

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
 Data File : BN018195.D
 Acq On : 24 Dec 2021 01:01
 Operator : CG/JU
 Sample : M5107-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-04

Quant Time: Dec 24 23:33:29 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)

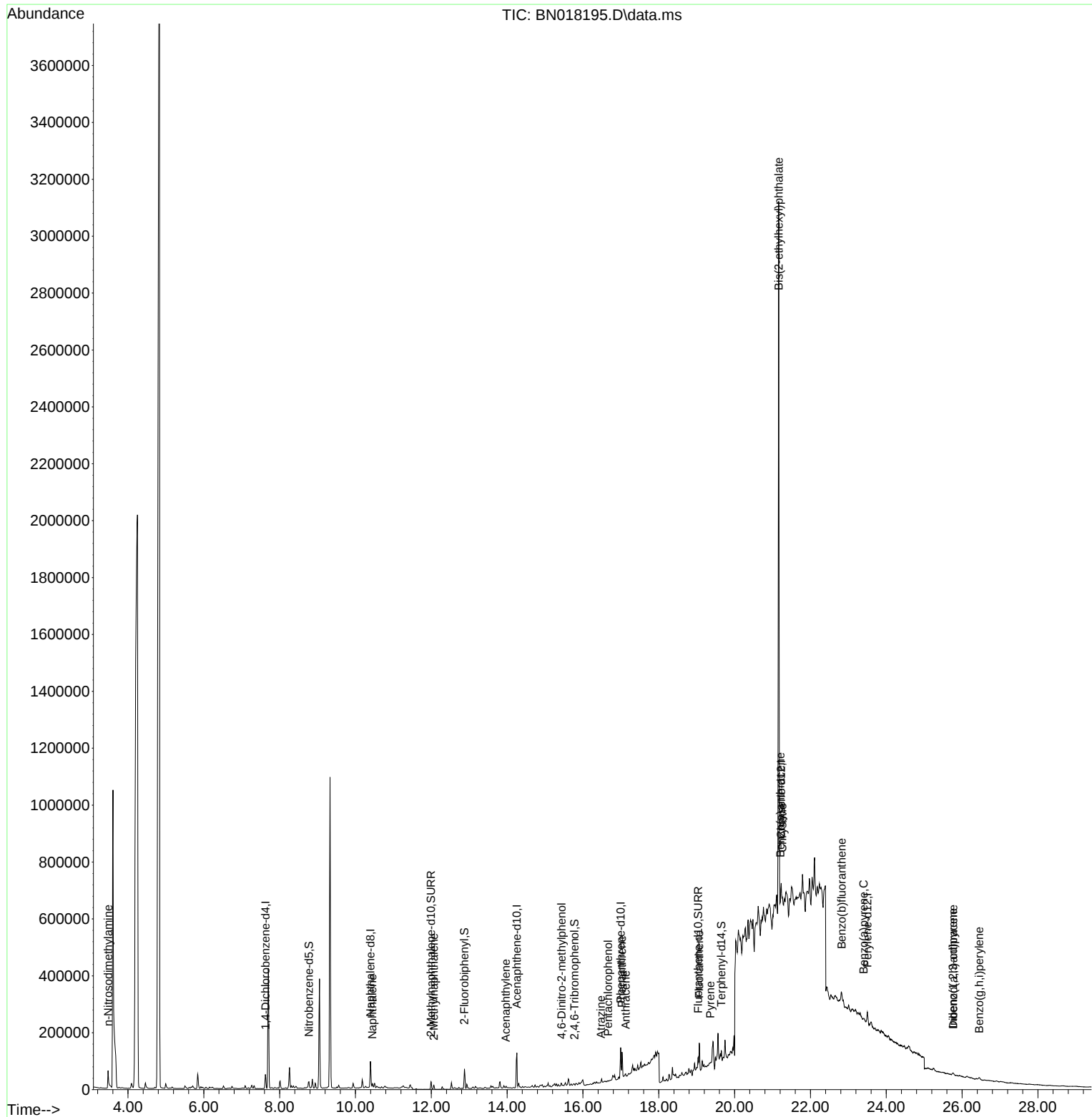
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	25564	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	109688	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	73793	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	142446	0.400	ng	0.00
29) Chrysene-d12	21.227	240	63403	0.400	ng	# 0.03
35) Perylene-d12	23.502	264	64748	0.400	ng	# 0.08
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	66	0.001	ng	0.04
5) Phenol-d6	6.822	99	368	0.006	ng	0.00
8) Nitrobenzene-d5	8.772	82	18900	0.256	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	36248	0.192	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	151	0.183	ng	0.03
15) 2-Fluorobiphenyl	12.873	172	55329	0.201	ng	-0.01
27) Fluoranthene-d10	19.038	212	55075	0.122	ng	0.00
31) Terphenyl-d14	19.654	244	38208	0.274	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.475	42	19710	0.882	ng	# 1
9) Naphthalene	10.445	128	17759	0.066	ng	96
12) 2-Methylnaphthalene	12.065	142	10868	0.061	ng	96
16) Acenaphthylene	13.964	152	5860	0.021	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.436	198	140	0.172	ng	# 1
23) Atrazine	16.470	200	615	0.110	ng	# 1
24) Pentachlorophenol	16.665	266	785	0.310	ng	# 81
25) Phenanthrene	17.030	178	92236	0.244	ng	# 95
26) Anthracene	17.127	178	8692	0.028	ng	# 54
28) Fluoranthene	19.068	202	83509	0.189	ng	# 90
30) Pyrene	19.361	202	5843	0.029	ng	97
32) Benzo(a)anthracene	21.206	228	16619	0.090	ng	# 1
33) Chrysene	21.259	228	24601	0.122	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	2458395	24.147	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.764	276	12782	0.068	ng	# 75
37) Benzo(b)fluoranthene	22.827	252	59833	0.299	ng	# 1
39) Benzo(a)pyrene	23.402	252	8334	0.046	ng	# 1
40) Dibenzo(a,h)anthracene	25.771	278	4579	0.058	ng	# 1
41) Benzo(g,h,i)perylene	26.452	276	17719	0.103	ng	# 1

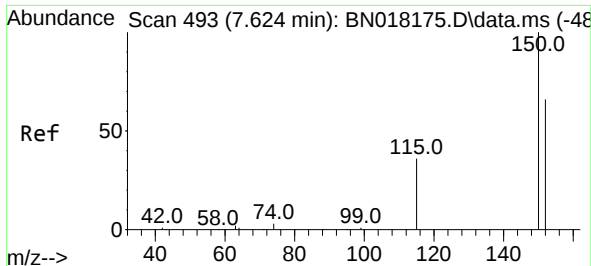
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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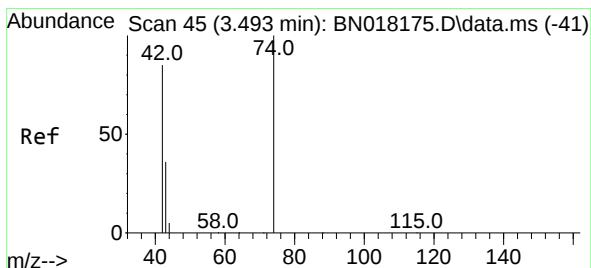
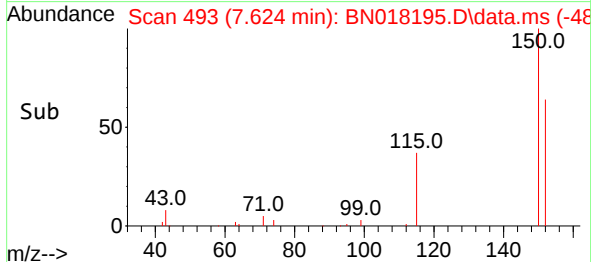
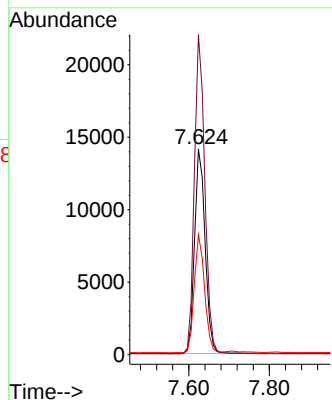
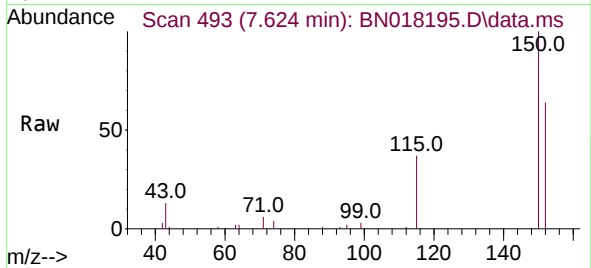




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.624 min Scan# 49
 Delta R.T. -0.000 min
 Lab File: BN018195.D
 Acq: 24 Dec 2021 01:01

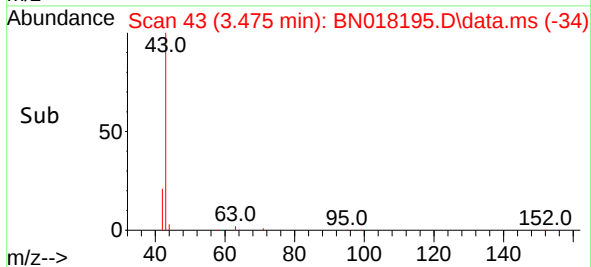
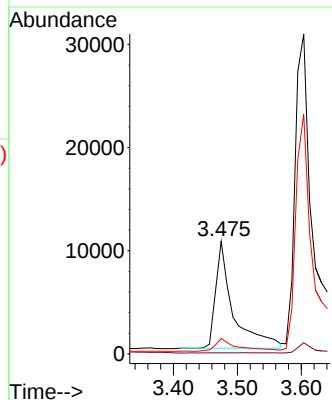
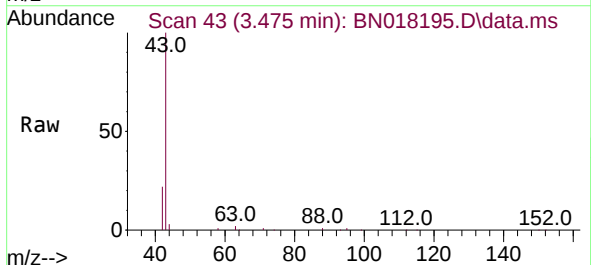
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-04

