

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
 Data File : BN018197.D
 Acq On : 24 Dec 2021 02:13
 Operator : CG/JU
 Sample : M5107-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-06

Quant Time: Dec 24 23:33:46 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)

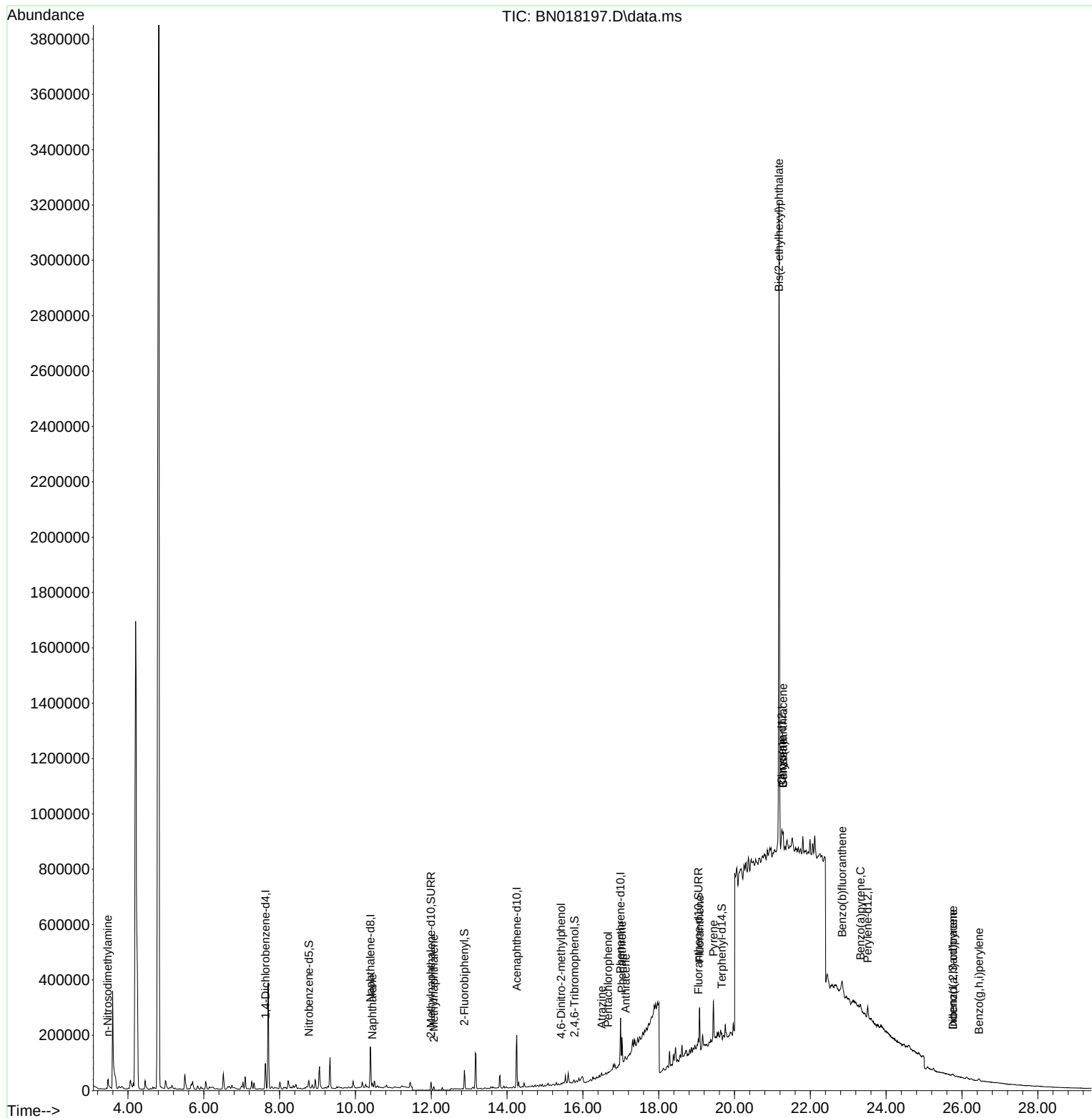
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	39615	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	176564	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	115163	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	214361	0.400	ng	# 0.00
29) Chrysene-d12	21.248	240	64044	0.400	ng	# 0.05
35) Perylene-d12	23.515	264	58088	0.400	ng	# 0.10
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	207	0.002	ng	0.03
5) Phenol-d6	6.822	99	1432	0.015	ng	0.00
8) Nitrobenzene-d5	8.772	82	17665	0.149	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	37577	0.124	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	145	0.182	ng	0.03
15) 2-Fluorobiphenyl	12.873	172	56905	0.132	ng	-0.01
27) Fluoranthene-d10	19.043	212	56182	0.083	ng	0.00
31) Terphenyl-d14	19.663	244	32157	0.228	ng	0.02
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.465	42	11761	0.340	ng	# 1
9) Naphthalene	10.444	128	20279	0.047	ng	96
12) 2-Methylnaphthalene	12.065	142	9411	0.033	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.423	198	222	0.172	ng	# 1
23) Atrazine	16.494	200	4986	0.148	ng	# 1
24) Pentachlorophenol	16.664	266	1392	0.313	ng	# 70
25) Phenanthrene	17.029	178	94878	0.167	ng	# 85
26) Anthracene	17.127	178	11717	0.025	ng	# 4
28) Fluoranthene	19.078	202	141058	0.212	ng	97
30) Pyrene	19.445	202	138291	0.673	ng	# 90
32) Benzo(a)anthracene	21.280	228	101434	0.545	ng	# 13
33) Chrysene	21.280	228	87983	0.433	ng	# 21
34) Bis(2-ethylhexyl)phtha...	21.174	149	2492104	24.232	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.760	276	10834	0.064	ng	# 71
37) Benzo(b)fluoranthene	22.841	252	73802	0.411	ng	# 1
39) Benzo(a)pyrene	23.320	252	33101	0.205	ng	# 1
40) Dibenzo(a,h)anthracene	25.760	278	3349	0.053	ng	# 1
41) Benzo(g,h,i)perylene	26.448	276	17217	0.111	ng	# 1

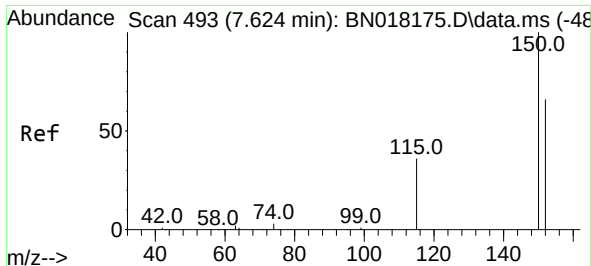
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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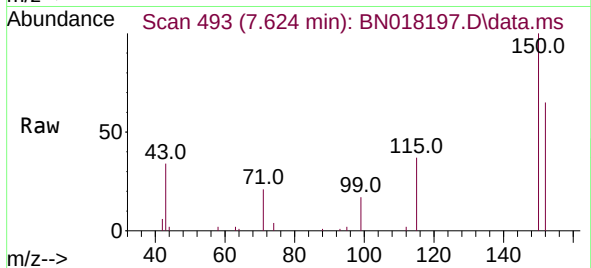
Quant Time: Dec 24 23:33:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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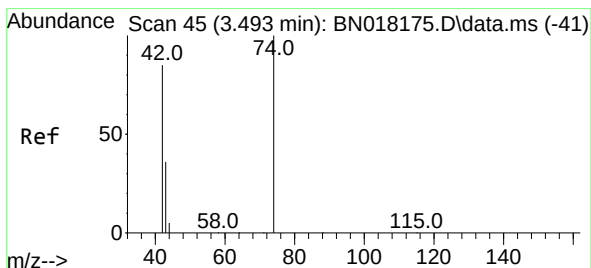
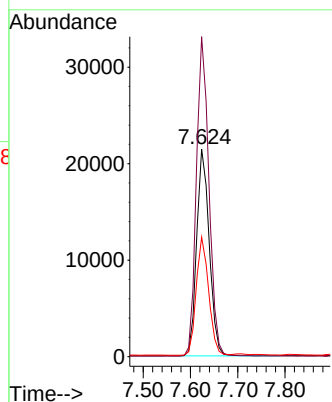
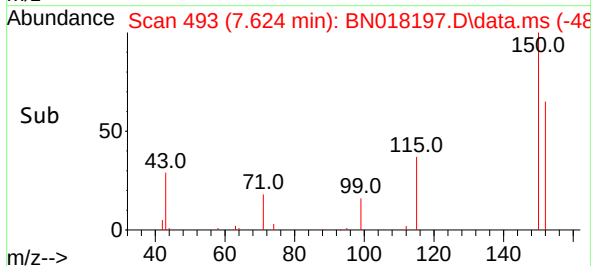


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

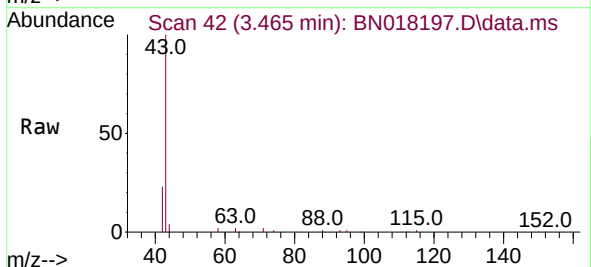
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



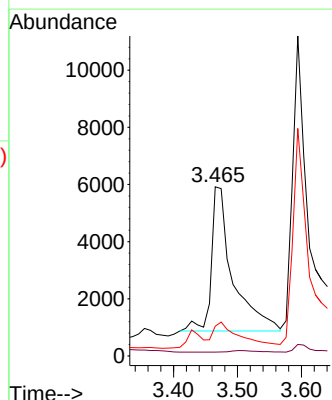
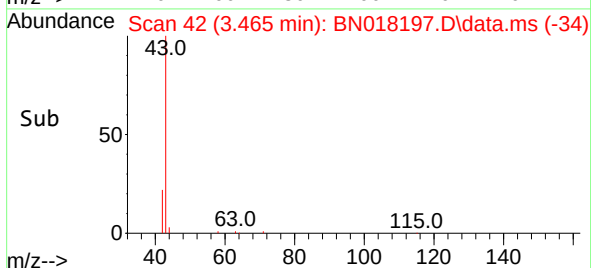
Tgt Ion:152 Resp: 39615
Ion Ratio Lower Upper
152 100
150 154.0 121.7 182.5
115 57.5 43.8 65.8

