

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016683.D
 Acq On : 02 Oct 2021 22:33
 Operator : CG/JU
 Sample : M3892-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-825-N-SO-1-1.5-092221

Quant Time: Oct 04 03:35:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

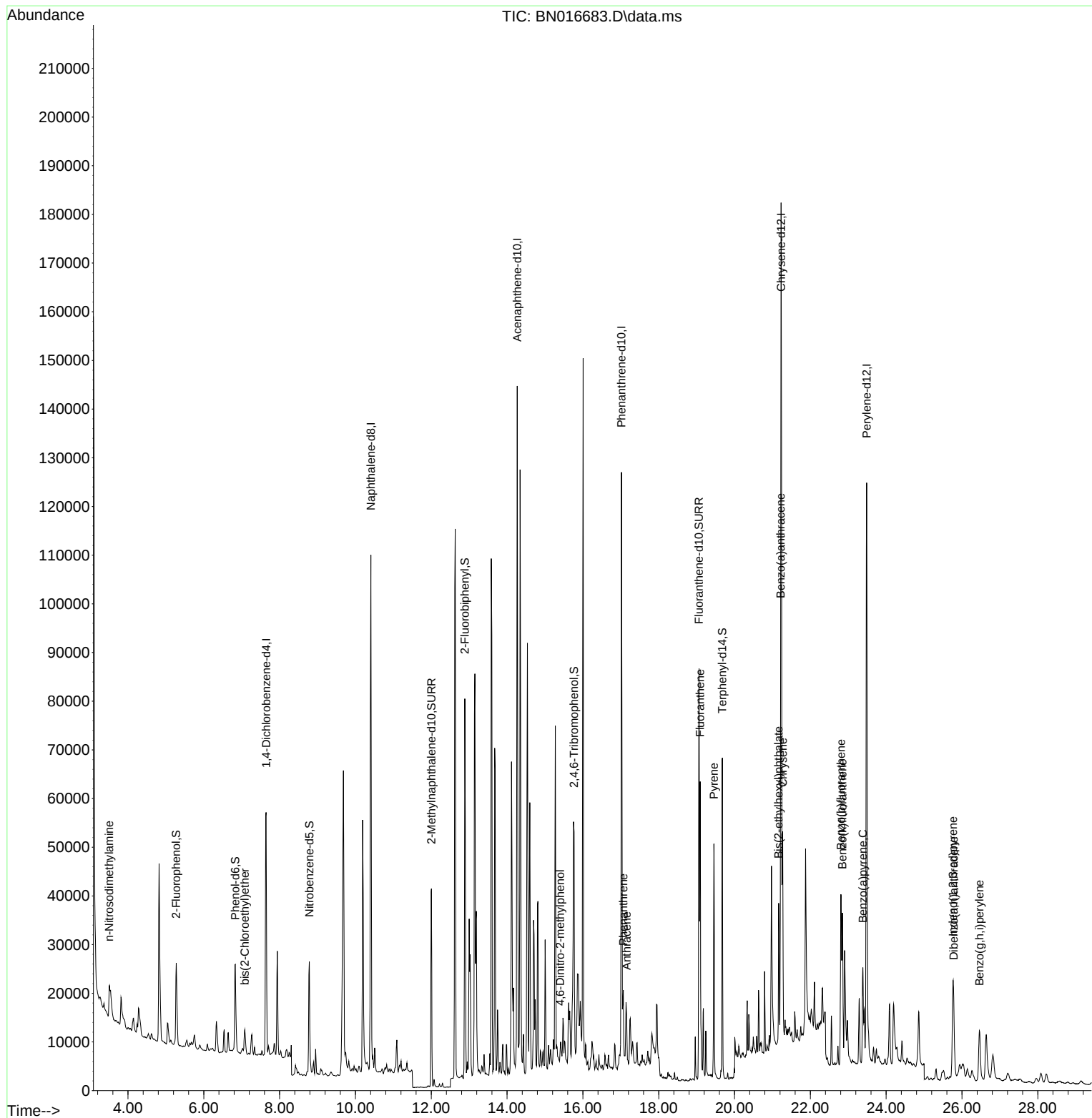
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31366	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	142266	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	78881	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	153963	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	155667	0.400	ng	#-0.01
35) Perylene-d12	23.485	264	163583	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	20804	0.260	ng	0.02
5) Phenol-d6	6.831	99	21281	0.243	ng	0.00
8) Nitrobenzene-d5	8.784	82	22342	0.241	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	55045	0.262	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10787	0.300	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	67173	0.210	ng	-0.01
27) Fluoranthene-d10	19.063	212	92998	0.227	ng	0.00
31) Terphenyl-d14	19.679	244	67395	0.199	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.502	42	3195	0.138	ng	# 1
6) bis(2-Chloroethyl)ether	7.080	93	10323	0.121	ng	# 25
20) 4,6-Dinitro-2-methylph...	15.398	198	21	0.137	ng	# 1
25) Phenanthrene	17.066	178	18055	0.039	ng	97
26) Anthracene	17.151	178	8042	0.020	ng	# 56
28) Fluoranthene	19.093	202	52420	0.105	ng	98
30) Pyrene	19.455	202	43999	0.087	ng	# 96
32) Benzo(a)anthracene	21.217	228	35414	0.074	ng	97
33) Chrysene	21.270	228	37949	0.078	ng	98
34) Bis(2-ethylhexyl)phtha...	21.164	149	29475	0.155	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.764	276	27610	0.047	ng	# 85
37) Benzo(b)fluoranthene	22.807	252	51145	0.097	ng	# 87
38) Benzo(k)fluoranthene	22.848	252	25135	0.048	ng	# 46
39) Benzo(a)pyrene	23.385	252	29865	0.064	ng	# 79
40) Dibenzo(a,h)anthracene	25.785	278	13152	0.028	ng	# 49
41) Benzo(g,h,i)perylene	26.459	276	22646	0.044	ng	# 87

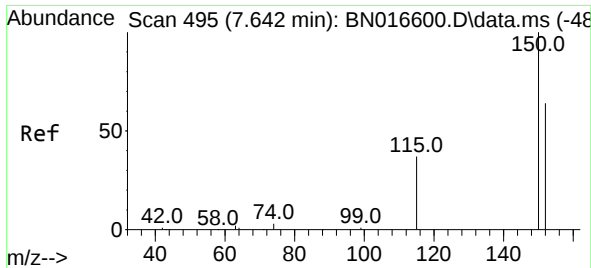
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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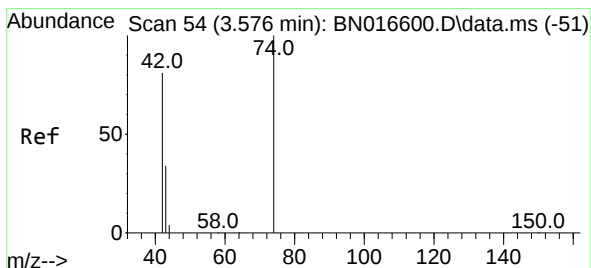
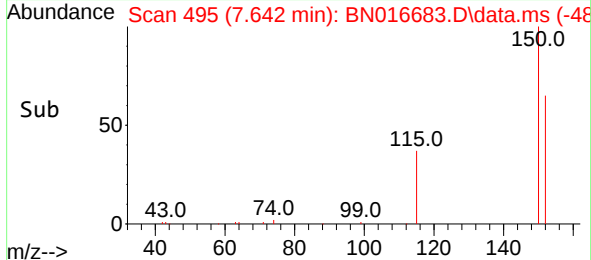
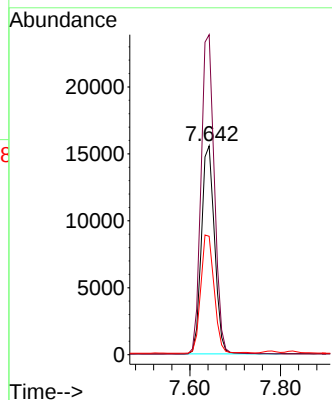
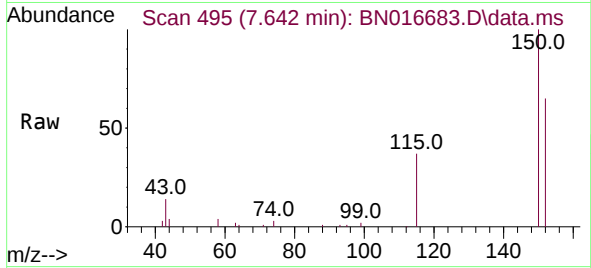




