

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016779.D
 Acq On : 06 Oct 2021 15:01
 Operator : CG/JU
 Sample : M3892-21RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-092221RE

Quant Time: Oct 06 16:00:49 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)

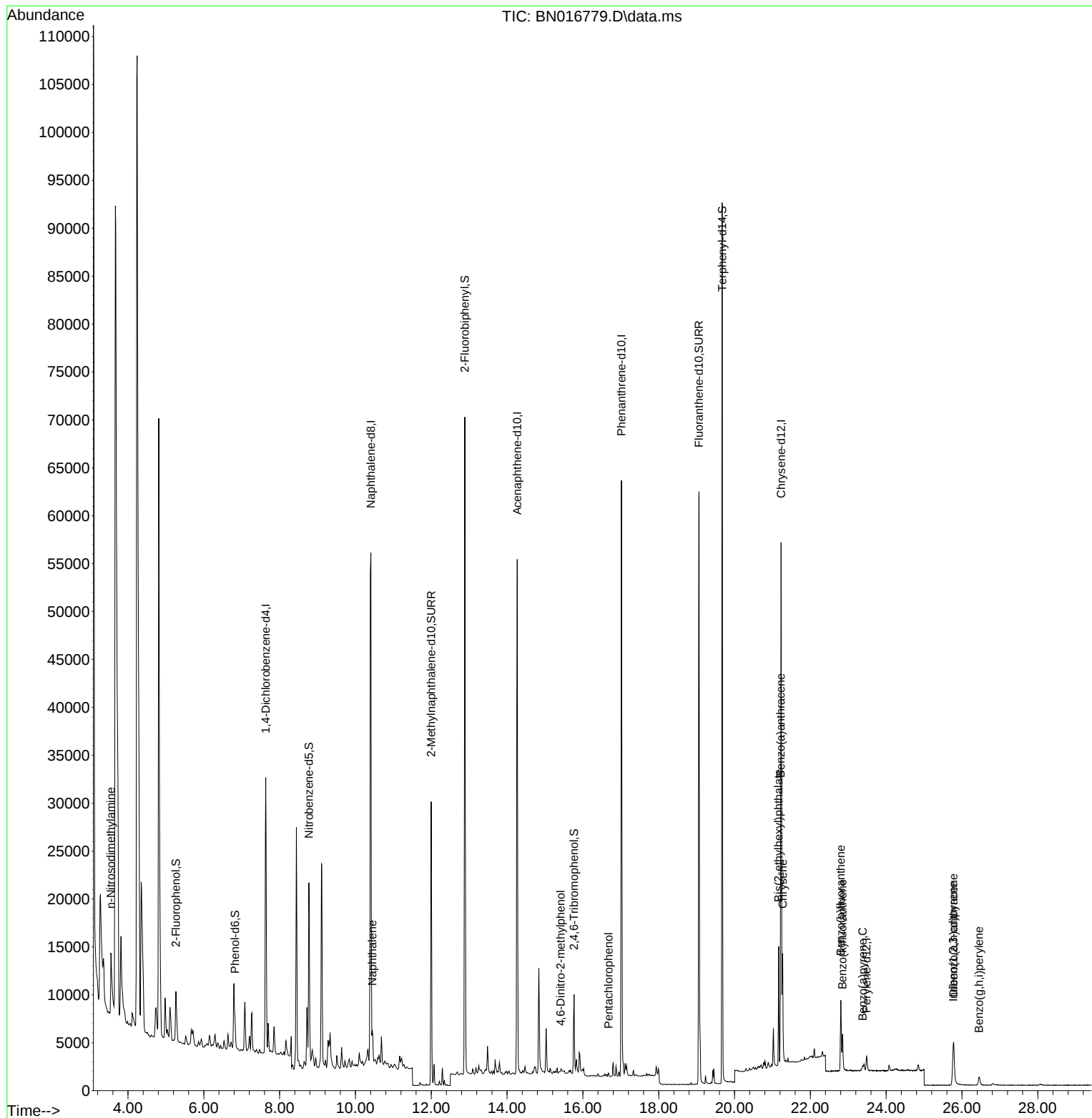
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	17026	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	78940	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	31607	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	79958	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	48876	0.400	ng	# 0.00
35) Perylene-d12	23.481	264	1694	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	6101	0.140	ng	0.02
5) Phenol-d6	6.822	99	3461	0.072	ng	0.00
8) Nitrobenzene-d5	8.772	82	17671	0.319	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	39732	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	6956	0.499	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	58087	0.460	ng	0.00
27) Fluoranthene-d10	19.063	212	70776	0.324	ng	0.00
31) Terphenyl-d14	19.674	244	91004	0.832	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.548	42	628	0.049	ng	# 1
9) Naphthalene	10.445	128	4543	0.021	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.411	198	5	0.267	ng	# 1
24) Pentachlorophenol	16.677	266	182	0.345	ng	# 86
32) Benzo(a)anthracene	21.217	228	7185	0.047	ng	97
33) Chrysene	21.270	228	10368	0.067	ng	97
34) Bis(2-ethylhexyl)phtha...	21.164	149	10160	0.111	ng	99
36) Indeno(1,2,3-cd)pyrene	25.768	276	3278	0.610	ng	# 85
37) Benzo(b)fluoranthene	22.803	252	9798	1.789	ng	# 89
38) Benzo(k)fluoranthene	22.848	252	4366	0.829	ng	# 68
39) Benzo(a)pyrene	23.382	252	843	0.172	ng	# 1
40) Dibenzo(a,h)anthracene	25.778	278	6964	1.632	ng	# 89
41) Benzo(g,h,i)perylene	26.449	276	1919	0.402	ng	# 76

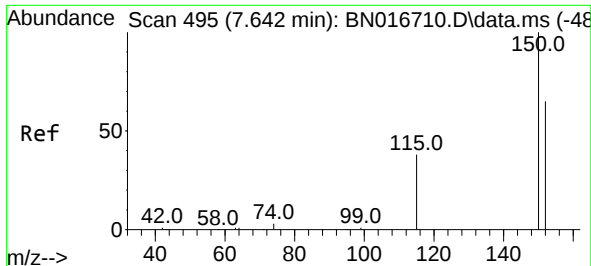
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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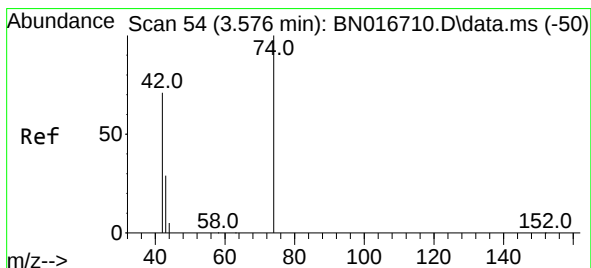
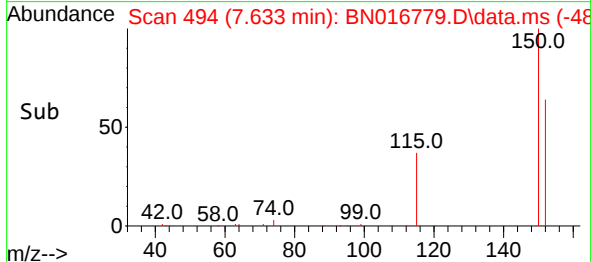
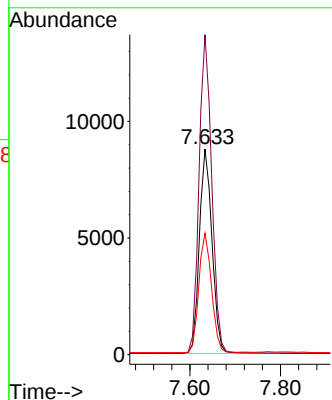
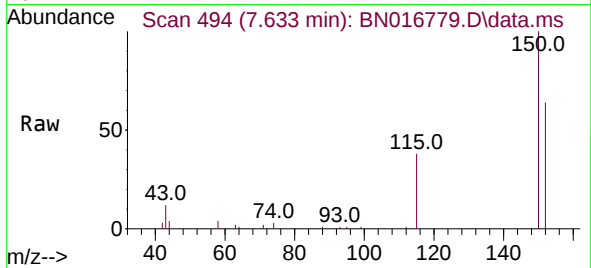




