

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018278.D
 Acq On : 30 Dec 2021 02:38
 Operator : CG/JU
 Sample : M5107-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-06

Quant Time: Dec 30 03:26:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

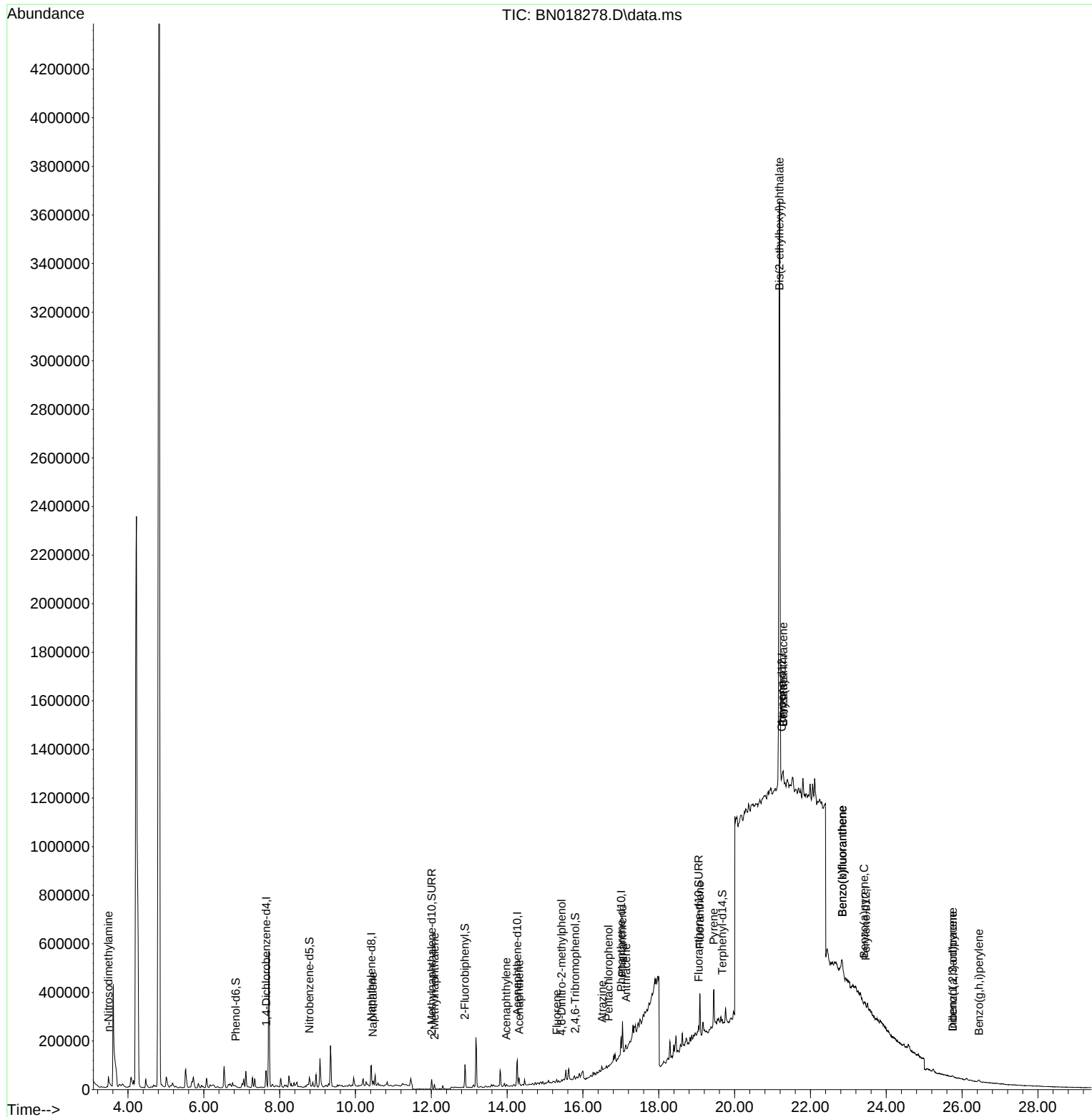
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	22723	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	100799	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	66255	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	110990	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	41187	0.400	ng	# 0.05
35) Perylene-d12	23.461	264	2106	0.400	ng	# 0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	320	0.007	ng	0.03
5) Phenol-d6	6.840	99	1840	0.042	ng	0.00
8) Nitrobenzene-d5	8.784	82	22667	0.440	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	54029	0.319	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	198	0.310	ng	0.03
15) 2-Fluorobiphenyl	12.886	172	83011	0.331	ng	-0.01
27) Fluoranthene-d10	19.053	212	74647	0.211	ng	0.01
31) Terphenyl-d14	19.674	244	41640	0.398	ng	0.02
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.484	42	16527	0.886	ng	# 1
9) Naphthalene	10.457	128	29027	0.116	ng	96
12) 2-Methylnaphthalene	12.083	142	13627	0.085	ng	95
16) Acenaphthylene	13.977	152	6963	0.030	ng	# 83
17) Acenaphthene	14.320	154	5698	0.033	ng	# 55
18) Fluorene	15.309	166	5501	0.027	ng	# 70
20) 4,6-Dinitro-2-methylph...	15.436	198	359	0.358	ng	# 1
23) Atrazine	16.506	200	6989	0.260	ng	# 1
24) Pentachlorophenol	16.677	266	1644	0.334	ng	# 75
25) Phenanthrene	17.042	178	127394	0.435	ng	# 83
26) Anthracene	17.139	178	14493	0.097	ng	# 1
28) Fluoranthene	19.083	202	180891	0.528	ng	99
30) Pyrene	19.450	202	188009	1.164	ng	# 93
32) Benzo(a)anthracene	21.281	228	126422	1.006	ng	# 1
33) Chrysene	21.281	228	109591	0.827	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.185	149	3724479	72.445	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.754	276	10207	2.030	ng	# 77
37) Benzo(b)fluoranthene	22.841	252	90329	13.497	ng	# 1
38) Benzo(k)fluoranthene	22.841	252	64446	10.171	ng	# 1
39) Benzo(a)pyrene	23.413	252	1787	0.307	ng	# 1
40) Dibenzo(a,h)anthracene	25.754	278	965	0.269	ng	# 1
41) Benzo(g,h,i)perylene	26.445	276	16273	3.243	ng	# 1

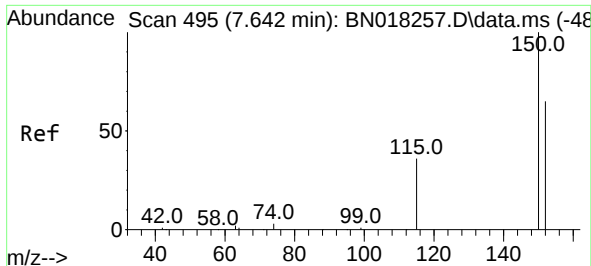
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
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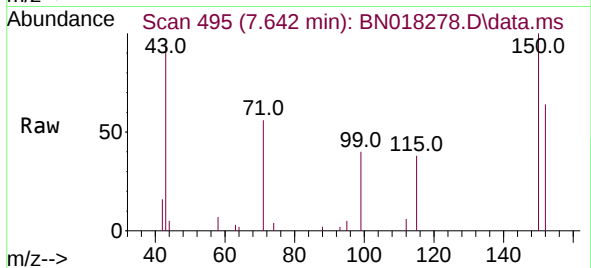
Quant Time: Dec 30 03:26:35 2021
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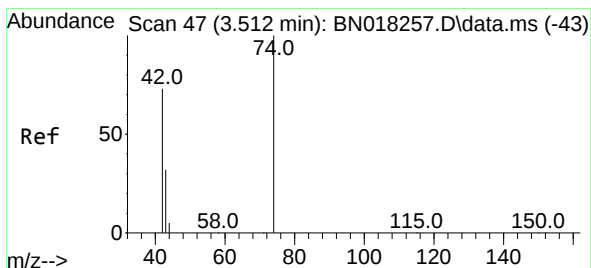
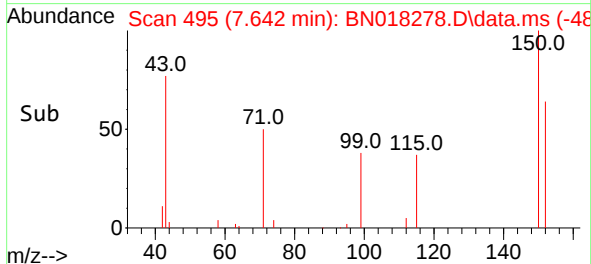
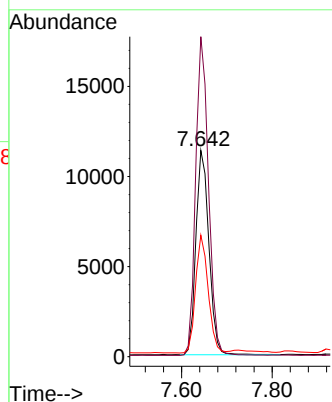


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: BN018278.D
 Acq: 30 Dec 2021 02:38

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 BNA_N
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 OB-CS-06

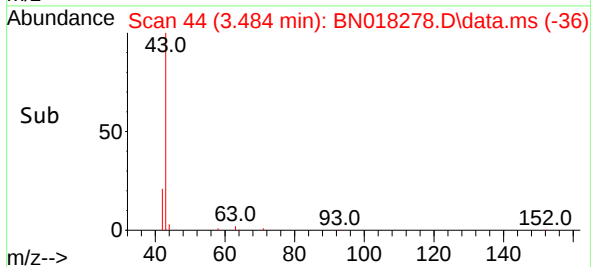
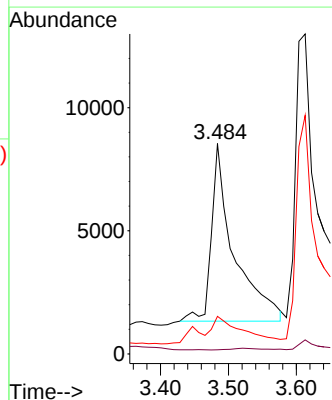
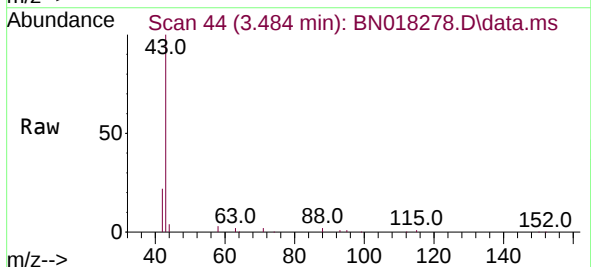


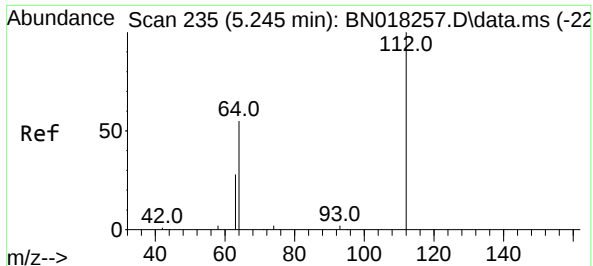
Tgt Ion:152 Resp: 22723
 Ion Ratio Lower Upper
 152 100
 150 155.2 121.7 182.5
 115 58.9 43.8 65.8



