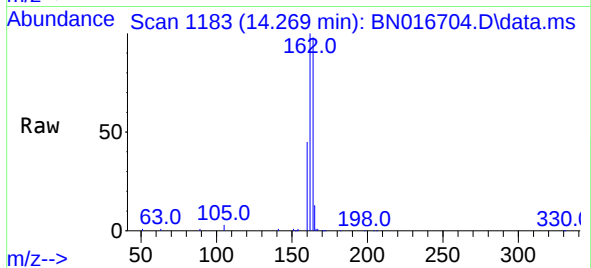
Tgt Ion: 152 Resp: 53414
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24

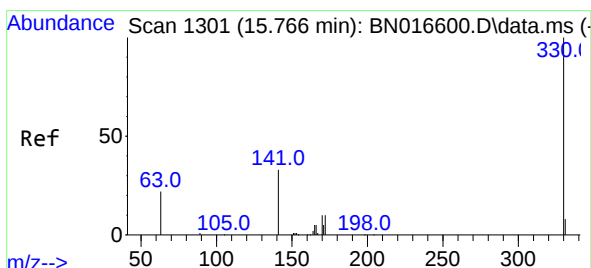
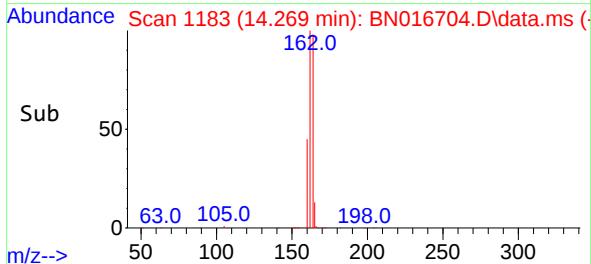
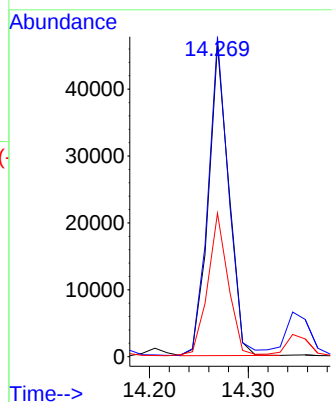
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-2-2.5-092221



Tgt Ion:164 Resp: 66676
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.2
160 46.0 37.7 56.5

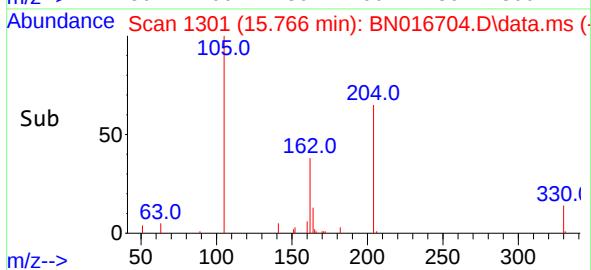
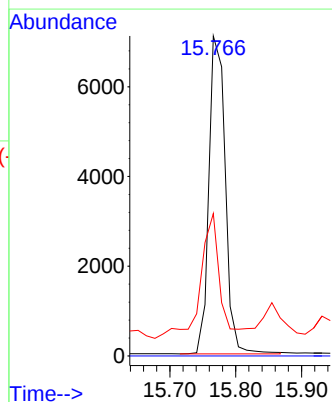
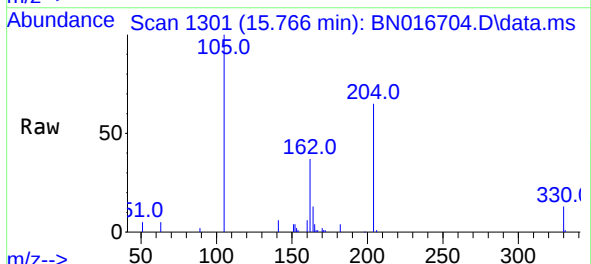
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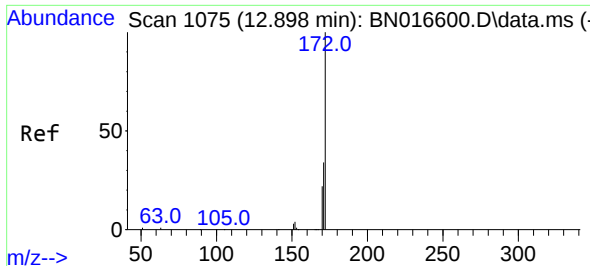
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#14
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24

Tgt Ion:330 Resp: 12229
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.8 25.2 37.8#





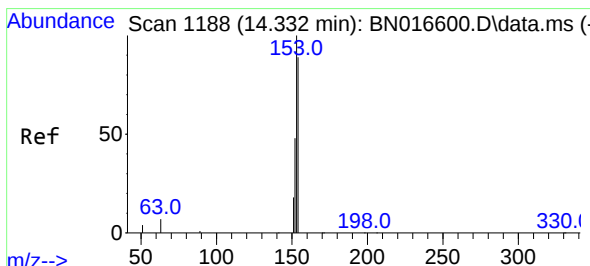
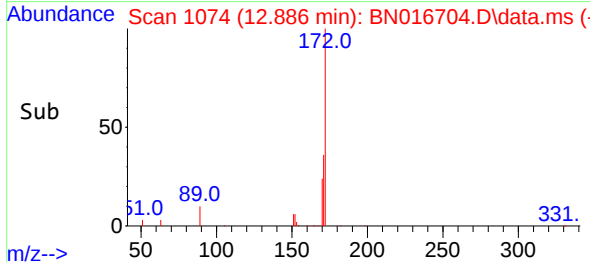
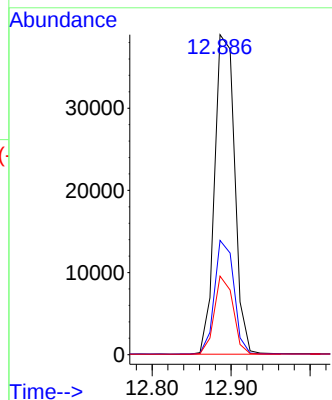
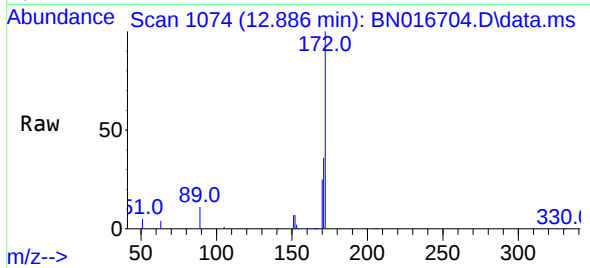
#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24