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

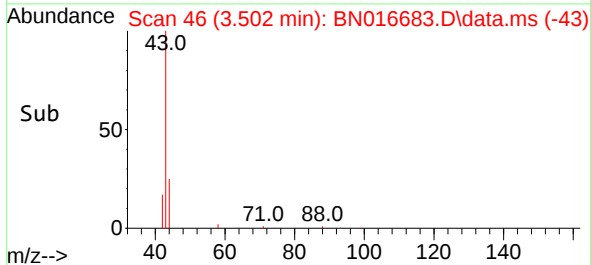
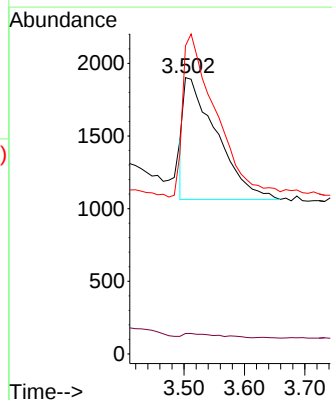
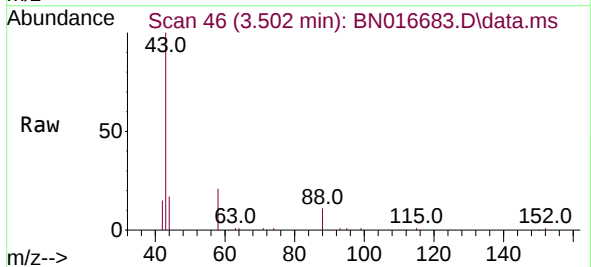
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-1-1.5-092221

Tgt Ion:152 Resp: 31366
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 56.7 46.5 69.7



#3
n-Nitrosodimethylamine
Concen: 0.138 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.073 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion: 42 Resp: 3195
Ion Ratio Lower Upper
42 100
74 3.6 121.6 182.4#
44 118.7 6.3 9.5#

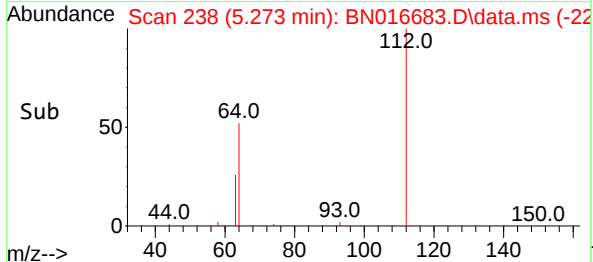
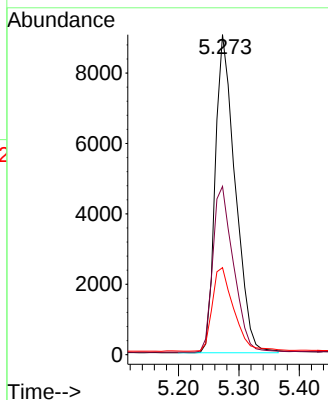
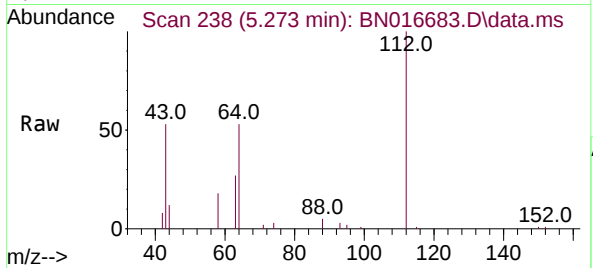




#4
2-Fluorophenol
Concen: 0.260 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

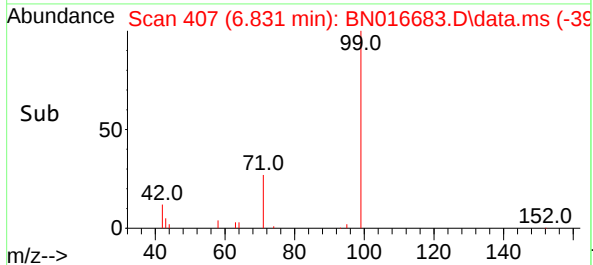
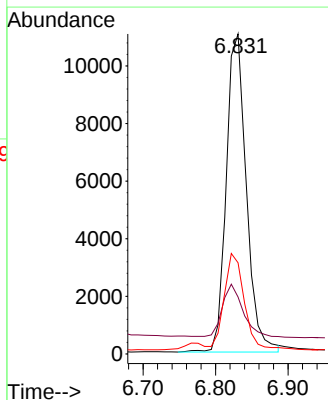
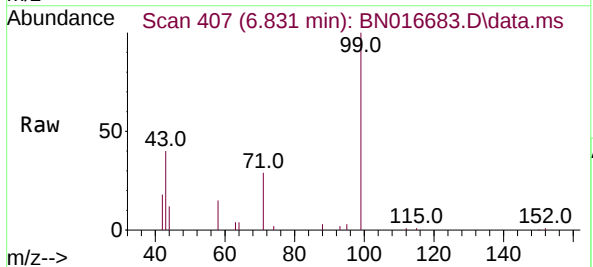
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ClientSampleId :
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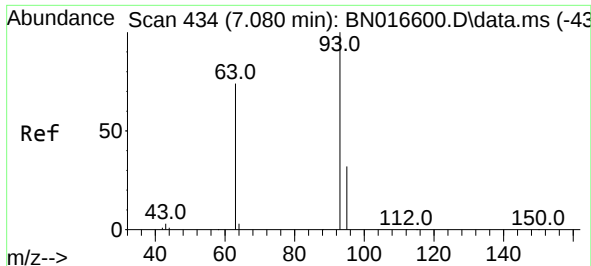
Tgt Ion:	112	Resp:	20804
Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.1	64.7
63	28.1	21.6	32.4



#5
Phenol-d6
Concen: 0.243 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:	99	Resp:	21281
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.0	19.6
71	28.4	23.5	35.3

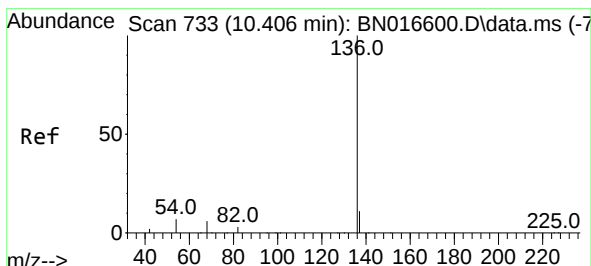
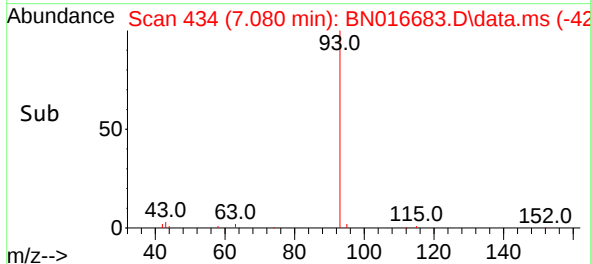
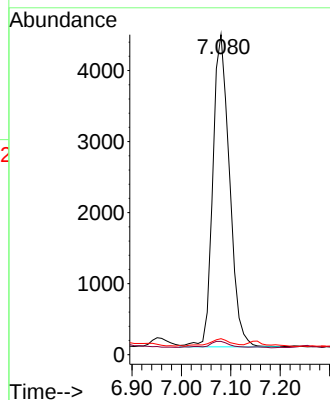
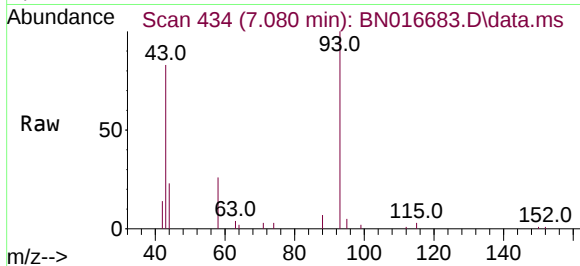




#6
bis(2-Chloroethyl)ether
Concen: 0.121 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

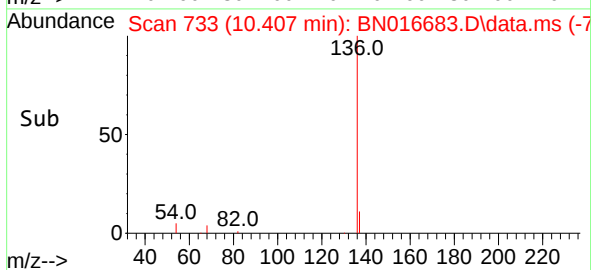
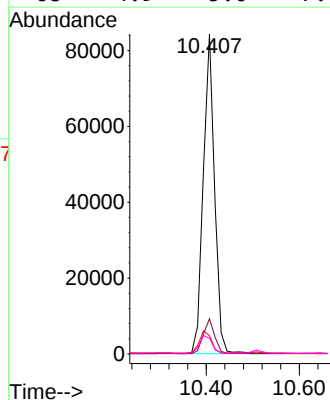
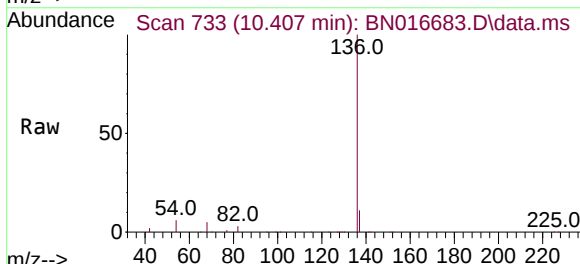
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-1-1.5-092221

