

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016780.D
 Acq On : 06 Oct 2021 15:38
 Operator : CG/JU
 Sample : M3892-02DL 200X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-829-J-SO-1-1.5-092221-FDDL

Manual Integrations
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Quant Time: Oct 06 16:13:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	20369	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	91167	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	49848	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	100634	0.400	ng	0.00
29) Chrysene-d12	21.227	240	105028	0.400	ng	# 0.00
35) Perylene-d12	23.478	264	113675	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	108	0.002	ng	0.00
5) Phenol-d6	6.822	99	90	0.002	ng	0.00
8) Nitrobenzene-d5	8.784	82	78	0.001	ng	0.01
11) 2-Methylnaphthalene-d10	12.003	152	219	0.002	ng	0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	12.886	172	280	0.001	ng	0.00
27) Fluoranthene-d10	19.058	212	421	0.002	ng	0.00
31) Terphenyl-d14	19.664	244	1195	0.005	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.332	154	15561	0.107	ng	99
18) Fluorene	15.322	166	14076	0.080	ng	98
25) Phenanthrene	17.054	178	335596	1.134	ng	100
26) Anthracene	17.151	178	103975	0.394	ng	96
28) Fluoranthene	19.093	202	1603527	4.885	ng	99
30) Pyrene	19.455	202	1369161	3.965	ng	# 92
32) Benzo(a)anthracene	21.217	228	1127441	3.461	ng	96
33) Chrysene	21.259	228	853194	2.582	ng	96
36) Indeno(1,2,3-cd)pyrene	25.754	276	467255	1.295	ng	97
37) Benzo(b)fluoranthene	22.803	252	1219433	3.317	ng	99
38) Benzo(k)fluoranthene	22.848	252	459636m	1.301	ng	
39) Benzo(a)pyrene	23.382	252	838082	2.548	ng	99
41) Benzo(g,h,i)perylene	26.452	276	419698	1.310	ng	99

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

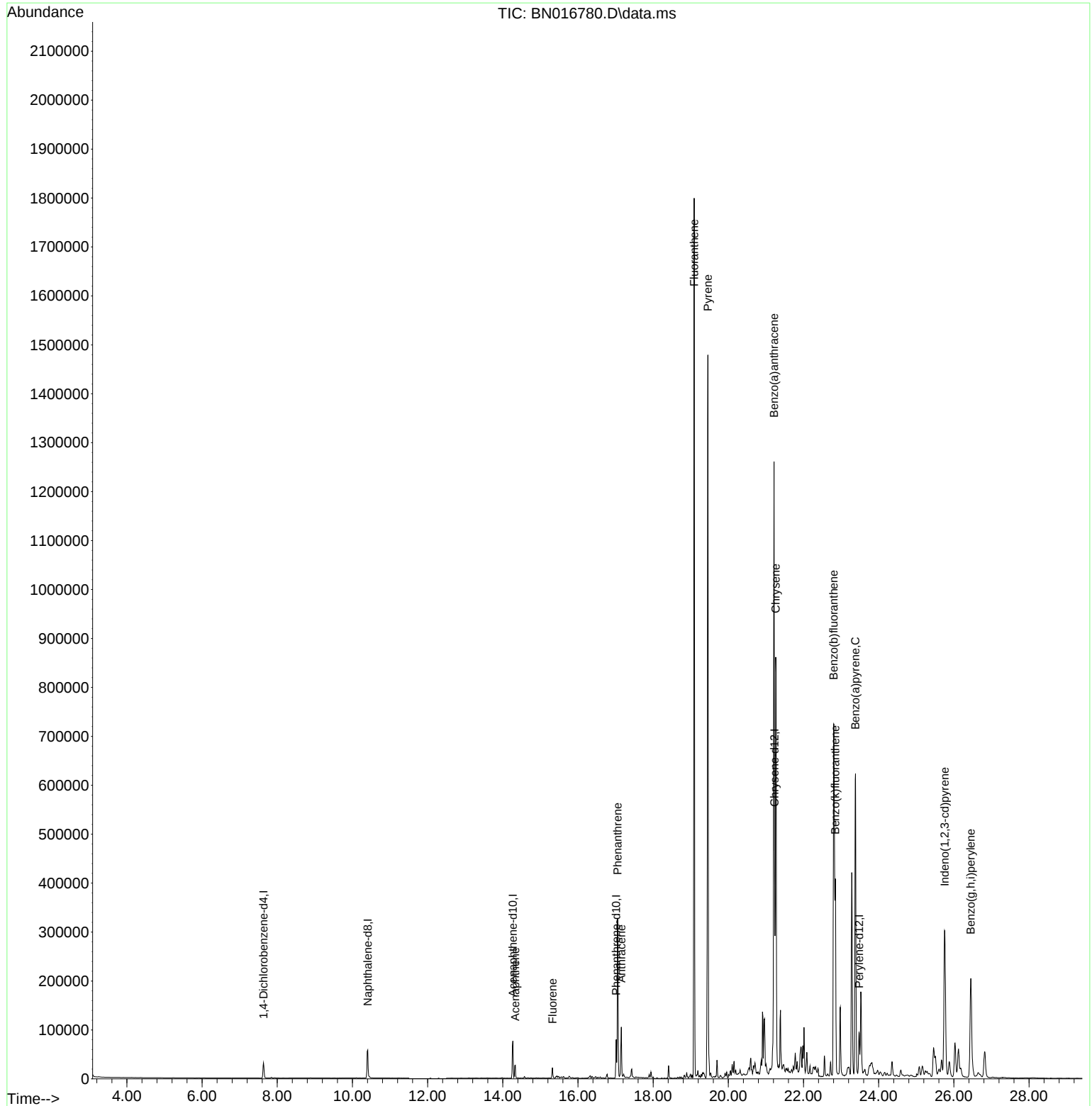
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016780.D
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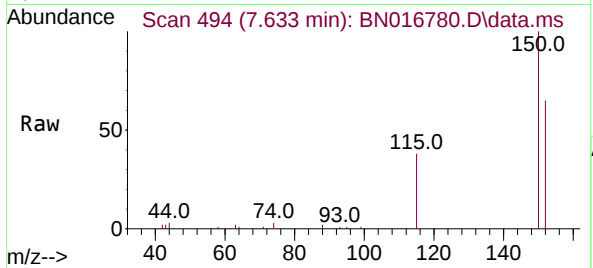
Quant Time: Oct 06 16:13:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

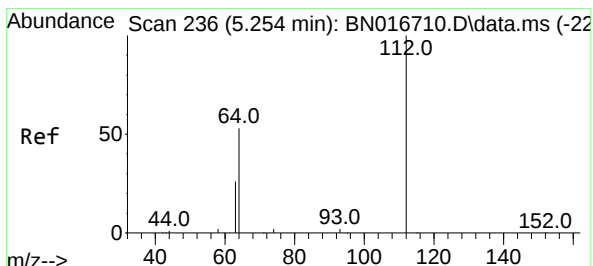
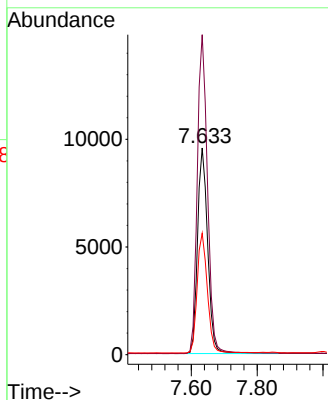
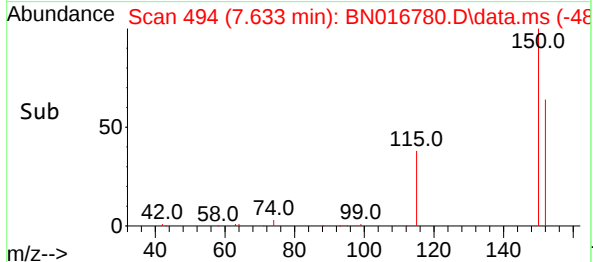
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BNA_N
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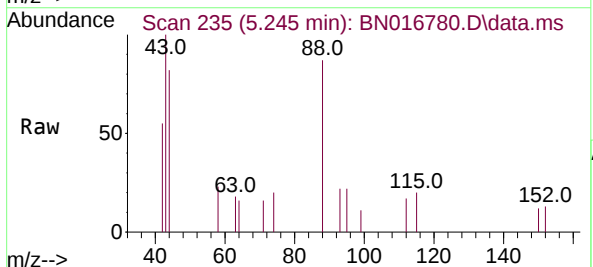
Tgt Ion:152 Resp: 20369
Ion Ratio Lower Upper
152 100
150 154.8 123.3 184.9
115 58.8 47.0 70.6

