

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
 Data File : BN018198.D
 Acq On : 24 Dec 2021 02:49
 Operator : CG/JU
 Sample : M5107-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-07

Quant Time: Dec 24 23:33:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 23 14:22:48 2021
 Response via : Initial Calibration

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

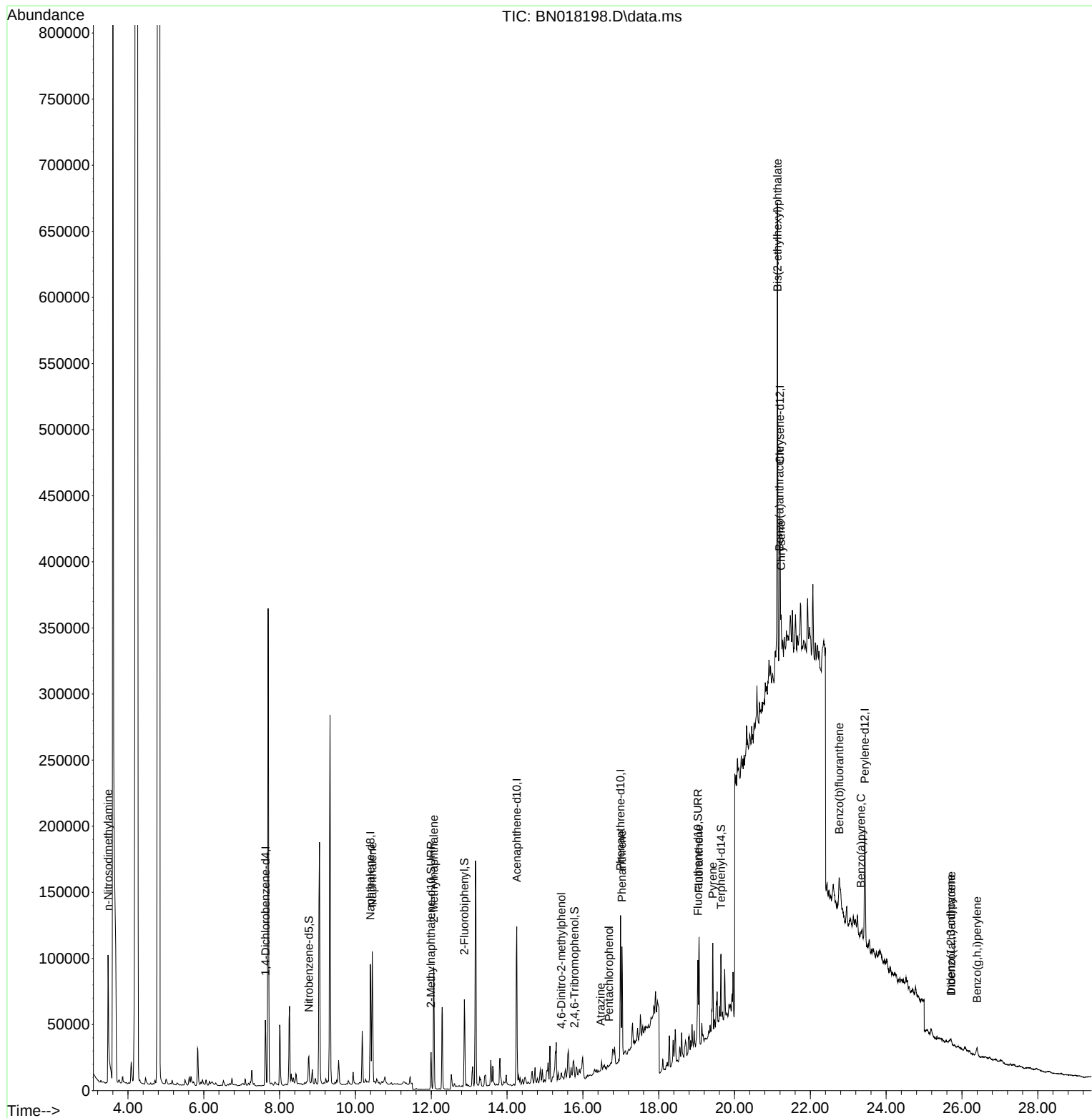
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	25320	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	110492	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	72433	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	143463	0.400	ng	0.00
29) Chrysene-d12	21.195	240	95836	0.400	ng	# 0.00
35) Perylene-d12	23.436	264	116001	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	59	0.001	ng	0.03
5) Phenol-d6	6.831	99	142	0.002	ng	0.02
8) Nitrobenzene-d5	8.771	82	18748	0.252	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	37722	0.199	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	115	0.183	ng	0.03
15) 2-Fluorobiphenyl	12.873	172	56527	0.209	ng	-0.01
27) Fluoranthene-d10	19.033	212	80482	0.177	ng	0.00
31) Terphenyl-d14	19.643	244	57121	0.271	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.474	42	29861	1.349	ng	# 1
9) Naphthalene	10.444	128	123297	0.452	ng	99
12) 2-Methylnaphthalene	12.065	142	66220	0.368	ng	98
20) 4,6-Dinitro-2-methylph...	15.436	198	60	0.164	ng	# 1
23) Atrazine	16.470	200	139	0.104	ng	# 1
24) Pentachlorophenol	16.689	266	285	0.299	ng	# 19
25) Phenanthrene	17.029	178	92182	0.242	ng	97
28) Fluoranthene	19.063	202	75696	0.170	ng	97
30) Pyrene	19.425	202	59673	0.194	ng	98
32) Benzo(a)anthracene	21.185	228	14522	0.052	ng	# 1
33) Chrysene	21.227	228	35276	0.116	ng	# 47
34) Bis(2-ethylhexyl)phtha...	21.131	149	321181	2.329	ng	96
36) Indeno(1,2,3-cd)pyrene	25.706	276	7961	0.024	ng	# 82
37) Benzo(b)fluoranthene	22.765	252	34771	0.097	ng	# 1
39) Benzo(a)pyrene	23.337	252	7482	0.023	ng	# 1
40) Dibenzo(a,h)anthracene	25.716	278	2450	0.038	ng	# 1
41) Benzo(g,h,i)perylene	26.397	276	12175	0.039	ng	# 1

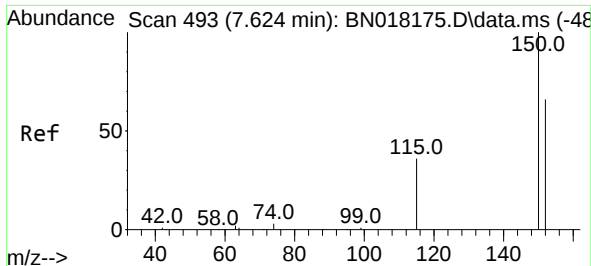
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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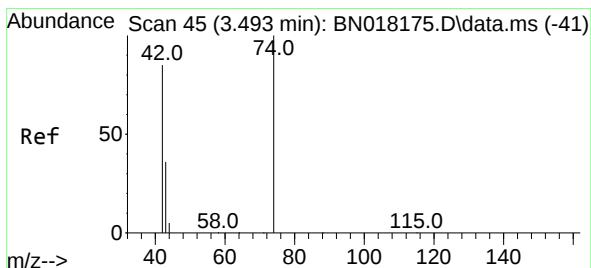
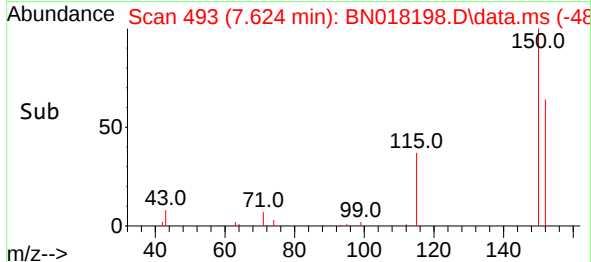
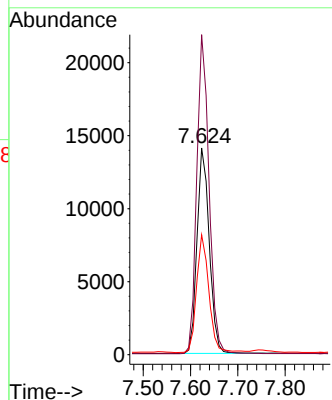
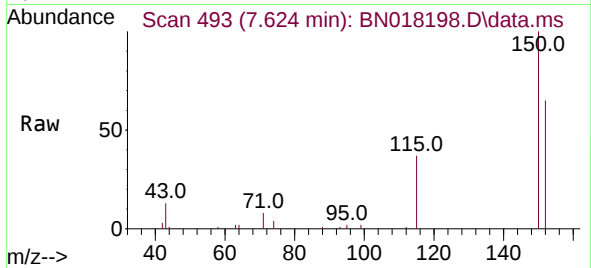




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

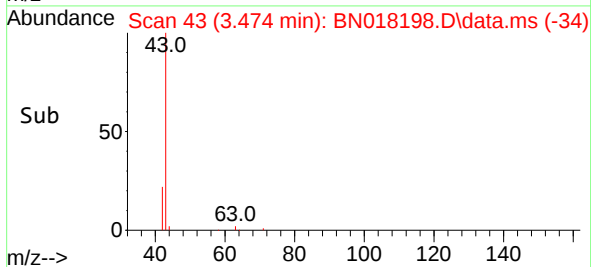
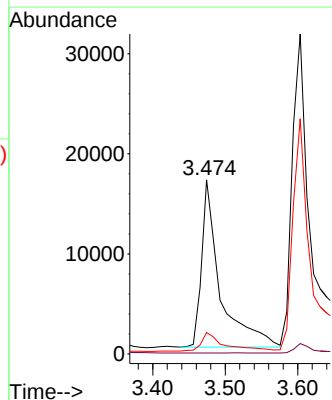
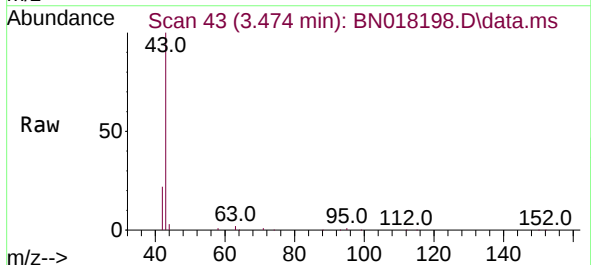
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