#3
 n-Nitrosodimethylamine
 Concen: 0.886 ng
 RT: 3.484 min Scan# 44
 Delta R.T. -0.028 min
 Lab File: BN018278.D
 Acq: 30 Dec 2021 02:38

Tgt Ion: 42 Resp: 16527
 Ion Ratio Lower Upper
 42 100
 74 0.0 108.6 163.0#
 44 16.2 5.8 8.8#

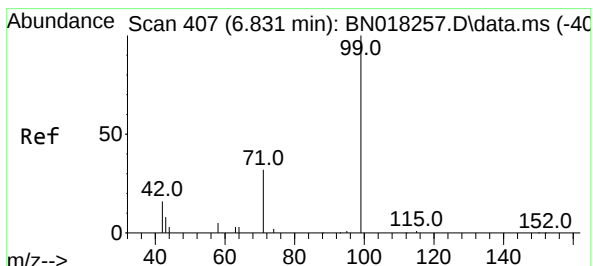
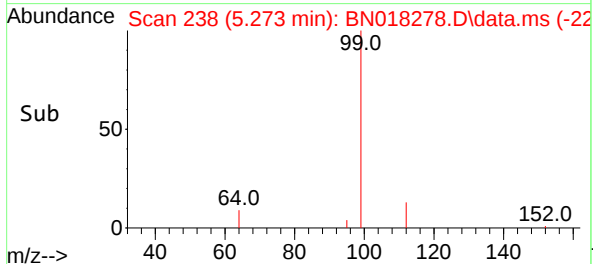
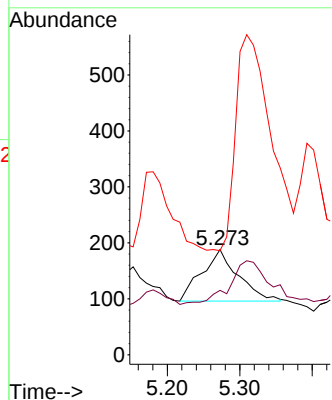
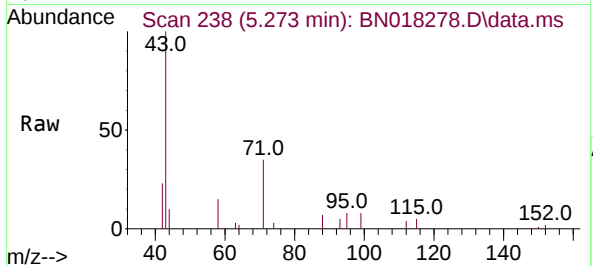




#4
2-Fluorophenol
Concen: 0.007 ng
RT: 5.273 min Scan# 21
Delta R.T. 0.028 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

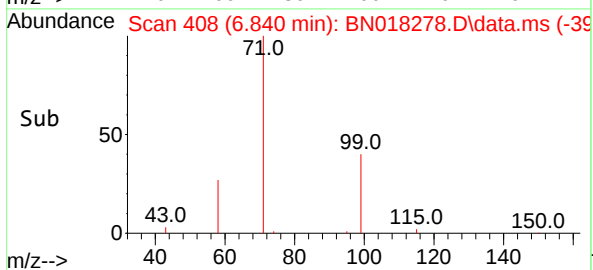
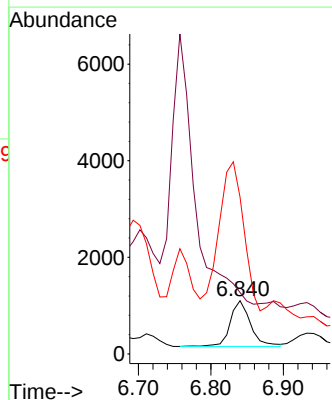
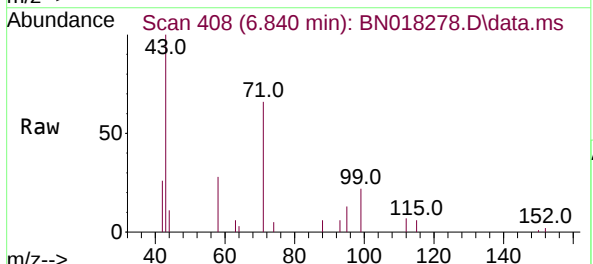
Instrument :
BNA_N
ClientSampleId :
OB-CS-06

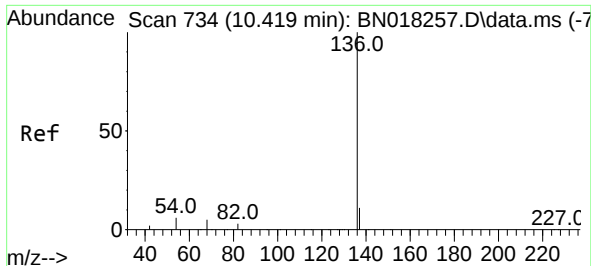
Tgt Ion:112 Resp: 320
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#



#5
Phenol-d6
Concen: 0.042 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion: 99 Resp: 1840
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 394.0 26.8 40.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

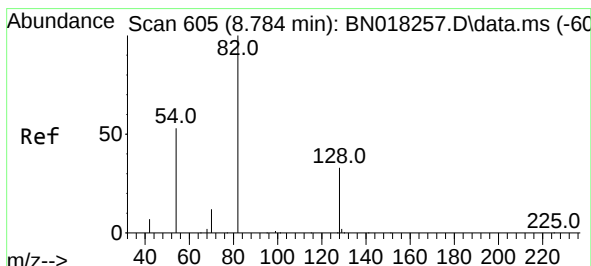
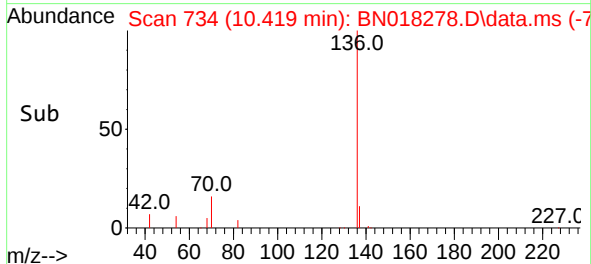
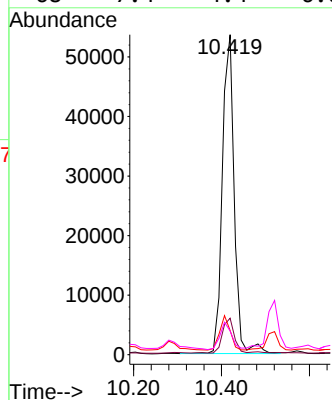
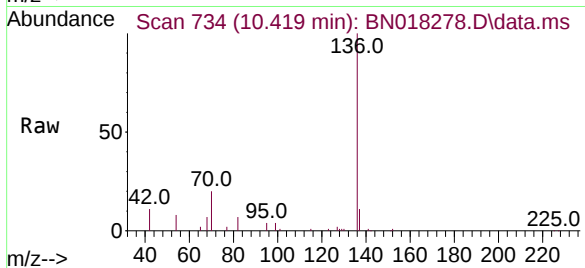
Instrument :

BNA_N

ClientSampleId :

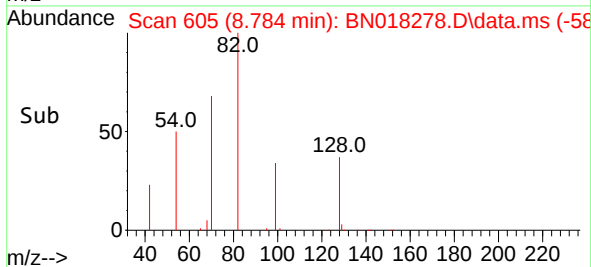
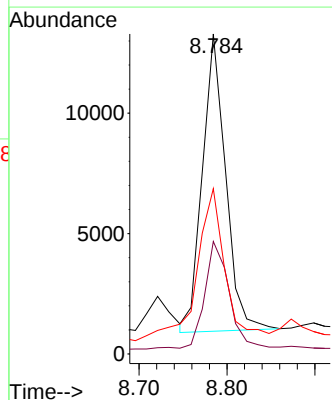
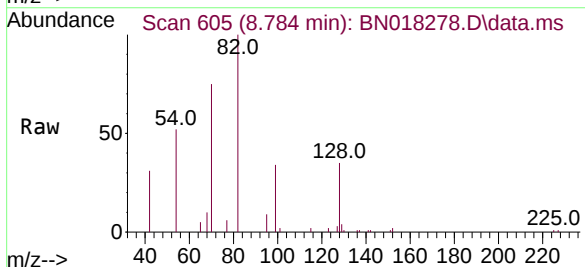
OB-CS-06

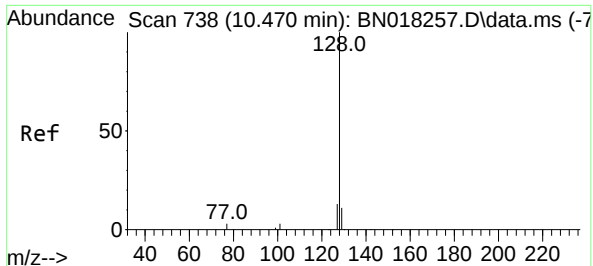
Tgt Ion:136 Resp: 100799
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.6 5.0 7.6#
68 7.4 4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.440 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion: 82 Resp: 22667
Ion Ratio Lower Upper
82 100
128 35.2 33.7 50.5
54 51.6 36.6 55.0





#9
Naphthalene
Concen: 0.116 ng
RT: 10.457 min Scan# 71
Delta R.T. -0.013 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

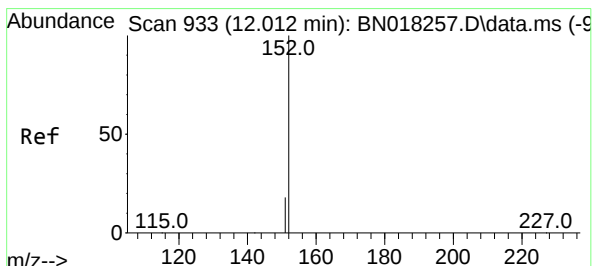
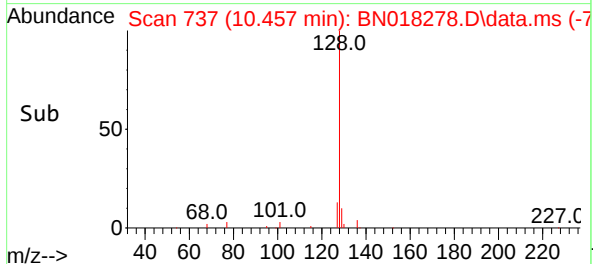
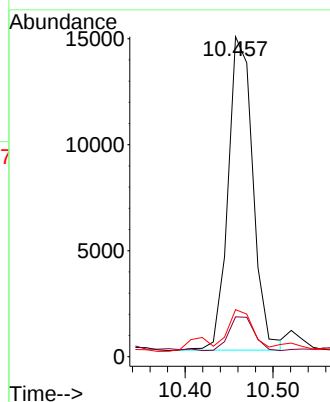
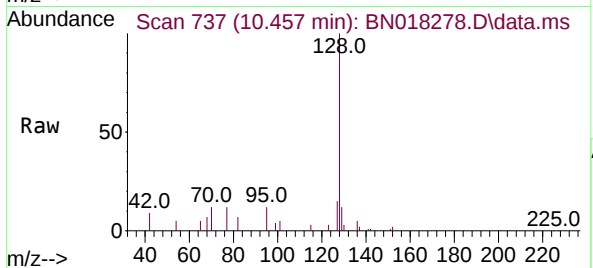
Instrument :