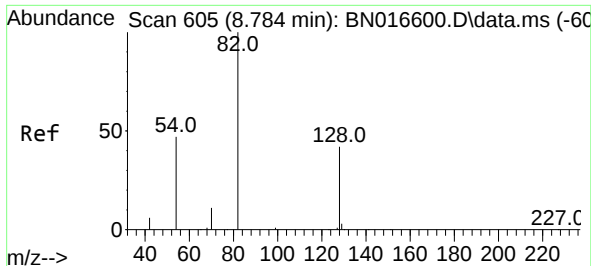
Tgt Ion: 93	Resp: 10323
Ion Ratio	Lower Upper
93 100	
63 2.2	59.1 88.7#
95 3.1	26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt	Ion:136	Resp:	142266
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	5.7	5.9	8.9#
68	4.9	5.0	7.6#

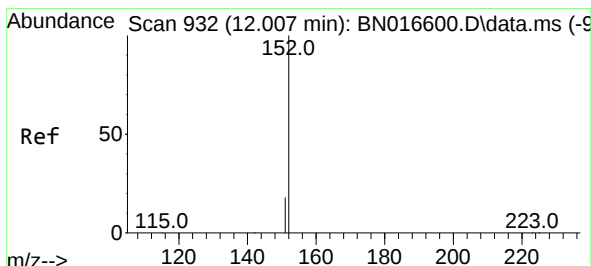
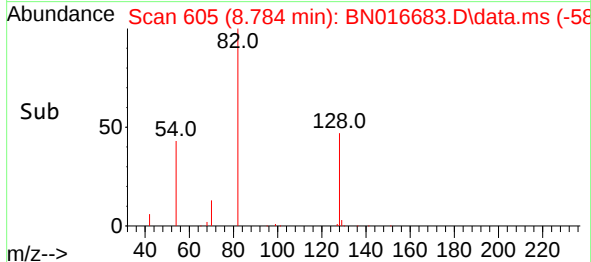
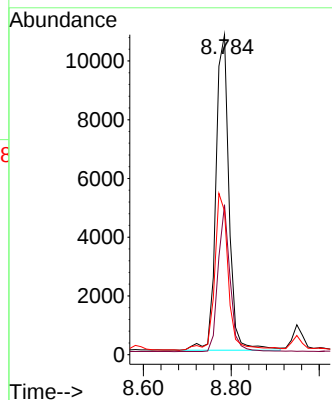
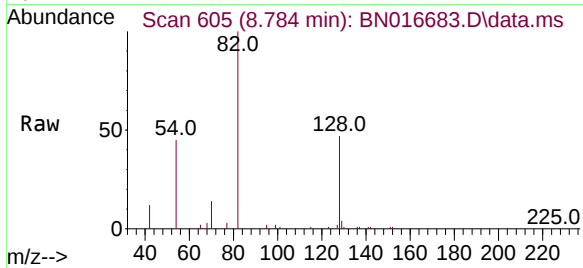




#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

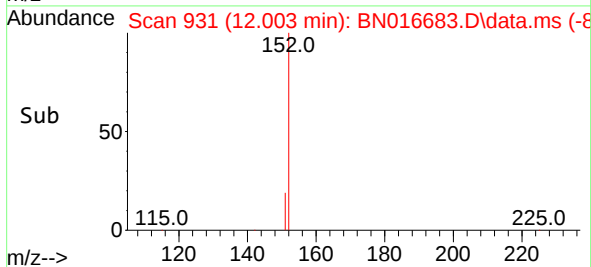
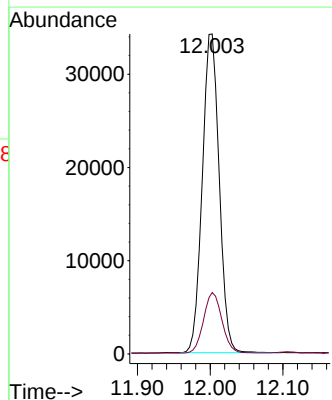
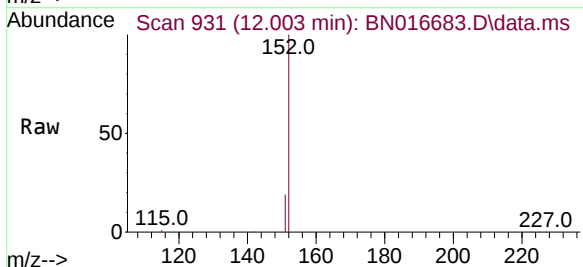
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-1-1.5-092221

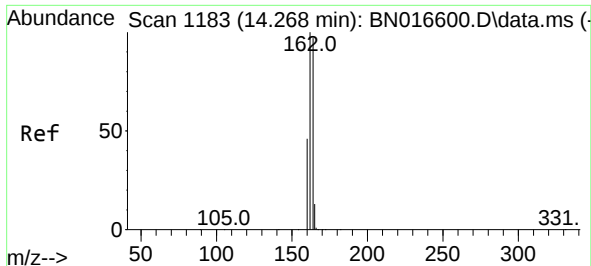
Tgt Ion:	82	Resp:	22342
Ion	Ratio	Lower	Upper
82	100		
128	46.9	33.6	50.4
54	44.9	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:	152	Resp:	55045
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4

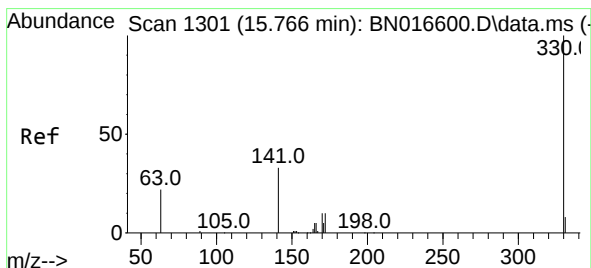
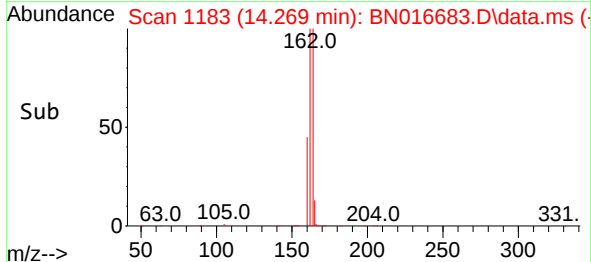
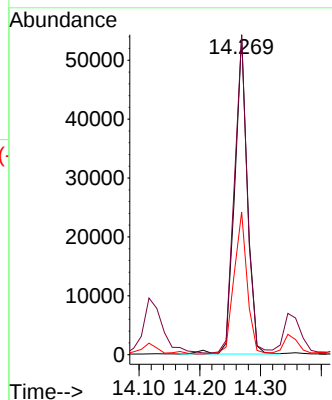
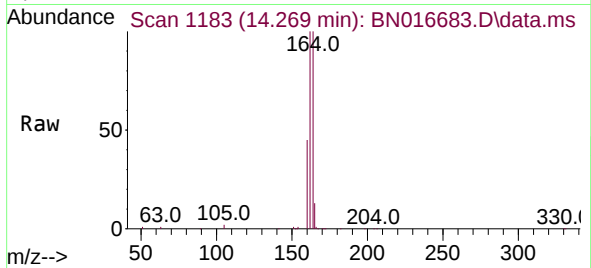




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

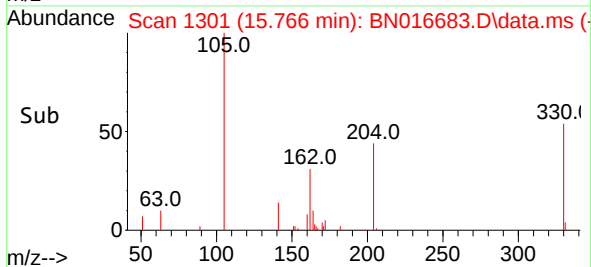
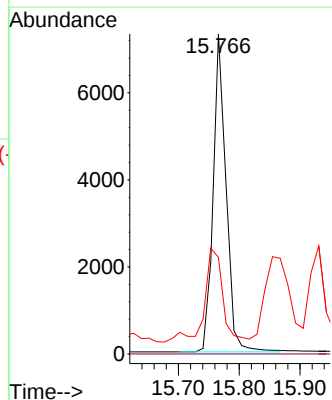
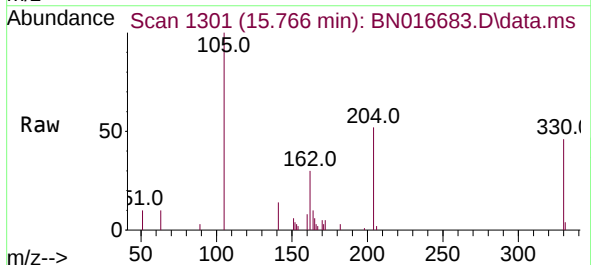
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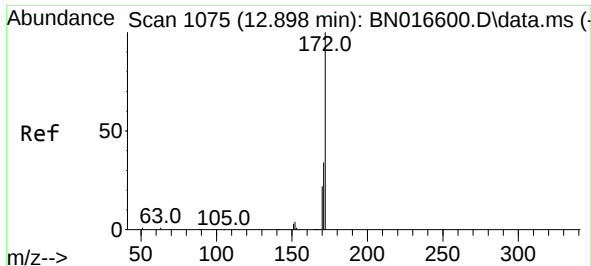
Tgt Ion:164 Resp: 78881
Ion Ratio Lower Upper
164 100
162 100.1 82.2 123.2
160 44.7 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:330 Resp: 10787
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.7 25.2 37.8