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

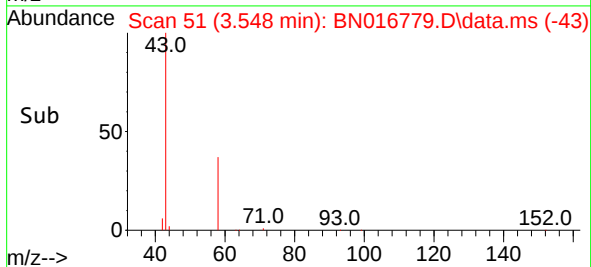
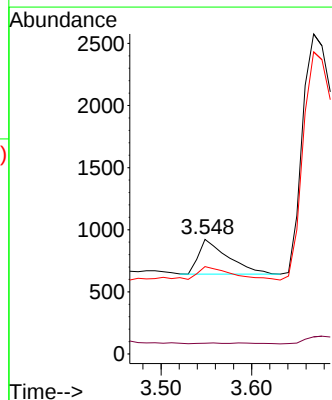
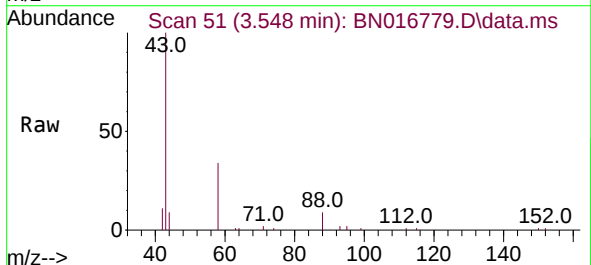
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BNA_N
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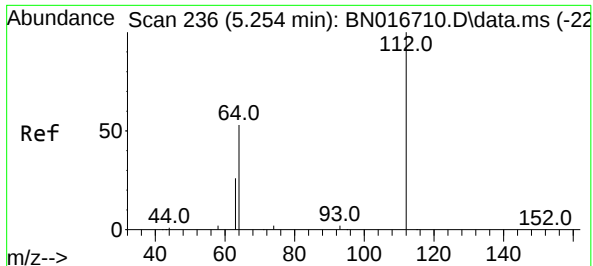
Tgt Ion:152 Resp: 17026
Ion Ratio Lower Upper
152 100
150 155.6 123.3 184.9
115 59.1 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.548 min Scan# 51
Delta R.T. -0.028 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion: 42 Resp: 628
Ion Ratio Lower Upper
42 100
74 1.1 124.0 186.0#
44 45.5 5.6 8.4#

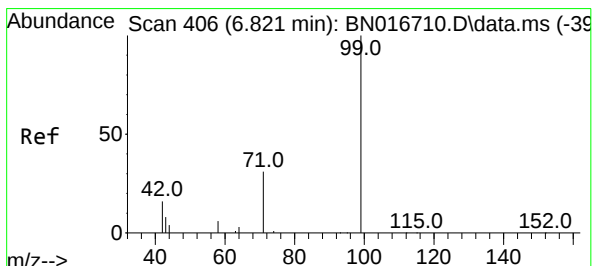
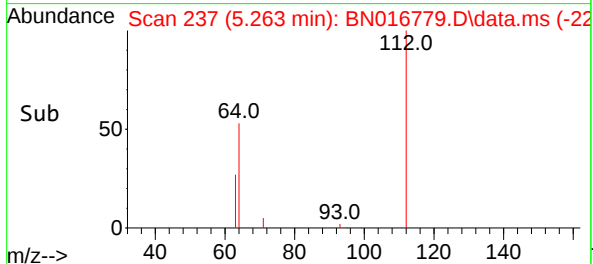
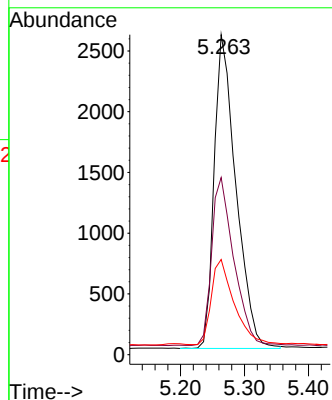
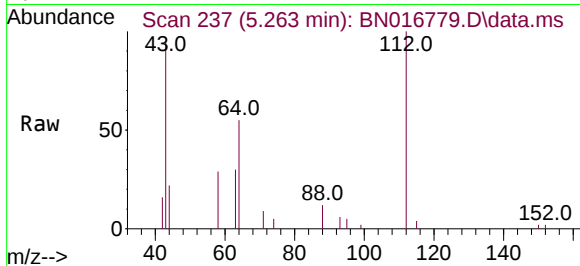




#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

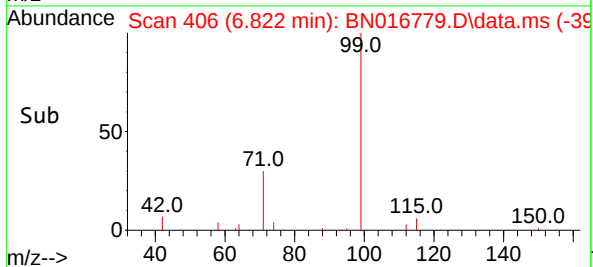
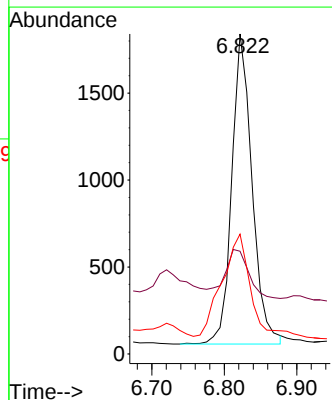
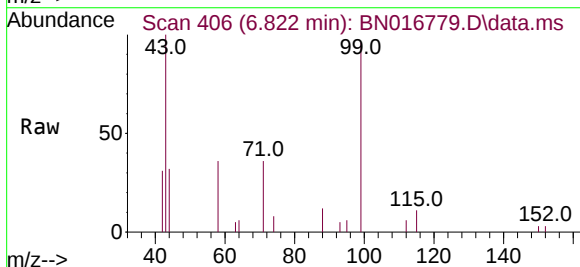
Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE

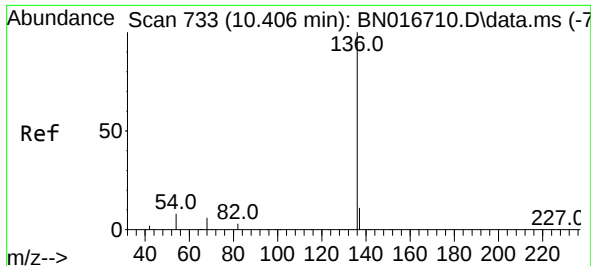
Tgt Ion:112 Resp: 6101
Ion Ratio Lower Upper
112 100
64 54.5 42.9 64.3
63 28.5 21.5 32.3



#5
Phenol-d6
Concen: 0.072 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion: 99 Resp: 3461
Ion Ratio Lower Upper
99 100
42 18.6 13.4 20.2
71 45.0 24.0 36.0#

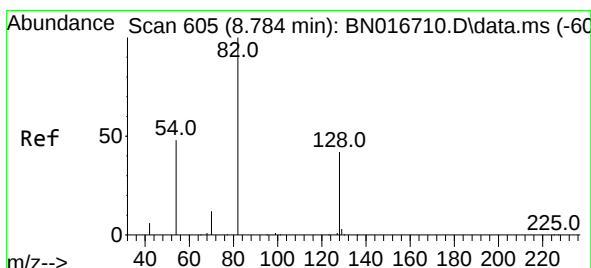
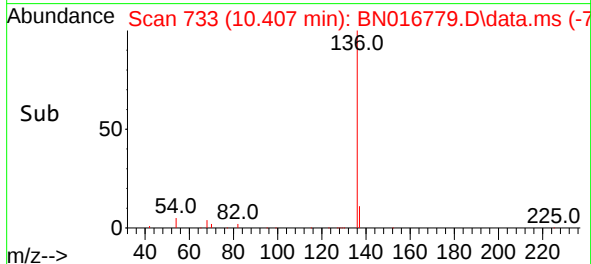
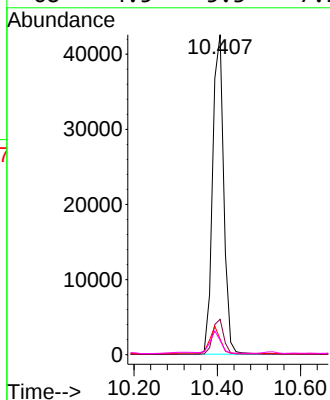
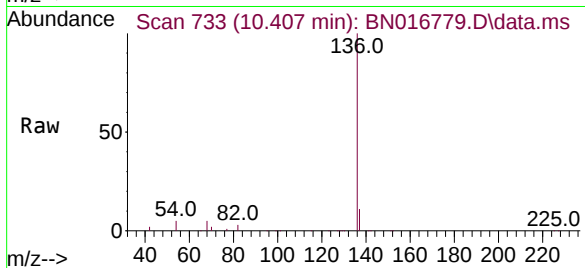




