

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016781.D
 Acq On : 06 Oct 2021 16:14
 Operator : CG/JU
 Sample : M3892-01DL 200X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 06 16:43:21 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)

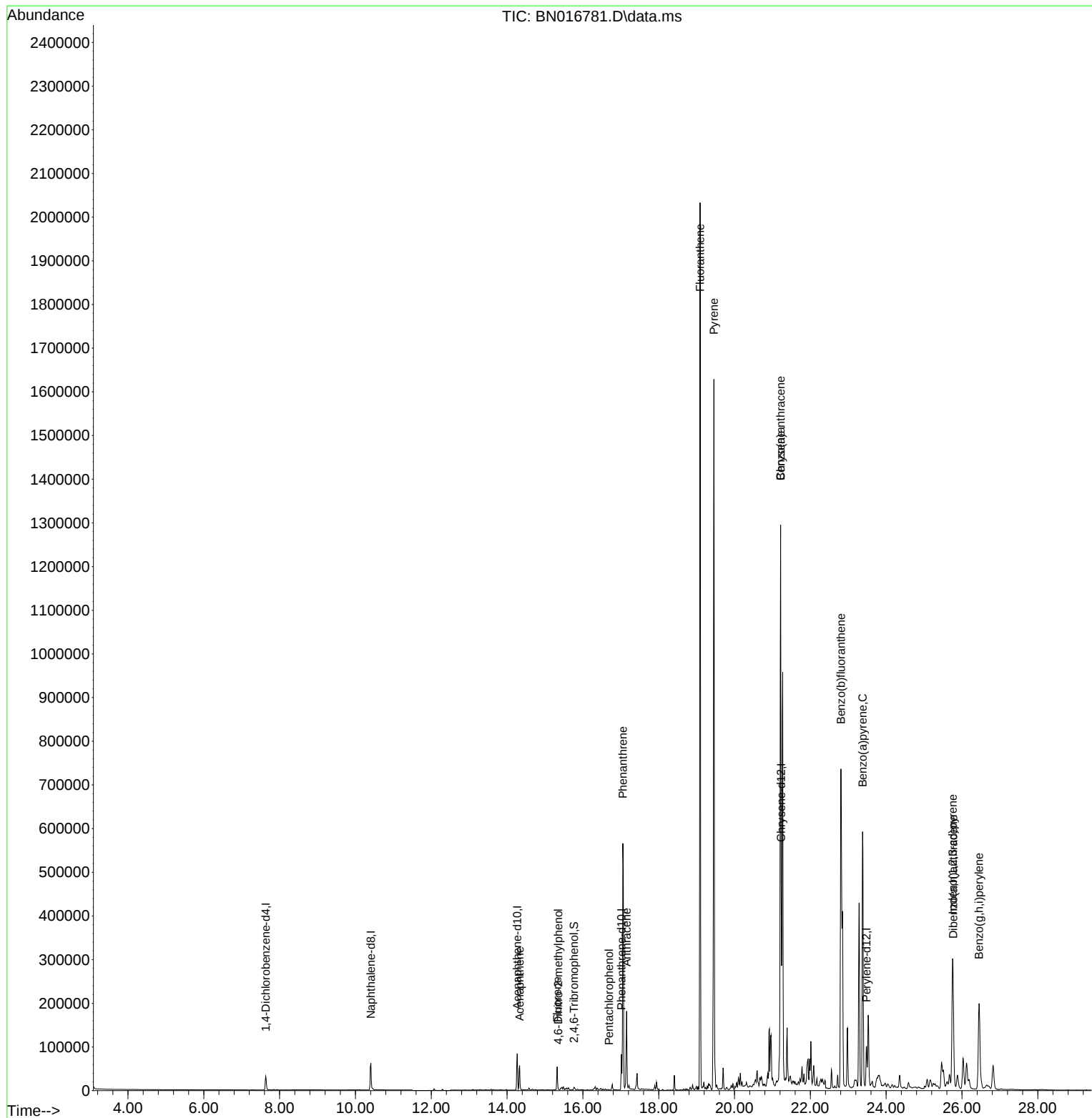
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	20715	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	93463	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	51385	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	104218	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	109535	0.400	ng	# 0.00
35) Perylene-d12	23.481	264	120368	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	81	0.002	ng	0.00
5) Phenol-d6	6.822	99	90	0.002	ng	0.00
8) Nitrobenzene-d5	8.784	82	77	0.001	ng	0.01
11) 2-Methylnaphthalene-d10	12.003	152	208	0.001	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	36	0.118	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	257	0.001	ng	0.00
27) Fluoranthene-d10	19.063	212	347	0.001	ng	0.00
31) Terphenyl-d14	19.664	244	1144	0.005	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.332	154	31827	0.212	ng	99
18) Fluorene	15.322	166	33744	0.187	ng	100
20) 4,6-Dinitro-2-methylph...	15.347	198	1	0.266	ng	# 1
24) Pentachlorophenol	16.689	266	21	0.339	ng	# 71
25) Phenanthrene	17.054	178	651231	2.126	ng	100
26) Anthracene	17.151	178	185726	0.679	ng	98
28) Fluoranthene	19.093	202	1783325	5.245	ng	99
30) Pyrene	19.455	202	1497803	4.159	ng	# 92
32) Benzo(a)anthracene	21.217	228	1176568	3.463	ng	96
33) Chrysene	21.217	228	913052	2.649	ng	93
36) Indeno(1,2,3-cd)pyrene	25.754	276	467811	1.224	ng	97
37) Benzo(b)fluoranthene	22.807	252	1223906	3.144	ng	99
39) Benzo(a)pyrene	23.378	252	830592	2.385	ng	99
40) Dibenzo(a,h)anthracene	25.768	278	135504	0.447	ng	95
41) Benzo(g,h,i)perylene	26.452	276	419262	1.236	ng	99

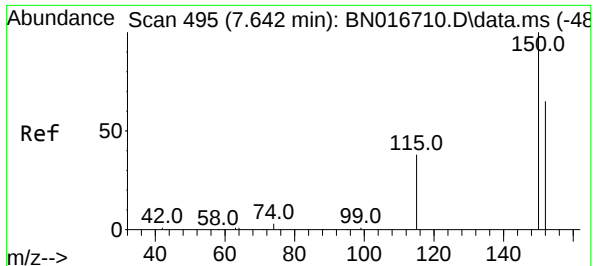
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016781.D
Acq On : 06 Oct 2021 16:14
Operator : CG/JU
Sample : M3892-01DL 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 06 16:43:21 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

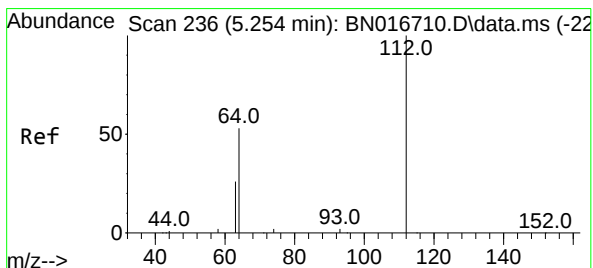
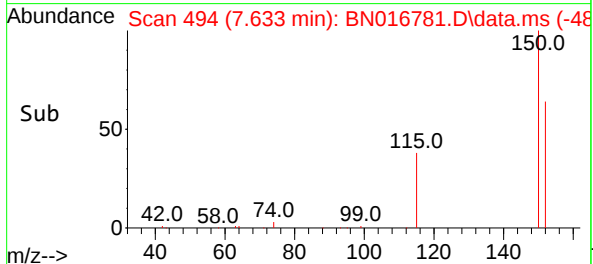
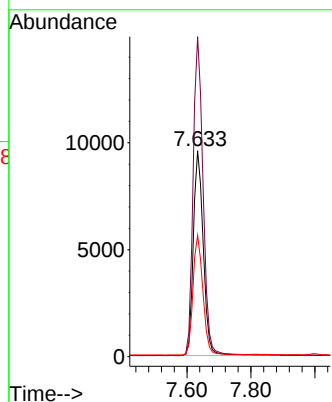
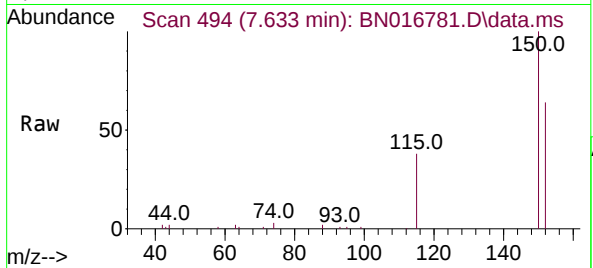