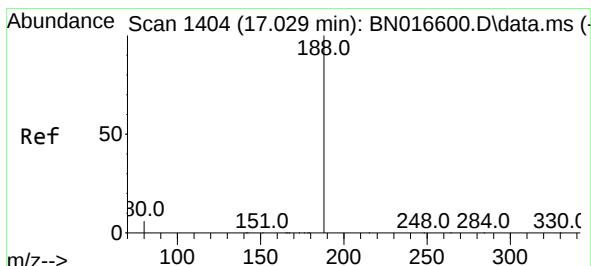
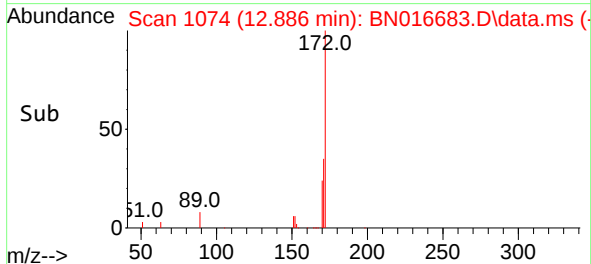
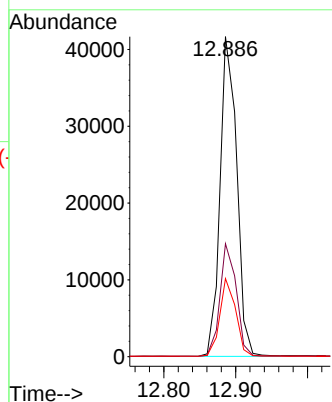
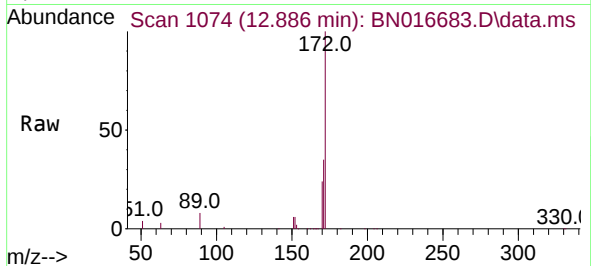




#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

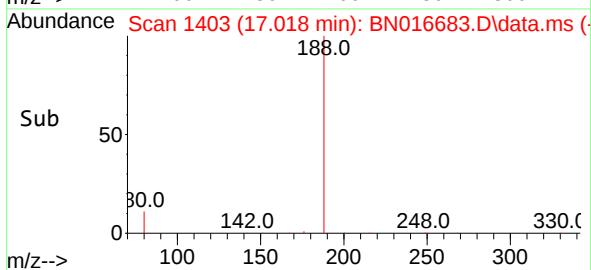
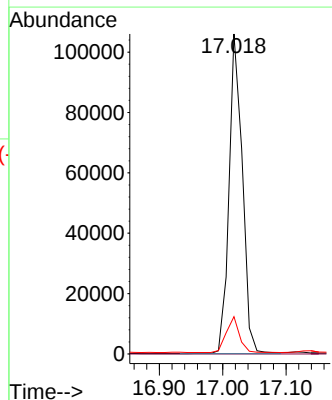
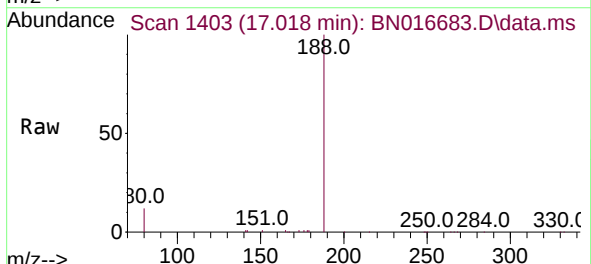
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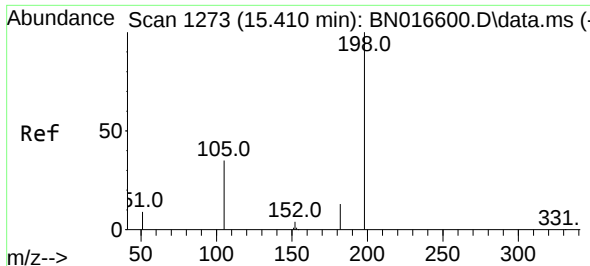
Tgt Ion:172	Resp:	67173
Ion Ratio	Lower	Upper
172	100	
171	35.3	27.0 40.4
170	24.4	17.4 26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:188	Resp:	153963
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.7	5.0 7.6#

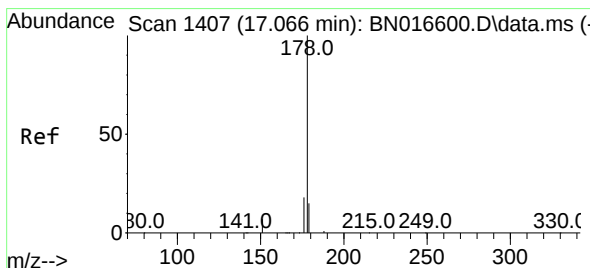
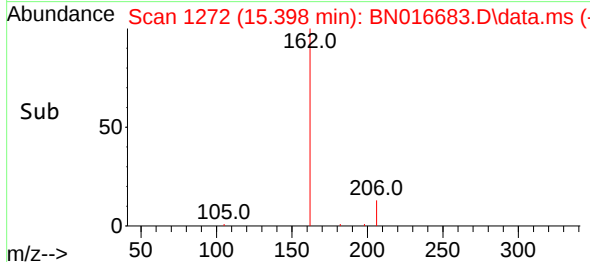
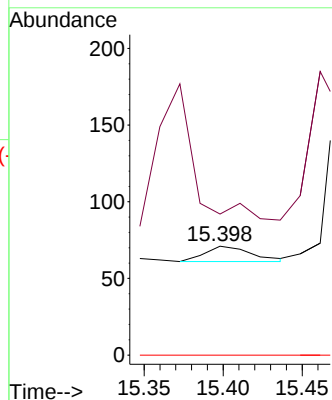
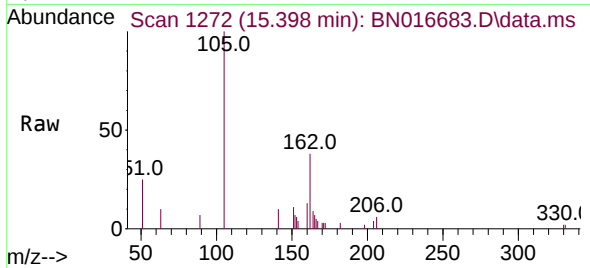




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

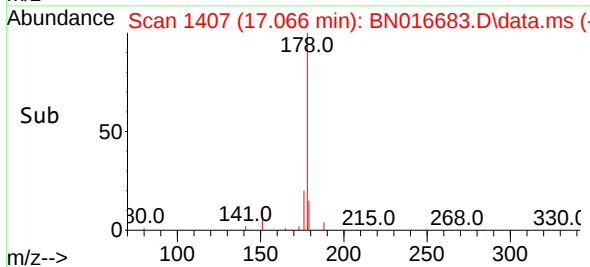
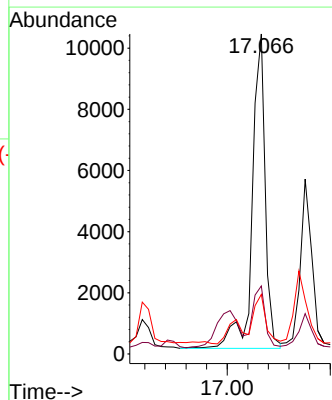
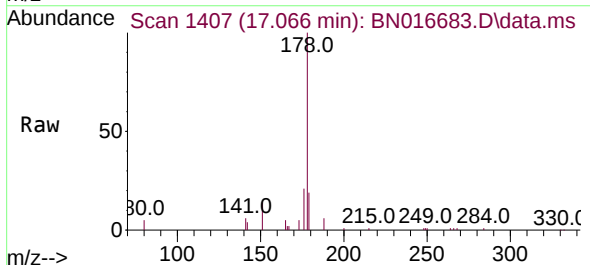
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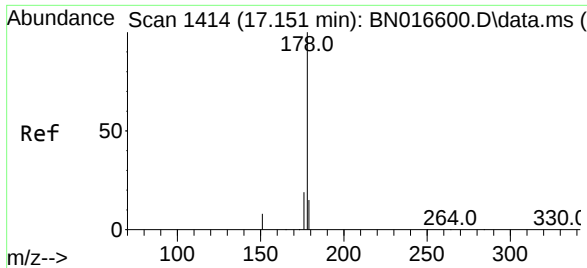
Tgt Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
182 129.6 11.8 17.8#
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.039 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:178 Resp: 18055
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 12.7 12.2 18.4