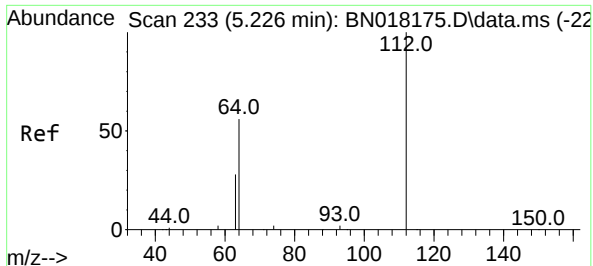
Tgt Ion:152 Resp: 25320
Ion Ratio Lower Upper
152 100
150 154.8 121.7 182.5
115 58.0 43.8 65.8



#3
n-Nitrosodimethylamine
Concen: 1.349 ng
RT: 3.474 min Scan# 43
Delta R.T. -0.019 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

Tgt Ion: 42 Resp: 29861
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 13.6 5.8 8.8#

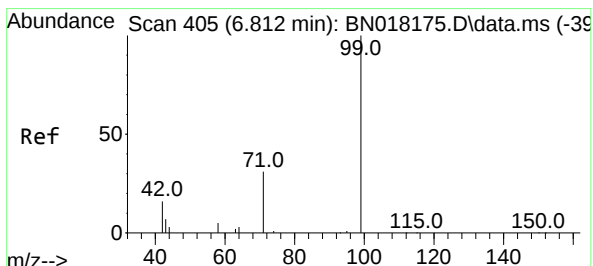
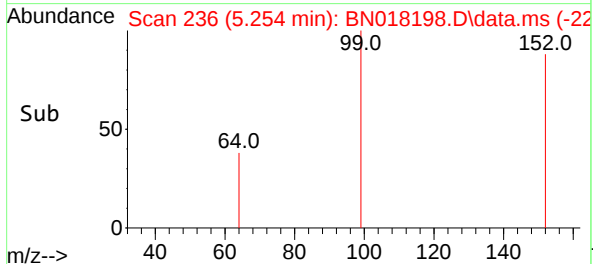
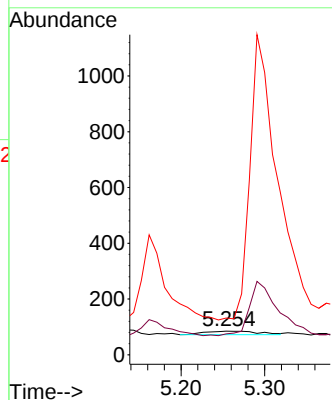
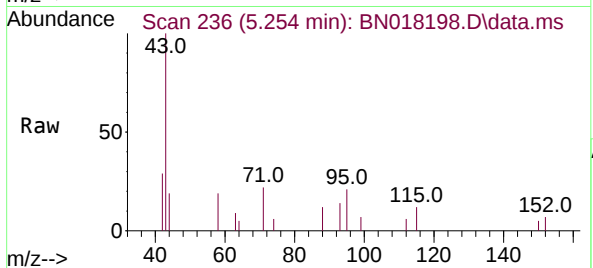




#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.254 min Scan# 21
Delta R.T. 0.028 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

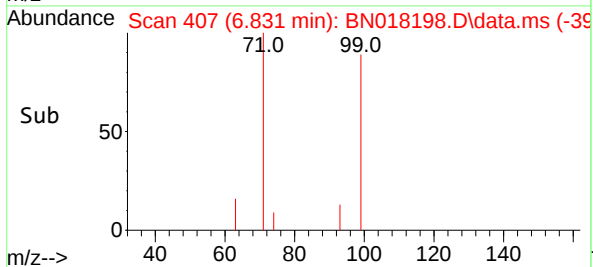
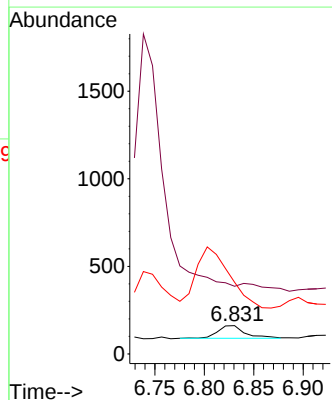
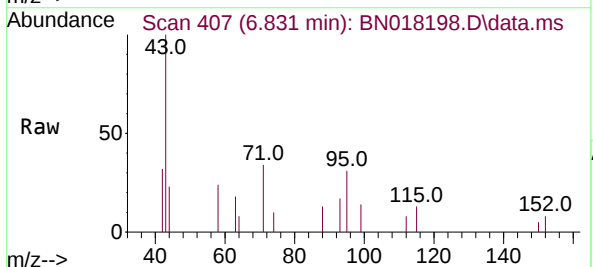
Instrument :
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ClientSampleId :
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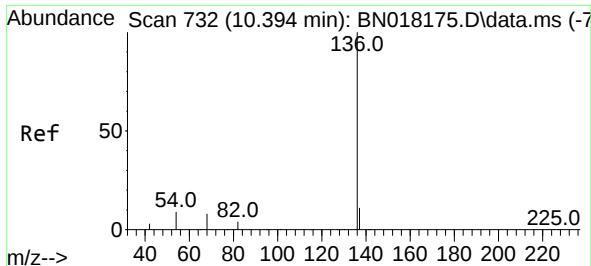
Tgt Ion:112 Resp: 59
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#



#5
Phenol-d6
Concen: 0.002 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.019 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

Tgt Ion: 99 Resp: 142
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 0.0 26.8 40.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

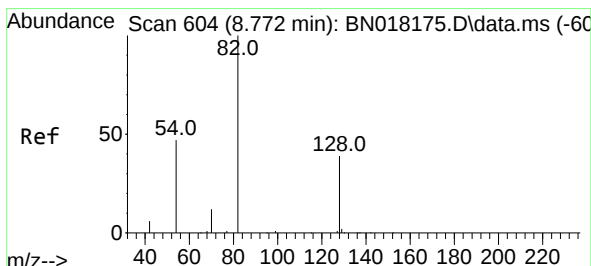
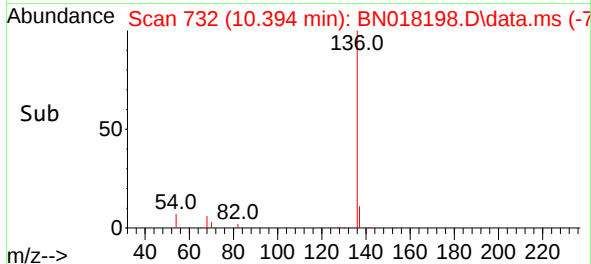
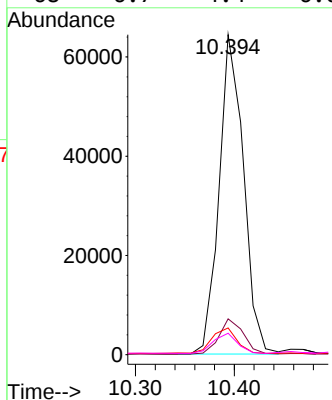
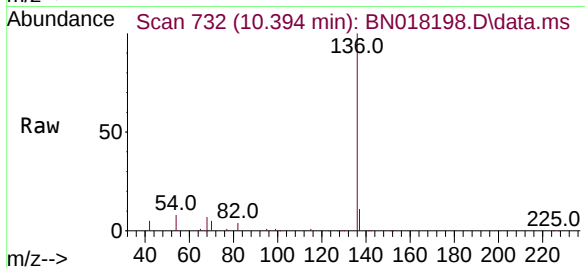
Instrument :

BNA_N

ClientSampleId :

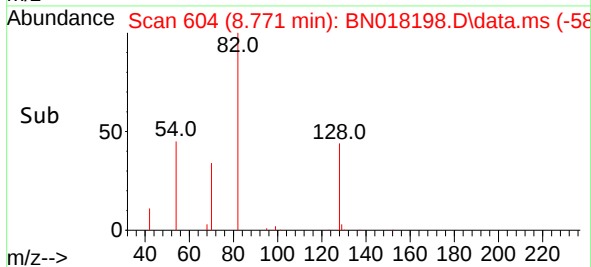
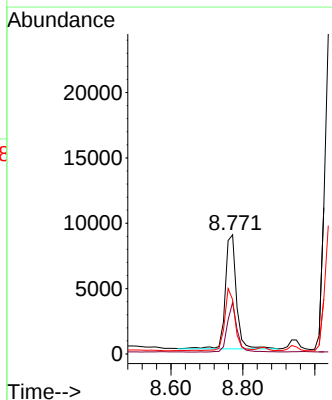
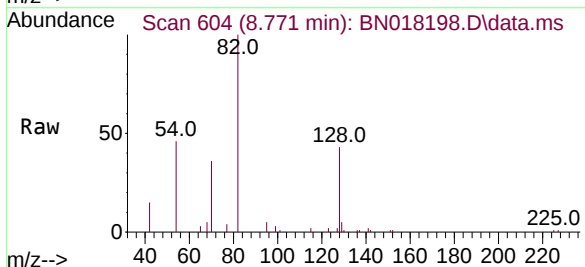
OB-CS-07