BNA_N

ClientSampleId :

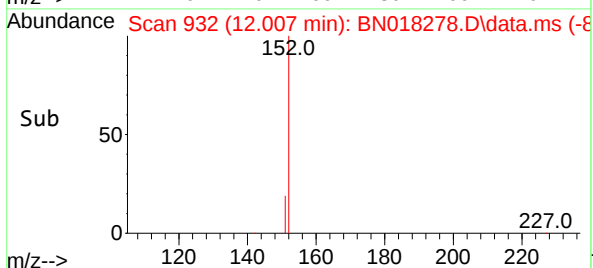
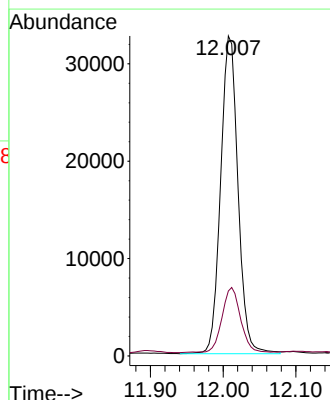
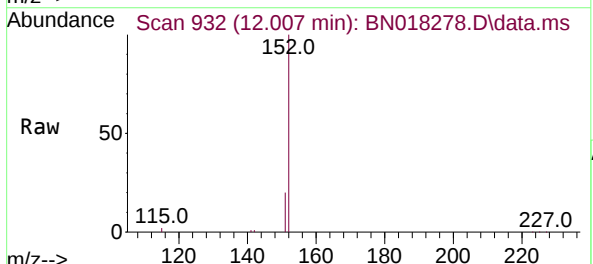
OB-CS-06

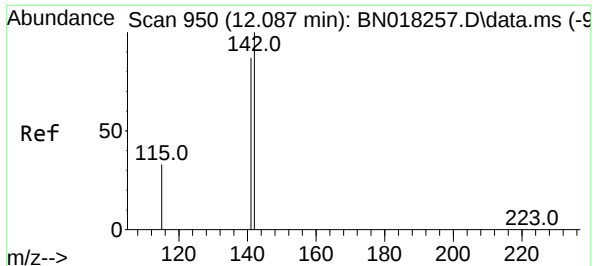
Tgt Ion:128 Resp: 29027
Ion Ratio Lower Upper
128 100
129 12.4 8.7 13.1
127 14.7 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.004 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:152 Resp: 54029
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.2





#12

2-Methylnaphthalene

Concen: 0.085 ng

RT: 12.083 min Scan# 949

Delta R.T. -0.004 min

Lab File: BN018278.D

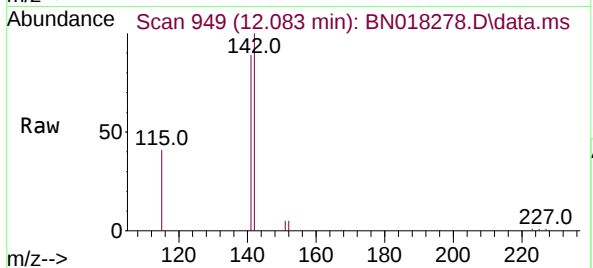
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Instrument :

BNA_N

ClientSampleId :

OB-CS-06



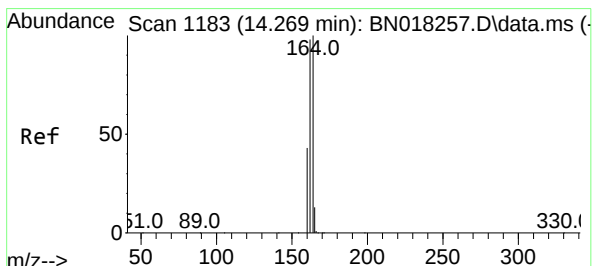
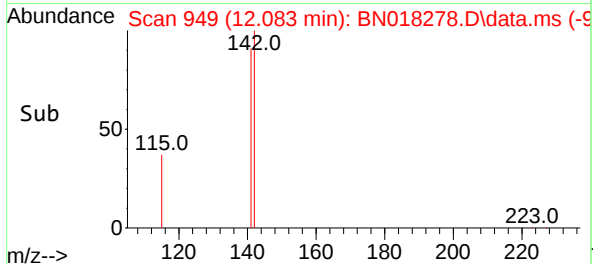
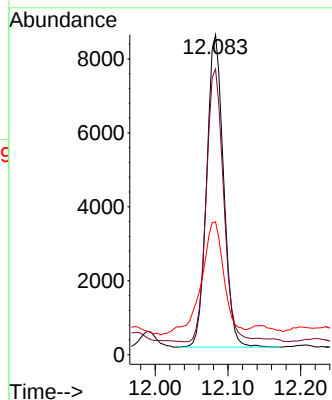
Tgt Ion:142 Resp: 13627

Ion Ratio Lower Upper

142 100

141 89.3 70.0 105.0

115 41.5 27.8 41.8



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.269 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BN018278.D

Acq: 30 Dec 2021 02:38

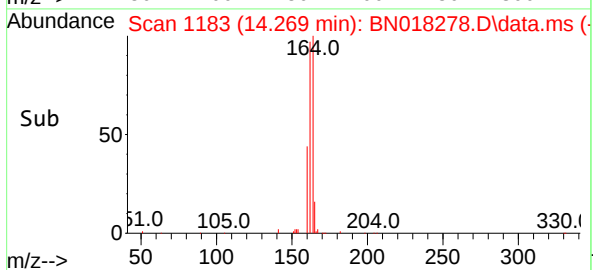
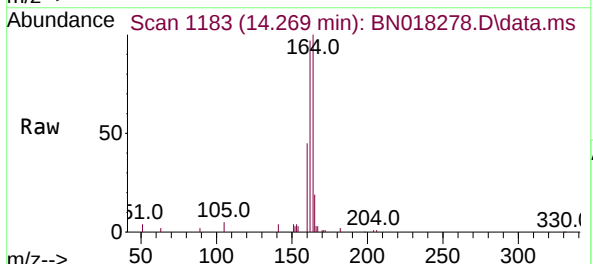
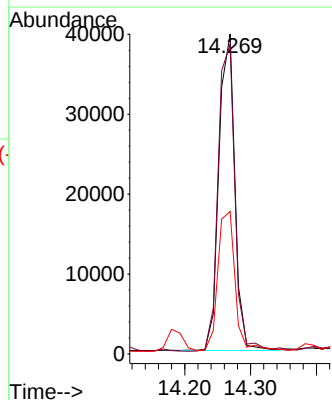
Tgt Ion:164 Resp: 66255

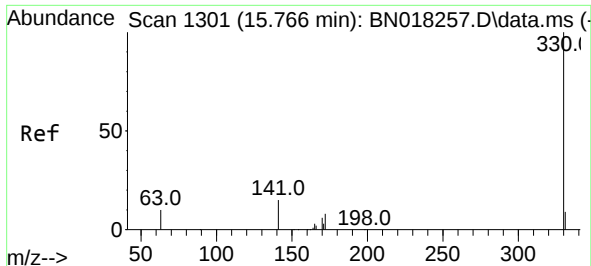
Ion Ratio Lower Upper

164 100

162 96.7 80.2 120.2

160 44.6 36.9 55.3

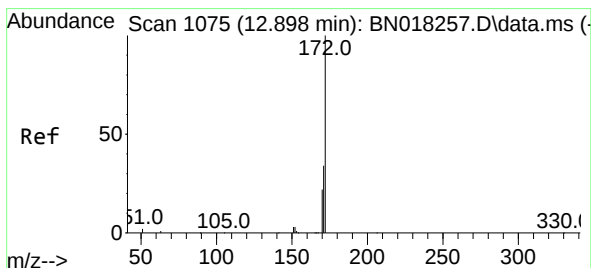
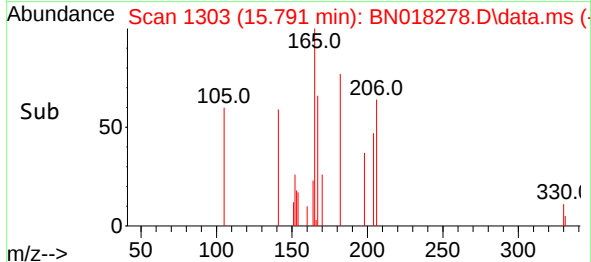
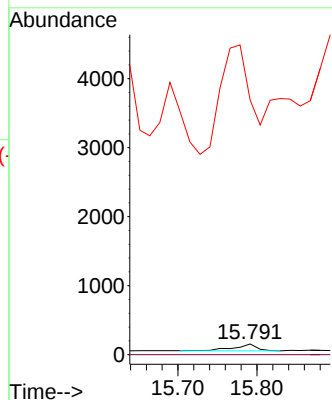
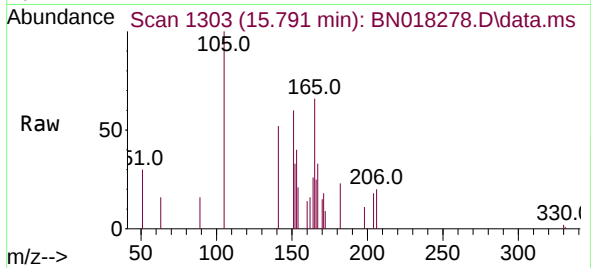




#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.791 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

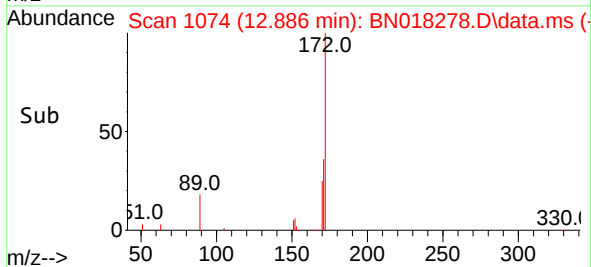
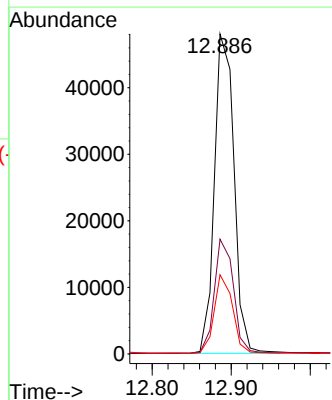
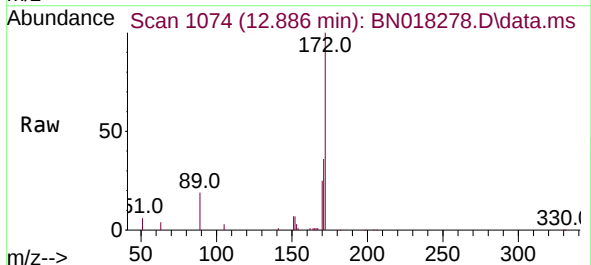
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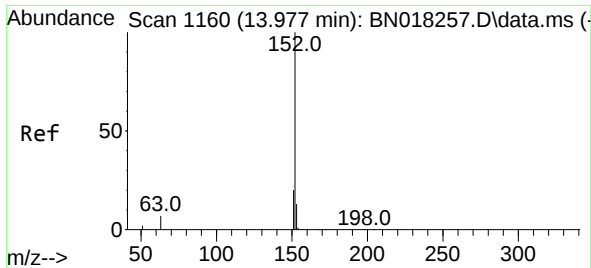
Tgt Ion:330 Resp: 198
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 2080.3 21.3 31.9#



