

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016685.D
 Acq On : 02 Oct 2021 23:45
 Operator : CG/JU
 Sample : M3892-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 03:36:05 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)

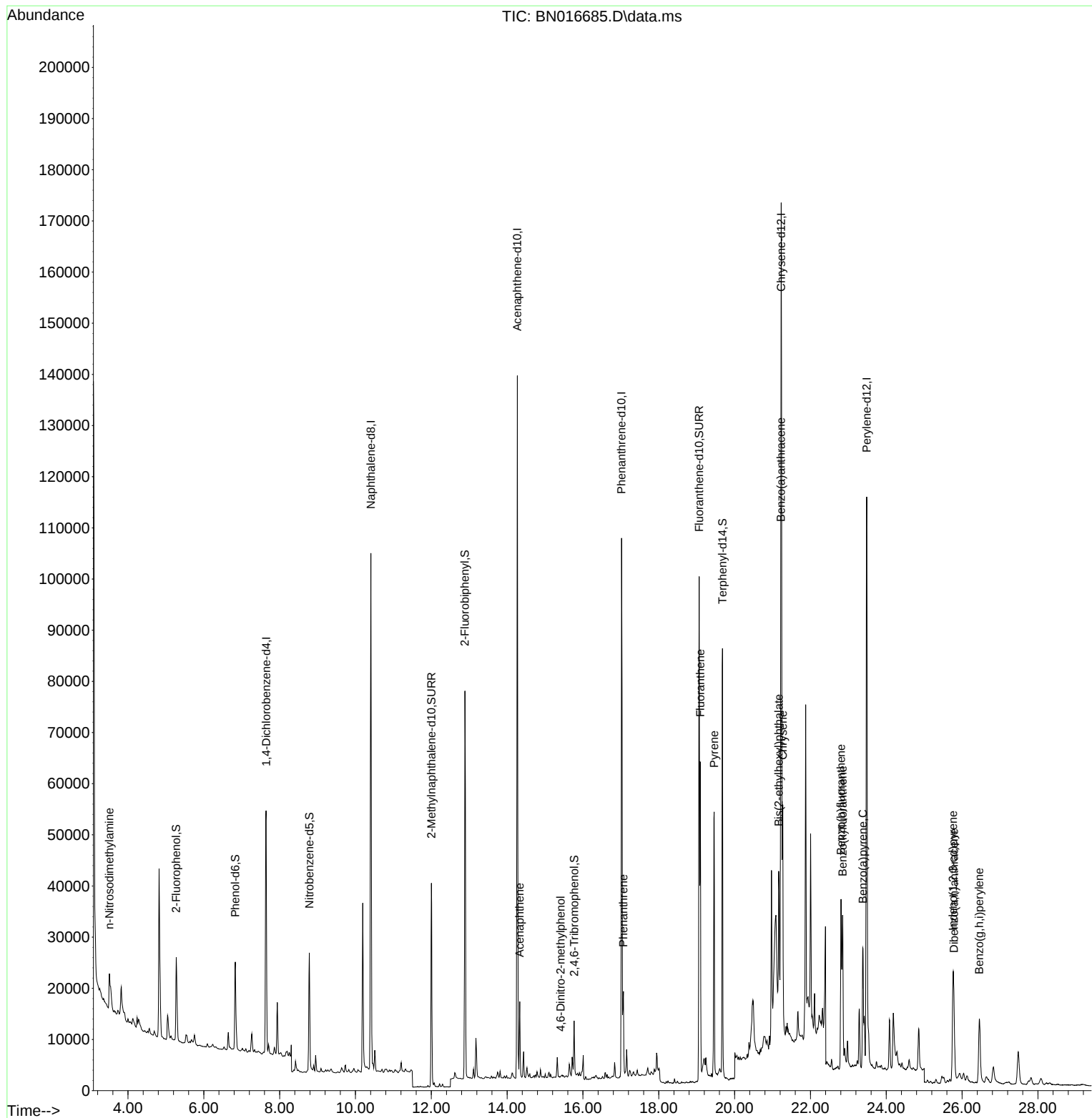
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	29271	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	134868	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	74725	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	145643	0.400	ng	#-0.01
29) Chrysene-d12	21.228	240	145311	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	151267	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	18979	0.255	ng	0.02
5) Phenol-d6	6.831	99	19301	0.236	ng	0.00
8) Nitrobenzene-d5	8.785	82	21610	0.246	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	54050	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8732	0.257	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	68987	0.228	ng	-0.01
27) Fluoranthene-d10	19.063	212	108922	0.281	ng	0.00
31) Terphenyl-d14	19.679	244	84527	0.268	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.512	42	2657	0.123	ng	# 1
17) Acenaphthene	14.332	154	7159	0.033	ng	99
20) 4,6-Dinitro-2-methylph...	15.411	198	4	0.137	ng	# 1
25) Phenanthrene	17.066	178	18360	0.042	ng	96
28) Fluoranthene	19.093	202	54603	0.115	ng	97
30) Pyrene	19.460	202	47962	0.102	ng	# 93
32) Benzo(a)anthracene	21.217	228	41946	0.094	ng	98
33) Chrysene	21.270	228	38468	0.085	ng	97
34) Bis(2-ethylhexyl)phtha...	21.164	149	23505	0.132	ng	98
36) Indeno(1,2,3-cd)pyrene	25.761	276	30851	0.057	ng	# 93
37) Benzo(b)fluoranthene	22.807	252	48559	0.100	ng	# 91
38) Benzo(k)fluoranthene	22.851	252	29842	0.062	ng	# 69
39) Benzo(a)pyrene	23.382	252	36606	0.085	ng	# 89
40) Dibenzo(a,h)anthracene	25.785	278	17584	0.040	ng	# 77
41) Benzo(g,h,i)perylene	26.456	276	27320	0.057	ng	# 93

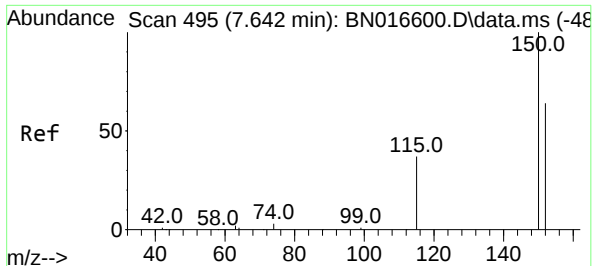
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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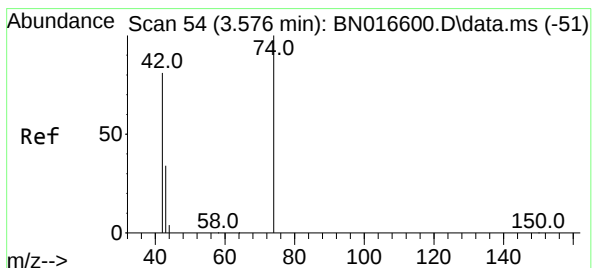
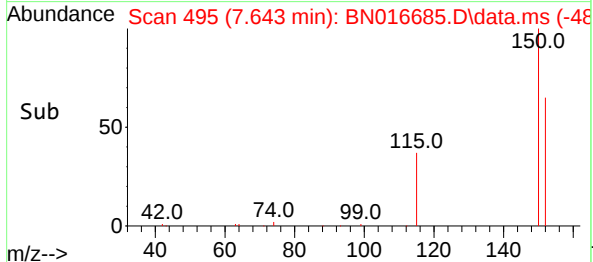
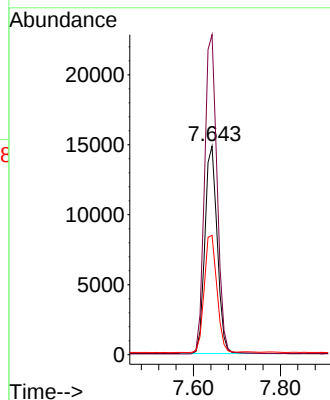
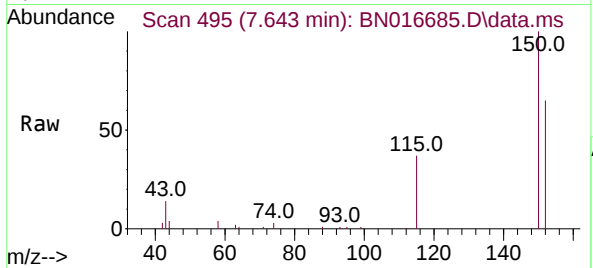




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.643 min Scan# 495
Delta R.T. 0.001 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