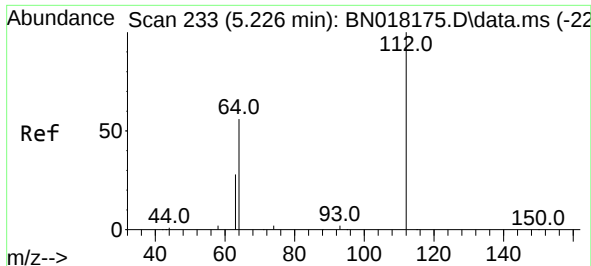
Tgt Ion:152 Resp: 25564
 Ion Ratio Lower Upper
 152 100
 150 155.6 121.7 182.5
 115 58.3 43.8 65.8



#3
 n-Nitrosodimethylamine
 Concen: 0.882 ng
 RT: 3.475 min Scan# 43
 Delta R.T. -0.018 min
 Lab File: BN018195.D
 Acq: 24 Dec 2021 01:01

Tgt Ion: 42 Resp: 19710
 Ion Ratio Lower Upper
 42 100
 74 0.0 108.6 163.0#
 44 15.2 5.8 8.8#

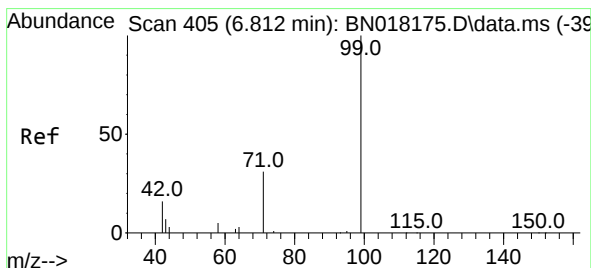
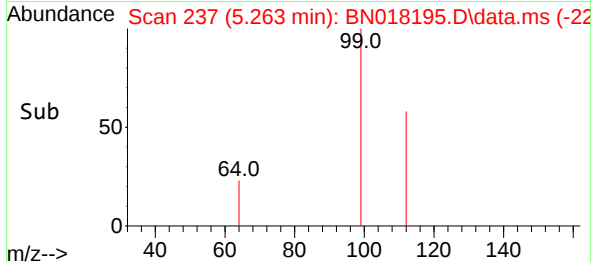
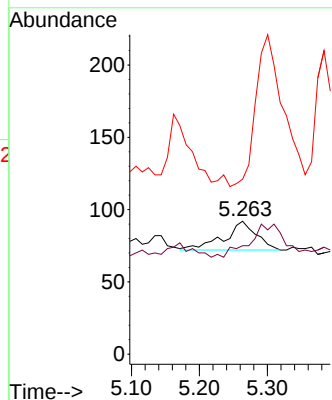
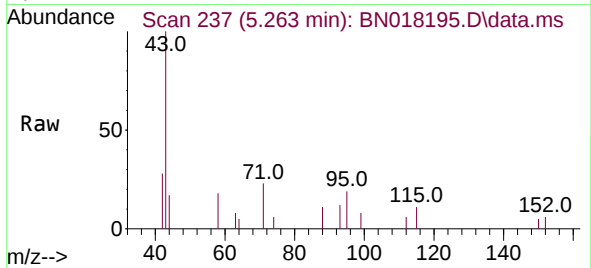




#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.263 min Scan# 21
Delta R.T. 0.037 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

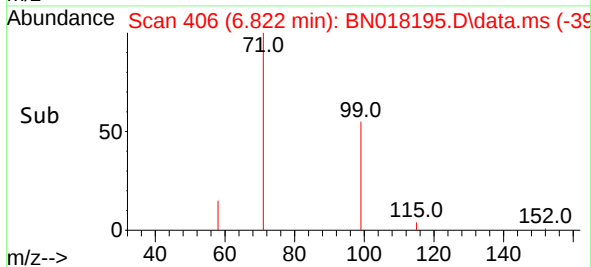
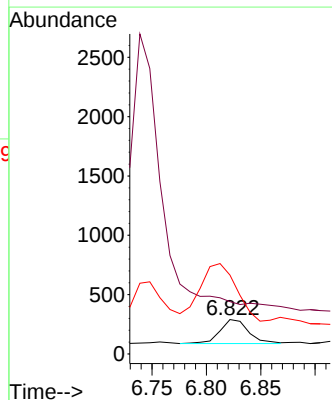
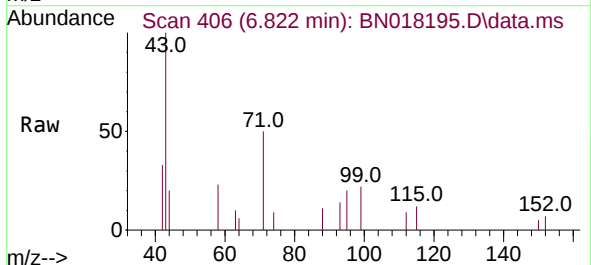
Instrument :
BNA_N
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OB-CS-04

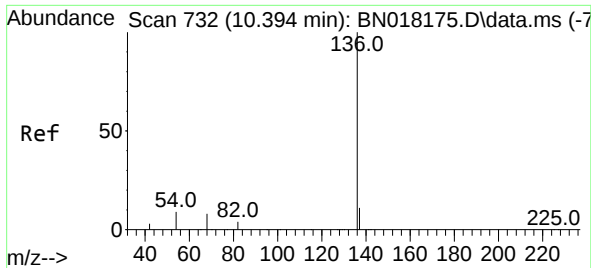
Tgt Ion: 112 Resp: 66
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#



#5
Phenol-d6
Concen: 0.006 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.010 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

Tgt Ion: 99 Resp: 368
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 293.2 26.8 40.2#

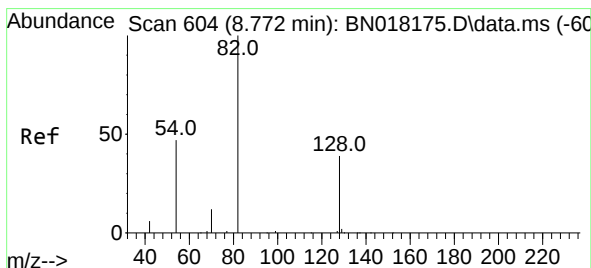
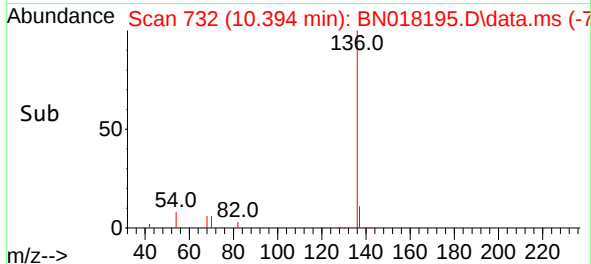
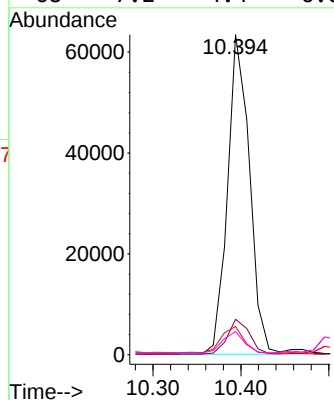
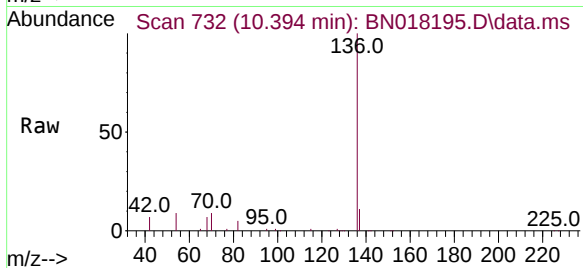




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

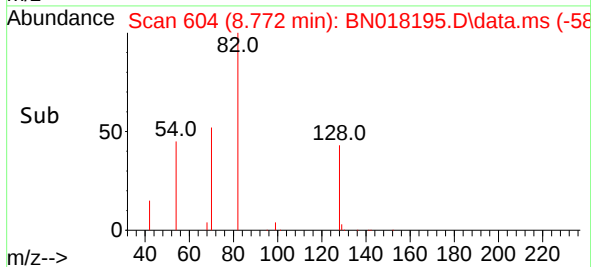
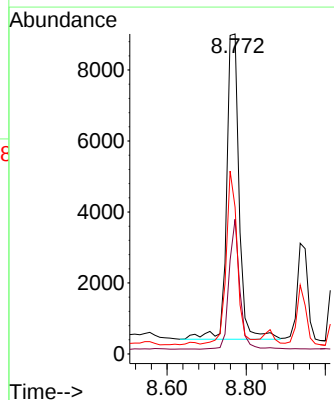
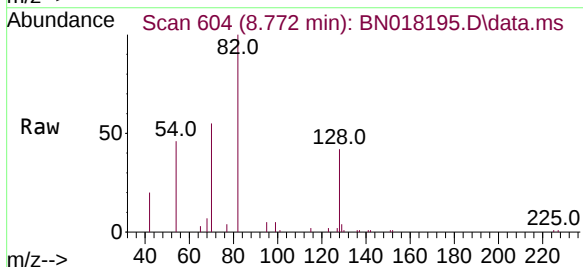
Instrument :
BNA_N
ClientSampleId :
OB-CS-04

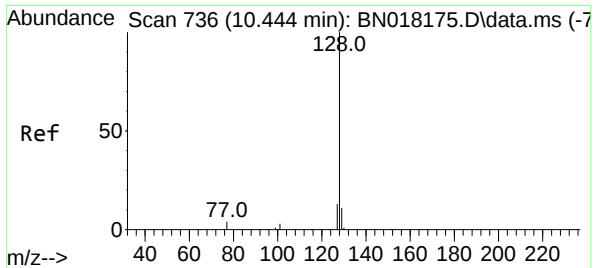
Tgt Ion:136 Resp: 109688
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.8 5.0 7.6#
68 7.2 4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 8.772 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

Tgt Ion: 82 Resp: 18900
Ion Ratio Lower Upper
82 100
128 42.1 33.7 50.5
54 45.9 36.6 55.0