Tgt Ion:172 Resp: 68659
Ion Ratio Lower Upper
172 100
171 35.7 27.0 40.4
170 24.5 17.4 26.2

Instrument :
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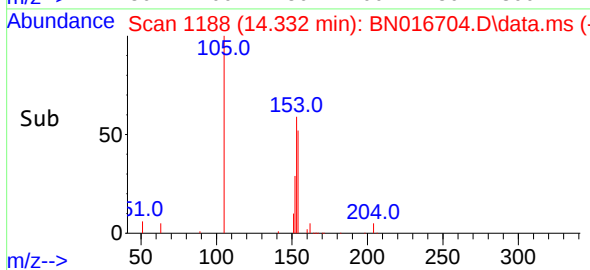
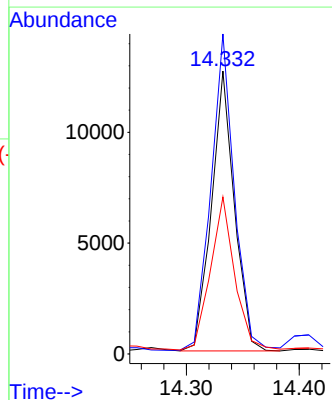
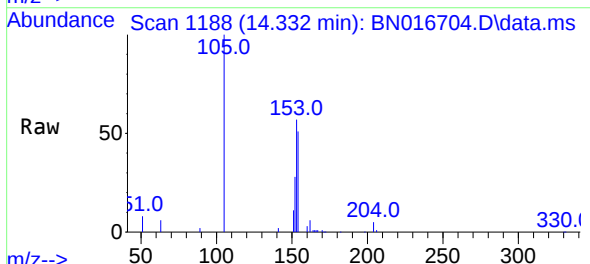
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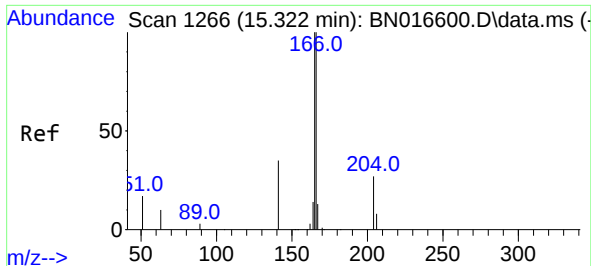
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#17
Acenaphthene
Concen: 0.09 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24

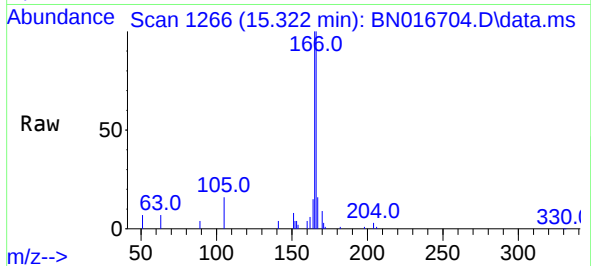
Tgt Ion:154 Resp: 17844
Ion Ratio Lower Upper
154 100
153 115.2 90.2 135.2
152 57.3 44.0 66.0





#18
Fluorene
Concen: 0.07 ng m
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24

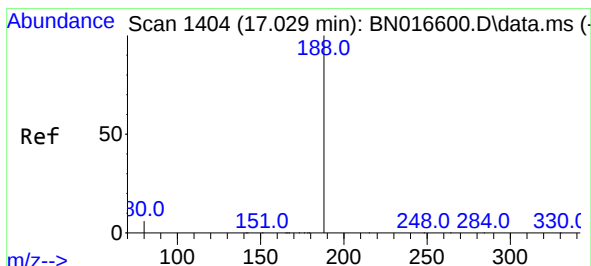
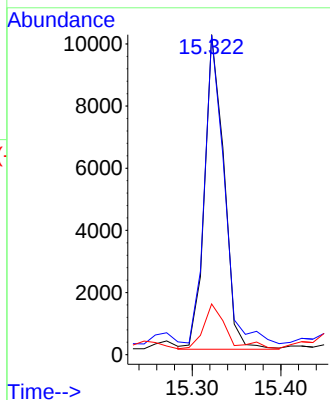
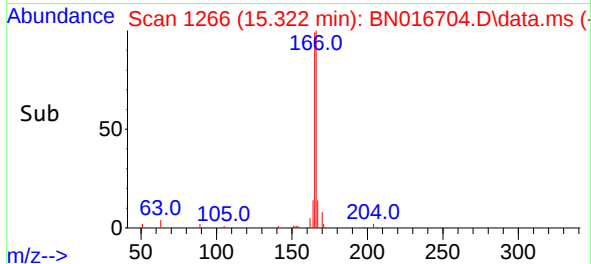
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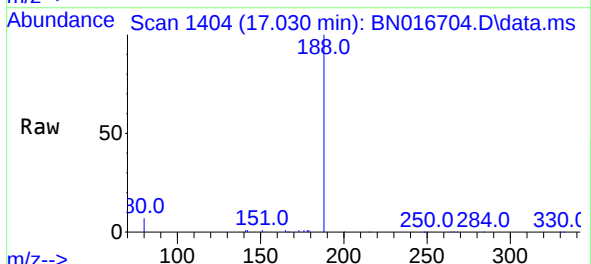
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Ion Ratio Lower Upper
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165 110.1 77.9 116.9
167 16.5 10.7 16.1#

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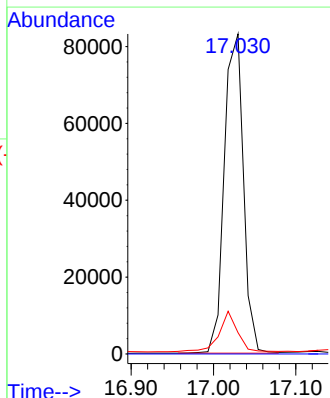
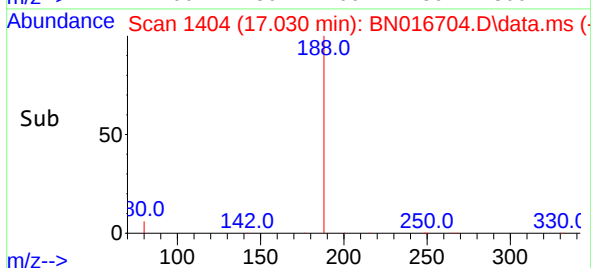
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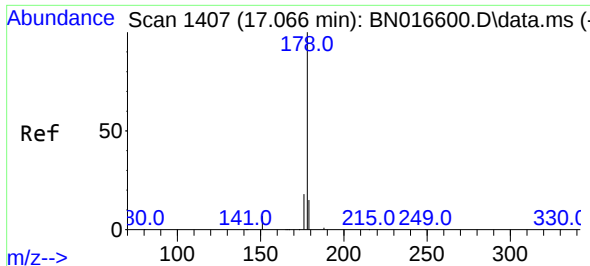