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

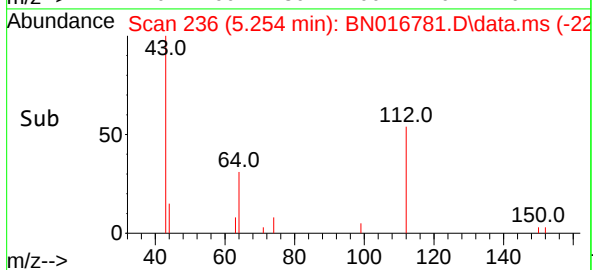
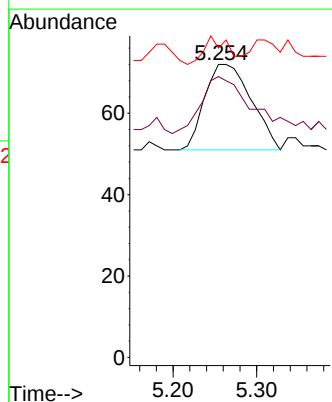
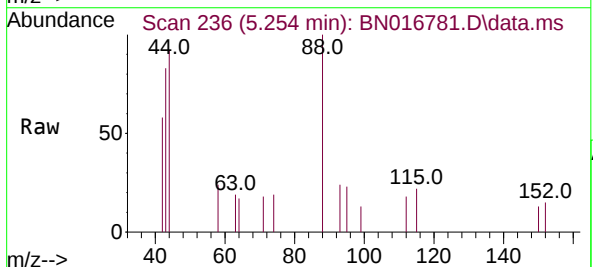
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

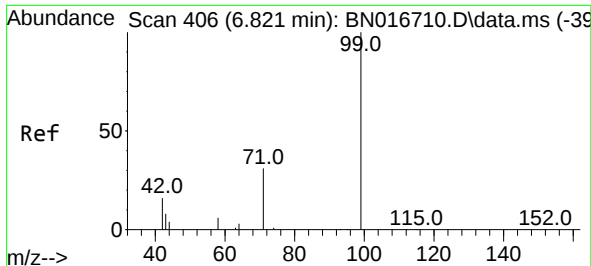
Tgt Ion:152 Resp: 20715
Ion Ratio Lower Upper
152 100
150 155.4 123.3 184.9
115 58.9 47.0 70.6



#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.009 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:112 Resp: 81
Ion Ratio Lower Upper
112 100
64 72.8 42.9 64.3#
63 17.3 21.5 32.3#

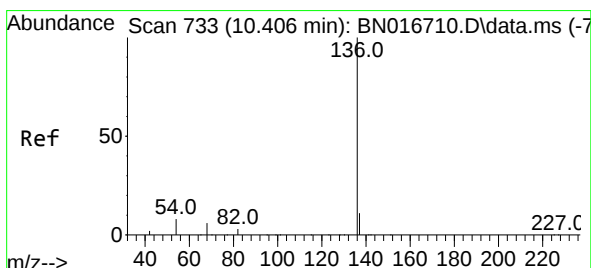
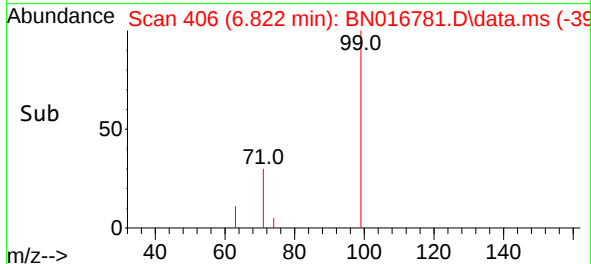
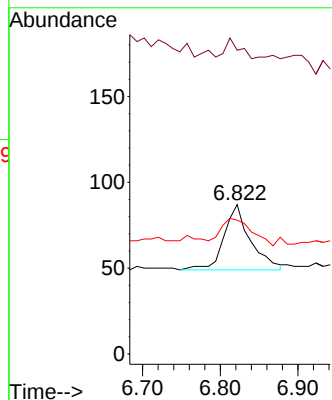
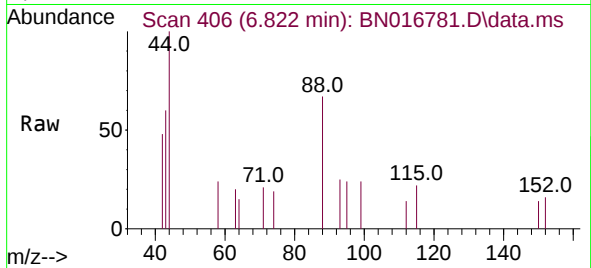




#5
Phenol-d6
Concen: 0.002 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

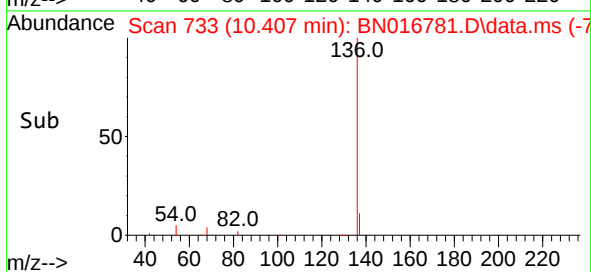
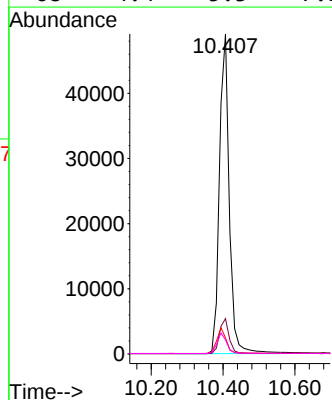
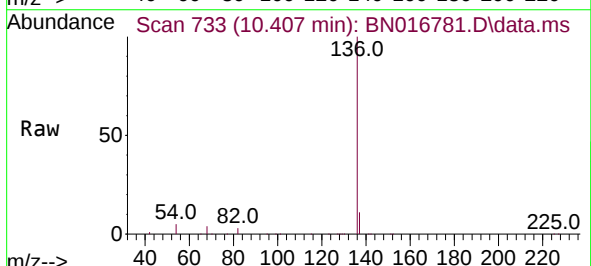
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

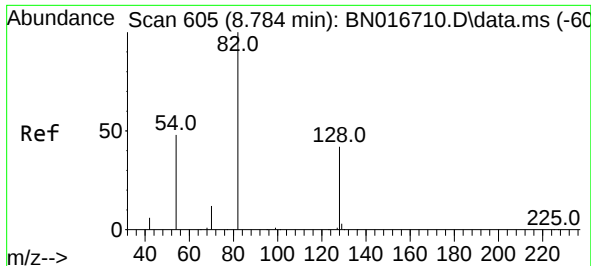
Tgt Ion: 99 Resp: 90
Ion Ratio Lower Upper
99 100
42 14.4 13.4 20.2
71 48.9 24.0 36.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:136 Resp: 93463
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 5.1 6.5 9.7#
68 4.4 5.3 7.9#

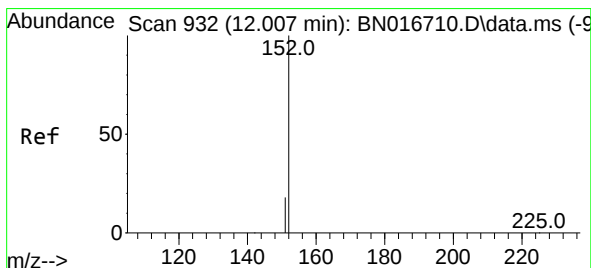
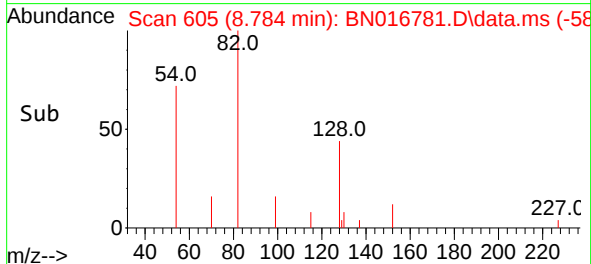
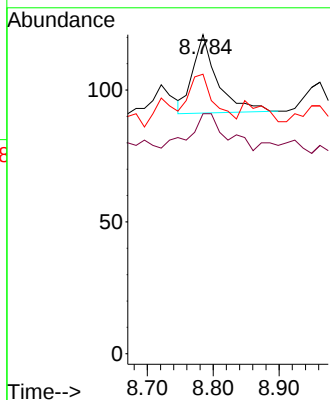
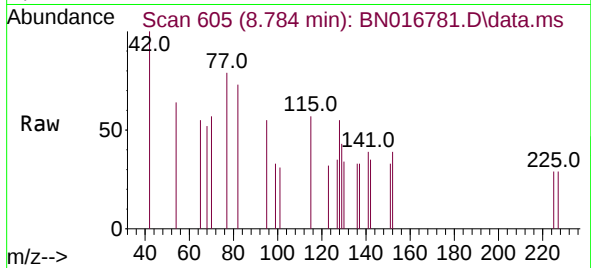




