

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016736.D
 Acq On : 05 Oct 2021 08:13
 Operator : CG/JU
 Sample : M3892-08DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-823-N-SO-1-1.5-092221DL

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Quant Time: Oct 05 10:18:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27802	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	125895	0.40	ng	# 0.00
13) Acenaphthene-d10	14.268	164	66495	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	132981	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	140291	0.40	ng	0.00
35) Perylene-d12	23.491	264	154303	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	3419	0.05	ng	0.00
5) Phenol-d6	6.822	99	3331	0.04	ng	0.00
8) Nitrobenzene-d5	8.784	82	3443	0.04	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	9313	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	1324	0.15	ng	-0.01
15) 2-Fluorobiphenyl	12.898	172	12039	0.05	ng	0.00
27) Fluoranthene-d10	19.068	212	17720	0.05	ng	0.00
31) Terphenyl-d14	19.678	244	14566	0.05	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.066	178	92745	0.24	ng	98
26) Anthracene	17.151	178	30953	0.09	ng	96
28) Fluoranthene	19.097	202	999400	2.30	ng	100
30) Pyrene	19.460	202	868029	1.88	ng	# 94
32) Benzo(a)anthracene	21.217	228	678679	1.56	ng	99
33) Chrysene	21.270	228	588178m	1.33	ng	
34) Bis(2-ethylhexyl)phtha...	21.174	149	9473	0.04	ng	94
36) Indeno(1,2,3-cd)pyrene	25.771	276	487847	1.00	ng	97
37) Benzo(b)fluoranthene	22.817	252	1019287	2.04	ng	99
38) Benzo(k)fluoranthene	22.854	252	380472m	0.79	ng	
39) Benzo(a)pyrene	23.392	252	731553	1.64	ng	98
40) Dibenzo(a,h)anthracene	25.784	278	119391	0.31	ng	# 93
41) Benzo(g,h,i)perylene	26.469	276	480437	1.10	ng	99

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

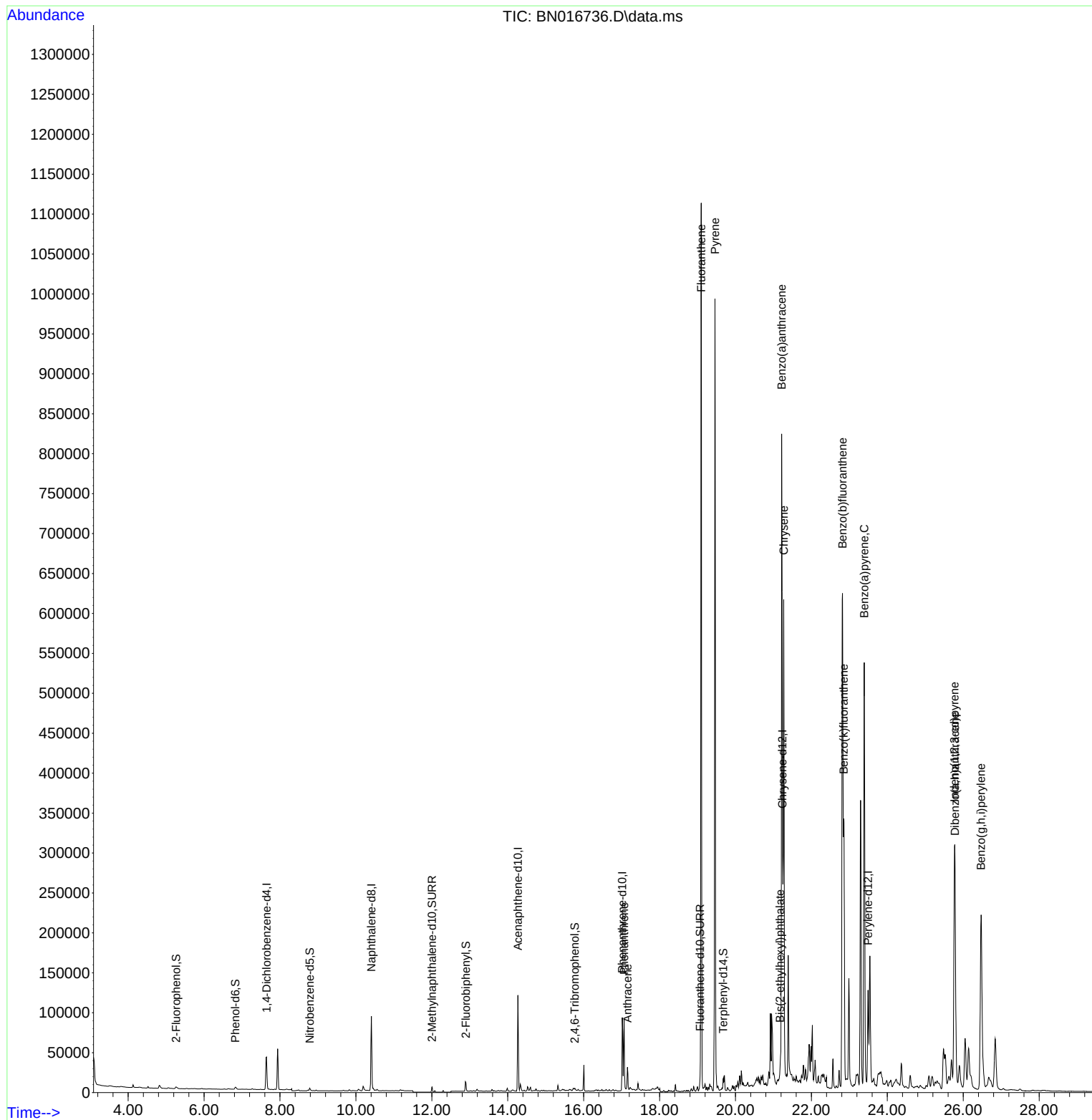
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Data File : BN016736.D
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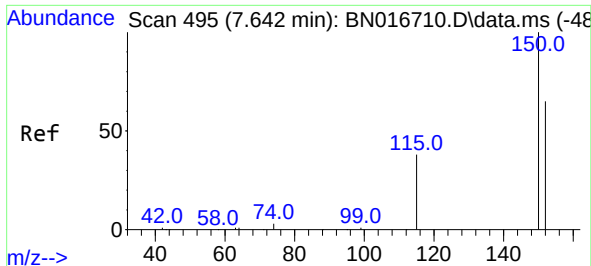
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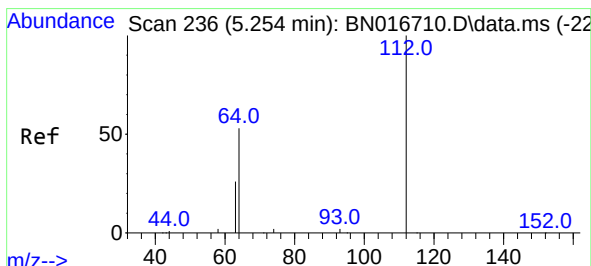
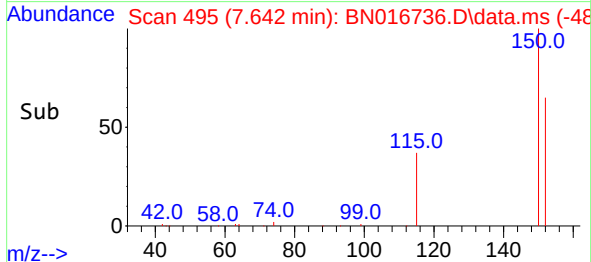
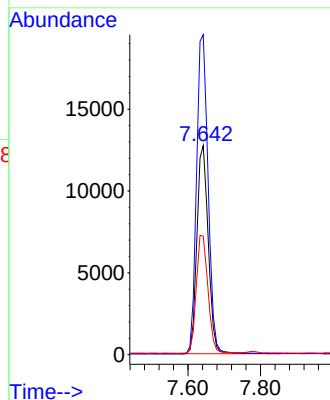
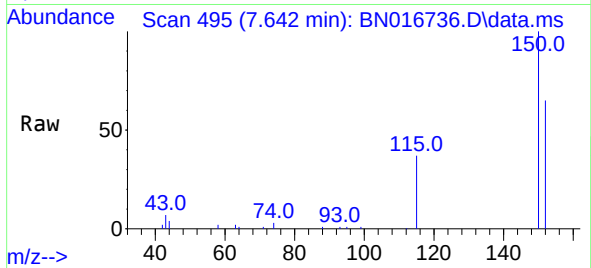
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Tgt Ion:152 Resp: 27802
Ion Ratio Lower Upper
152 100
150 153.0 123.3 184.9
115 56.7 47.0 70.6

