

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018270.D
 Acq On : 29 Dec 2021 20:38
 Operator : CG/JU
 Sample : M5107-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-02

Quant Time: Dec 30 02:24:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

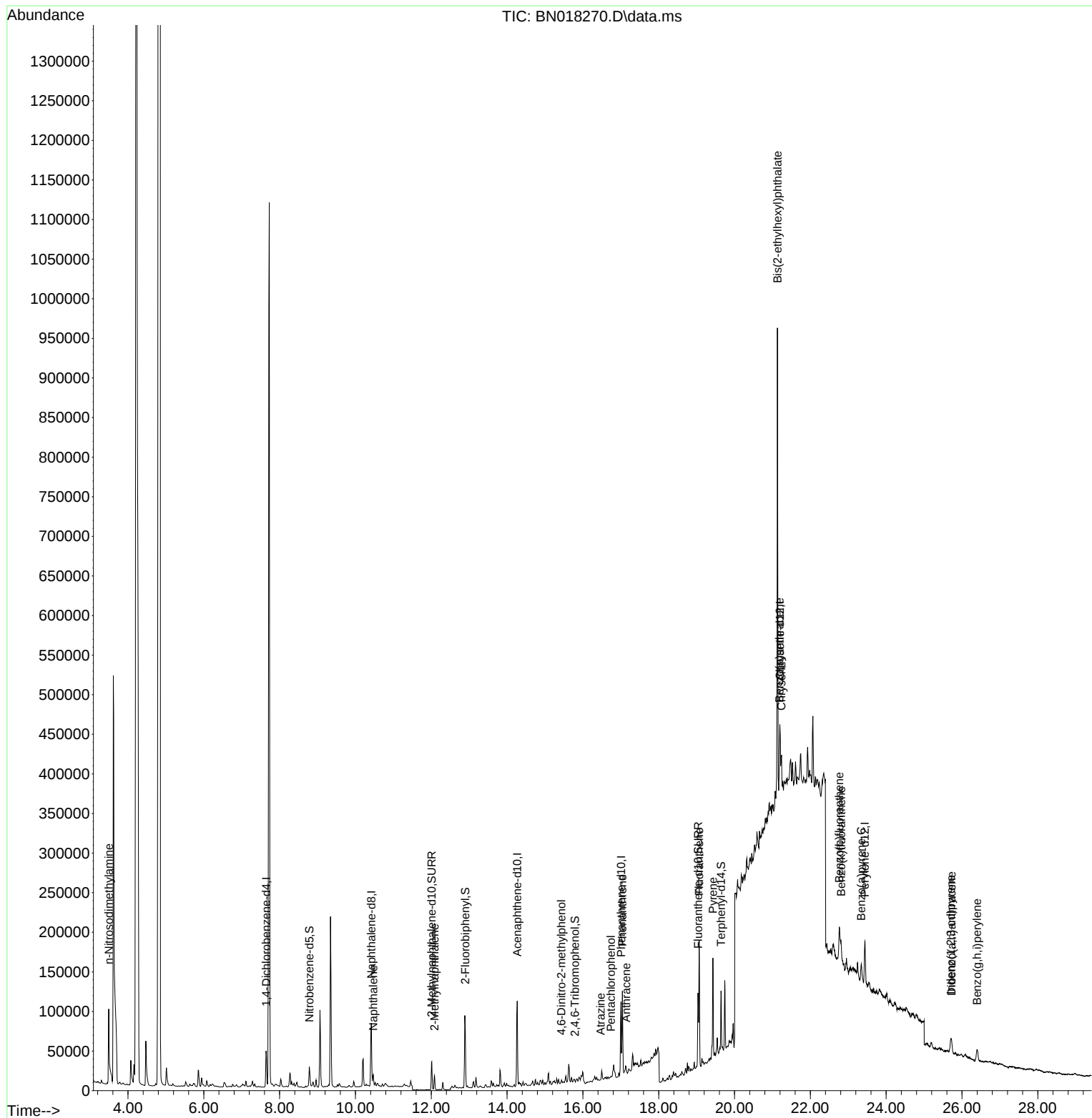
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	25960	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	108547	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	67504	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	130668	0.400	ng	0.00
29) Chrysene-d12	21.195	240	73174	0.400	ng	# 0.00
35) Perylene-d12	23.440	264	80037	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	77	0.001	ng	0.03
5) Phenol-d6	6.840	99	967	0.019	ng	0.00
8) Nitrobenzene-d5	8.784	82	22861	0.421	ng	0.00
11) 2-Methylnaphthalene-d10	12.012	152	51572	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	126	0.308	ng	0.03
15) 2-Fluorobiphenyl	12.898	172	81243	0.318	ng	0.00
27) Fluoranthene-d10	19.038	212	110591	0.266	ng	0.00
31) Terphenyl-d14	19.644	244	80465	0.433	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.493	42	29952	1.405	ng	# 1
9) Naphthalene	10.470	128	16645	0.062	ng	96
12) 2-Methylnaphthalene	12.083	142	13373	0.078	ng	97
20) 4,6-Dinitro-2-methylph...	15.436	198	143	0.257	ng	# 1
23) Atrazine	16.470	200	391	0.141	ng	# 1
24) Pentachlorophenol	16.738	266	270	0.199	ng	# 19
25) Phenanthrene	17.042	178	109019	0.316	ng	# 95
26) Anthracene	17.139	178	11044	0.078	ng	# 82
28) Fluoranthene	19.068	202	145199	0.360	ng	99
30) Pyrene	19.430	202	115816	0.404	ng	97
32) Benzo(a)anthracene	21.185	228	44783	0.246	ng	# 60
33) Chrysene	21.238	228	52697	0.224	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.132	149	534775	5.855	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.706	276	31734	0.166	ng	# 93
37) Benzo(b)fluoranthene	22.766	252	56679	0.223	ng	# 1
38) Benzo(k)fluoranthene	22.810	252	25202	0.105	ng	# 1
39) Benzo(a)pyrene	23.341	252	35304	0.160	ng	# 1
40) Dibenzo(a,h)anthracene	25.723	278	15177	0.111	ng	# 1
41) Benzo(g,h,i)perylene	26.401	276	33547	0.176	ng	# 4

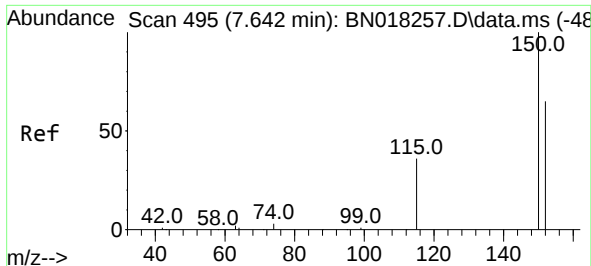
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN018270.D
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Instrument :
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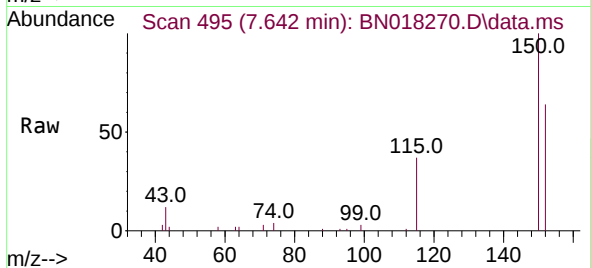
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
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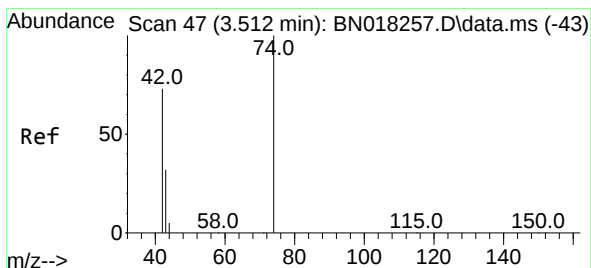
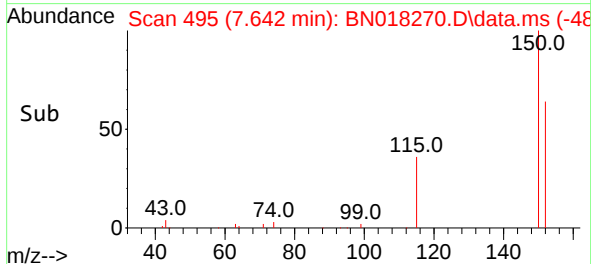
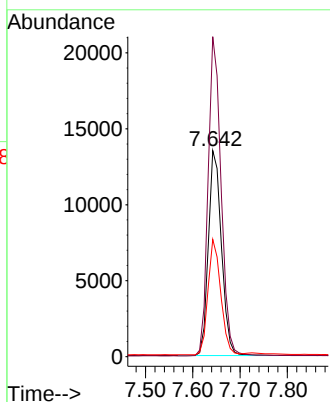


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 49
Delta R.T. 0.000 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

Instrument :
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OB-CS-02

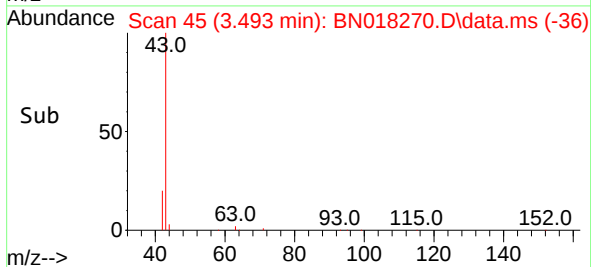
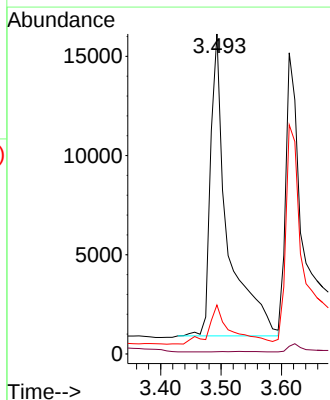
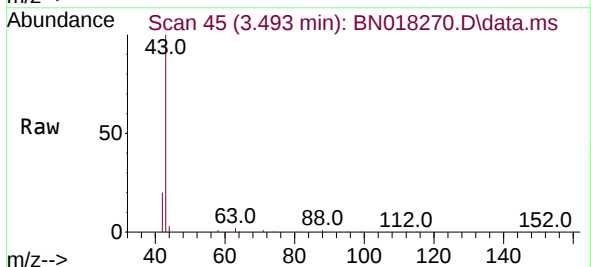