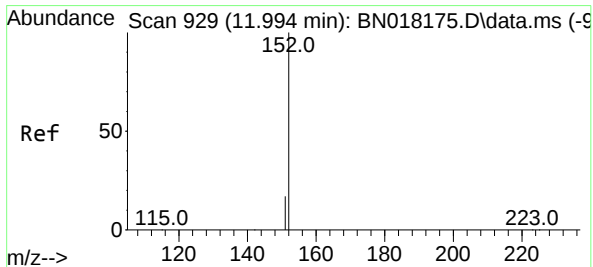
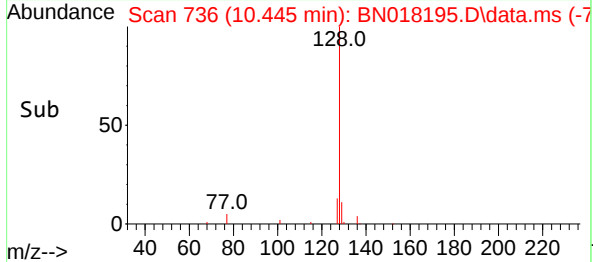
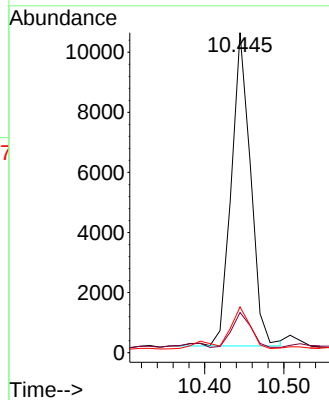
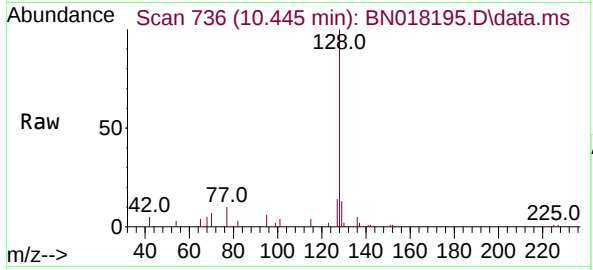




#9
Naphthalene
Concen: 0.066 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.001 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

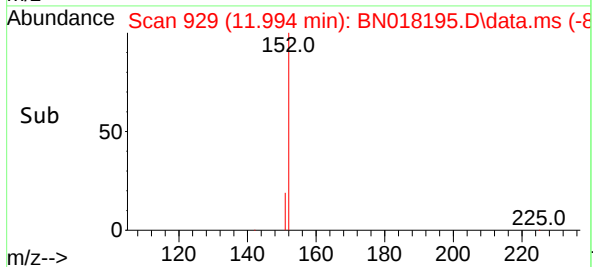
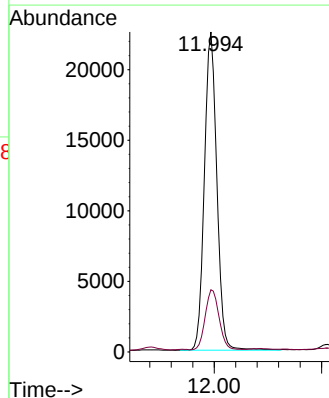
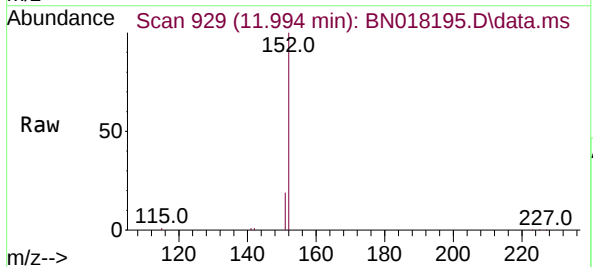
Instrument :
BNA_N
ClientSampleId :
OB-CS-04

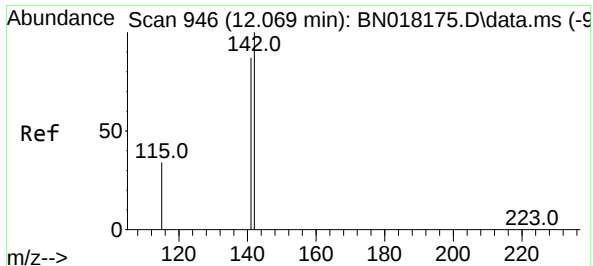
Tgt Ion:	128	Resp:	17759
Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.7	13.1
127	14.3	10.4	15.6



#11
2-Methylnaphthalene-d10
Concen: 0.192 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

Tgt Ion:	152	Resp:	36248
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2





#12

2-Methylnaphthalene

Concen: 0.061 ng

RT: 12.065 min Scan# 945

Delta R.T. -0.004 min

Lab File: BN018195.D

Acq: 24 Dec 2021 01:01

Instrument :

BNA_N

ClientSampleId :

OB-CS-04

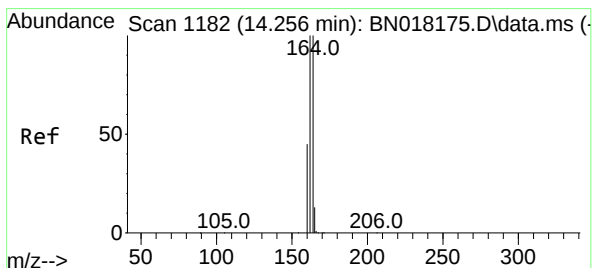
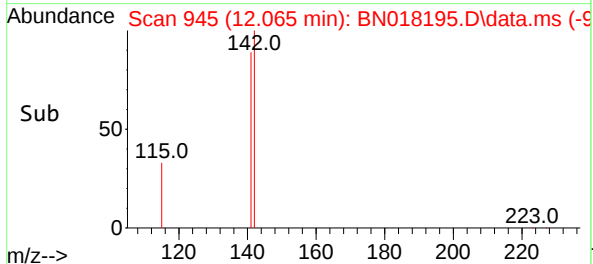
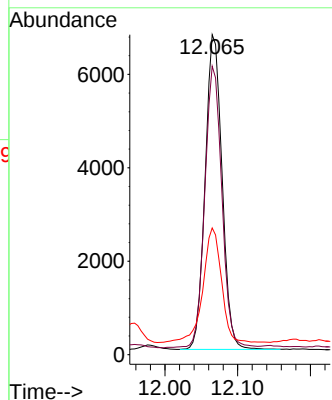
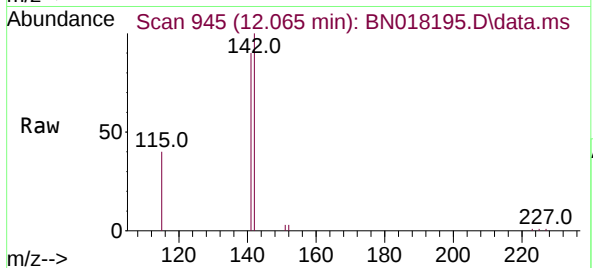
Tgt Ion:142 Resp: 10868

Ion Ratio Lower Upper

142 100

141 90.1 70.0 105.0

115 39.6 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: BN018195.D

Acq: 24 Dec 2021 01:01

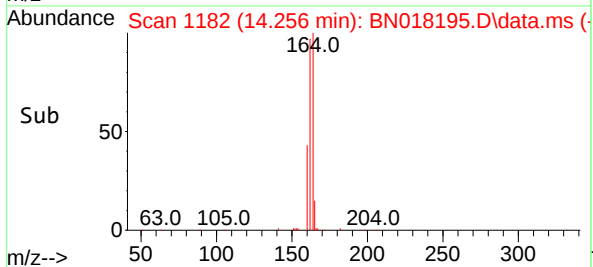
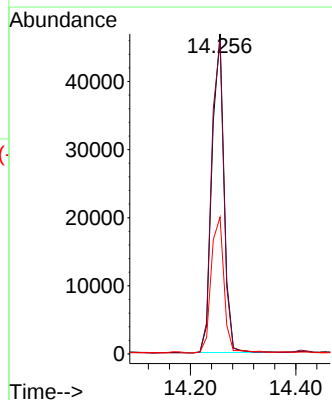
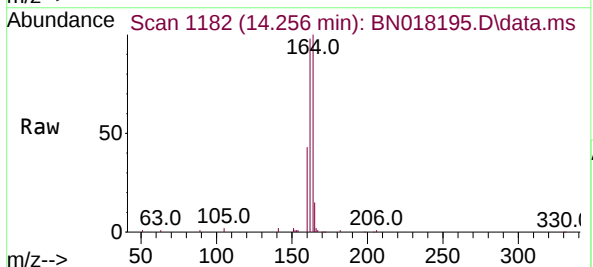
Tgt Ion:164 Resp: 73793

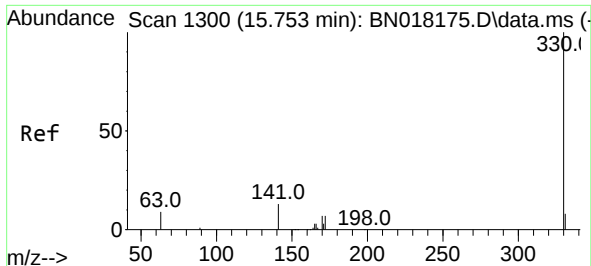
Ion Ratio Lower Upper

164 100

162 97.6 80.2 120.2

160 42.7 36.9 55.3

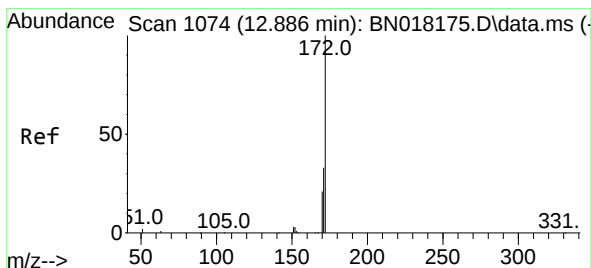
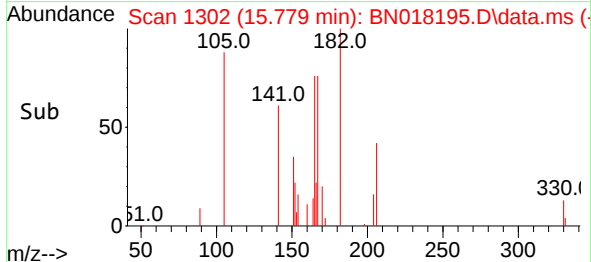
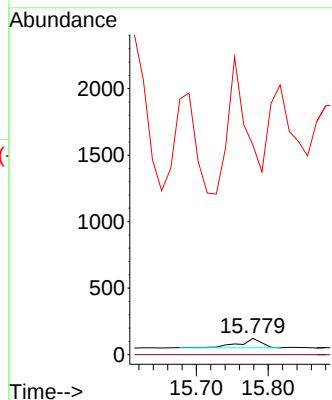
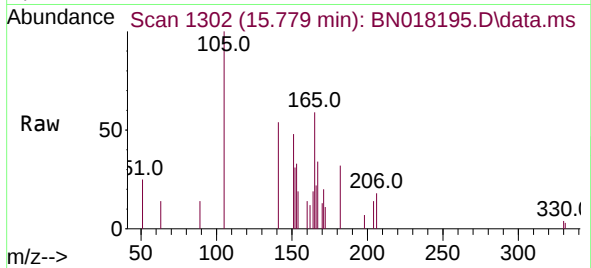