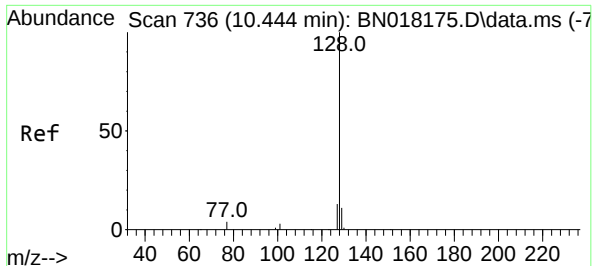
Tgt Ion:136 Resp: 110492
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 5.0 7.6#
68 6.7 4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 8.771 min Scan# 604
Delta R.T. -0.001 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

Tgt Ion: 82 Resp: 18748
Ion Ratio Lower Upper
82 100
128 43.2 33.7 50.5
54 45.6 36.6 55.0

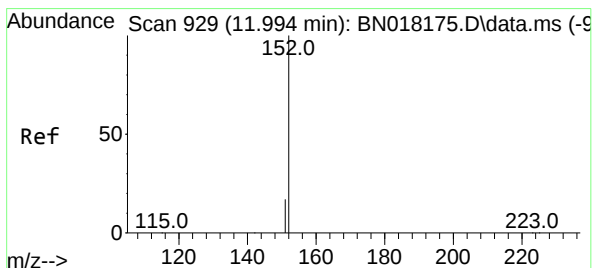
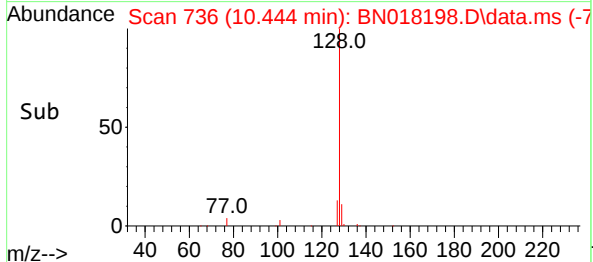
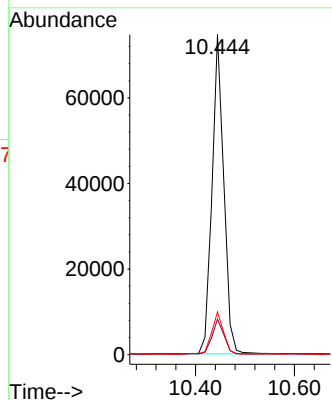
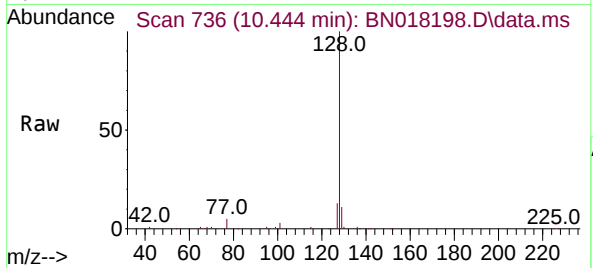




#9
Naphthalene
Concen: 0.452 ng
RT: 10.444 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

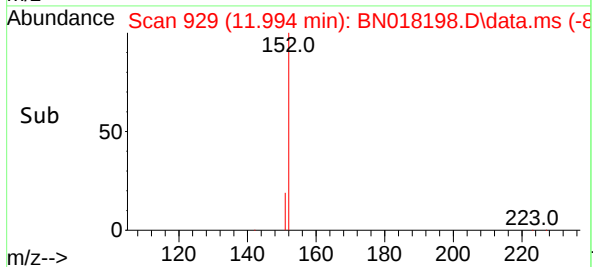
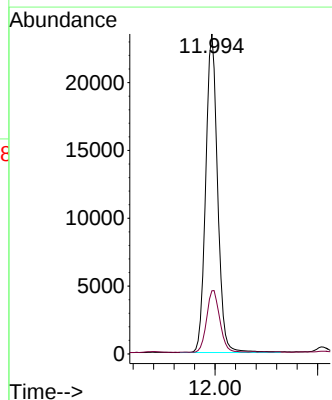
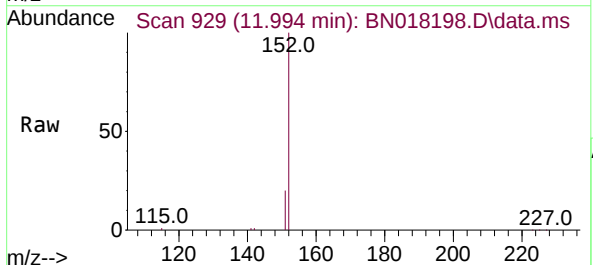
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

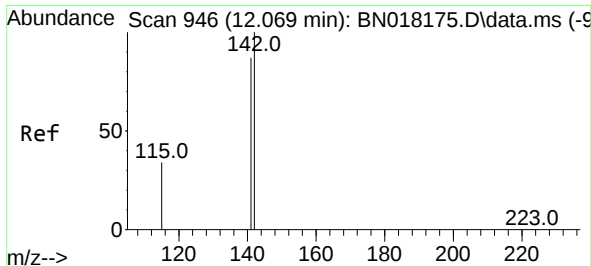
Tgt Ion:128 Resp: 123297
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.199 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

Tgt Ion:152 Resp: 37722
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2





#12

2-Methylnaphthalene

Concen: 0.368 ng

RT: 12.065 min Scan# 946

Delta R.T. -0.004 min

Lab File: BN018198.D

Acq: 24 Dec 2021 02:49

Instrument :

BNA_N

ClientSampleId :

OB-CS-07

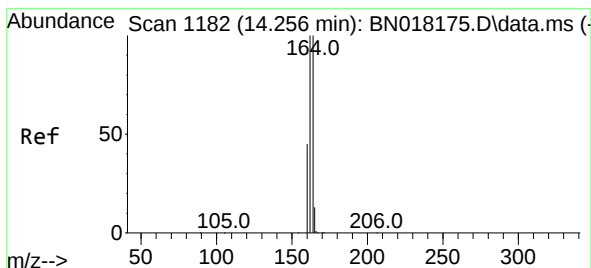
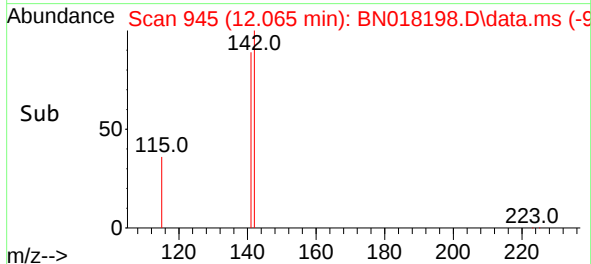
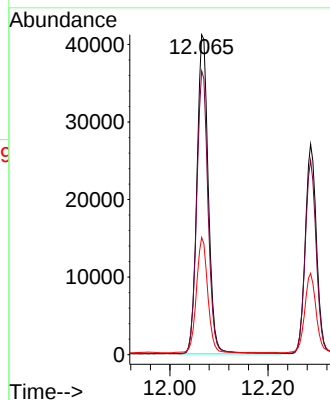
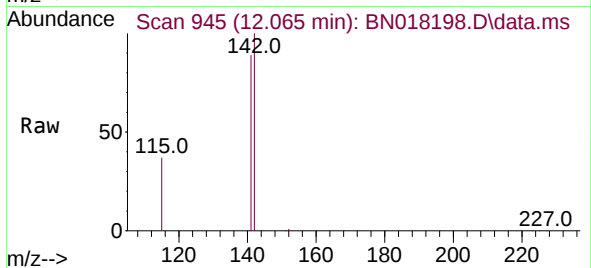
Tgt Ion:142 Resp: 66220

Ion Ratio Lower Upper

142 100

141 88.7 70.0 105.0

115 36.6 27.8 41.8



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.256 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BN018198.D

Acq: 24 Dec 2021 02:49

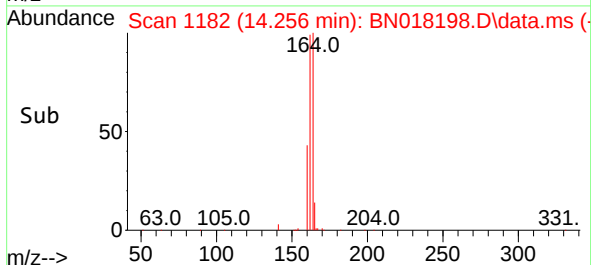
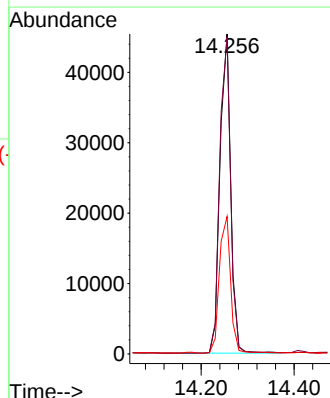
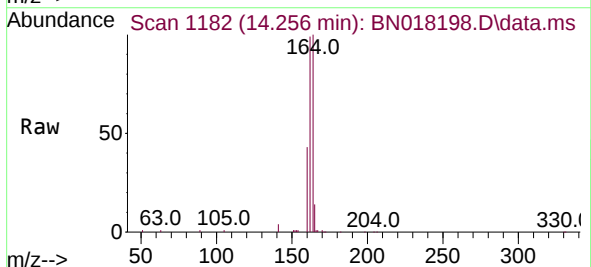
Tgt Ion:164 Resp: 72433