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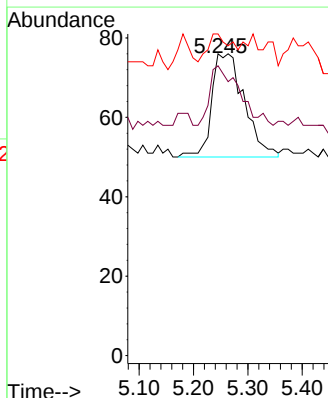
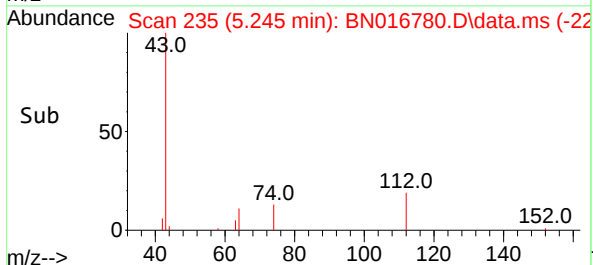
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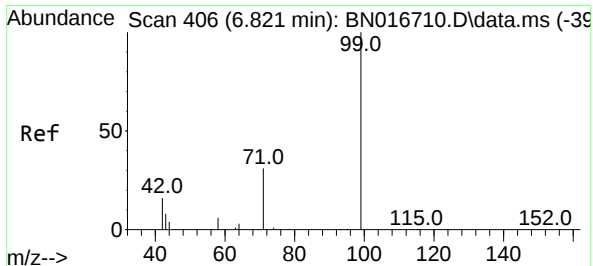


#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38



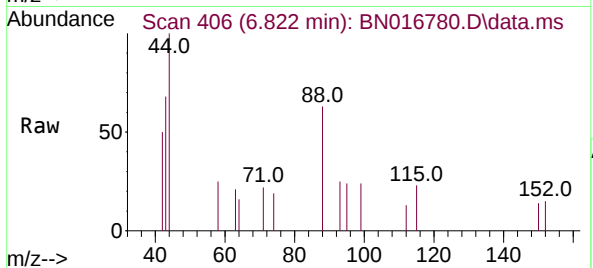
Tgt Ion:112 Resp: 108
Ion Ratio Lower Upper
112 100
64 51.9 42.9 64.3
63 18.5 21.5 32.3#





#5
Phenol-d6
Concen: 0.002 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

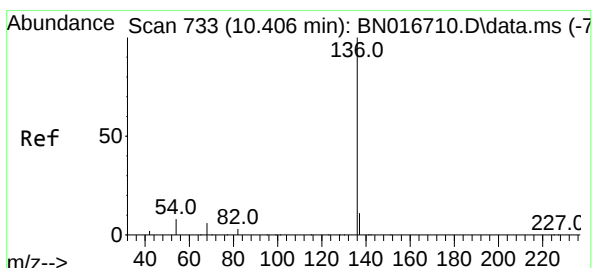
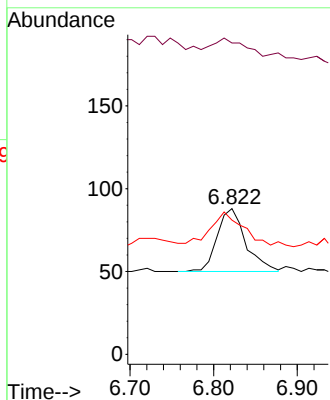
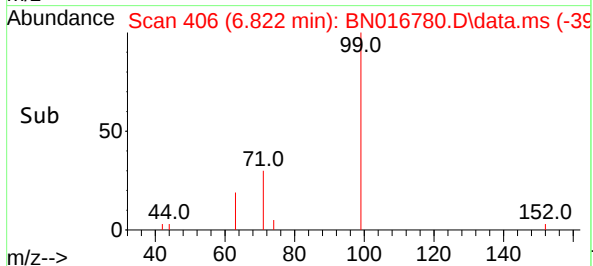
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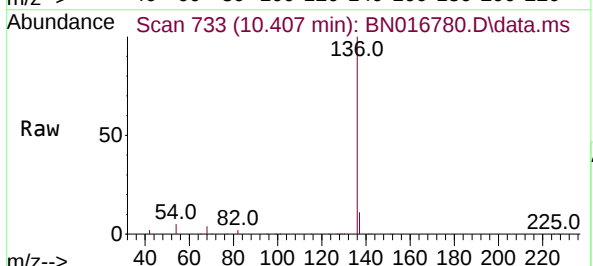
Tgt Ion: 99 Resp: 90
Ion Ratio Lower Upper
99 100
42 25.6 13.4 20.2#
71 56.7 24.0 36.0#

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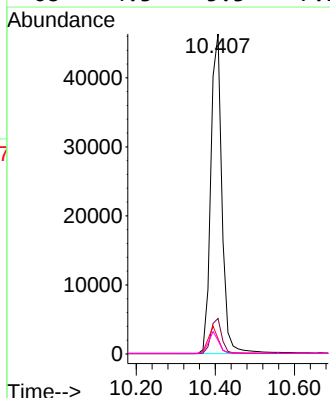
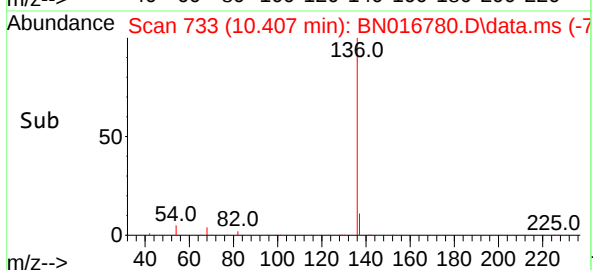
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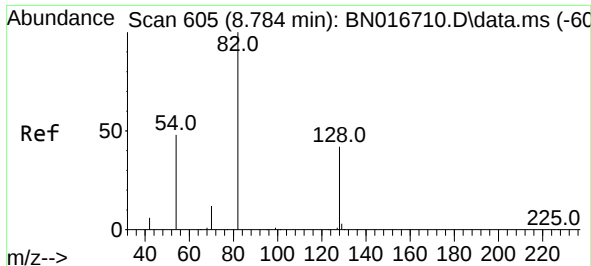


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

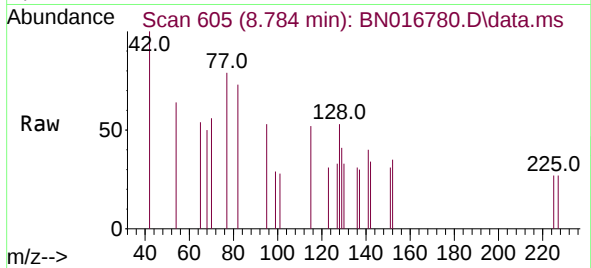


Tgt Ion: 136 Resp: 91167
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 4.8 6.5 9.7#
68 4.3 5.3 7.9#

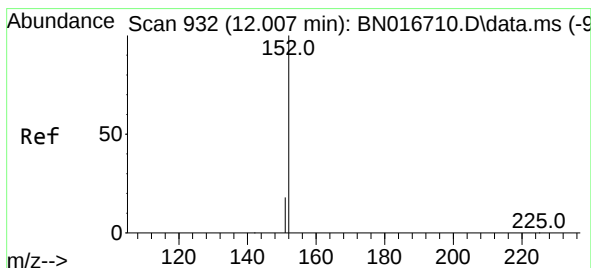
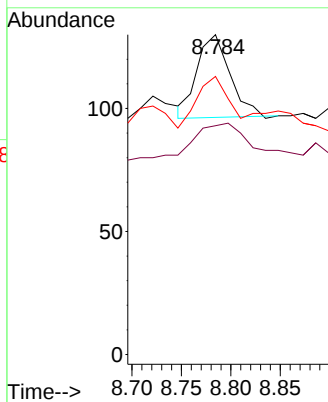
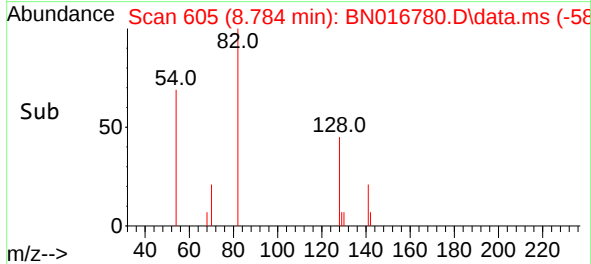