#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:172 Resp: 83011
Ion Ratio Lower Upper
172 100
171 35.8 27.4 41.0
170 24.8 18.4 27.6

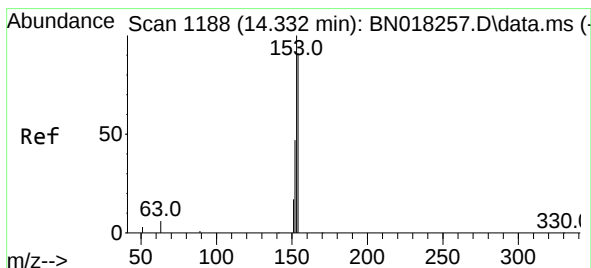
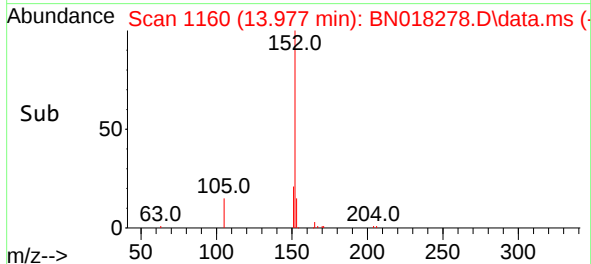
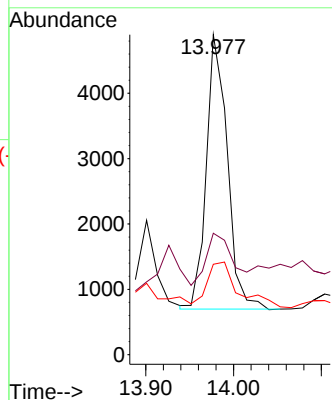
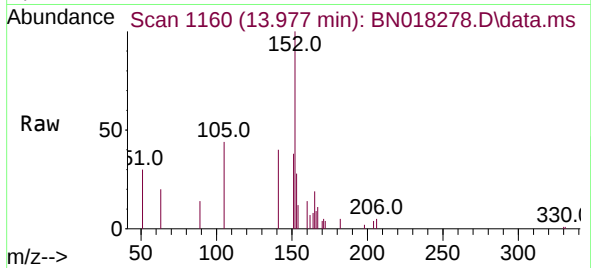




#16
Acenaphthylene
Concen: 0.030 ng
RT: 13.977 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

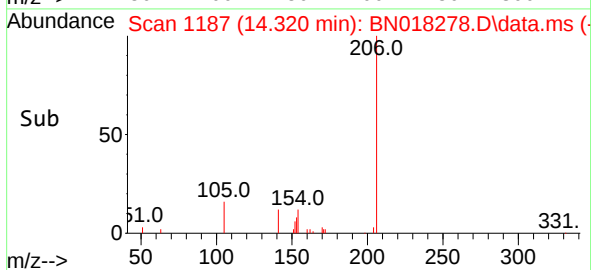
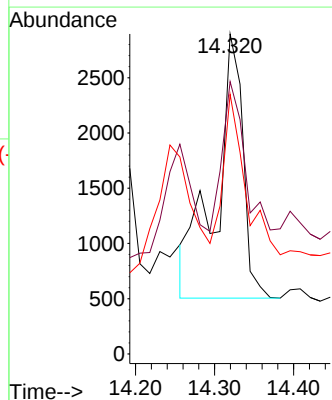
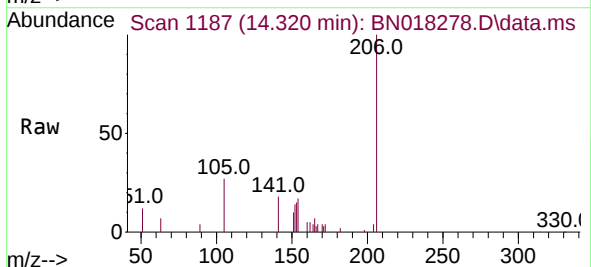
Instrument :
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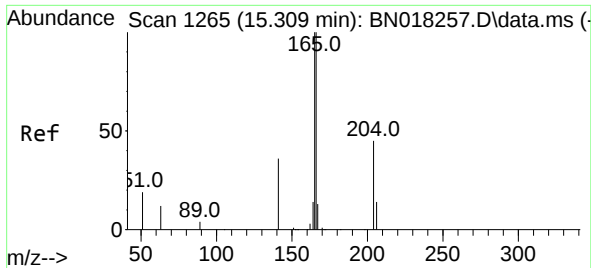
Tgt Ion:152 Resp: 6963
Ion Ratio Lower Upper
152 100
151 23.8 15.8 23.6#
153 24.4 10.5 15.7#



#17
Acenaphthene
Concen: 0.033 ng
RT: 14.320 min Scan# 1187
Delta R.T. -0.013 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:154 Resp: 5698
Ion Ratio Lower Upper
154 100
153 45.2 90.9 136.3#
152 50.1 45.0 67.4

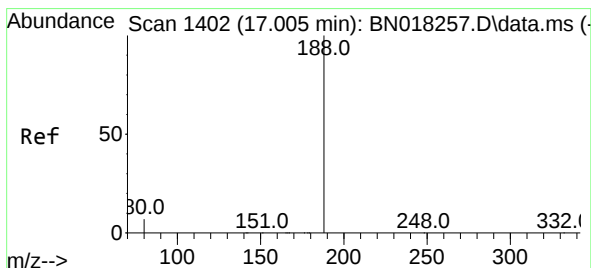
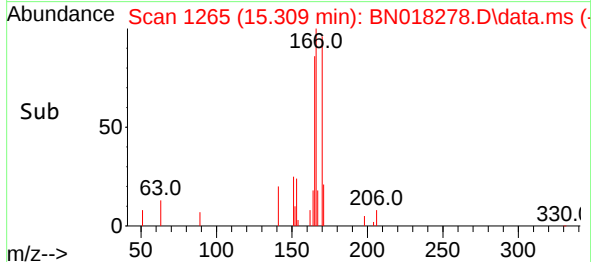
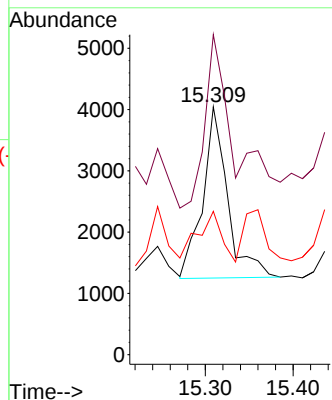
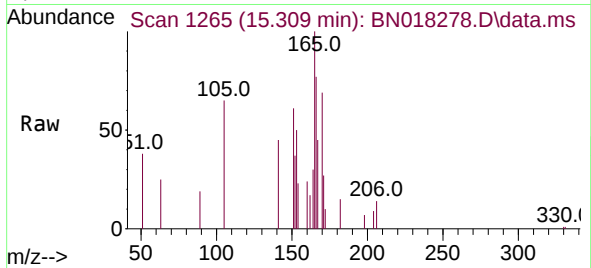




#18
 Fluorene
 Concen: 0.027 ng
 RT: 15.309 min Scan# 1265
 Delta R.T. 0.000 min
 Lab File: BN018278.D
 Acq: 30 Dec 2021 02:38

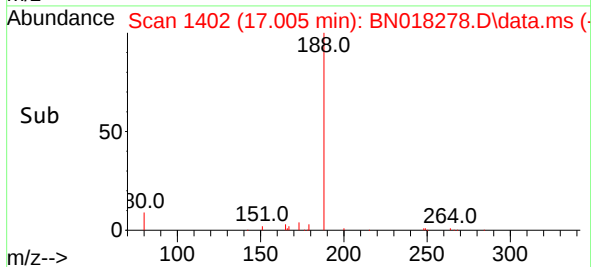
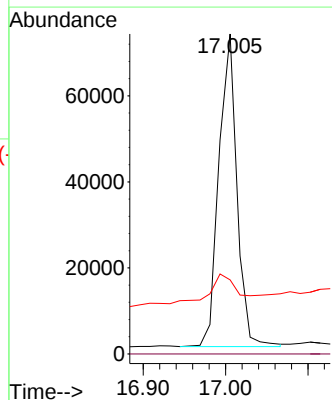
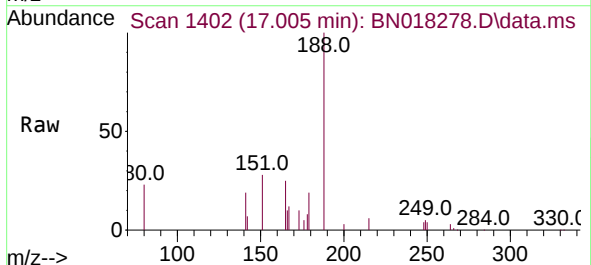
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-06

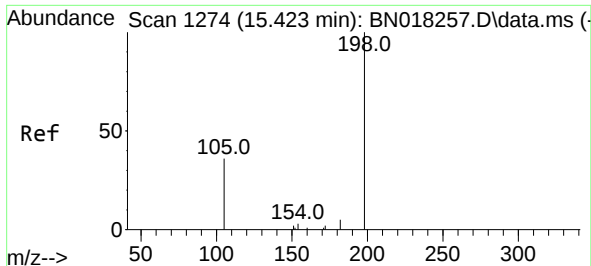
Tgt Ion:166 Resp: 5501
 Ion Ratio Lower Upper
 166 100
 165 123.8 77.8 116.6#
 167 33.3 10.9 16.3#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.005 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: BN018278.D
 Acq: 30 Dec 2021 02:38

Tgt Ion:188 Resp: 110990
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 23.1 7.0 10.4#