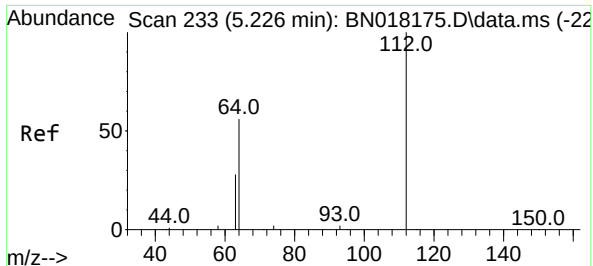


#3
n-Nitrosodimethylamine
Concen: 0.340 ng
RT: 3.465 min Scan# 42
Delta R.T. -0.028 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13



Tgt Ion: 42 Resp: 11761
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 17.8 5.8 8.8#

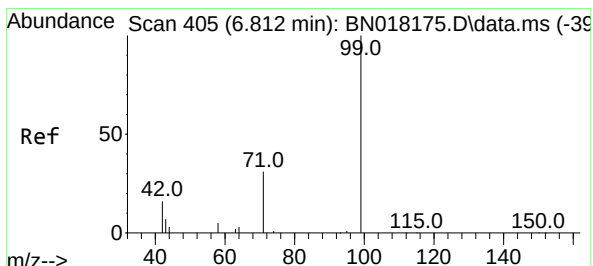
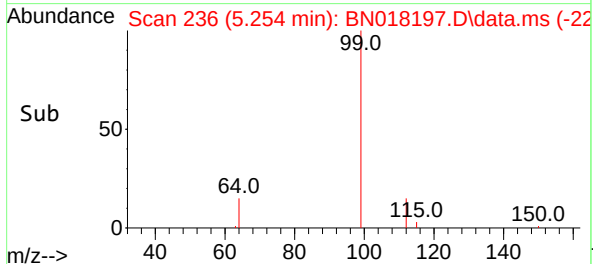
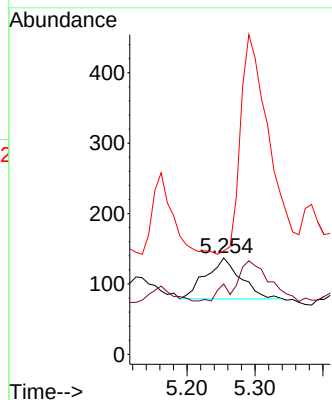
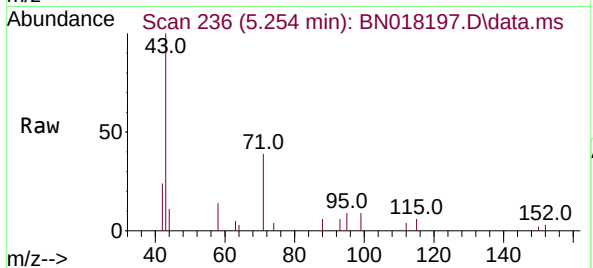




#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.254 min Scan# 21
Delta R.T. 0.028 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

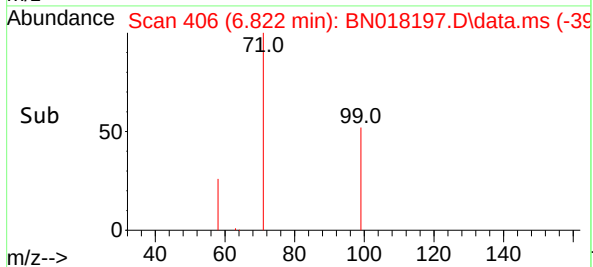
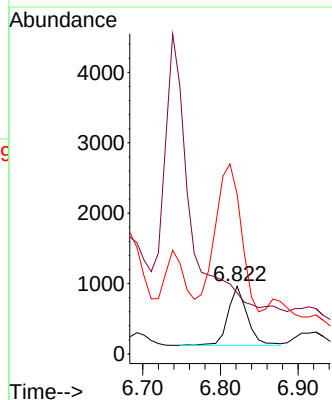
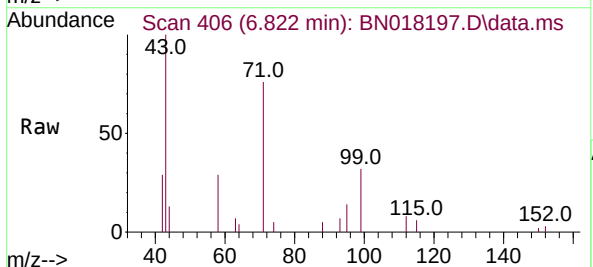
Instrument :
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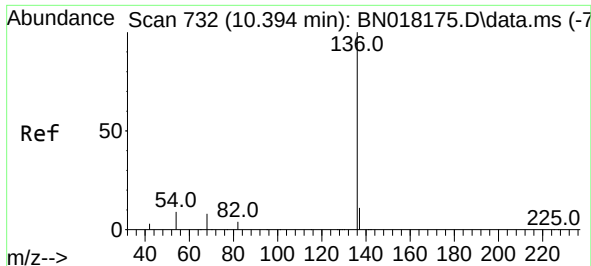
Tgt Ion:112 Resp: 207
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#



#5
Phenol-d6
Concen: 0.015 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.010 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Tgt Ion: 99 Resp: 1432
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 340.4 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: BN018197.D
Acq: 24 Dec 2021 02:13

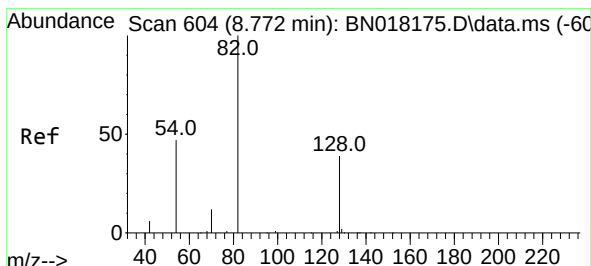
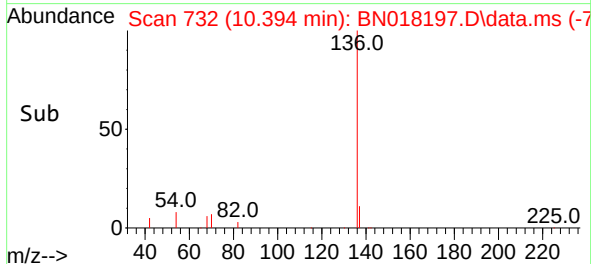
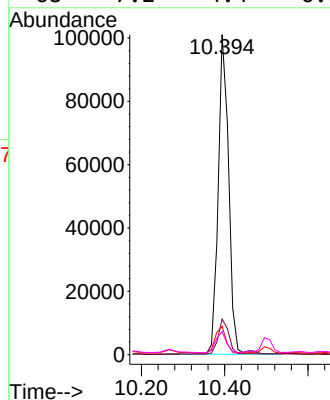
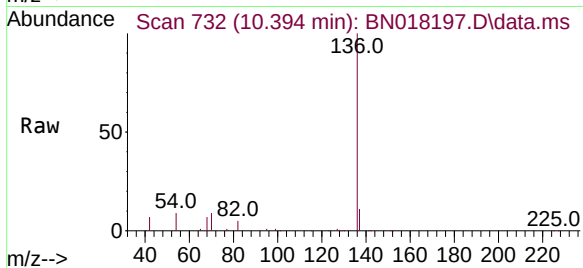
Instrument :

BNA_N

ClientSampleId :

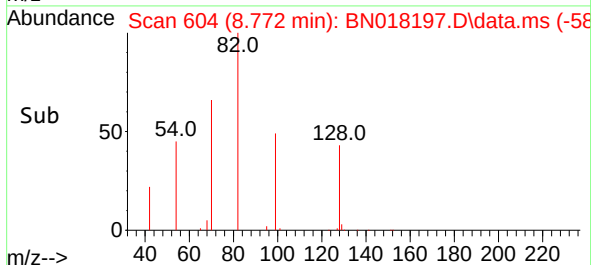
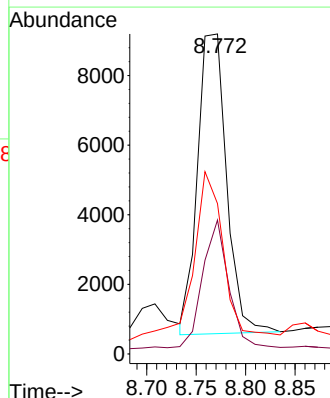
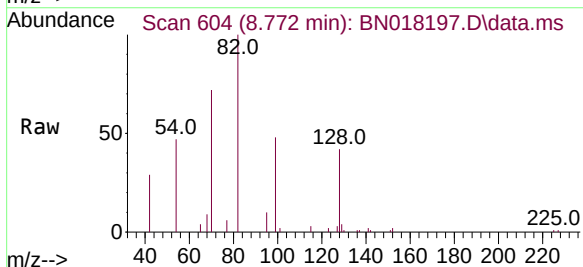
OB-CS-06

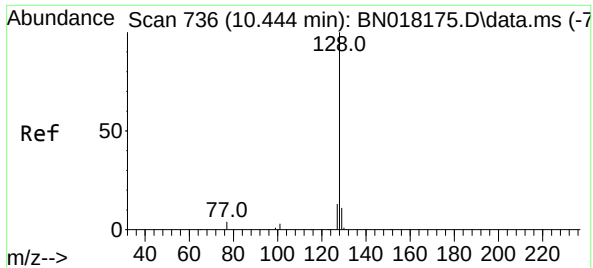
Tgt Ion:136 Resp: 176564
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.9 5.0 7.6#
68 7.2 4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.149 ng
RT: 8.772 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Tgt Ion: 82 Resp: 17665
Ion Ratio Lower Upper
82 100
128 41.9 33.7 50.5
54 47.0 36.6 55.0