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

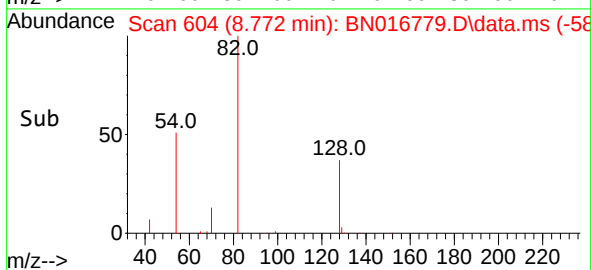
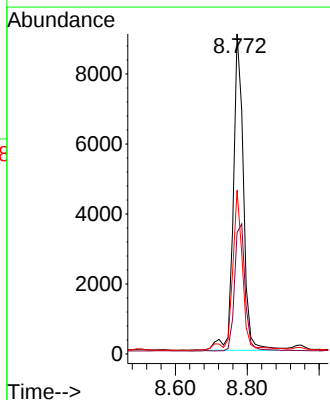
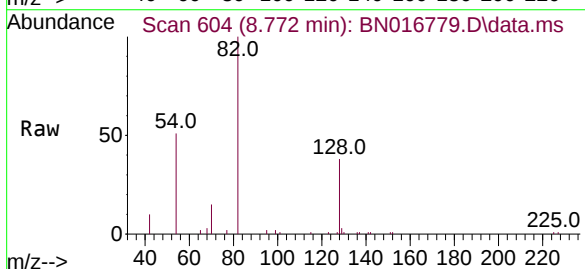
Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE

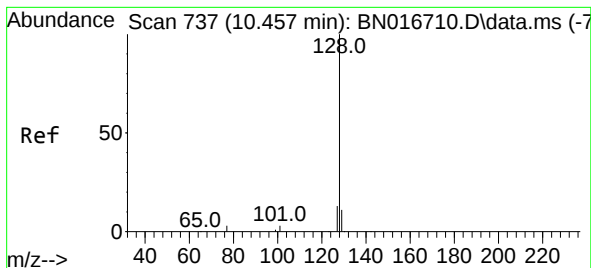
Tgt Ion:	136	Resp:	78940
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	4.8	6.5	9.7#
68	4.5	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:	82	Resp:	17671
Ion Ratio	Lower	Upper	
82	100		
128	38.0	33.8	50.6
54	51.2	38.5	57.7

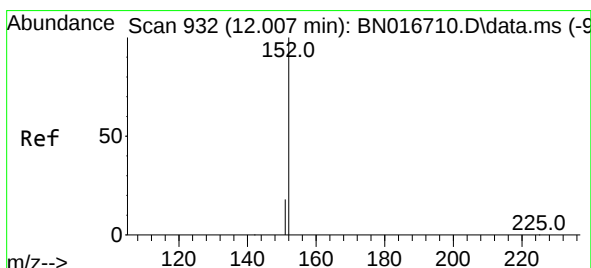
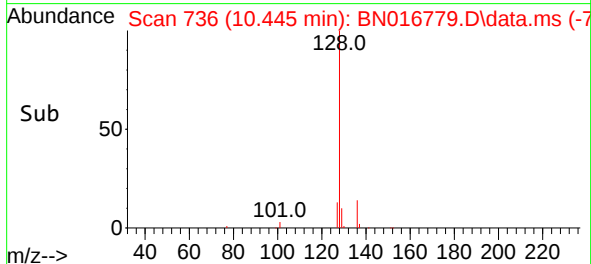
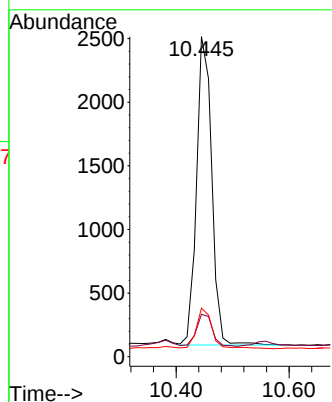
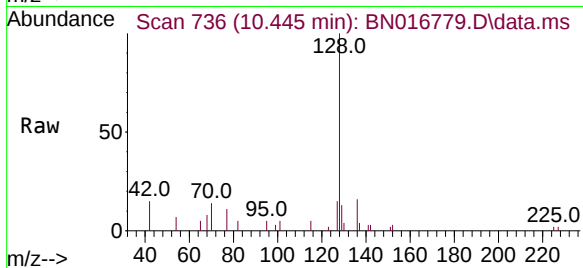




#9
Naphthalene
Concen: 0.021 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

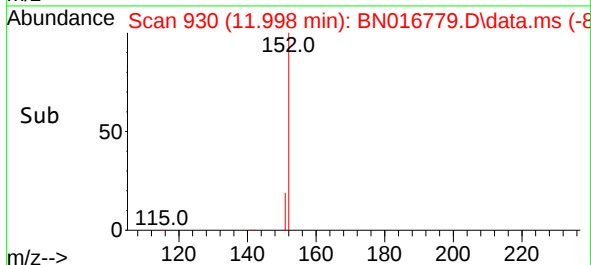
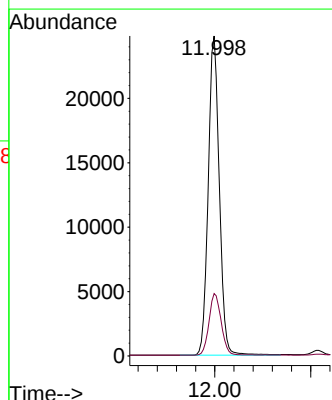
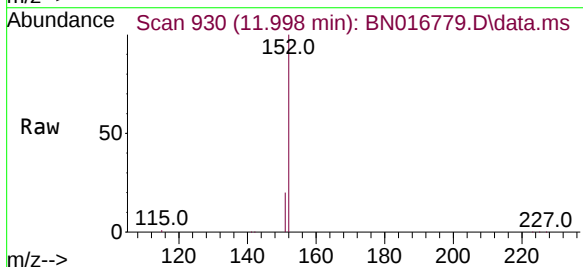
Instrument :
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EB-01-092221RE

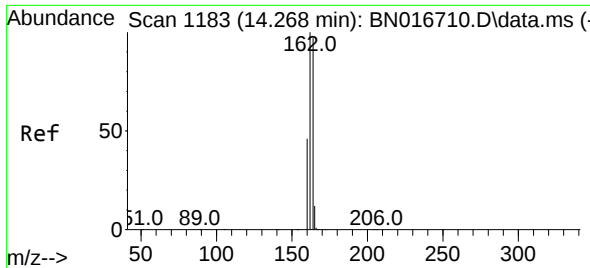
Tgt Ion:128 Resp: 4543
Ion Ratio Lower Upper
128 100
129 13.3 8.7 13.1#
127 15.1 10.3 15.5



#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 11.998 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:152 Resp: 39732
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4