Instrument :
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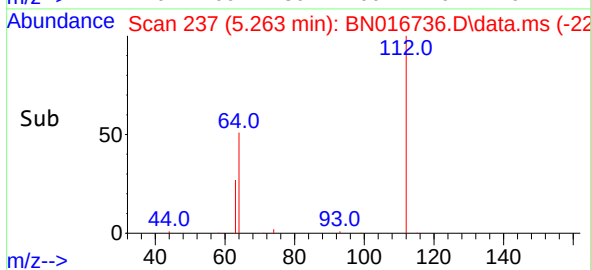
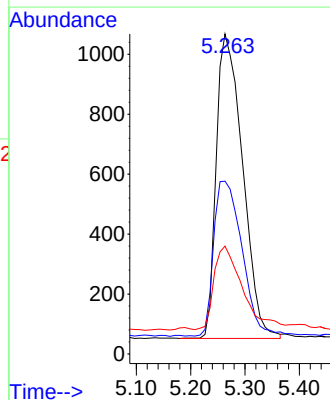
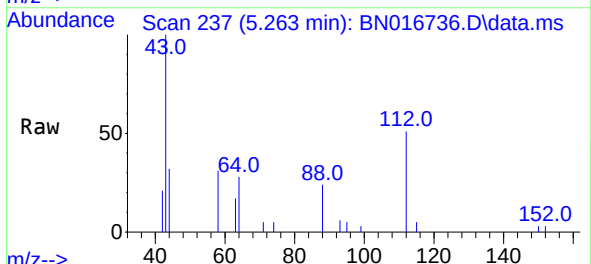
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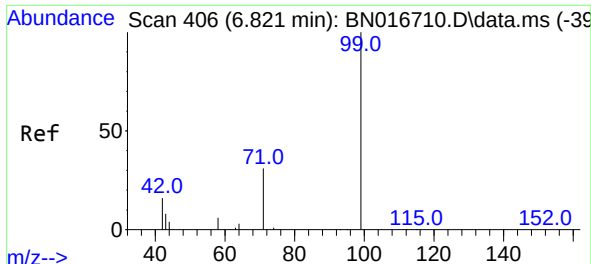
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#4
2-Fluorophenol
Concen: 0.05 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

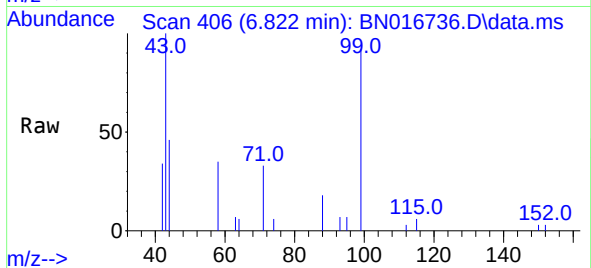
Tgt Ion:112 Resp: 3419
Ion Ratio Lower Upper
112 100
64 54.2 42.9 64.3
63 29.7 21.5 32.3





#5
Phenol-d6
Concen: 0.04 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

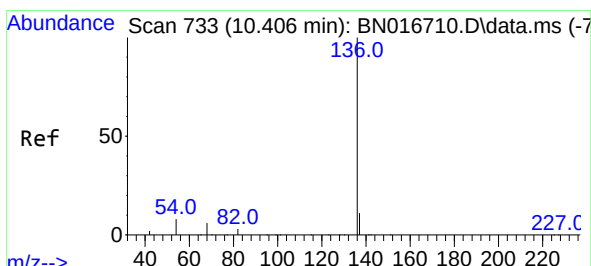
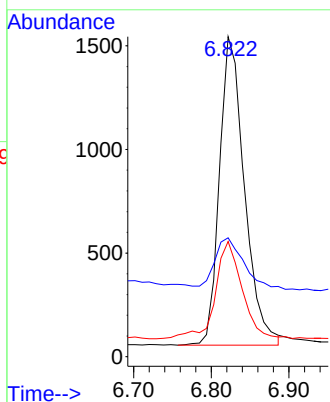
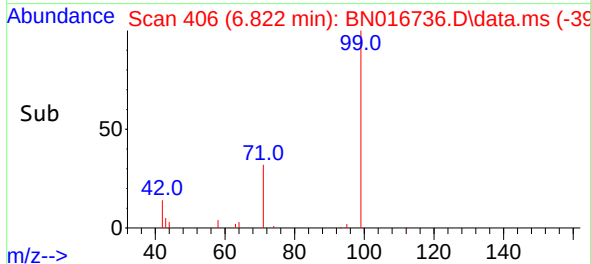
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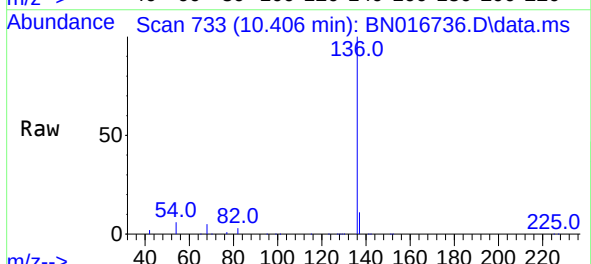
Tgt Ion: 99 Resp: 3331
Ion Ratio Lower Upper
99 100
42 16.9 13.4 20.2
71 32.9 24.0 36.0

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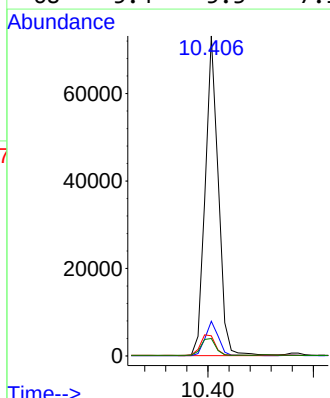
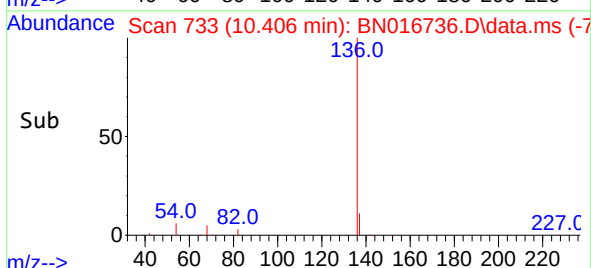
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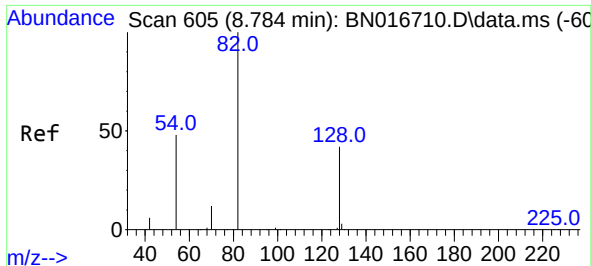


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



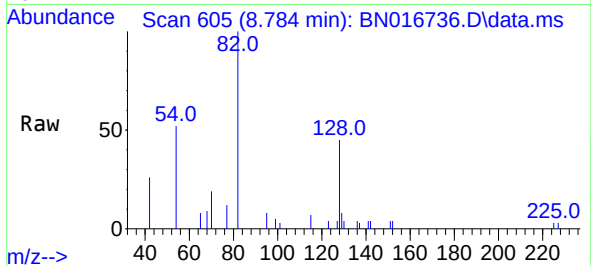
Tgt Ion: 136 Resp: 125895
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.3 6.5 9.7#
68 5.4 5.3 7.9





#8
Nitrobenzene-d5
Concen: 0.04 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