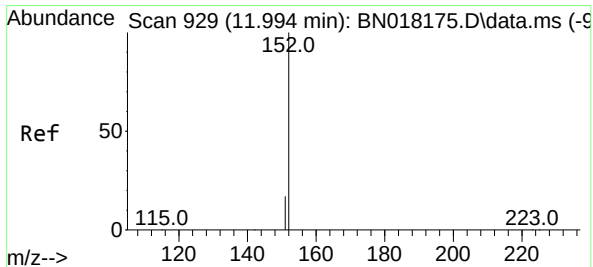
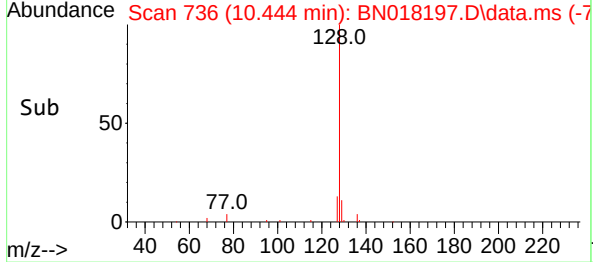
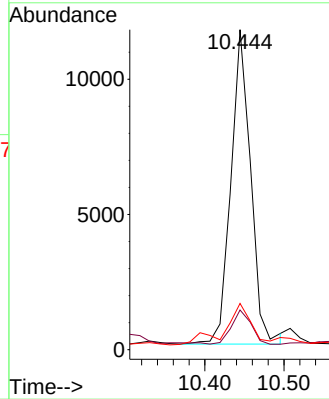
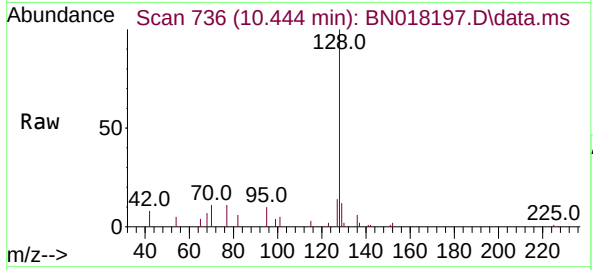




#9
Naphthalene
Concen: 0.047 ng
RT: 10.444 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

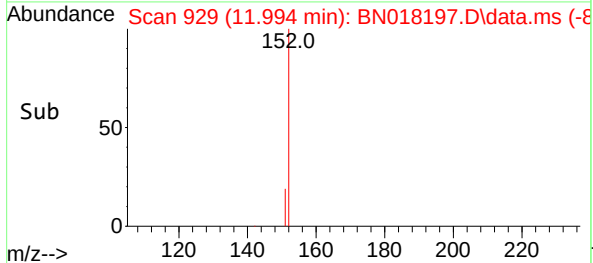
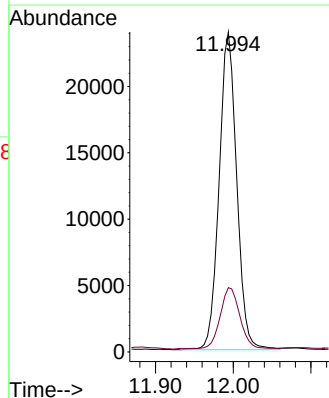
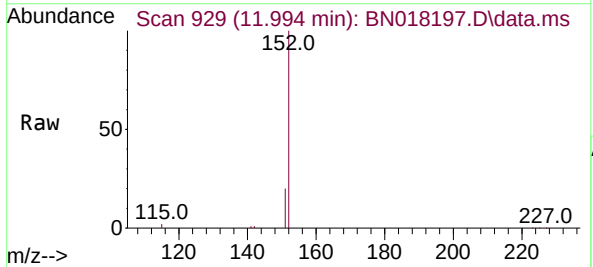
Instrument :
BNA_N
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OB-CS-06

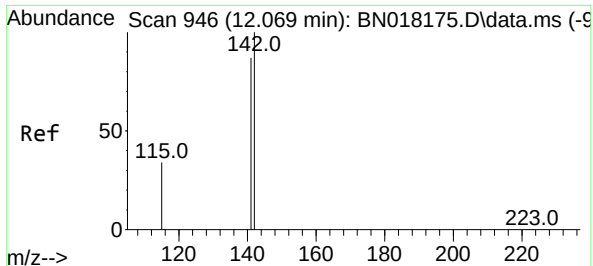
Tgt Ion:	128	Resp:	20279
Ion Ratio	Lower	Upper	
128	100		
129	12.4	8.7	13.1
127	14.5	10.4	15.6



#11
2-Methylnaphthalene-d10
Concen: 0.124 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Tgt Ion:	152	Resp:	37577
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.2	24.2





#12

2-Methylnaphthalene

Concen: 0.033 ng

RT: 12.065 min Scan# 946

Delta R.T. -0.004 min

Lab File: BN018197.D

Acq: 24 Dec 2021 02:13

Instrument :

BNA_N

ClientSampleId :

OB-CS-06

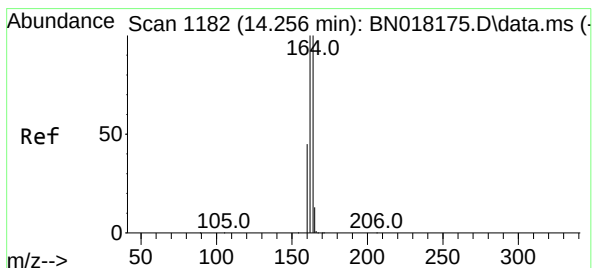
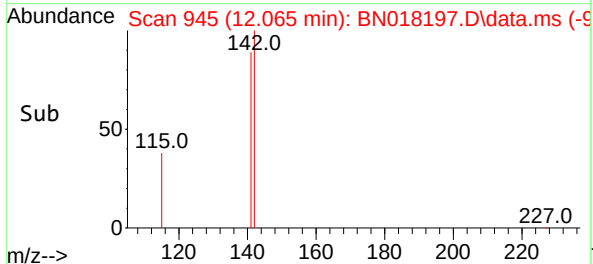
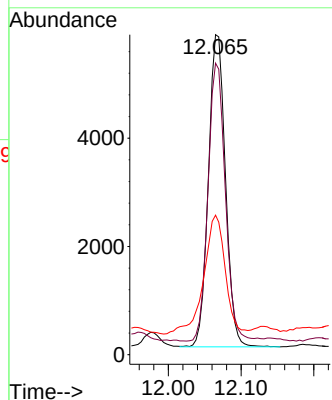
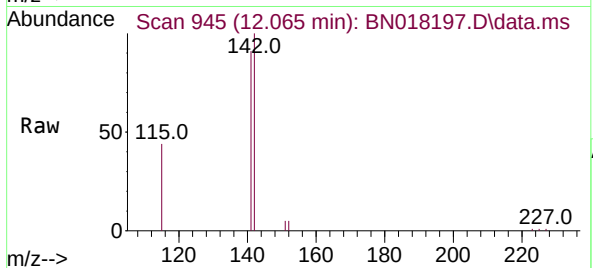
Tgt Ion:142 Resp: 9411

Ion Ratio Lower Upper

142 100

141 91.1 70.0 105.0

115 43.6 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: BN018197.D

Acq: 24 Dec 2021 02:13

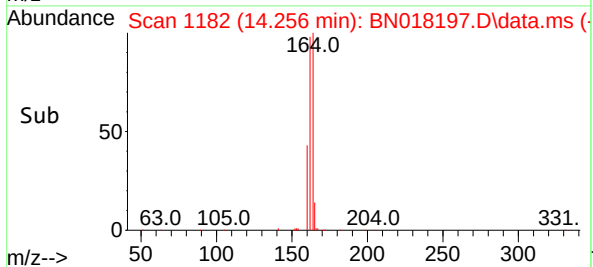
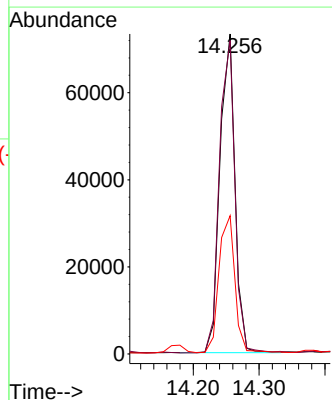
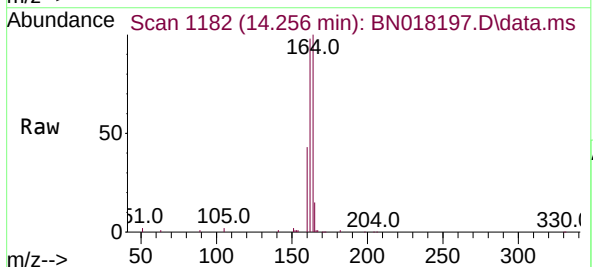
Tgt Ion:164 Resp: 115163