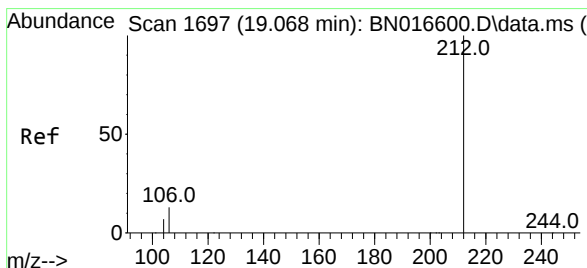
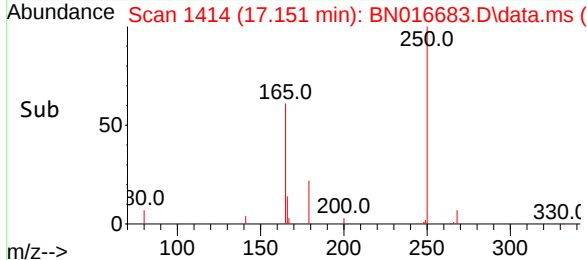
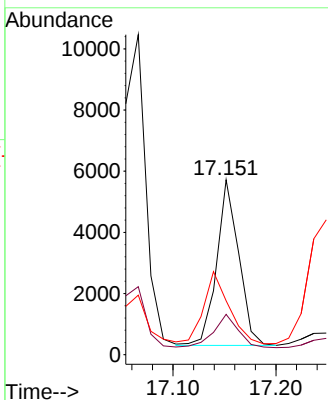
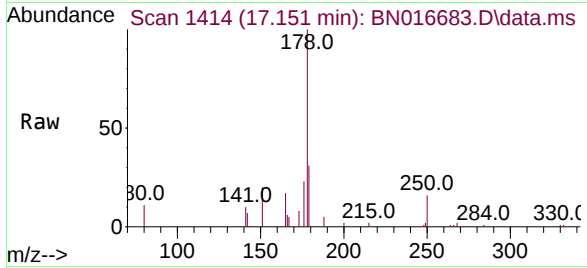




#26
 Anthracene
 Concen: 0.020 ng
 RT: 17.151 min Scan# 1414
 Delta R.T. 0.000 min
 Lab File: BN016683.D
 Acq: 02 Oct 2021 22:33

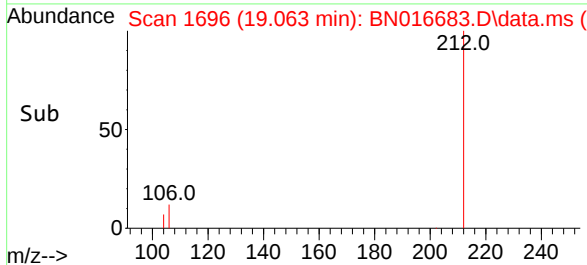
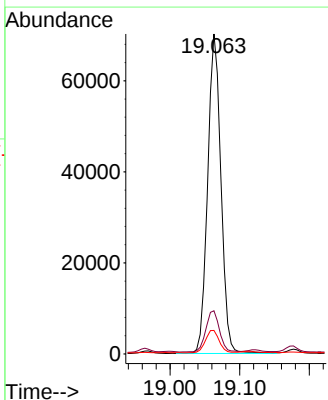
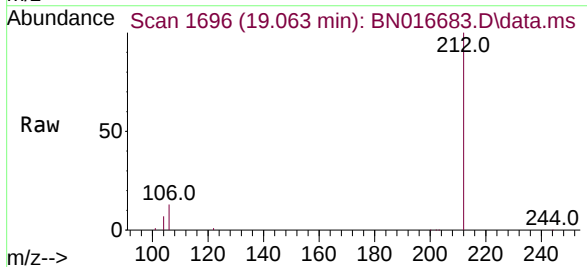
Instrument :
 BNA_N
 ClientSampleId :
 S-825-N-SO-1-1.5-092221

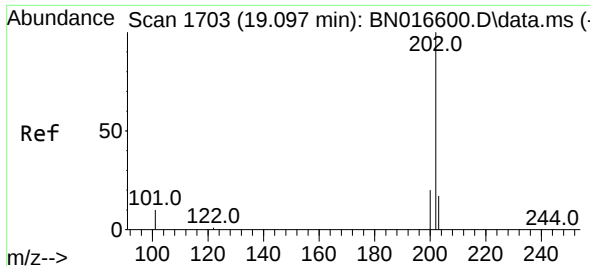
Tgt Ion:	178	Resp:	8042
Ion Ratio	Lower	Upper	
178	100		
176	22.8	14.6	21.8#
179	50.0	12.2	18.4#



#27
 Fluoranthene-d10
 Concen: 0.227 ng
 RT: 19.063 min Scan# 1696
 Delta R.T. -0.005 min
 Lab File: BN016683.D
 Acq: 02 Oct 2021 22:33

Tgt Ion:	212	Resp:	92998
Ion Ratio	Lower	Upper	
212	100		
106	13.2	10.6	16.0
104	7.3	5.9	8.9

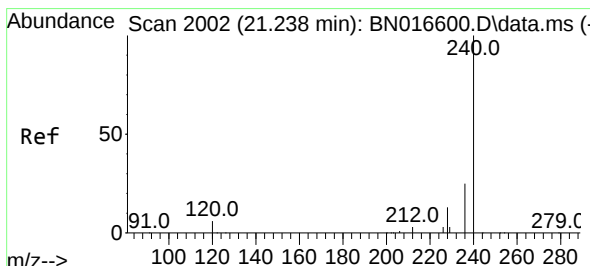
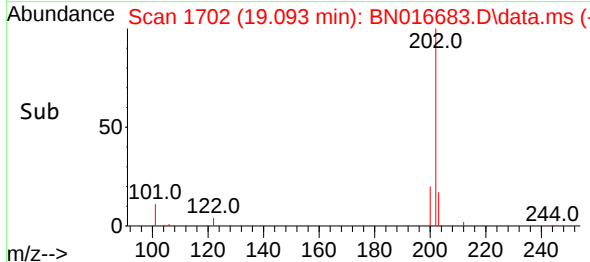
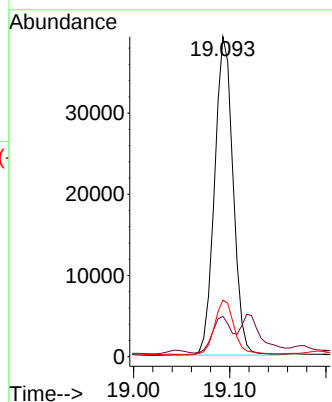
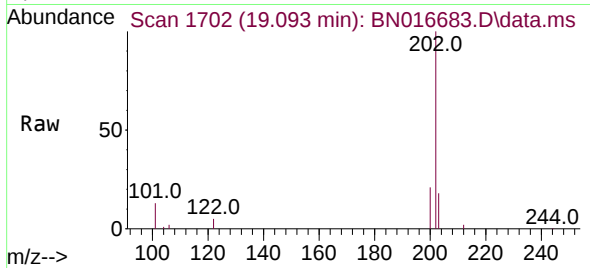




#28
Fluoranthene
Concen: 0.105 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

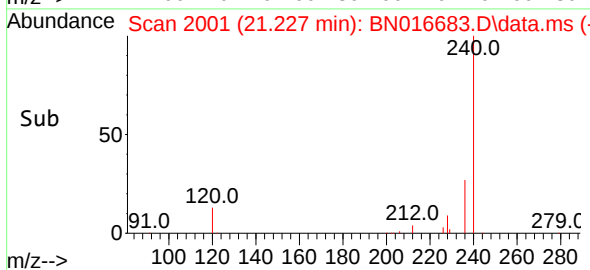
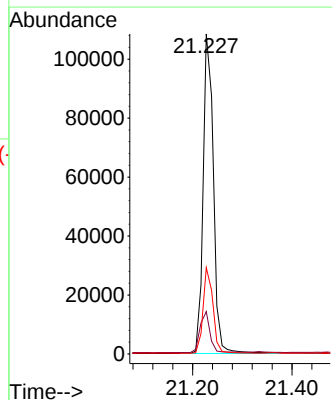
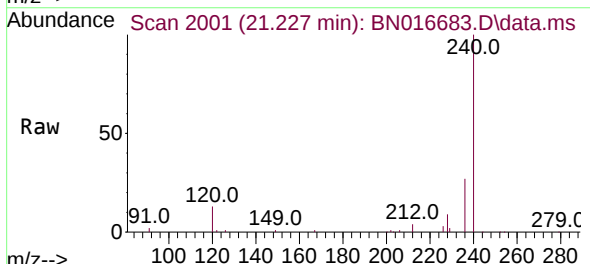
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-1-1.5-092221