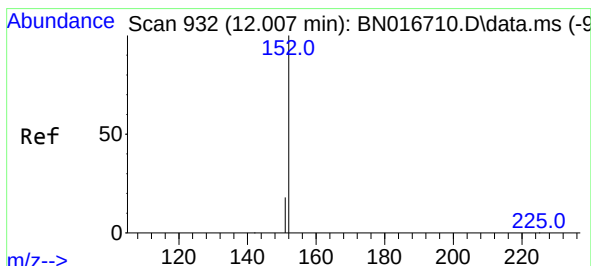
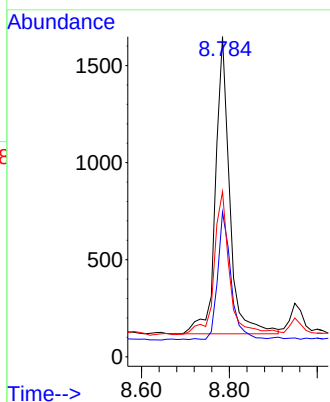
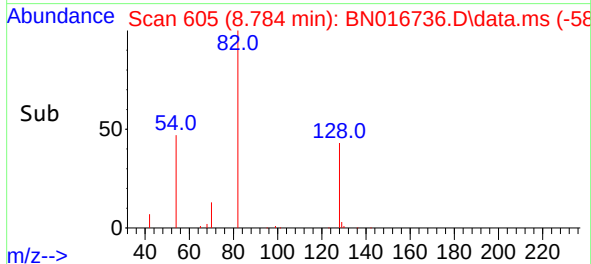
Instrument :
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S-823-N-SO-1-1.5-092221DL



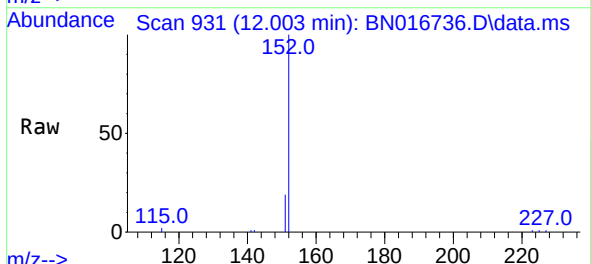
Tgt Ion: 82 Resp: 3443
Ion Ratio Lower Upper
82 100
128 45.2 33.8 50.6
54 51.6 38.5 57.7

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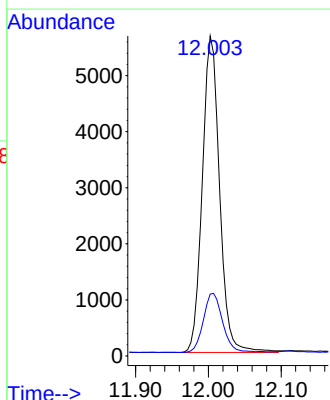
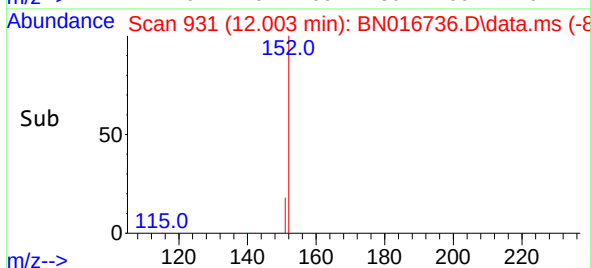
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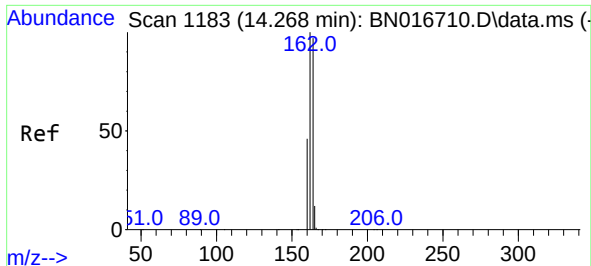


#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

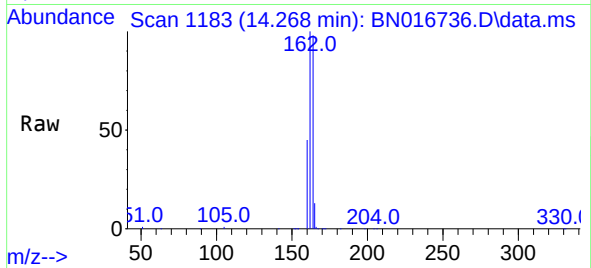


Tgt Ion: 152 Resp: 9313
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4

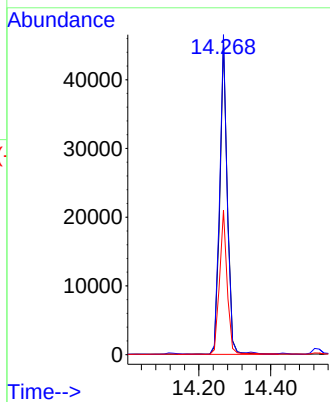
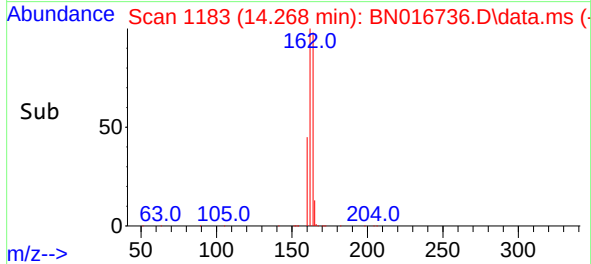




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



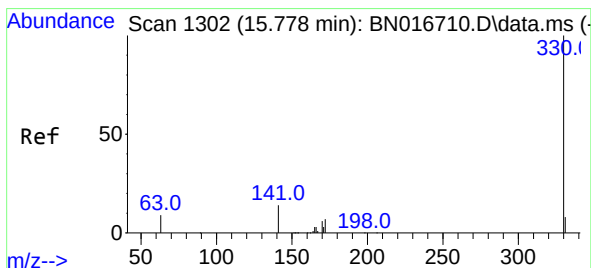
Tgt Ion:164 Resp: 66495
Ion Ratio Lower Upper
164 100
162 101.7 82.6 124.0
160 45.9 38.2 57.2



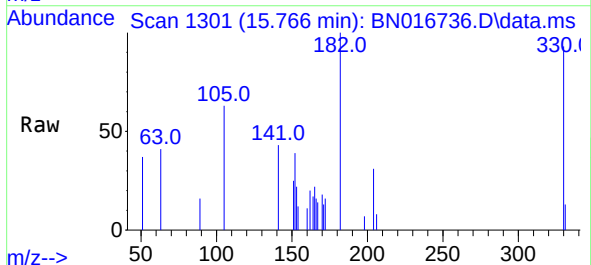
Instrument :
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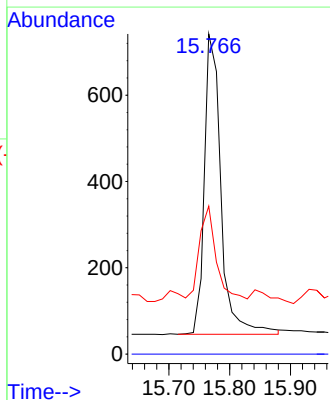
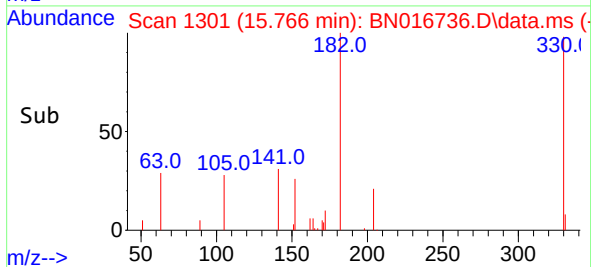
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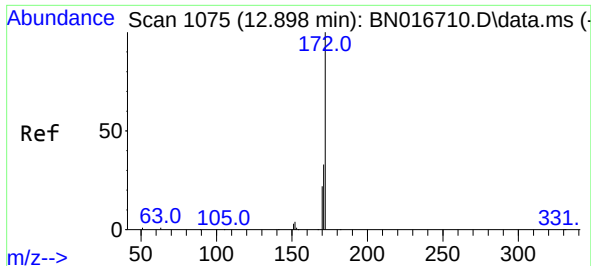


#14
2,4,6-Tribromophenol
Concen: 0.15 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

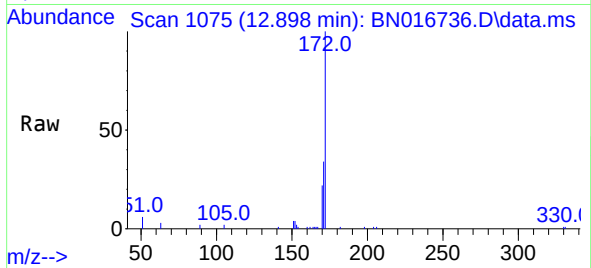


Tgt Ion:330 Resp: 1324
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.1 24.2 36.2