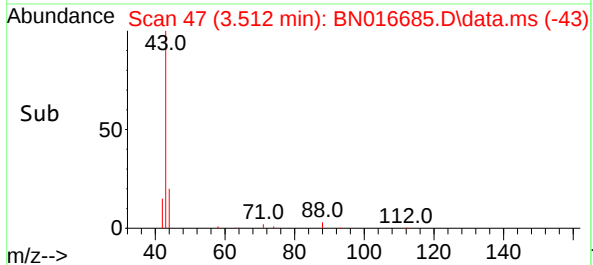
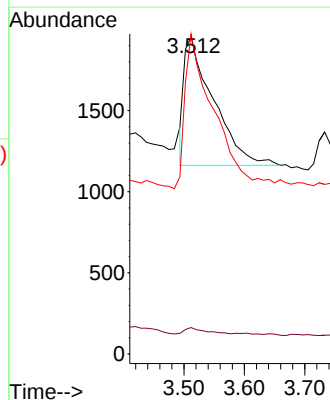
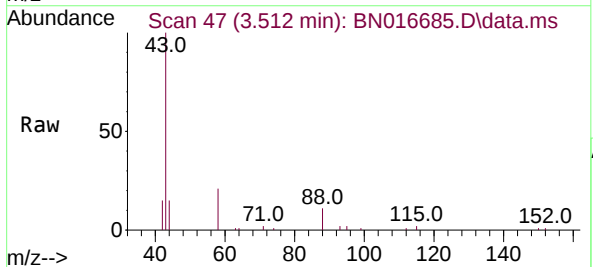
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 29271
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 57.3 46.5 69.7



#3
n-Nitrosodimethylamine
Concen: 0.123 ng
RT: 3.512 min Scan# 47
Delta R.T. -0.064 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

Tgt Ion: 42 Resp: 2657
Ion Ratio Lower Upper
42 100
74 3.1 121.6 182.4#
44 105.3 6.3 9.5#

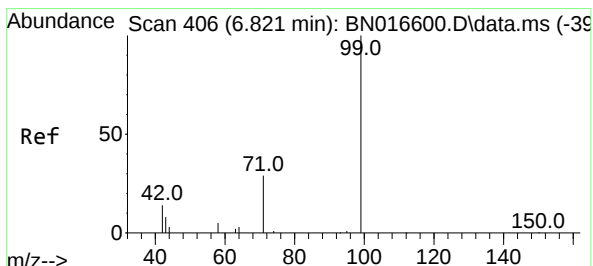
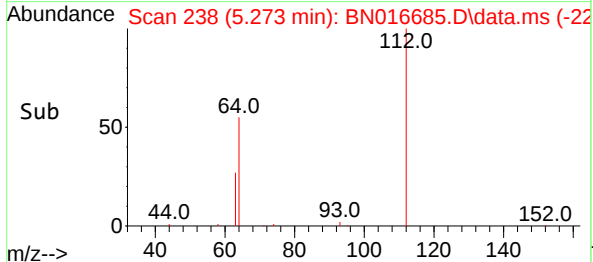
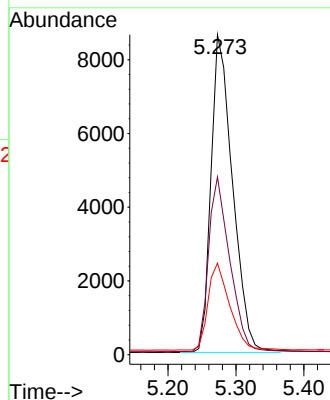
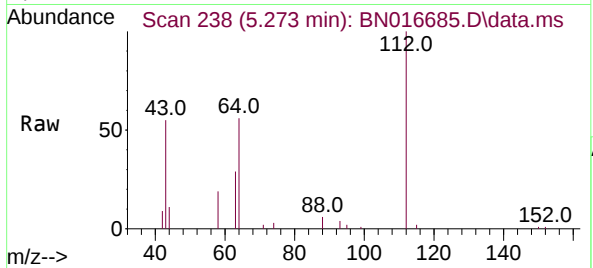




#4
2-Fluorophenol
Concen: 0.255 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

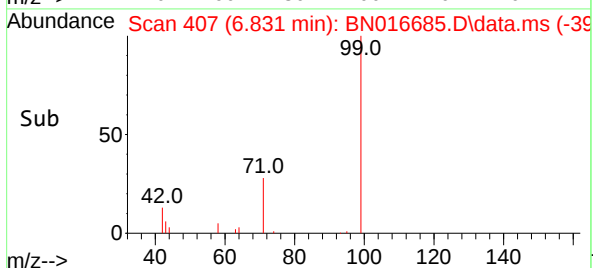
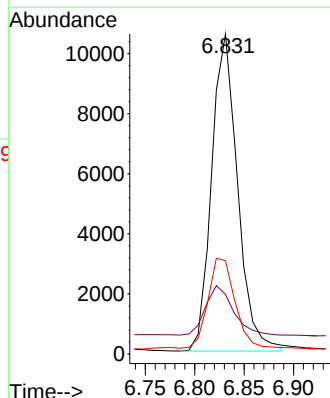
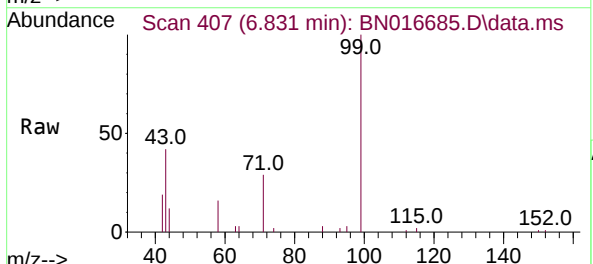
Instrument :
BNA_N
ClientSampled :

Tgt Ion:112 Resp: 18979
Ion Ratio Lower Upper
112 100
64 54.0 43.1 64.7
63 27.7 21.6 32.4



#5
Phenol-d6
Concen: 0.236 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

Tgt Ion: 99 Resp: 19301
Ion Ratio Lower Upper
99 100
42 16.5 13.0 19.6
71 30.4 23.5 35.3

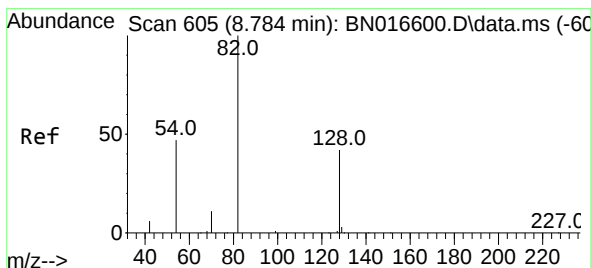
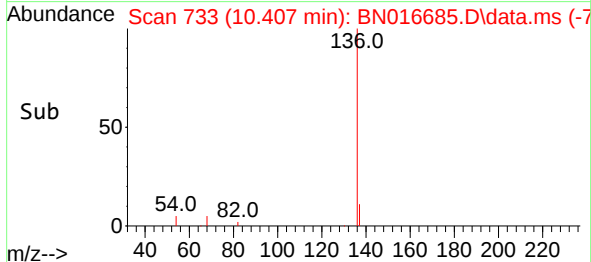
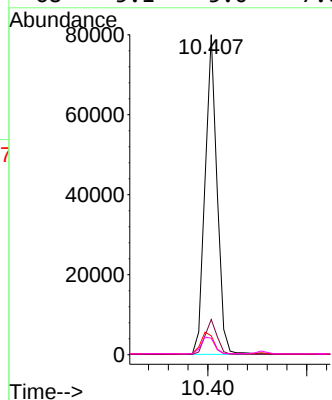
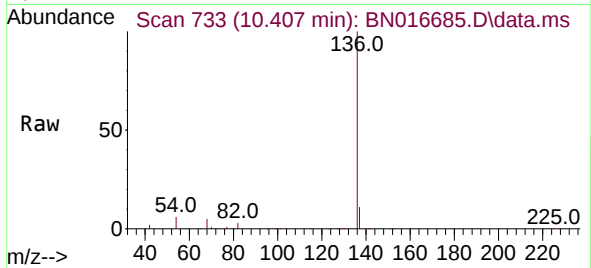