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



Tgt Ion:188 Resp: 134317
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 5.0 7.6





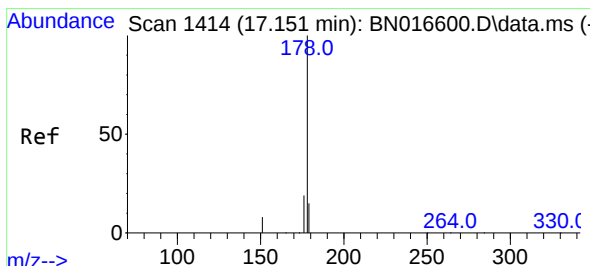
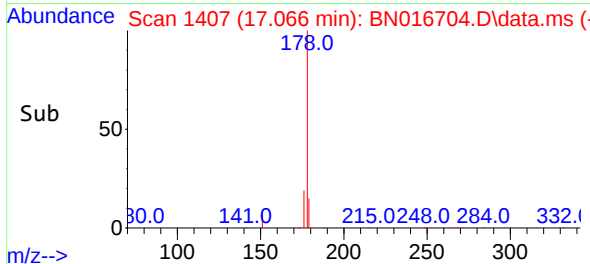
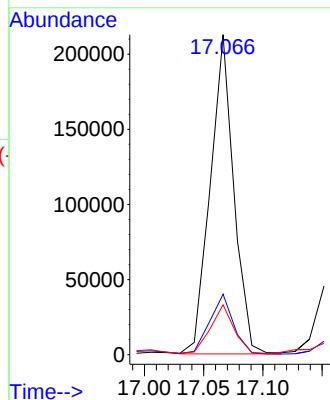
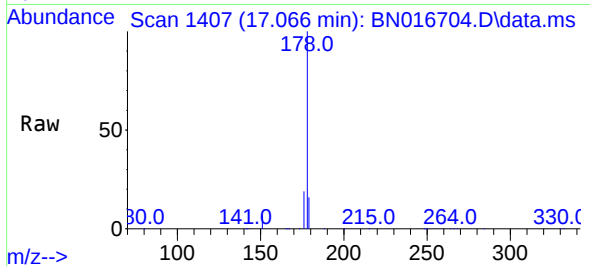
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Phenanthrene
Concen: 0.73 ng m
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24

Tgt Ion:178 Resp: 294301
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.1 12.2 18.4

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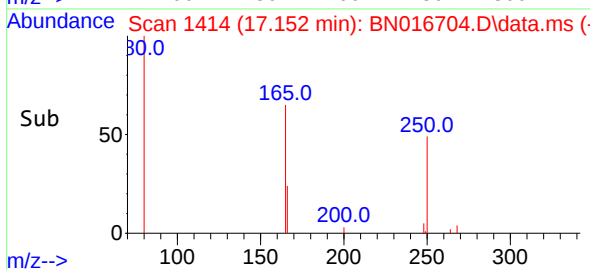
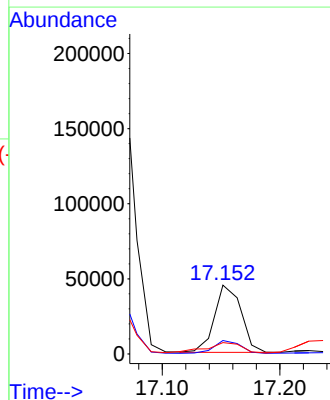
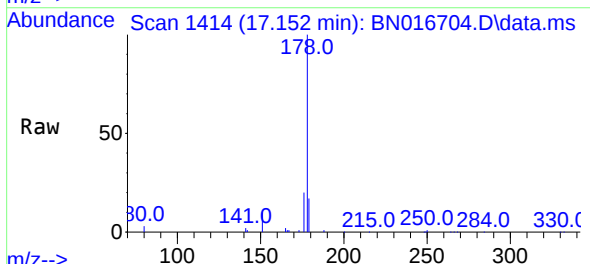
Manual Integrations
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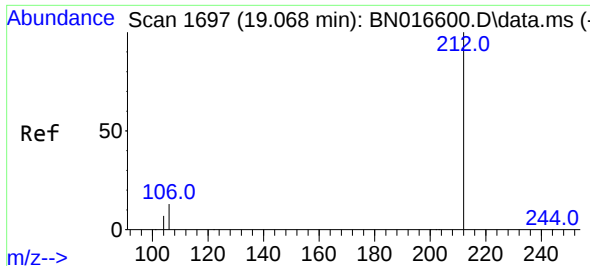
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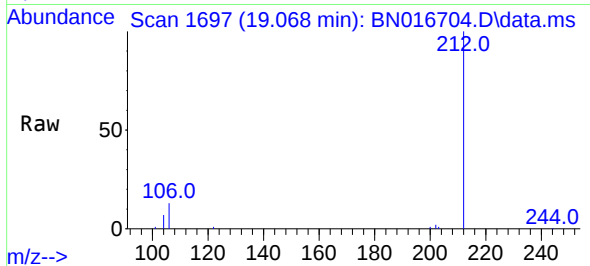
#26
Anthracene
Concen: 0.20 ng
RT: 17.152 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24

Tgt Ion:178 Resp: 70521
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 20.4 12.2 18.4#

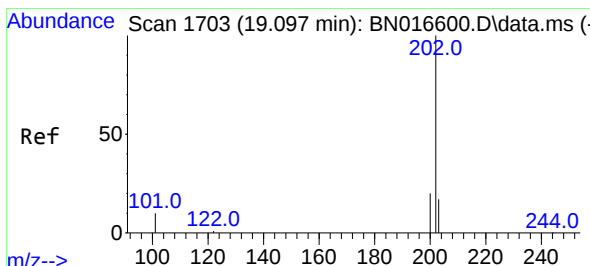
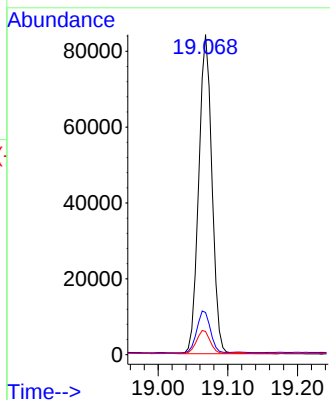
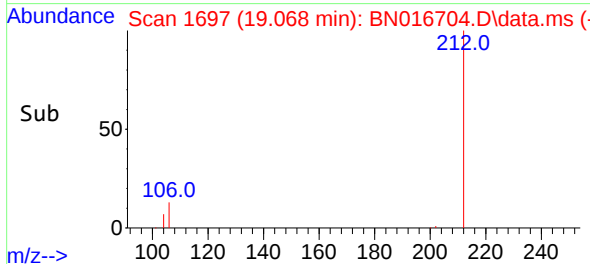