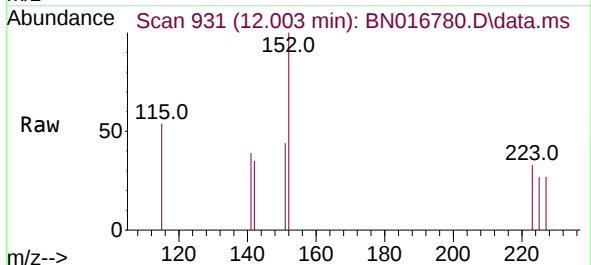
#8
Nitrobenzene-d5
Concen: 0.001 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.013 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38



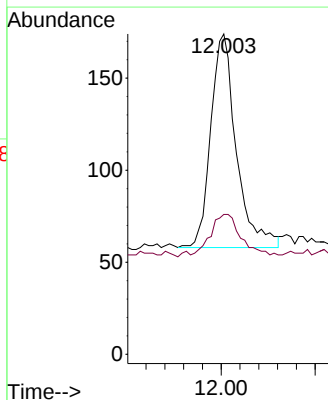
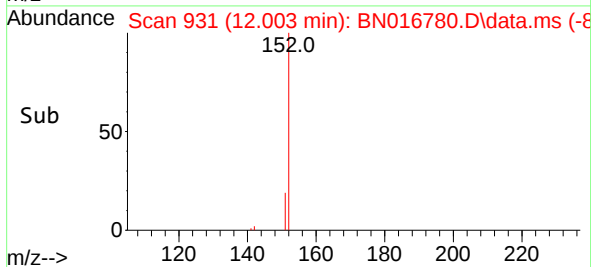
Tgt Ion:	82	Resp:	78
Ion	Ratio	Lower	Upper
82	100		
128	71.5	33.8	50.6#
54	86.9	38.5	57.7#



#11
2-Methylnaphthalene-d10
Concen: 0.002 ng
RT: 12.003 min Scan# 931
Delta R.T. 0.005 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38



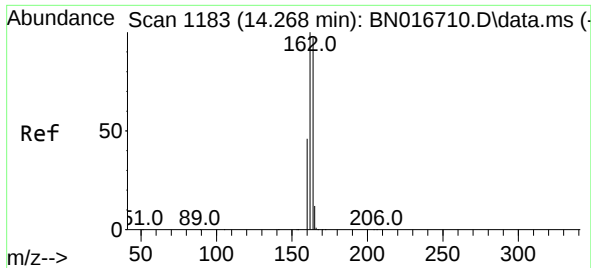
Tgt Ion:	152	Resp:	219
Ion	Ratio	Lower	Upper
152	100		
151	22.8	16.2	24.4



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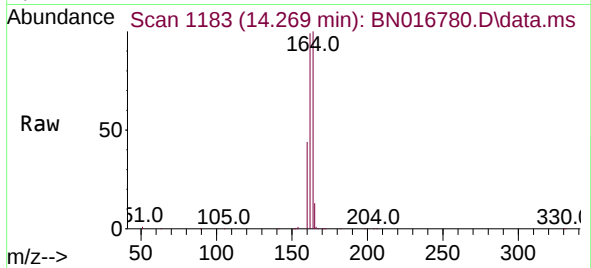
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

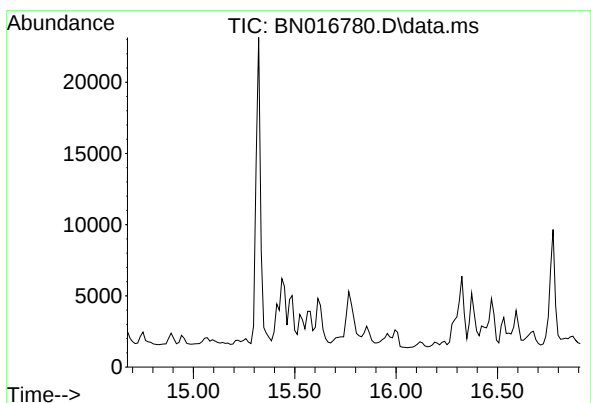
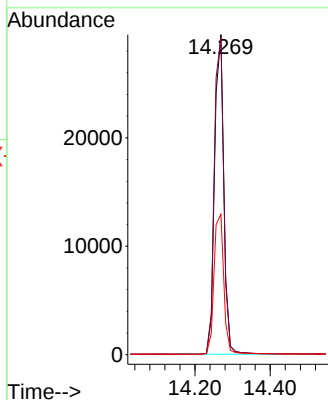
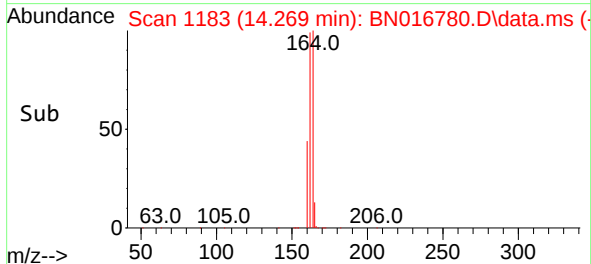
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:164 Resp: 49848
Ion Ratio Lower Upper
164 100
162 99.2 82.6 124.0
160 43.9 38.2 57.2

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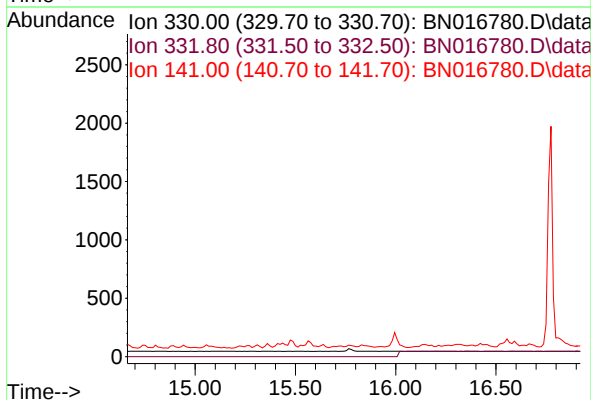
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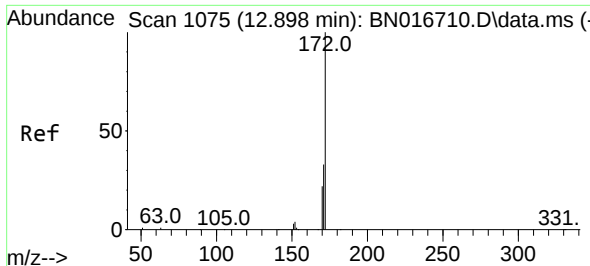


#14
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.77 min

Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

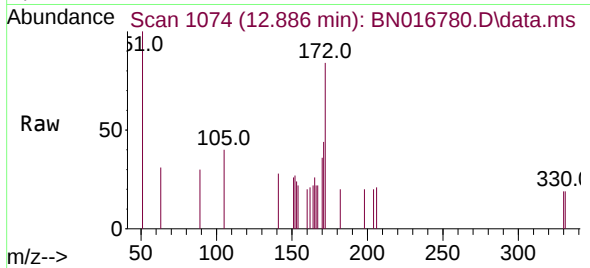
Tgt Ion: 330
Sig Exp Ratio
330 100
332 0.0
141 30.2





#15
2-Fluorobiphenyl
Concen: 0.001 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