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

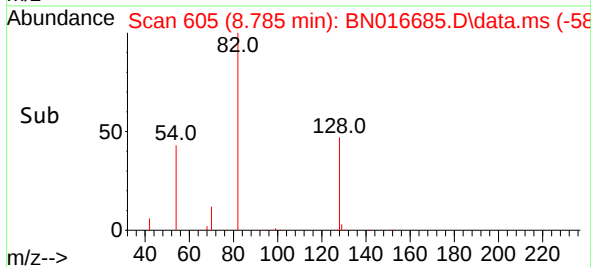
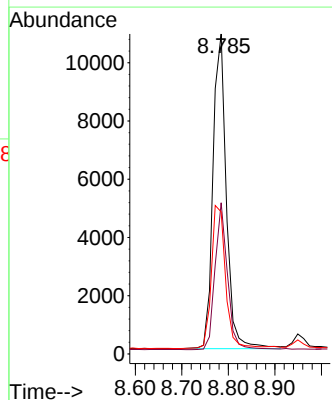
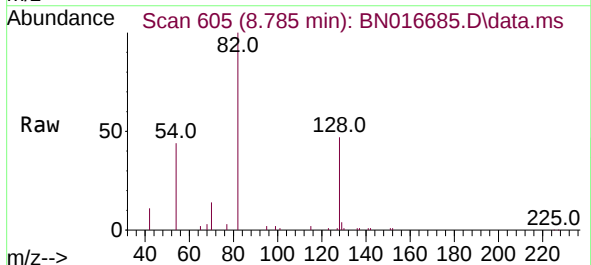
Instrument :
BNA_N
ClientSampleId :

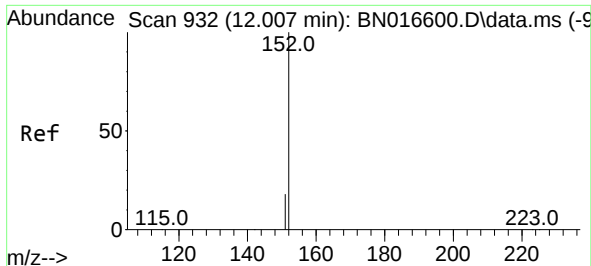
Tgt Ion:136	Resp:	134868
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	5.9	5.9 8.9#
68	5.1	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

Tgt Ion: 82	Resp:	21610
Ion Ratio	Lower	Upper
82	100	
128	47.3	33.6 50.4
54	44.4	37.6 56.4

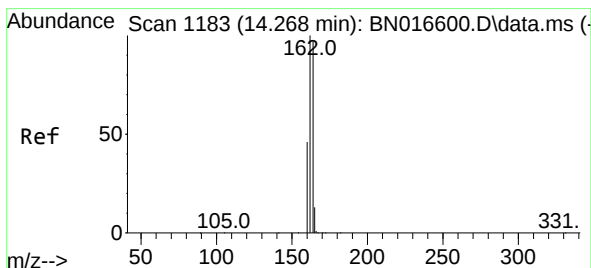
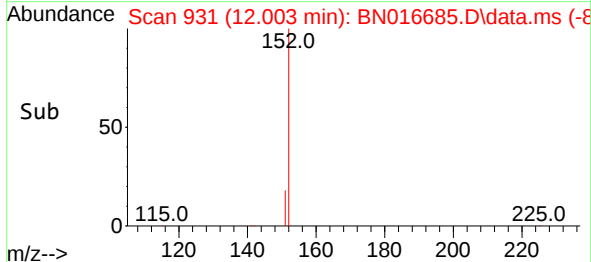
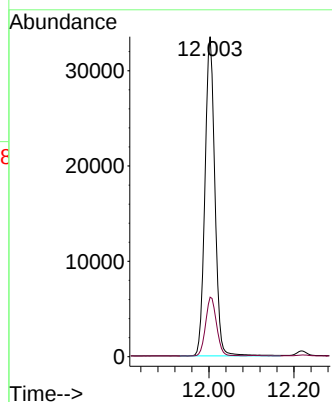
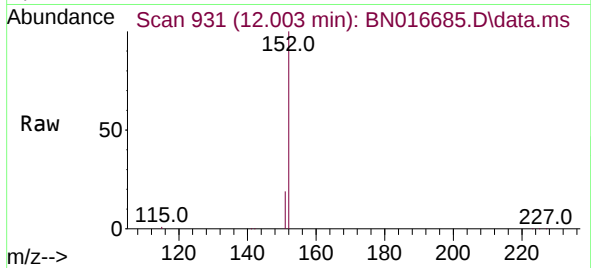




#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

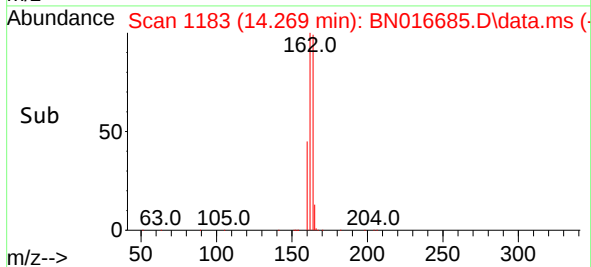
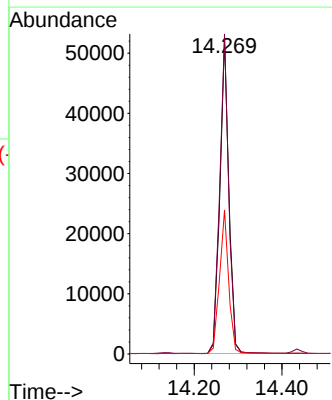
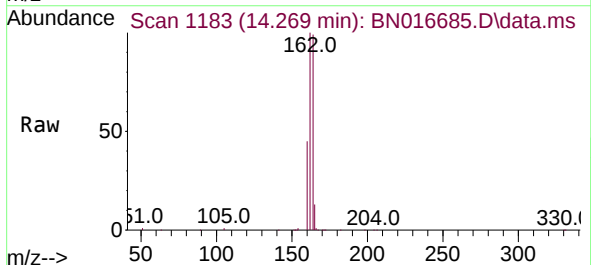
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 54050
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

Tgt Ion:164 Resp: 74725
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 45.5 37.7 56.5

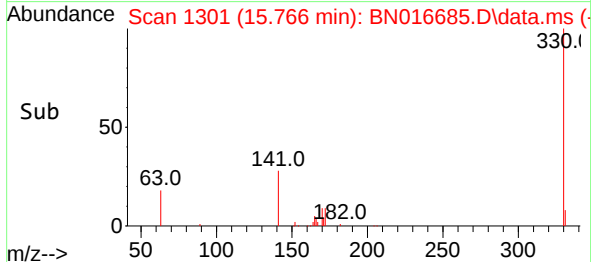
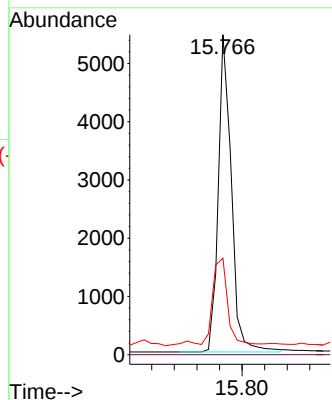
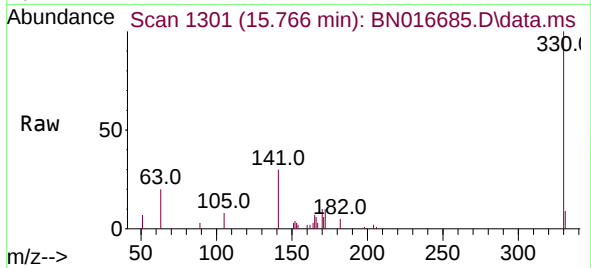




#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

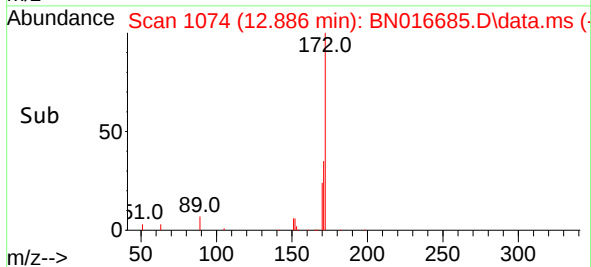
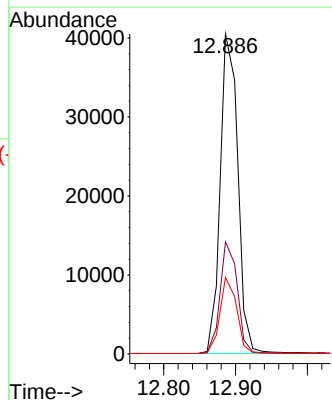
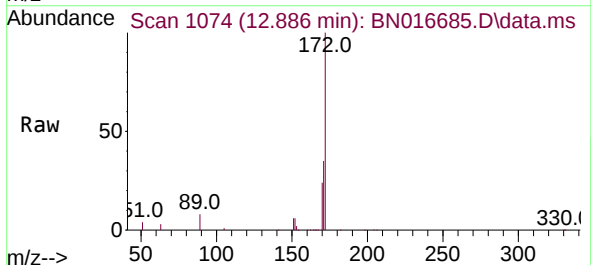
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BNA_N
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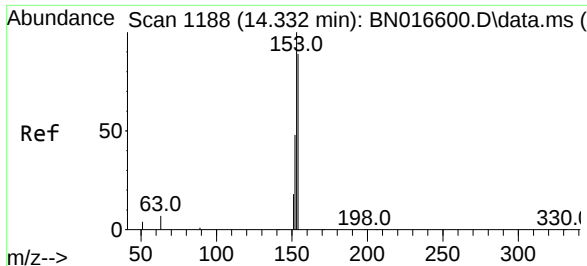
Tgt Ion:330 Resp: 8732
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.3 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.228 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