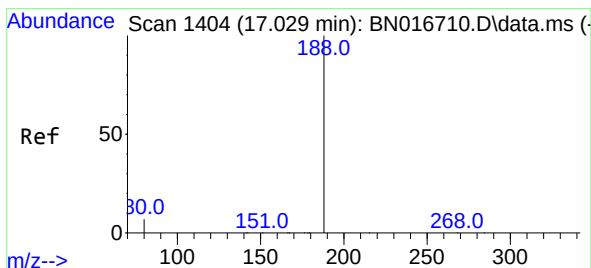
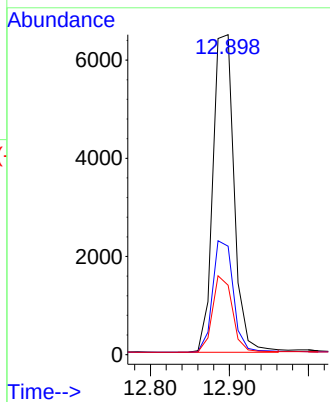
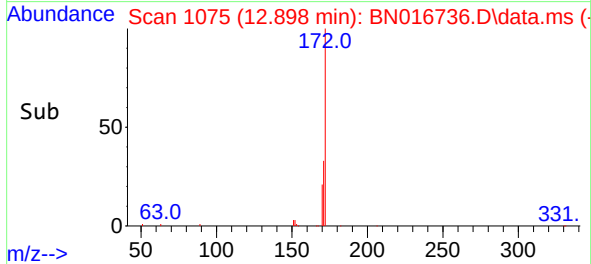




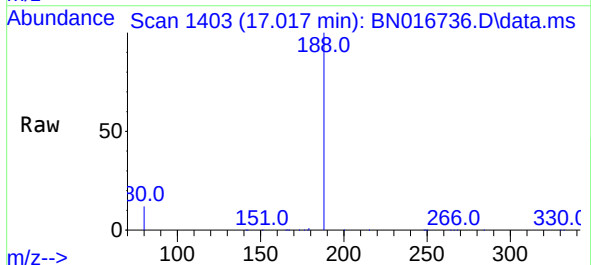
#15
2-Fluorobiphenyl
Concen: 0.05 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



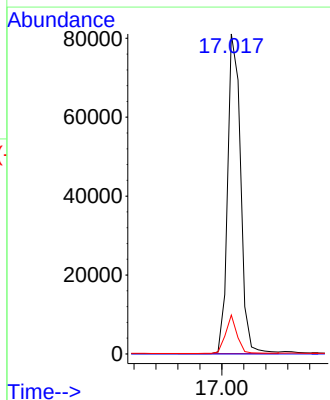
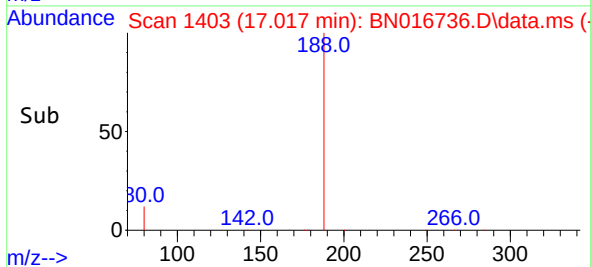
Tgt Ion:	172	Resp:	12039
Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.9	40.3
170	21.7	17.4	26.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



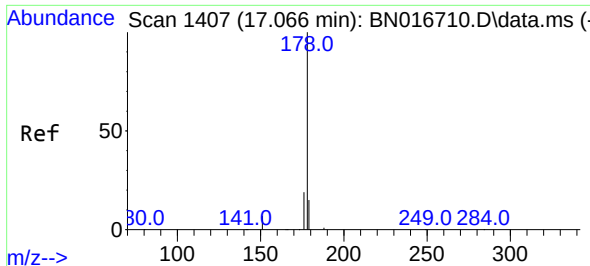
Tgt Ion:	188	Resp:	132981
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	5.8	8.8#



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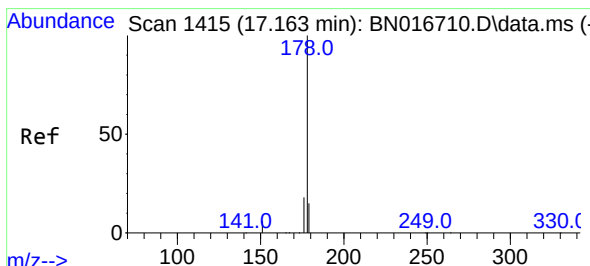
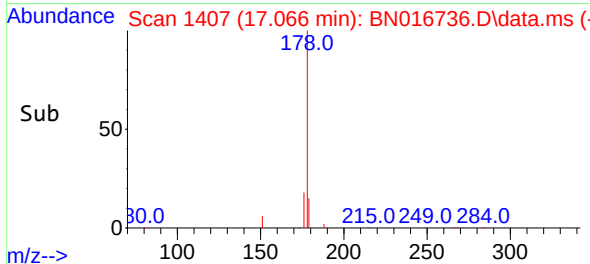
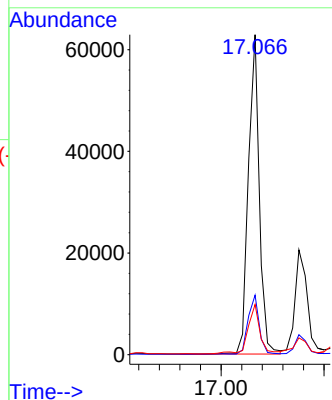
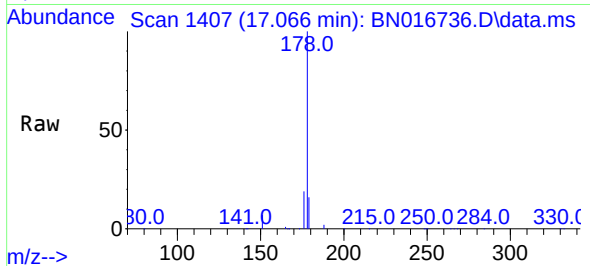
#25
Phenanthrene
Concen: 0.24 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Tgt Ion:	178	Resp:	92745
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	16.8	12.4	18.6

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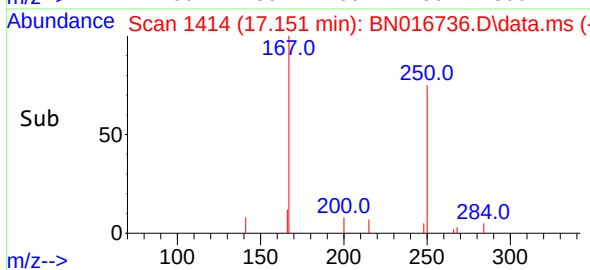
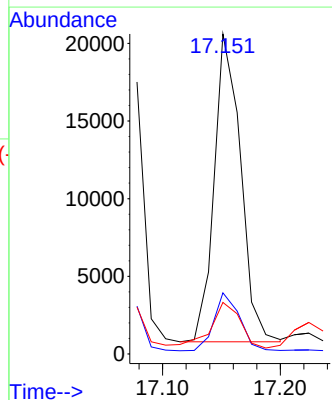
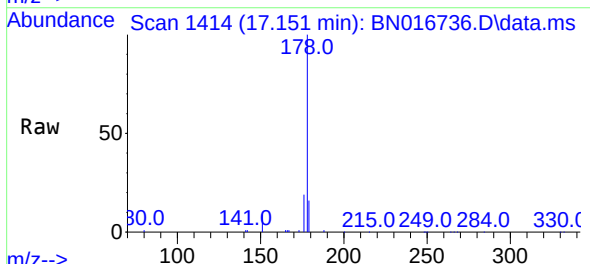
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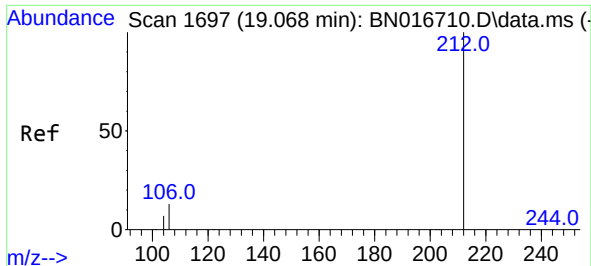
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#26
Anthracene
Concen: 0.09 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Tgt Ion:	178	Resp:	30953
Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.5	21.7
179	16.8	12.2	18.4