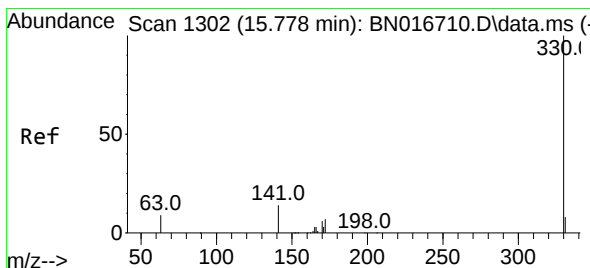
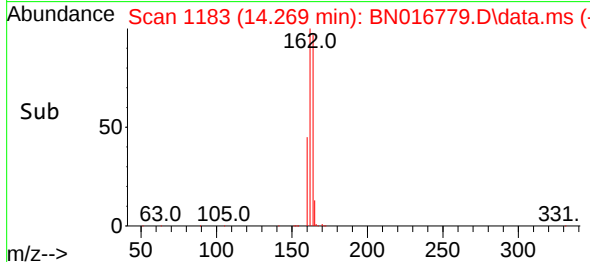
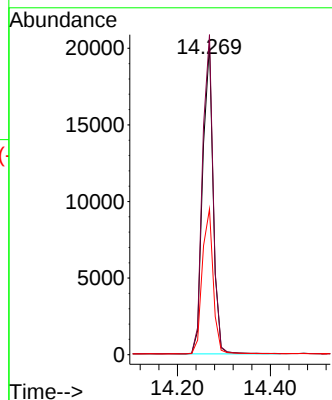
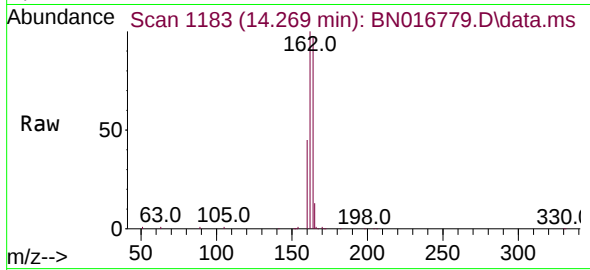




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

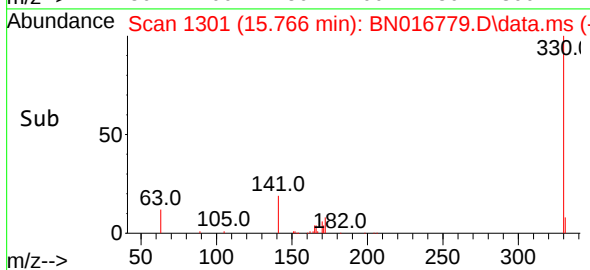
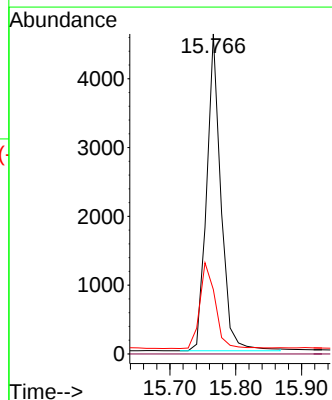
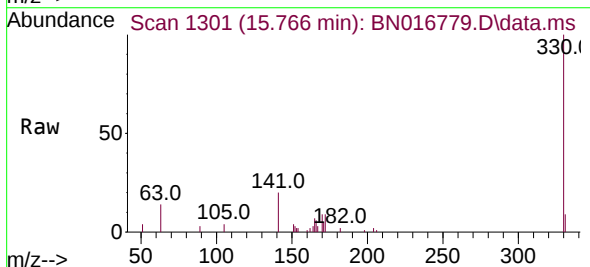
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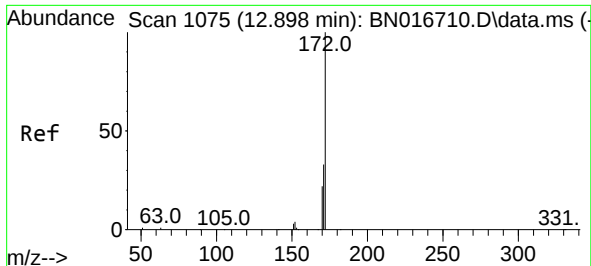
Tgt Ion:164 Resp: 31607
Ion Ratio Lower Upper
164 100
162 103.2 82.6 124.0
160 46.9 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.499 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:330 Resp: 6956
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.3 24.2 36.2

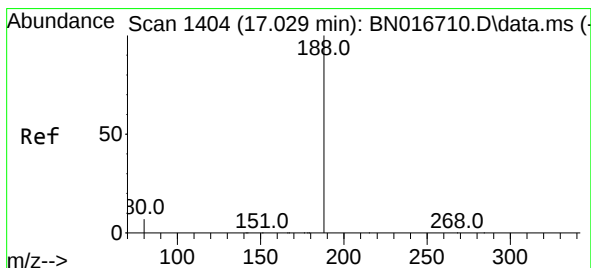
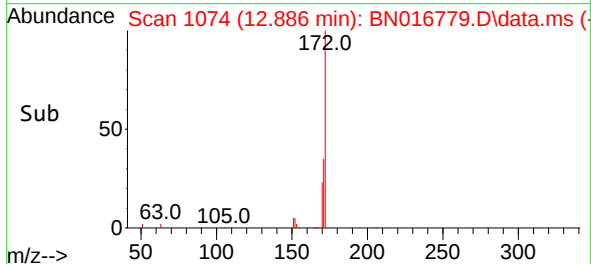
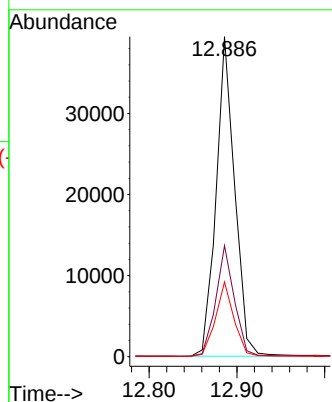
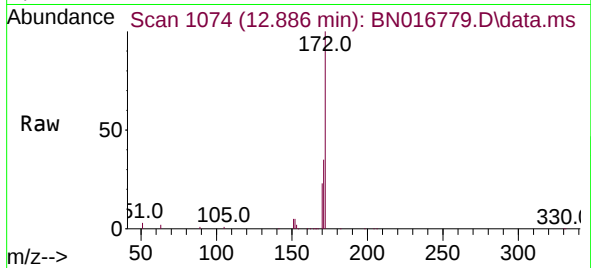




#15
2-Fluorobiphenyl
Concen: 0.460 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

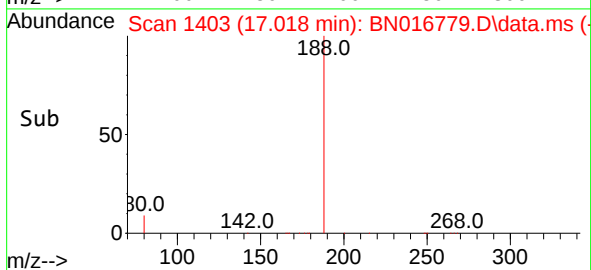
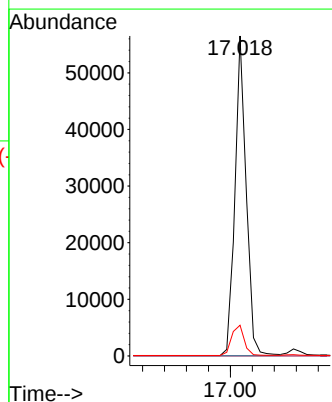
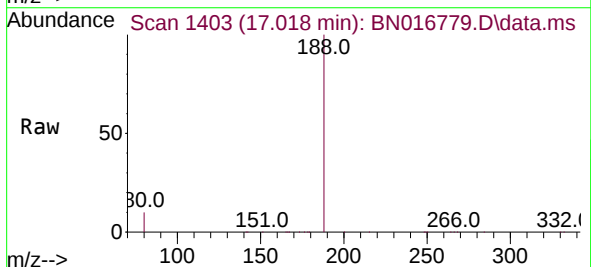
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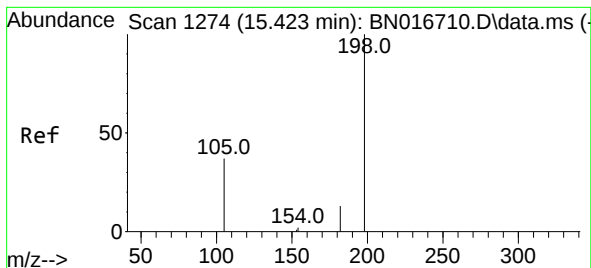
Tgt Ion:172 Resp: 58087
Ion Ratio Lower Upper
172 100
171 34.7 26.9 40.3
170 23.3 17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:188 Resp: 79958
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 5.8 8.8#