Tgt Ion:172 Resp: 68987
Ion Ratio Lower Upper
172 100
171 35.0 27.0 40.4
170 23.9 17.4 26.2

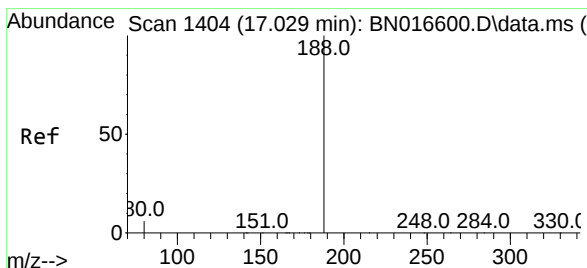
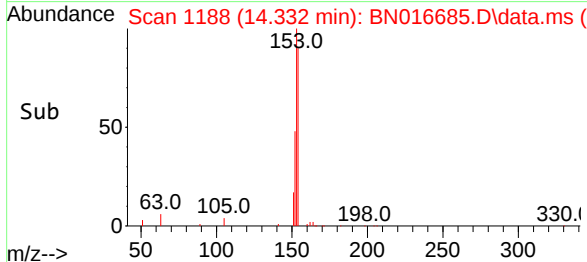
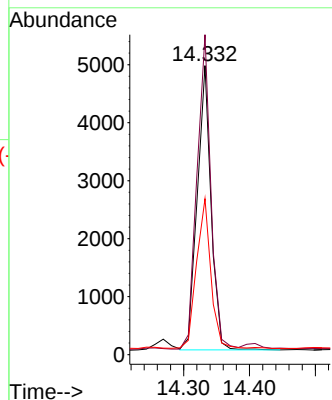
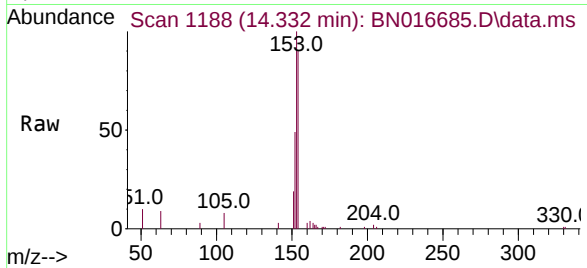




#17
Acenaphthene
Concen: 0.033 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

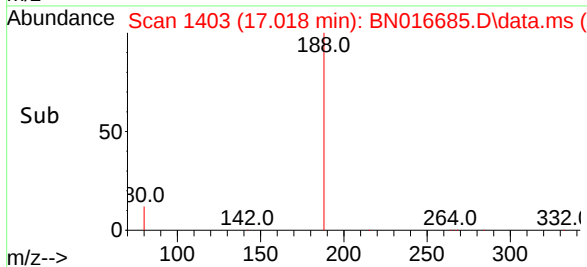
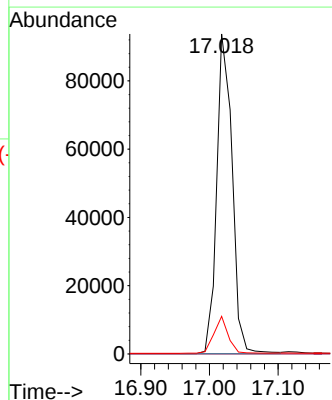
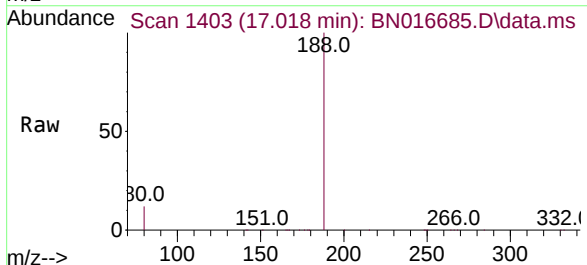
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ClientSampleId :

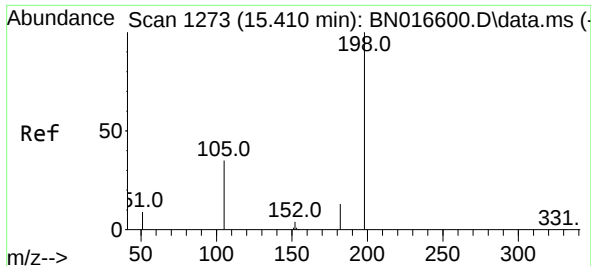
Tgt Ion:154 Resp: 7159
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.2
152 54.5 44.0 66.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

Tgt Ion:188 Resp: 145643
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 5.0 7.6#

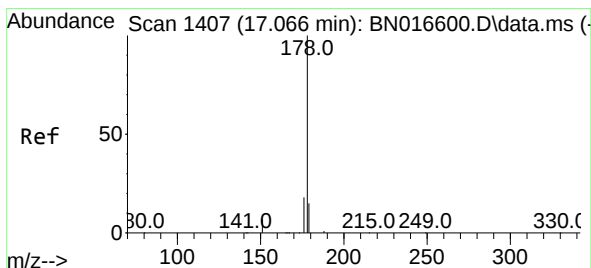
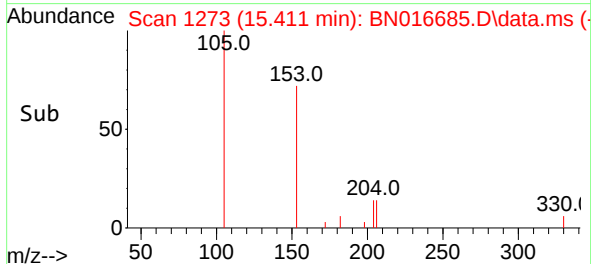
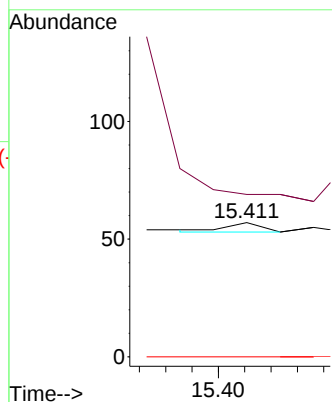
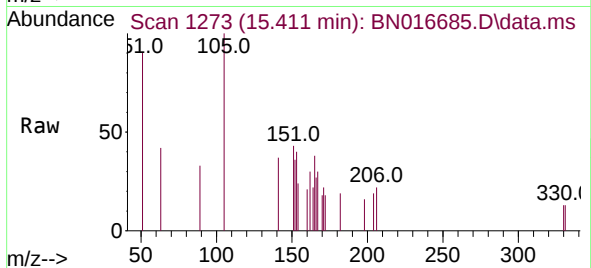




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

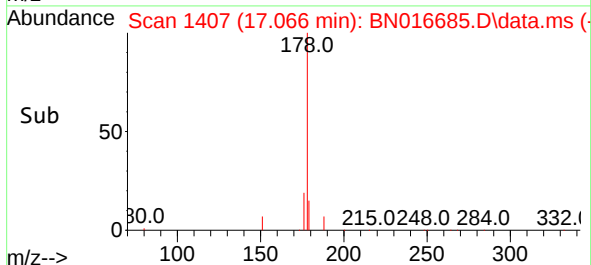
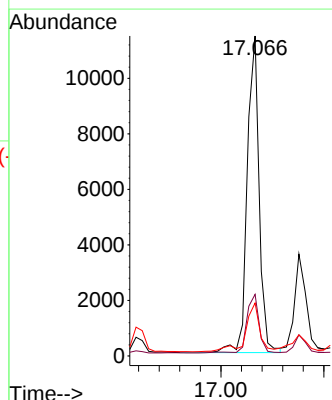
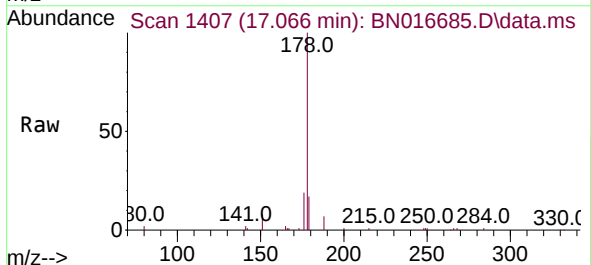
Instrument :
BNA_N
ClientSampled :