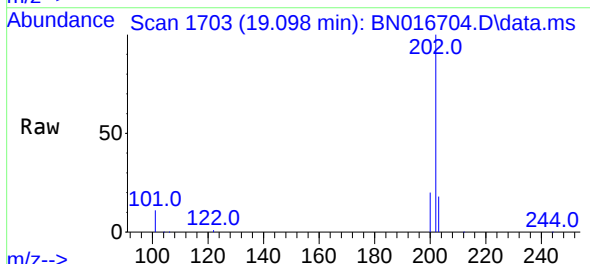
#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



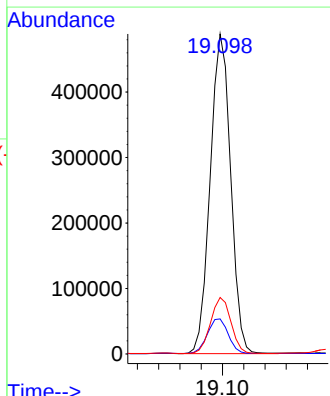
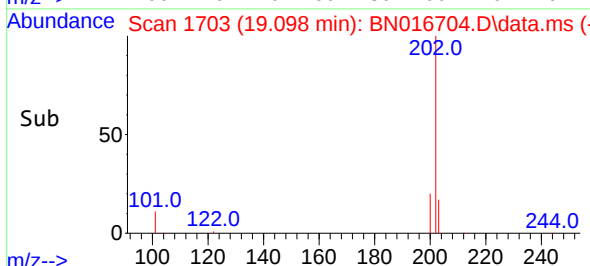
Tgt Ion:212 Resp: 110834
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.3 5.9 8.9



#28
Fluoranthene
Concen: 1.49 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



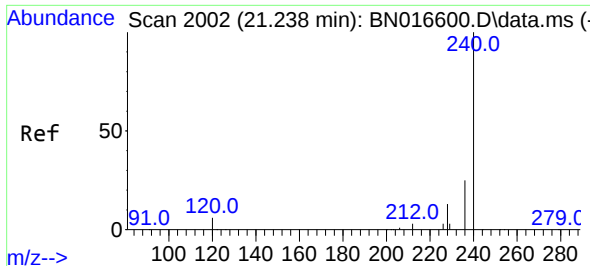
Tgt Ion:202 Resp: 652273
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.4
203 17.4 13.8 20.6



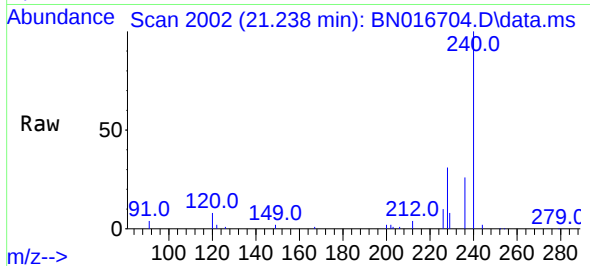
Instrument :
BNA_N
ClientSampleId :
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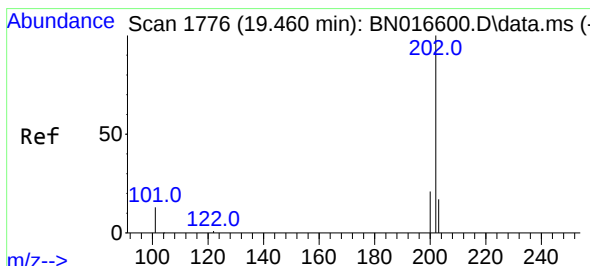
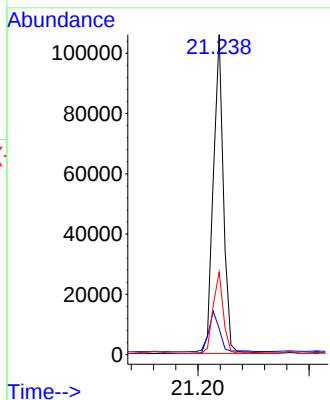
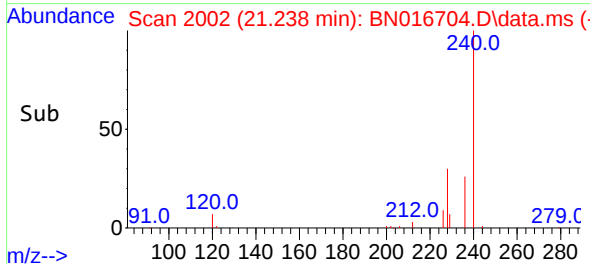
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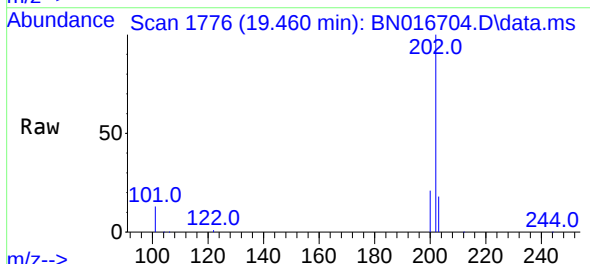
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



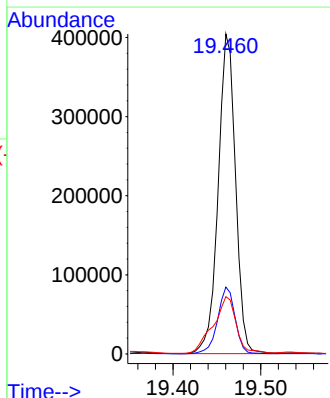
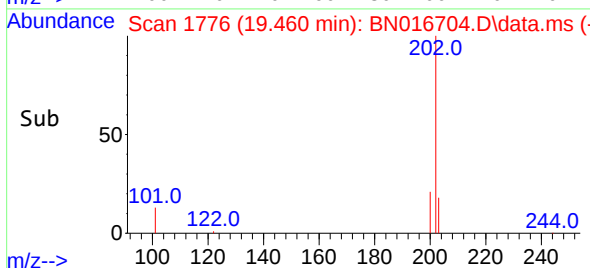
Tgt Ion:240 Resp: 133452
Ion Ratio Lower Upper
240 100
120 8.1 5.0 7.4#
236 25.9 20.4 30.6