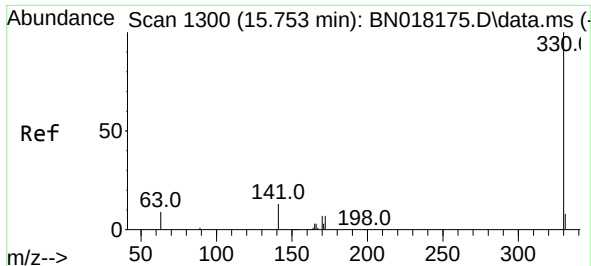
Ion Ratio Lower Upper

164 100

162 97.9 80.2 120.2

160 43.2 36.9 55.3

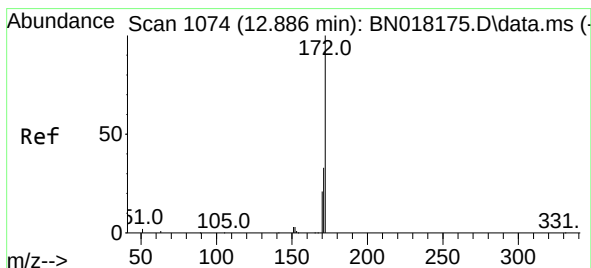
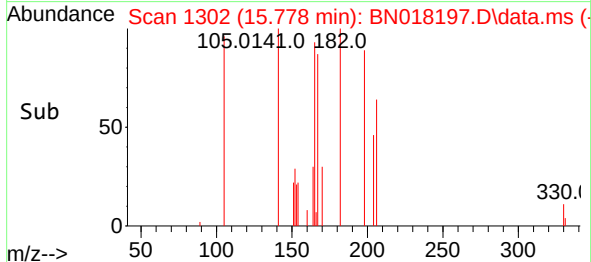
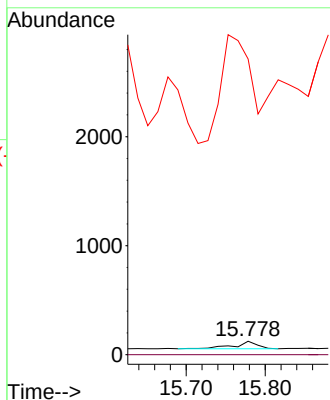
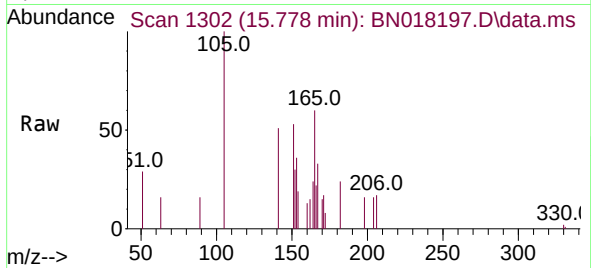




#14
 2,4,6-Tribromophenol
 Concen: 0.182 ng
 RT: 15.778 min Scan# 11
 Delta R.T. 0.025 min
 Lab File: BN018197.D
 Acq: 24 Dec 2021 02:13

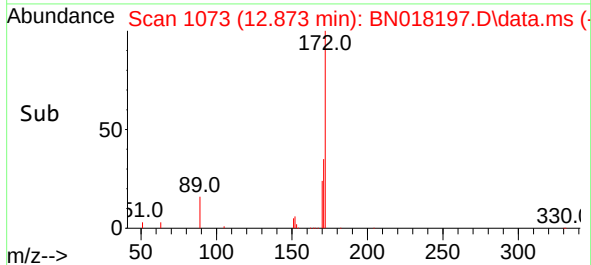
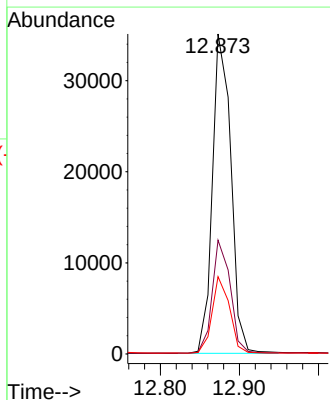
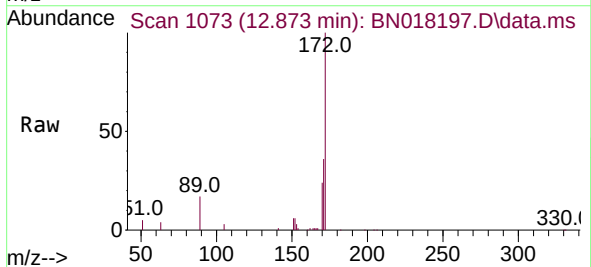
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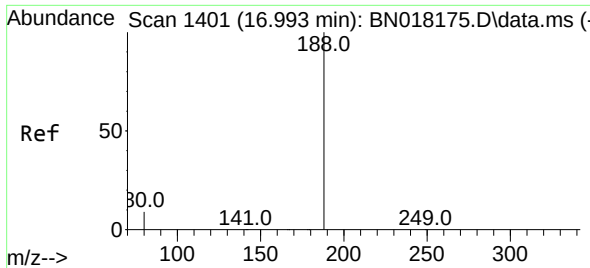
Tgt Ion: 330 Resp: 145
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 0.0 21.3 31.9#



#15
 2-Fluorobiphenyl
 Concen: 0.132 ng
 RT: 12.873 min Scan# 1073
 Delta R.T. -0.013 min
 Lab File: BN018197.D
 Acq: 24 Dec 2021 02:13

Tgt Ion: 172 Resp: 56905
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.4 41.0
 170 24.2 18.4 27.6

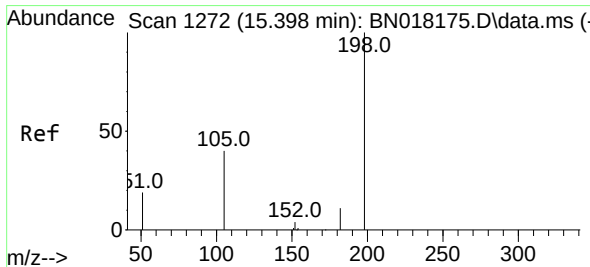
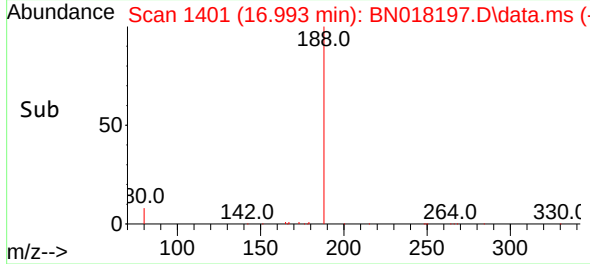
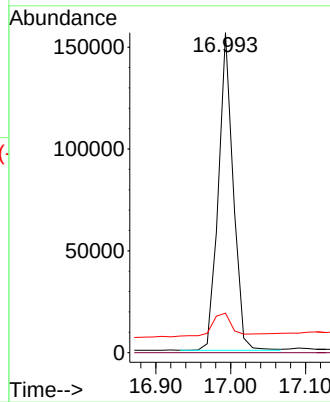
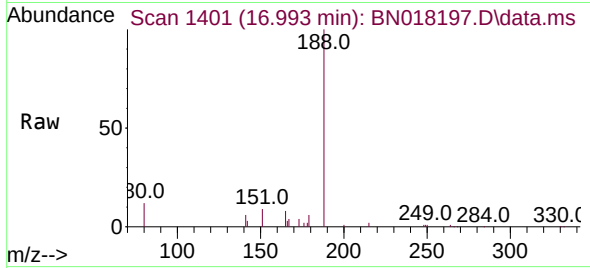




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

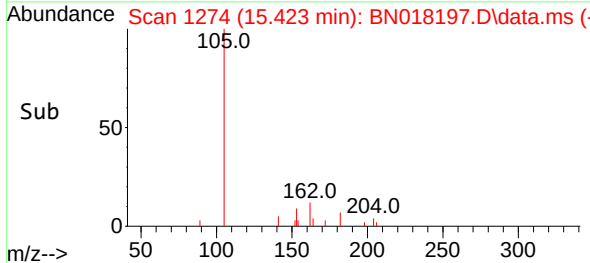
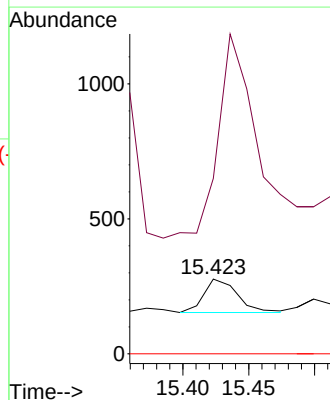
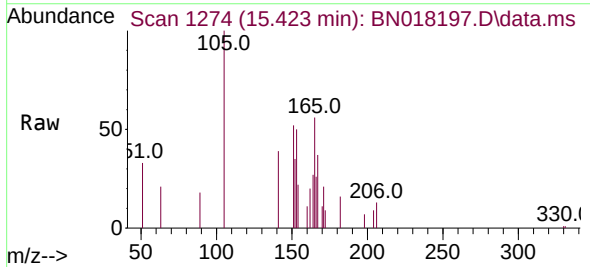
Instrument :
BNA_N
ClientSampleId :
OB-CS-06

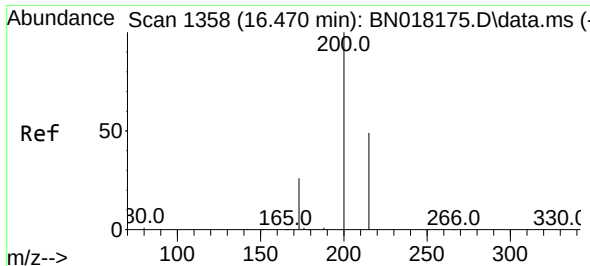
Tgt Ion:188 Resp: 214361
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 7.0 10.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.172 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.025 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Tgt Ion:198 Resp: 222
Ion Ratio Lower Upper
198 100
182 234.7 15.5 23.3#
77 0.0 0.0 0.0

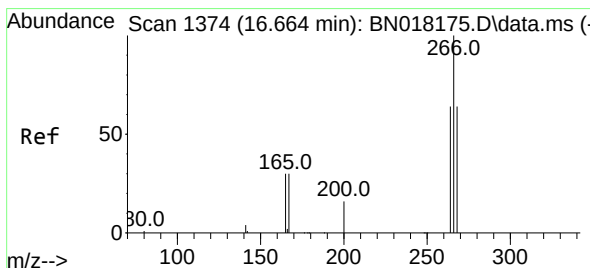
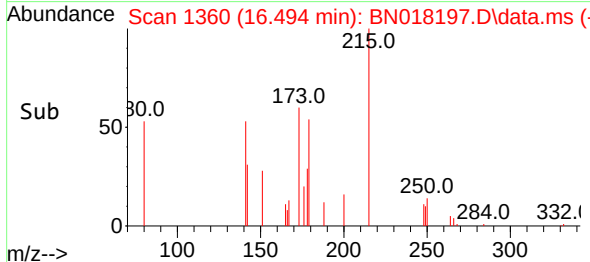
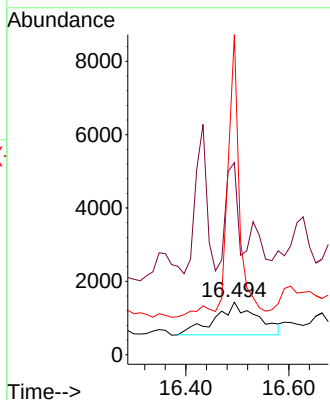
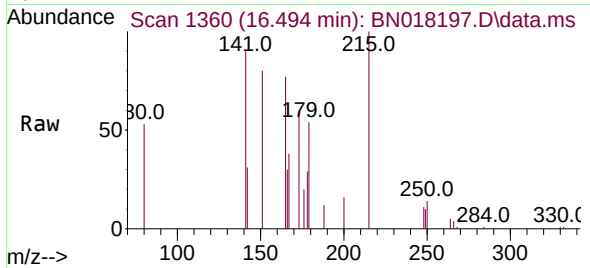