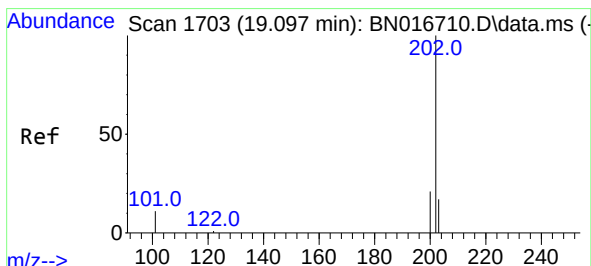
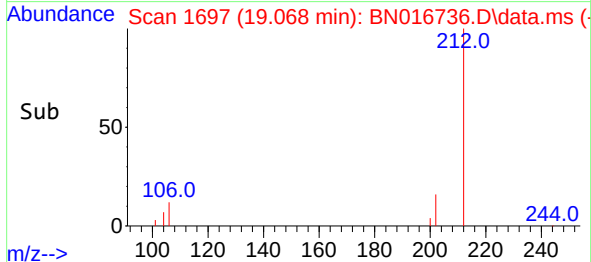
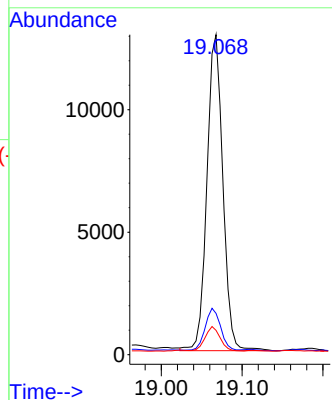
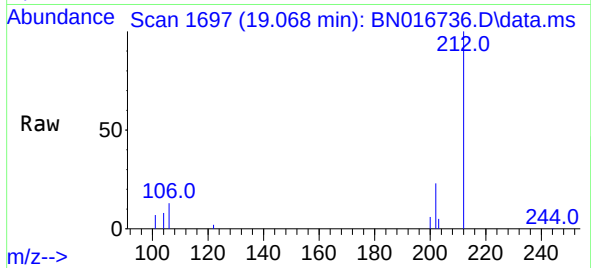
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Fluoranthene-d10
Concen: 0.05 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016736.D
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Tgt Ion:212 Resp: 17720
Ion Ratio Lower Upper
212 100
106 12.6 10.6 16.0
104 7.4 5.8 8.8

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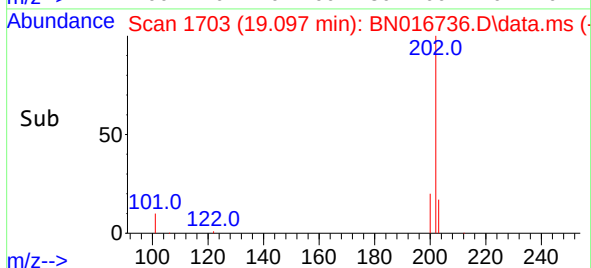
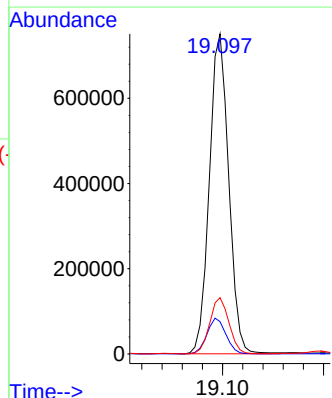
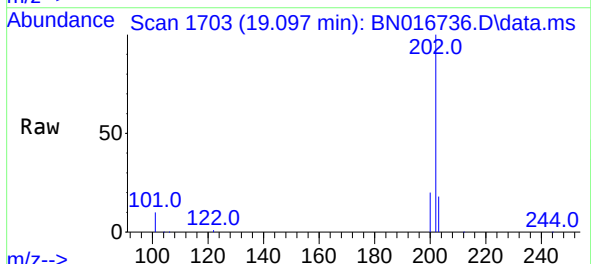
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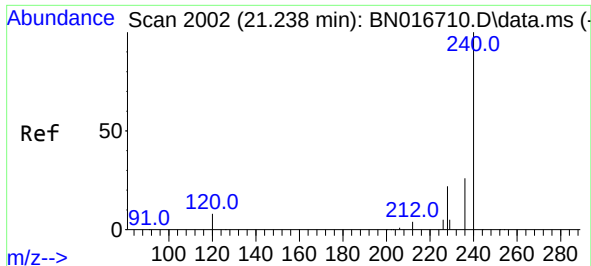
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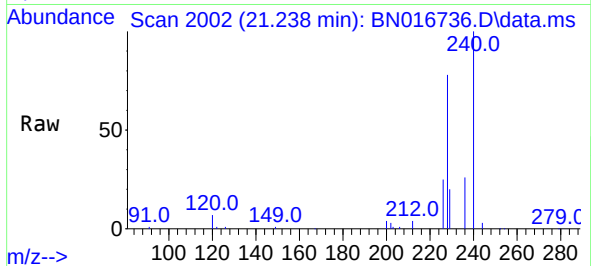
#28
Fluoranthene
Concen: 2.30 ng
RT: 19.097 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016736.D
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Tgt Ion:202 Resp: 999400
Ion Ratio Lower Upper
202 100
101 10.9 8.9 13.3
203 17.4 13.8 20.8

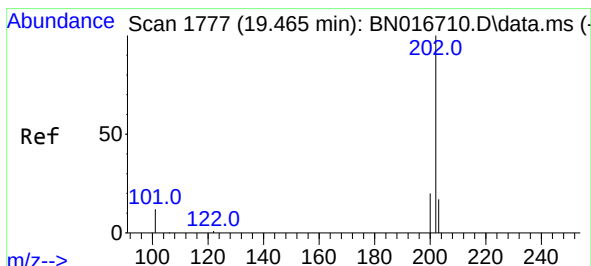
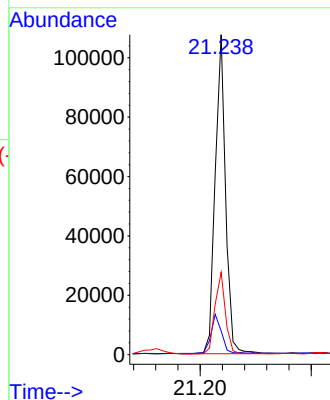
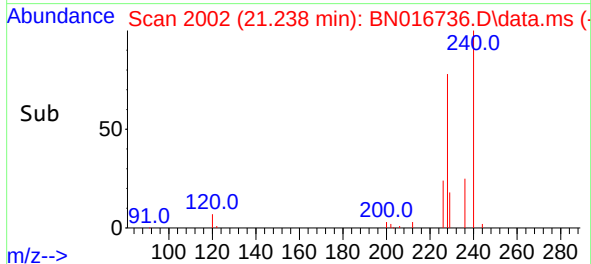




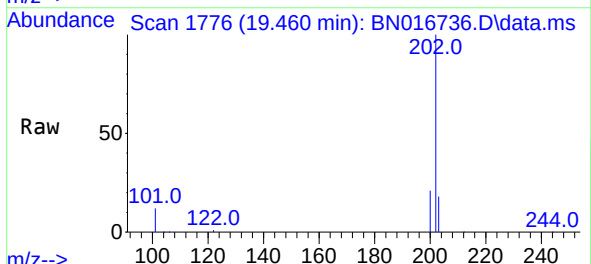
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



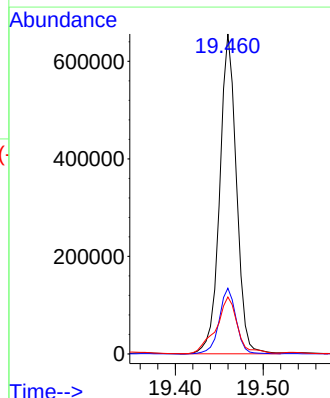
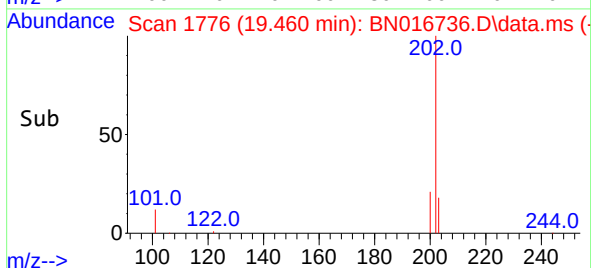
Tgt Ion:240 Resp: 140291
Ion Ratio Lower Upper
240 100
120 7.4 6.6 10.0
236 25.7 20.7 31.1