#30
Pyrene
Concen: 1.28 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



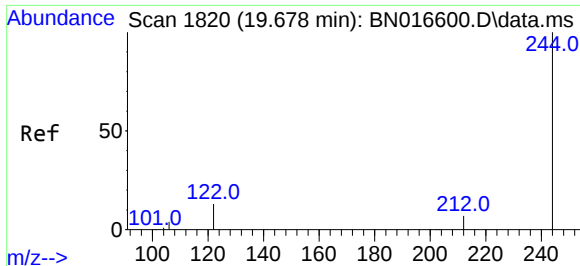
Tgt Ion:202 Resp: 554774
Ion Ratio Lower Upper
202 100
200 20.9 16.5 24.7
203 23.4 14.0 21.0#



Instrument :
BNA_N
ClientSampleId :
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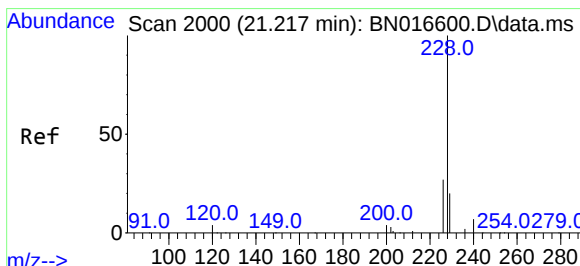
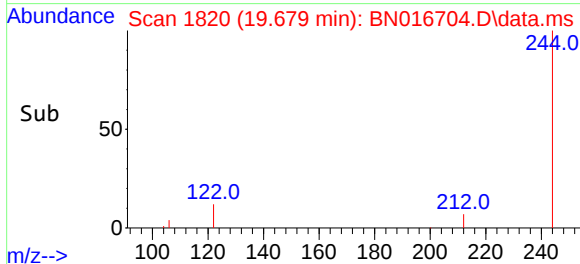
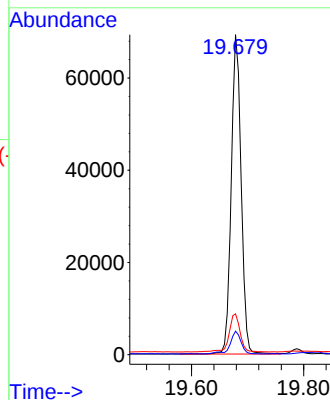
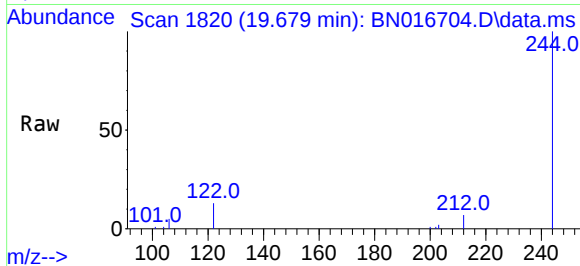
#31
Terphenyl-d14
Concen: 0.29 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24

Tgt Ion:244 Resp: 84888
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.7 10.1 15.1

Instrument :
BNA_N
ClientSampleId :
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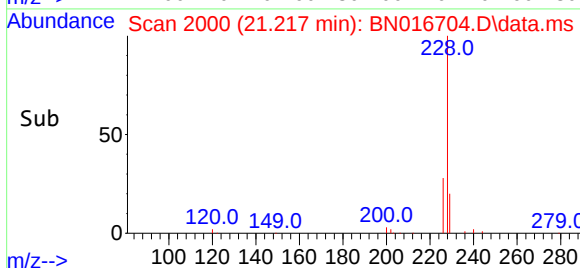
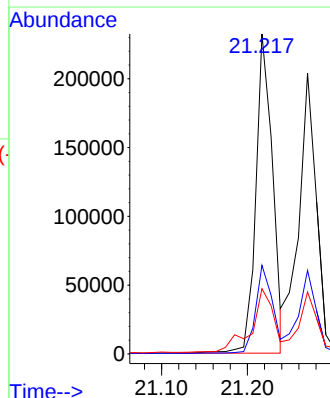
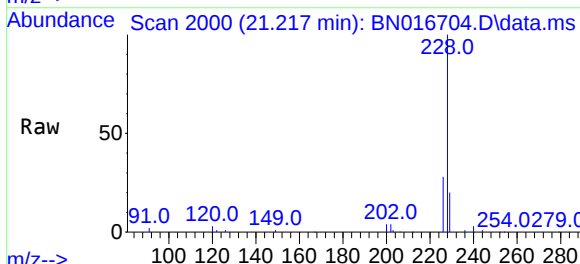
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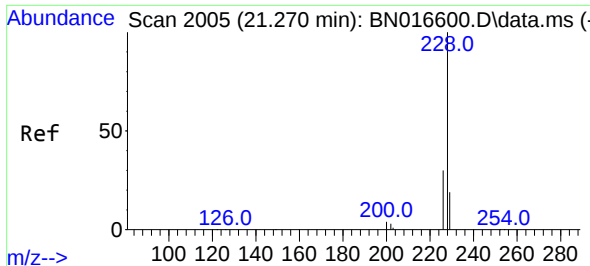
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#32
Benzo(a)anthracene
Concen: 0.77 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24

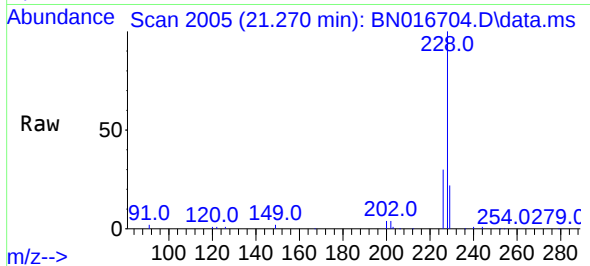
Tgt Ion:228 Resp: 313863
Ion Ratio Lower Upper
228 100
226 27.7 21.9 32.9
229 20.4 15.7 23.5





#33
Chrysene
Concen: 0.70 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24