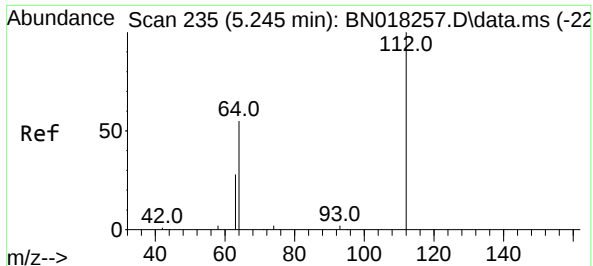
Tgt Ion:152 Resp: 25960
Ion Ratio Lower Upper
152 100
150 155.2 121.7 182.5
115 56.9 43.8 65.8



#3
n-Nitrosodimethylamine
Concen: 1.405 ng
RT: 3.493 min Scan# 45
Delta R.T. -0.019 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

Tgt Ion: 42 Resp: 29952
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 16.6 5.8 8.8#

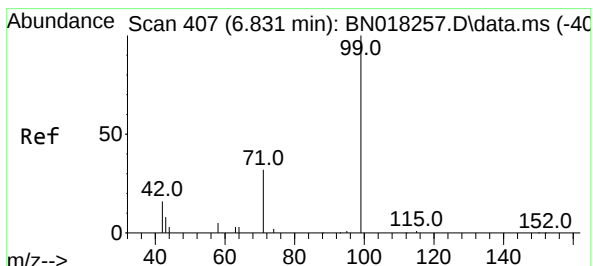
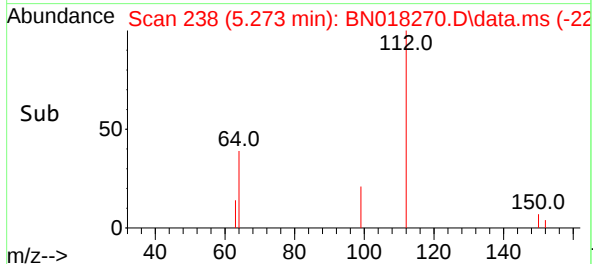
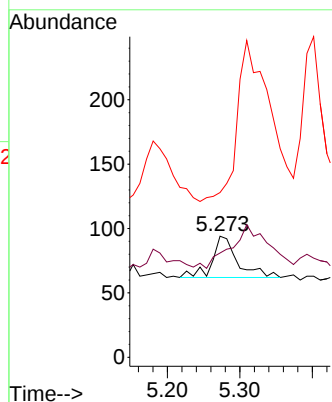
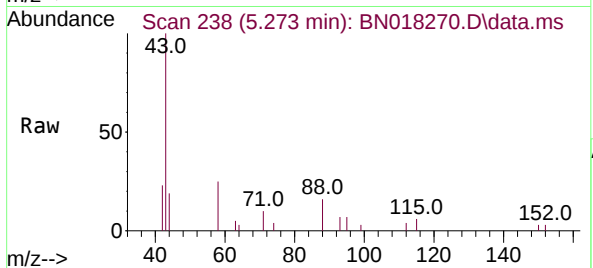




#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.273 min Scan# 21
Delta R.T. 0.028 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

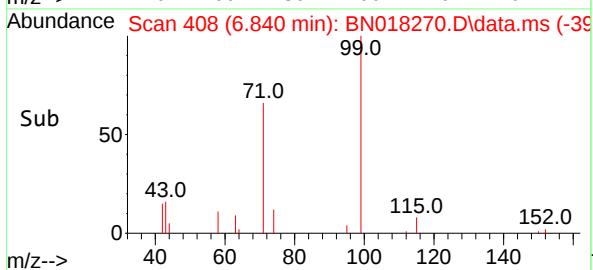
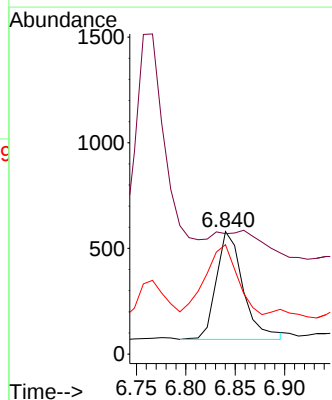
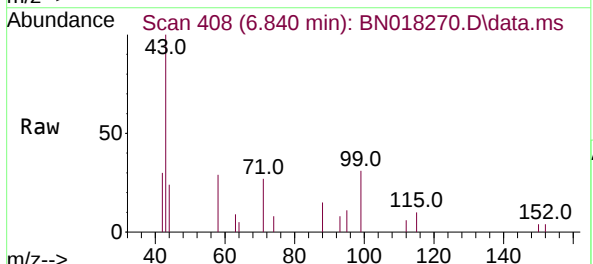
Instrument :
BNA_N
ClientSampleId :
OB-CS-02

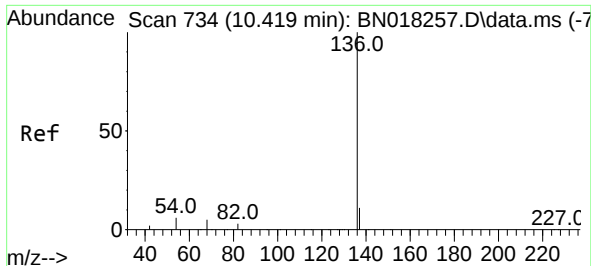
Tgt Ion:112 Resp: 77
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#



#5
Phenol-d6
Concen: 0.019 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

Tgt Ion: 99 Resp: 967
Ion Ratio Lower Upper
99 100
42 34.7 16.3 24.5#
71 76.2 26.8 40.2#

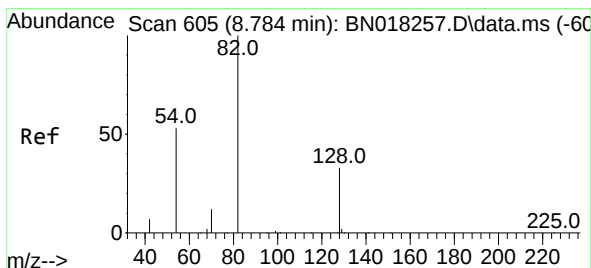
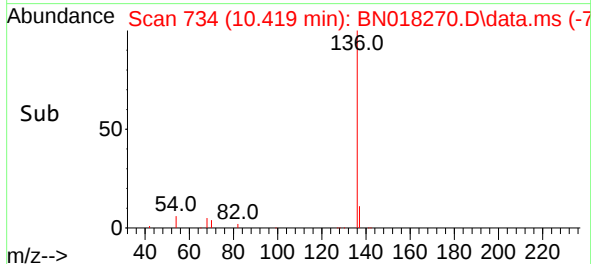
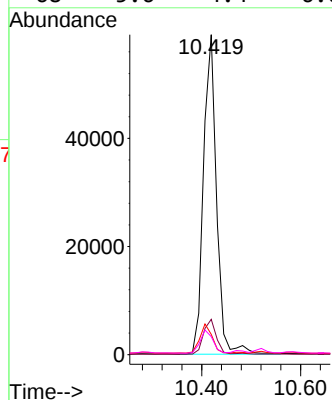
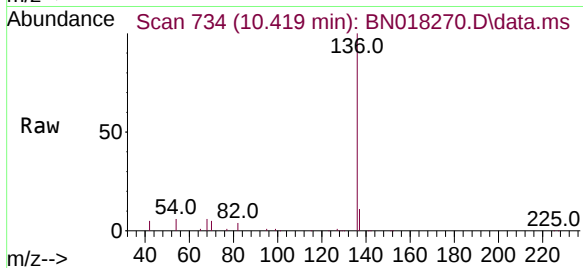




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

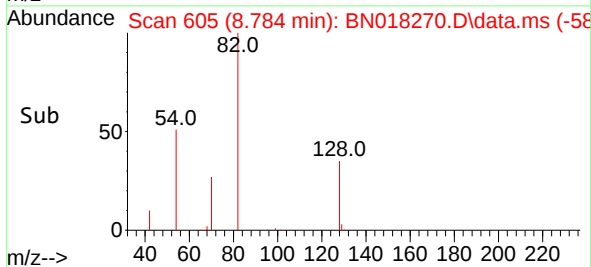
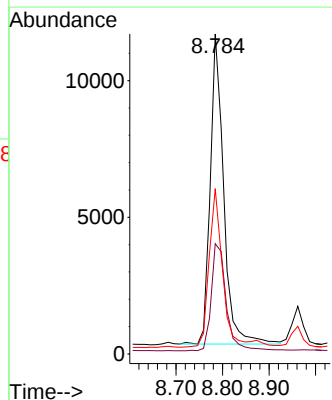
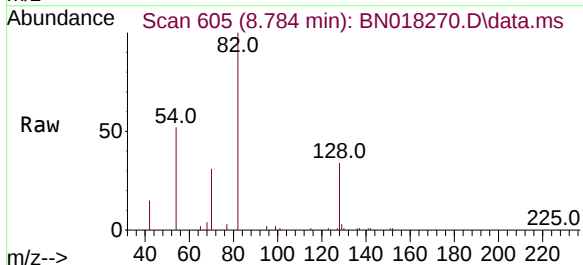
Instrument :
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ClientSampleId :
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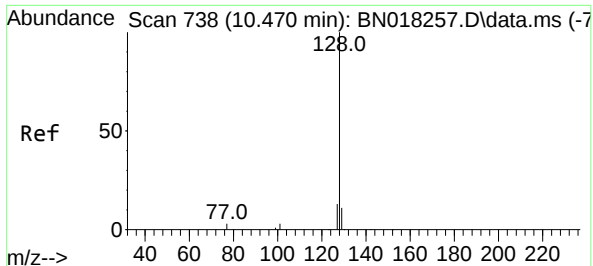
Tgt Ion:	136	Resp:	108547
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	6.3	5.0	7.6
68	5.6	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

Tgt Ion:	82	Resp:	22861
Ion Ratio	Lower	Upper	
82	100		
128	34.4	33.7	50.5
54	51.7	36.6	55.0