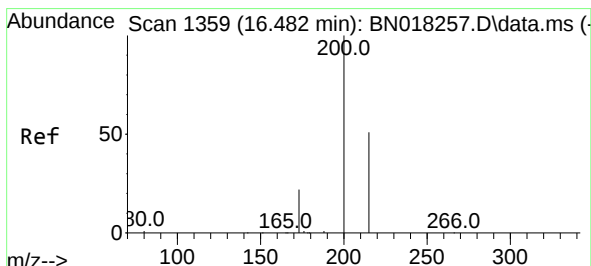
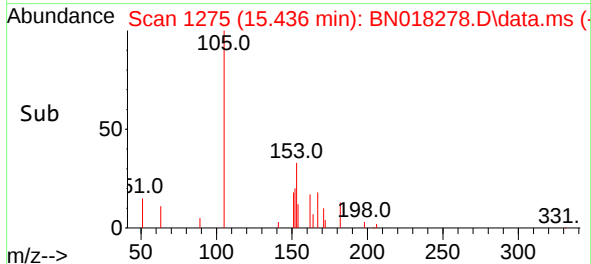
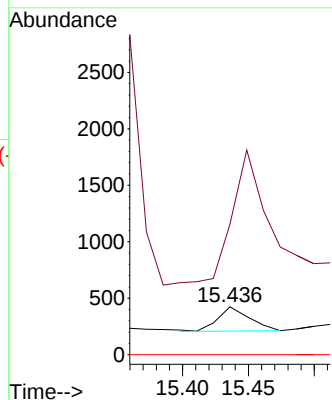
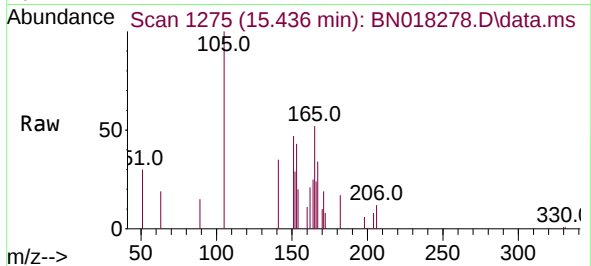




#20
4,6-Dinitro-2-methylphenol
Concen: 0.358 ng
RT: 15.436 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

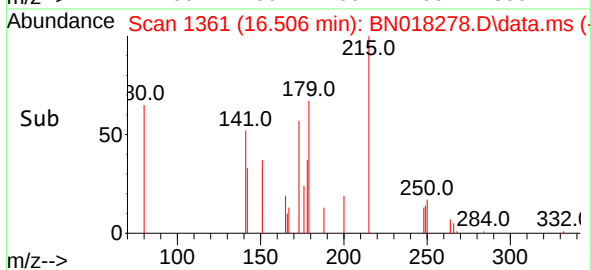
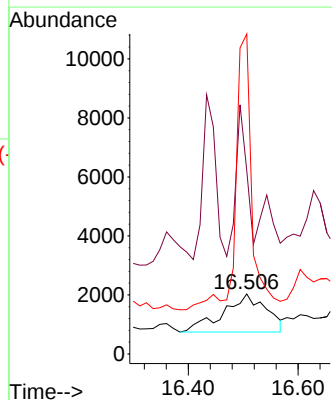
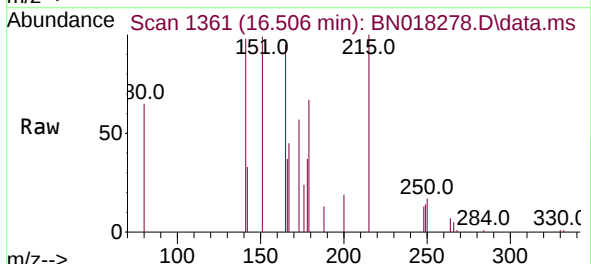
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OB-CS-06

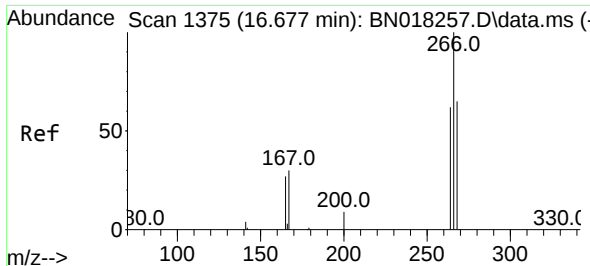
Tgt Ion:198 Resp: 359
Ion Ratio Lower Upper
198 100
182 272.9 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.260 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.024 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:200 Resp: 6989
Ion Ratio Lower Upper
200 100
173 305.4 20.3 30.5#
215 533.2 40.4 60.6#

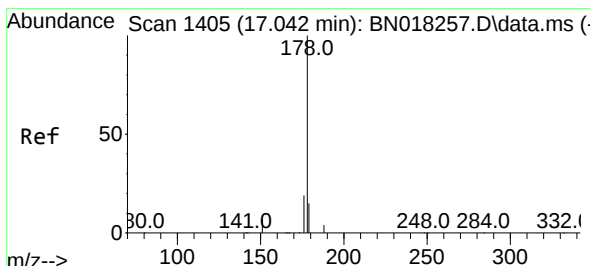
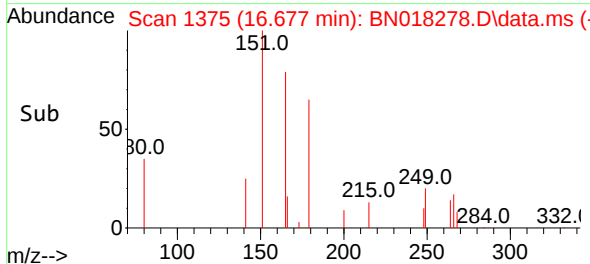
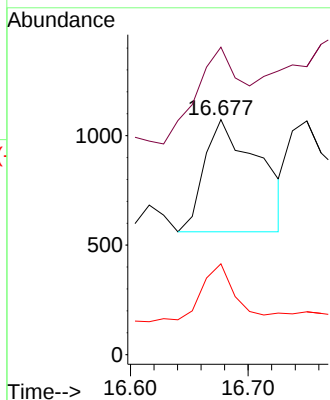
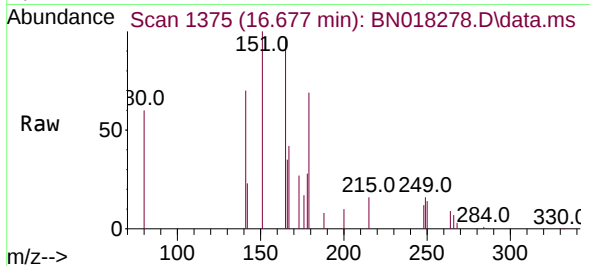




#24
Pentachlorophenol
Concen: 0.334 ng
RT: 16.677 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

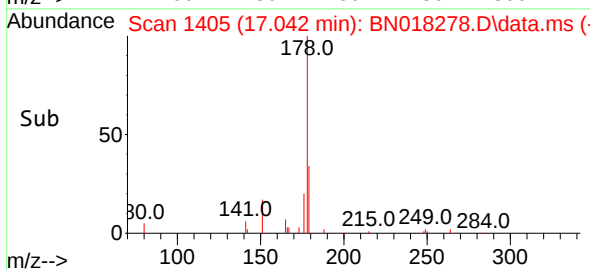
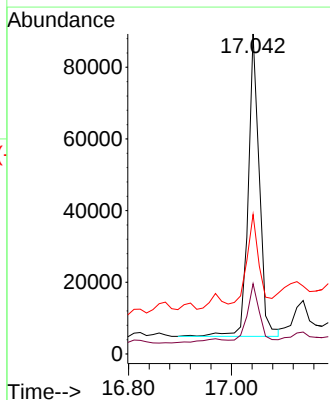
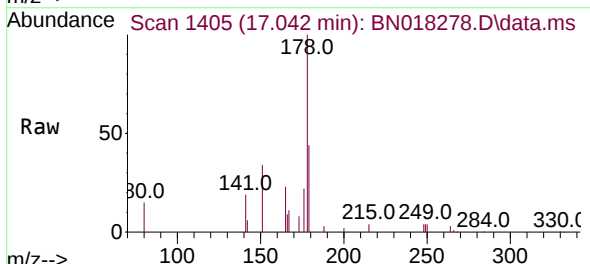
Instrument :
BNA_N
ClientSampleId :
OB-CS-06

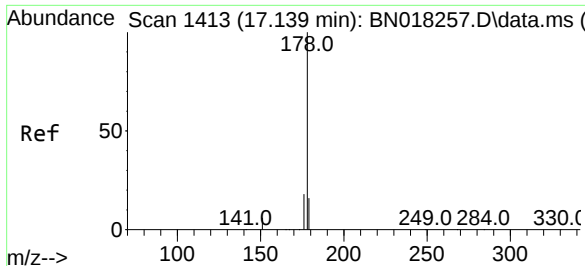
Tgt Ion:266 Resp: 1644
Ion Ratio Lower Upper
266 100
264 69.1 49.5 74.3
268 32.5 50.6 76.0#



#25
Phenanthrene
Concen: 0.435 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:178 Resp: 127394
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 30.8 12.3 18.5#

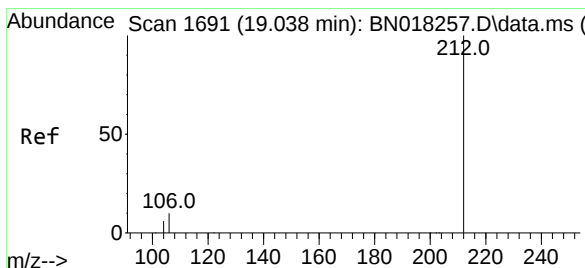
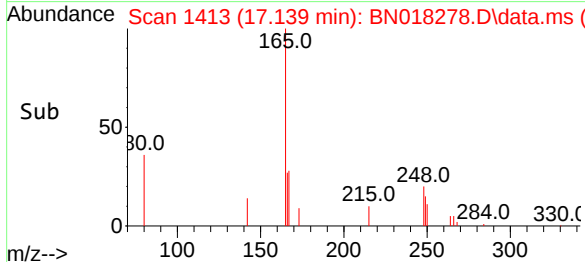
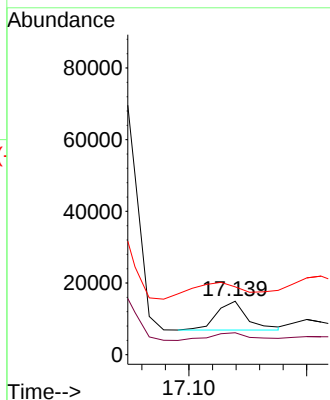
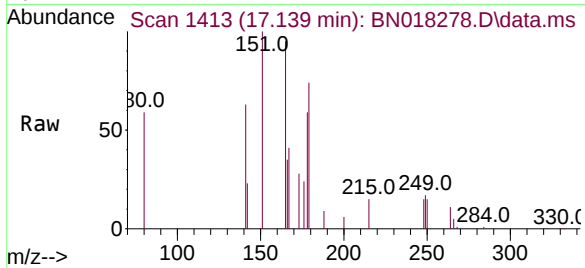




#26
 Anthracene
 Concen: 0.097 ng
 RT: 17.139 min Scan# 1413
 Delta R.T. 0.000 min
 Lab File: BN018278.D
 Acq: 30 Dec 2021 02:38