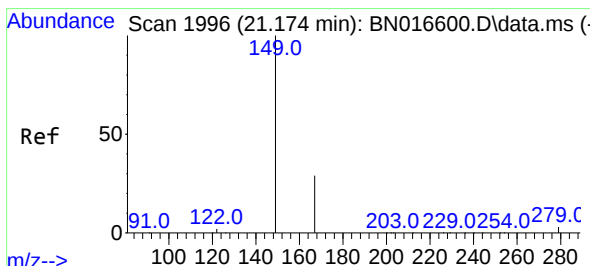
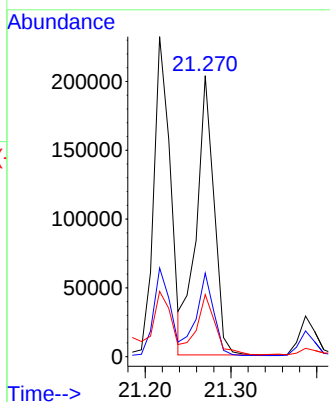
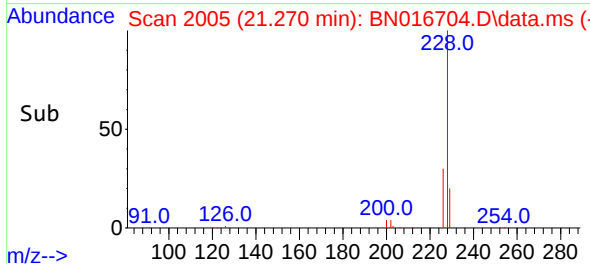
Instrument :
BNA_N
ClientSampleId :
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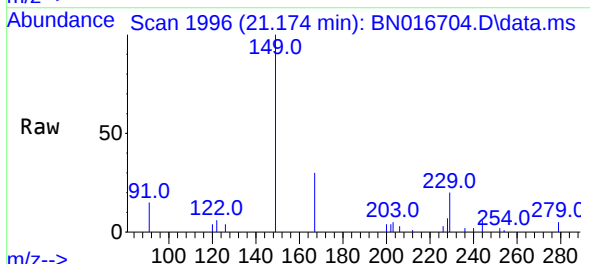
Tgt Ion:228 Resp: 289815
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 22.1 15.5 23.3

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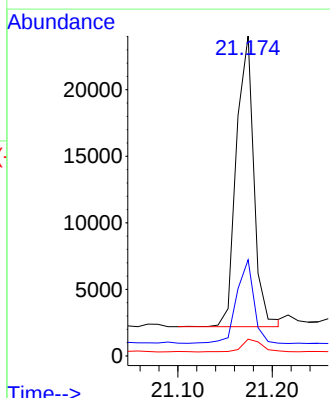
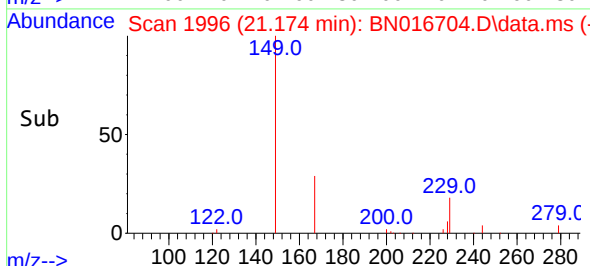
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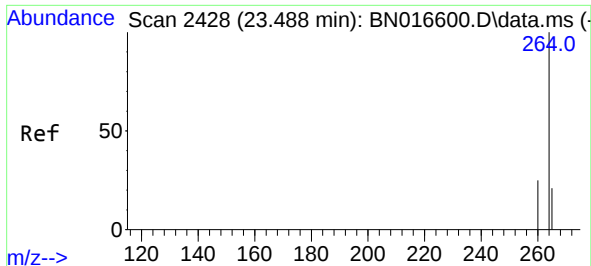


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



Tgt Ion:149 Resp: 28238
Ion Ratio Lower Upper
149 100
167 28.2 22.2 33.4
279 5.0 3.2 4.8#





#35

Perylene-d12

Concen: 0.40 ng

RT: 23.488 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BN016704.D

Acq: 03 Oct 2021 12:24

Tgt Ion:	264	Resp:	90619
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.9	29.9
265	28.2	19.2	28.8

Instrument :

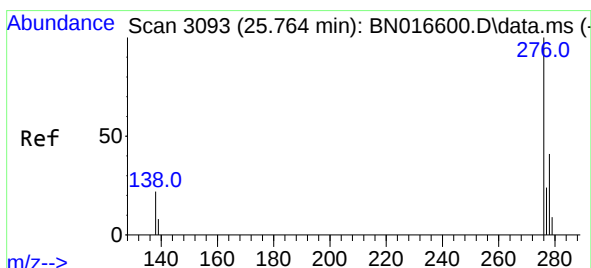
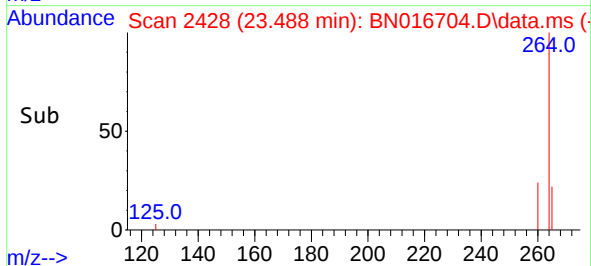
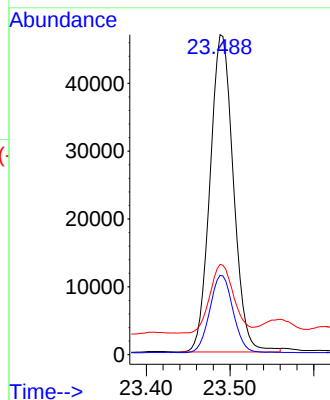
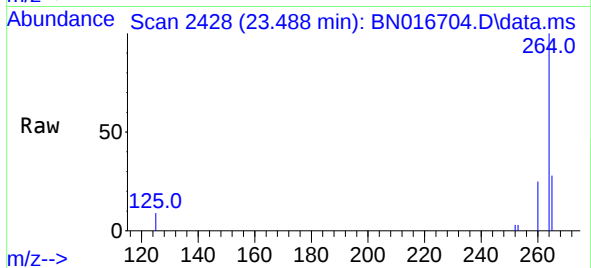
BNA_N

ClientSampleId :

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#36

Indeno(1,2,3-cd)pyrene

Concen: 0.21 ng

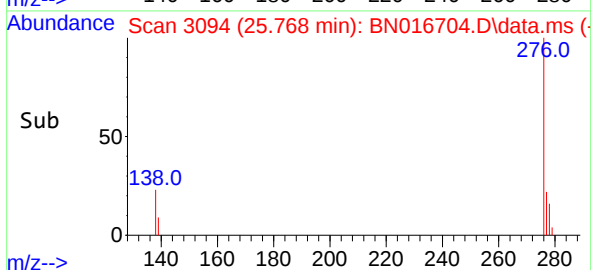
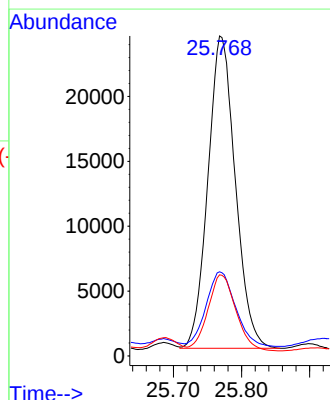
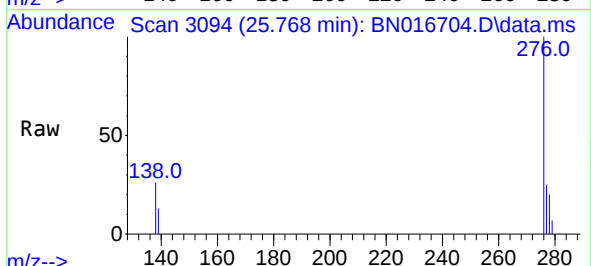
RT: 25.768 min Scan# 3094