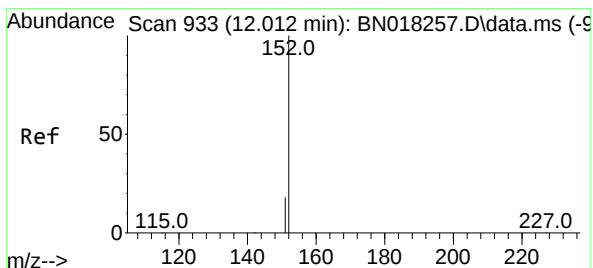
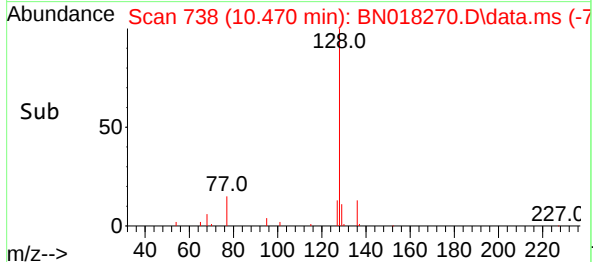
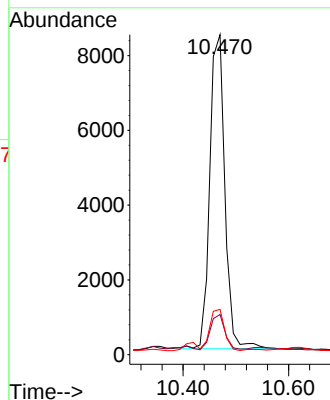
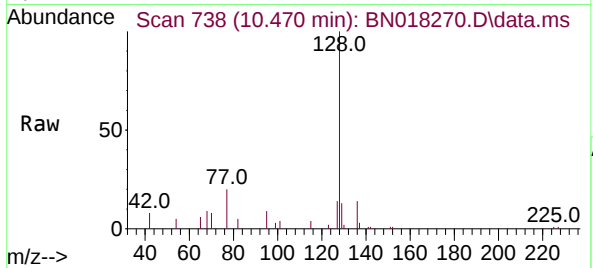




#9
Naphthalene
Concen: 0.062 ng
RT: 10.470 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

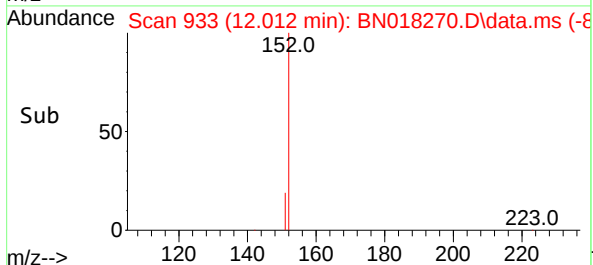
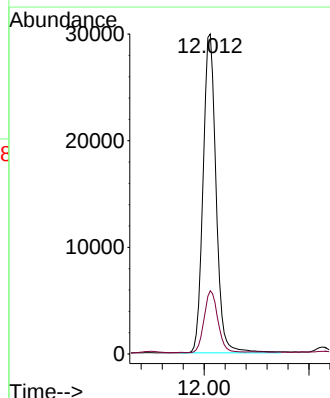
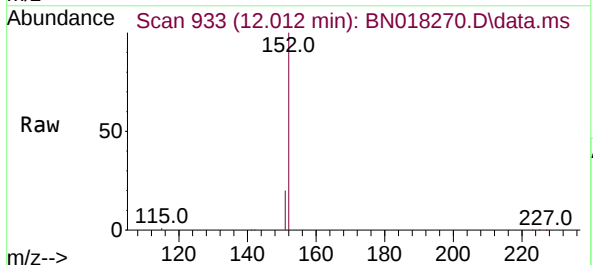
Instrument :
BNA_N
ClientSampleId :
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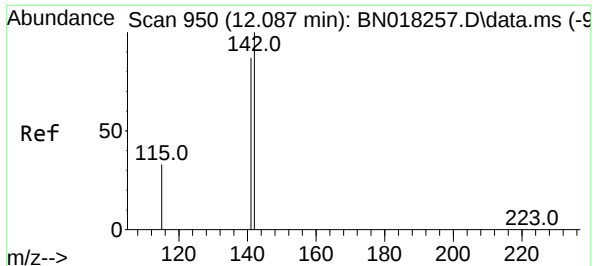
Tgt Ion:	128	Resp:	16645
Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.7	13.1
127	14.1	10.4	15.6



#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.012 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

Tgt Ion:	152	Resp:	51572
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2





#12

2-Methylnaphthalene

Concen: 0.078 ng

RT: 12.083 min Scan# 949

Delta R.T. -0.005 min

Lab File: BN018270.D

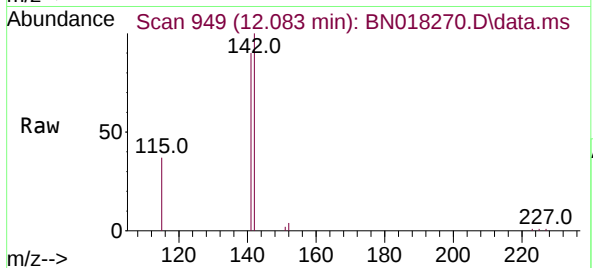
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Instrument :

BNA_N

ClientSampleId :

OB-CS-02



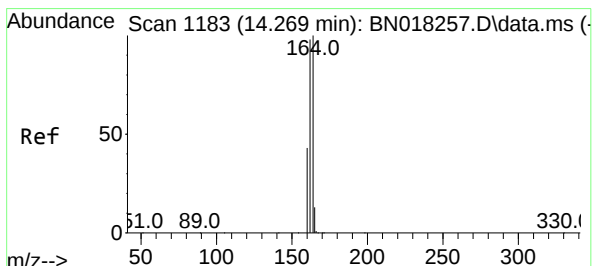
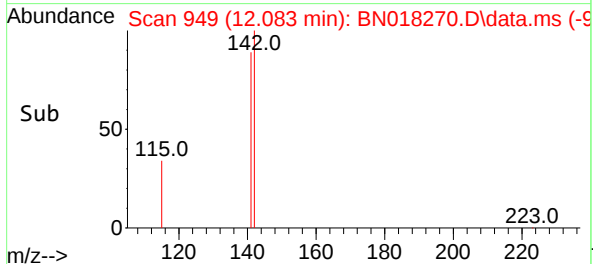
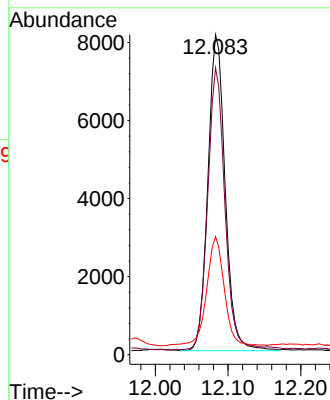
Tgt Ion:142 Resp: 13373

Ion Ratio Lower Upper

142 100

141 89.7 70.0 105.0

115 36.9 27.8 41.8



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.269 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BN018270.D

Acq: 29 Dec 2021 20:38

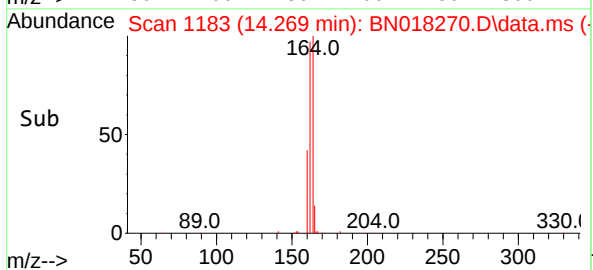
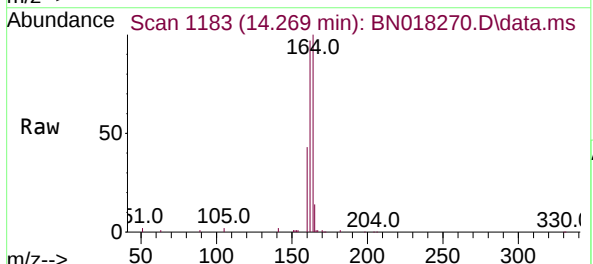
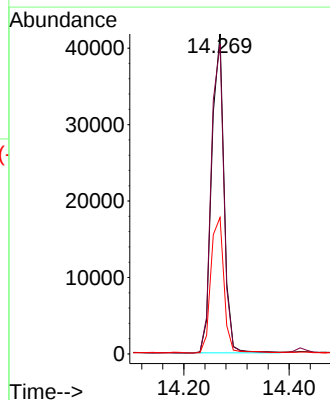
Tgt Ion:164 Resp: 67504

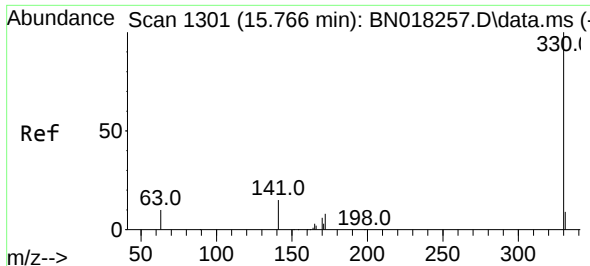
Ion Ratio Lower Upper

164 100

162 96.7 80.2 120.2

160 42.6 36.9 55.3

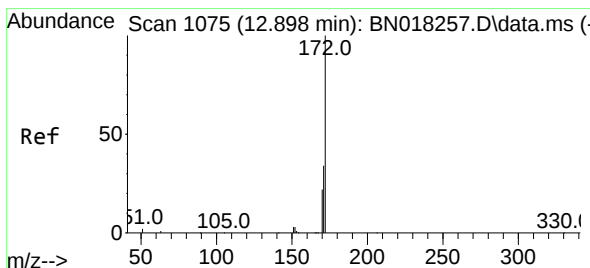
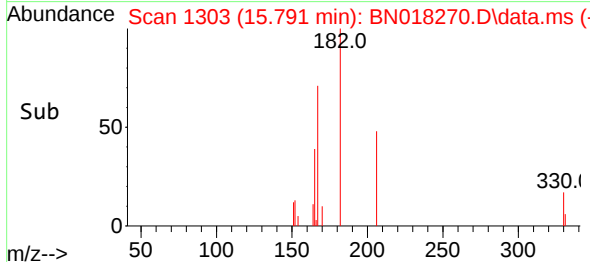
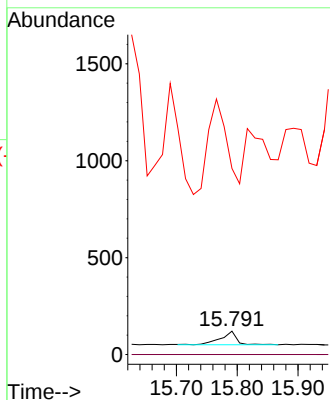
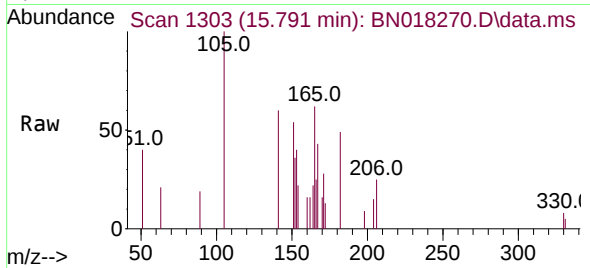