#30
Pyrene
Concen: 1.88 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



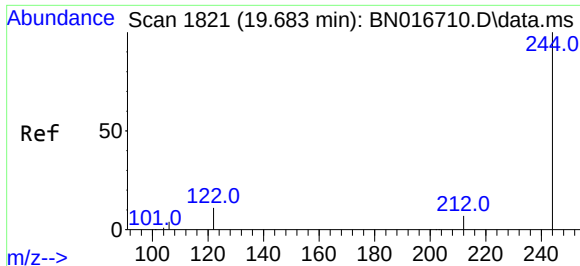
Tgt Ion:202 Resp: 868029
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 22.6 13.9 20.9#



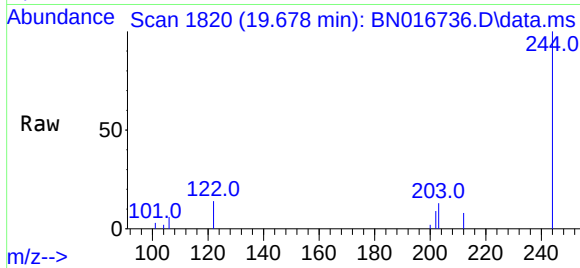
Instrument :
BNA_N
ClientSampleId :
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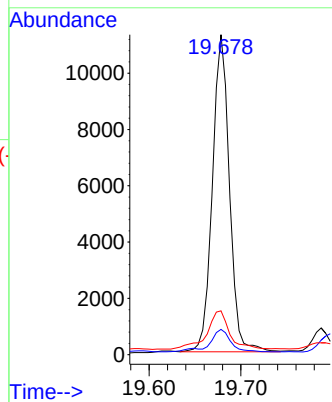
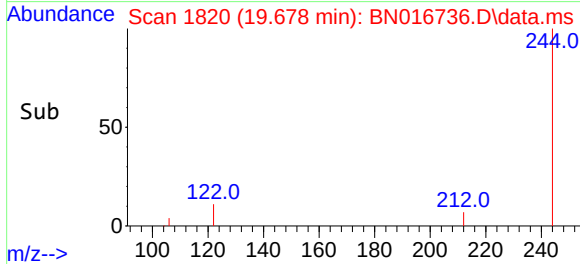
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#31
Terphenyl-d14
Concen: 0.05 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



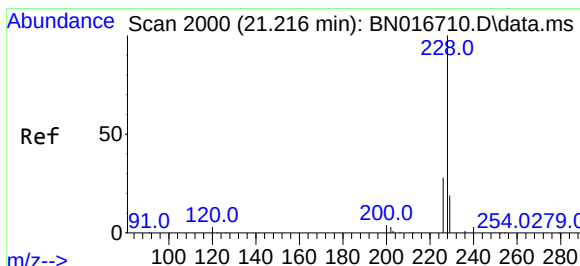
Tgt Ion:244 Resp: 14566
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 13.7 8.9 13.3#



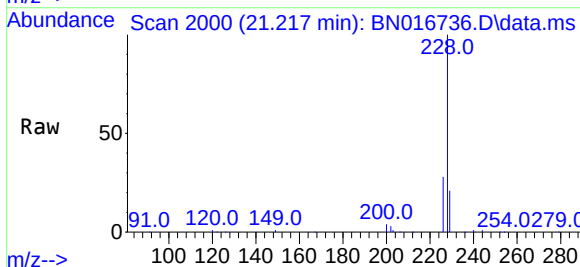
Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221DL

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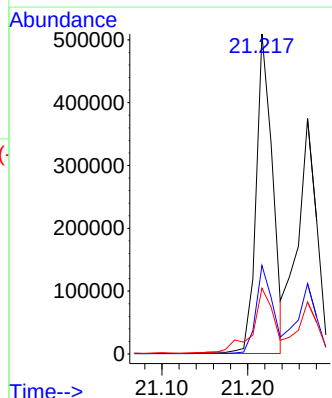
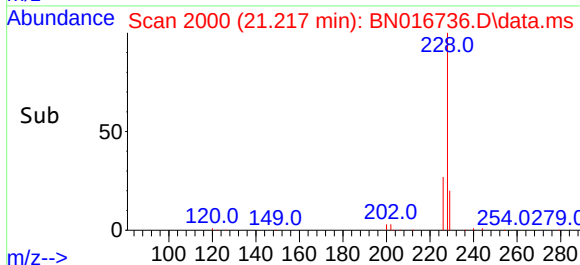
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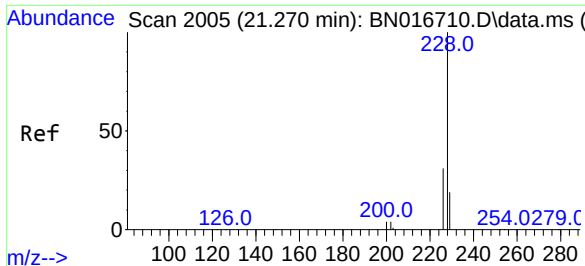


#32
Benzo(a)anthracene
Concen: 1.56 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



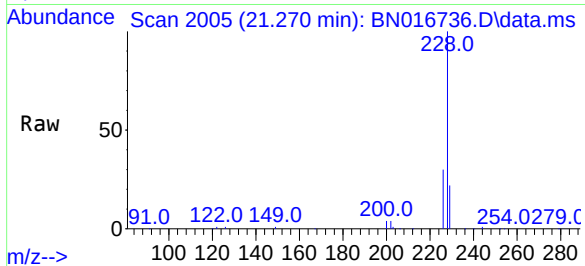
Tgt Ion:228 Resp: 678679
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 20.5 15.4 23.0





#33
Chrysene
Concen: 1.33 ng m
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

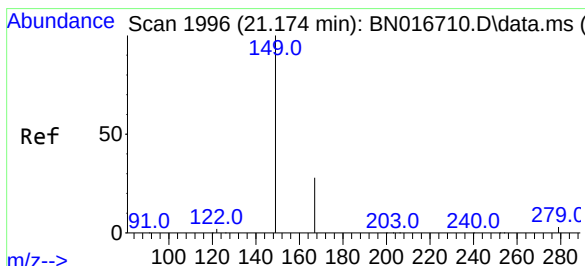
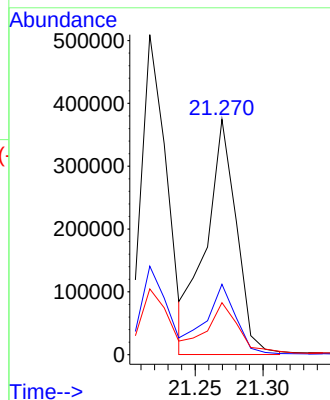
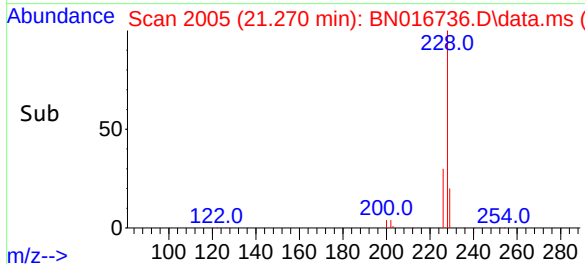
Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221DL



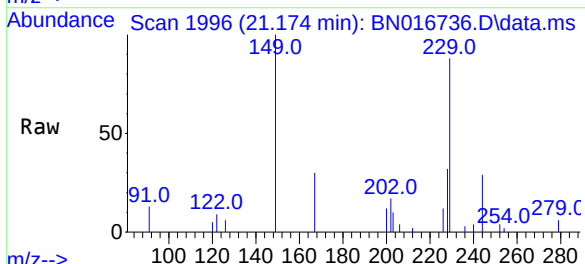
Tgt Ion:228 Resp: 588178
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.4
229 22.1 15.4 23.0

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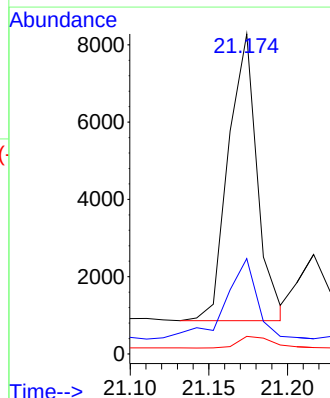
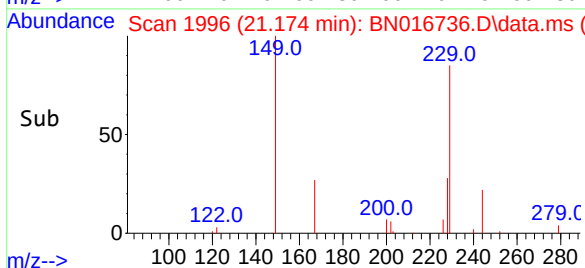
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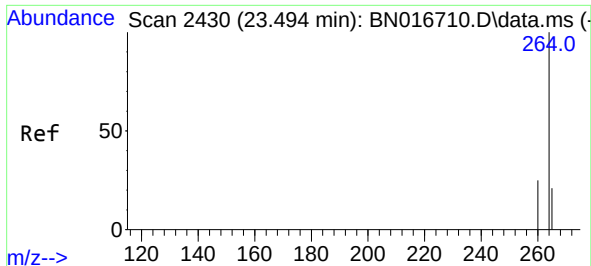