#23
 Atrazine
 Concen: 0.148 ng
 RT: 16.494 min Scan# 1360
 Delta R.T. 0.024 min
 Lab File: BN018197.D
 Acq: 24 Dec 2021 02:13

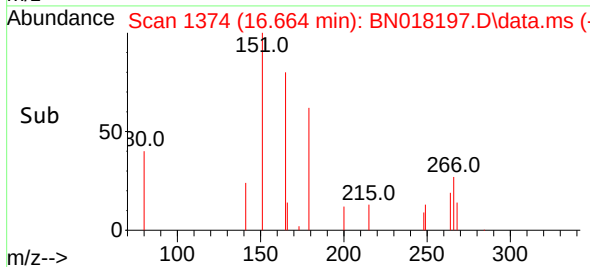
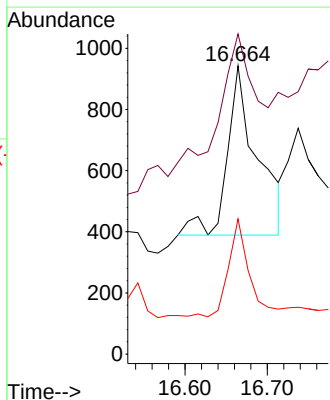
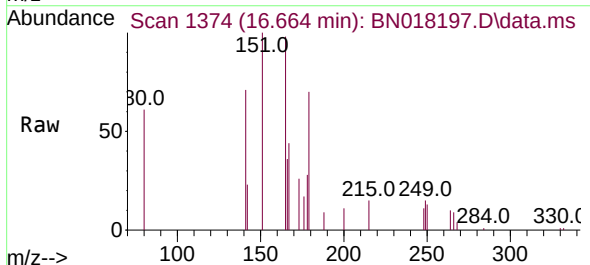
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-06

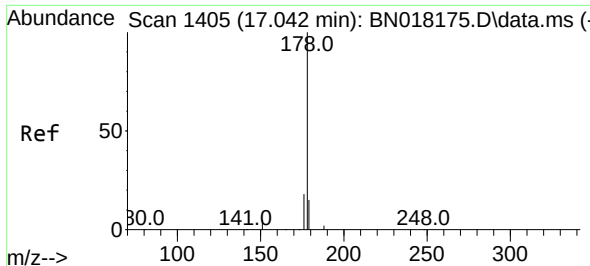
Tgt Ion:200 Resp: 4986
 Ion Ratio Lower Upper
 200 100
 173 365.5 20.3 30.5#
 215 609.1 40.4 60.6#



#24
 Pentachlorophenol
 Concen: 0.313 ng
 RT: 16.664 min Scan# 1374
 Delta R.T. 0.000 min
 Lab File: BN018197.D
 Acq: 24 Dec 2021 02:13

Tgt Ion:266 Resp: 1392
 Ion Ratio Lower Upper
 266 100
 264 84.3 49.5 74.3#
 268 39.2 50.6 76.0#

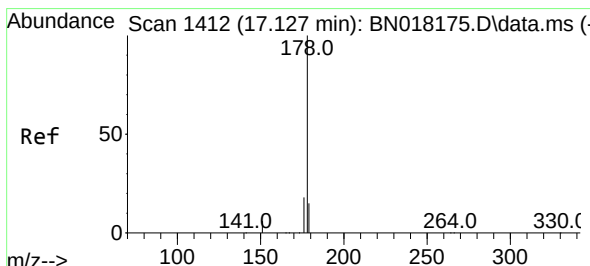
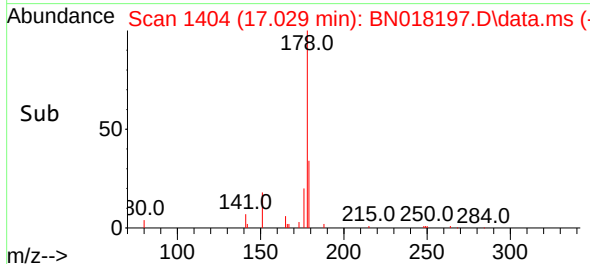
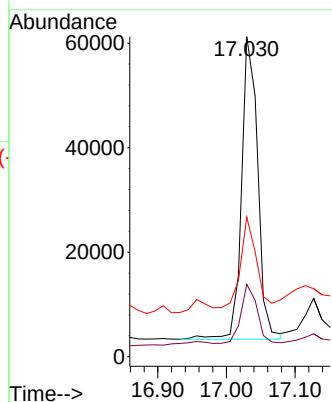
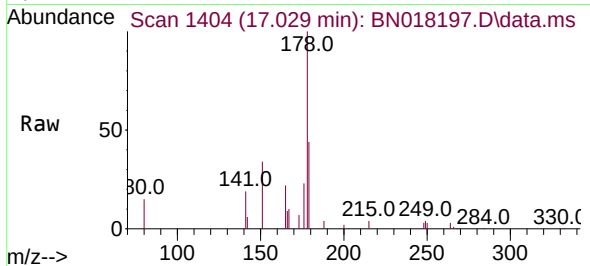




#25
Phenanthrene
Concen: 0.167 ng
RT: 17.029 min Scan# 1404
Delta R.T. -0.013 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

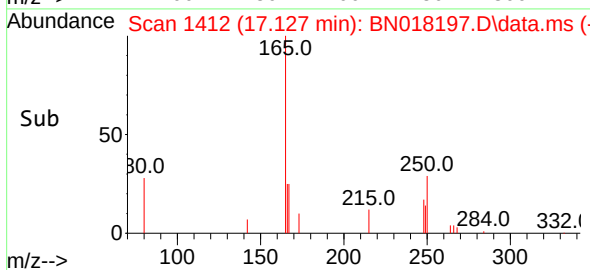
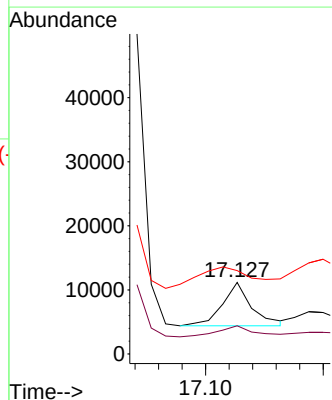
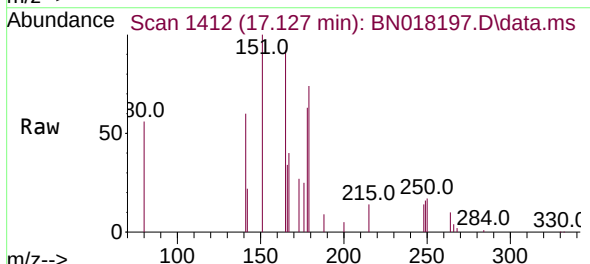
Instrument :
BNA_N
ClientSampleId :
OB-CS-06

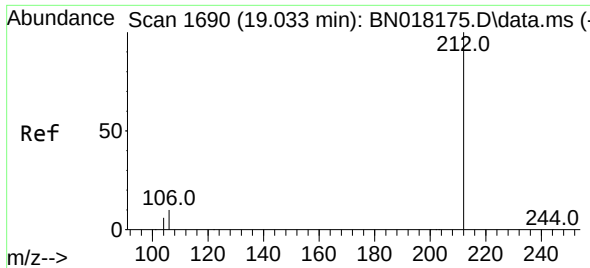
Tgt Ion:178 Resp: 94878
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 28.8 12.3 18.5#



#26
Anthracene
Concen: 0.025 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Tgt Ion:178 Resp: 11717
Ion Ratio Lower Upper
178 100
176 32.3 14.8 22.2#
179 88.2 12.2 18.4#

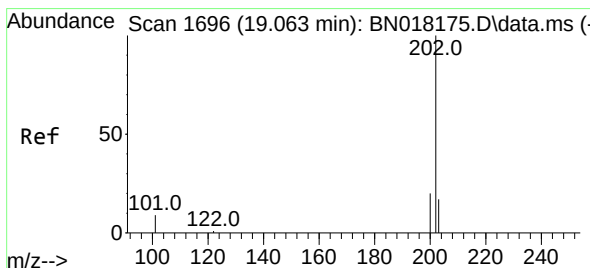
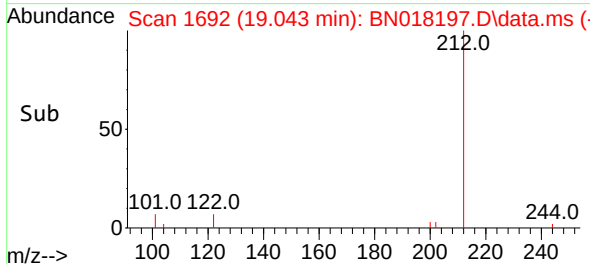
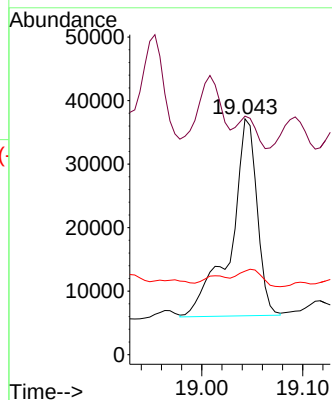
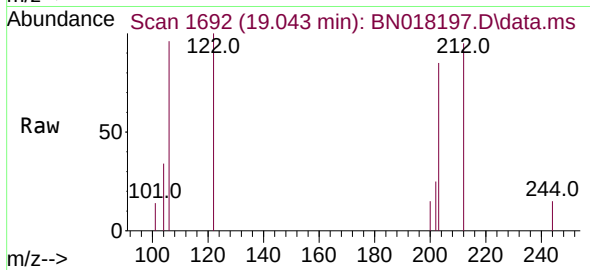