#8
Nitrobenzene-d5
Concen: 0.001 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.013 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

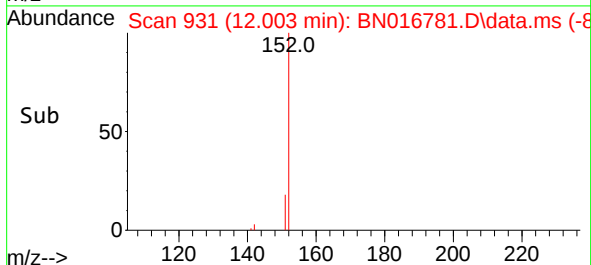
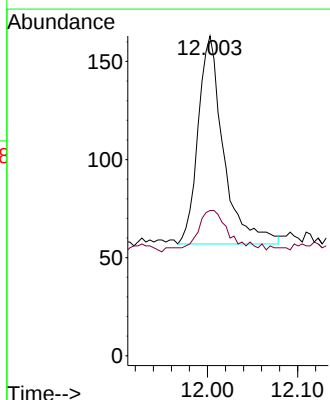
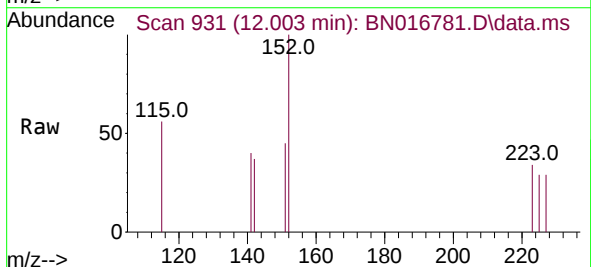
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

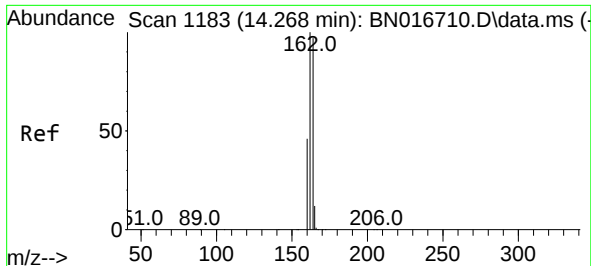
Tgt Ion: 82 Resp: 77
Ion Ratio Lower Upper
82 100
128 75.2 33.8 50.6#
54 87.6 38.5 57.7#



#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.003 min Scan# 931
Delta R.T. 0.005 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion: 152 Resp: 208
Ion Ratio Lower Upper
152 100
151 25.5 16.2 24.4#

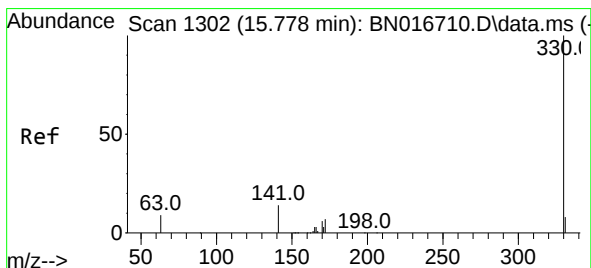
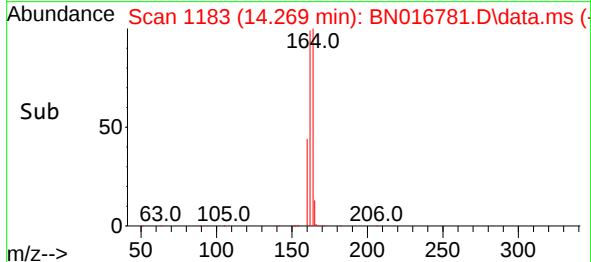
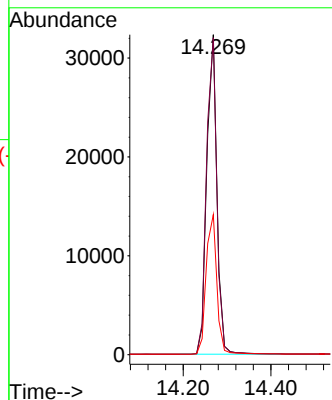
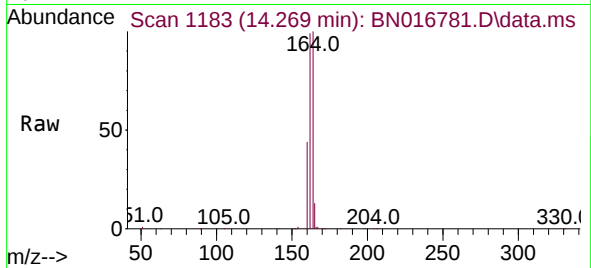




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

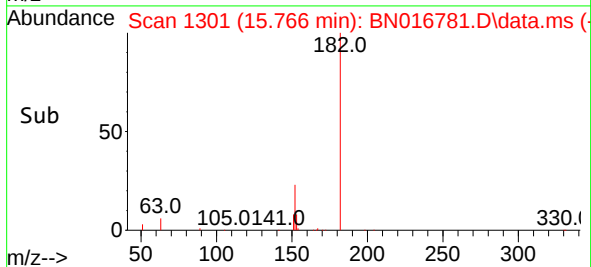
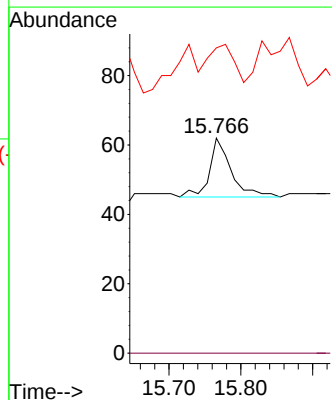
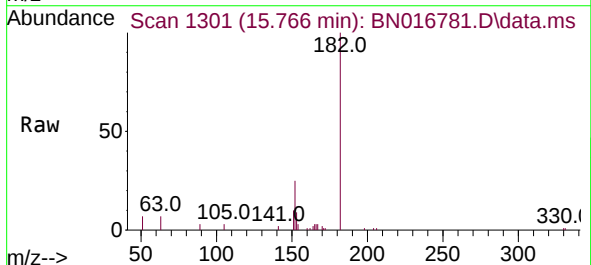
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

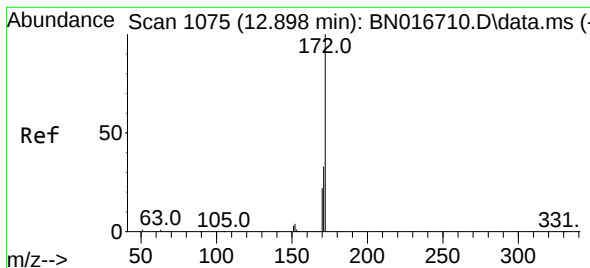
Tgt Ion:164 Resp: 51385
Ion Ratio Lower Upper
164 100
162 99.1 82.6 124.0
160 43.8 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.118 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:330 Resp: 36
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 72.2 24.2 36.2#

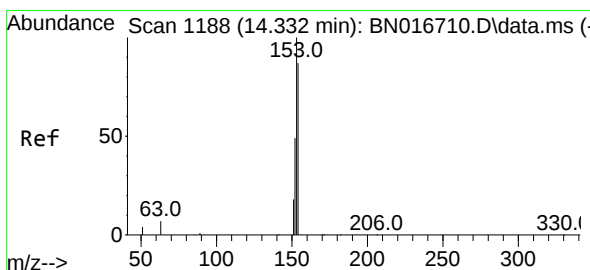
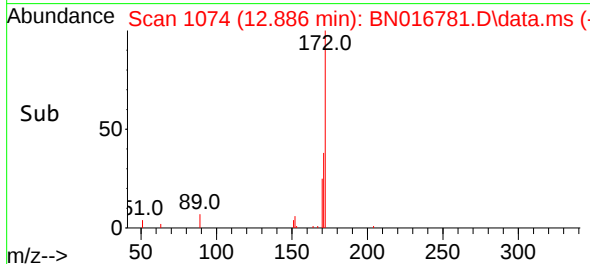
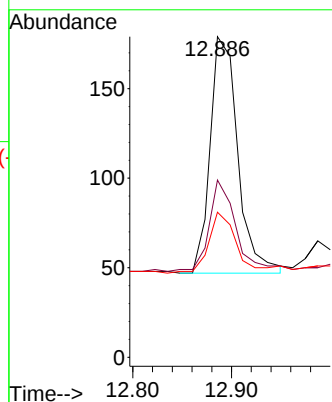
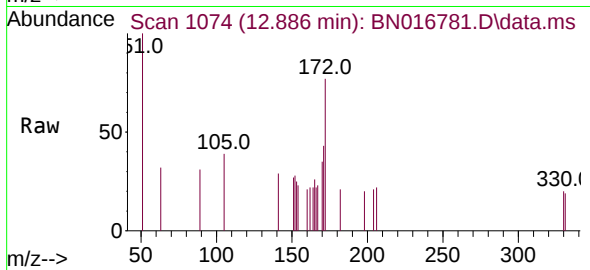