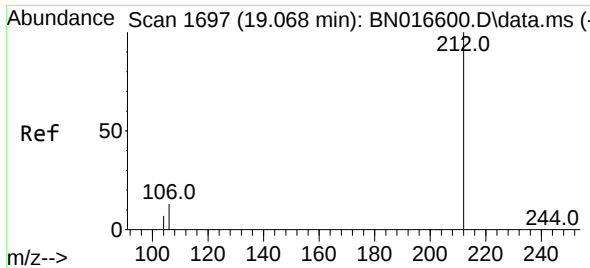
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 121.1 11.8 17.8#
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.042 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

Tgt Ion:178 Resp: 18360
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 18.1 12.2 18.4

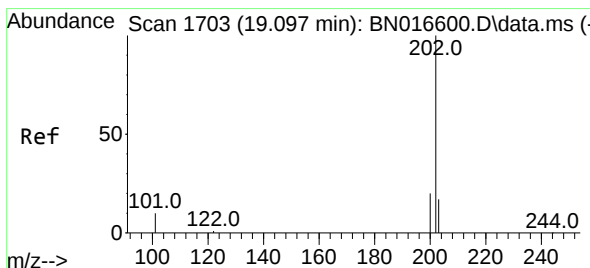
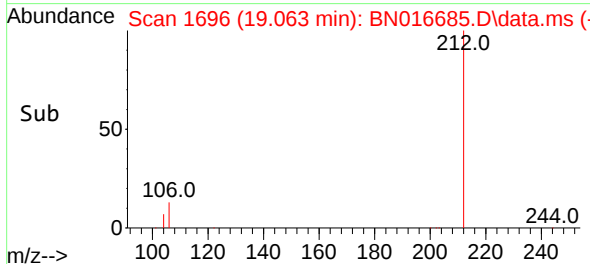
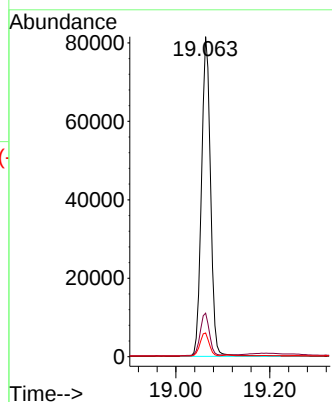
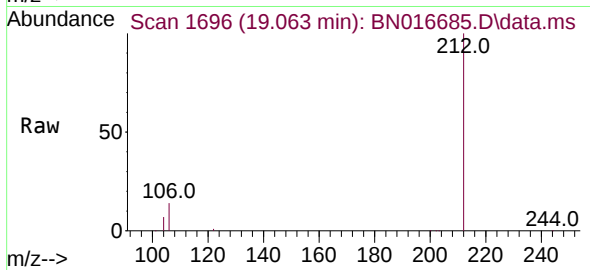




#27
Fluoranthene-d10
Concen: 0.281 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

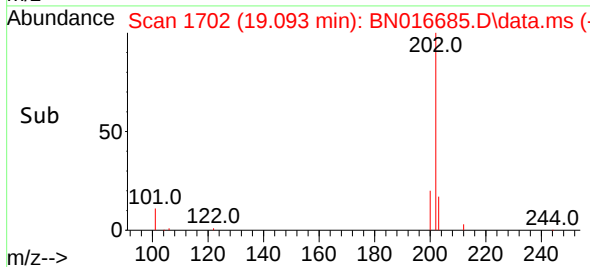
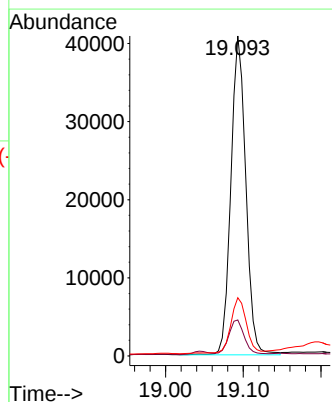
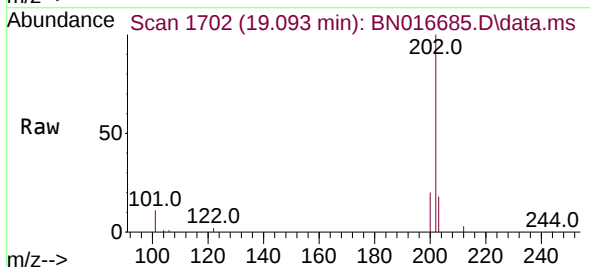
Instrument :
BNA_N
ClientSampleId :

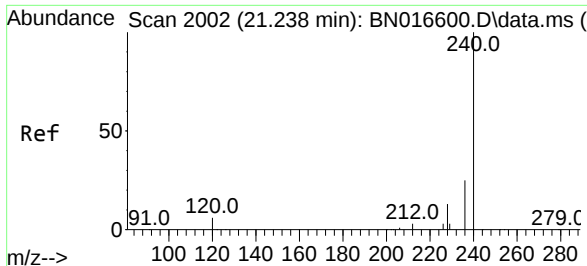
Tgt Ion:212 Resp: 108922
Ion Ratio Lower Upper
212 100
106 13.8 10.6 16.0
104 7.3 5.9 8.9



#28
Fluoranthene
Concen: 0.115 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

Tgt Ion:202 Resp: 54603
Ion Ratio Lower Upper
202 100
101 10.7 9.0 13.4
203 18.8 13.8 20.6

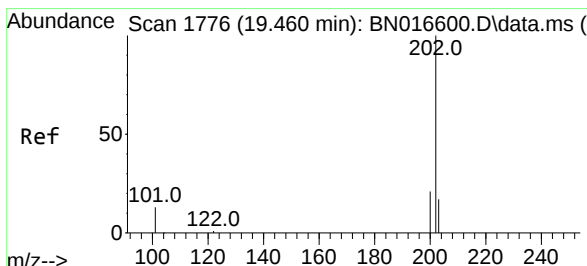
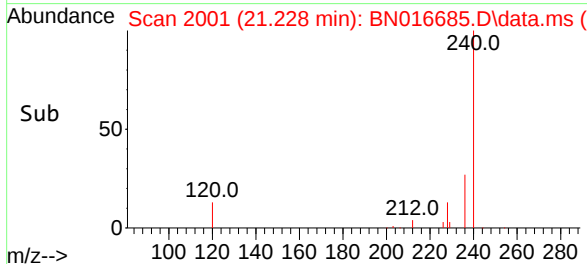
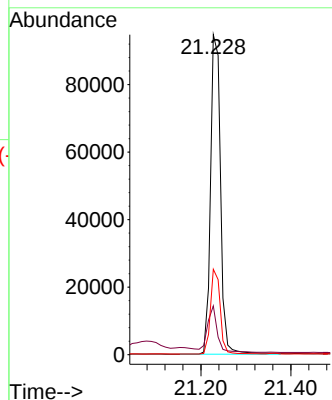
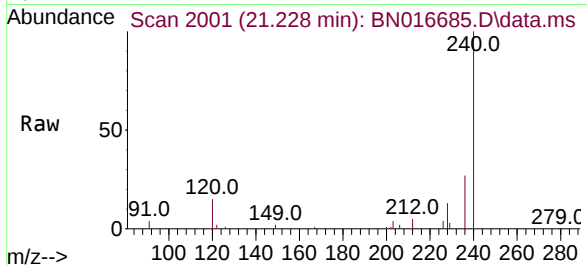




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

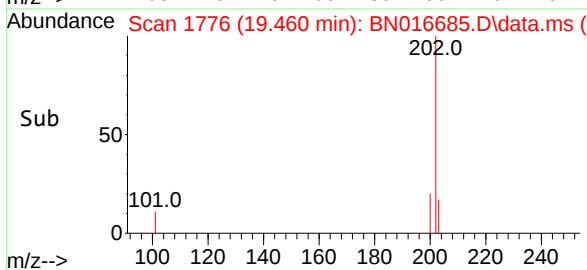
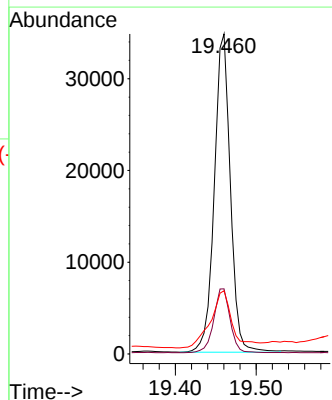
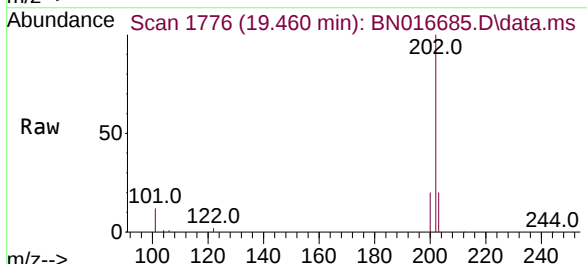
Instrument :
BNA_N
ClientSampleId :