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

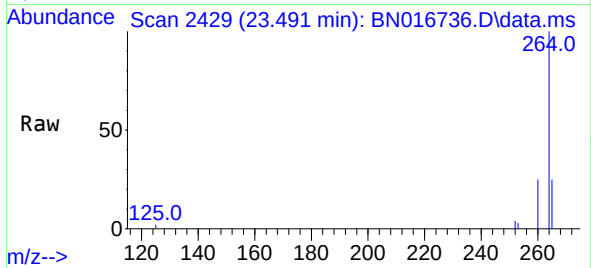


Tgt Ion:149 Resp: 9473
Ion Ratio Lower Upper
149 100
167 31.3 22.2 33.4
279 5.0 3.4 5.2

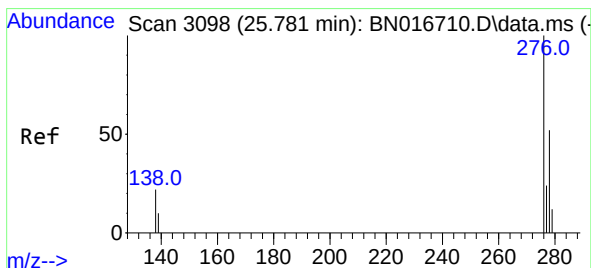
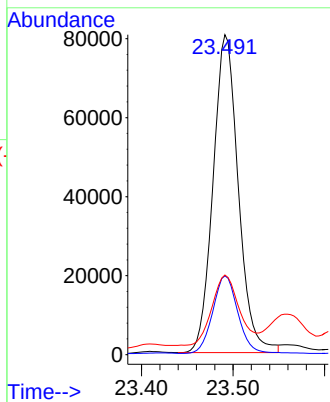
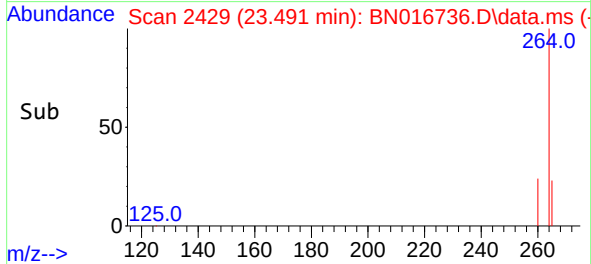




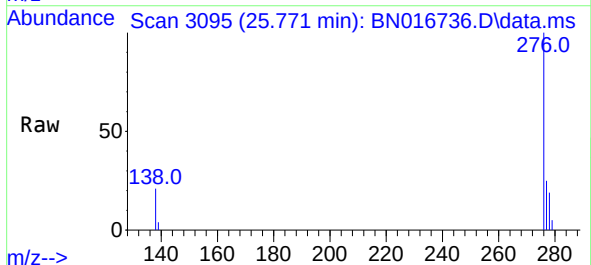
#35
Perylene-d12
Concen: 0.40 ng
RT: 23.491 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



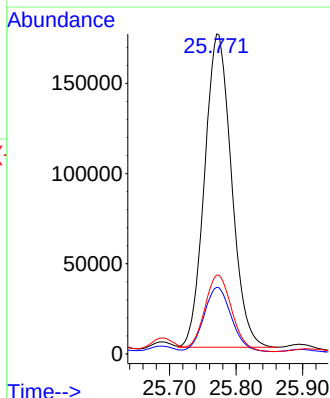
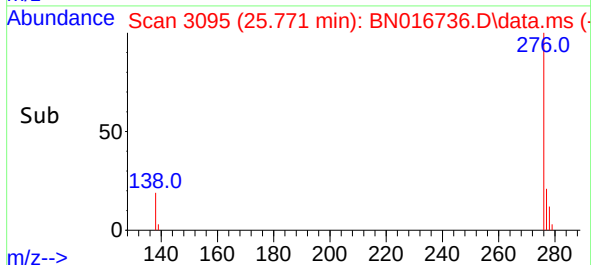
Tgt Ion:264 Resp: 154303
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 24.9 20.3 30.5



#36
Indeno(1,2,3-cd)pyrene
Concen: 1.00 ng
RT: 25.771 min Scan# 3095
Delta R.T. -0.010 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



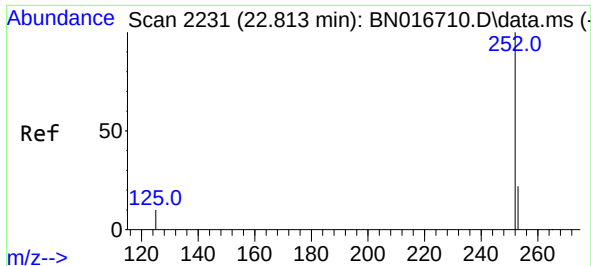
Tgt Ion:276 Resp: 487847
Ion Ratio Lower Upper
276 100
138 20.9 19.2 28.8
277 24.8 20.0 30.0



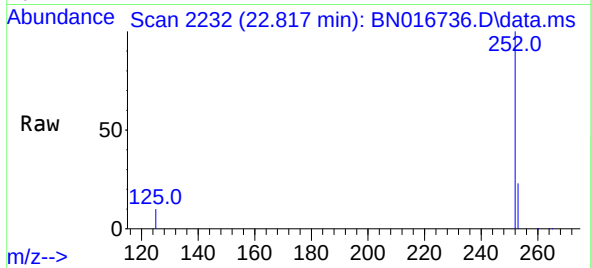
Instrument :
BNA_N
ClientSampleId :
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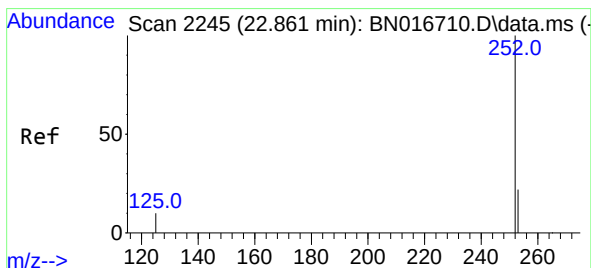
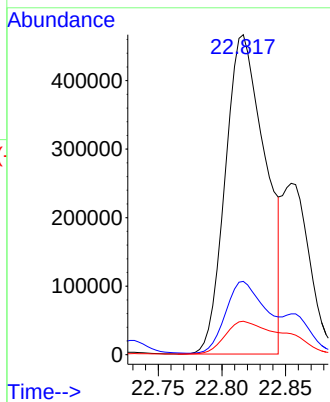
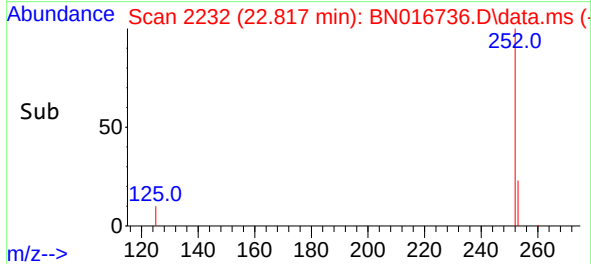
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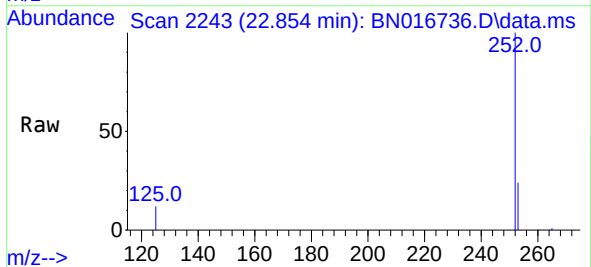
#37
Benzo(b)fluoranthene
Concen: 2.04 ng
RT: 22.817 min Scan# 2232
Delta R.T. 0.004 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