#15
2-Fluorobiphenyl
Concen: 0.001 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

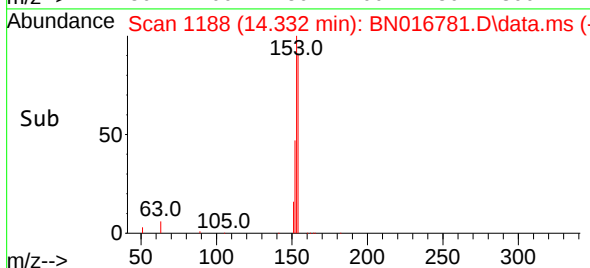
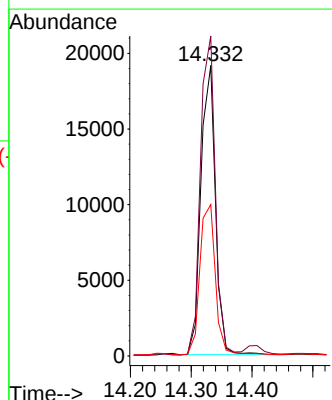
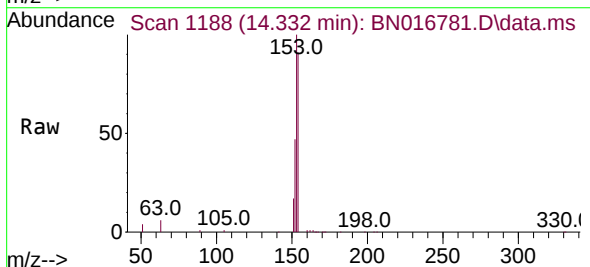
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

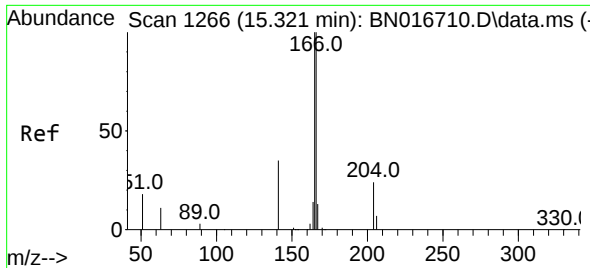
Tgt Ion:172 Resp: 257
Ion Ratio Lower Upper
172 100
171 55.3 26.9 40.3#
170 45.3 17.4 26.0#



#17
Acenaphthene
Concen: 0.212 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:154 Resp: 31827
Ion Ratio Lower Upper
154 100
153 112.5 90.1 135.1
152 56.0 43.6 65.4

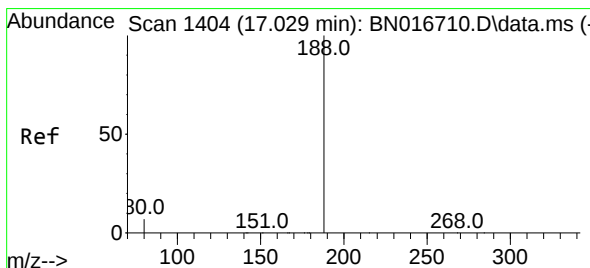
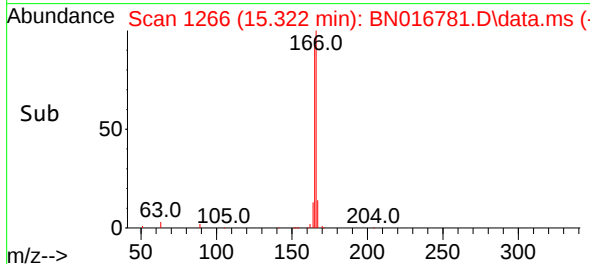
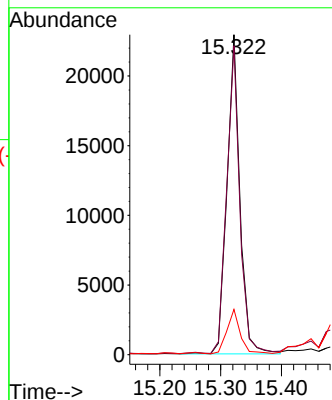
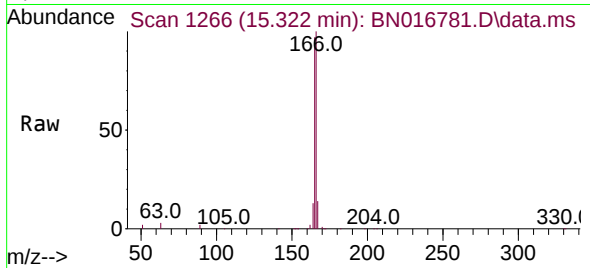




#18
Fluorene
Concen: 0.187 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

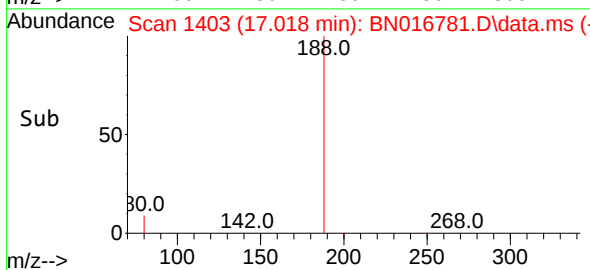
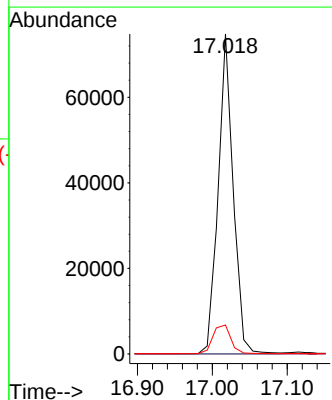
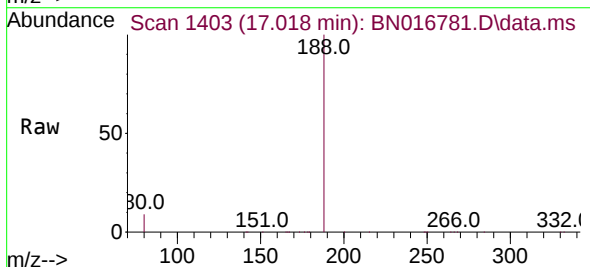
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

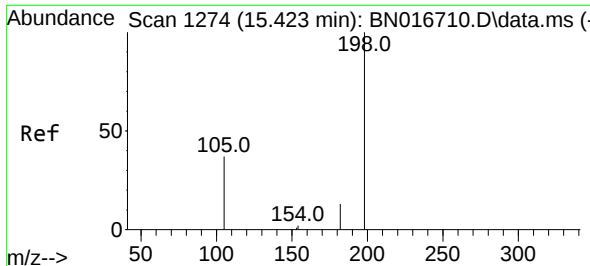
Tgt Ion:166 Resp: 33744
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 14.3 10.7 16.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:188 Resp: 104218
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 5.8 8.8#

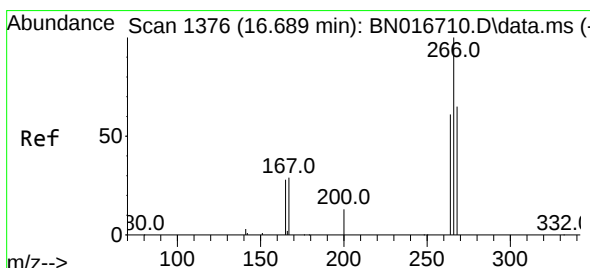
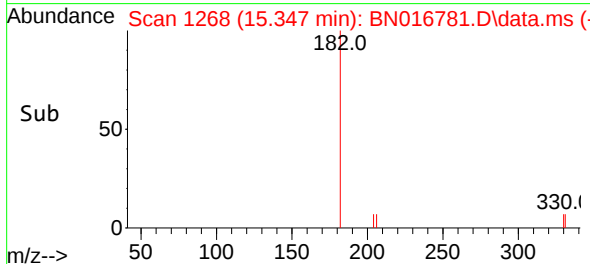
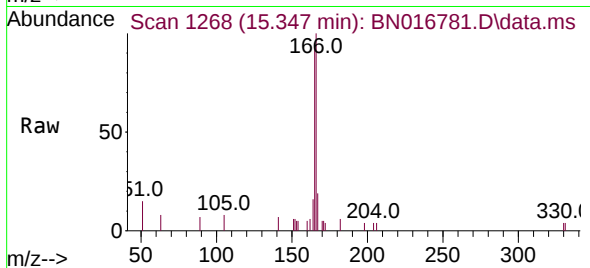




#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.063 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