#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.779 min Scan# 11
Delta R.T. 0.026 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

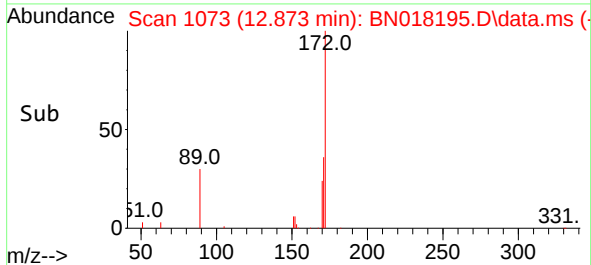
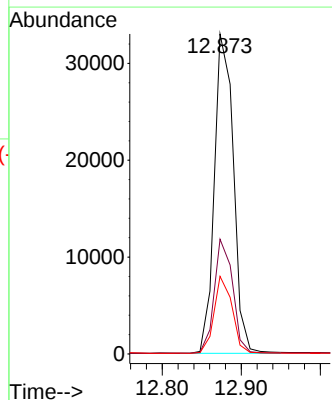
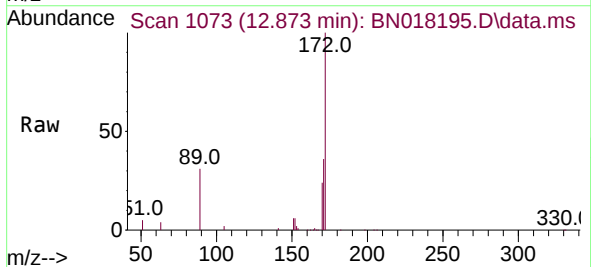
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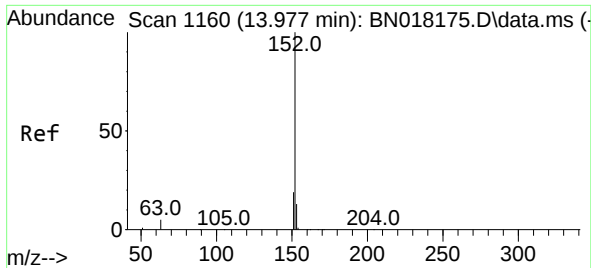
Tgt Ion:330 Resp: 151
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 21.3 31.9#



#15
2-Fluorobiphenyl
Concen: 0.201 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

Tgt Ion:172 Resp: 55329
Ion Ratio Lower Upper
172 100
171 35.9 27.4 41.0
170 24.2 18.4 27.6

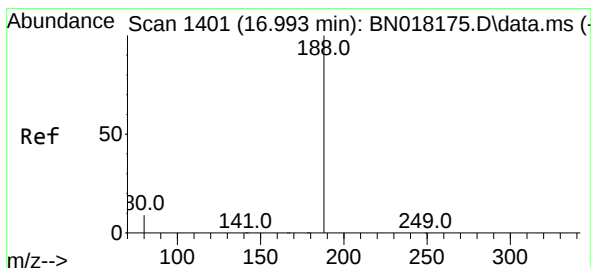
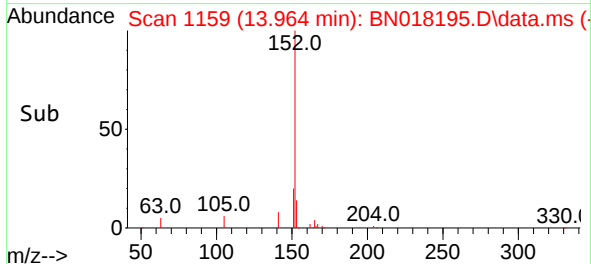
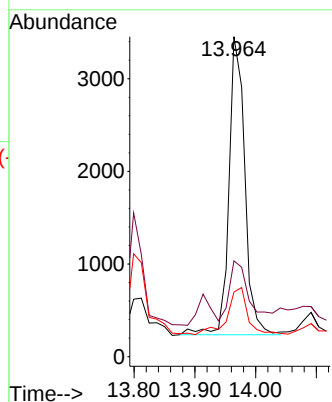
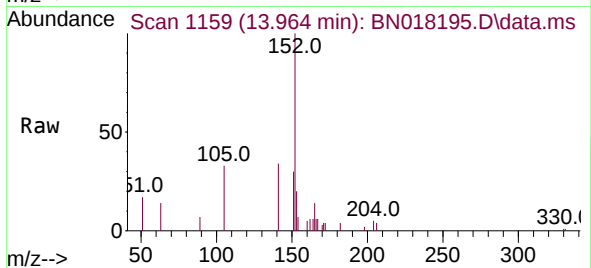




#16
Acenaphthylene
Concen: 0.021 ng
RT: 13.964 min Scan# 1159
Delta R.T. -0.013 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

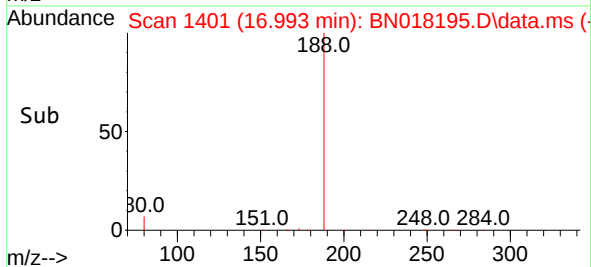
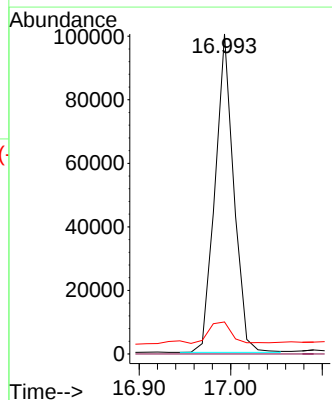
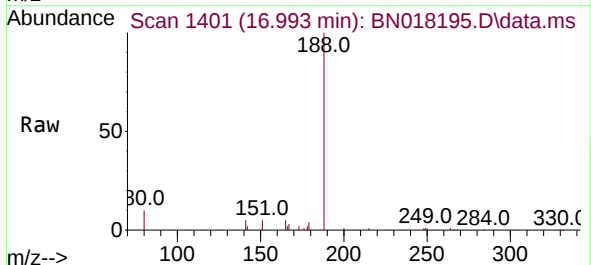
Instrument :
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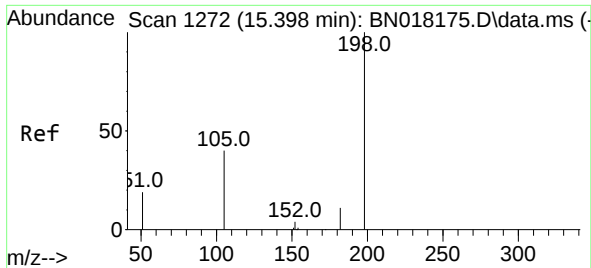
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Ion Ratio Lower Upper
152 100
151 26.8 15.8 23.6#
153 19.4 10.5 15.7#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

Tgt Ion:188 Resp: 142446
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 7.0 10.4

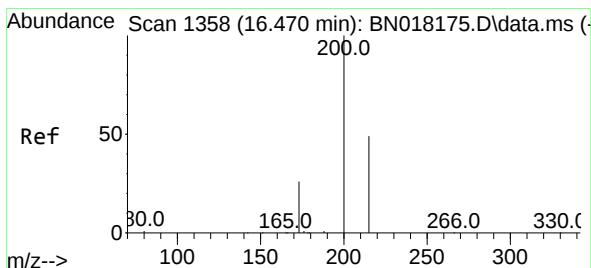
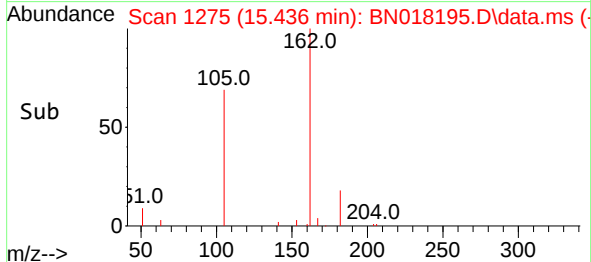
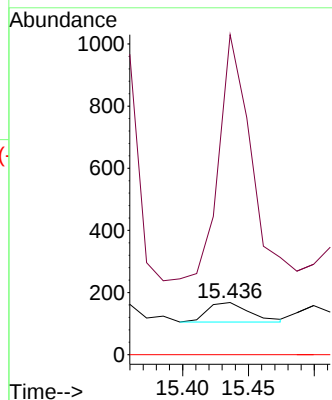
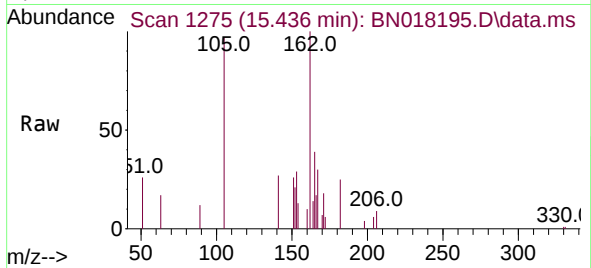




#20
4,6-Dinitro-2-methylphenol
Concen: 0.172 ng
RT: 15.436 min Scan# 11
Delta R.T. 0.038 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