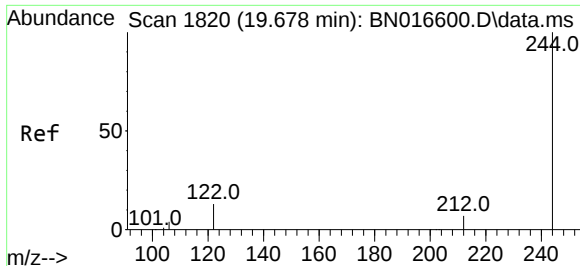
Tgt Ion:240 Resp: 145311
Ion Ratio Lower Upper
240 100
120 15.3 5.0 7.4#
236 26.7 20.4 30.6



#30
Pyrene
Concen: 0.102 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

Tgt Ion:202 Resp: 47962
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 24.3 14.0 21.0#

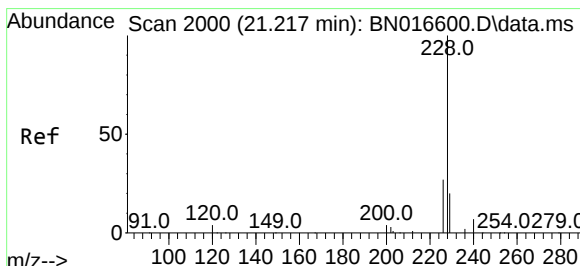
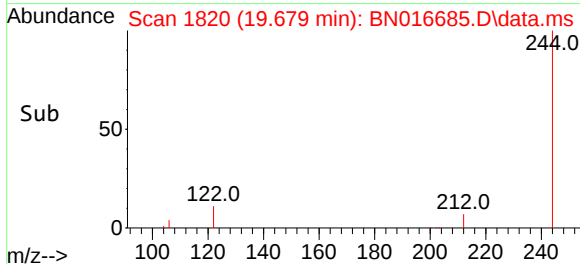
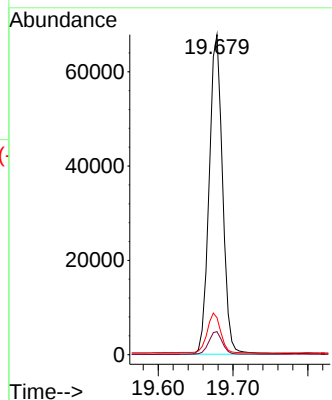
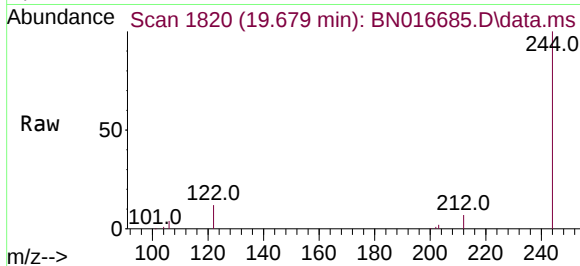




#31
 Terphenyl-d14
 Concen: 0.268 ng
 RT: 19.679 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016685.D
 Acq: 02 Oct 2021 23:45

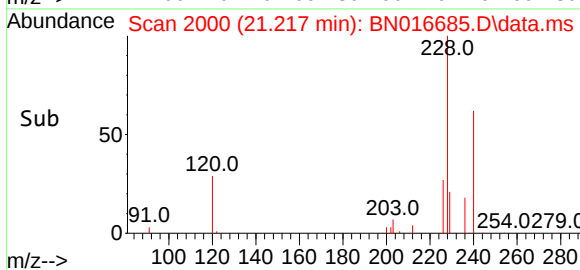
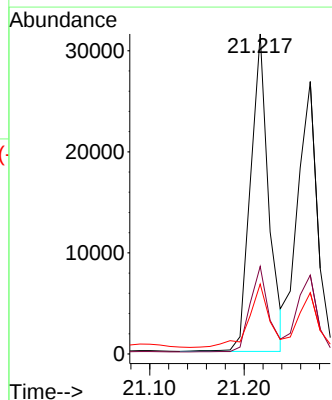
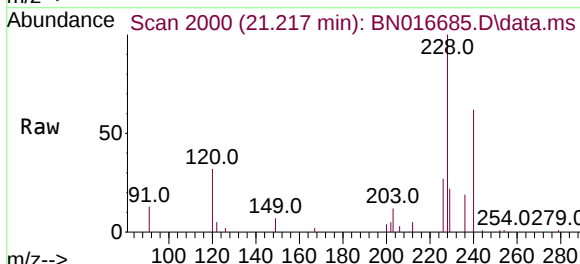
Instrument :
 BNA_N
 ClientSampled :

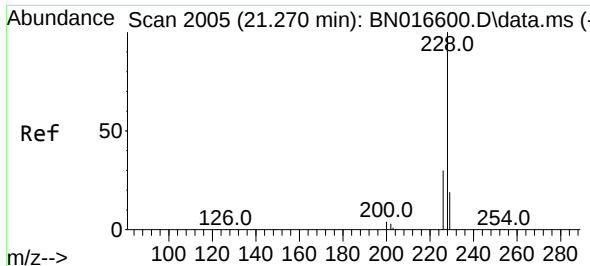
Tgt Ion:244 Resp: 84527
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.5 10.1 15.1



#32
 Benzo(a)anthracene
 Concen: 0.094 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: BN016685.D
 Acq: 02 Oct 2021 23:45

Tgt Ion:228 Resp: 41946
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.9 32.9
 229 21.9 15.7 23.5

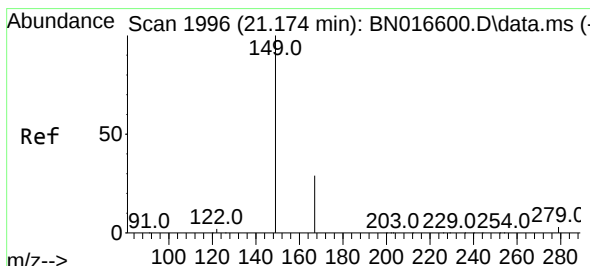
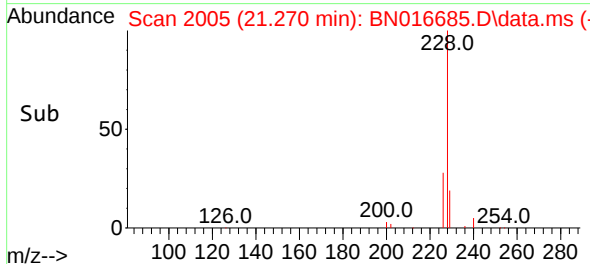
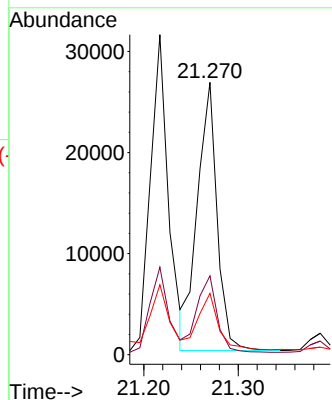
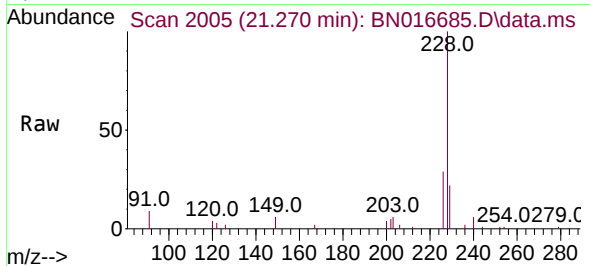