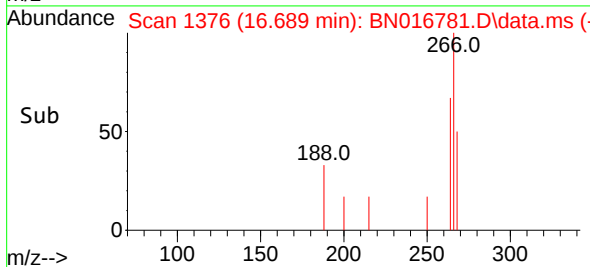
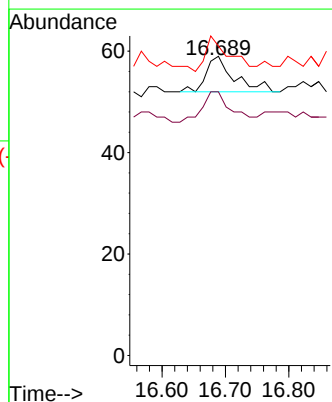
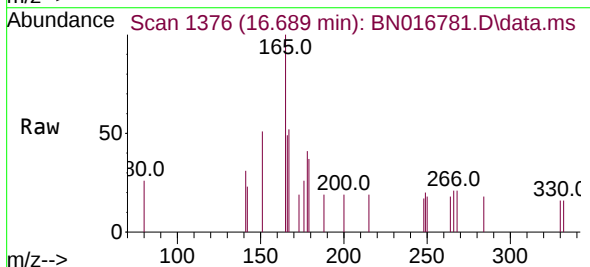
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

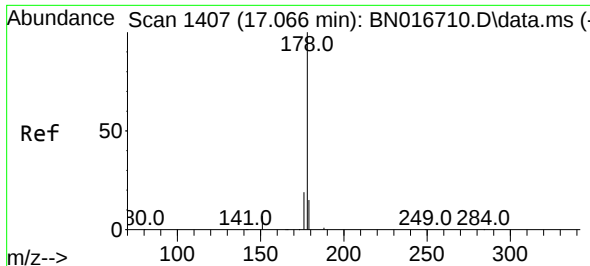
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 152.1 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.339 ng
RT: 16.689 min Scan# 1376
Delta R.T. 0.012 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:266 Resp: 21
Ion Ratio Lower Upper
266 100
264 85.7 49.3 73.9#
268 85.7 51.8 77.8#

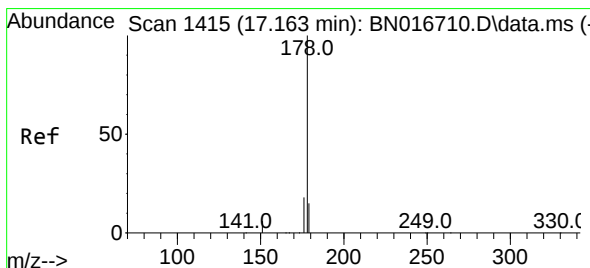
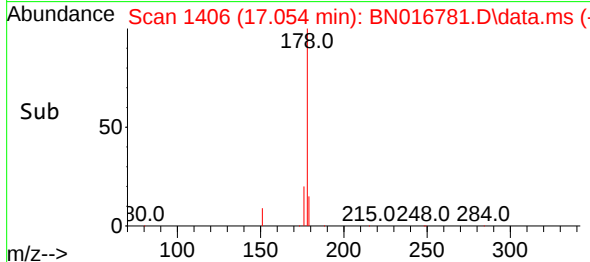
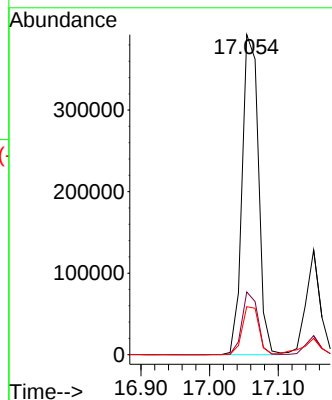
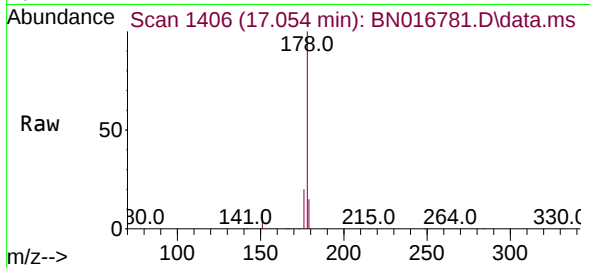




#25
Phenanthrene
Concen: 2.126 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

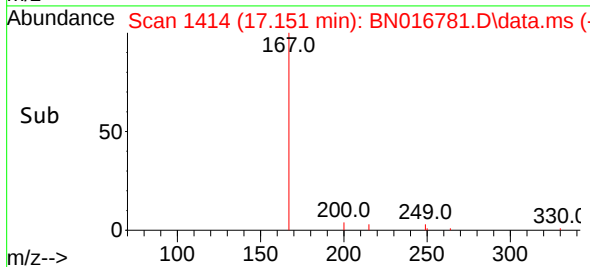
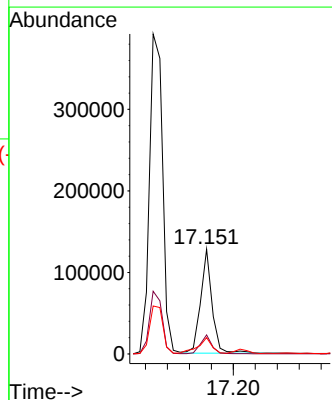
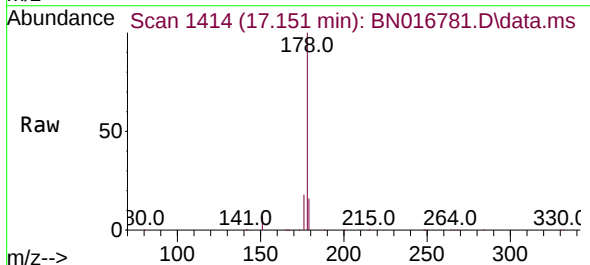
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

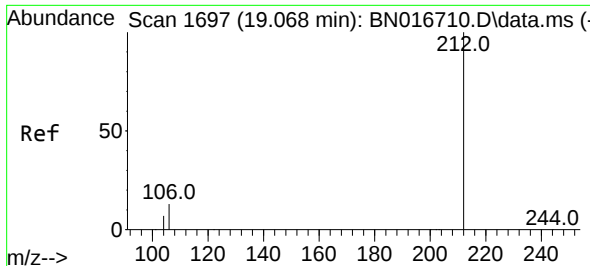
Tgt Ion:178 Resp: 651231
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.4 18.6



#26
Anthracene
Concen: 0.679 ng
RT: 17.151 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:178 Resp: 185726
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 17.2 12.2 18.4

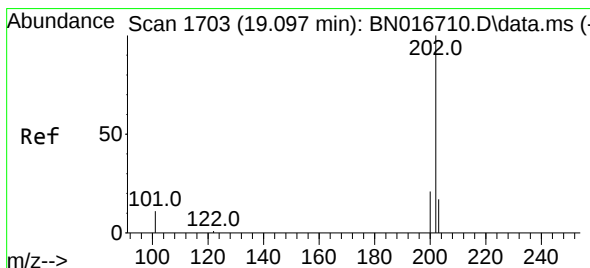
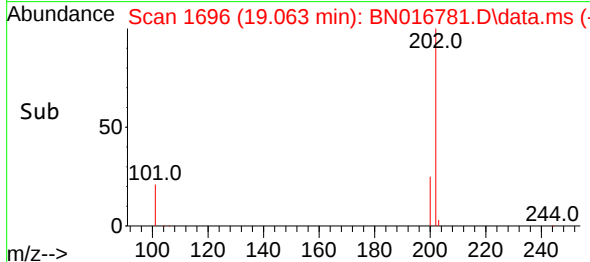
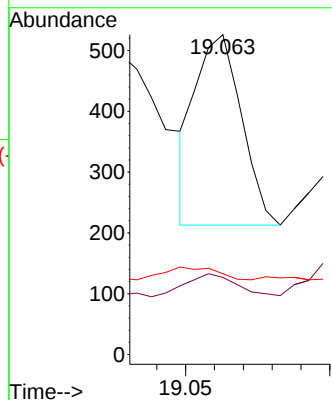
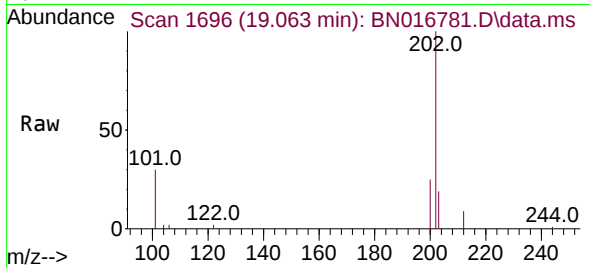