#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.025 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

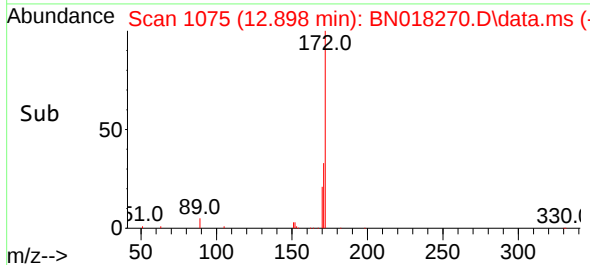
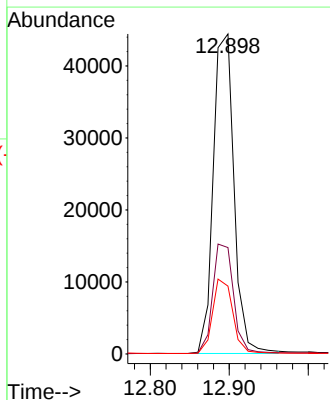
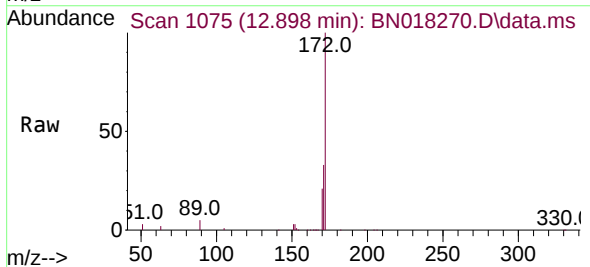
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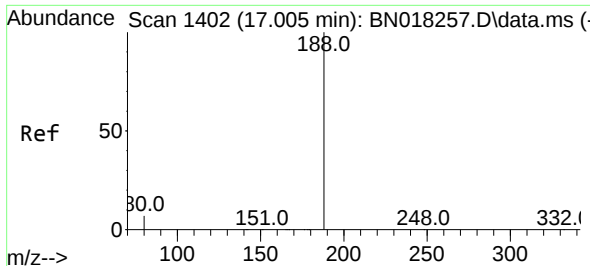
Tgt Ion: 330 Resp: 126
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 21.3 31.9#



#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

Tgt Ion: 172 Resp: 81243
Ion Ratio Lower Upper
172 100
171 33.2 27.4 41.0
170 21.2 18.4 27.6

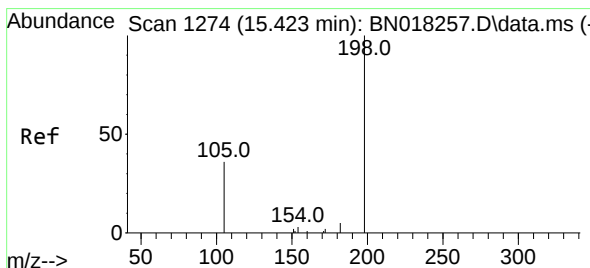
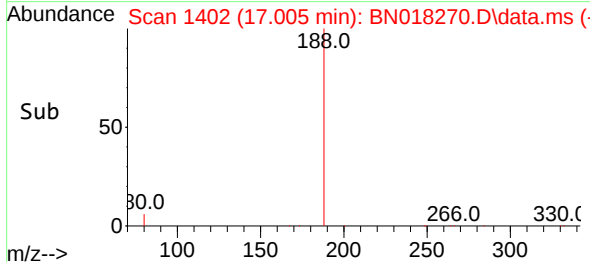
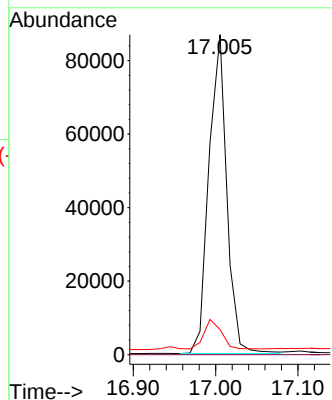
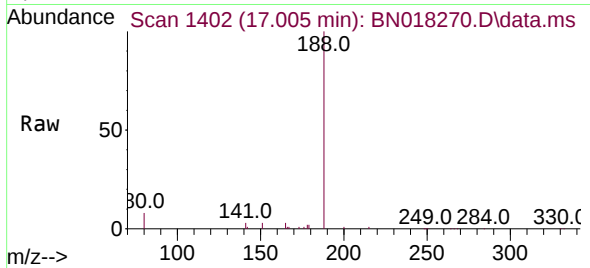




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

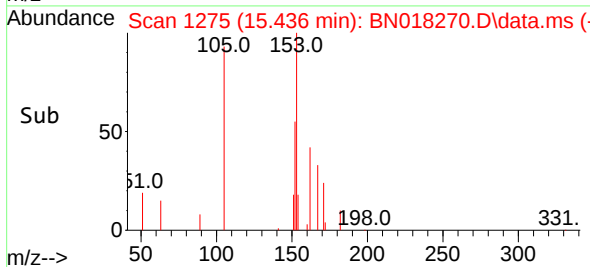
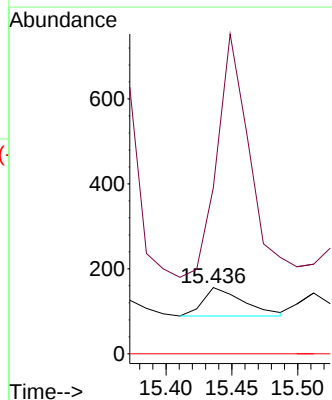
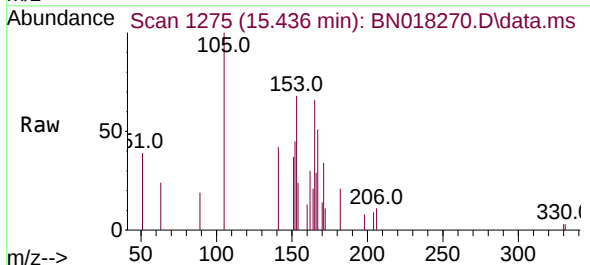
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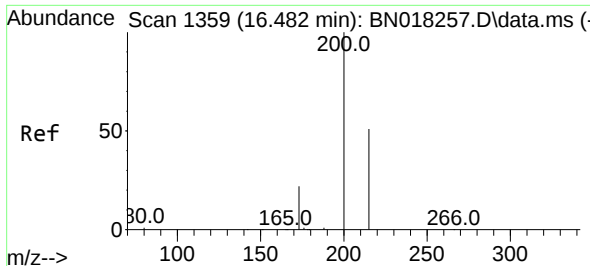
Tgt Ion:188 Resp: 130668
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.257 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.013 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

Tgt Ion:198 Resp: 143
Ion Ratio Lower Upper
198 100
182 250.6 15.5 23.3#
77 0.0 0.0 0.0

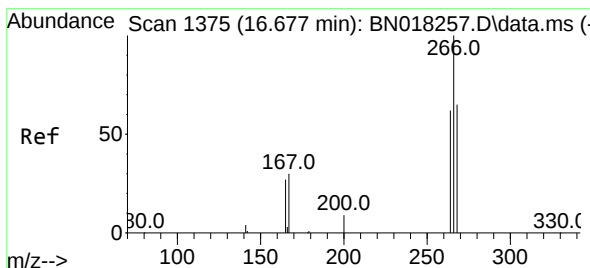
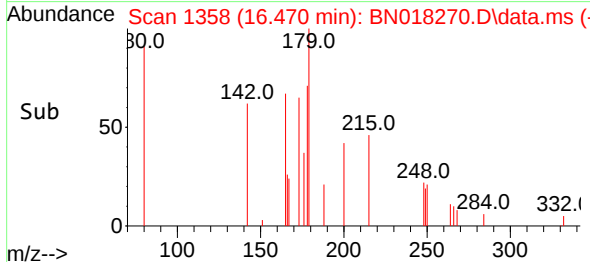
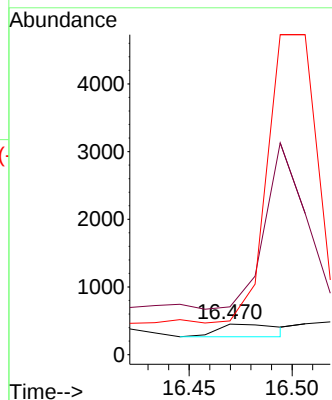
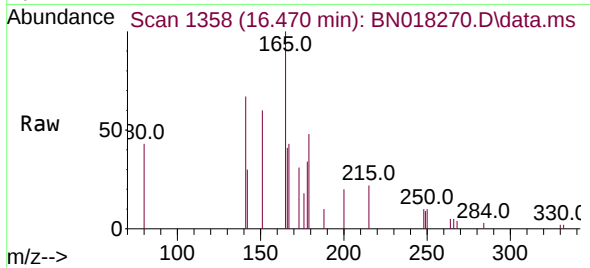




#23
 Atrazine
 Concen: 0.141 ng
 RT: 16.470 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN018270.D
 Acq: 29 Dec 2021 20:38