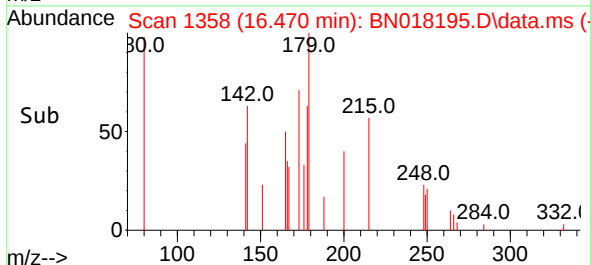
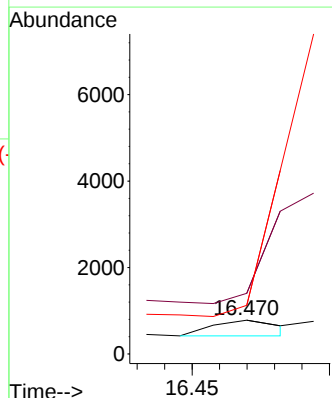
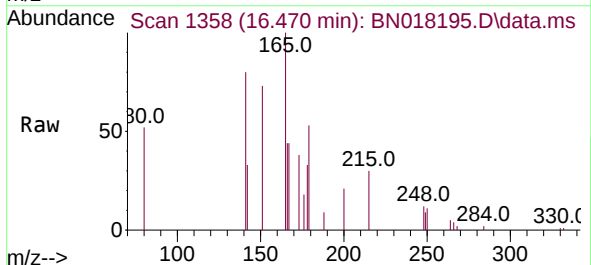
Instrument :
BNA_N
ClientSampleId :
OB-CS-04

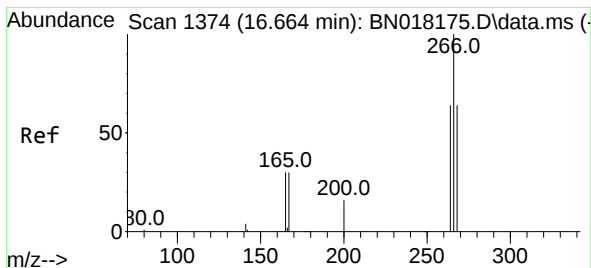
Tgt Ion:198 Resp: 140
Ion Ratio Lower Upper
198 100
182 613.1 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.110 ng
RT: 16.470 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

Tgt Ion:200 Resp: 615
Ion Ratio Lower Upper
200 100
173 179.9 20.3 30.5#
215 144.3 40.4 60.6#





#24

Pentachlorophenol

Concen: 0.310 ng

RT: 16.665 min Scan# 11

Delta R.T. 0.001 min

Lab File: BN018195.D

Acq: 24 Dec 2021 01:01

Instrument :

BNA_N

ClientSampleId :

OB-CS-04

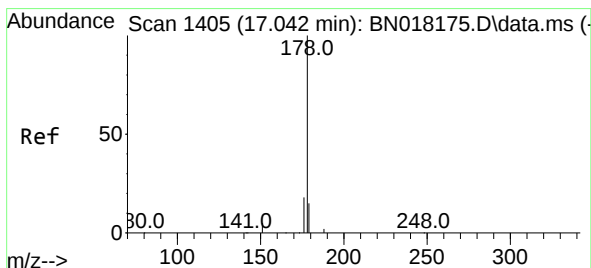
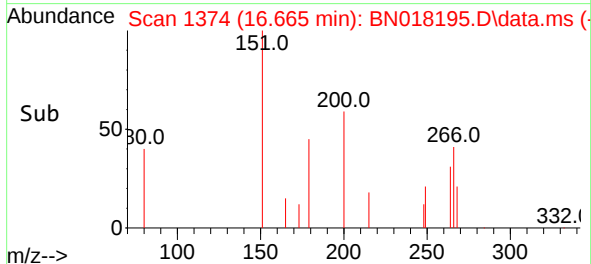
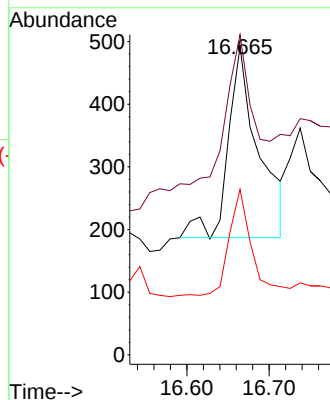
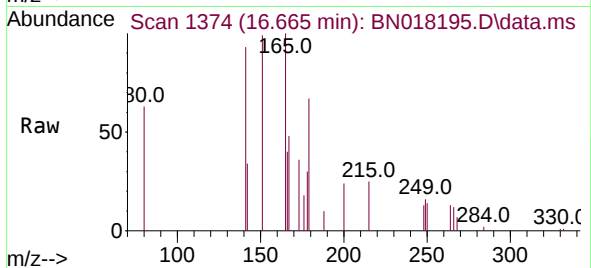
Tgt Ion:266 Resp: 785

Ion Ratio Lower Upper

266 100

264 68.9 49.5 74.3

268 41.0 50.6 76.0#



#25

Phenanthrene

Concen: 0.244 ng

RT: 17.030 min Scan# 1404

Delta R.T. -0.012 min

Lab File: BN018195.D

Acq: 24 Dec 2021 01:01

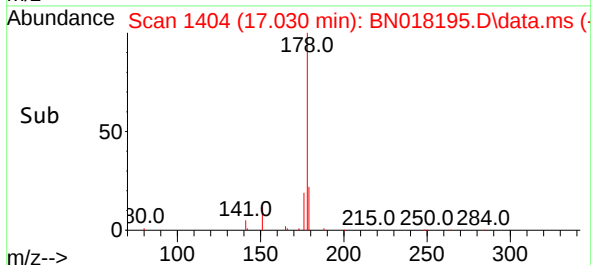
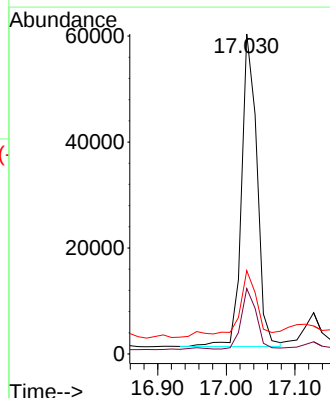
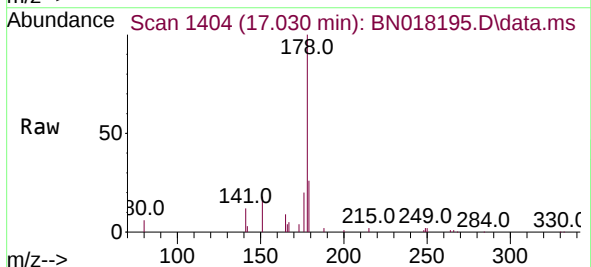
Tgt Ion:178 Resp: 92236

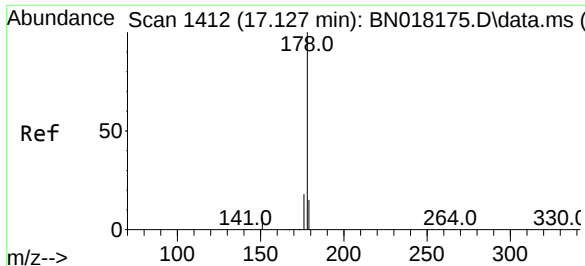
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 19.6 12.3 18.5#

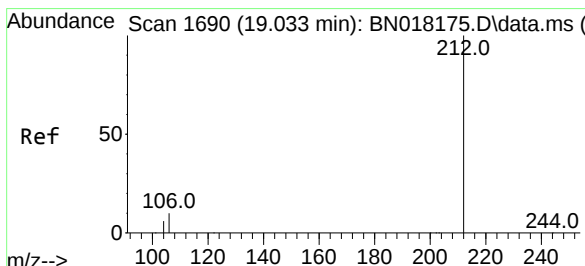
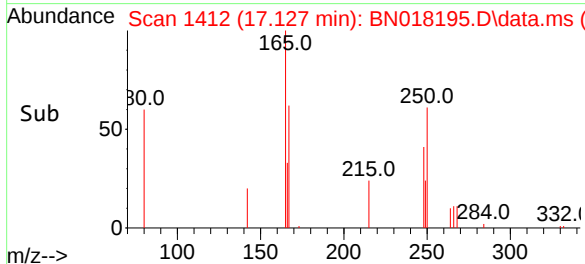
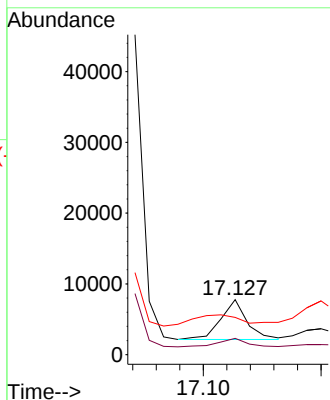
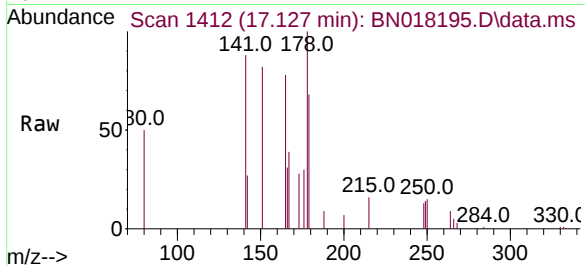




#26
 Anthracene
 Concen: 0.028 ng
 RT: 17.127 min Scan# 1412
 Delta R.T. 0.000 min
 Lab File: BN018195.D
 Acq: 24 Dec 2021 01:01

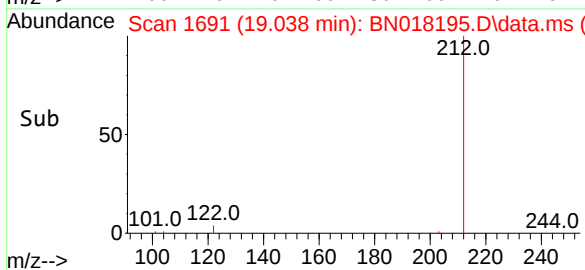
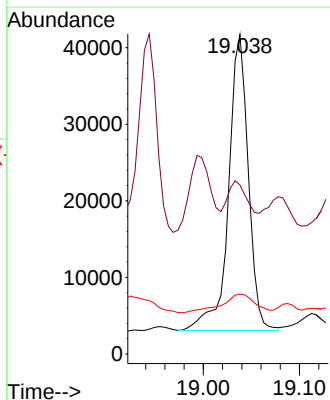
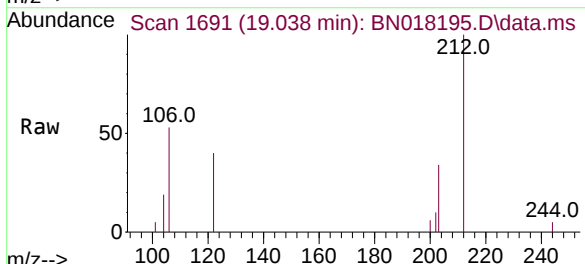
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-04