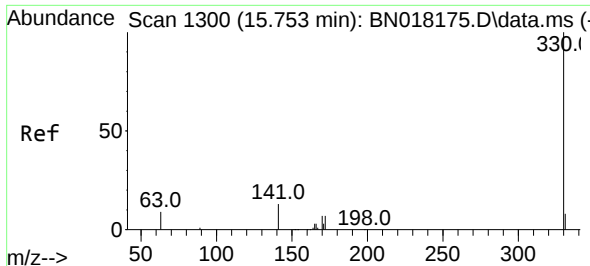
Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.2

160 43.0 36.9 55.3

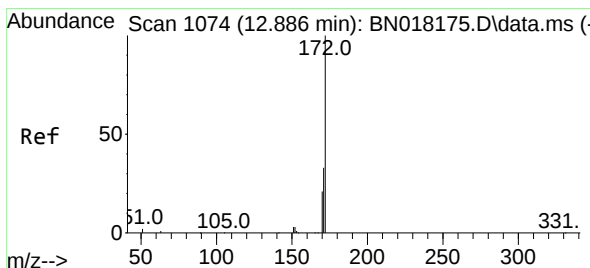
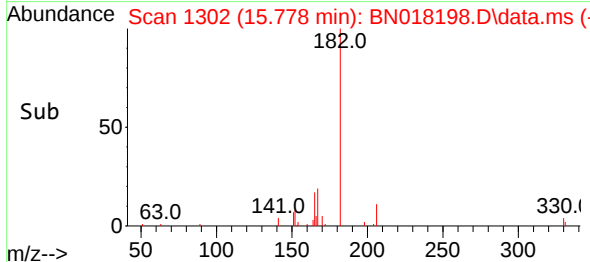
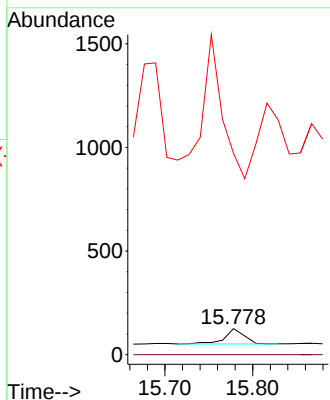
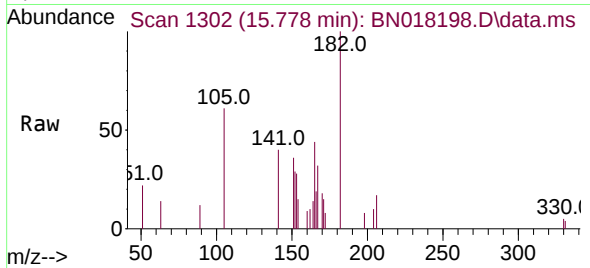




#14
 2,4,6-Tribromophenol
 Concen: 0.183 ng
 RT: 15.778 min Scan# 1115
 Delta R.T. 0.025 min
 Lab File: BN018198.D
 Acq: 24 Dec 2021 02:49

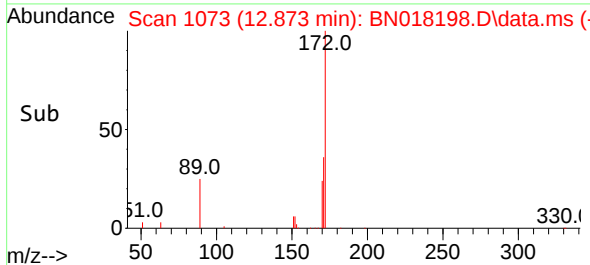
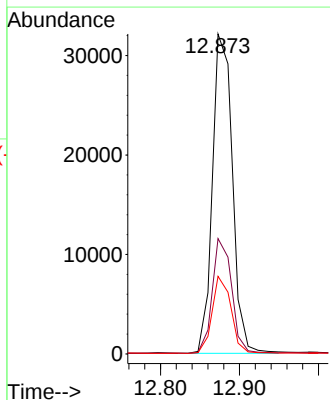
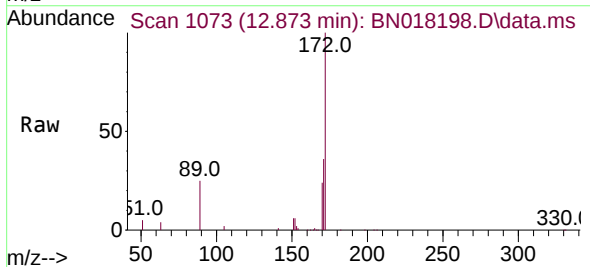
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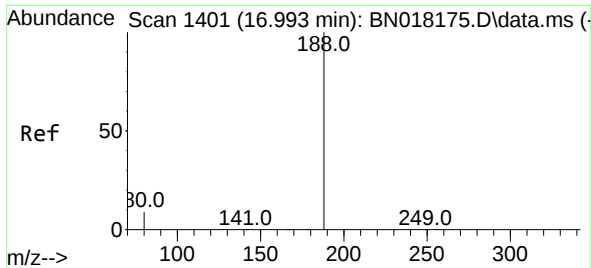
Tgt Ion: 330 Resp: 115
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 0.0 21.3 31.9#



#15
 2-Fluorobiphenyl
 Concen: 0.209 ng
 RT: 12.873 min Scan# 1073
 Delta R.T. -0.013 min
 Lab File: BN018198.D
 Acq: 24 Dec 2021 02:49

Tgt Ion: 172 Resp: 56527
 Ion Ratio Lower Upper
 172 100
 171 36.1 27.4 41.0
 170 24.3 18.4 27.6

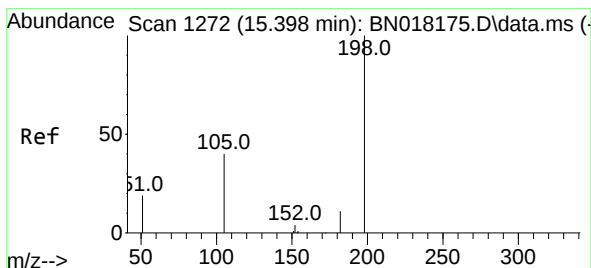
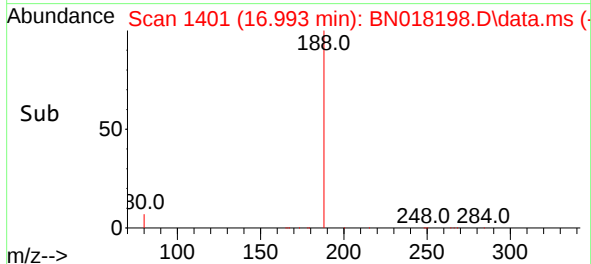
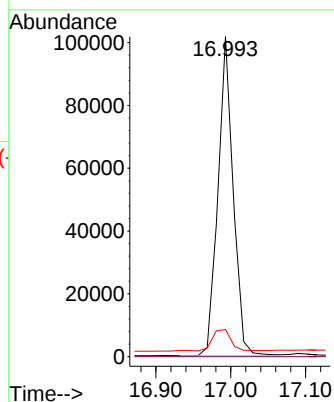
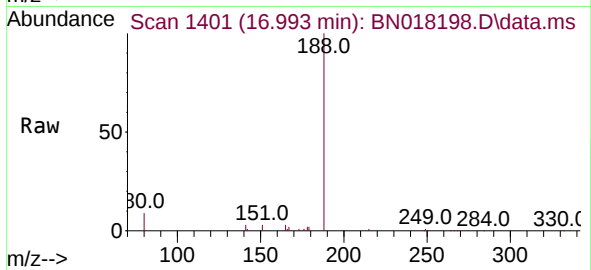




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

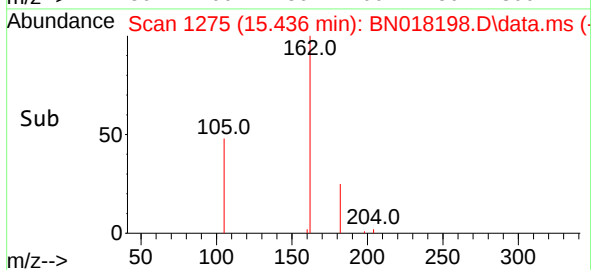
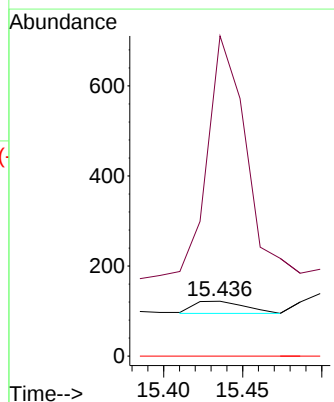
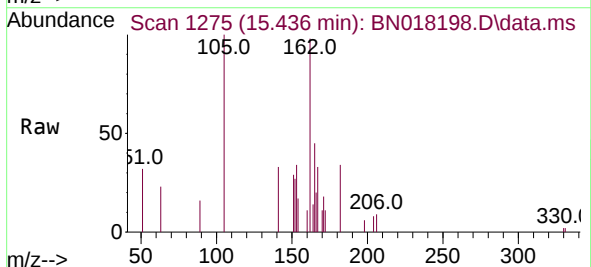
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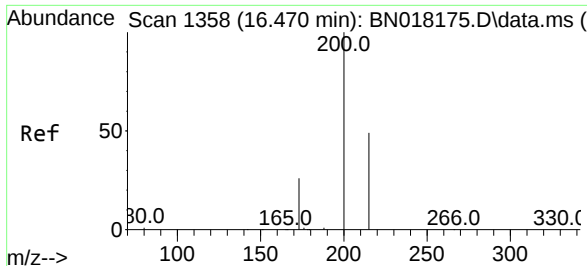
Tgt Ion:188 Resp: 143463
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.164 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.038 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