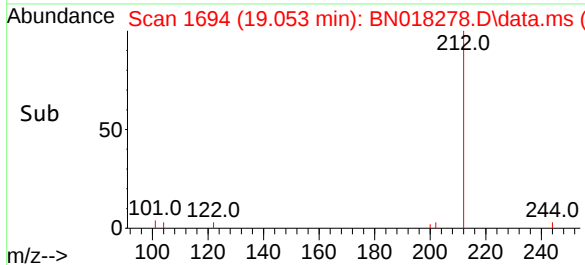
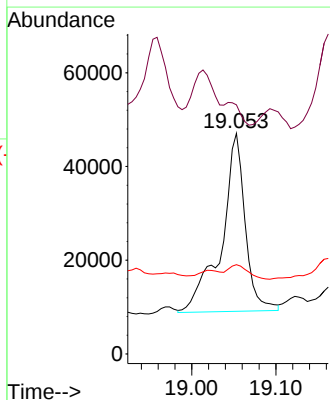
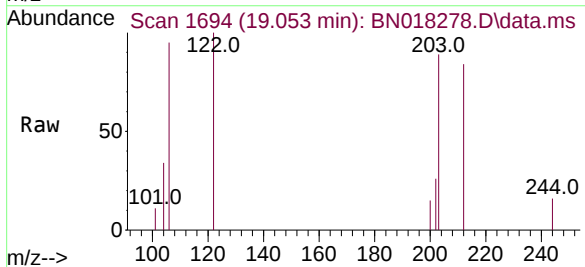
Instrument :
 BNA_N
 ClientSampleId :
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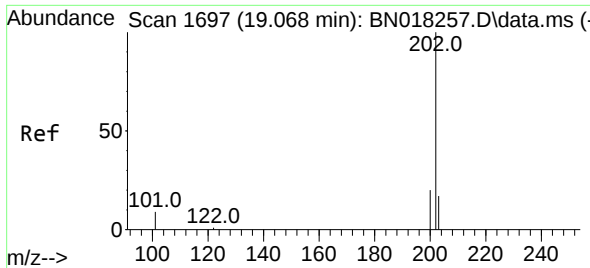
Tgt Ion:178 Resp: 14493
 Ion Ratio Lower Upper
 178 100
 176 37.3 14.8 22.2#
 179 94.1 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.211 ng
 RT: 19.053 min Scan# 1694
 Delta R.T. 0.015 min
 Lab File: BN018278.D
 Acq: 30 Dec 2021 02:38

Tgt Ion:212 Resp: 74647
 Ion Ratio Lower Upper
 212 100
 106 0.0 8.4 12.6#
 104 6.4 4.5 6.7

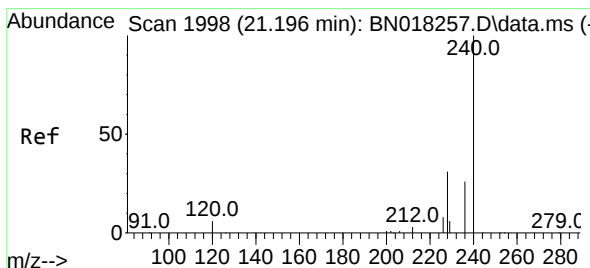
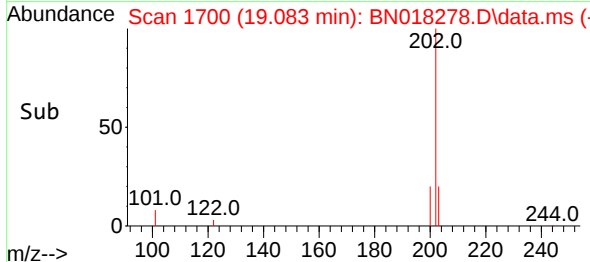
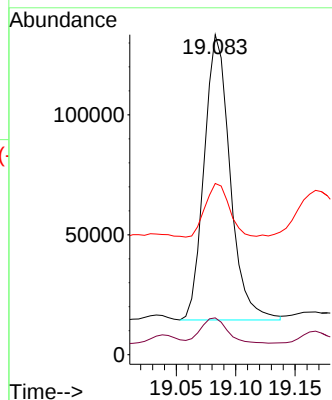
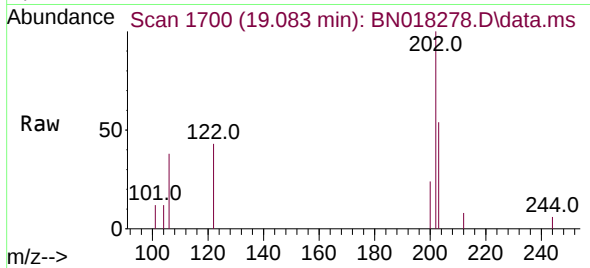




#28
Fluoranthene
Concen: 0.528 ng
RT: 19.083 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

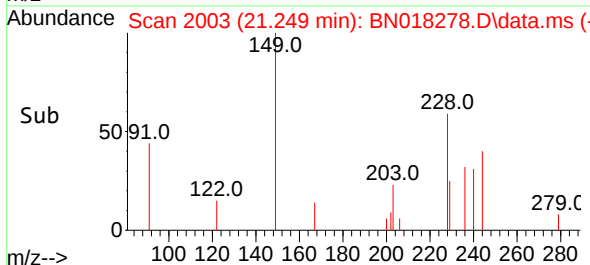
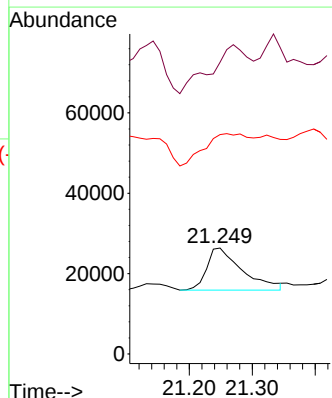
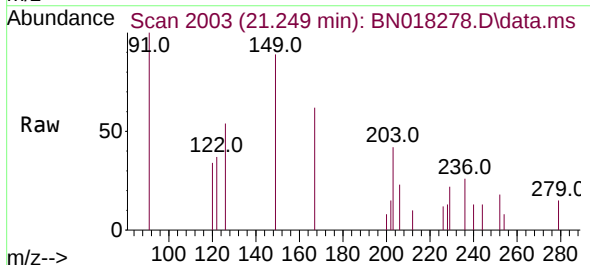
Instrument :
BNA_N
ClientSampleId :
OB-CS-06

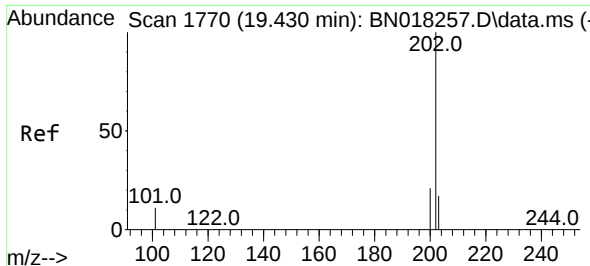
Tgt Ion:202 Resp: 180891
Ion Ratio Lower Upper
202 100
101 8.9 7.2 10.8
203 17.4 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.053 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:240 Resp: 41187
Ion Ratio Lower Upper
240 100
120 275.2 6.0 9.0#
236 206.9 21.4 32.2#

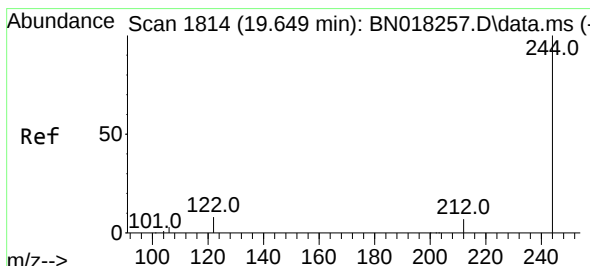
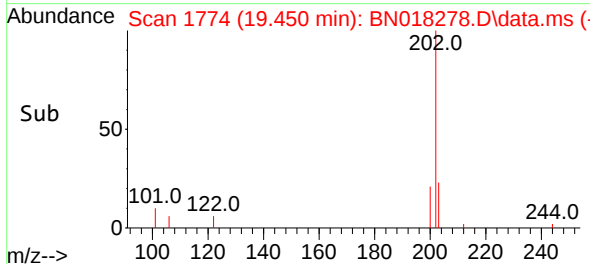
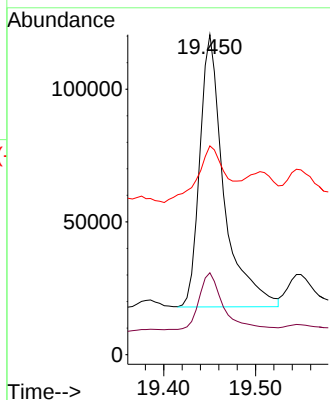
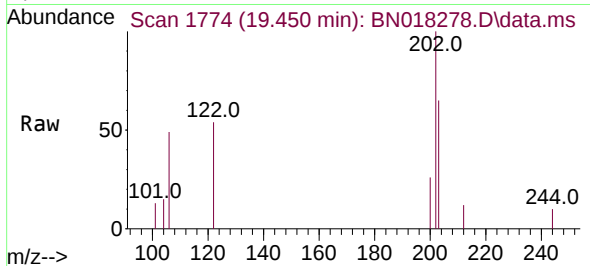




#30
Pyrene
Concen: 1.164 ng
RT: 19.450 min Scan# 11
Delta R.T. 0.020 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

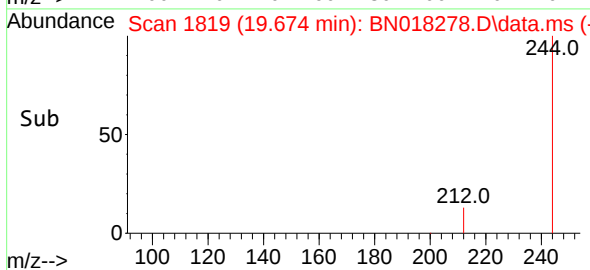
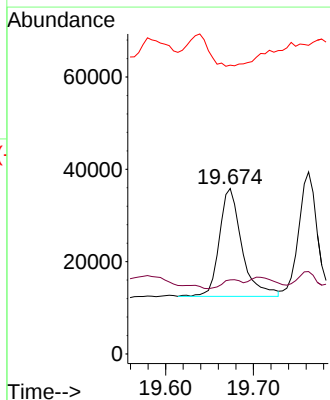
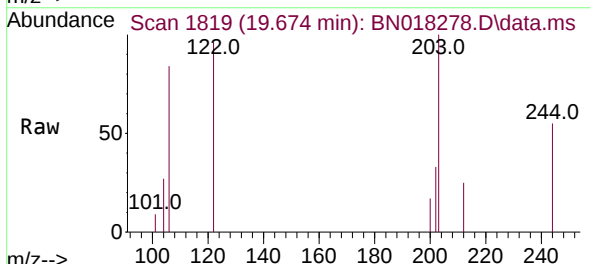
Instrument :
BNA_N
ClientSampleId :
OB-CS-06