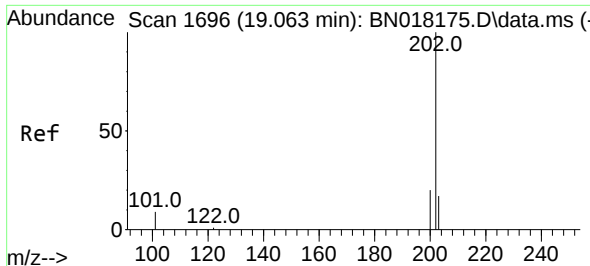
Tgt Ion:178 Resp: 8692
 Ion Ratio Lower Upper
 178 100
 176 22.4 14.8 22.2#
 179 53.8 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.122 ng
 RT: 19.038 min Scan# 1691
 Delta R.T. 0.005 min
 Lab File: BN018195.D
 Acq: 24 Dec 2021 01:01

Tgt Ion:212 Resp: 55075
 Ion Ratio Lower Upper
 212 100
 106 15.5 8.4 12.6#
 104 10.4 4.5 6.7#

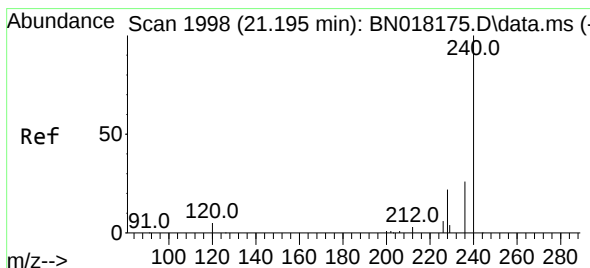
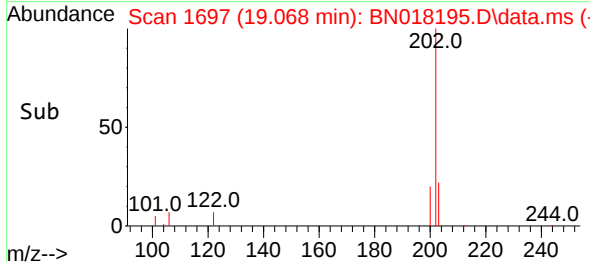
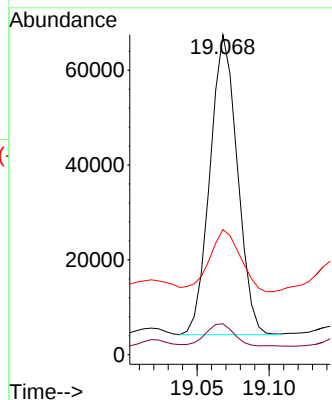
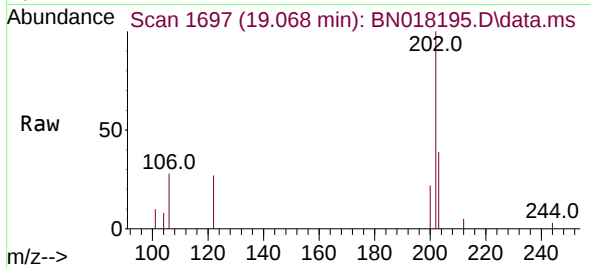




#28
Fluoranthene
Concen: 0.189 ng
RT: 19.068 min Scan# 10
Delta R.T. 0.005 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

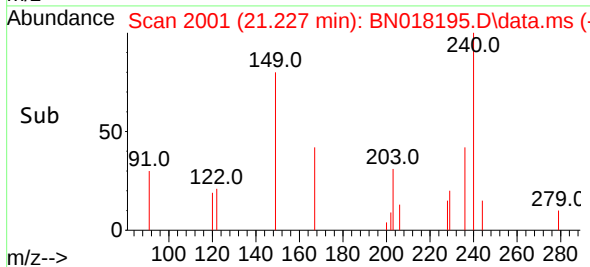
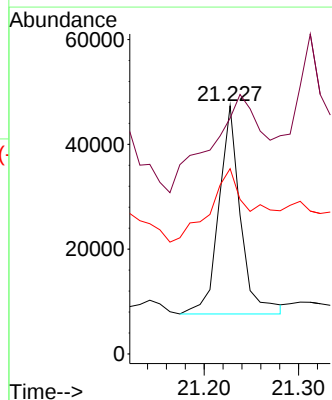
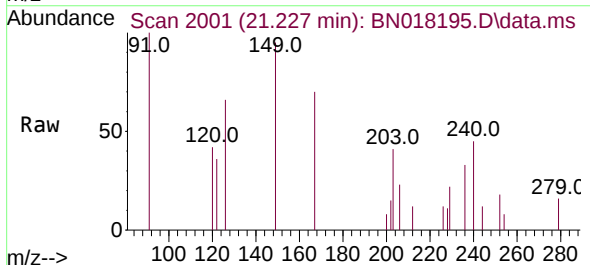
Instrument :
BNA_N
ClientSampleId :
OB-CS-04

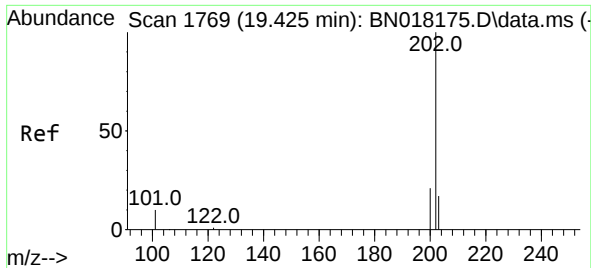
Tgt Ion:202 Resp: 83509
Ion Ratio Lower Upper
202 100
101 8.2 7.2 10.8
203 22.9 13.7 20.5#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.032 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

Tgt Ion:240 Resp: 63403
Ion Ratio Lower Upper
240 100
120 95.0 6.0 9.0#
236 74.7 21.4 32.2#

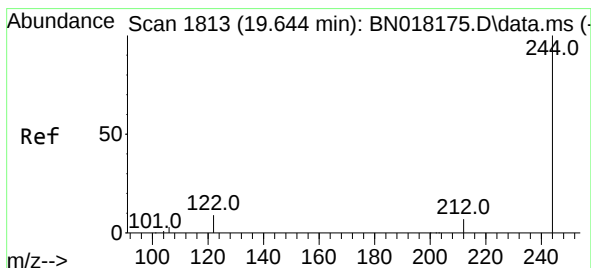
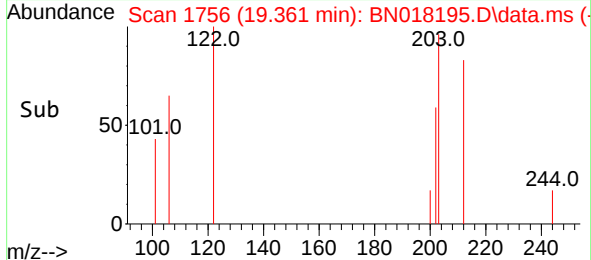
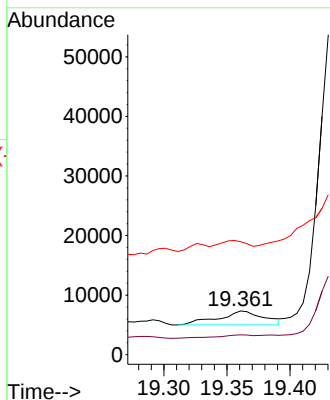
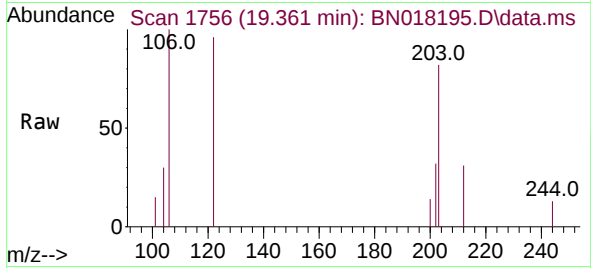




#30
Pyrene
Concen: 0.029 ng
RT: 19.361 min Scan# 11
Delta R.T. -0.064 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

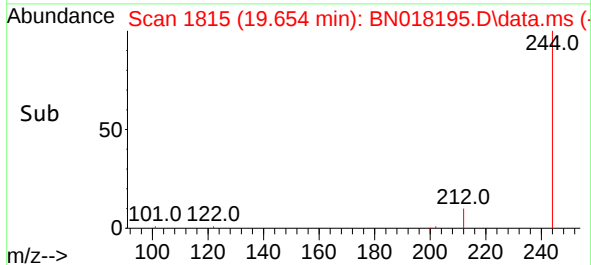
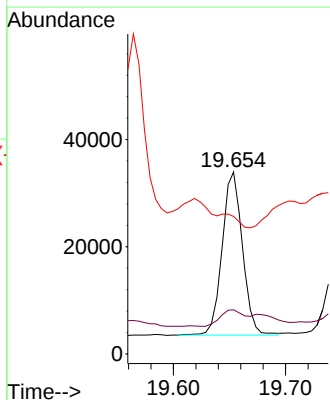
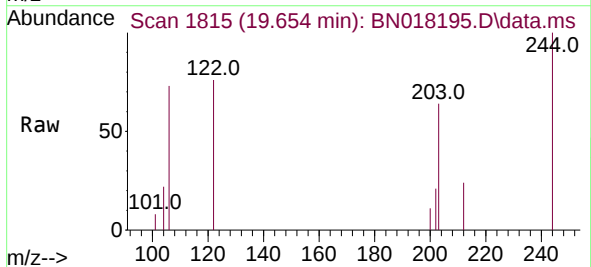
Instrument :
BNA_N
ClientSampleId :
OB-CS-04