Tgt Ion:198 Resp: 60
Ion Ratio Lower Upper
198 100
182 582.8 15.5 23.3#
77 0.0 0.0 0.0

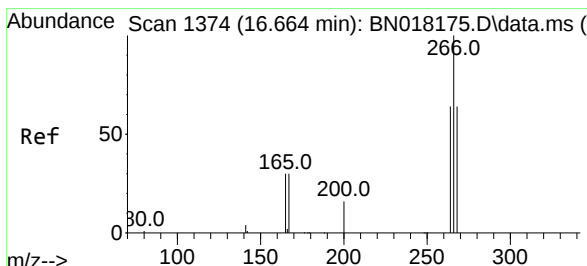
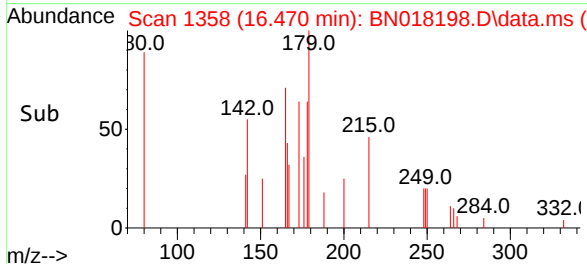
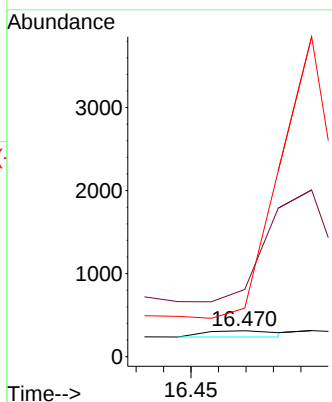
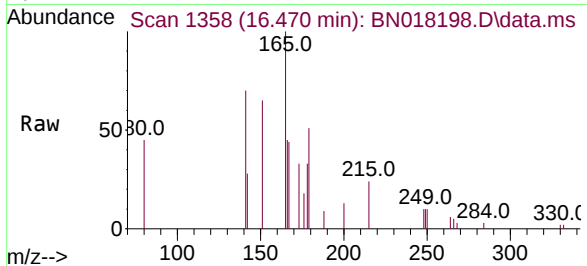




#23
 Atrazine
 Concen: 0.104 ng
 RT: 16.470 min Scan# 1358
 Delta R.T. -0.000 min
 Lab File: BN018198.D
 Acq: 24 Dec 2021 02:49

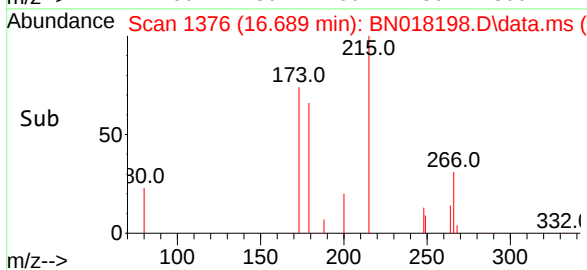
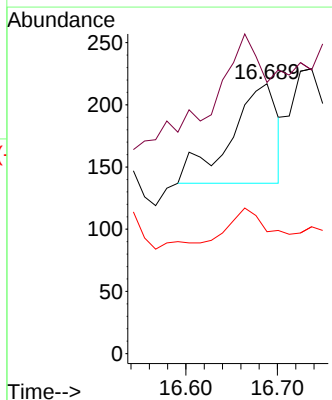
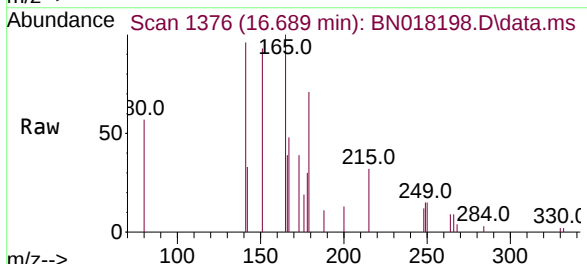
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-07

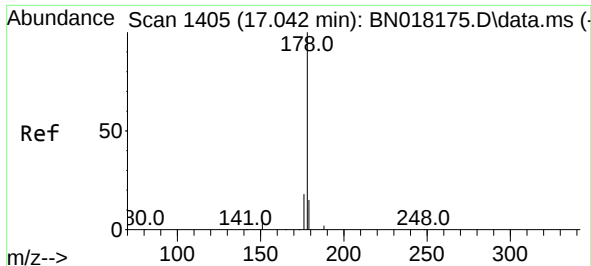
Tgt Ion:200 Resp: 139
 Ion Ratio Lower Upper
 200 100
 173 260.5 20.3 30.5#
 215 187.5 40.4 60.6#



#24
 Pentachlorophenol
 Concen: 0.299 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. 0.025 min
 Lab File: BN018198.D
 Acq: 24 Dec 2021 02:49

Tgt Ion:266 Resp: 285
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.5 74.3#
 268 0.0 50.6 76.0#

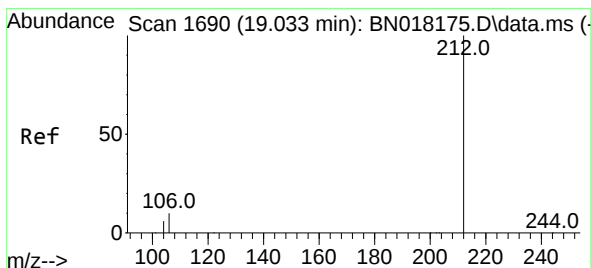
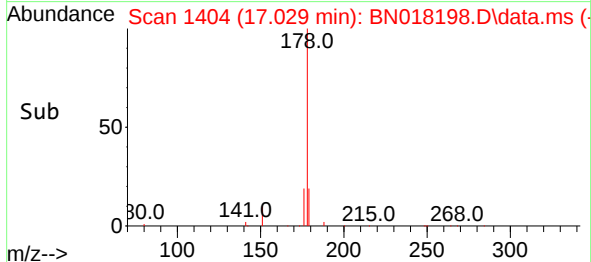
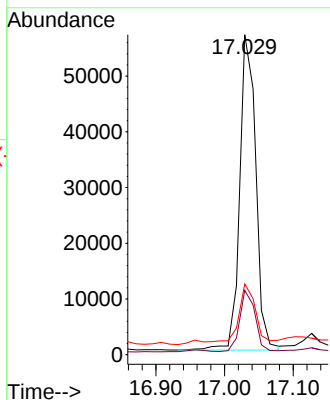
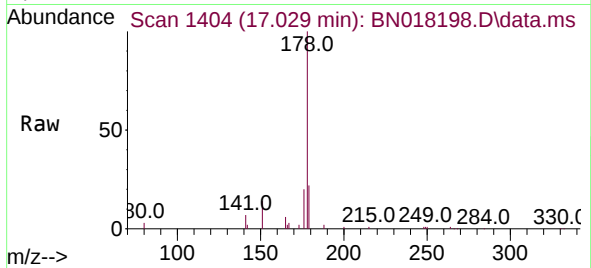




#25
Phenanthrene
Concen: 0.242 ng
RT: 17.029 min Scan# 1404
Delta R.T. -0.013 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

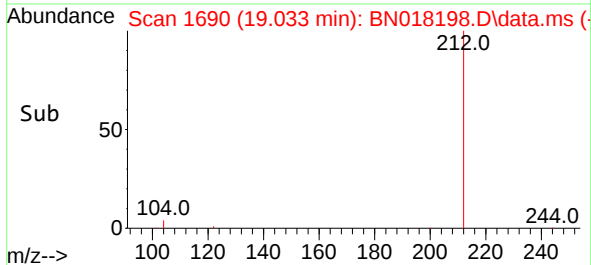
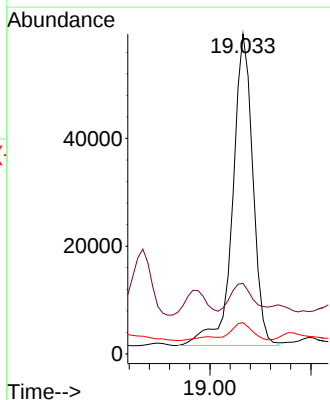
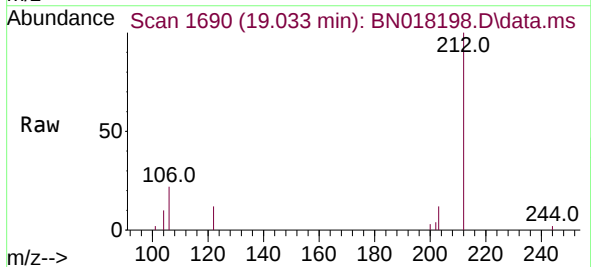
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

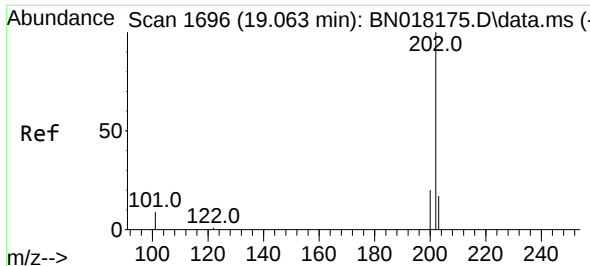
Tgt Ion:178 Resp: 92182
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 17.6 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.177 ng
RT: 19.033 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

Tgt Ion:212 Resp: 80482
Ion Ratio Lower Upper
212 100
106 9.4 8.4 12.6
104 5.3 4.5 6.7