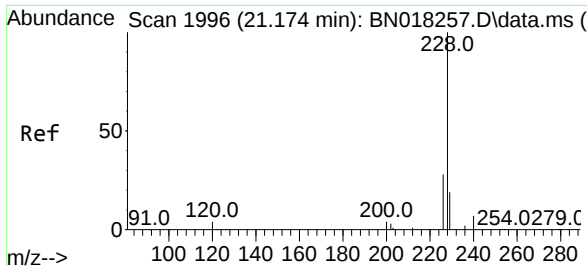
Tgt Ion:202 Resp: 188009
Ion Ratio Lower Upper
202 100
200 21.4 16.6 25.0
203 24.0 14.1 21.1#



#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.674 min Scan# 1819
Delta R.T. 0.025 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:244 Resp: 41640
Ion Ratio Lower Upper
244 100
212 44.8 6.2 9.2#
122 174.6 7.9 11.9#

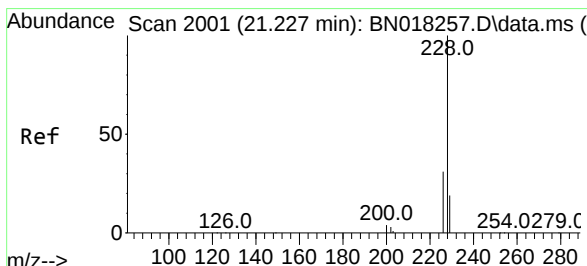
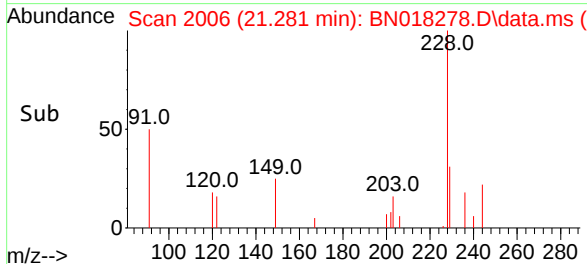
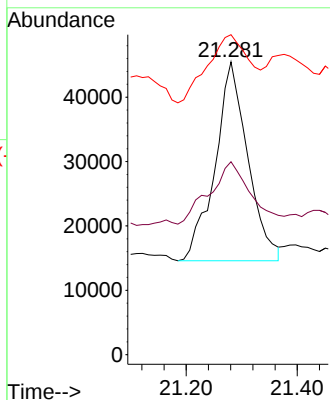
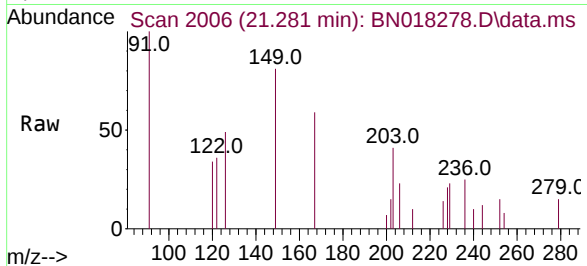




#32
Benzo(a)anthracene
Concen: 1.006 ng
RT: 21.281 min Scan# 2006
Delta R.T. 0.107 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

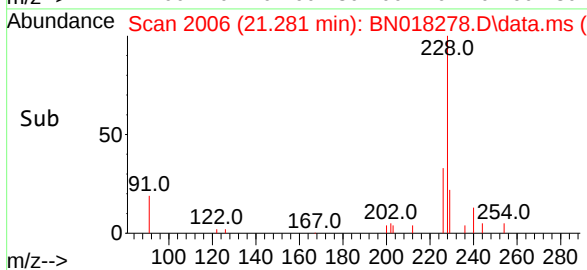
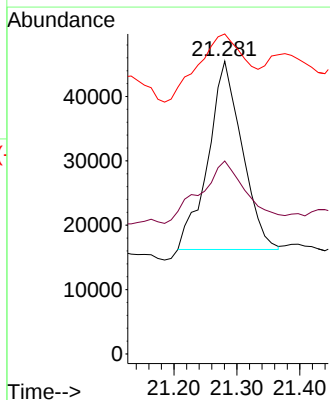
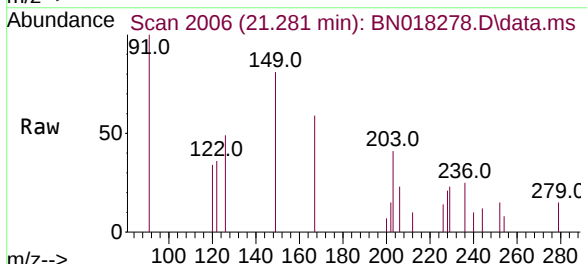
Instrument :
BNA_N
ClientSampleId :
OB-CS-06

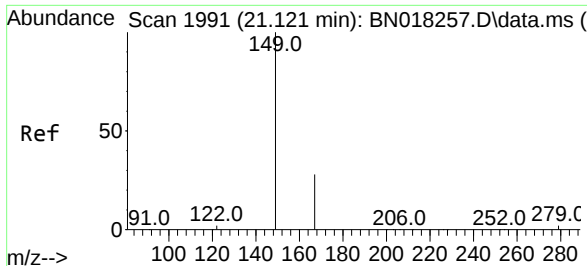
Tgt Ion:228 Resp: 126422
Ion Ratio Lower Upper
228 100
226 65.9 21.3 31.9#
229 109.3 15.9 23.9#



#33
Chrysene
Concen: 0.827 ng
RT: 21.281 min Scan# 2006
Delta R.T. 0.053 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:228 Resp: 109591
Ion Ratio Lower Upper
228 100
226 65.9 24.2 36.4#
229 109.3 15.5 23.3#

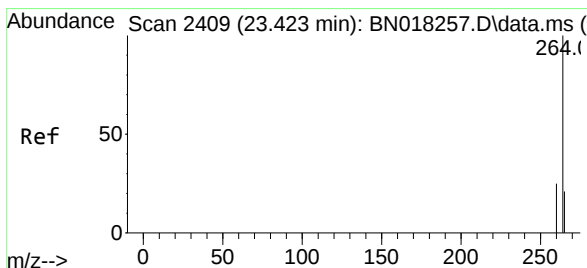
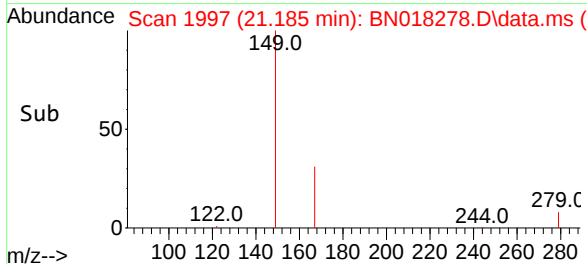
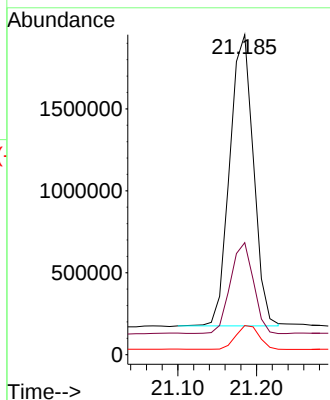
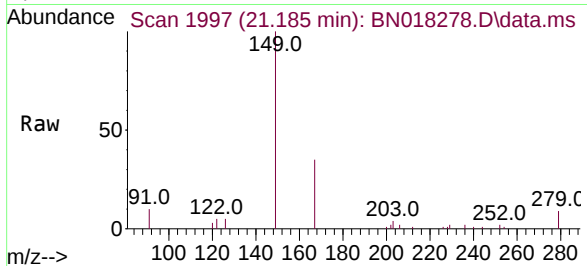




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 72.445 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. 0.064 min
 Lab File: BN018278.D
 Acq: 30 Dec 2021 02:38

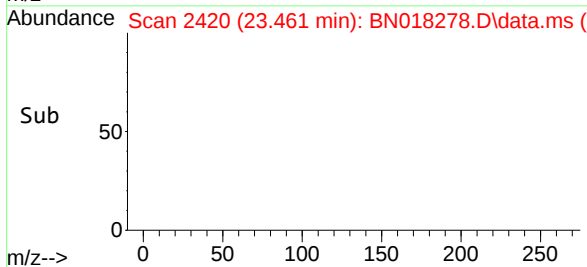
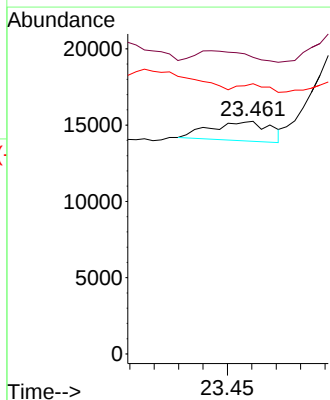
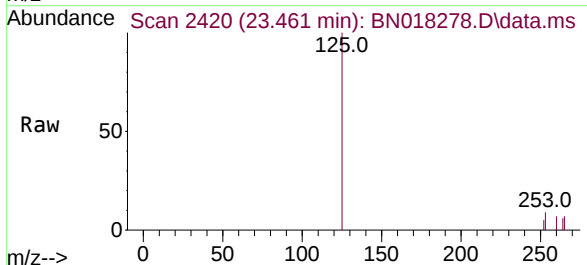
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-06

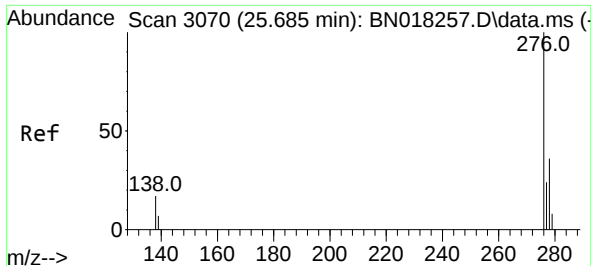
Tgt Ion:149 Resp: 3724479
 Ion Ratio Lower Upper
 149 100
 167 30.5 23.7 35.5
 279 8.0 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.461 min Scan# 2420
 Delta R.T. 0.038 min
 Lab File: BN018278.D
 Acq: 30 Dec 2021 02:38

Tgt Ion:264 Resp: 2106
 Ion Ratio Lower Upper
 264 100
 260 127.5 20.2 30.4#
 265 116.1 18.2 27.2#

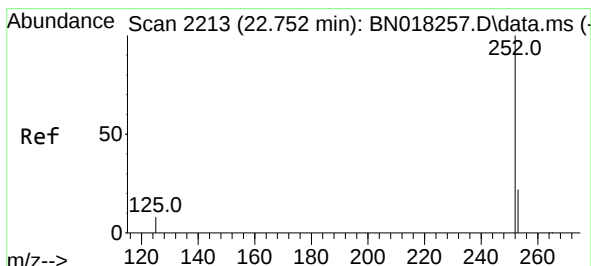
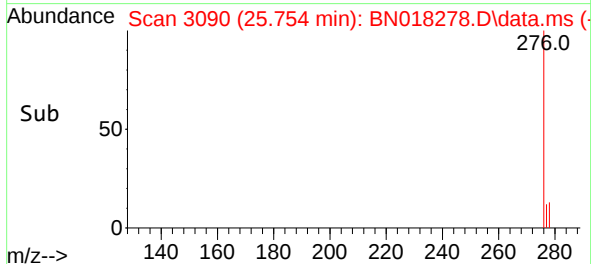
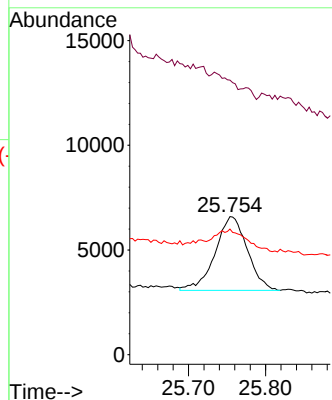
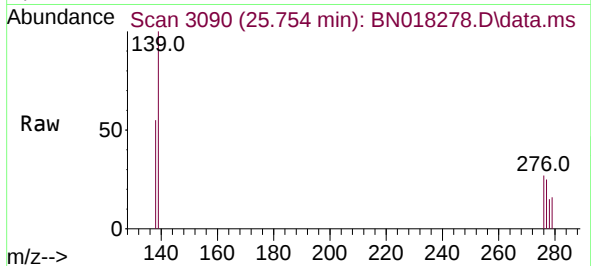