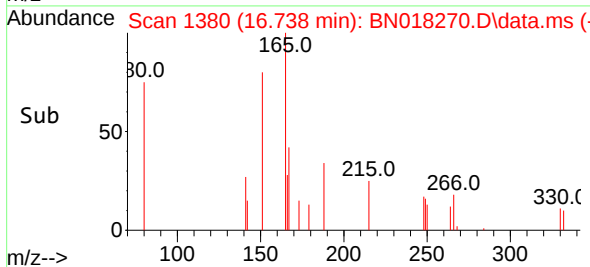
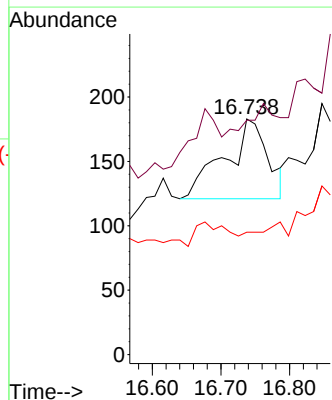
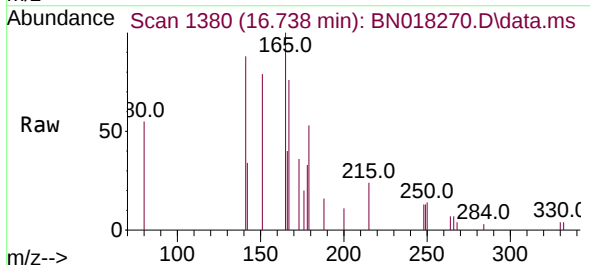
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-02

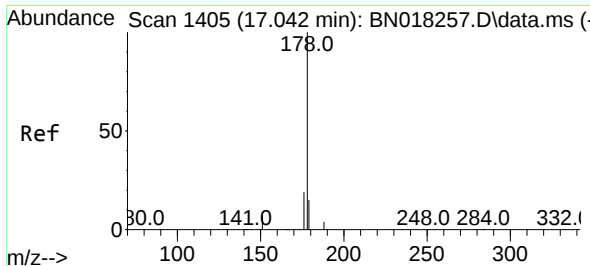
Tgt Ion:200 Resp: 391
 Ion Ratio Lower Upper
 200 100
 173 156.2 20.3 30.5#
 215 110.2 40.4 60.6#



#24
 Pentachlorophenol
 Concen: 0.199 ng
 RT: 16.738 min Scan# 1380
 Delta R.T. 0.061 min
 Lab File: BN018270.D
 Acq: 29 Dec 2021 20:38

Tgt Ion:266 Resp: 270
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.5 74.3#
 268 0.0 50.6 76.0#

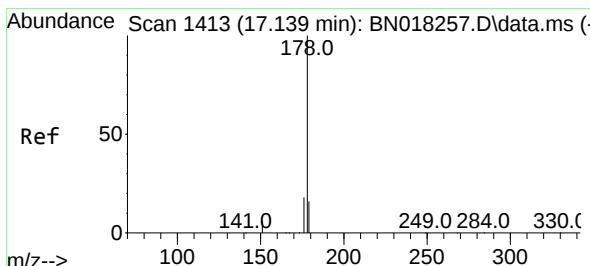
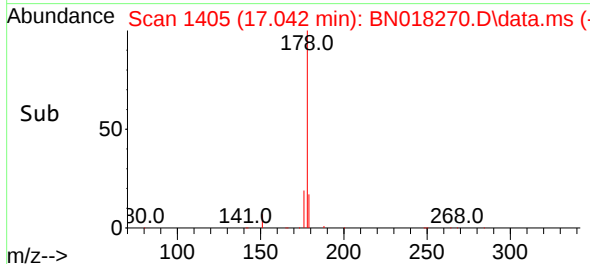
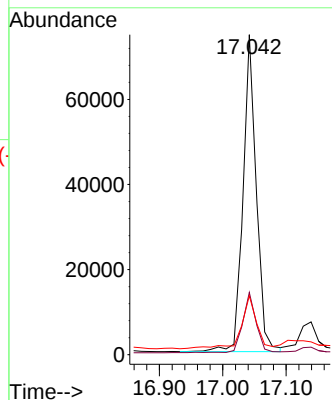
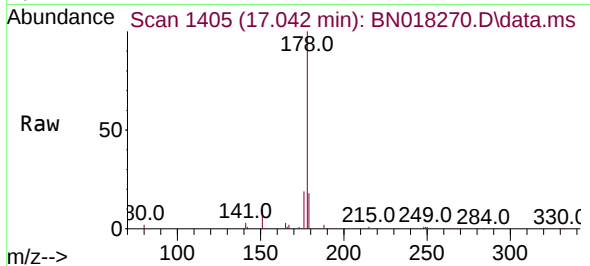




#25
Phenanthrene
Concen: 0.316 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

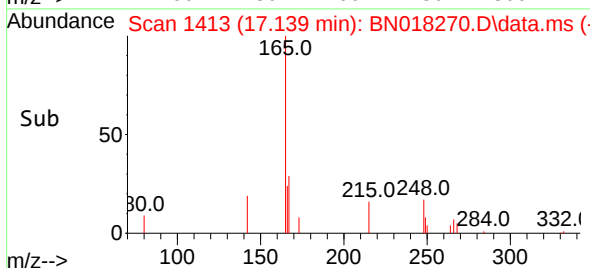
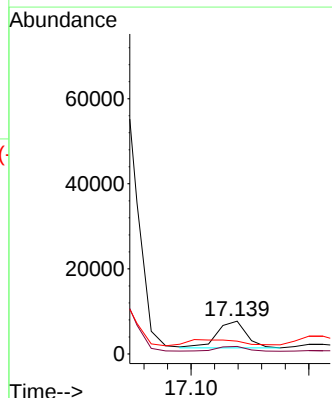
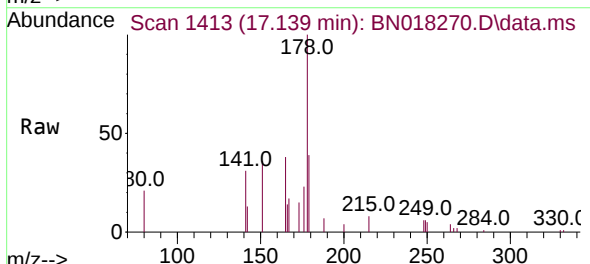
Instrument :
BNA_N
ClientSampleId :
OB-CS-02

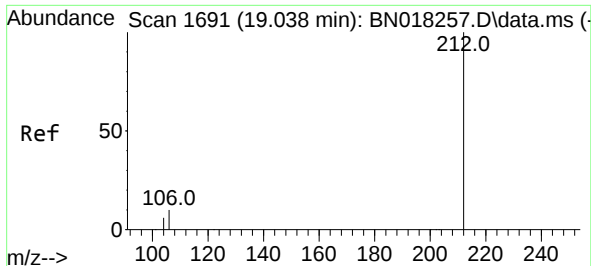
Tgt Ion:178 Resp: 109019
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 19.2 12.3 18.5#



#26
Anthracene
Concen: 0.078 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

Tgt Ion:178 Resp: 11044
Ion Ratio Lower Upper
178 100
176 17.5 14.8 22.2
179 0.0 12.2 18.4#

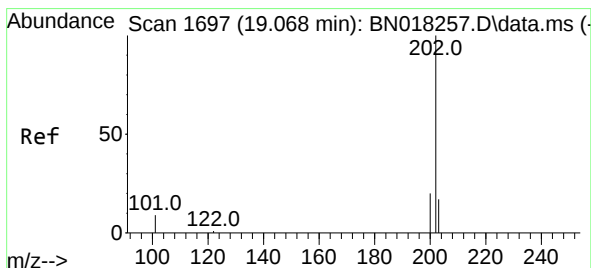
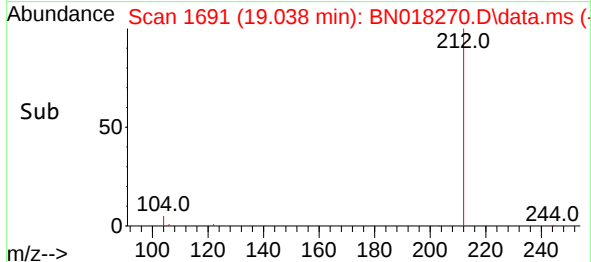
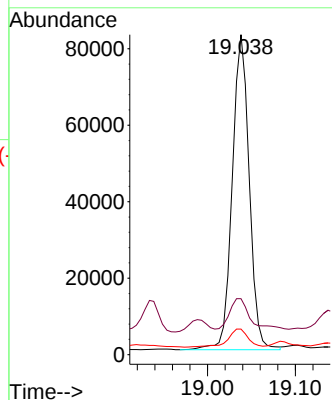
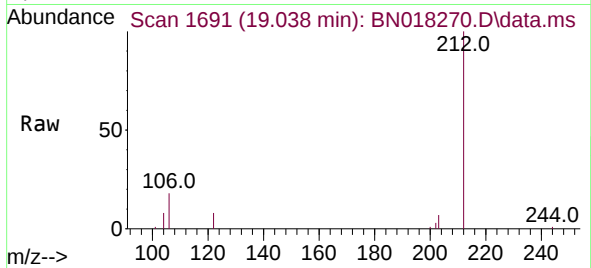




#27
Fluoranthene-d10
Concen: 0.266 ng
RT: 19.038 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

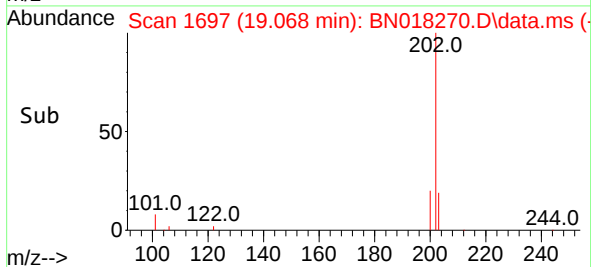
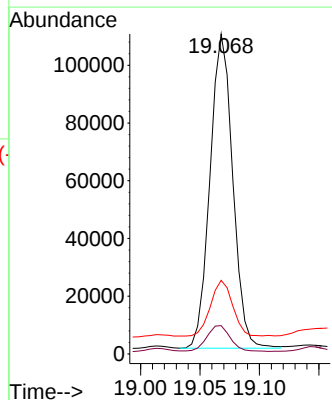
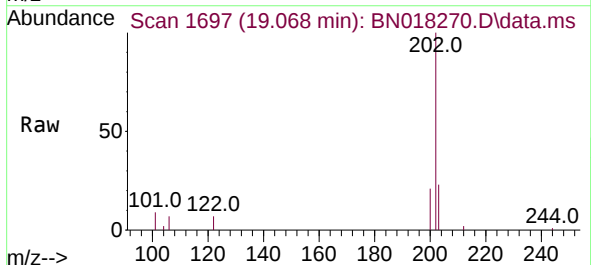
Instrument :
BNA_N
ClientSampleId :
OB-CS-02