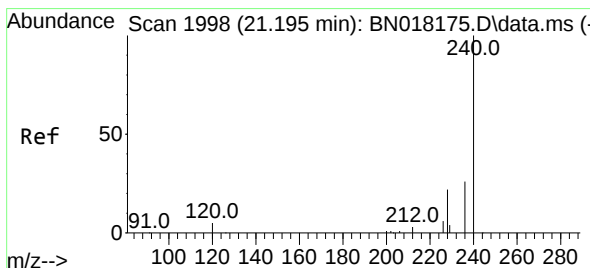
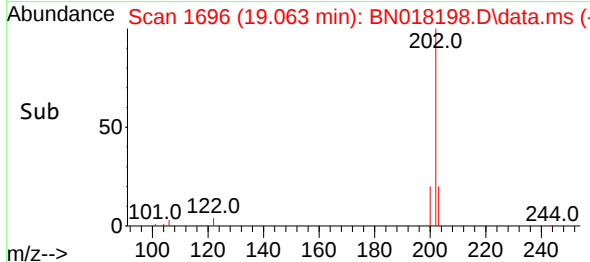
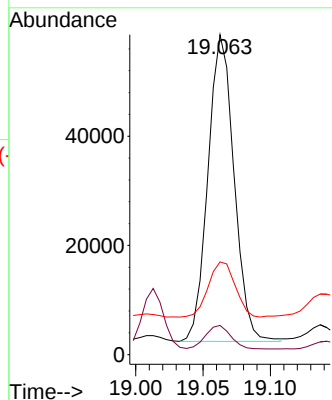
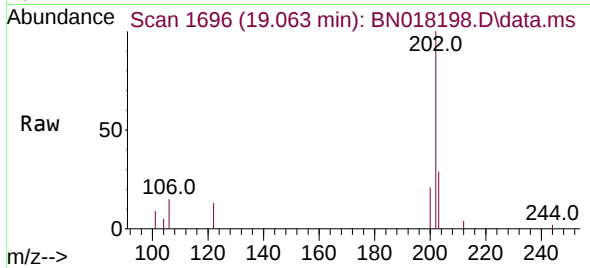




#28
Fluoranthene
Concen: 0.170 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

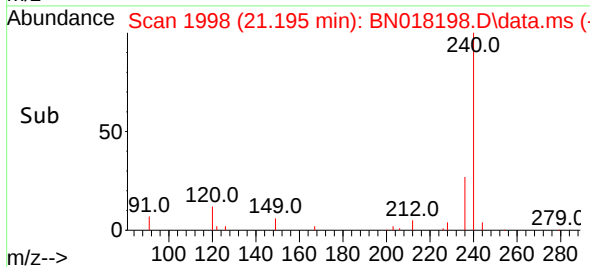
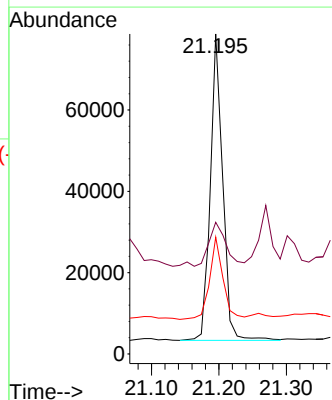
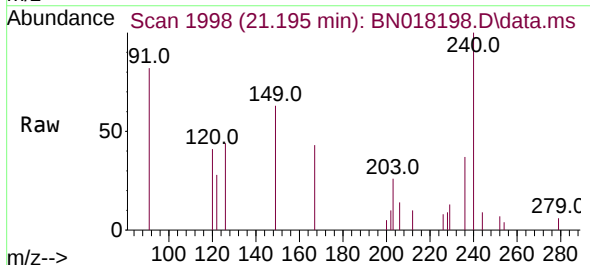
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

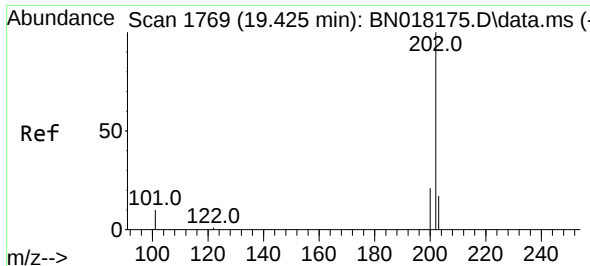
Tgt Ion:202 Resp: 75696
Ion Ratio Lower Upper
202 100
101 7.7 7.2 10.8
203 18.5 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

Tgt Ion:240 Resp: 95836
Ion Ratio Lower Upper
240 100
120 41.1 6.0 9.0#
236 36.5 21.4 32.2#

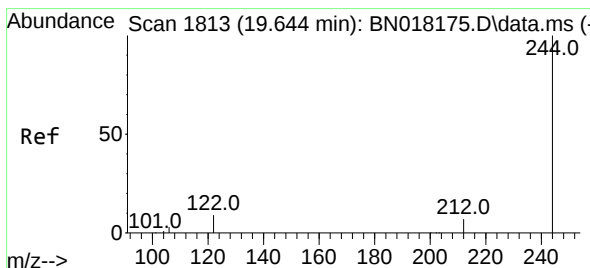
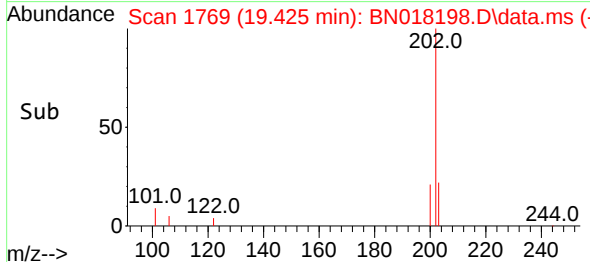
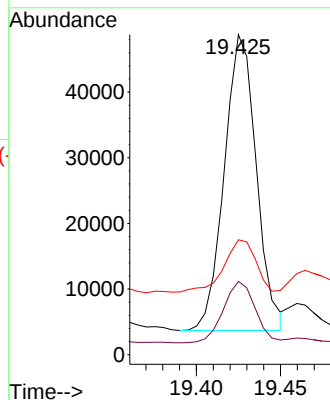
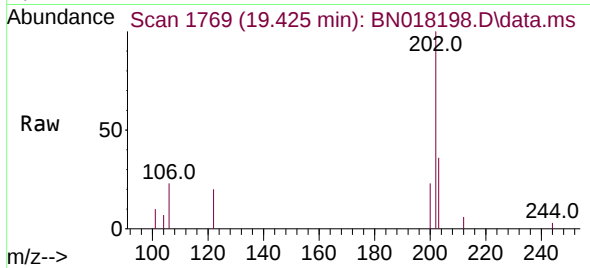




#30
Pyrene
Concen: 0.194 ng
RT: 19.425 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

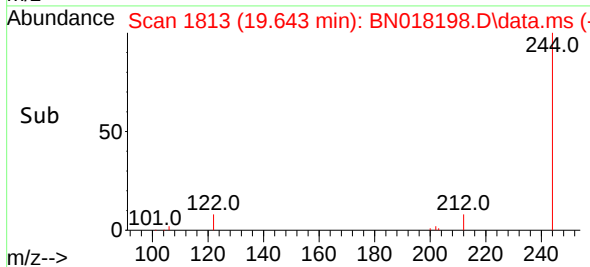
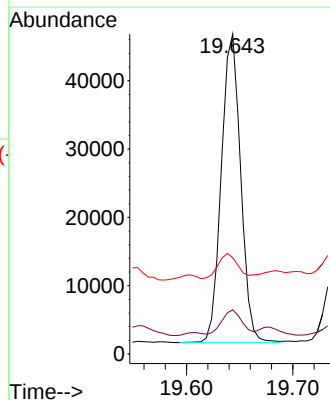
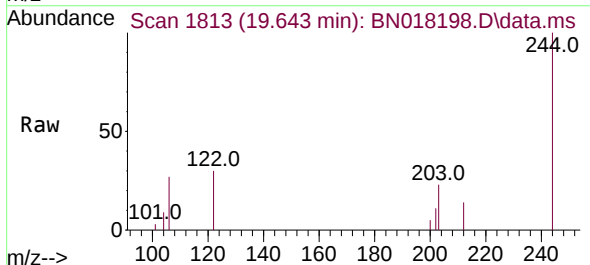
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

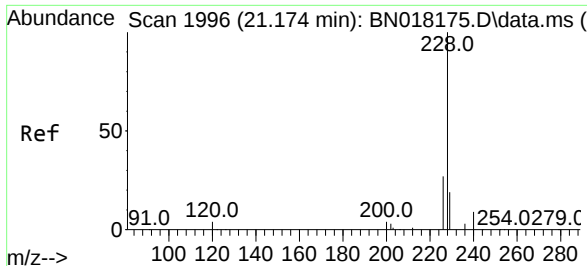
Tgt Ion:202 Resp: 59673
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 19.5 14.1 21.1



#31
Terphenyl-d14
Concen: 0.271 ng
RT: 19.643 min Scan# 1813
Delta R.T. -0.001 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

Tgt Ion:244 Resp: 57121
Ion Ratio Lower Upper
244 100
212 13.8 6.2 9.2#
122 30.1 7.9 11.9#