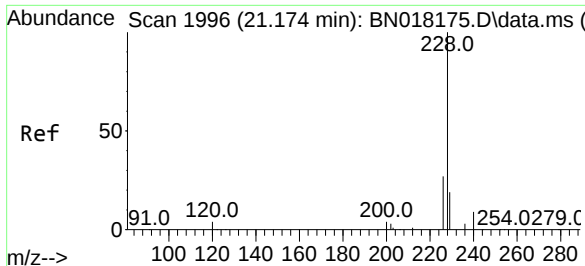
Tgt Ion:202 Resp: 5843
Ion Ratio Lower Upper
202 100
200 20.3 16.6 25.0
203 20.1 14.1 21.1



#31
Terphenyl-d14
Concen: 0.274 ng
RT: 19.654 min Scan# 1815
Delta R.T. 0.010 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

Tgt Ion:244 Resp: 38208
Ion Ratio Lower Upper
244 100
212 24.2 6.2 9.2#
122 75.6 7.9 11.9#

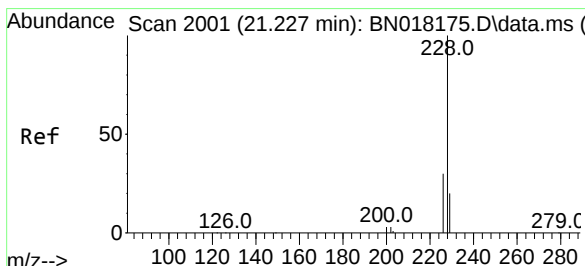
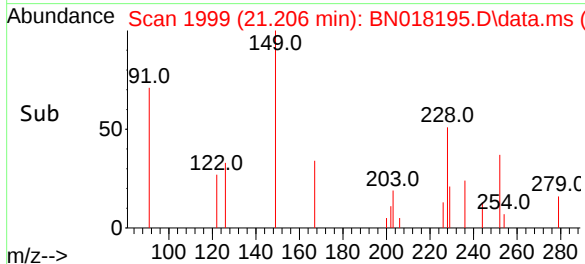
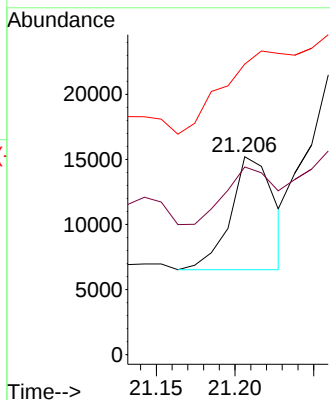
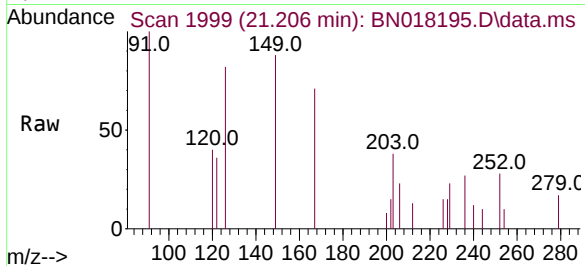




#32
Benzo(a)anthracene
Concen: 0.090 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.032 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

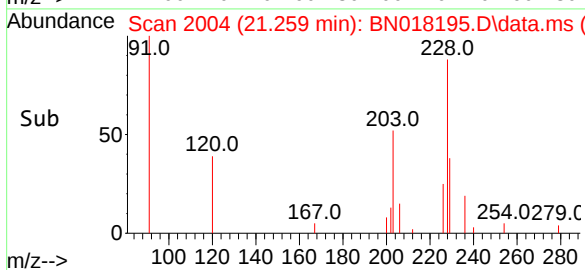
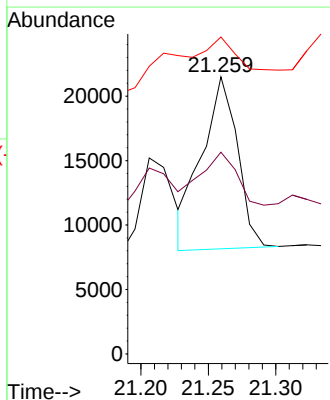
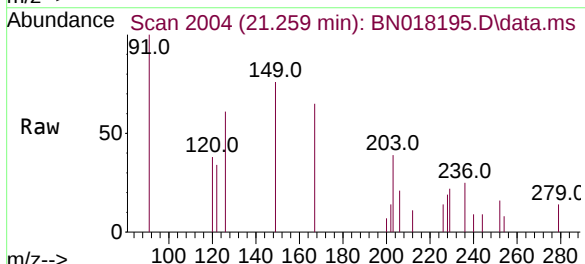
Instrument :
BNA_N
ClientSampleId :
OB-CS-04

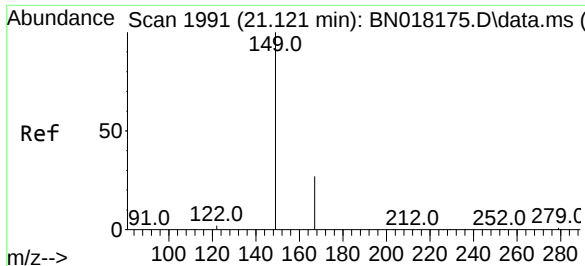
Tgt Ion:228 Resp: 16619
Ion Ratio Lower Upper
228 100
226 94.8 21.3 31.9#
229 146.8 15.9 23.9#



#33
Chrysene
Concen: 0.122 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.032 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

Tgt Ion:228 Resp: 24601
Ion Ratio Lower Upper
228 100
226 72.8 24.2 36.4#
229 114.4 15.5 23.3#

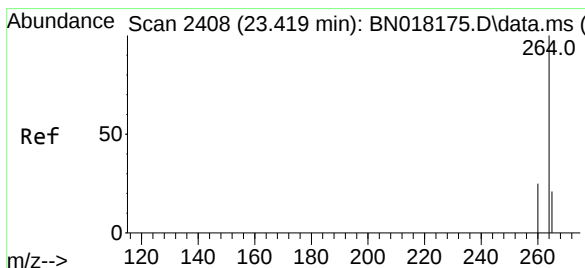
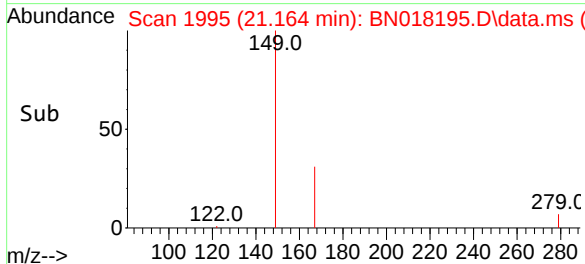
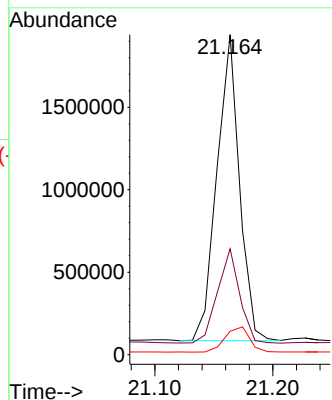
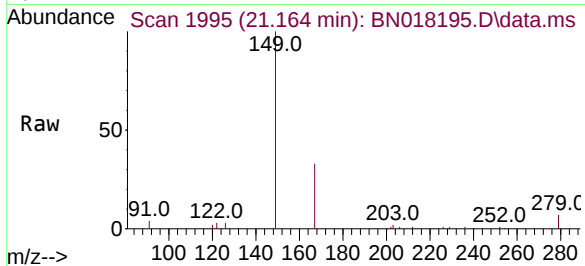




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 24.147 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. 0.043 min
 Lab File: BN018195.D
 Acq: 24 Dec 2021 01:01

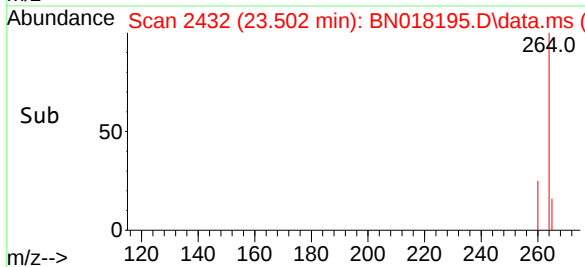
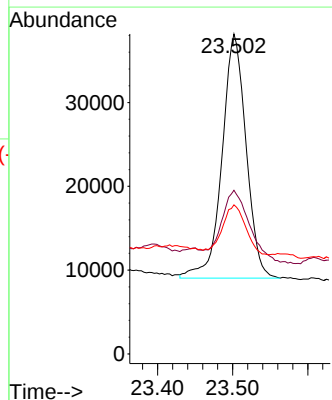
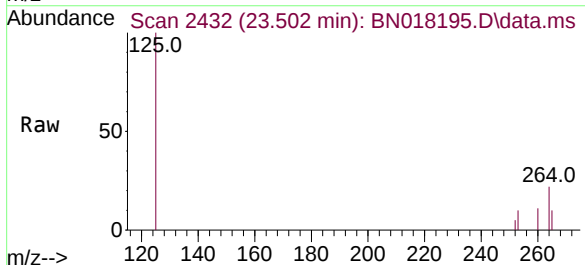
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-04

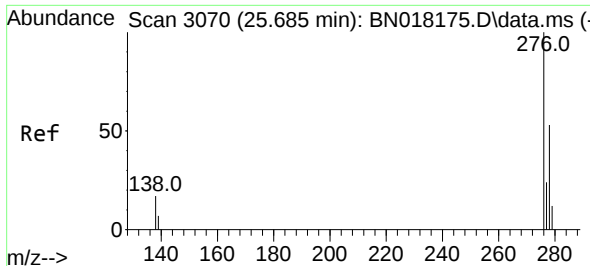
Tgt Ion:149 Resp: 2458395
 Ion Ratio Lower Upper
 149 100
 167 30.2 23.7 35.5
 279 8.9 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.502 min Scan# 2432
 Delta R.T. 0.083 min
 Lab File: BN018195.D
 Acq: 24 Dec 2021 01:01

Tgt Ion:264 Resp: 64748
 Ion Ratio Lower Upper
 264 100
 260 51.2 20.2 30.4#
 265 46.6 18.2 27.2#