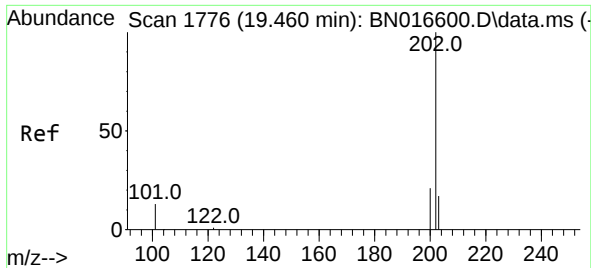
Tgt Ion:202 Resp: 52420
Ion Ratio Lower Upper
202 100
101 12.2 9.0 13.4
203 17.9 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:240 Resp: 155667
Ion Ratio Lower Upper
240 100
120 13.2 5.0 7.4#
236 27.0 20.4 30.6

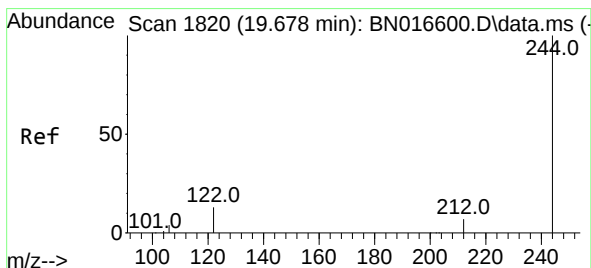
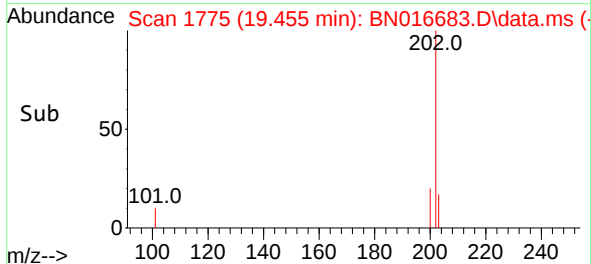
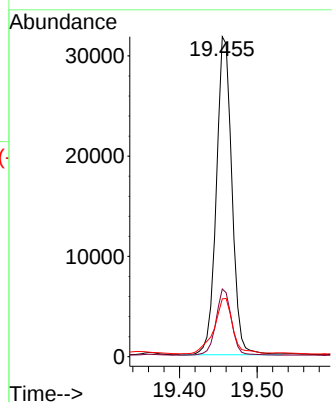
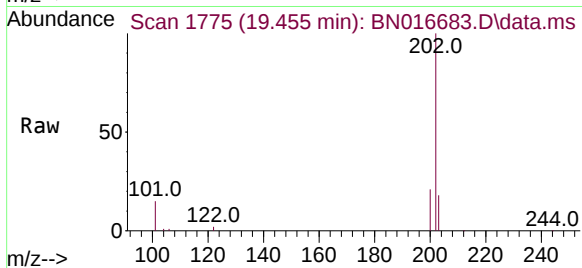




#30
Pyrene
Concen: 0.087 ng
RT: 19.455 min Scan# 1775
Delta R.T. -0.005 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

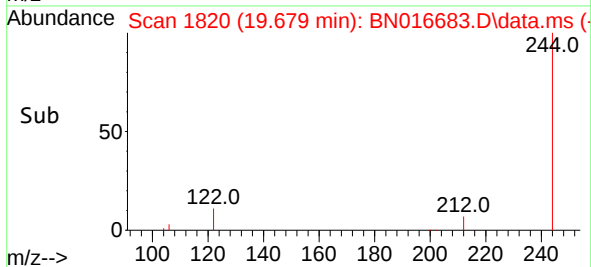
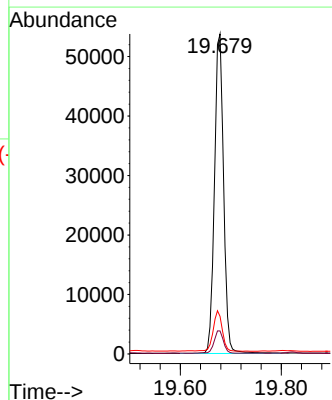
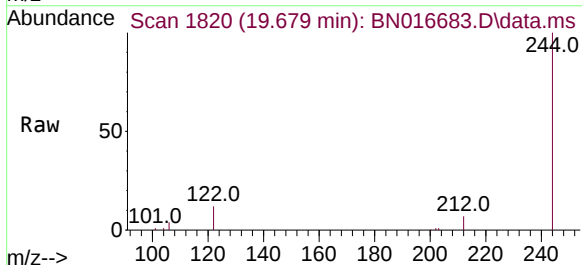
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-1-1.5-092221

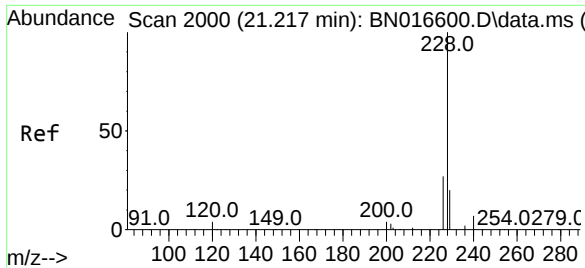
Tgt Ion:202 Resp: 43999
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 21.1 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.199 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:244 Resp: 67395
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.8 10.1 15.1

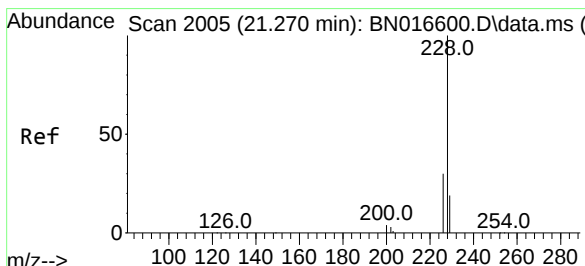
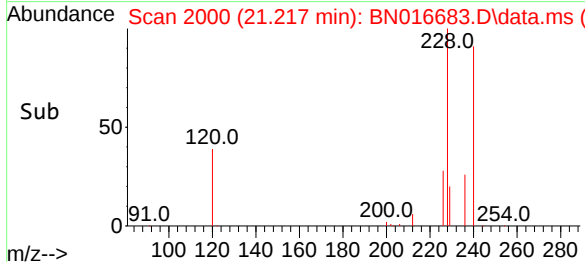
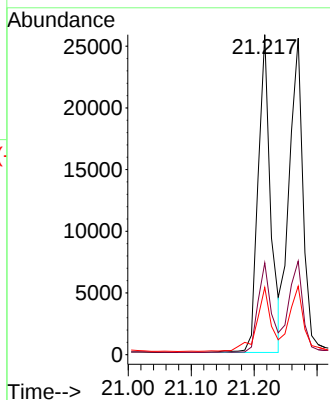
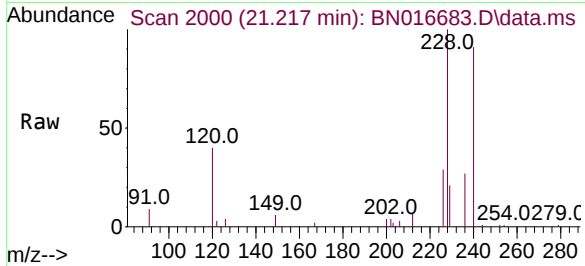




#32
Benzo(a)anthracene
Concen: 0.074 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

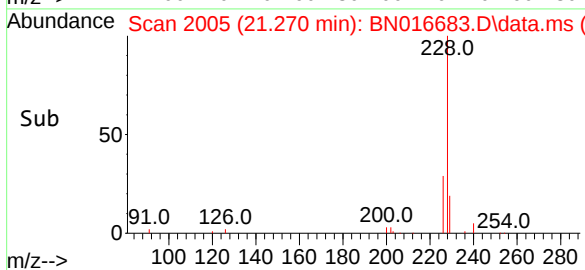
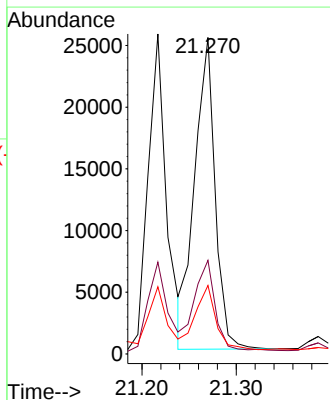
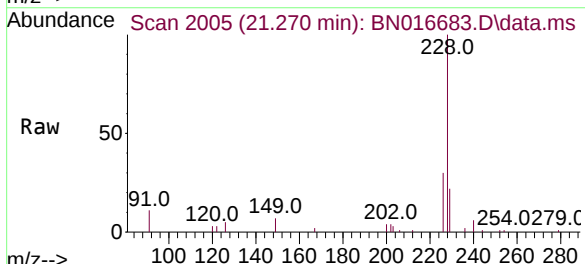
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-1-1.5-092221