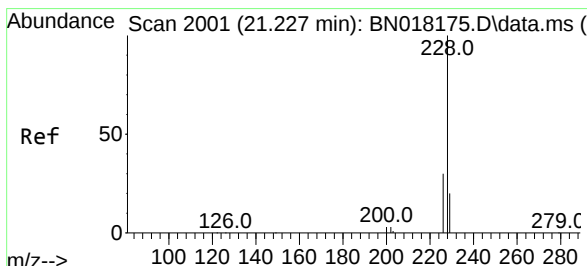
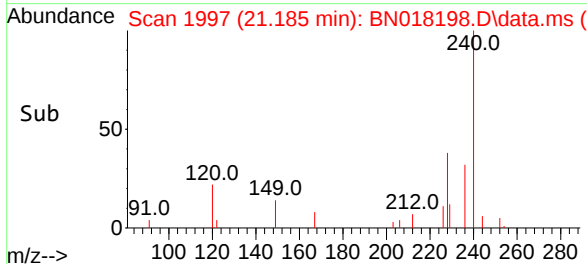
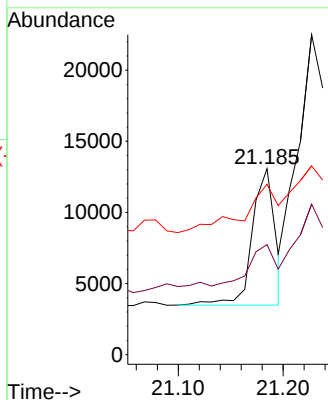
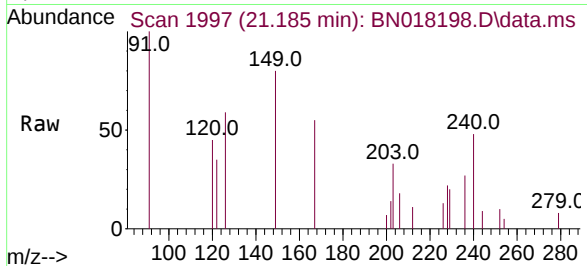




#32
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.185 min Scan# 1997
Delta R.T. 0.011 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

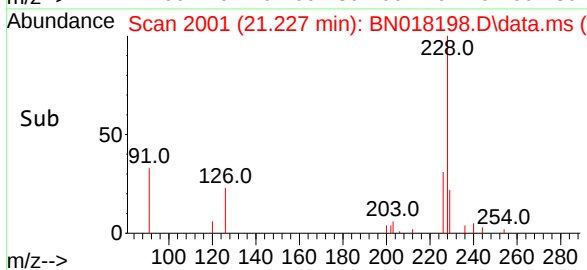
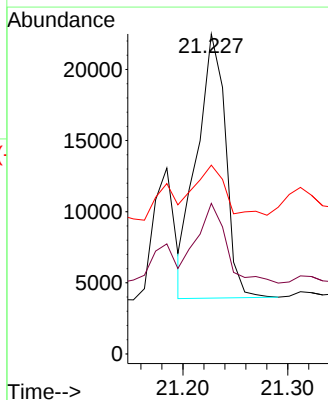
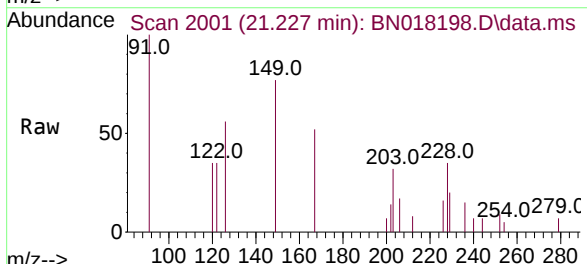
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

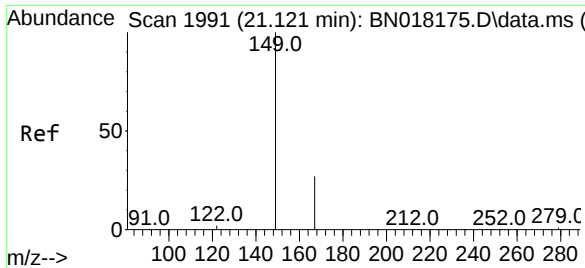
Tgt Ion:228 Resp: 14522
Ion Ratio Lower Upper
228 100
226 59.3 21.3 31.9#
229 91.7 15.9 23.9#



#33
Chrysene
Concen: 0.116 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

Tgt Ion:228 Resp: 35276
Ion Ratio Lower Upper
228 100
226 47.1 24.2 36.4#
229 59.0 15.5 23.3#

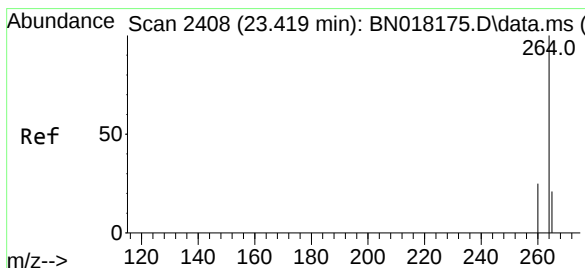
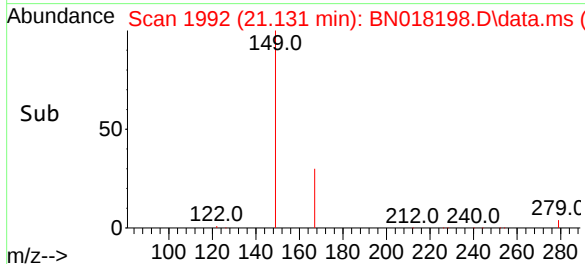
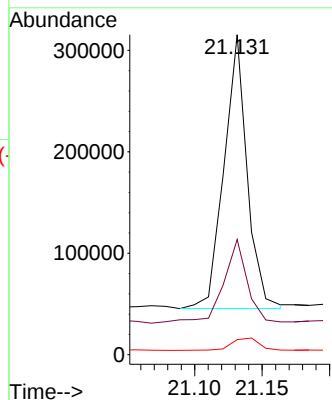
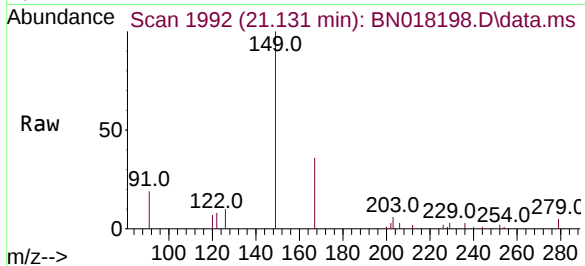




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 2.329 ng
 RT: 21.131 min Scan# 1992
 Delta R.T. 0.010 min
 Lab File: BN018198.D
 Acq: 24 Dec 2021 02:49

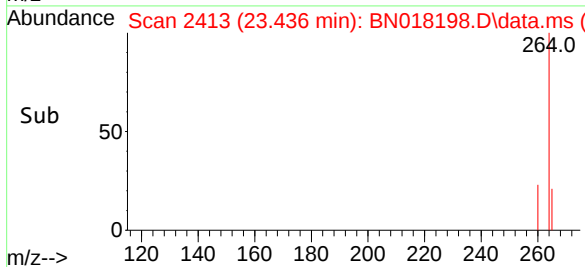
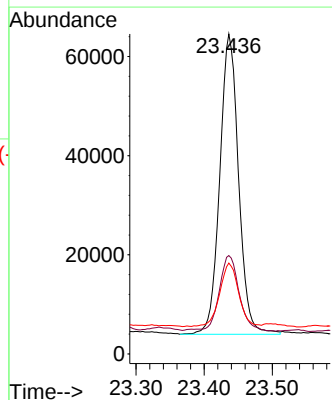
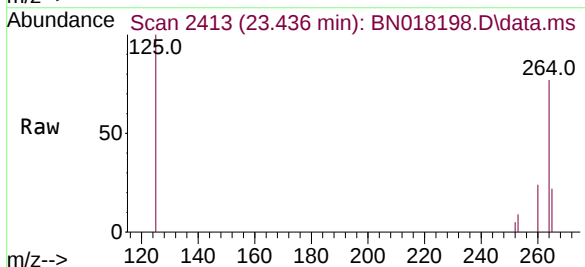
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-07

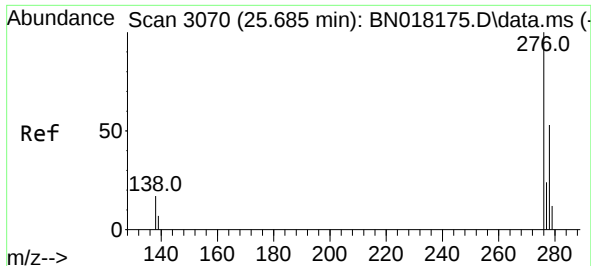
Tgt Ion:149 Resp: 321181
 Ion Ratio Lower Upper
 149 100
 167 31.9 23.7 35.5
 279 5.3 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.436 min Scan# 2413
 Delta R.T. 0.017 min
 Lab File: BN018198.D
 Acq: 24 Dec 2021 02:49

Tgt Ion:264 Resp: 116001
 Ion Ratio Lower Upper
 264 100
 260 30.8 20.2 30.4#
 265 28.4 18.2 27.2#