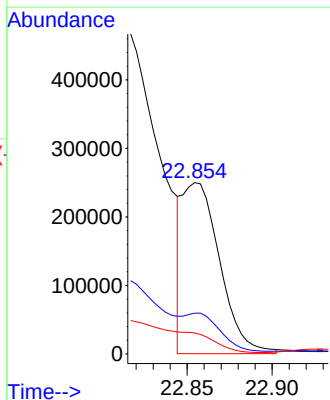
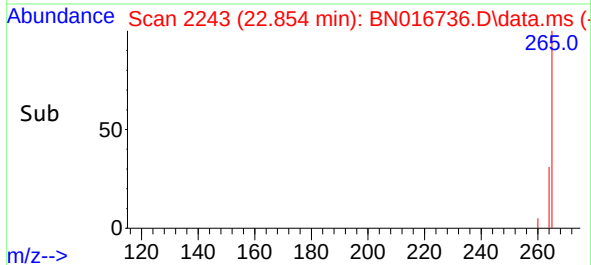
Tgt Ion:252 Resp: 1019287
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.5 8.3 12.5



#38
Benzo(k)fluoranthene
Concen: 0.79 ng m
RT: 22.854 min Scan# 2243
Delta R.T. -0.007 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13



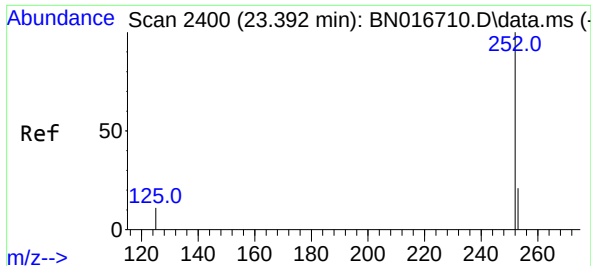
Tgt Ion:252 Resp: 380472
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 12.2 8.5 12.7



Instrument :
BNA_N
ClientSampleId :
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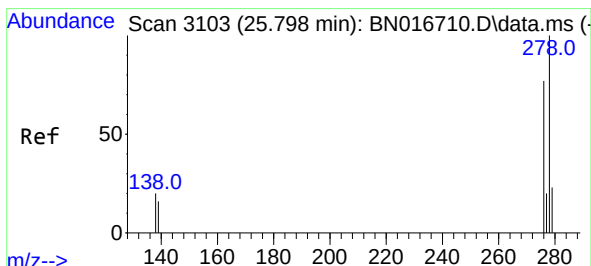
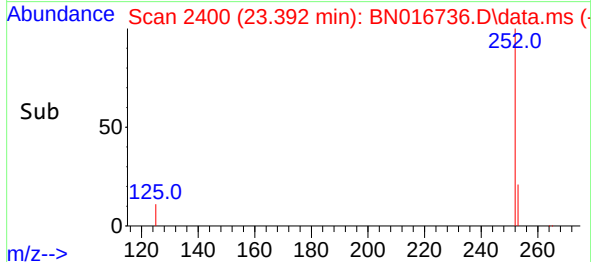
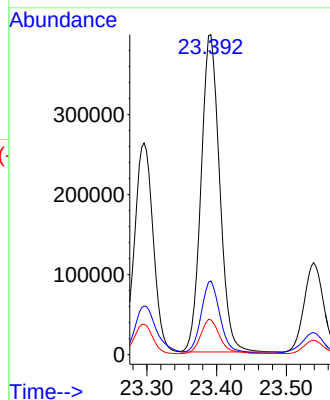
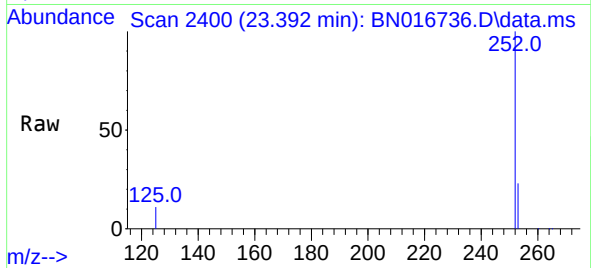
#39
Benzo(a)pyrene
Concen: 1.64 ng
RT: 23.392 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Tgt Ion:252 Resp: 731553
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.9 9.4 14.2

Instrument :
BNA_N
ClientSampleId :
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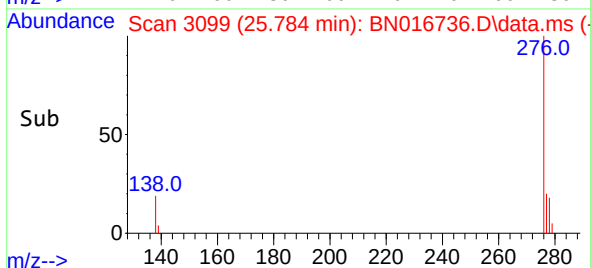
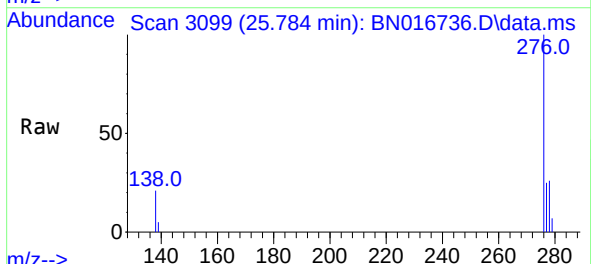
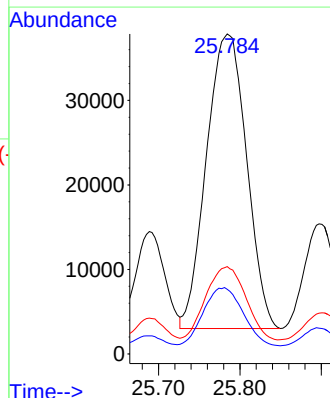
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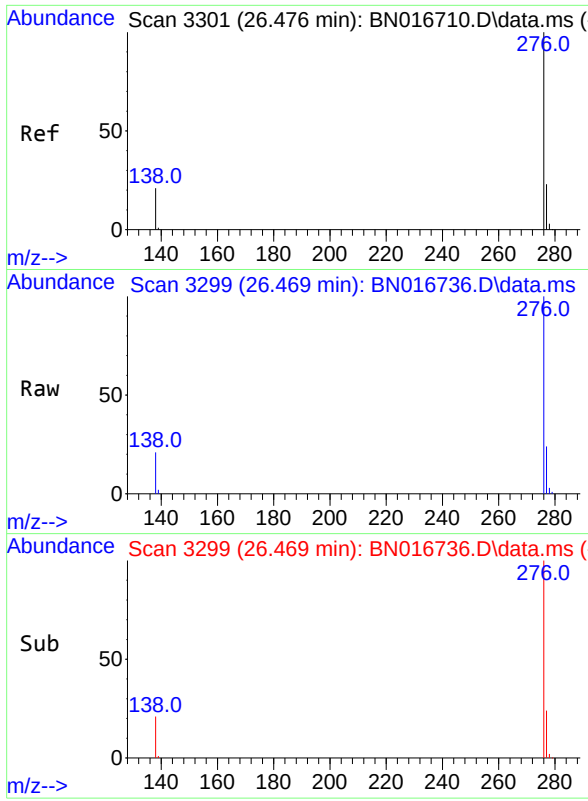
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#40
Dibenzo(a,h)anthracene
Concen: 0.31 ng
RT: 25.784 min Scan# 3099
Delta R.T. -0.014 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

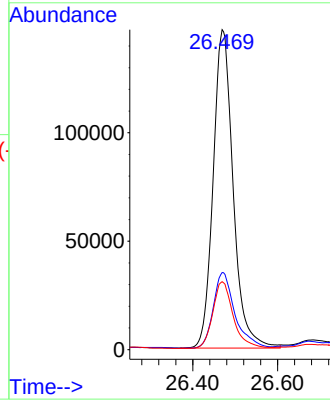
Tgt Ion:278 Resp: 119391
Ion Ratio Lower Upper
278 100
139 20.2 13.1 19.7#
279 27.3 19.3 28.9





#41
Benzo(g,h,i)perylene
Concen: 1.10 ng
RT: 26.469 min Scan# 3299
Delta R.T. -0.007 min
Lab File: BN016736.D
Acq: 05 Oct 2021 08:13

Tgt Ion: 276 Resp: 480437
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 21.2 17.0 25.6



Instrument :
BNA_N
ClientSampleId :
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