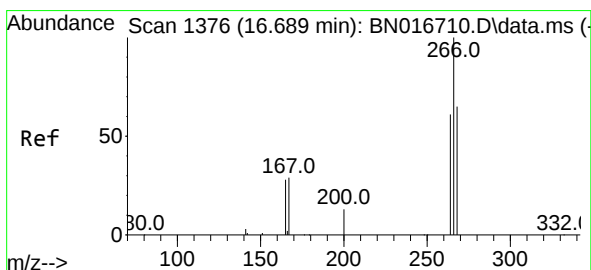
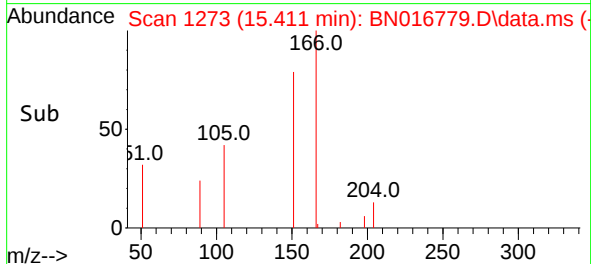
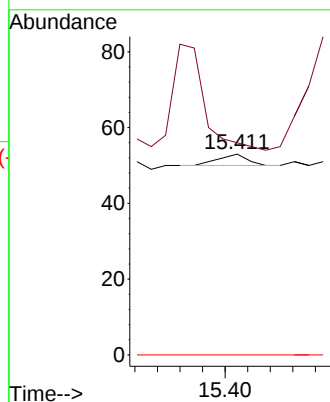
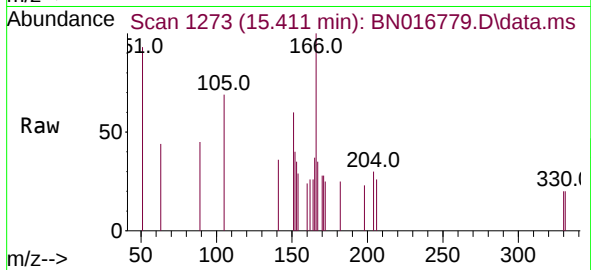




#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

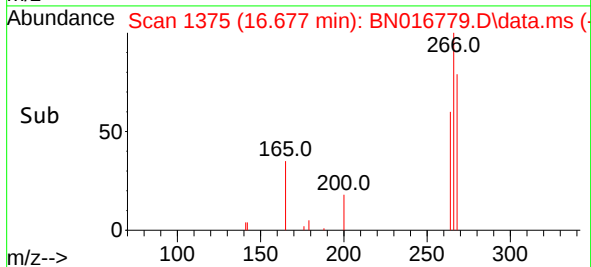
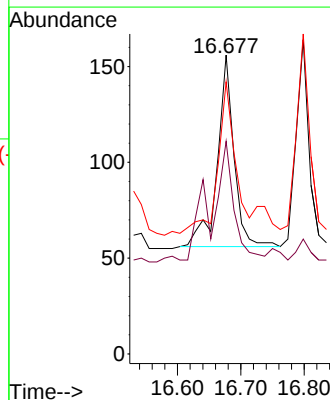
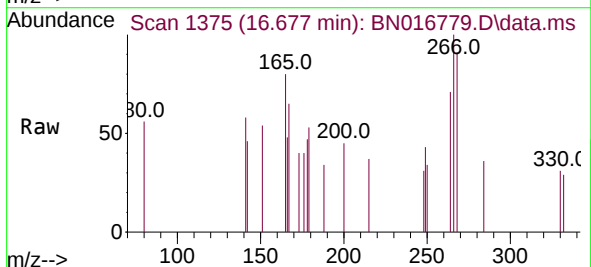
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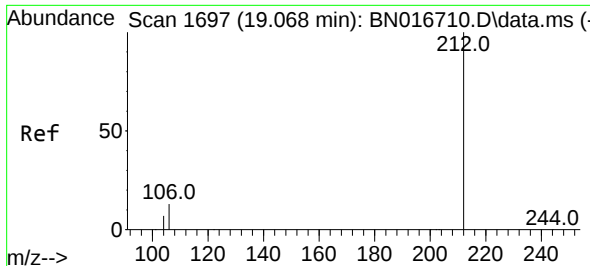
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 105.7 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.345 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:266 Resp: 182
Ion Ratio Lower Upper
266 100
264 56.0 49.3 73.9
268 81.3 51.8 77.8#

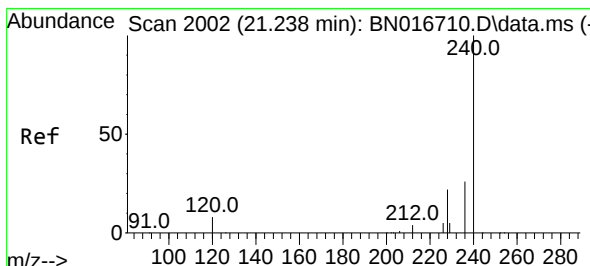
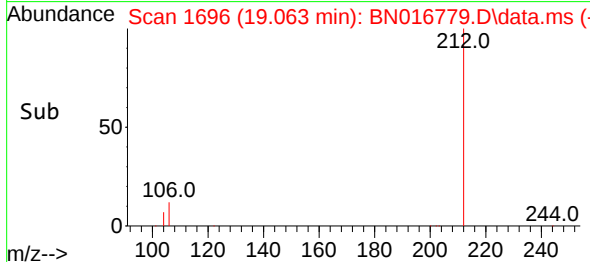
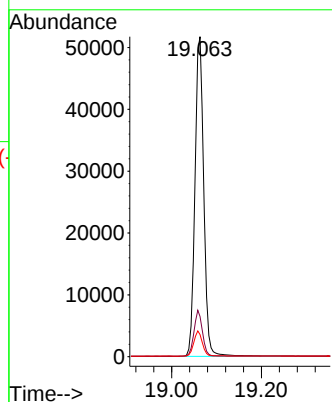
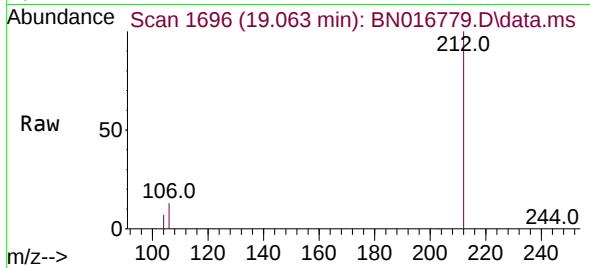




#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.063 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

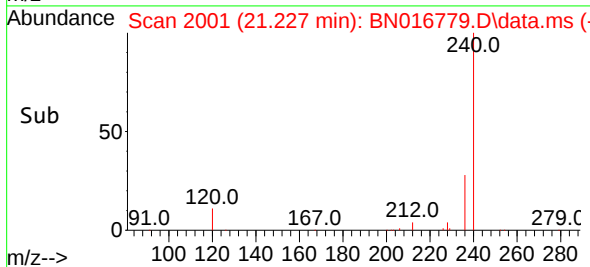
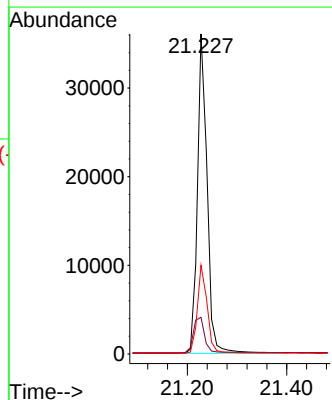
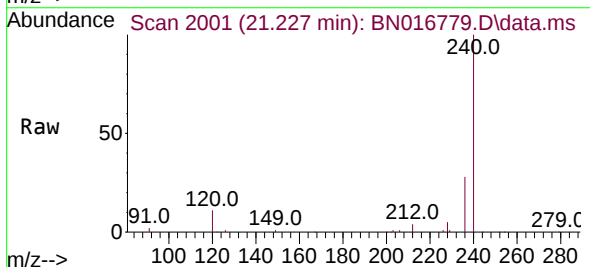
Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE