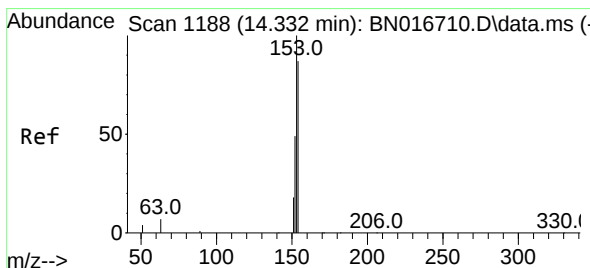
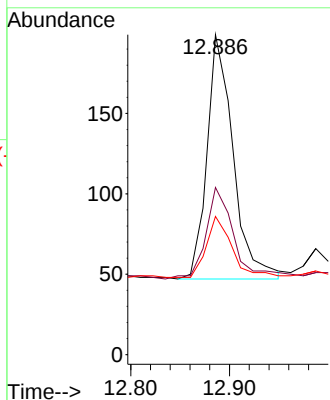
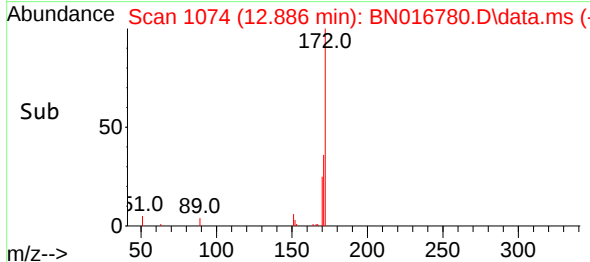
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ClientSampleId :
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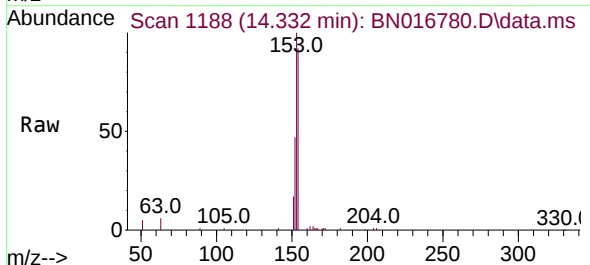
Tgt Ion:172 Resp: 280
Ion Ratio Lower Upper
172 100
171 52.3 26.9 40.3#
170 43.2 17.4 26.0#

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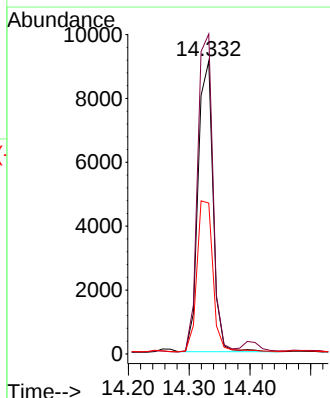
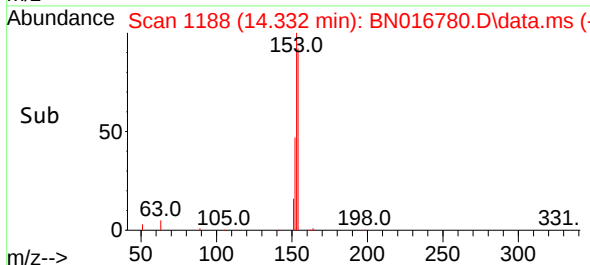
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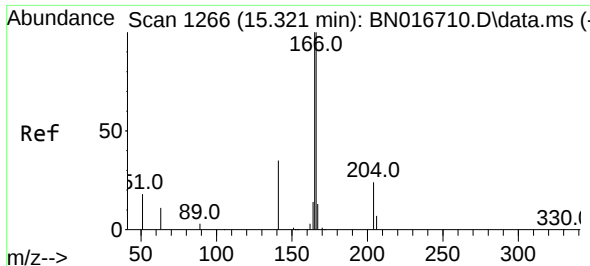


#17
Acenaphthene
Concen: 0.107 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38



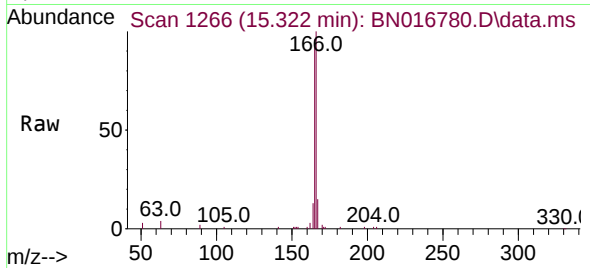
Tgt Ion:154 Resp: 15561
Ion Ratio Lower Upper
154 100
153 112.3 90.1 135.1
152 55.9 43.6 65.4





#18
Fluorene
Concen: 0.080 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

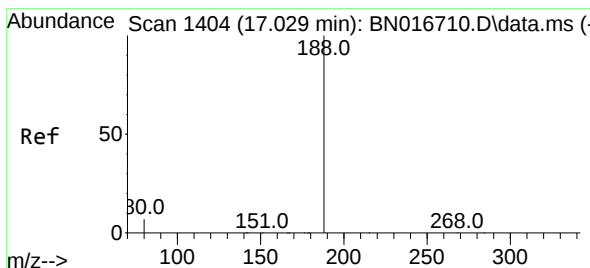
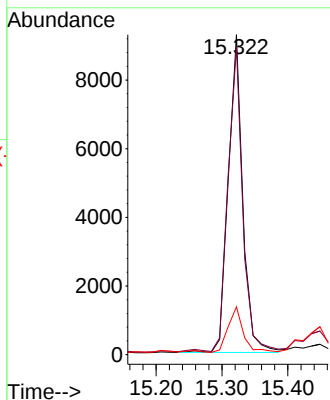
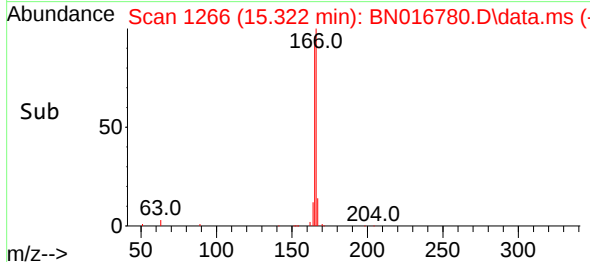
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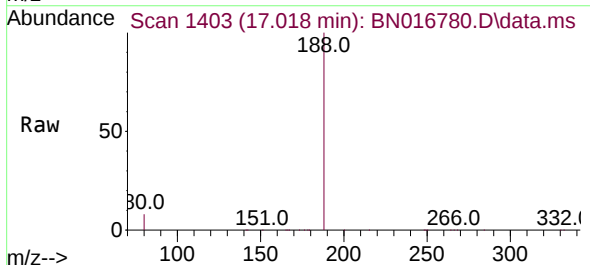
Tgt Ion:166 Resp: 14076
Ion Ratio Lower Upper
166 100
165 99.0 78.1 117.1
167 15.2 10.7 16.1

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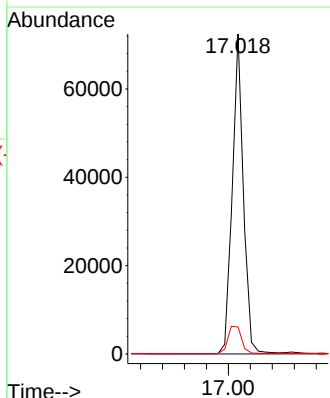
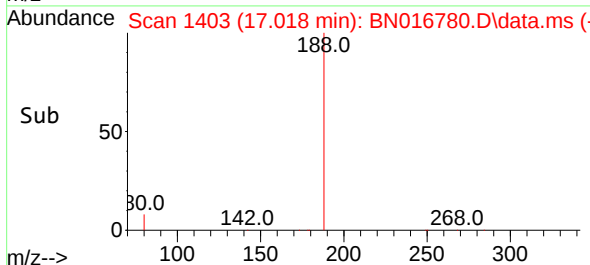
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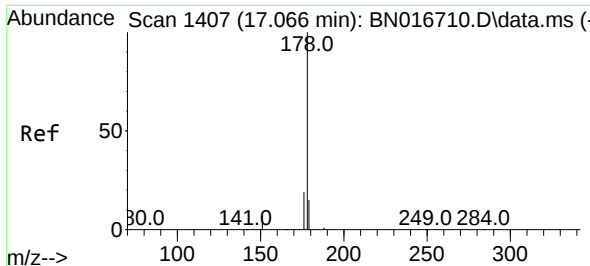