#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.063 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

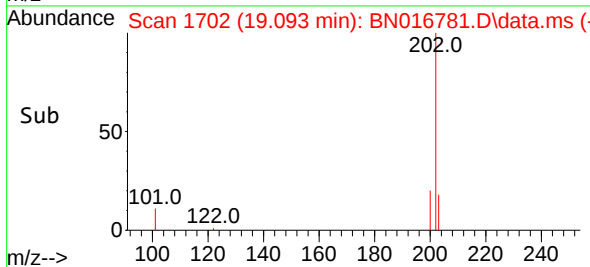
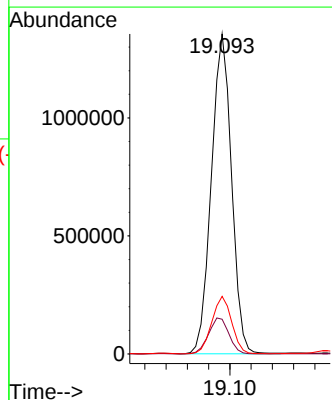
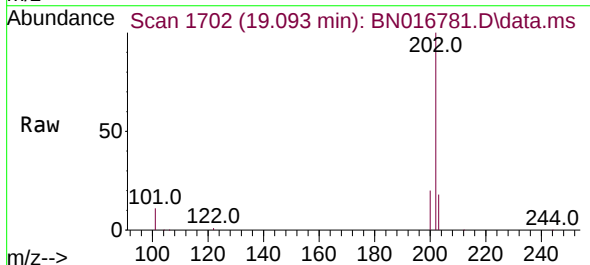
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

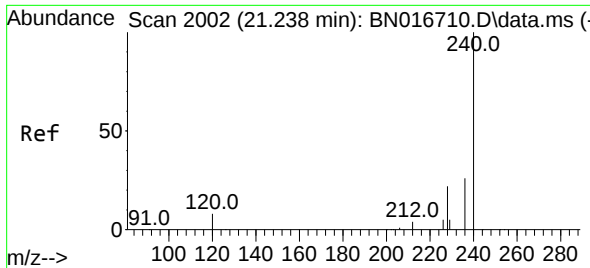
Tgt Ion:212 Resp: 347
Ion Ratio Lower Upper
212 100
106 14.7 10.6 16.0
104 16.7 5.8 8.8#



#28
Fluoranthene
Concen: 5.245 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:202 Resp: 1783325
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
203 17.7 13.8 20.8

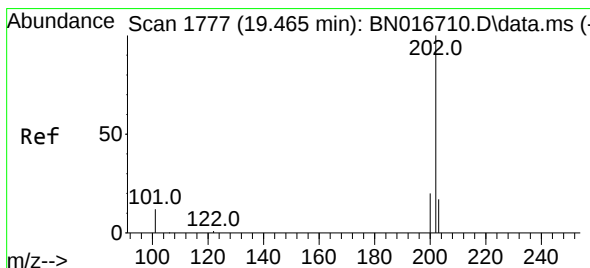
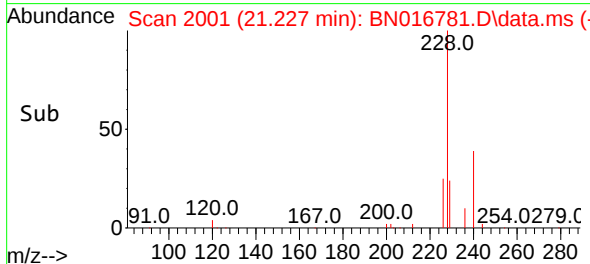
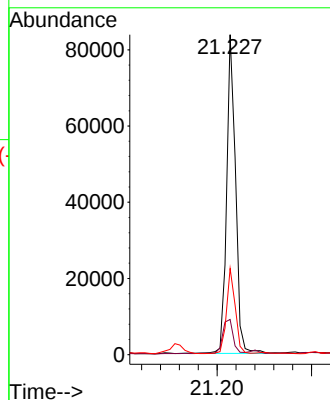
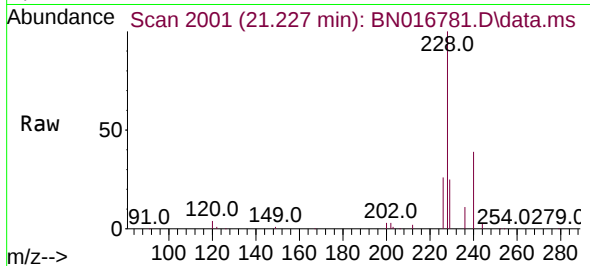




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

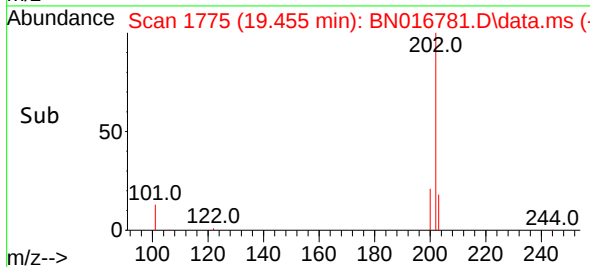
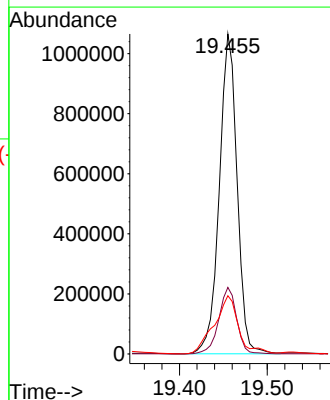
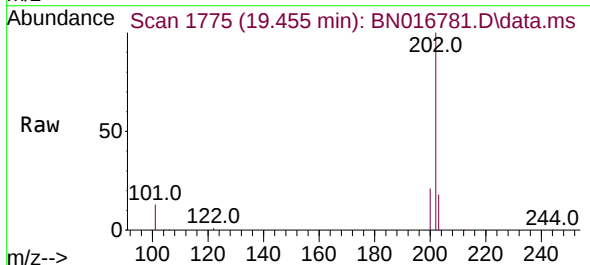
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

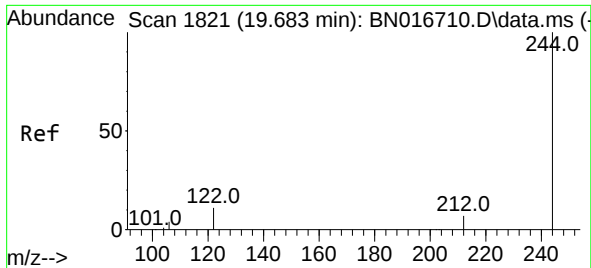
Tgt Ion:240 Resp: 109535
Ion Ratio Lower Upper
240 100
120 11.0 6.6 10.0#
236 27.0 20.7 31.1



#30
Pyrene
Concen: 4.159 ng
RT: 19.455 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:202 Resp: 1497803
Ion Ratio Lower Upper
202 100
200 21.0 16.5 24.7
203 24.6 13.9 20.9#

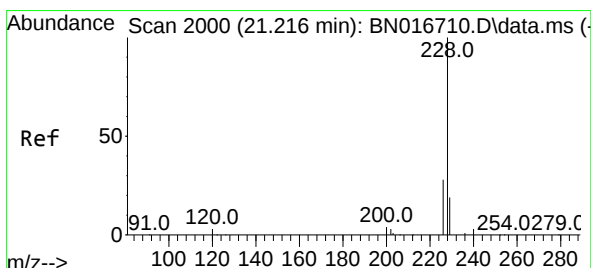
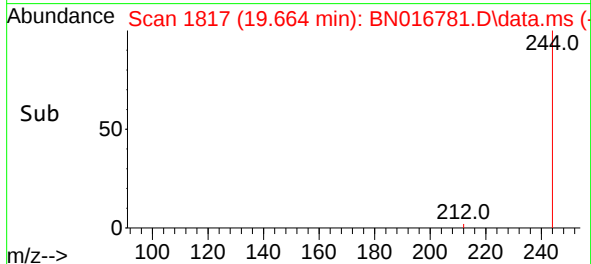
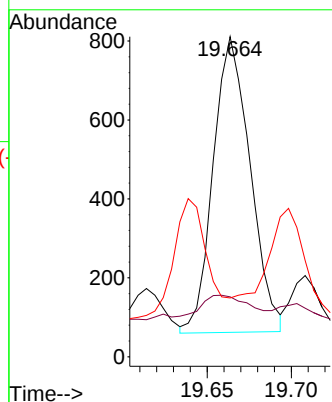
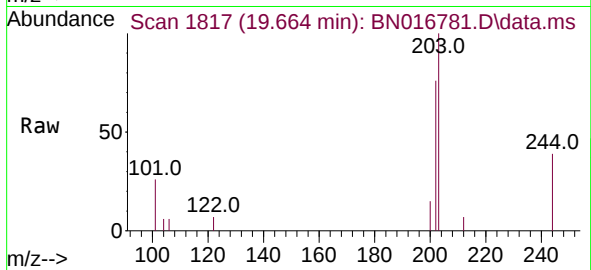