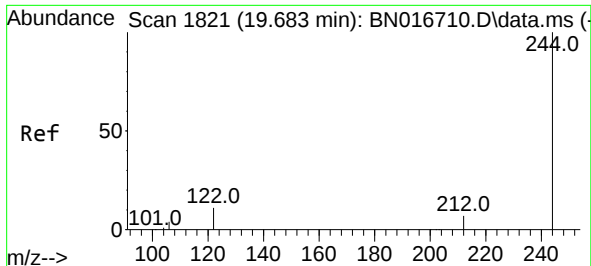
Tgt Ion:212 Resp: 70776
Ion Ratio Lower Upper
212 100
106 13.8 10.6 16.0
104 7.6 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:240 Resp: 48876
Ion Ratio Lower Upper
240 100
120 11.5 6.6 10.0#
236 27.7 20.7 31.1

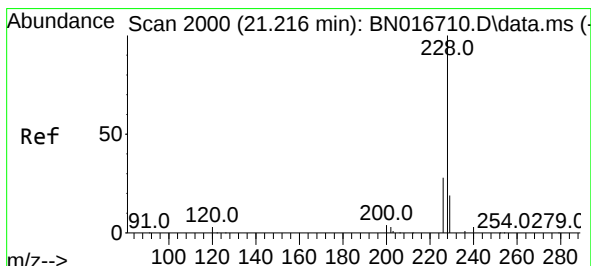
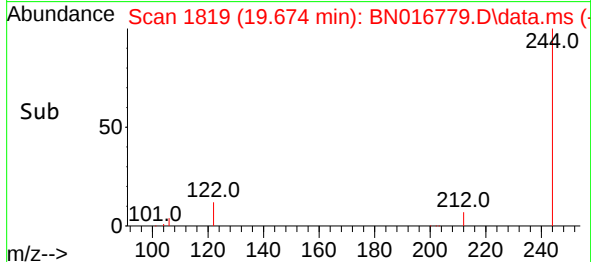
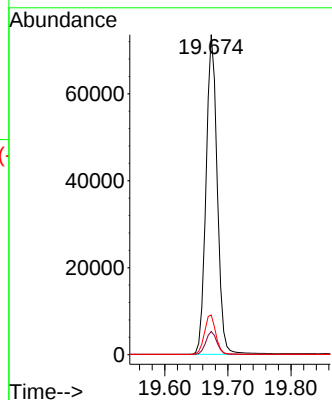
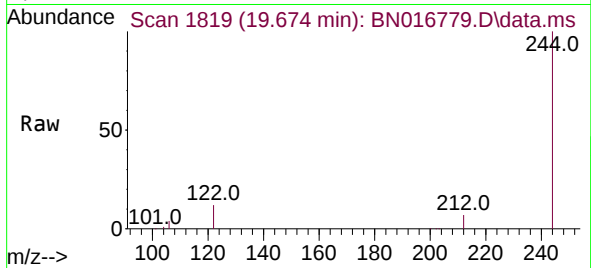




#31
Terphenyl-d14
Concen: 0.832 ng
RT: 19.674 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

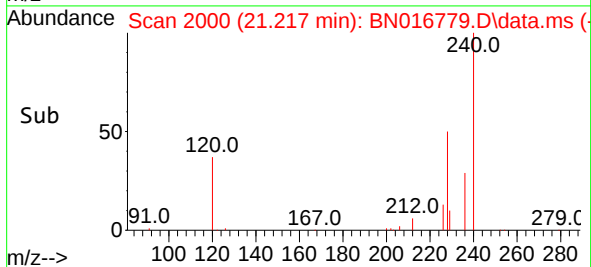
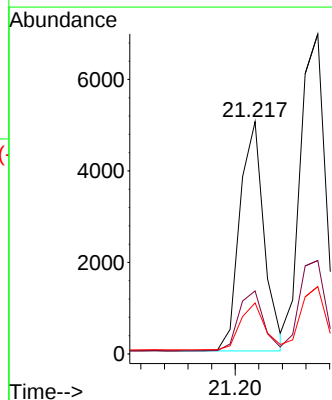
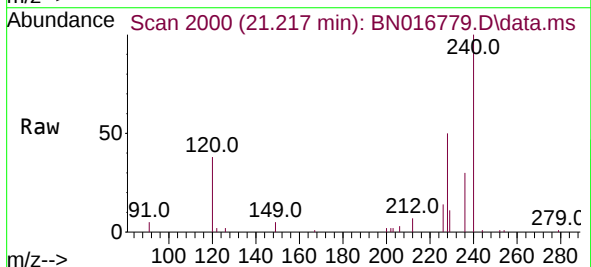
Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE

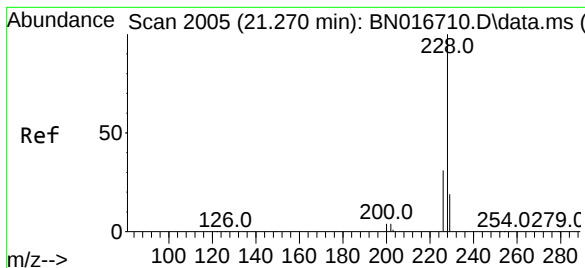
Tgt Ion:244 Resp: 91004
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 12.4 8.9 13.3



#32
Benzo(a)anthracene
Concen: 0.047 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:228 Resp: 7185
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 22.0 15.4 23.0





#33

Chrysene

Concen: 0.067 ng

RT: 21.270 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BN016779.D

Acq: 06 Oct 2021 15:01

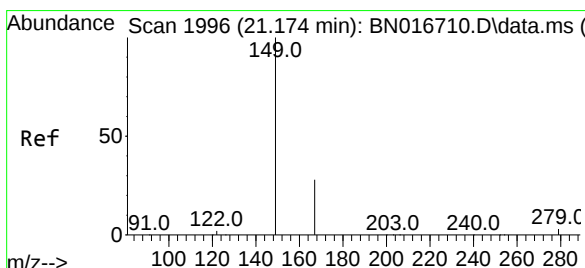
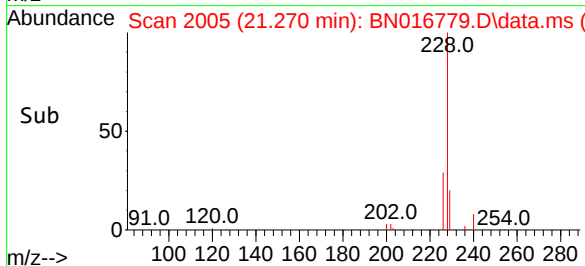
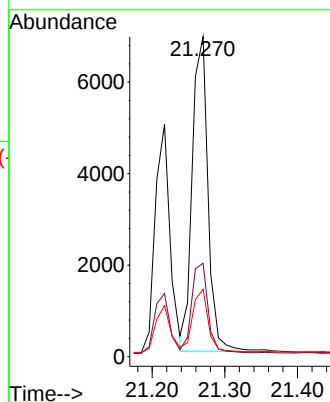
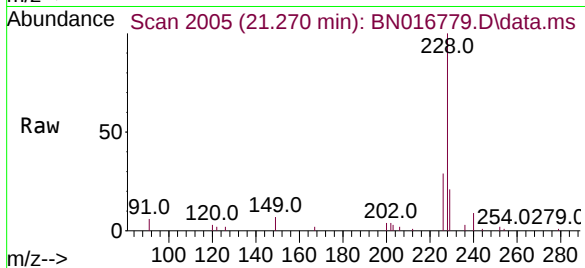
Instrument :

BNA_N

ClientSampleId :

EB-01-092221RE

Tgt Ion:228	Resp: 10368
Ion Ratio	Lower Upper
228 100	
226 29.2	24.2 36.4
229 21.0	15.4 23.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.111 ng

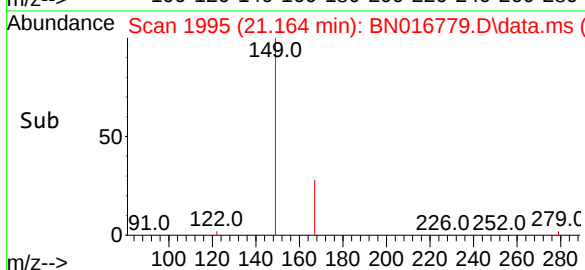
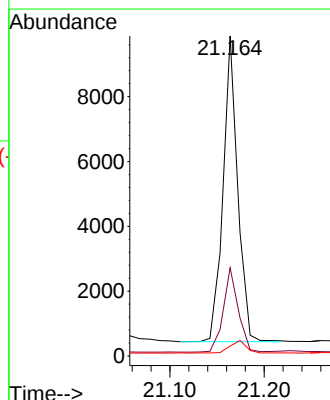
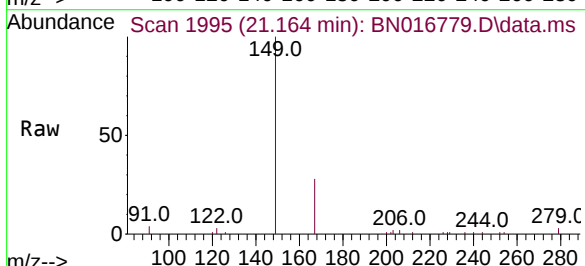
RT: 21.164 min Scan# 1995