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

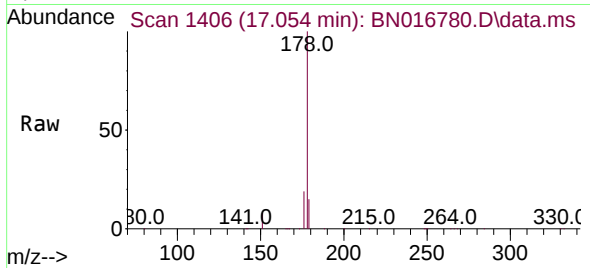


Tgt Ion:188 Resp: 100634
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 5.8 8.8

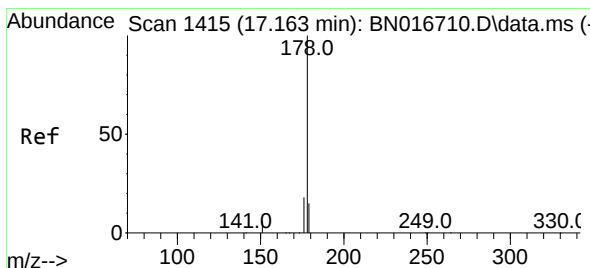
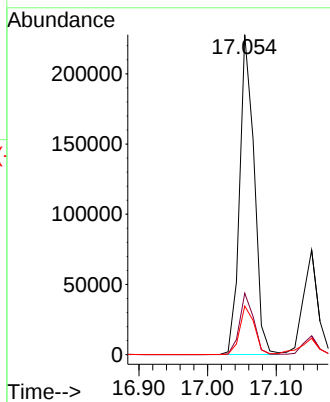
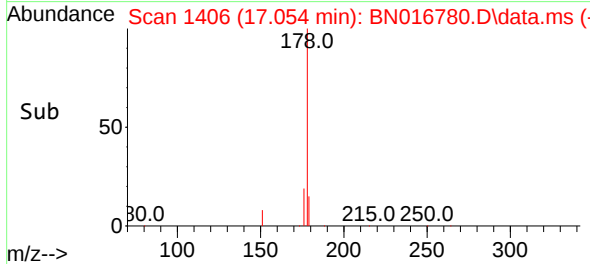




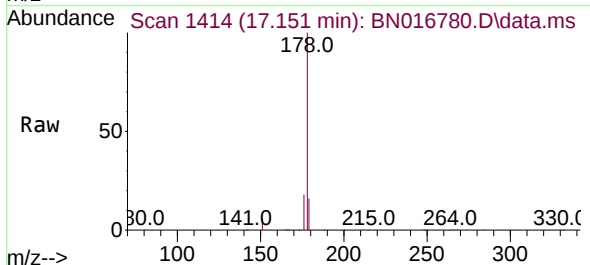
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Phenanthrene
Concen: 1.134 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38



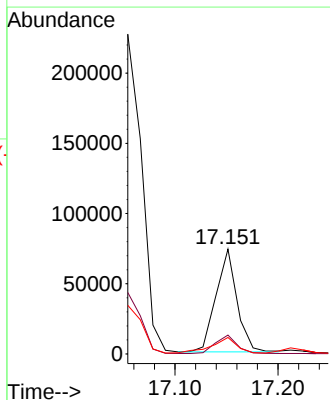
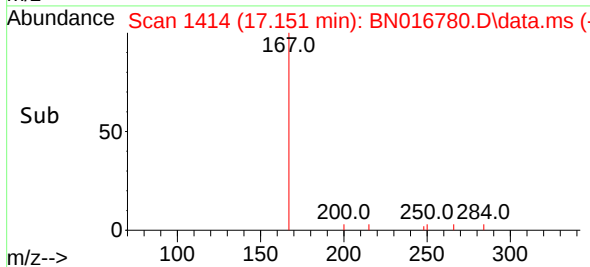
Tgt Ion:178 Resp: 335596
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.4 12.4 18.6



#26
Anthracene
Concen: 0.394 ng
RT: 17.151 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016780.D
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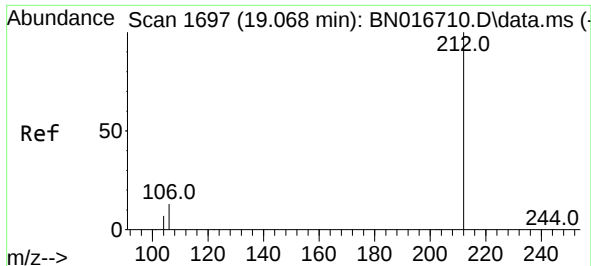
Tgt Ion:178 Resp: 103975
Ion Ratio Lower Upper
178 100
176 19.0 14.5 21.7
179 17.9 12.2 18.4



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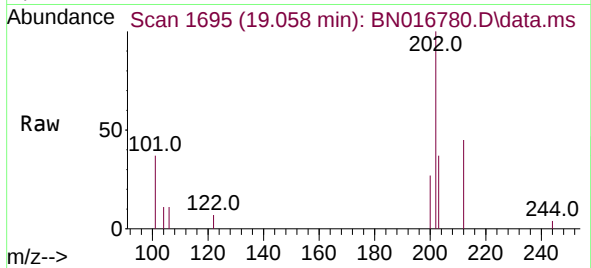
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#27
Fluoranthene-d10
Concen: 0.002 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

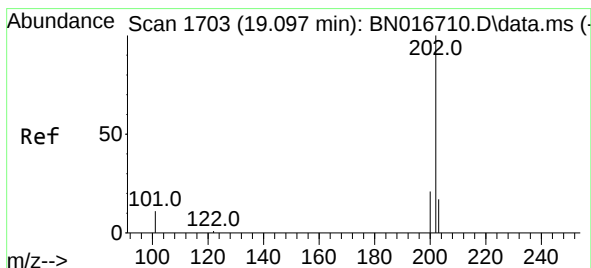
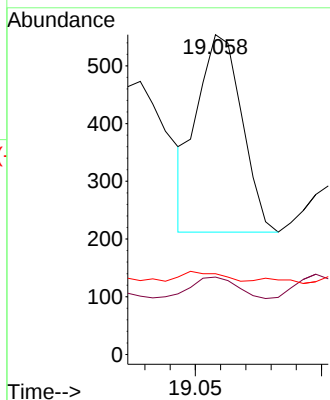
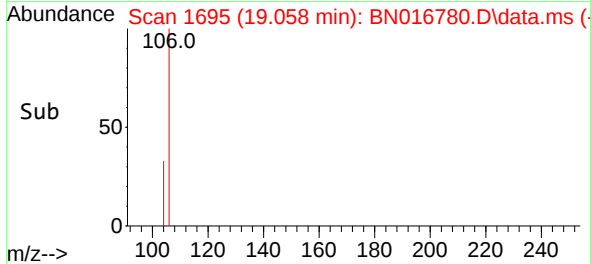
Instrument :
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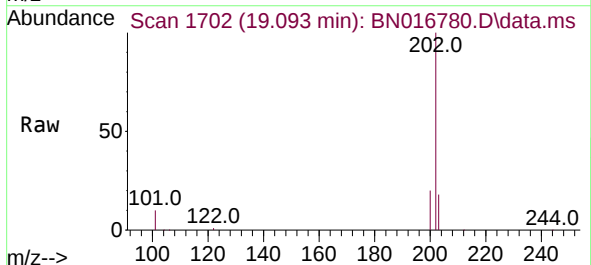
Tgt Ion:212 Resp: 421
Ion Ratio Lower Upper
212 100
106 11.4 10.6 16.0
104 11.6 5.8 8.8#

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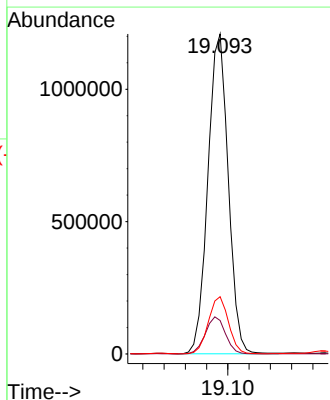
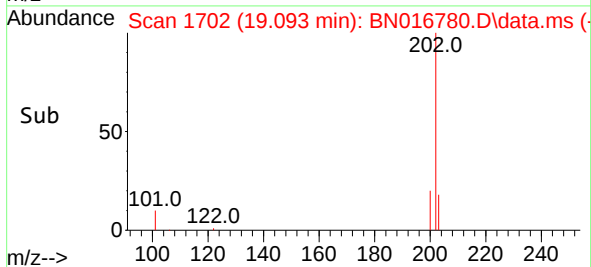
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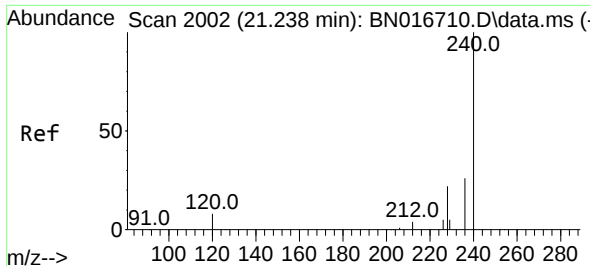