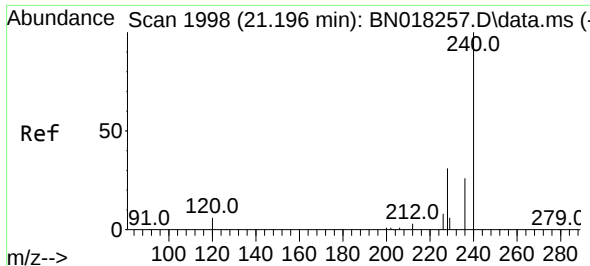
Tgt Ion:212 Resp: 110591
Ion Ratio Lower Upper
212 100
106 11.8 8.4 12.6
104 6.8 4.5 6.7#



#28
Fluoranthene
Concen: 0.360 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

Tgt Ion:202 Resp: 145199
Ion Ratio Lower Upper
202 100
101 8.4 7.2 10.8
203 17.1 13.7 20.5

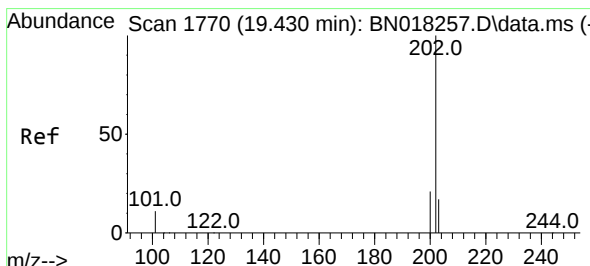
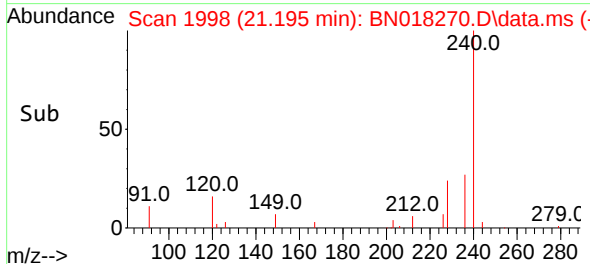
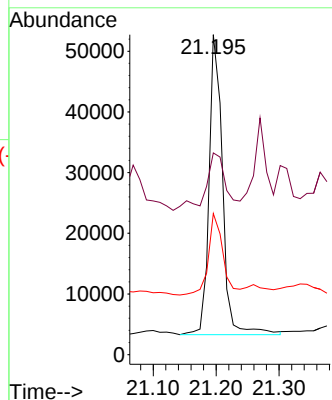
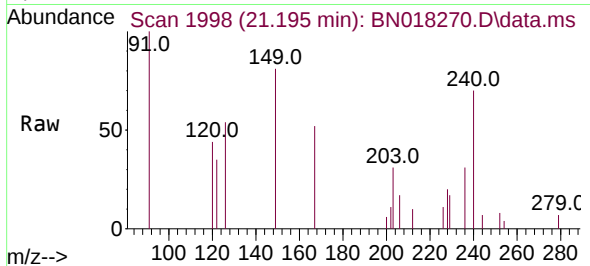




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

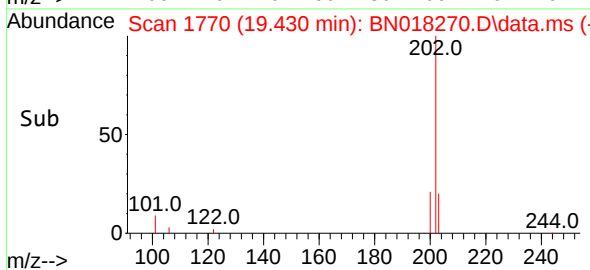
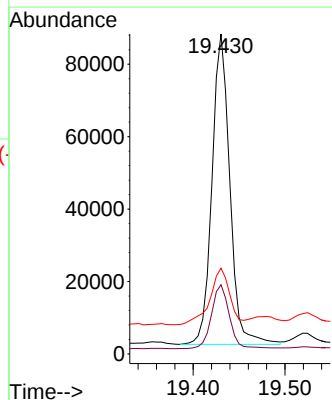
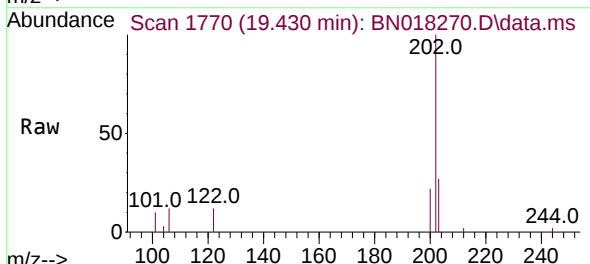
Instrument :
BNA_N
ClientSampleId :
OB-CS-02

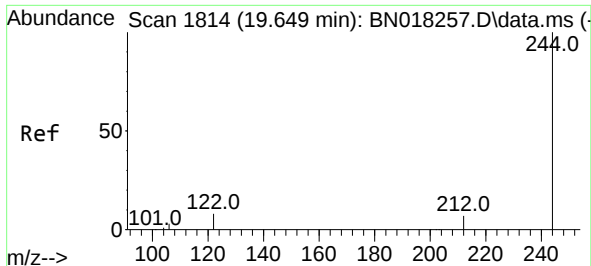
Tgt Ion:240 Resp: 73174
Ion Ratio Lower Upper
240 100
120 63.1 6.0 9.0#
236 44.1 21.4 32.2#



#30
Pyrene
Concen: 0.404 ng
RT: 19.430 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

Tgt Ion:202 Resp: 115816
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 20.0 14.1 21.1

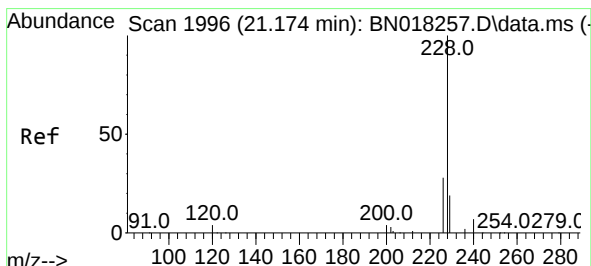
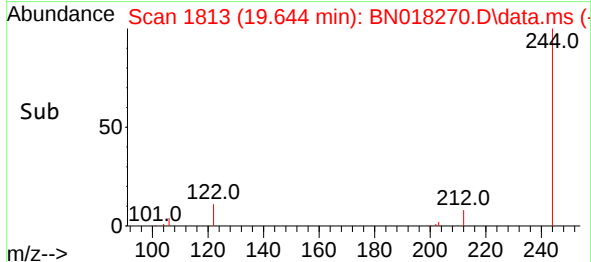
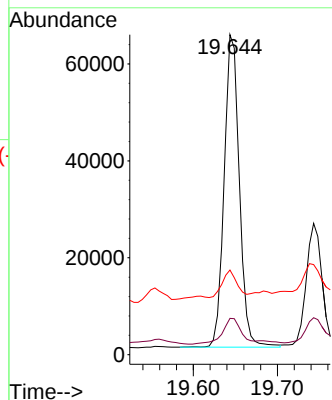
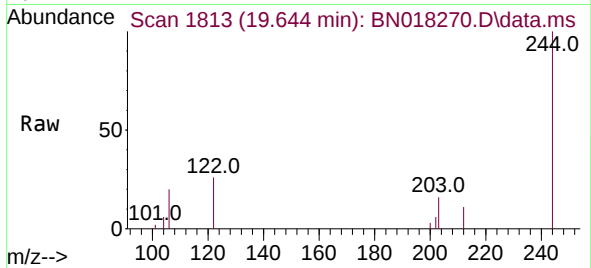




#31
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.644 min Scan# 1814
 Delta R.T. -0.005 min
 Lab File: BN018270.D
 Acq: 29 Dec 2021 20:38

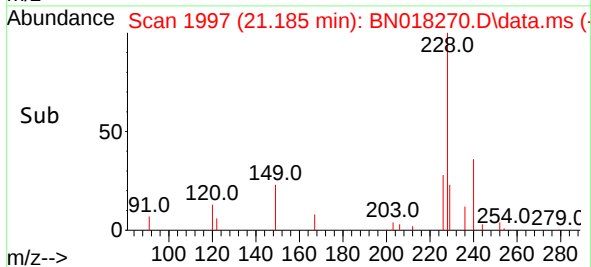
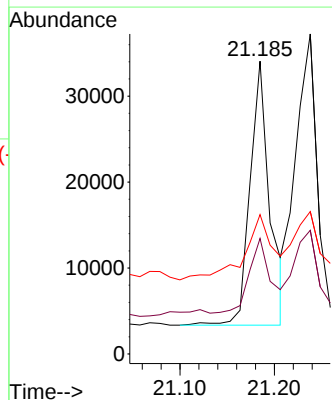
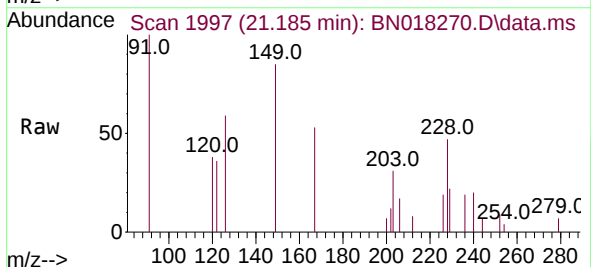
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-02

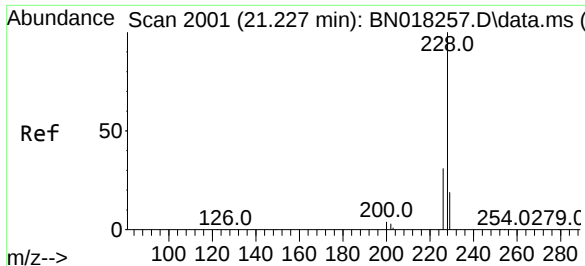
Tgt Ion:244 Resp: 80465
 Ion Ratio Lower Upper
 244 100
 212 11.4 6.2 9.2#
 122 26.4 7.9 11.9#



#32
 Benzo(a)anthracene
 Concen: 0.246 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. 0.011 min
 Lab File: BN018270.D
 Acq: 29 Dec 2021 20:38