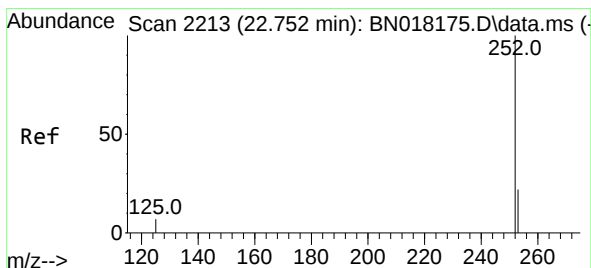
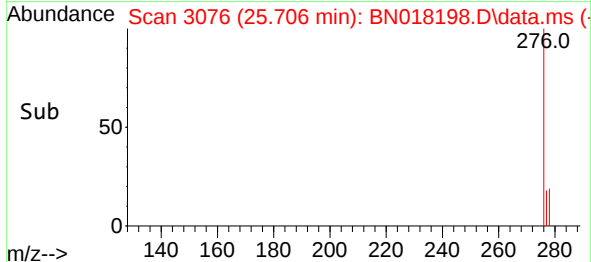
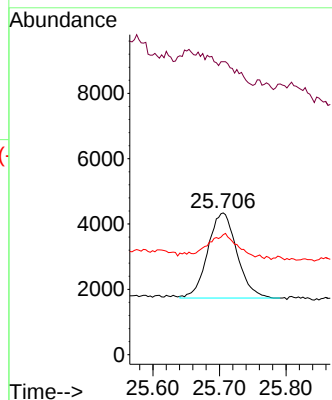
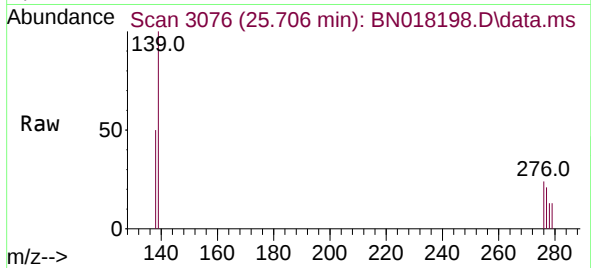




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 25.706 min Scan# 3076
Delta R.T. 0.021 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

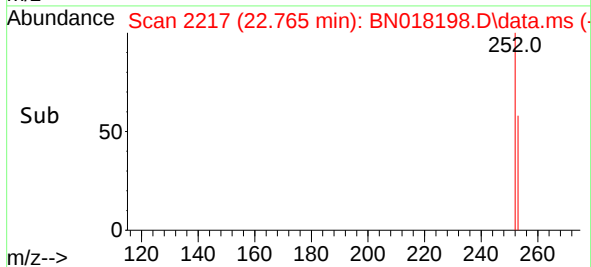
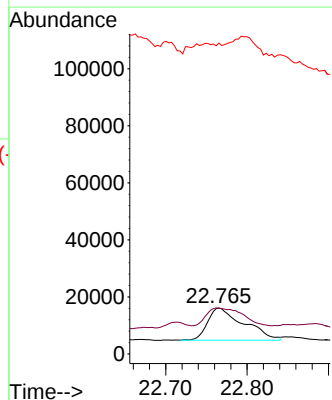
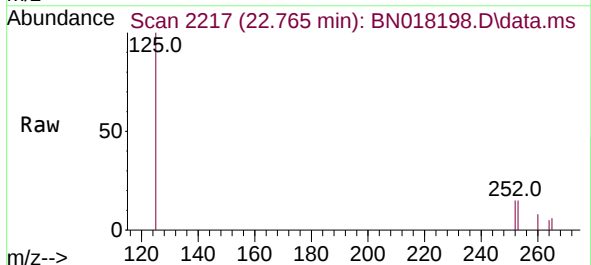
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

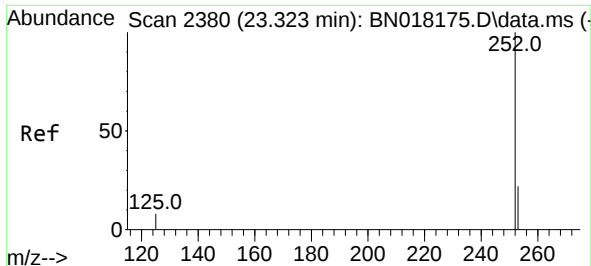
Tgt Ion:276 Resp: 7961
Ion Ratio Lower Upper
276 100
138 0.0 14.9 22.3#
277 25.0 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 0.097 ng
RT: 22.765 min Scan# 2217
Delta R.T. 0.013 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

Tgt Ion:252 Resp: 34771
Ion Ratio Lower Upper
252 100
253 99.7 17.8 26.6#
125 677.6 6.0 9.0#





#39

Benzo(a)pyrene

Concen: 0.023 ng

RT: 23.337 min Scan# 21

Delta R.T. 0.014 min

Lab File: BN018198.D

Acq: 24 Dec 2021 02:49

Instrument :

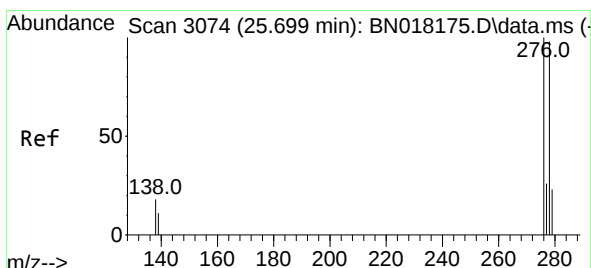
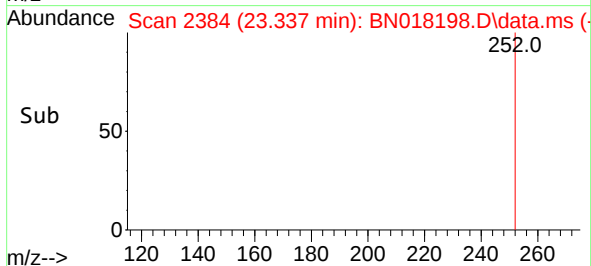
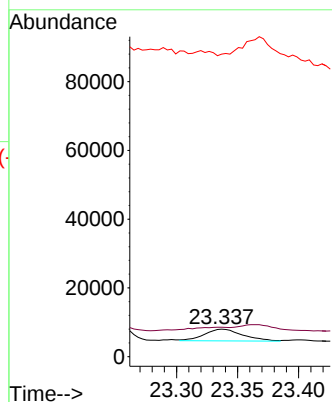
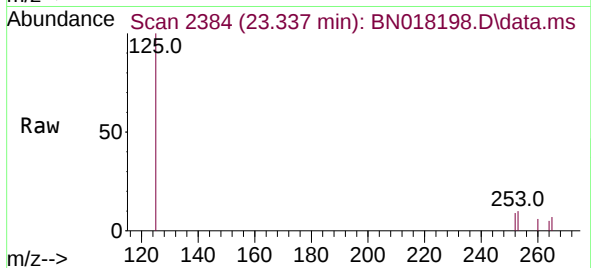
BNA_N

ClientSampleId :

OB-CS-07

Tgt Ion:252 Resp: 7482

Ion	Ratio	Lower	Upper
252	100		
253	107.3	17.8	26.6#
125	1100.4	7.0	10.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.038 ng

RT: 25.716 min Scan# 3079

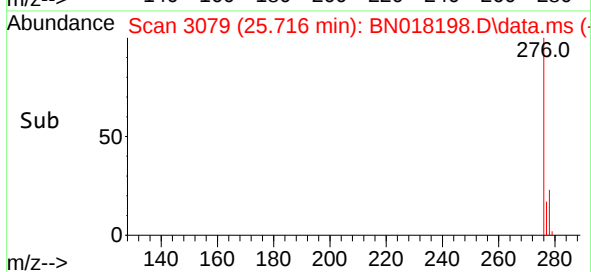
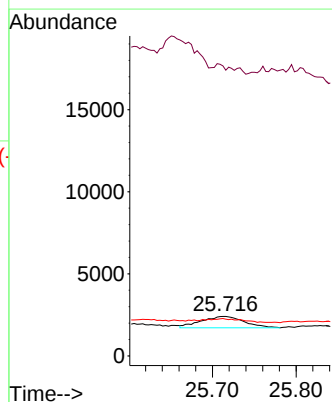
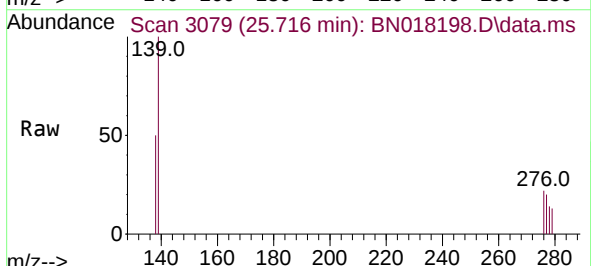
Delta R.T. 0.017 min

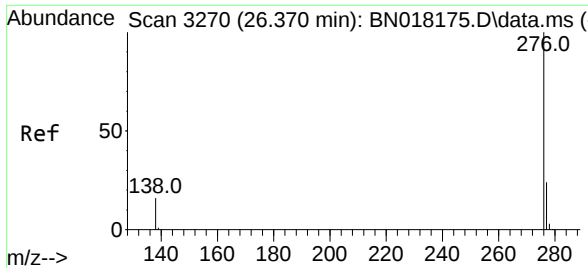
Lab File: BN018198.D

Acq: 24 Dec 2021 02:49

Tgt Ion:278 Resp: 2450

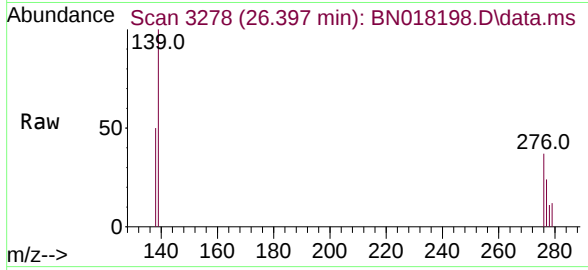
Ion	Ratio	Lower	Upper
278	100		
139	722.0	10.8	16.2#
279	92.9	19.0	28.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.039 ng
 RT: 26.397 min Scan# 31
 Delta R.T. 0.027 min
 Lab File: BN018198.D
 Acq: 24 Dec 2021 02:49

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-07



Tgt Ion:276 Resp: 12175
 Ion Ratio Lower Upper
 276 100
 277 66.1 19.0 28.6#
 138 136.3 12.6 19.0#