#28
Fluoranthene
Concen: 4.885 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38



Tgt Ion:202 Resp: 1603527
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
203 17.7 13.8 20.8





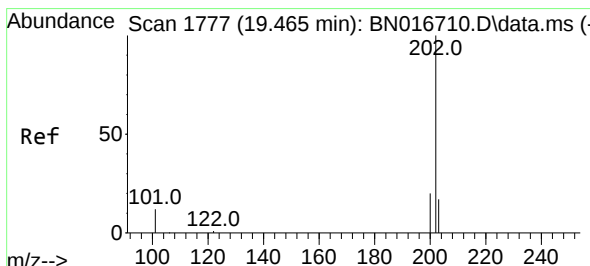
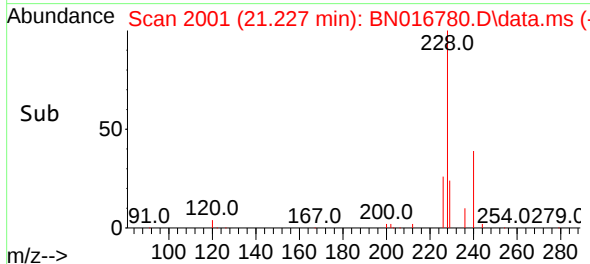
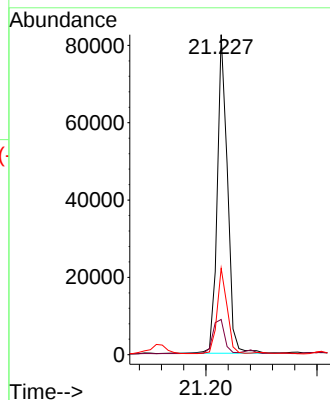
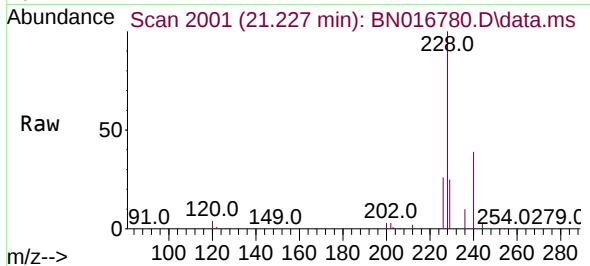
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Tgt Ion:240 Resp: 105028
Ion Ratio Lower Upper
240 100
120 11.0 6.6 10.0#
236 27.0 20.7 31.1

Instrument :
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ClientSampleId :
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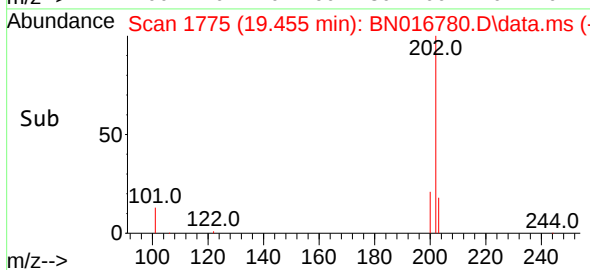
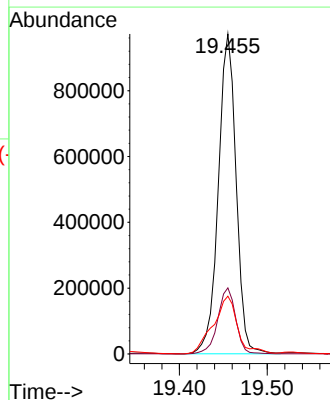
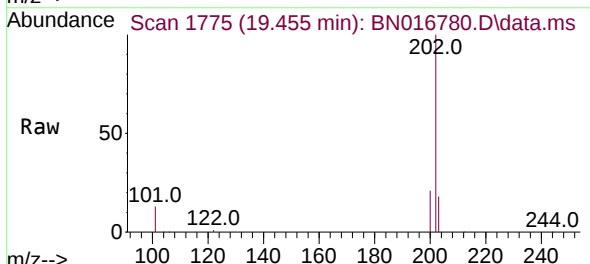
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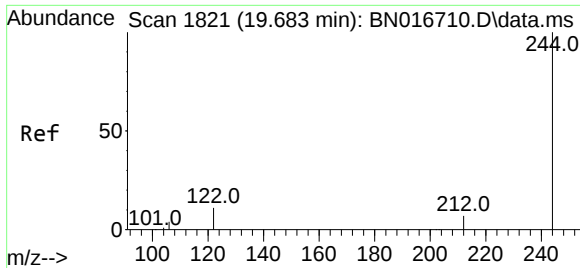
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#30
Pyrene
Concen: 3.965 ng
RT: 19.455 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

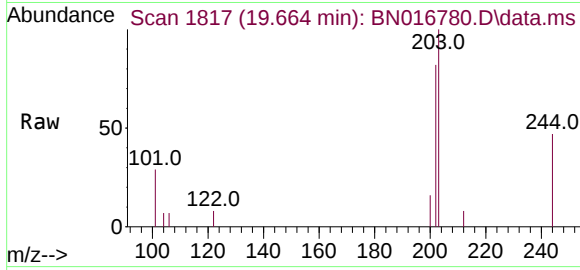
Tgt Ion:202 Resp: 1369161
Ion Ratio Lower Upper
202 100
200 20.8 16.5 24.7
203 24.4 13.9 20.9#





#31
Terphenyl-d14
Concen: 0.005 ng
RT: 19.664 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

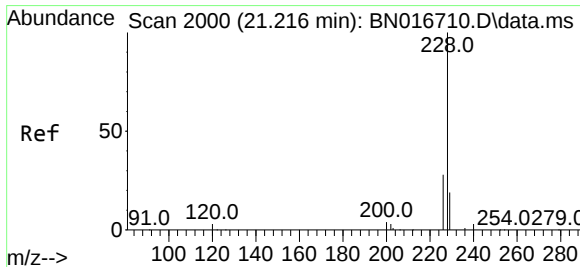
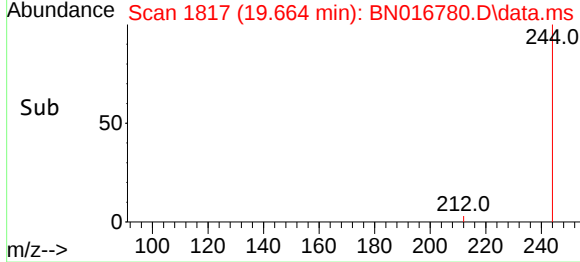
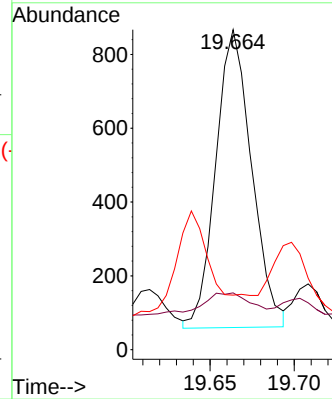
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:244 Resp: 1195
Ion Ratio Lower Upper
244 100
212 17.8 5.8 8.6#
122 17.1 8.9 13.3#