#31
Terphenyl-d14
Concen: 0.005 ng
RT: 19.664 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

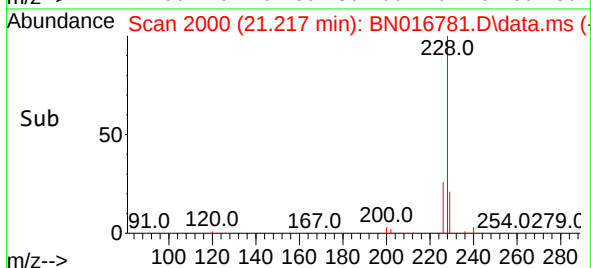
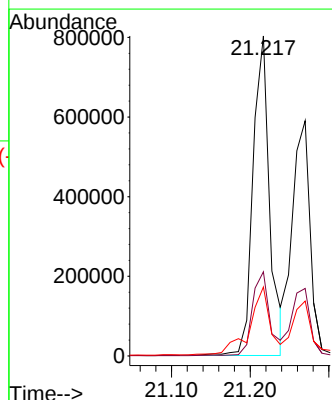
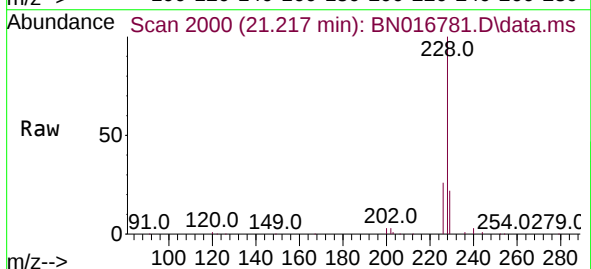
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

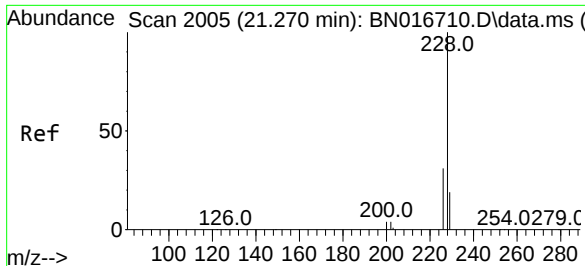
Tgt Ion:244 Resp: 1144
Ion Ratio Lower Upper
244 100
212 18.7 5.8 8.6#
122 18.4 8.9 13.3#



#32
Benzo(a)anthracene
Concen: 3.463 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:228 Resp: 1176568
Ion Ratio Lower Upper
228 100
226 26.3 22.3 33.5
229 21.6 15.4 23.0

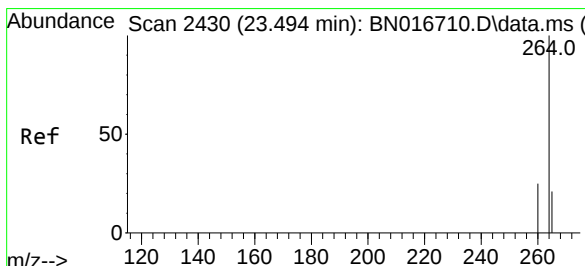
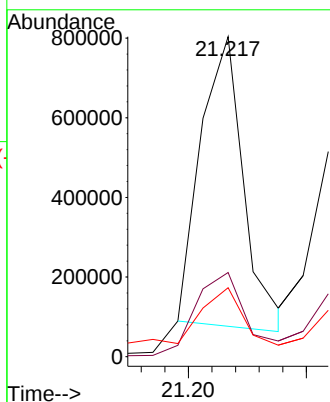
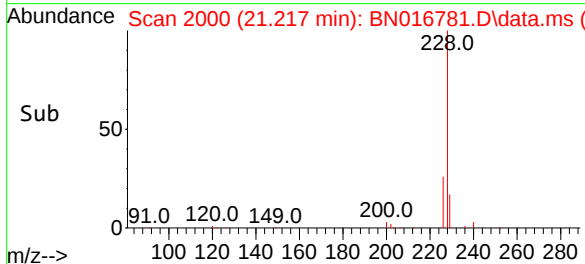
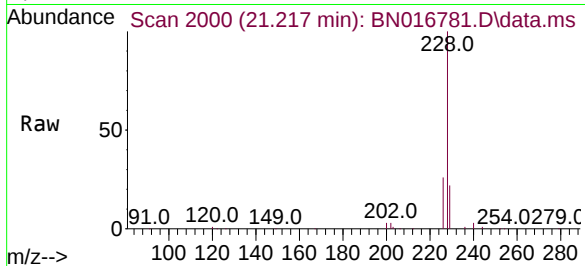




#33
Chrysene
Concen: 2.649 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.053 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

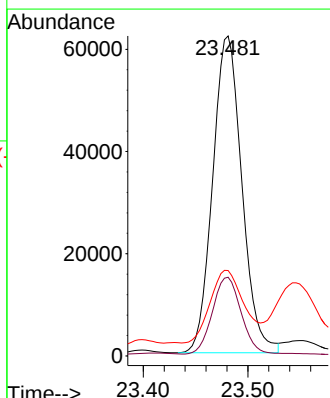
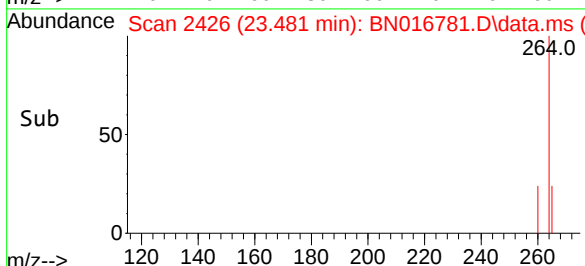
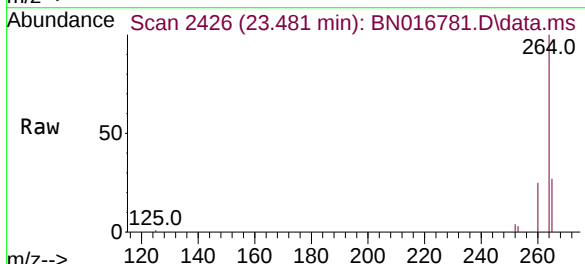
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

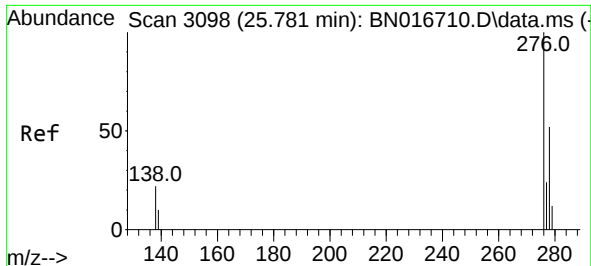
Tgt Ion:228 Resp: 913052
Ion Ratio Lower Upper
228 100
226 26.3 24.2 36.4
229 21.6 15.4 23.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:264 Resp: 120368
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.6
265 26.7 20.3 30.5

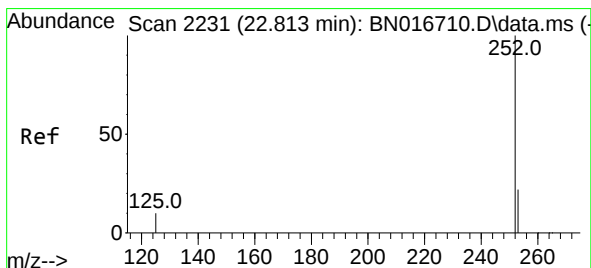
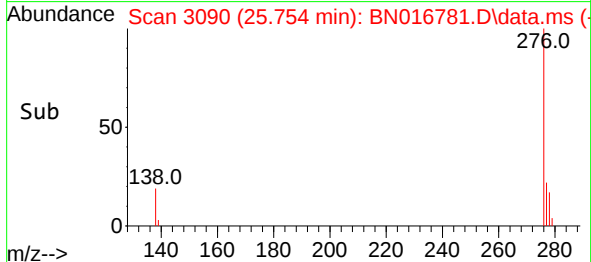
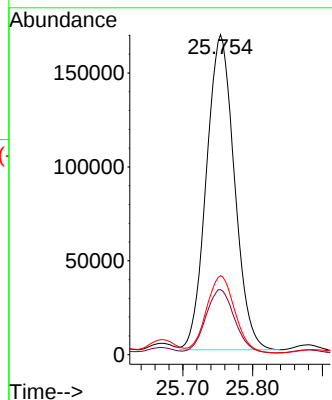
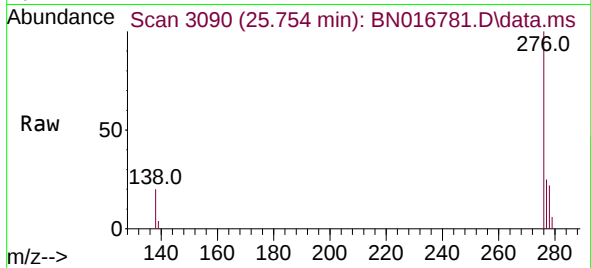