#33
Chrysene
Concen: 0.085 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

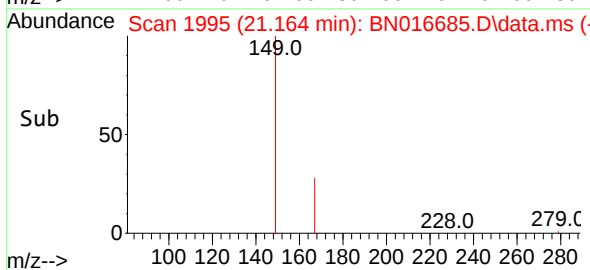
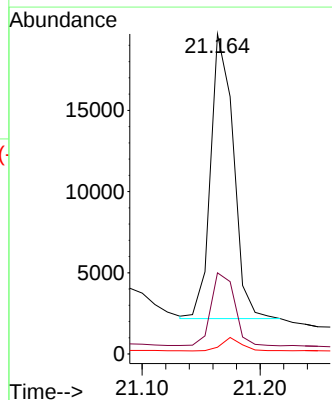
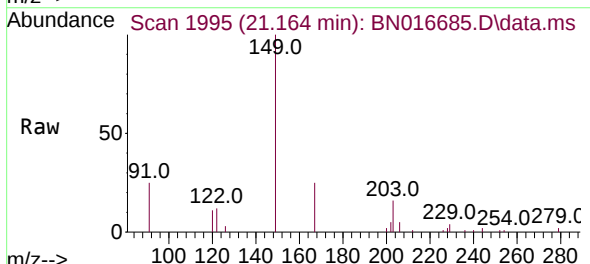
Instrument :
BNA_N
ClientSampled :

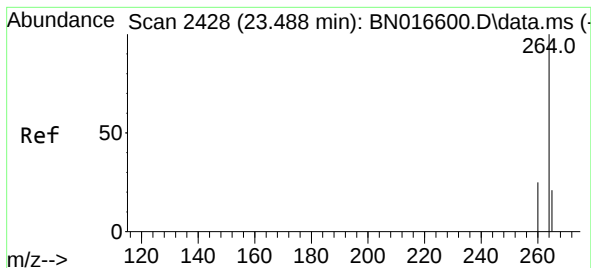
Tgt Ion:228 Resp: 38468
Ion Ratio Lower Upper
228 100
226 29.0 23.7 35.5
229 22.5 15.5 23.3



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.132 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

Tgt Ion:149 Resp: 23505
Ion Ratio Lower Upper
149 100
167 26.5 22.2 33.4
279 4.1 3.2 4.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.481 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BN016685.D

Acq: 02 Oct 2021 23:45

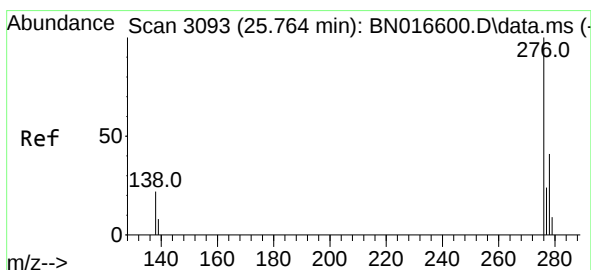
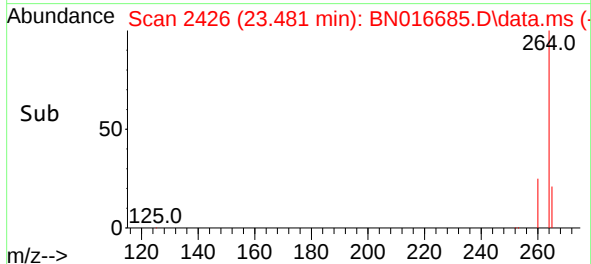
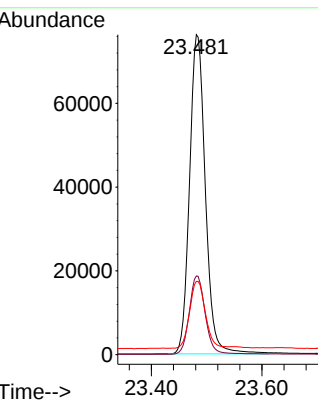
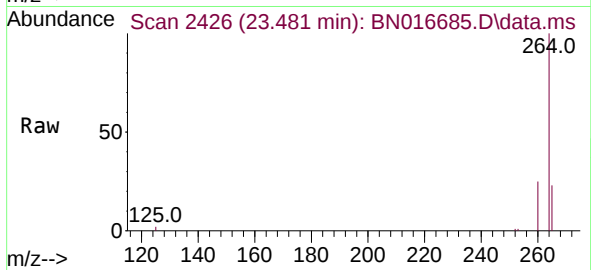
Tgt Ion:264 Resp: 151267

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 22.9 19.2 28.8



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.057 ng

RT: 25.761 min Scan# 3092

Delta R.T. -0.003 min

Lab File: BN016685.D

Acq: 02 Oct 2021 23:45

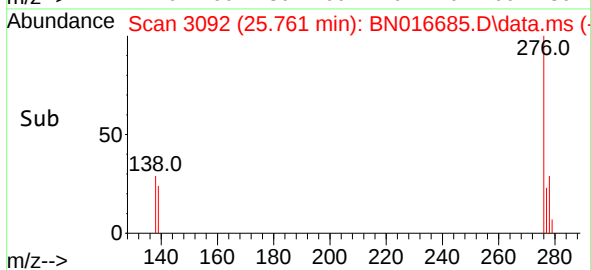
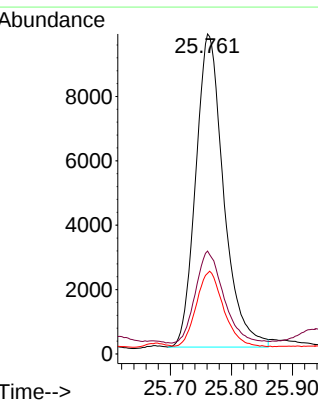
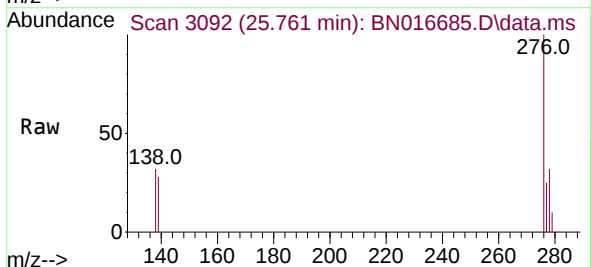
Tgt Ion:276 Resp: 30851

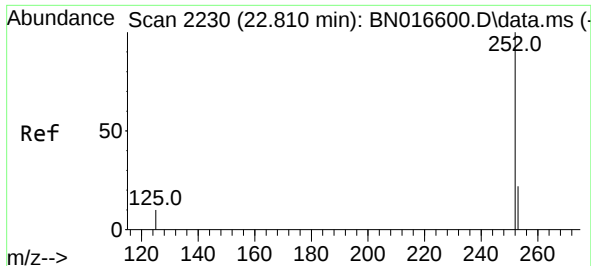
Ion Ratio Lower Upper

276 100

138 29.8 19.5 29.3#

277 23.2 19.9 29.9

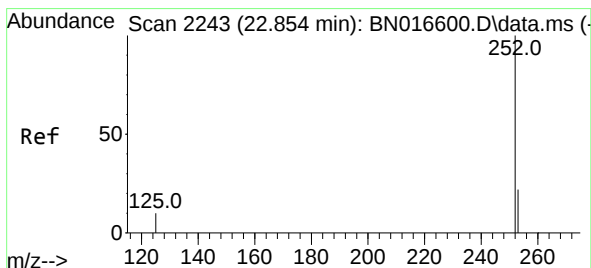
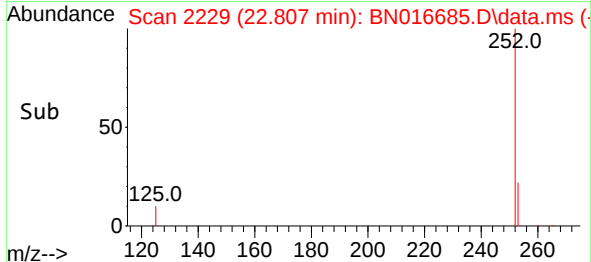
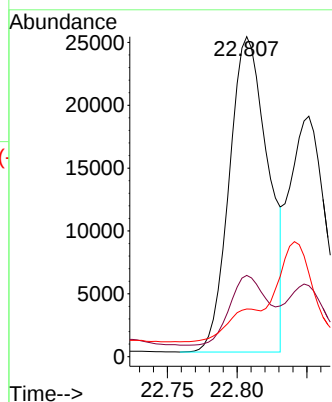
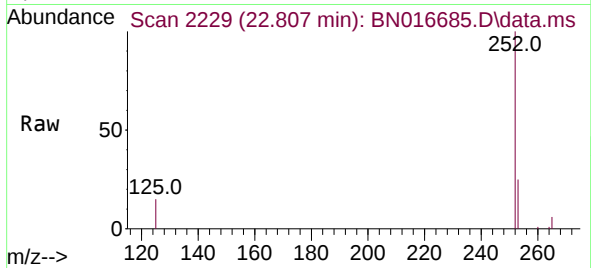