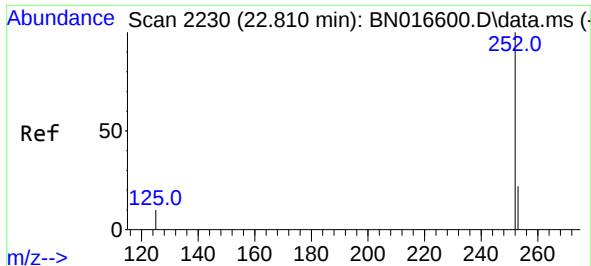
Delta R.T. 0.004 min

Lab File: BN016704.D

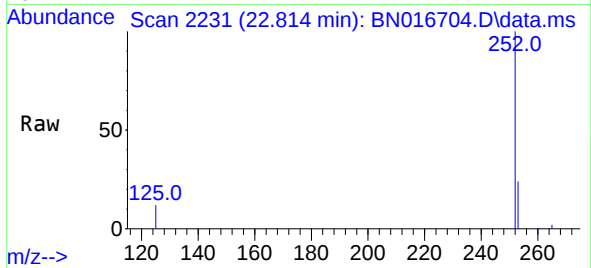
Acq: 03 Oct 2021 12:24

Tgt Ion:	276	Resp:	67268
Ion Ratio	Lower	Upper	
276	100		
138	25.5	19.5	29.3
277	24.8	19.9	29.9

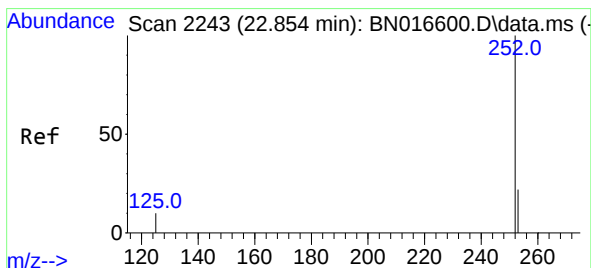
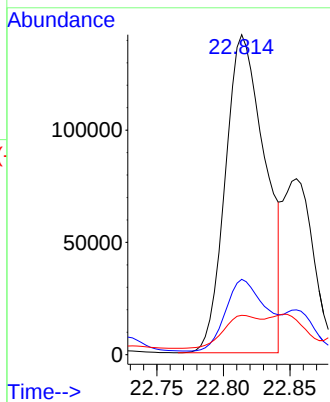
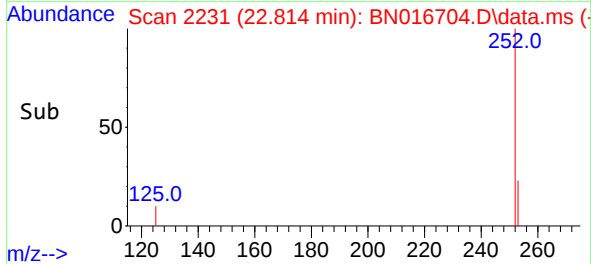




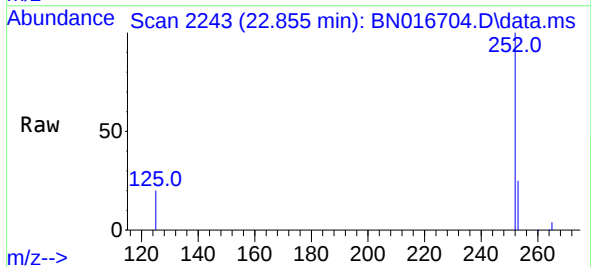
#37
Benzo(b)fluoranthene
Concen: 1.01 ng
RT: 22.814 min Scan# 2231
Delta R.T. 0.004 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



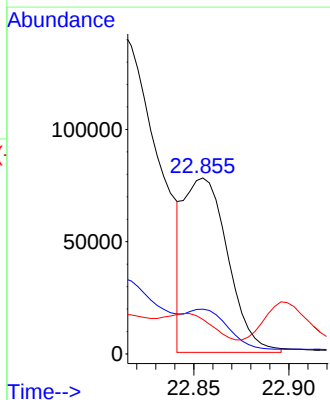
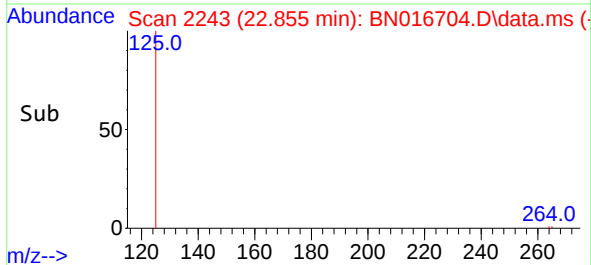
Tgt Ion:252 Resp: 294968
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 12.3 8.0 12.0#



#38
Benzo(k)fluoranthene
Concen: 0.43 ng m
RT: 22.855 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BN016704.D
Acq: 03 Oct 2021 12:24



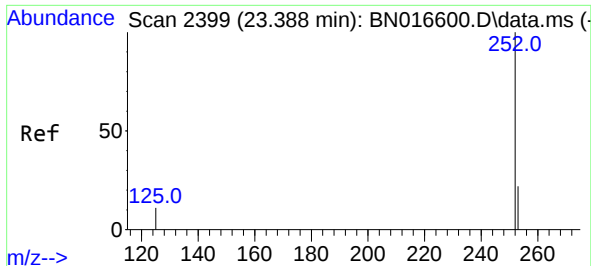
Tgt Ion:252 Resp: 124494
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.6
125 19.7 8.0 12.0#



Instrument :
BNA_N
ClientSampleId :
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#39

Benzo(a)pyrene

Concen: 0.67 ng

RT: 23.389 min Scan# 2399

Delta R.T. 0.000 min

Lab File: BN016704.D

Acq: 03 Oct 2021 12:24

Tgt Ion:	252	Resp:	173229
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	13.6	9.0	13.4#

Instrument :