#36
Indeno(1,2,3-cd)pyrene
Concen: 1.224 ng
RT: 25.754 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

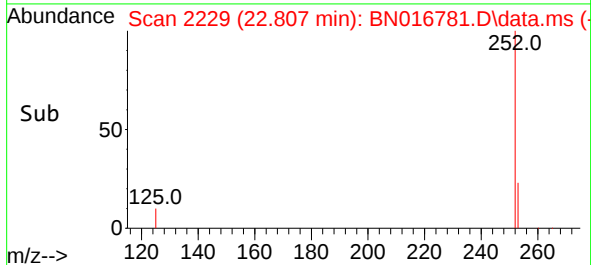
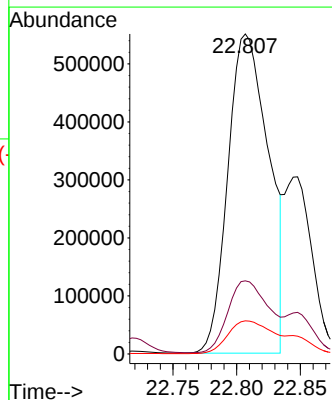
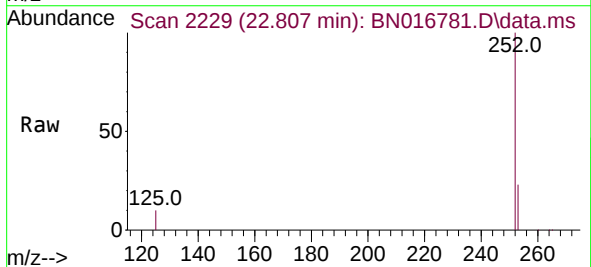
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

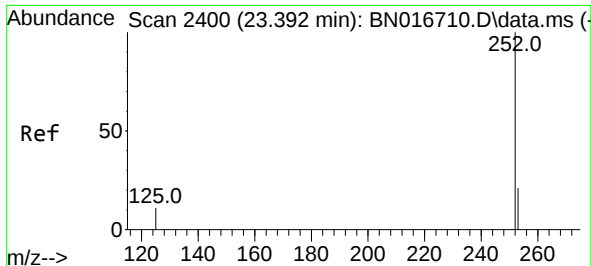
Tgt Ion:276 Resp: 467811
Ion Ratio Lower Upper
276 100
138 20.8 19.2 28.8
277 24.9 20.0 30.0



#37
Benzo(b)fluoranthene
Concen: 3.144 ng
RT: 22.807 min Scan# 2229
Delta R.T. 0.004 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:252 Resp: 1223906
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.4 8.3 12.5





#39

Benzo(a)pyrene

Concen: 2.385 ng

RT: 23.378 min Scan# 2396

Delta R.T. -0.003 min

Lab File: BN016781.D

Acq: 06 Oct 2021 16:14

Instrument :

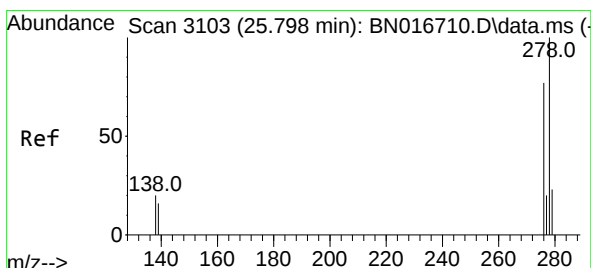
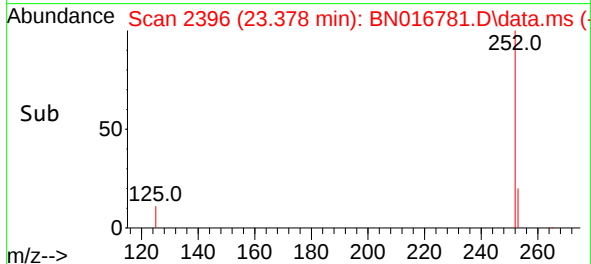
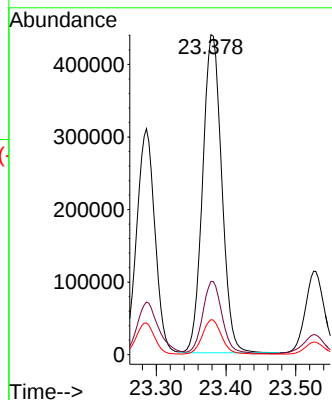
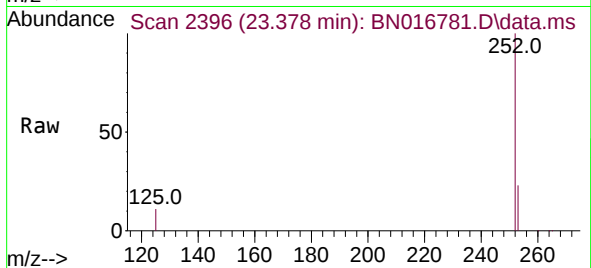
BNA_N

ClientSampleId :

S-829-J-SO-1-1.5-092221DL

Tgt Ion:252 Resp: 830592

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	10.9	9.4	14.2



#40

Dibenzo(a,h)anthracene

Concen: 0.447 ng

RT: 25.768 min Scan# 3094

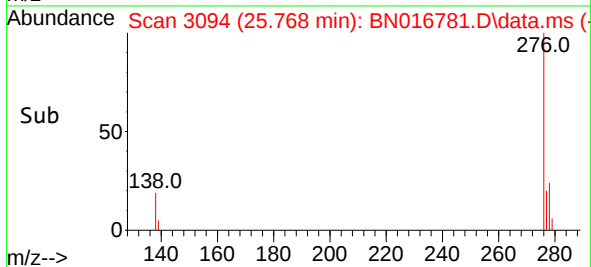
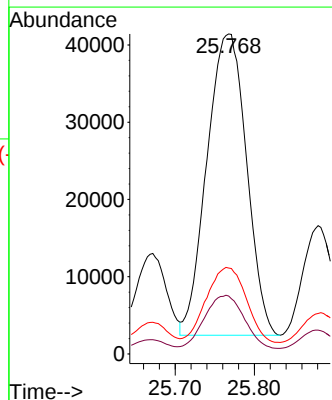
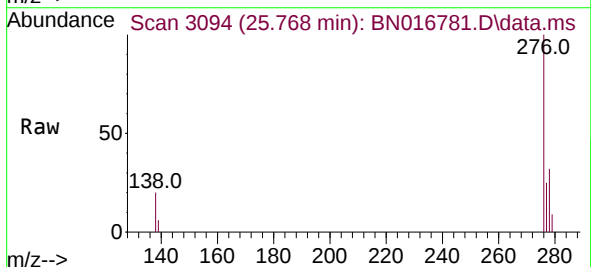
Delta R.T. -0.010 min

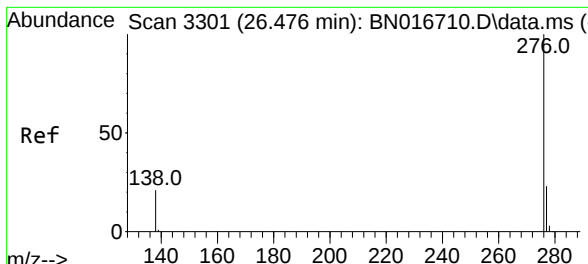
Lab File: BN016781.D

Acq: 06 Oct 2021 16:14

Tgt Ion:278 Resp: 135504

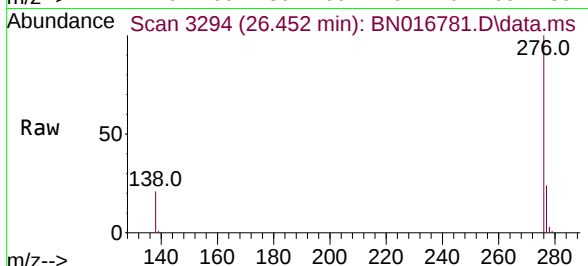
Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.1	19.7
279	26.9	19.3	28.9





#41
 Benzo(g,h,i)perylene
 Concen: 1.236 ng
 RT: 26.452 min Scan# 3294
 Delta R.T. 0.000 min
 Lab File: BN016781.D
 Acq: 06 Oct 2021 16:14

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



Tgt Ion:	276	Resp:	419262
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.0	28.4
138	20.6	17.0	25.6