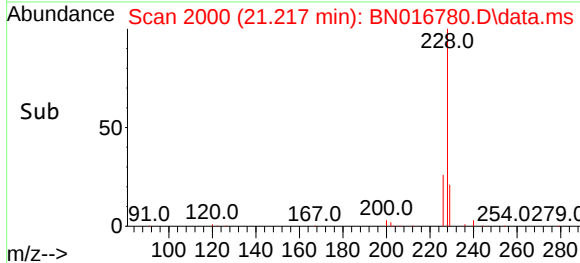
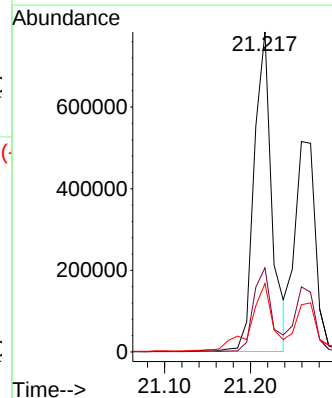
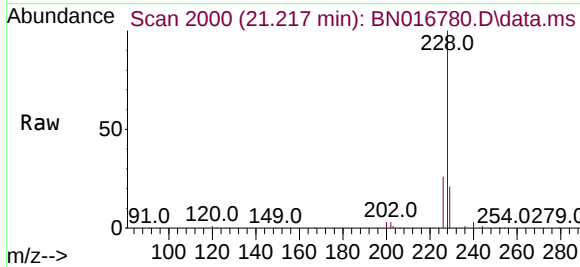
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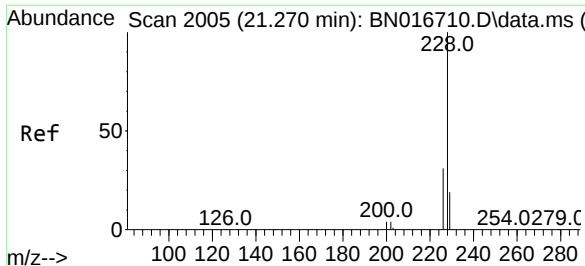
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#32
Benzo(a)anthracene
Concen: 3.461 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

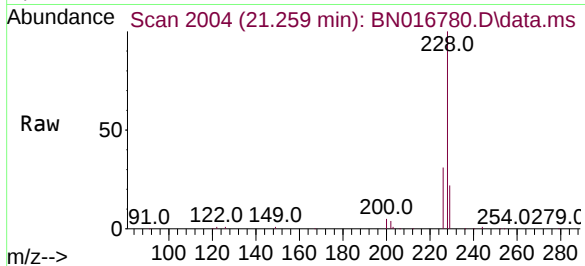
Tgt Ion:228 Resp: 1127441
Ion Ratio Lower Upper
228 100
226 26.3 22.3 33.5
229 21.4 15.4 23.0





#33
Chrysene
Concen: 2.582 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.011 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

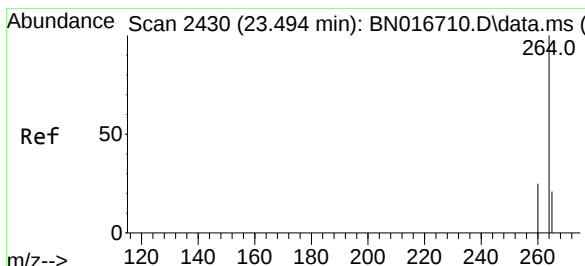
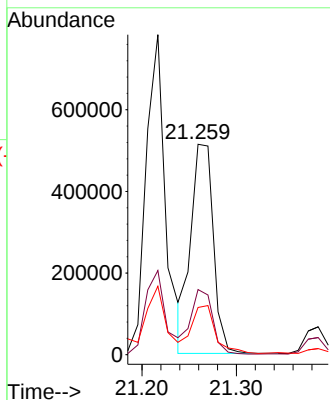
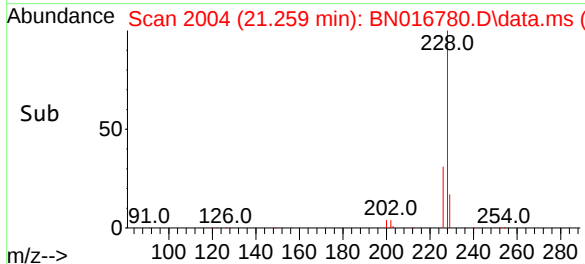
Instrument :
BNA_N
ClientSampleId :
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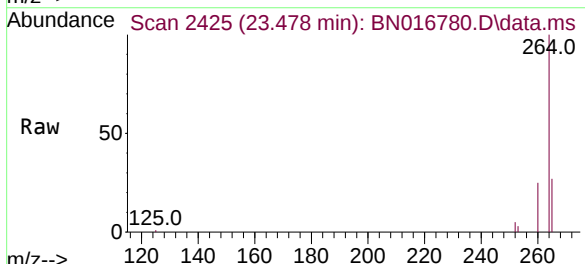
Tgt Ion:228 Resp: 853194
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 22.4 15.4 23.0

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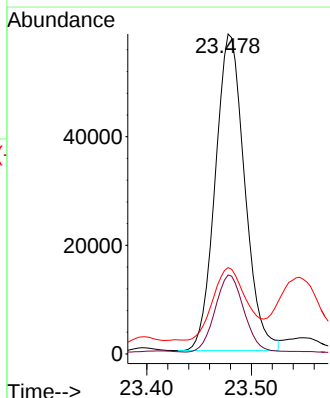
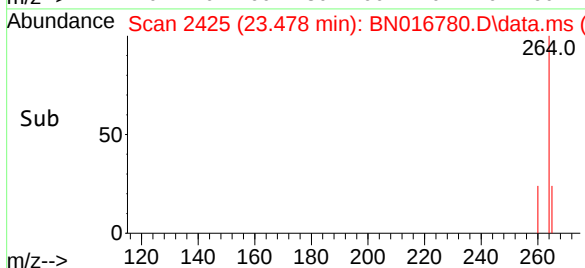
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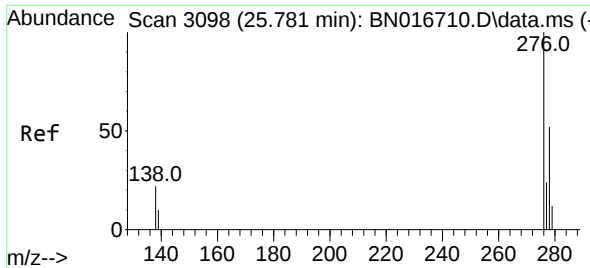


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.478 min Scan# 2425
Delta R.T. -0.003 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38



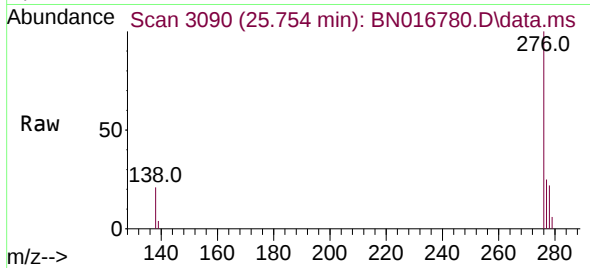
Tgt Ion:264 Resp: 113675
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 27.0 20.3 30.5





#36
 Indeno(1,2,3-cd)pyrene
 Concen: 1.295 ng
 RT: 25.754 min Scan# 3090
 Delta R.T. 0.000 min
 Lab File: BN016780.D
 Acq: 06 Oct 2021 15:38

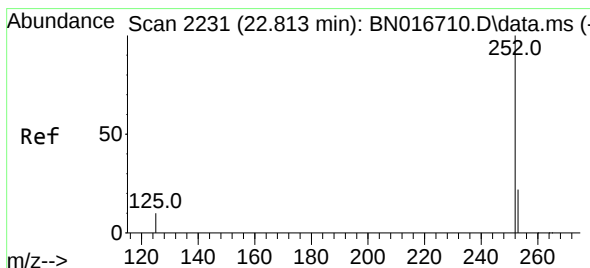
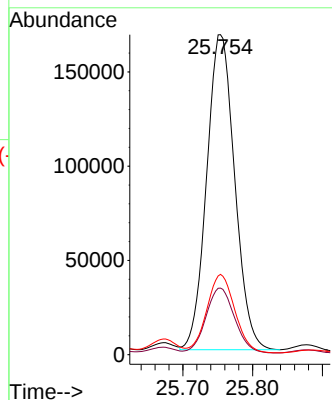
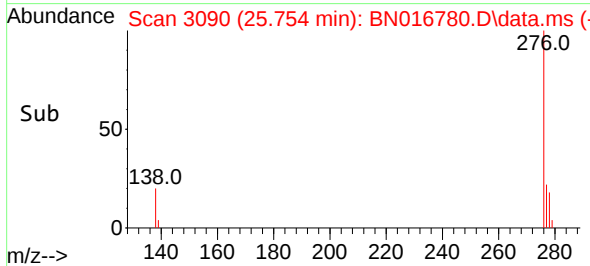
Instrument :
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 ClientSampleId :
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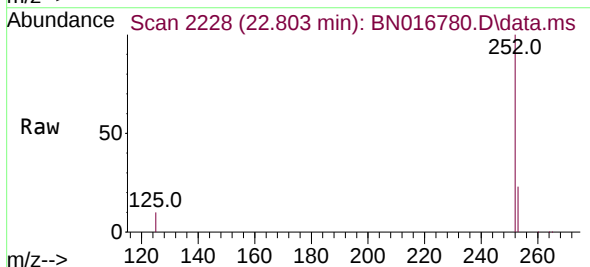
Tgt Ion:276 Resp: 467255
 Ion Ratio Lower Upper
 276 100
 138 21.0 19.2 28.8
 277 24.8 20.0 30.0