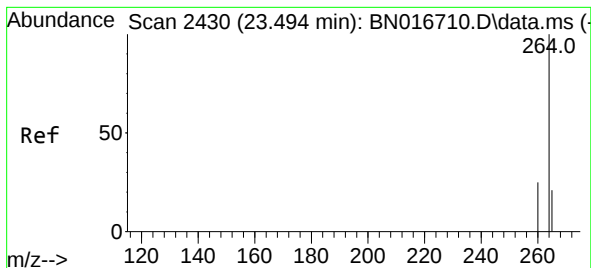
Delta R.T. 0.000 min

Lab File: BN016779.D

Acq: 06 Oct 2021 15:01

Tgt Ion:149	Resp: 10160
Ion Ratio	Lower Upper
149 100	
167 28.2	22.2 33.4
279 4.5	3.4 5.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.481 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BN016779.D

Acq: 06 Oct 2021 15:01

Tgt Ion:264 Resp: 1694

Ion Ratio Lower Upper

264 100

260 47.7 19.8 29.6#

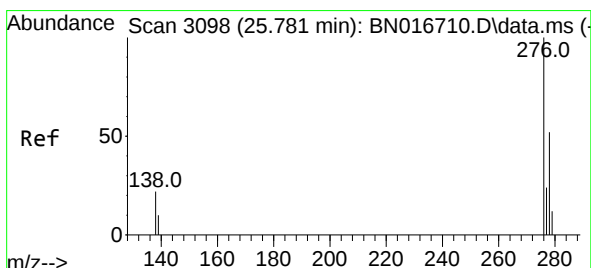
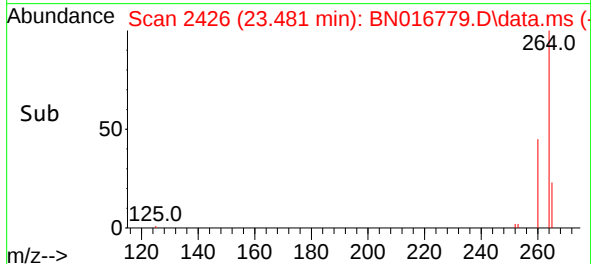
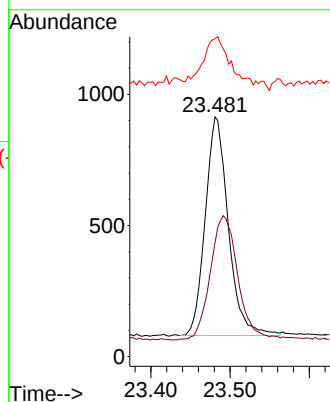
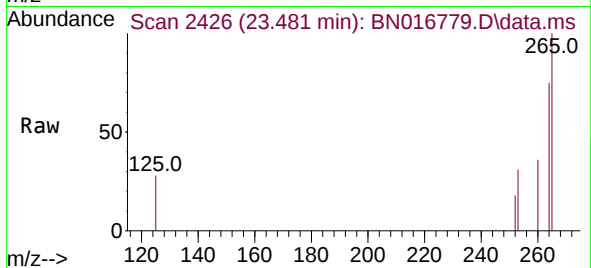
265 132.7 20.3 30.5#

Instrument :

BNA_N

ClientSampleId :

EB-01-092221RE



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.610 ng

RT: 25.768 min Scan# 3094

Delta R.T. 0.014 min

Lab File: BN016779.D

Acq: 06 Oct 2021 15:01

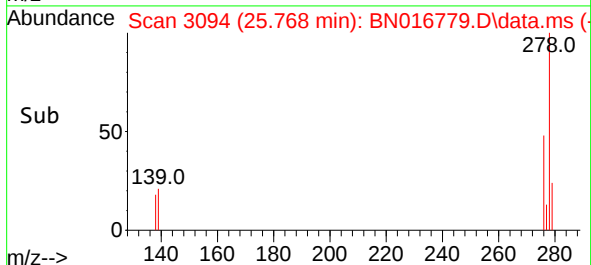
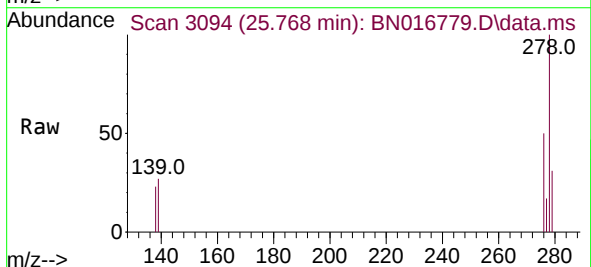
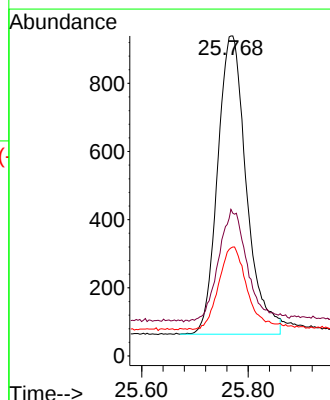
Tgt Ion:276 Resp: 3278

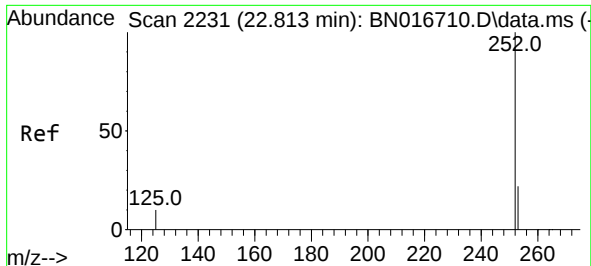
Ion Ratio Lower Upper

276 100

138 37.2 19.2 28.8#

277 27.1 20.0 30.0

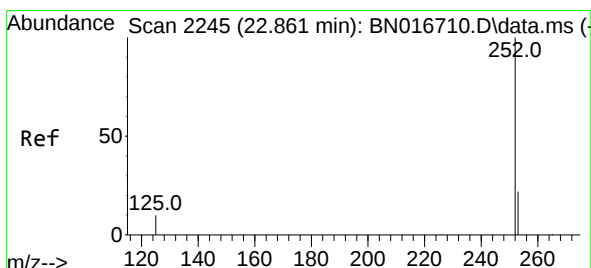
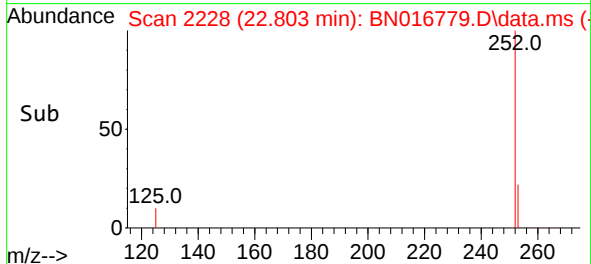
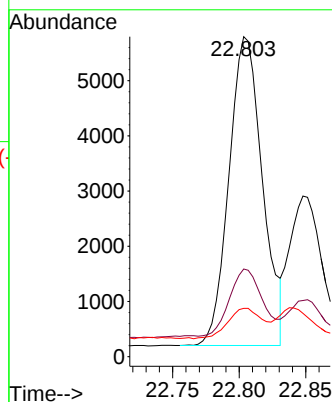
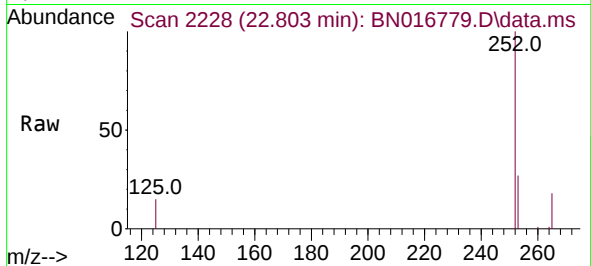