#27
Fluoranthene-d10
Concen: 0.083 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.010 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

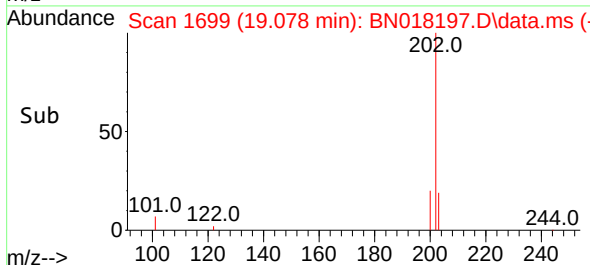
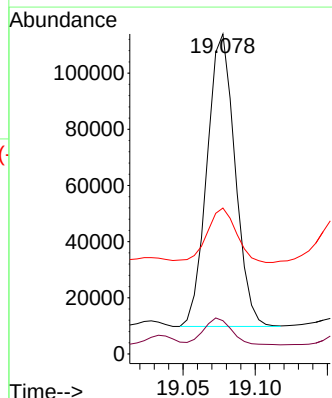
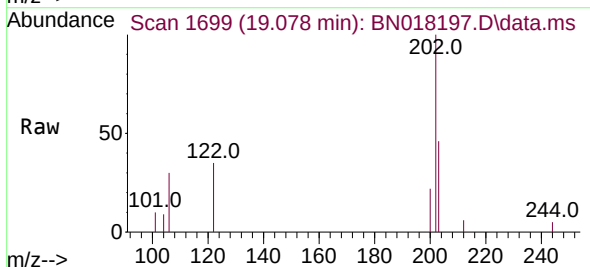
Instrument :
BNA_N
ClientSampleId :
OB-CS-06

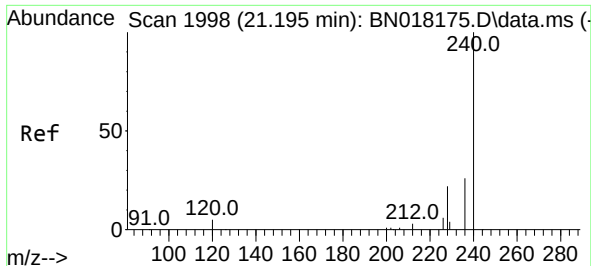
Tgt Ion:212 Resp: 56182
Ion Ratio Lower Upper
212 100
106 11.6 8.4 12.6
104 7.8 4.5 6.7#



#28
Fluoranthene
Concen: 0.212 ng
RT: 19.078 min Scan# 1699
Delta R.T. 0.015 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Tgt Ion:202 Resp: 141058
Ion Ratio Lower Upper
202 100
101 9.0 7.2 10.8
203 19.3 13.7 20.5

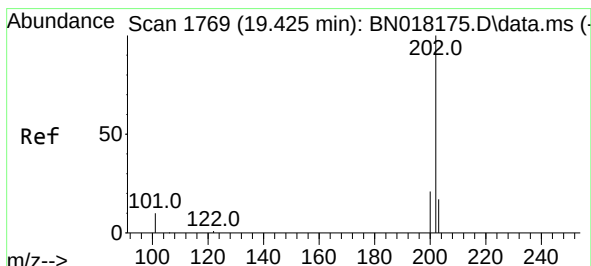
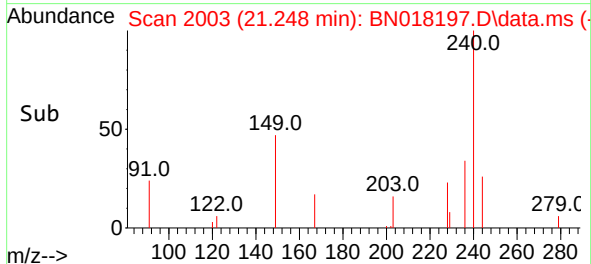
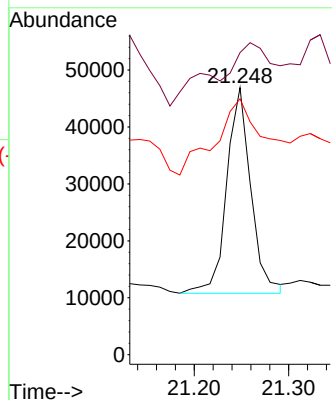
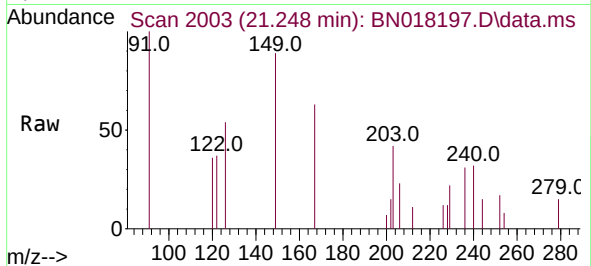




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 20
Delta R.T. 0.053 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

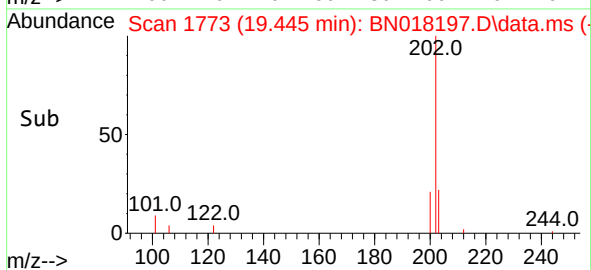
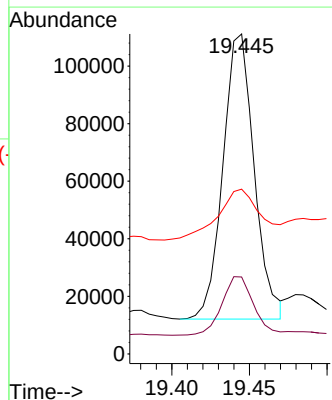
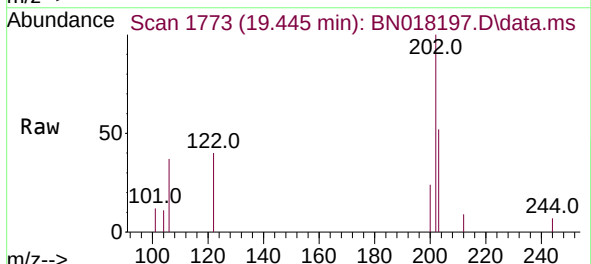
Instrument :
BNA_N
ClientSampleId :
OB-CS-06

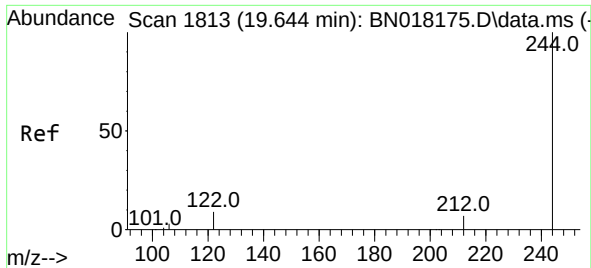
Tgt Ion:240 Resp: 64044
Ion Ratio Lower Upper
240 100
120 113.1 6.0 9.0#
236 95.8 21.4 32.2#



#30
Pyrene
Concen: 0.673 ng
RT: 19.445 min Scan# 1773
Delta R.T. 0.020 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Tgt Ion:202 Resp: 138291
Ion Ratio Lower Upper
202 100
200 23.0 16.6 25.0
203 24.6 14.1 21.1#

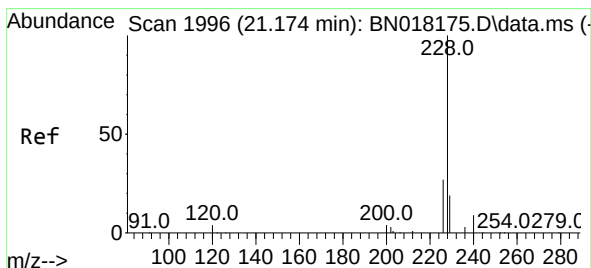
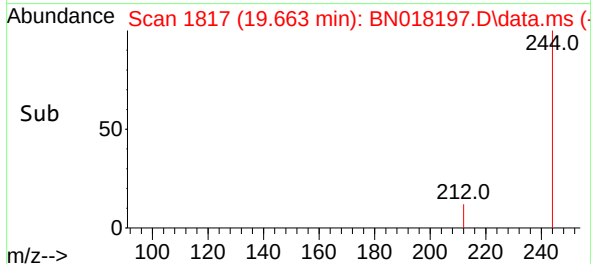
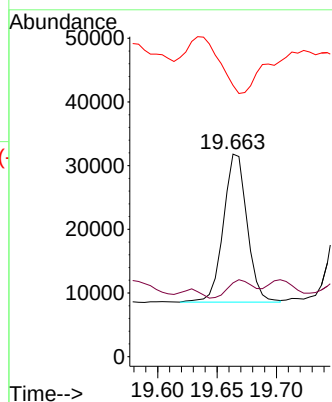
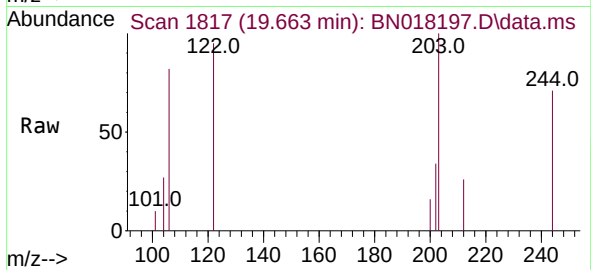