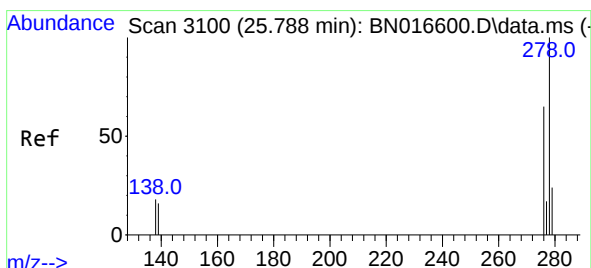
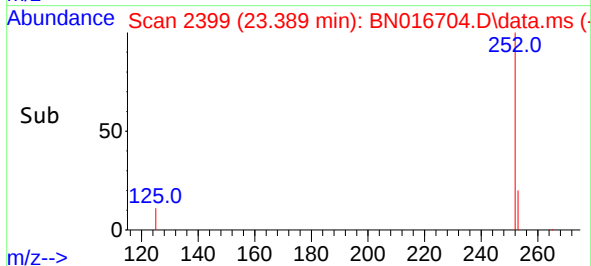
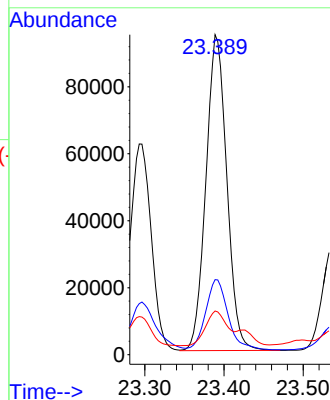
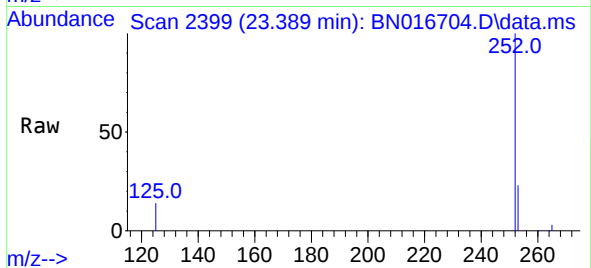
BNA_N

ClientSampleId :

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#40

Dibenzo(a,h)anthracene

Concen: 0.08 ng

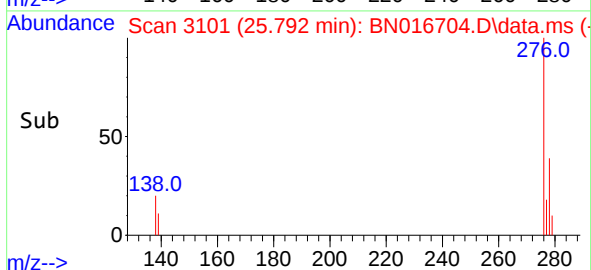
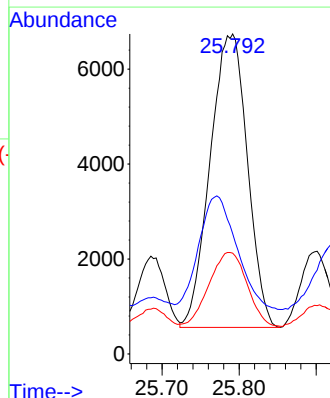
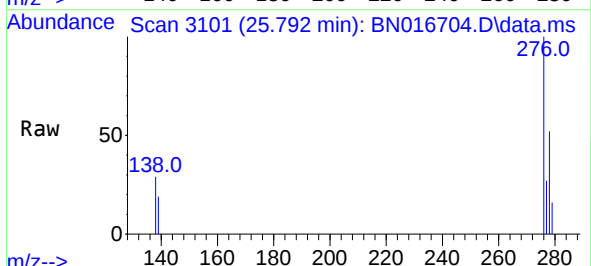
RT: 25.792 min Scan# 3101

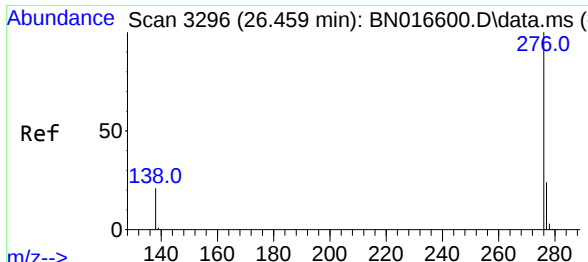
Delta R.T. 0.004 min

Lab File: BN016704.D

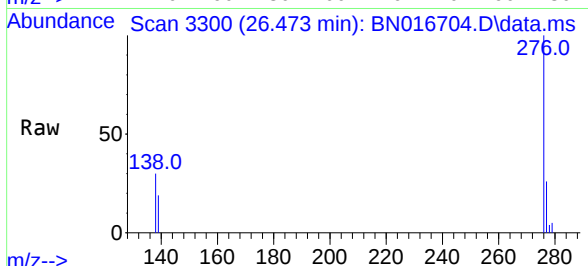
Acq: 03 Oct 2021 12:24

Tgt Ion:	278	Resp:	20762
Ion Ratio	Lower	Upper	
278	100		
139	37.6	13.1	19.7#
279	31.5	19.1	28.7#

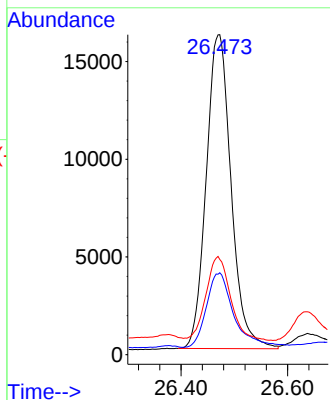
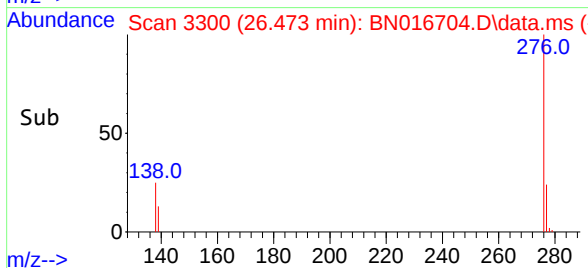




#41
 Benzo(g,h,i)perylene
 Concen: 0.18 ng
 RT: 26.473 min Scan# 3300
 Delta R.T. 0.014 min
 Lab File: BN016704.D
 Acq: 03 Oct 2021 12:24



Tgt Ion:	276	Resp:	52216
Ion Ratio	Lower	Upper	
276	100		
277	25.6	19.0	28.6
138	29.8	16.9	25.3#



Instrument :
 BNA_N
 ClientSampleId :
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