#37
Benzo(b)fluoranthene
Concen: 1.789 ng
RT: 22.803 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

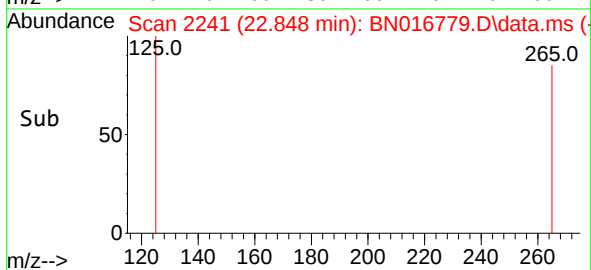
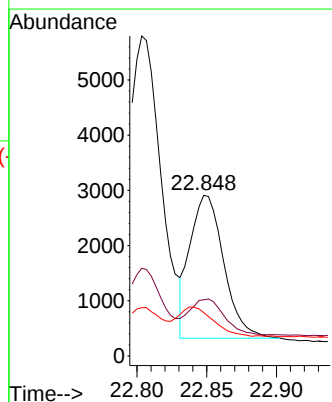
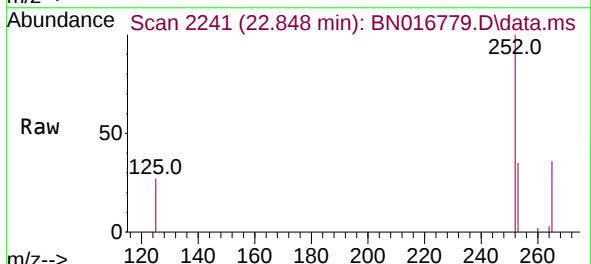
Instrument :
BNA_N
ClientSampleId :
EB-01-092221RE

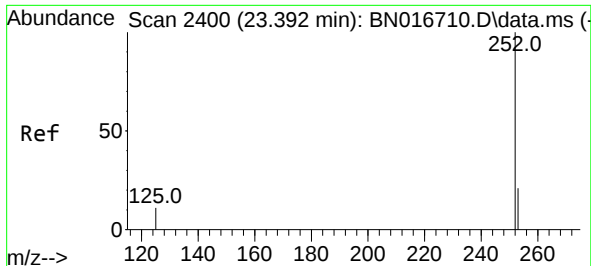
Tgt Ion:252 Resp: 9798
Ion Ratio Lower Upper
252 100
253 27.4 17.8 26.8#
125 15.1 8.3 12.5#



#38
Benzo(k)fluoranthene
Concen: 0.829 ng
RT: 22.848 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BN016779.D
Acq: 06 Oct 2021 15:01

Tgt Ion:252 Resp: 4366
Ion Ratio Lower Upper
252 100
253 35.0 17.8 26.8#
125 27.0 8.5 12.7#





#39

Benzo(a)pyrene

Concen: 0.172 ng

RT: 23.382 min Scan# 2397

Delta R.T. 0.000 min

Lab File: BN016779.D

Acq: 06 Oct 2021 15:01

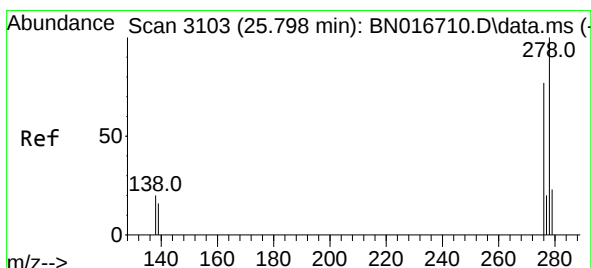
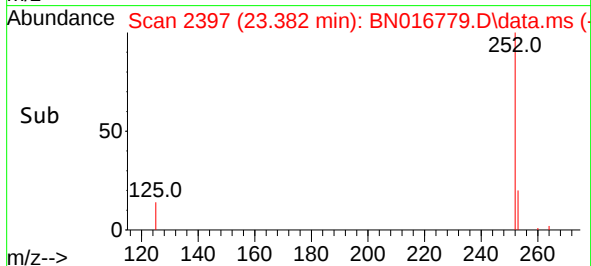
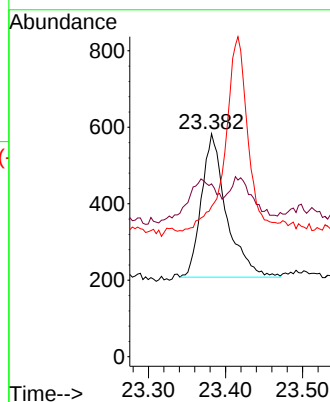
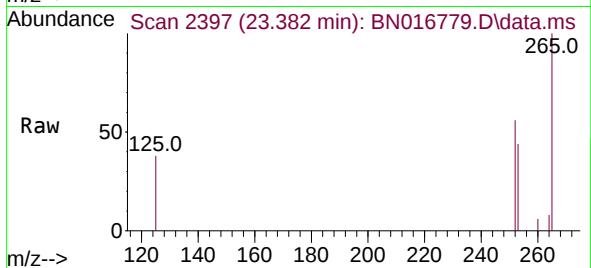
Tgt Ion:252	Resp:	843
Ion Ratio	Lower	Upper
252	100	
253	77.5	17.9 26.9#
125	67.4	9.4 14.2#

Instrument :

BNA_N

ClientSampleId :

EB-01-092221RE



#40

Dibenzo(a,h)anthracene

Concen: 1.632 ng

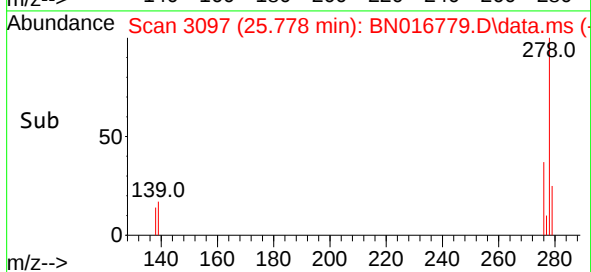
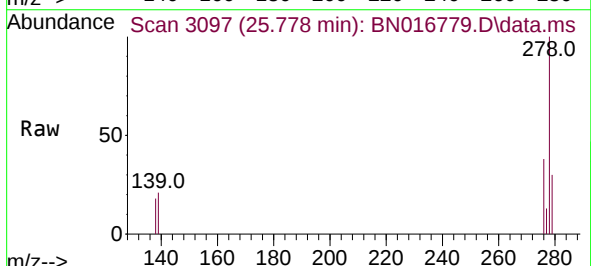
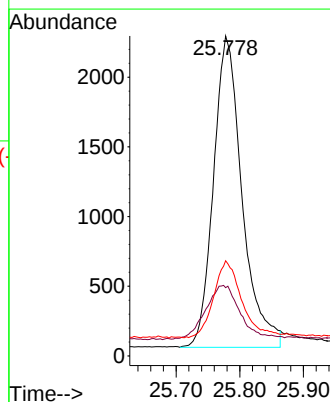
RT: 25.778 min Scan# 3097

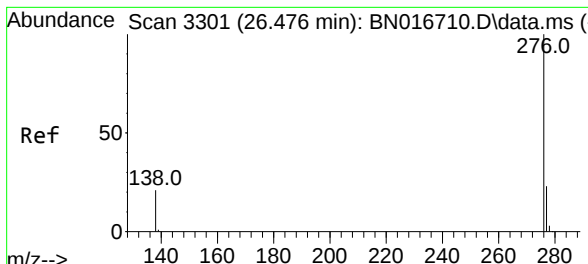
Delta R.T. 0.000 min

Lab File: BN016779.D

Acq: 06 Oct 2021 15:01

Tgt Ion:278	Resp:	6964
Ion Ratio	Lower	Upper
278	100	
139	21.3	13.1 19.7#
279	29.7	19.3 28.9#





#41
 Benzo(g,h,i)perylene
 Concen: 0.402 ng
 RT: 26.449 min Scan# 3293
 Delta R.T. -0.003 min
 Lab File: BN016779.D
 Acq: 06 Oct 2021 15:01

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-092221RE

Tgt Ion:	276	Resp:	1919
Ion Ratio	Lower	Upper	
276	100		
277	33.6	19.0	28.4#
138	35.0	17.0	25.6#