#36
Indeno(1,2,3-cd)pyrene
Concen: 2.030 ng
RT: 25.754 min Scan# 3070
Delta R.T. 0.068 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

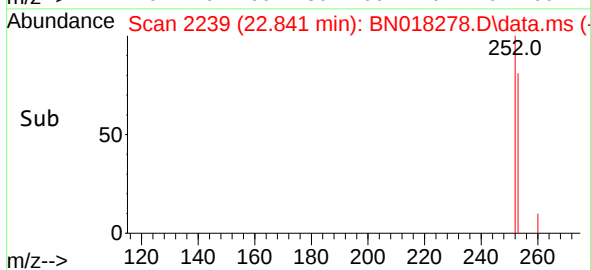
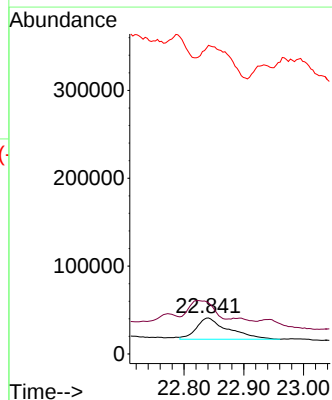
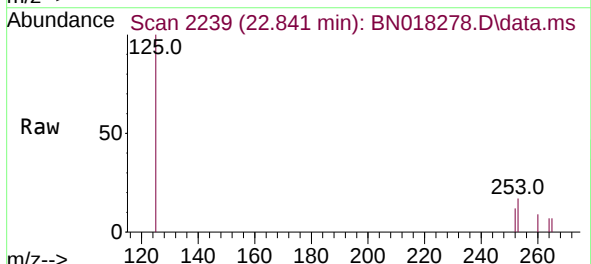
Instrument :
BNA_N
ClientSampleId :
OB-CS-06

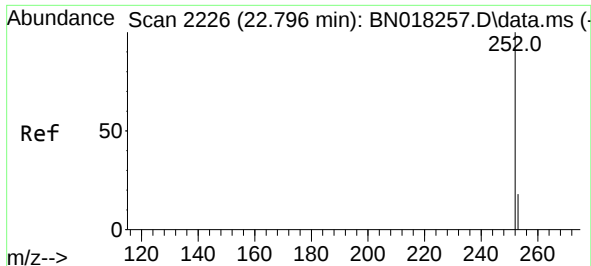
Tgt Ion:276 Resp: 10207
Ion Ratio Lower Upper
276 100
138 0.0 14.9 22.3#
277 29.4 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 13.497 ng
RT: 22.841 min Scan# 2239
Delta R.T. 0.089 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

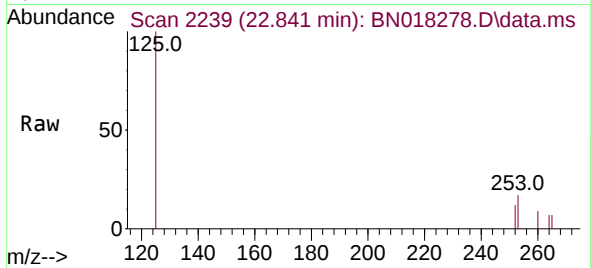
Tgt Ion:252 Resp: 90329
Ion Ratio Lower Upper
252 100
253 141.9 17.8 26.6#
125 858.0 6.0 9.0#



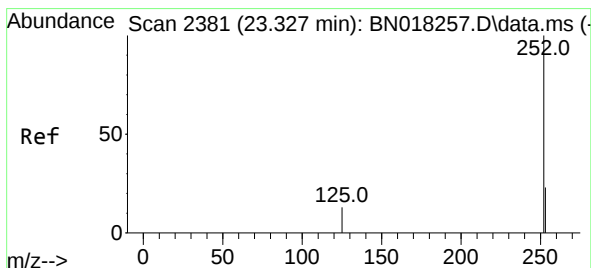
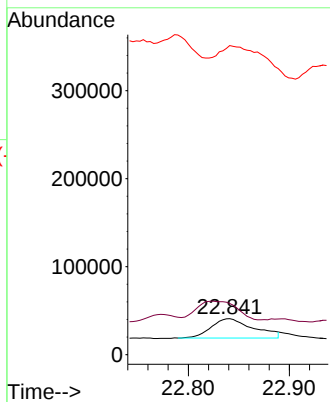
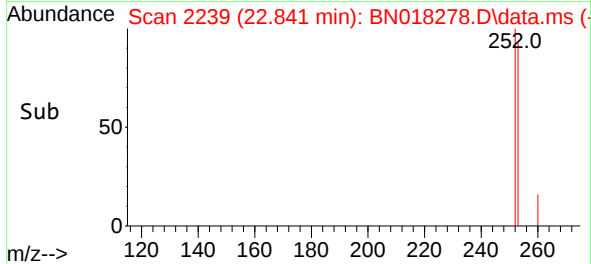


#38
Benzo(k)fluoranthene
Concen: 10.171 ng
RT: 22.841 min Scan# 21
Delta R.T. 0.045 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :
OB-CS-06

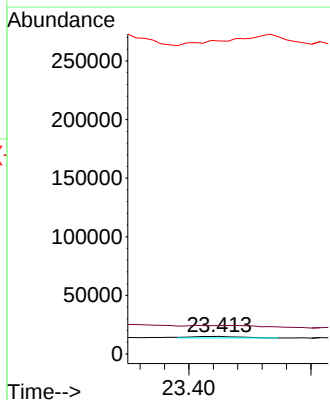
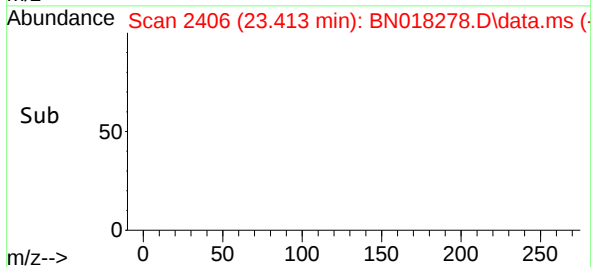
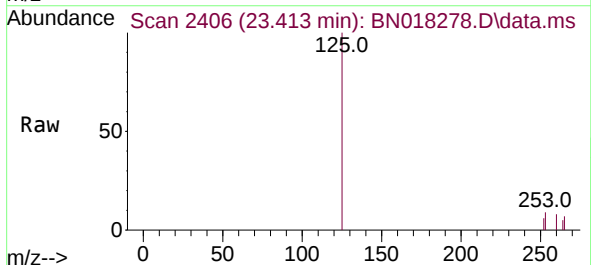


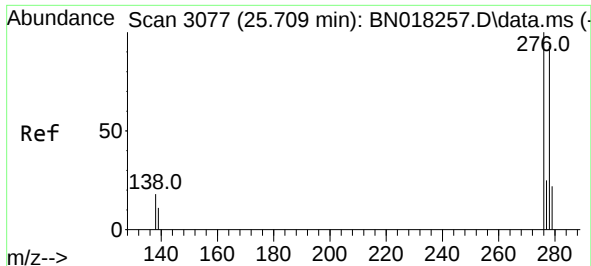
Tgt Ion:252 Resp: 64446
Ion Ratio Lower Upper
252 100
253 141.9 17.7 26.5#
125 858.0 6.2 9.2#



#39
Benzo(a)pyrene
Concen: 0.307 ng
RT: 23.413 min Scan# 2406
Delta R.T. 0.086 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:252 Resp: 1787
Ion Ratio Lower Upper
252 100
253 161.5 17.8 26.6#
125 1783.4 7.0 10.4#

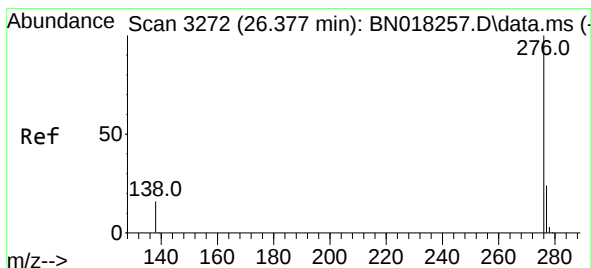
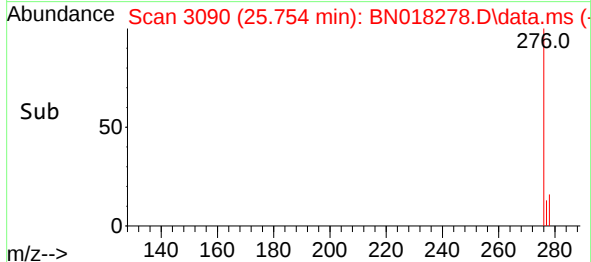
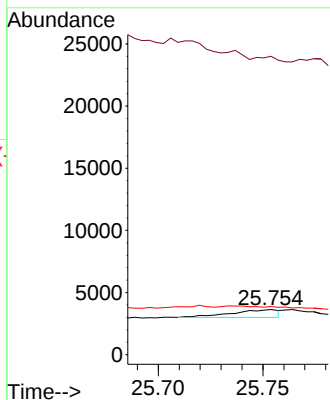
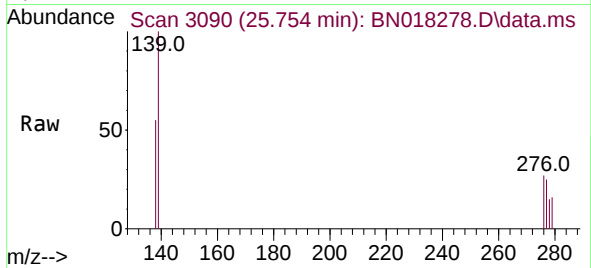




#40
Dibenzo(a,h)anthracene
Concen: 0.269 ng
RT: 25.754 min Scan# 3077
Delta R.T. 0.044 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :
OB-CS-06

Tgt Ion:278 Resp: 965
Ion Ratio Lower Upper
278 100
139 660.8 10.8 16.2#
279 106.8 19.0 28.4#



#41
Benzo(g,h,i)perylene
Concen: 3.243 ng
RT: 26.445 min Scan# 3292
Delta R.T. 0.068 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:276 Resp: 16273
Ion Ratio Lower Upper
276 100
277 66.8 19.0 28.6#
138 119.9 12.6 19.0#