Tgt Ion:228 Resp: 44783
 Ion Ratio Lower Upper
 228 100
 226 39.4 21.3 31.9#
 229 47.6 15.9 23.9#





#33

Chrysene

Concen: 0.224 ng

RT: 21.238 min Scan# 2001

Delta R.T. 0.011 min

Lab File: BN018270.D

Acq: 29 Dec 2021 20:38

Instrument :

BNA_N

ClientSampleId :

OB-CS-02

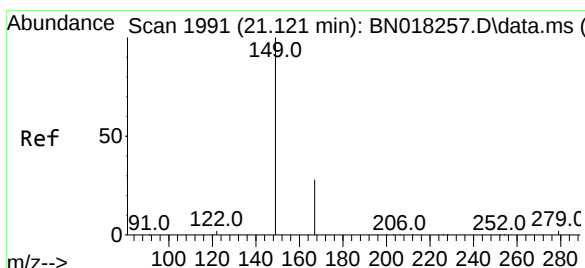
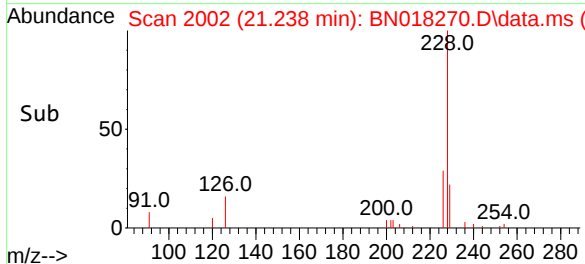
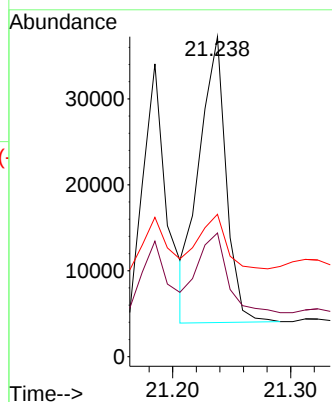
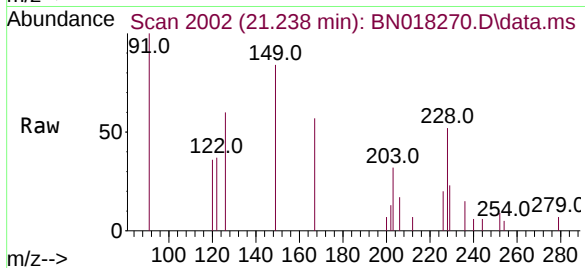
Tgt Ion:228 Resp: 52697

Ion Ratio Lower Upper

228 100

226 38.7 24.2 36.4#

229 44.5 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 5.855 ng

RT: 21.132 min Scan# 1992

Delta R.T. 0.011 min

Lab File: BN018270.D

Acq: 29 Dec 2021 20:38

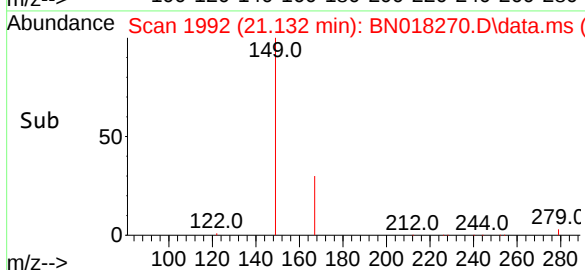
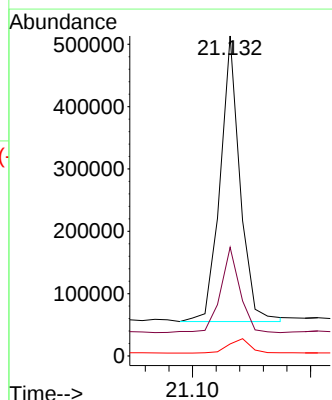
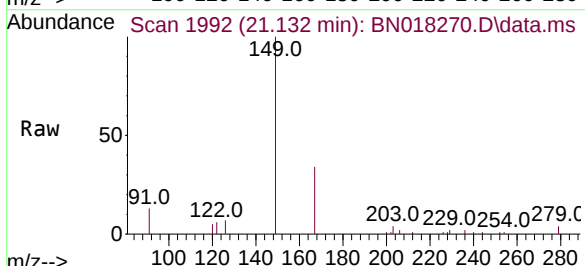
Tgt Ion:149 Resp: 534775

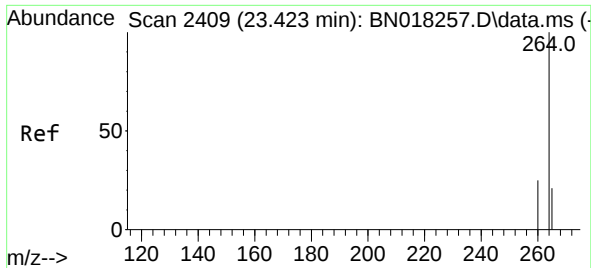
Ion Ratio Lower Upper

149 100

167 29.2 23.7 35.5

279 5.6 3.6 5.4#

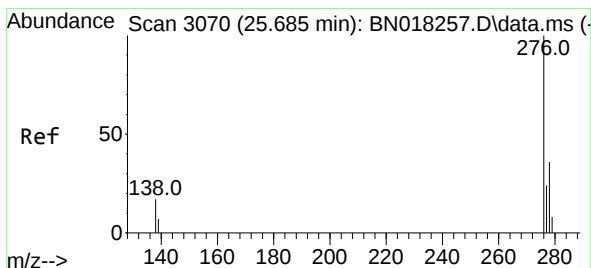
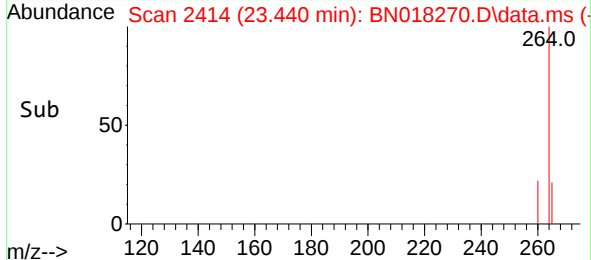
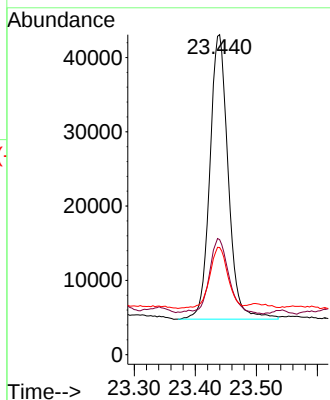
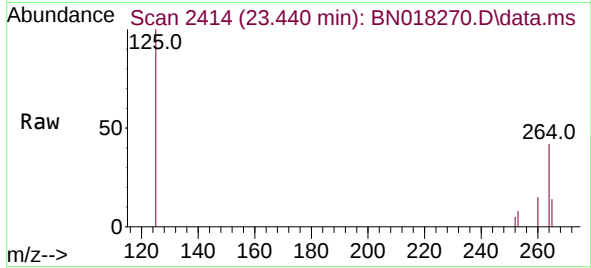




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.440 min Scan# 2414
Delta R.T. 0.017 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

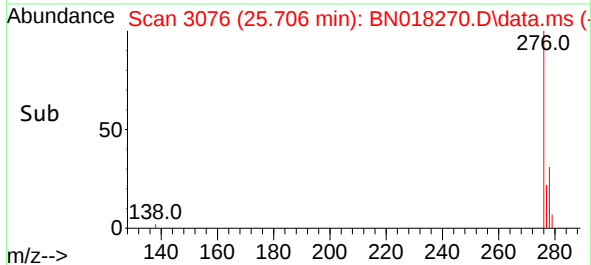
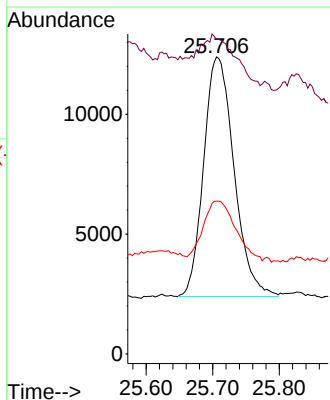
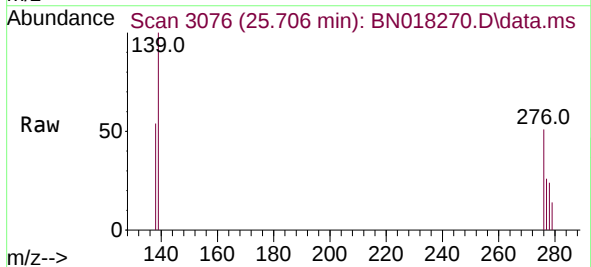
Instrument :
BNA_N
ClientSampleId :
OB-CS-02

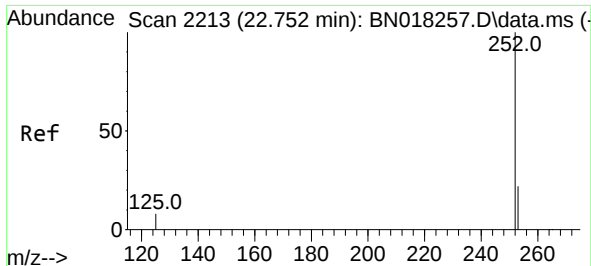
Tgt Ion:264 Resp: 80037
Ion Ratio Lower Upper
264 100
260 35.9 20.2 30.4#
265 33.5 18.2 27.2#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.166 ng
RT: 25.706 min Scan# 3076
Delta R.T. 0.020 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

Tgt Ion:276 Resp: 31734
Ion Ratio Lower Upper
276 100
138 23.5 14.9 22.3#
277 26.6 19.9 29.9