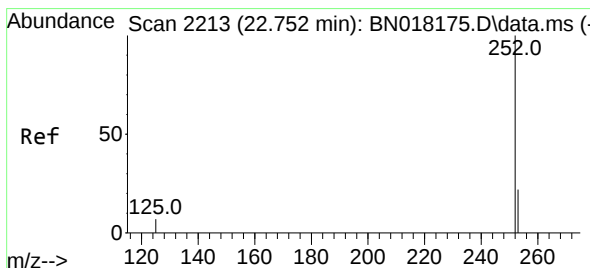
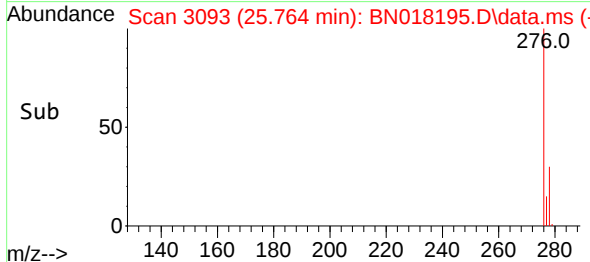
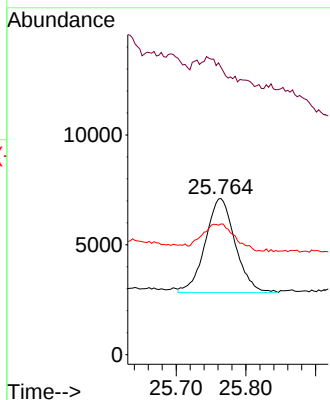
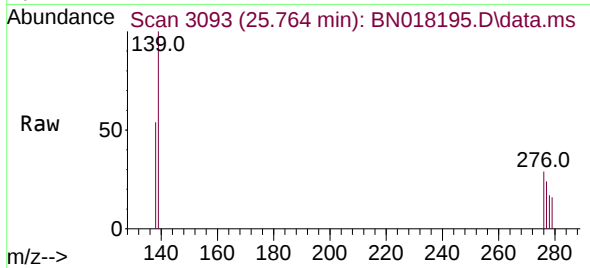




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.068 ng
RT: 25.764 min Scan# 3070
Delta R.T. 0.079 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

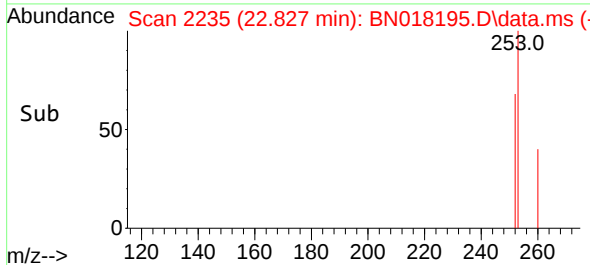
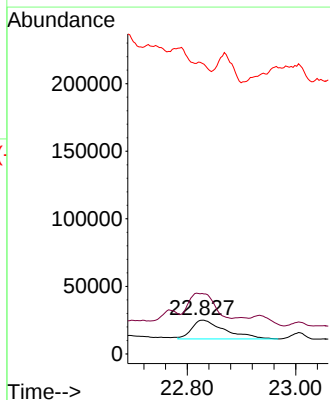
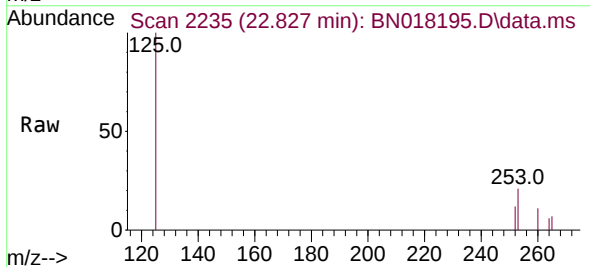
Instrument :
BNA_N
ClientSampleId :
OB-CS-04

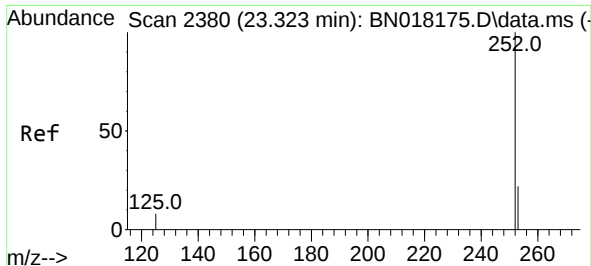
Tgt Ion:276 Resp: 12782
Ion Ratio Lower Upper
276 100
138 0.0 14.9 22.3#
277 31.2 19.9 29.9#



#37
Benzo(b)fluoranthene
Concen: 0.299 ng
RT: 22.827 min Scan# 2235
Delta R.T. 0.075 min
Lab File: BN018195.D
Acq: 24 Dec 2021 01:01

Tgt Ion:252 Resp: 59833
Ion Ratio Lower Upper
252 100
253 179.1 17.8 26.6#
125 860.7 6.0 9.0#





#39

Benzo(a)pyrene

Concen: 0.046 ng

RT: 23.402 min Scan# 2403

Delta R.T. 0.079 min

Lab File: BN018195.D

Acq: 24 Dec 2021 01:01

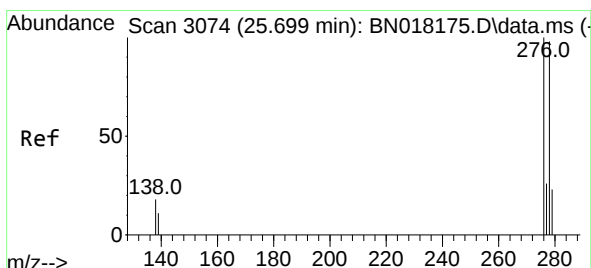
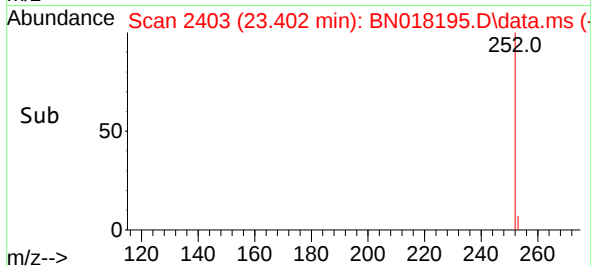
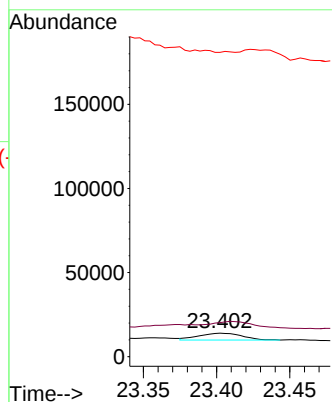
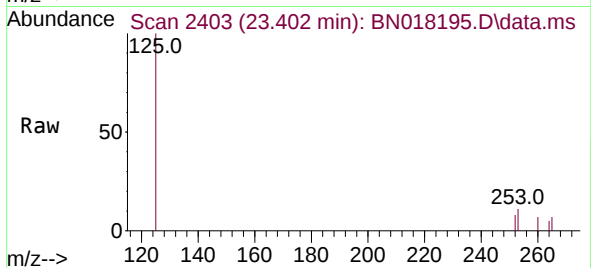
Instrument :

BNA_N

ClientSampleId :

OB-CS-04

Tgt Ion:252 Resp: 8334
 Ion Ratio Lower Upper
 252 100
 253 145.0 17.8 26.6#
 125 1295.0 7.0 10.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.058 ng

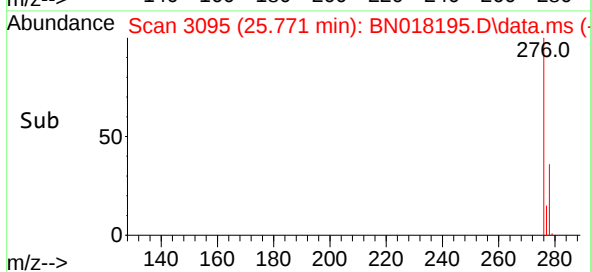
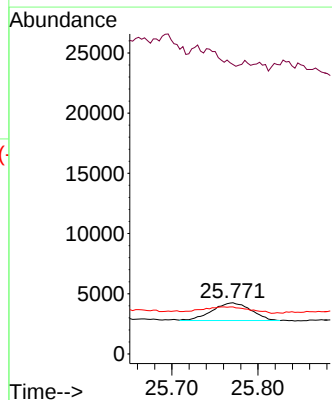
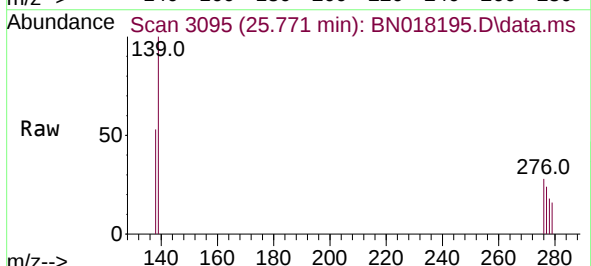
RT: 25.771 min Scan# 3095

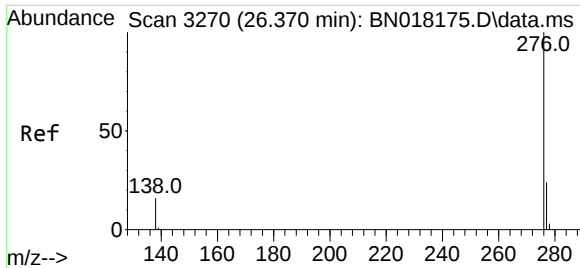
Delta R.T. 0.072 min

Lab File: BN018195.D

Acq: 24 Dec 2021 01:01

Tgt Ion:278 Resp: 4579
 Ion Ratio Lower Upper
 278 100
 139 564.7 10.8 16.2#
 279 91.7 19.0 28.4#





#41

Benzo(g,h,i)perylene

Concen: 0.103 ng

RT: 26.452 min Scan# 31

Delta R.T. 0.082 min

Lab File: BN018195.D

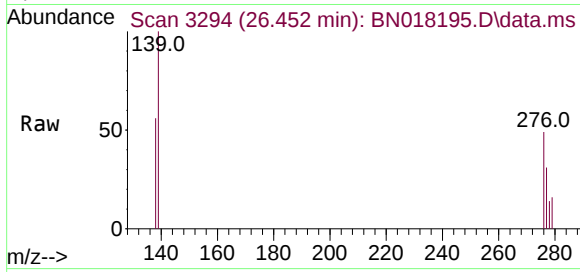
Acq: 24 Dec 2021 01:01

Instrument :

BNA_N

ClientSampleId :

OB-CS-04



Tgt Ion:276 Resp: 17719

Ion Ratio Lower Upper

276 100

277 63.1 19.0 28.6#

138 112.9 12.6 19.0#