#31
 Terphenyl-d14
 Concen: 0.228 ng
 RT: 19.663 min Scan# 11
 Delta R.T. 0.019 min
 Lab File: BN018197.D
 Acq: 24 Dec 2021 02:13

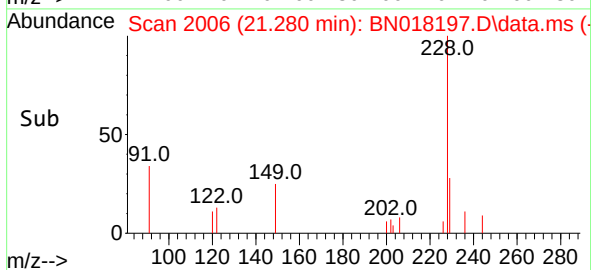
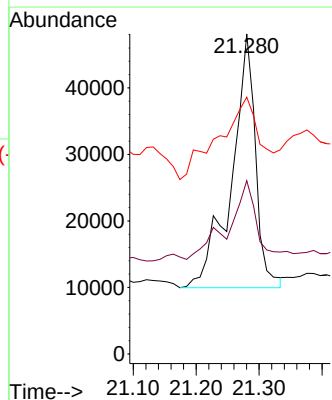
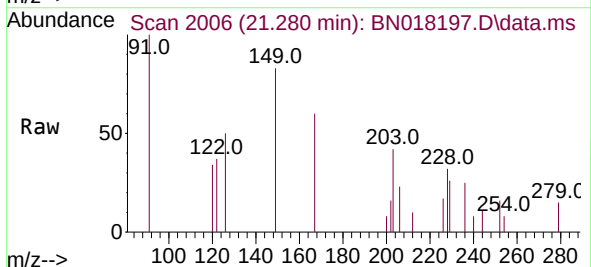
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-06

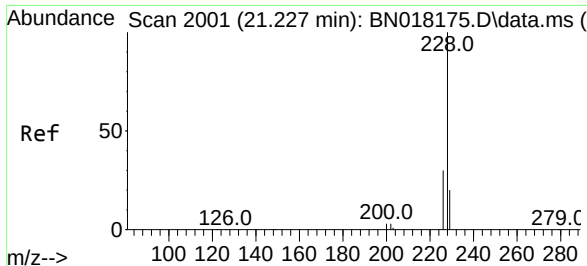
Tgt Ion:244 Resp: 32157
 Ion Ratio Lower Upper
 244 100
 212 36.4 6.2 9.2#
 122 134.0 7.9 11.9#



#32
 Benzo(a)anthracene
 Concen: 0.545 ng
 RT: 21.280 min Scan# 2006
 Delta R.T. 0.106 min
 Lab File: BN018197.D
 Acq: 24 Dec 2021 02:13

Tgt Ion:228 Resp: 101434
 Ion Ratio Lower Upper
 228 100
 226 54.2 21.3 31.9#
 229 80.2 15.9 23.9#

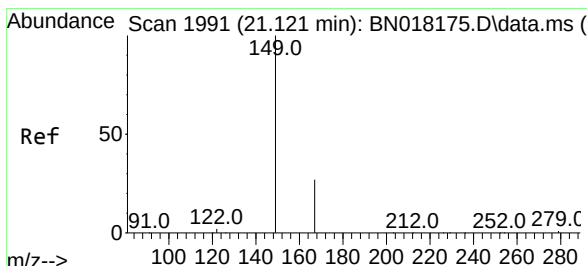
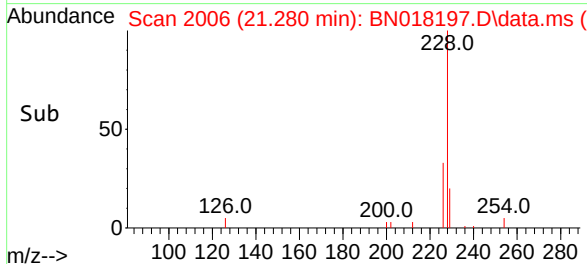
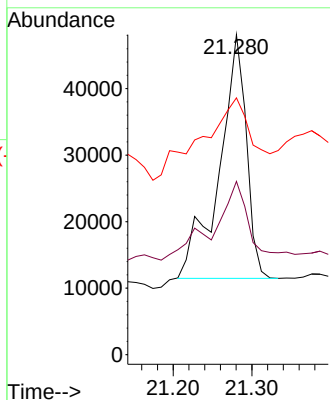
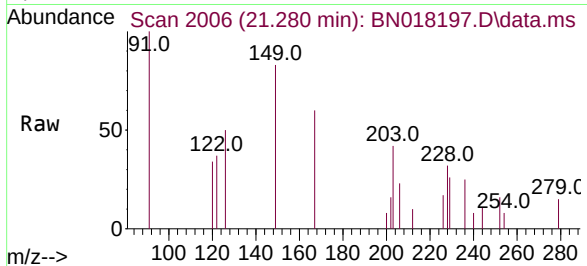




#33
Chrysene
Concen: 0.433 ng
RT: 21.280 min Scan# 2006
Delta R.T. 0.053 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

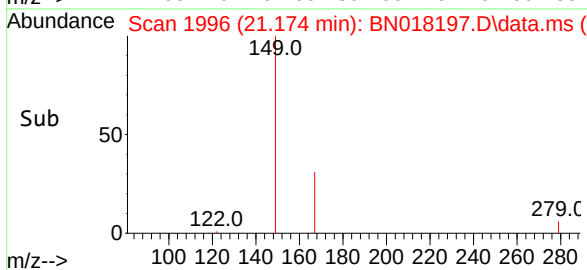
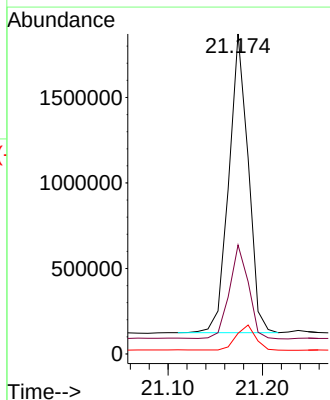
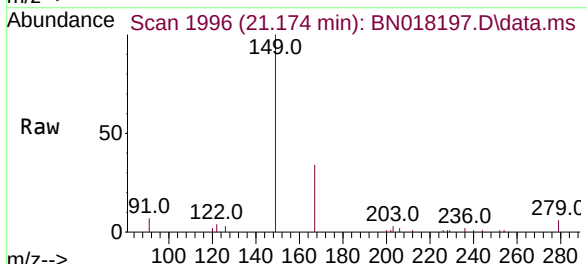
Instrument :
BNA_N
ClientSampleId :
OB-CS-06

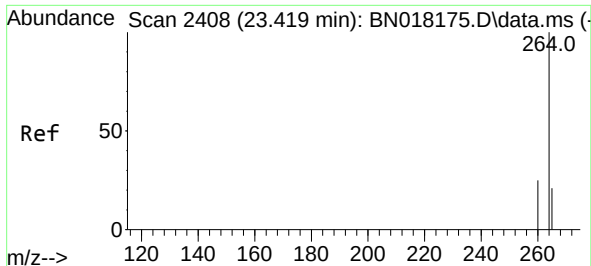
Tgt Ion:228 Resp: 87983
Ion Ratio Lower Upper
228 100
226 54.2 24.2 36.4#
229 80.2 15.5 23.3#



#34
Bis(2-ethylhexyl)phthalate
Concen: 24.232 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.053 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Tgt Ion:149 Resp: 2492104
Ion Ratio Lower Upper
149 100
167 31.2 23.7 35.5
279 8.4 3.6 5.4#

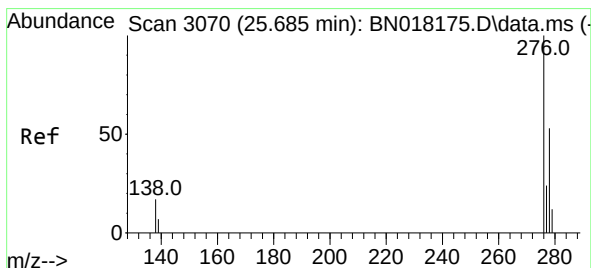
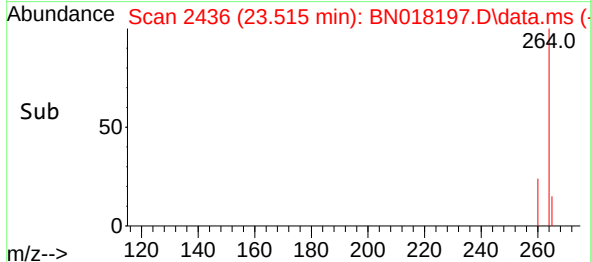
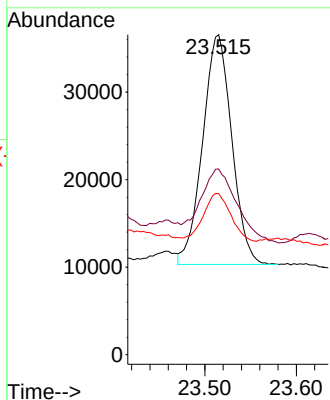
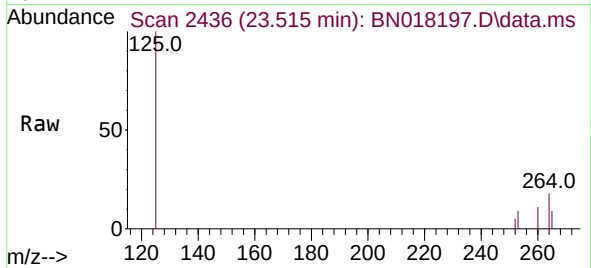




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2408
 Delta R.T. 0.096 min
 Lab File: BN018197.D
 Acq: 24 Dec 2021 02:13