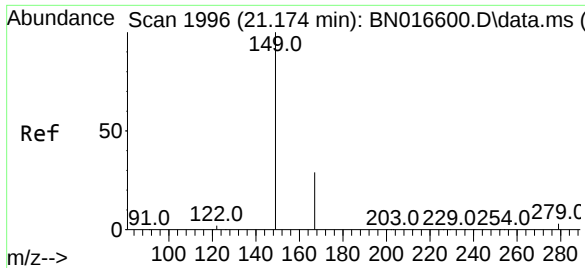
Tgt Ion:	228	Resp:	35414
Ion Ratio	Lower	Upper	
228	100		
226	28.7	21.9	32.9
229	21.0	15.7	23.5



#33
Chrysene
Concen: 0.078 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:	228	Resp:	37949
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.7	35.5
229	21.6	15.5	23.3

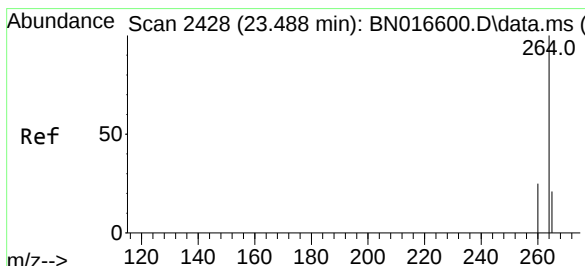
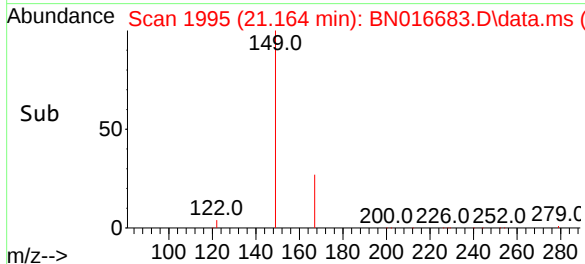
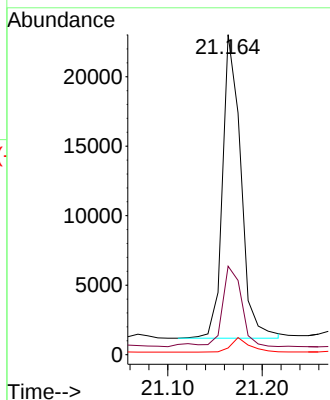
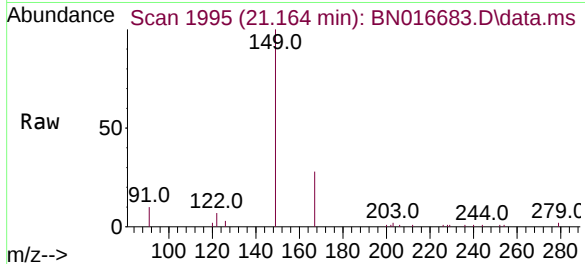




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.155 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016683.D
 Acq: 02 Oct 2021 22:33

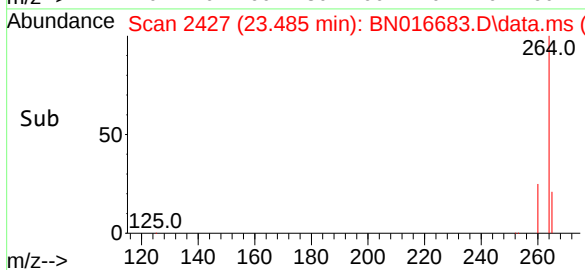
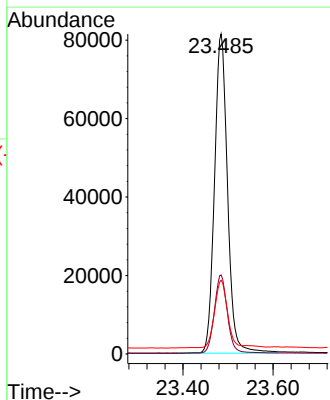
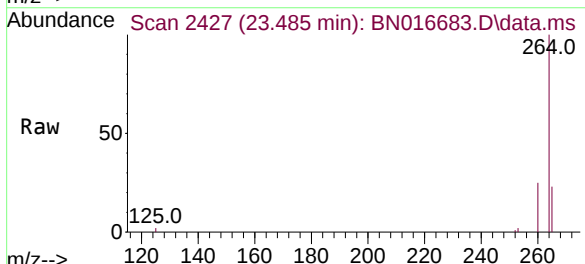
Instrument :
 BNA_N
 ClientSampleId :
 S-825-N-SO-1-1.5-092221

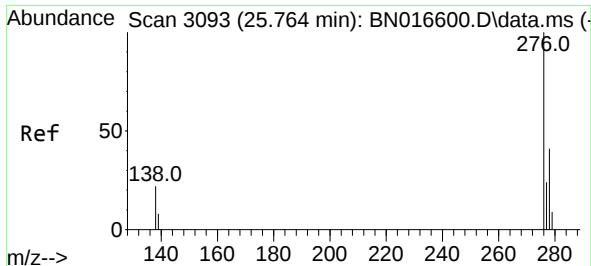
Tgt Ion:	149	Resp:	29475
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.2	33.4
279	4.9	3.2	4.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.485 min Scan# 2427
 Delta R.T. -0.003 min
 Lab File: BN016683.D
 Acq: 02 Oct 2021 22:33

Tgt Ion:	264	Resp:	163583
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.9	29.9
265	23.1	19.2	28.8

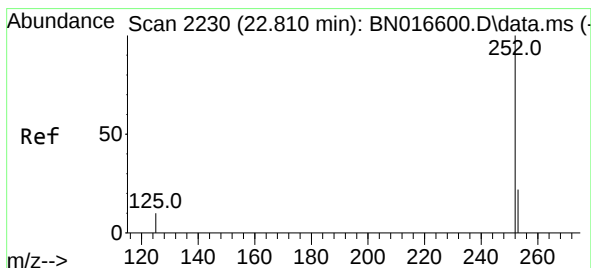
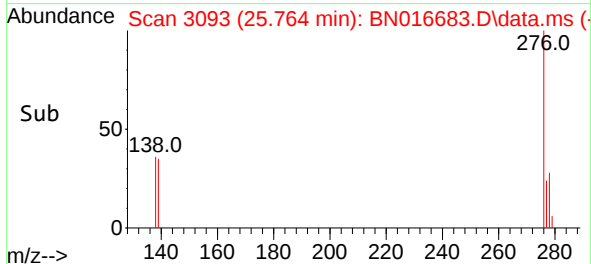
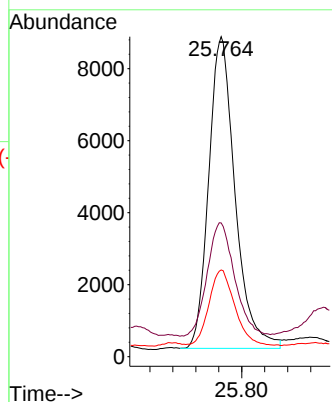
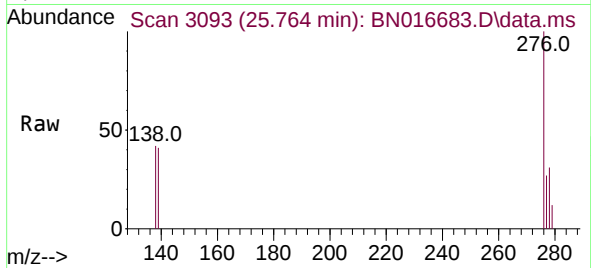




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng
RT: 25.764 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

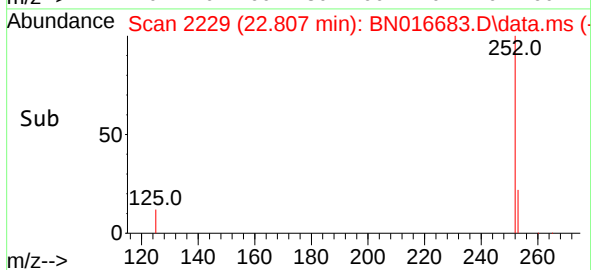
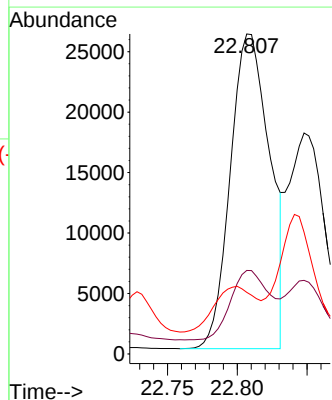
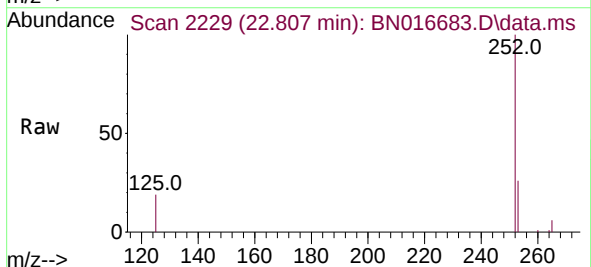
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-1-1.5-092221