#37
Benzo(b)fluoranthene
Concen: 0.100 ng
RT: 22.807 min Scan# 2229
Delta R.T. -0.003 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

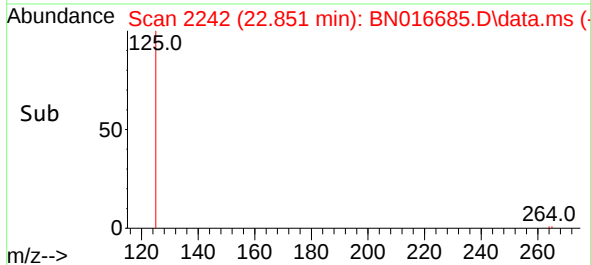
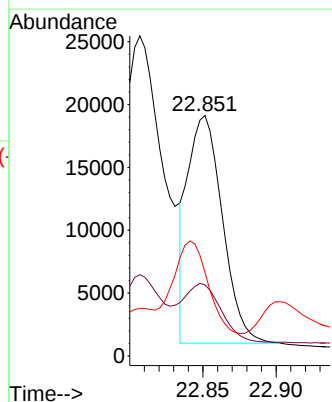
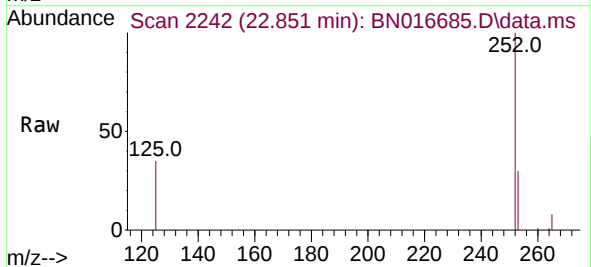
Instrument :
BNA_N
ClientSampleId :

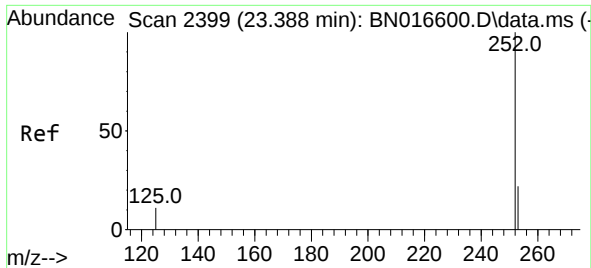
Tgt Ion:252 Resp: 48559
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.8
125 14.9 8.0 12.0#



#38
Benzo(k)fluoranthene
Concen: 0.062 ng
RT: 22.851 min Scan# 2242
Delta R.T. -0.003 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

Tgt Ion:252 Resp: 29842
Ion Ratio Lower Upper
252 100
253 29.5 17.8 26.6#
125 34.7 8.0 12.0#

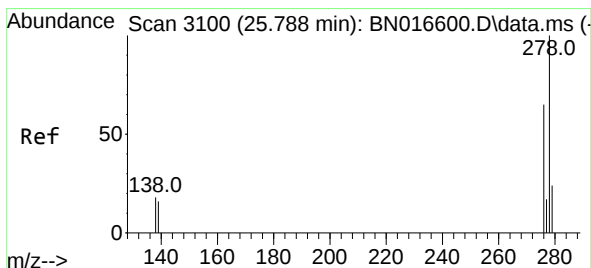
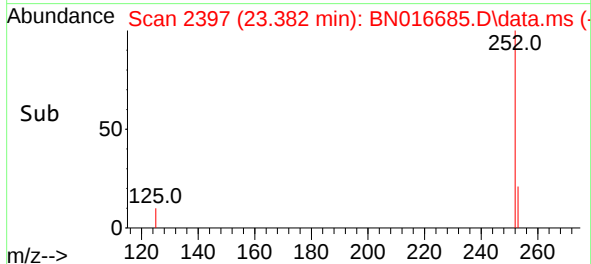
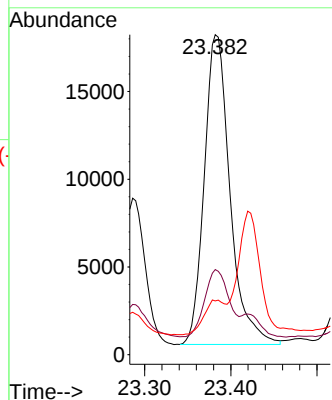
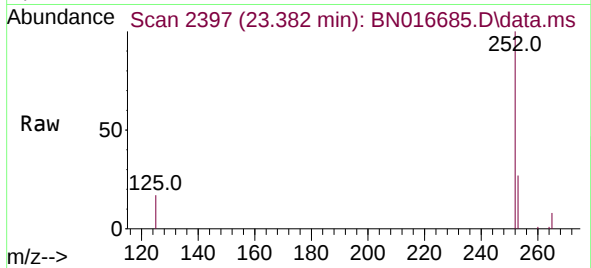




#39
Benzo(a)pyrene
Concen: 0.085 ng
RT: 23.382 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

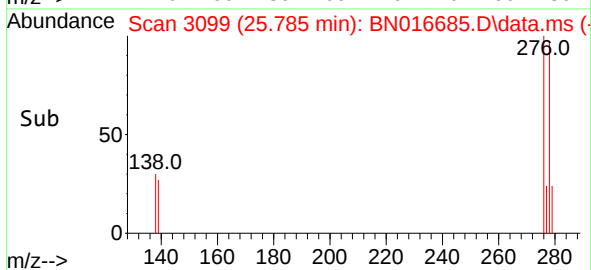
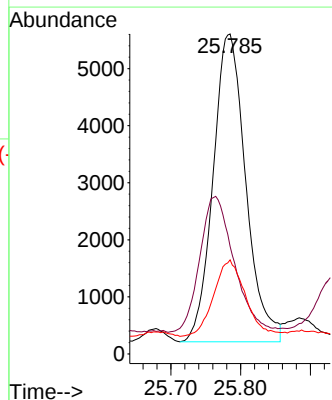
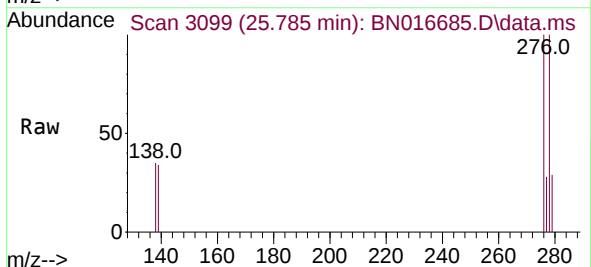
Instrument :
BNA_N
ClientSampleId :

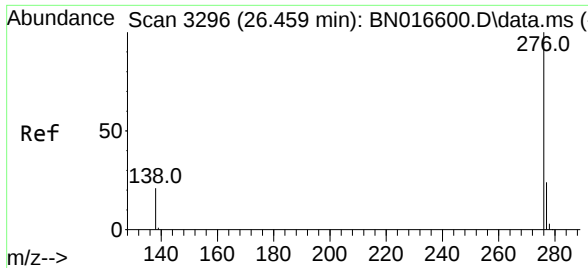
Tgt Ion:252	Resp:	36606
Ion Ratio	Lower	Upper
252	100	
253	26.6	17.8 26.8
125	16.8	9.0 13.4#



#40
Dibenzo(a,h)anthracene
Concen: 0.040 ng
RT: 25.785 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

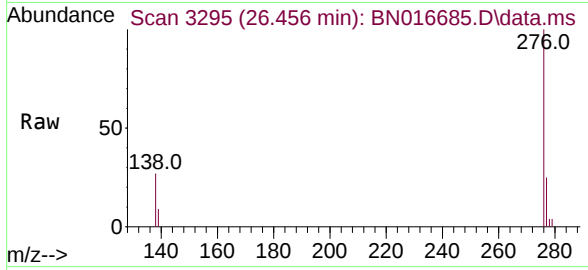
Tgt Ion:278	Resp:	17584
Ion Ratio	Lower	Upper
278	100	
139	33.6	13.1 19.7#
279	29.4	19.1 28.7#





#41
Benzo(g,h,i)perylene
Concen: 0.057 ng
RT: 26.456 min Scan# 3295
Delta R.T. -0.003 min
Lab File: BN016685.D
Acq: 02 Oct 2021 23:45

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:276 Resp: 27320
Ion Ratio Lower Upper
276 100
277 25.0 19.0 28.6
138 26.7 16.9 25.3#