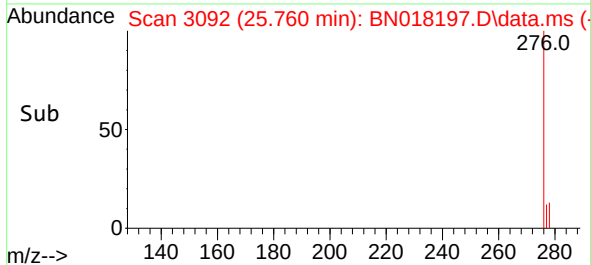
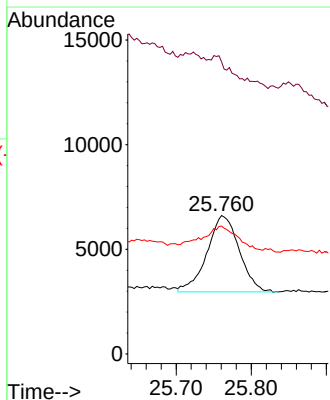
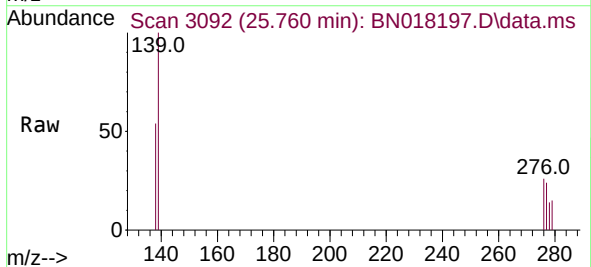
Instrument :
 BNA_N
 ClientSampleId :
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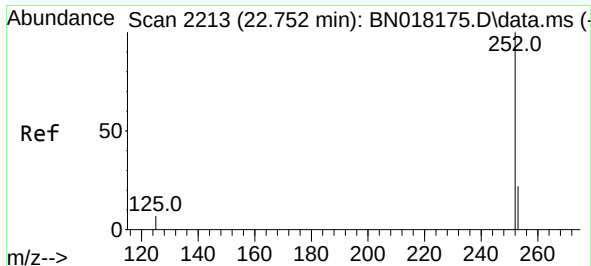
Tgt Ion:264 Resp: 58088
 Ion Ratio Lower Upper
 264 100
 260 58.1 20.2 30.4#
 265 50.3 18.2 27.2#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.064 ng
 RT: 25.760 min Scan# 3092
 Delta R.T. 0.075 min
 Lab File: BN018197.D
 Acq: 24 Dec 2021 02:13

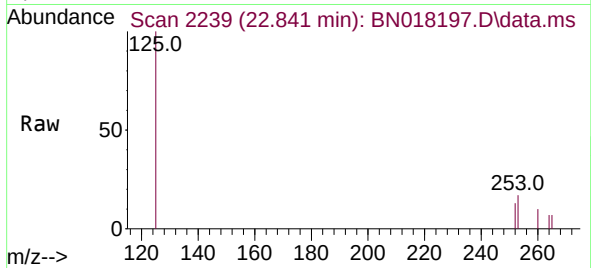
Tgt Ion:276 Resp: 10834
 Ion Ratio Lower Upper
 276 100
 138 0.0 14.9 22.3#
 277 34.5 19.9 29.9#



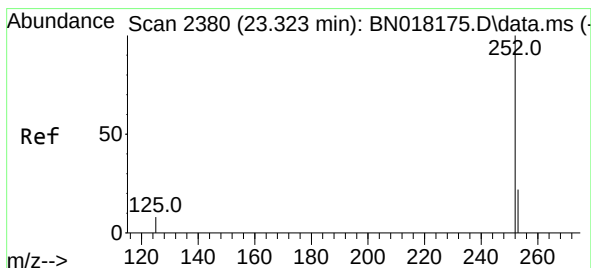
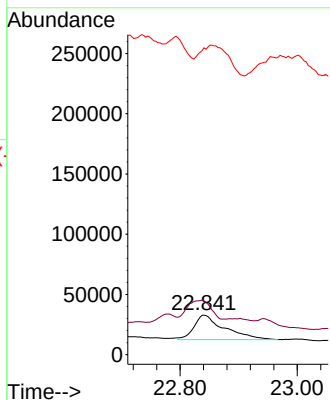
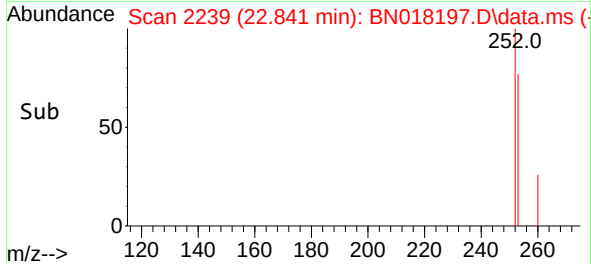


#37
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 22.841 min Scan# 21
Delta R.T. 0.089 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Instrument :
BNA_N
ClientSampleId :
OB-CS-06

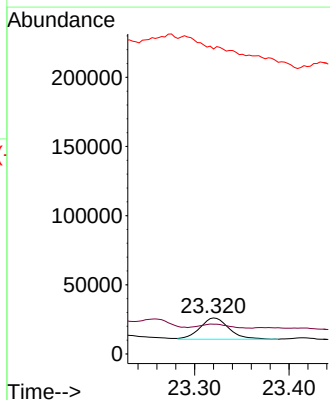
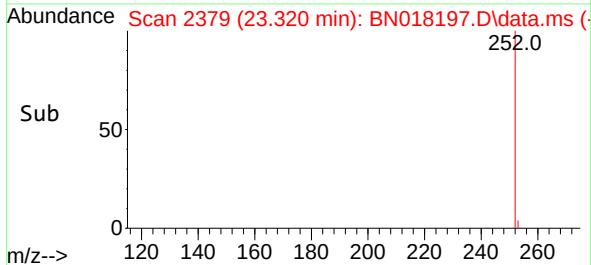
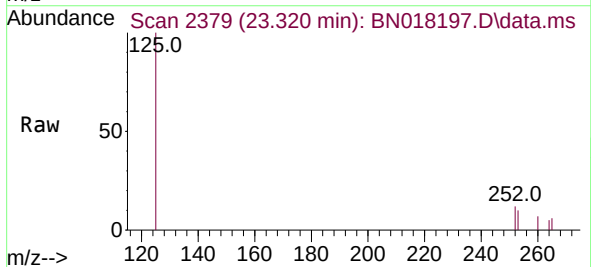


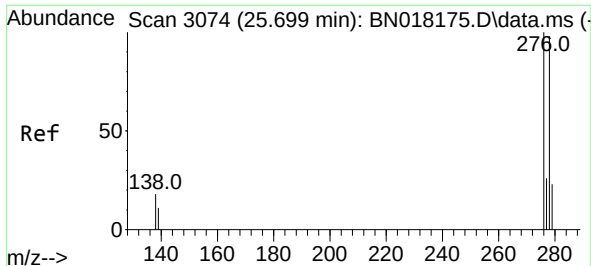
Tgt Ion:252 Resp: 73802
Ion Ratio Lower Upper
252 100
253 135.2 17.8 26.6#
125 777.2 6.0 9.0#



#39
Benzo(a)pyrene
Concen: 0.205 ng
RT: 23.320 min Scan# 2379
Delta R.T. -0.003 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Tgt Ion:252 Resp: 33101
Ion Ratio Lower Upper
252 100
253 82.8 17.8 26.6#
125 848.0 7.0 10.4#

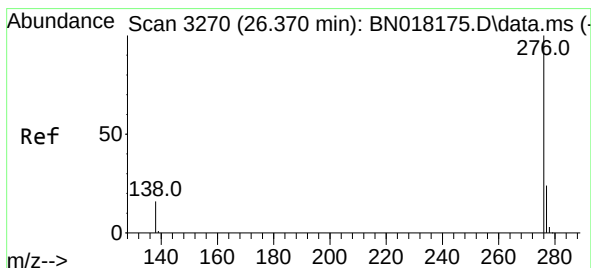
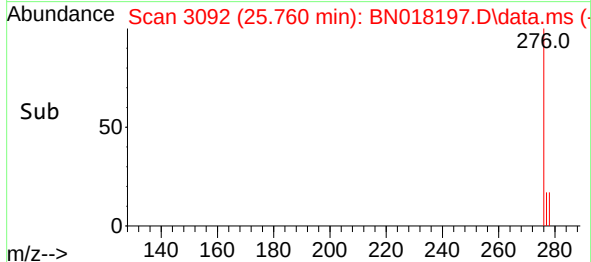
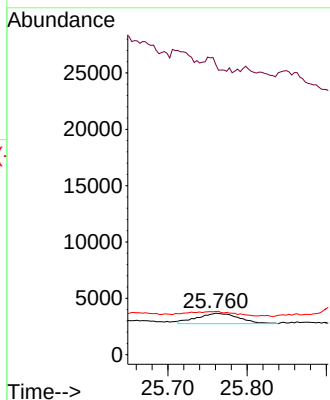
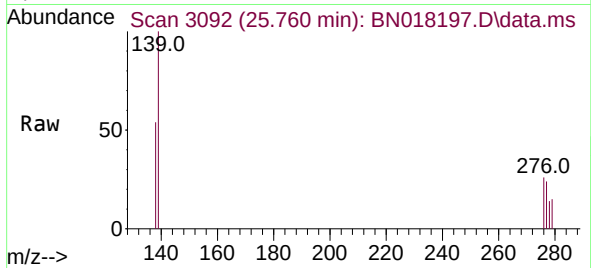




#40
Dibenzo(a,h)anthracene
Concen: 0.053 ng
RT: 25.760 min Scan# 3074
Delta R.T. 0.061 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Instrument :
BNA_N
ClientSampleId :
OB-CS-06

Tgt Ion:278 Resp: 3349
Ion Ratio Lower Upper
278 100
139 699.4 10.8 16.2#
279 104.3 19.0 28.4#



#41
Benzo(g,h,i)perylene
Concen: 0.111 ng
RT: 26.448 min Scan# 3293
Delta R.T. 0.078 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Tgt Ion:276 Resp: 17217
Ion Ratio Lower Upper
276 100
277 65.4 19.0 28.6#
138 120.4 12.6 19.0#