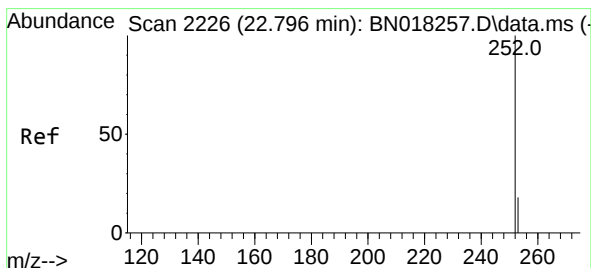
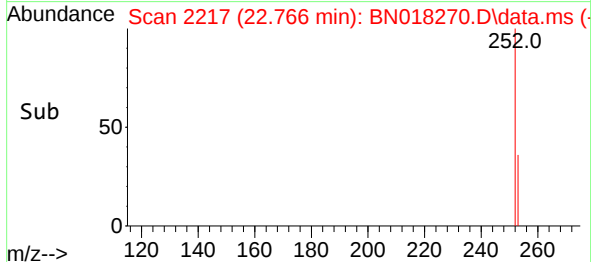
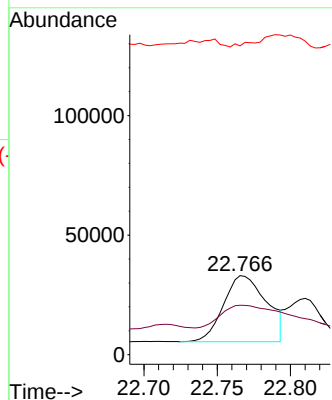
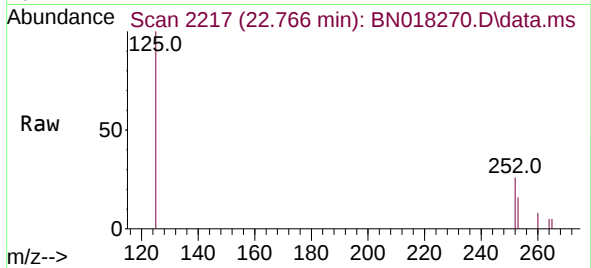




#37
Benzo(b)fluoranthene
Concen: 0.223 ng
RT: 22.766 min Scan# 21
Delta R.T. 0.014 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

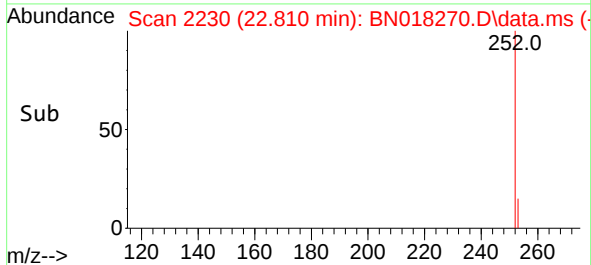
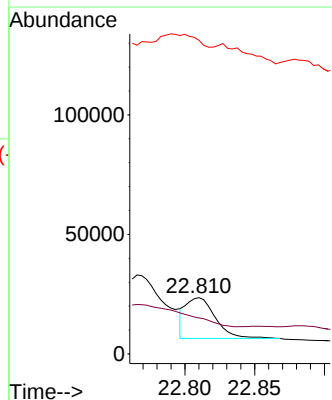
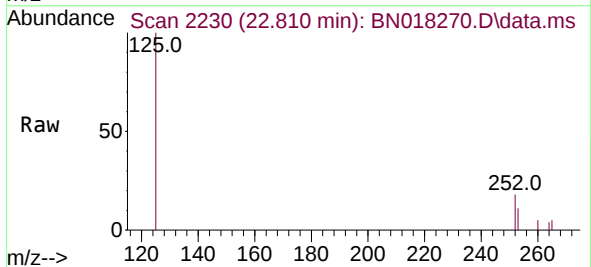
Instrument :
BNA_N
ClientSampleId :
OB-CS-02

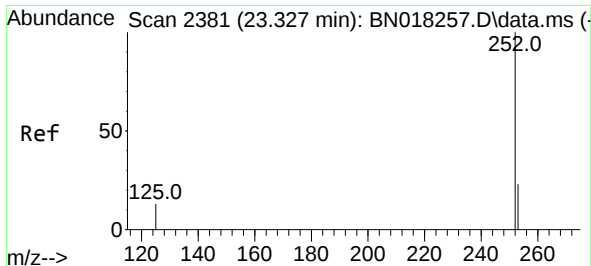
Tgt Ion:252 Resp: 56679
Ion Ratio Lower Upper
252 100
253 62.7 17.8 26.6#
125 390.6 6.0 9.0#



#38
Benzo(k)fluoranthene
Concen: 0.105 ng
RT: 22.810 min Scan# 2230
Delta R.T. 0.014 min
Lab File: BN018270.D
Acq: 29 Dec 2021 20:38

Tgt Ion:252 Resp: 25202
Ion Ratio Lower Upper
252 100
253 64.0 17.7 26.5#
125 556.6 6.2 9.2#





#39

Benzo(a)pyrene

Concen: 0.160 ng

RT: 23.341 min Scan# 21

Delta R.T. 0.014 min

Lab File: BN018270.D

Acq: 29 Dec 2021 20:38

Instrument :

BNA_N

ClientSampleId :

OB-CS-02

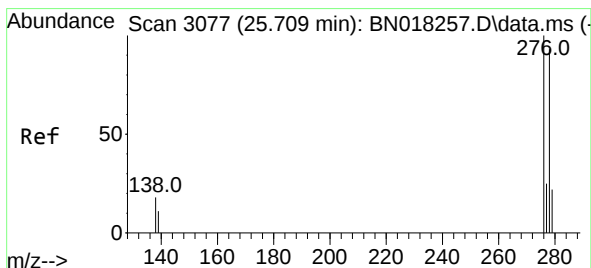
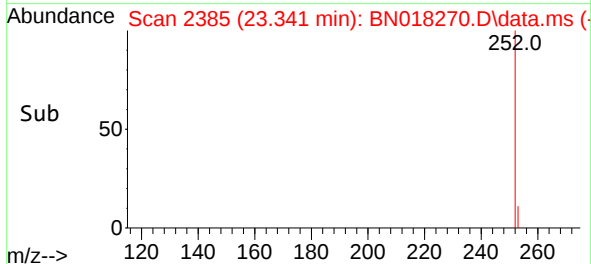
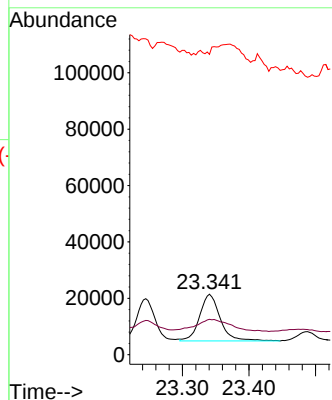
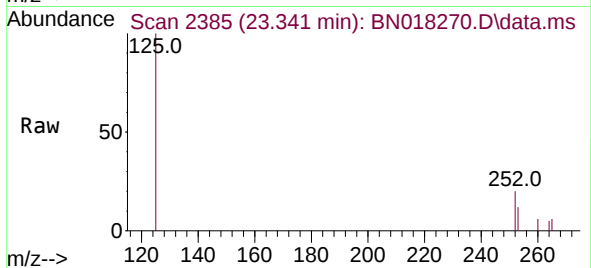
Tgt Ion:252 Resp: 35304

Ion Ratio Lower Upper

252 100

253 58.6 17.8 26.6#

125 496.3 7.0 10.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.111 ng

RT: 25.723 min Scan# 3081

Delta R.T. 0.014 min

Lab File: BN018270.D

Acq: 29 Dec 2021 20:38

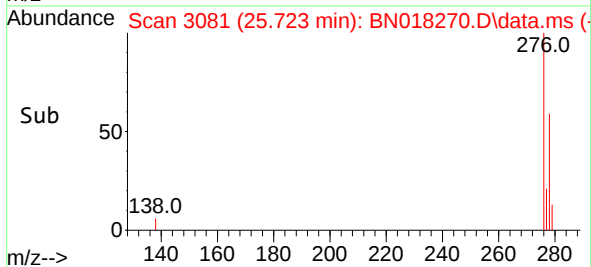
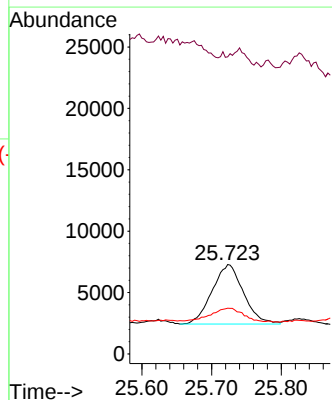
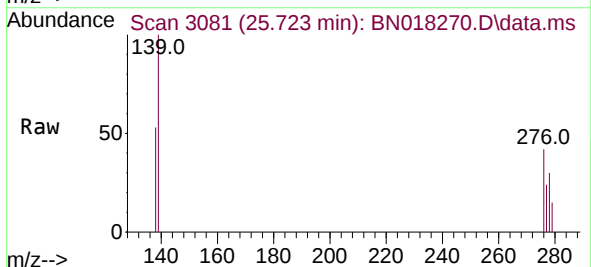
Tgt Ion:278 Resp: 15177

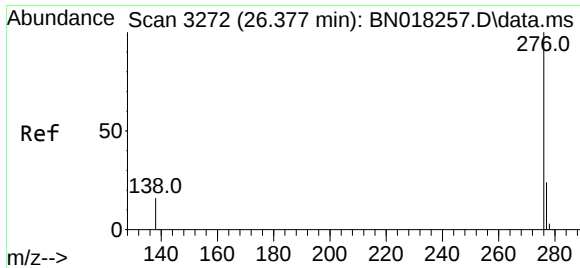
Ion Ratio Lower Upper

278 100

139 332.2 10.8 16.2#

279 51.2 19.0 28.4#





#41

Benzo(g,h,i)perylene

Concen: 0.176 ng

RT: 26.401 min Scan# 31

Delta R.T. 0.024 min

Lab File: BN018270.D

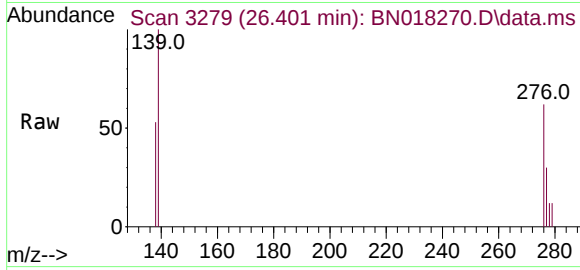
Acq: 29 Dec 2021 20:38

Instrument :

BNA_N

ClientSampleId :

OB-CS-02



Tgt Ion:276 Resp: 33547

Ion Ratio Lower Upper

276 100

277 48.5 19.0 28.6#

138 85.3 12.6 19.0#