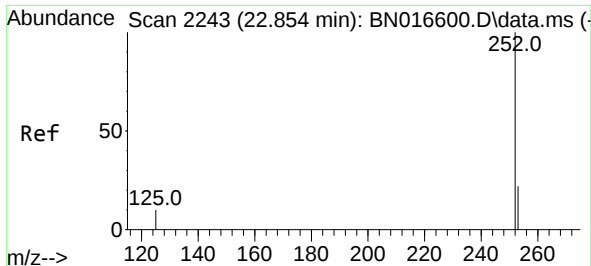
Tgt Ion:276 Resp: 27610
Ion Ratio Lower Upper
276 100
138 37.9 19.5 29.3#
277 23.3 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 0.097 ng
RT: 22.807 min Scan# 2229
Delta R.T. -0.003 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

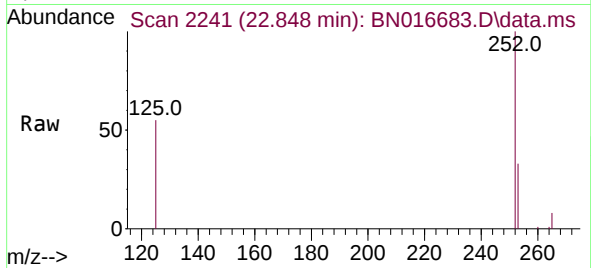
Tgt Ion:252 Resp: 51145
Ion Ratio Lower Upper
252 100
253 26.1 17.8 26.8
125 19.2 8.0 12.0#



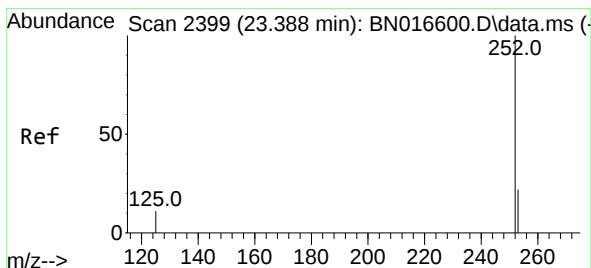
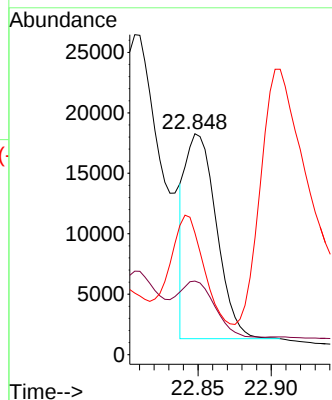
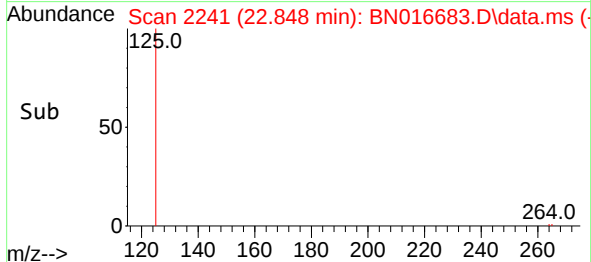


#38
Benzo(k)fluoranthene
Concen: 0.048 ng
RT: 22.848 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

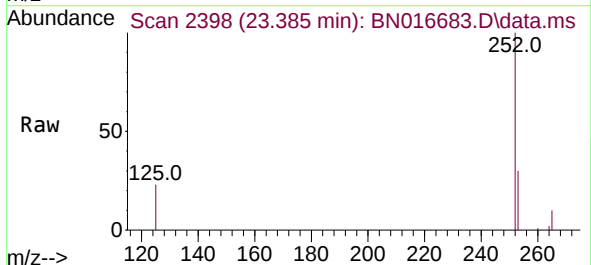
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-1-1.5-092221



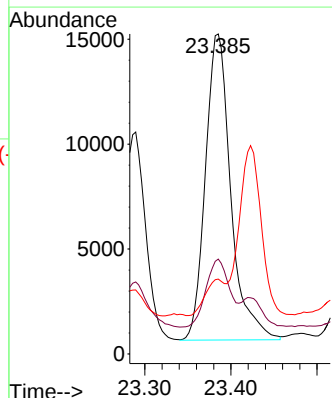
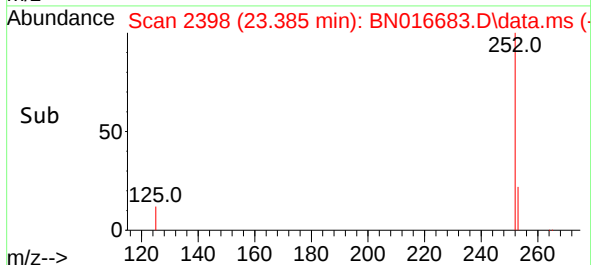
Tgt Ion:252 Resp: 25135
Ion Ratio Lower Upper
252 100
253 33.3 17.8 26.6#
125 55.1 8.0 12.0#

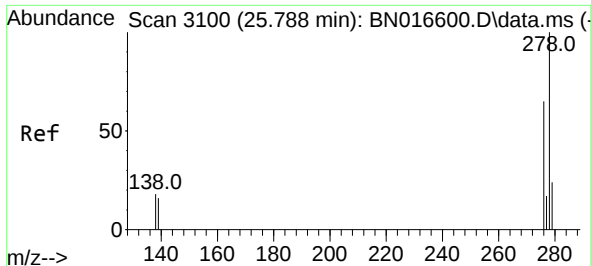


#39
Benzo(a)pyrene
Concen: 0.064 ng
RT: 23.385 min Scan# 2398
Delta R.T. -0.003 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33



Tgt Ion:252 Resp: 29865
Ion Ratio Lower Upper
252 100
253 29.6 17.8 26.8#
125 23.4 9.0 13.4#





#40

Dibenzo(a,h)anthracene

Concen: 0.028 ng

RT: 25.785 min Scan# 3099

Delta R.T. -0.003 min

Lab File: BN016683.D

Acq: 02 Oct 2021 22:33

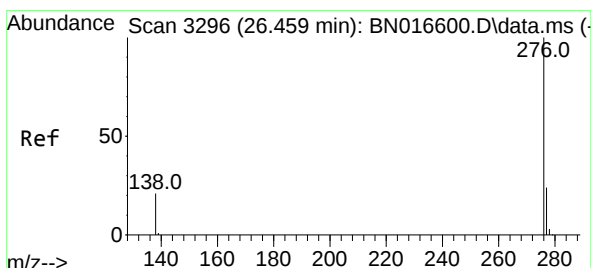
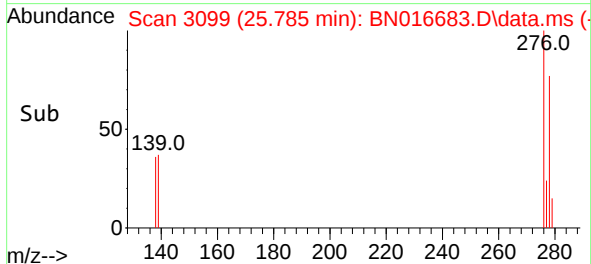
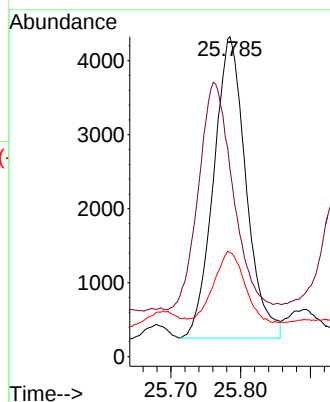
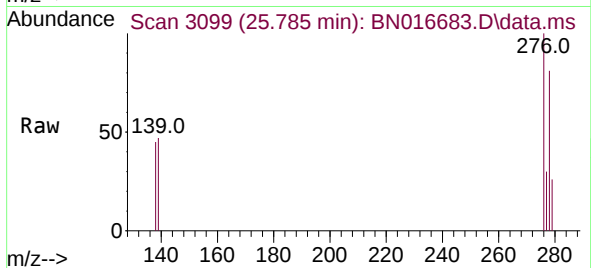
Instrument :

BNA_N

ClientSampleId :

S-825-N-SO-1-1.5-092221

Tgt Ion:278	Resp:	13152
Ion Ratio	Lower	Upper
278	100	
139	58.6	13.1 19.7#
279	32.6	19.1 28.7#



#41

Benzo(g,h,i)perylene

Concen: 0.044 ng

RT: 26.459 min Scan# 3296

Delta R.T. 0.000 min

Lab File: BN016683.D

Acq: 02 Oct 2021 22:33

Tgt Ion:276	Resp:	22646
Ion Ratio	Lower	Upper
276	100	
277	26.9	19.0 28.6
138	30.2	16.9 25.3#