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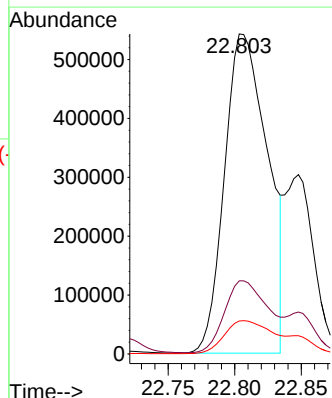
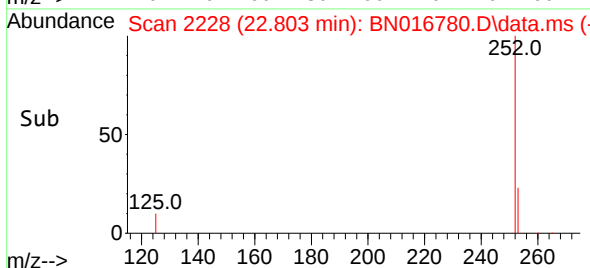
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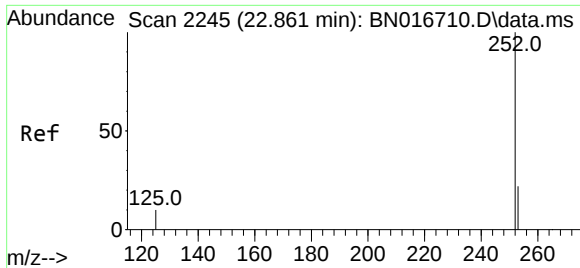


#37
 Benzo(b)fluoranthene
 Concen: 3.317 ng
 RT: 22.803 min Scan# 2228
 Delta R.T. 0.000 min
 Lab File: BN016780.D
 Acq: 06 Oct 2021 15:38



Tgt Ion:252 Resp: 1219433
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.8 26.8
 125 10.3 8.3 12.5





#38

Benzo(k)fluoranthene

Concen: 1.301 ng m

RT: 22.848 min Scan# 2241

Delta R.T. 0.000 min

Lab File: BN016780.D

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Tgt Ion:	252	Resp:	459636
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	10.2	8.5	12.7

Instrument :

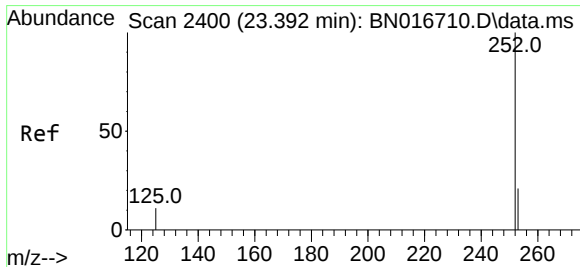
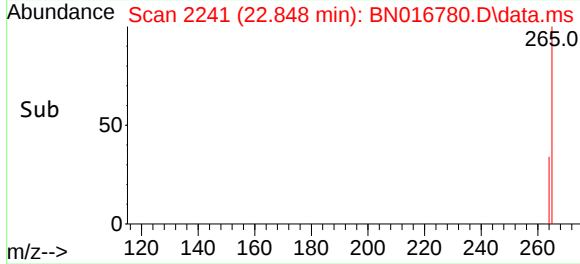
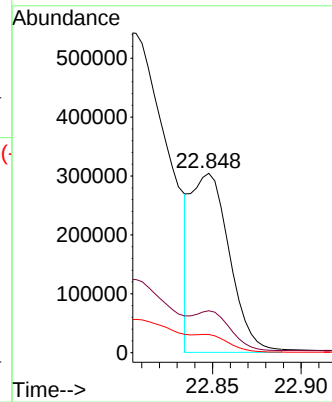
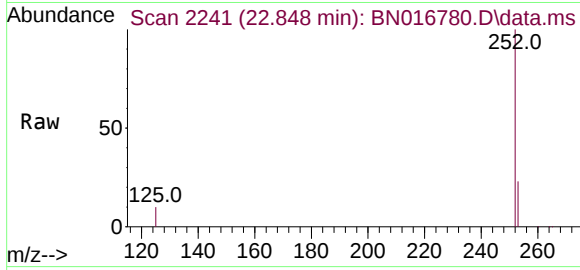
BNA_N

ClientSampleId :

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#39

Benzo(a)pyrene

Concen: 2.548 ng

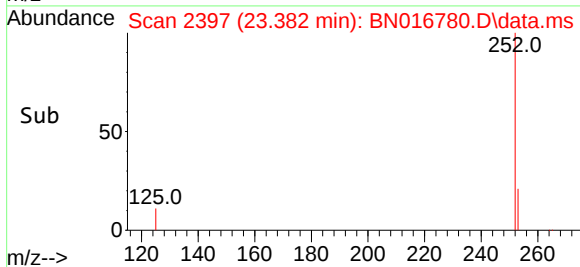
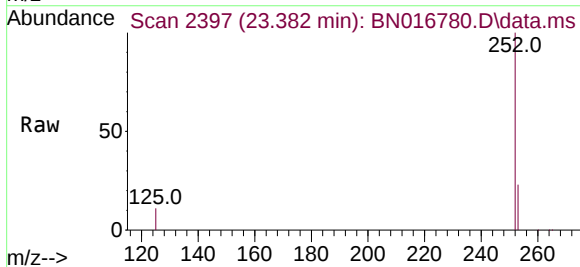
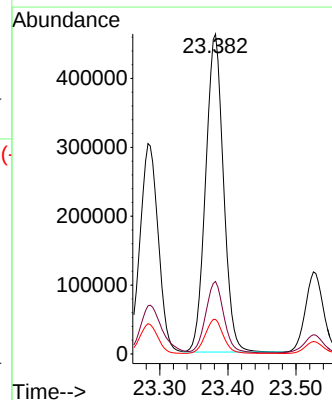
RT: 23.382 min Scan# 2397

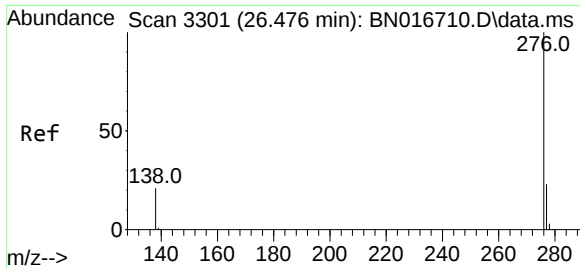
Delta R.T. 0.000 min

Lab File: BN016780.D

Acq: 06 Oct 2021 15:38

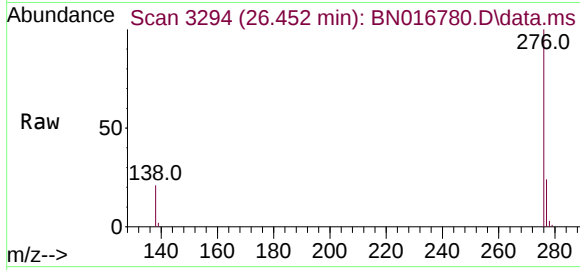
Tgt Ion:	252	Resp:	838082
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.9	26.9
125	10.8	9.4	14.2





#41
Benzo(g,h,i)perylene
Concen: 1.310 ng
RT: 26.452 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BN016780.D
Acq: 06 Oct 2021 15:38

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:276 Resp: 419698
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 20.8 17.0 25.6

Manual Integrations
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