

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018276.D
 Acq On : 30 Dec 2021 01:26
 Operator : CG/JU
 Sample : M5107-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-04

Quant Time: Dec 30 03:04:31 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)

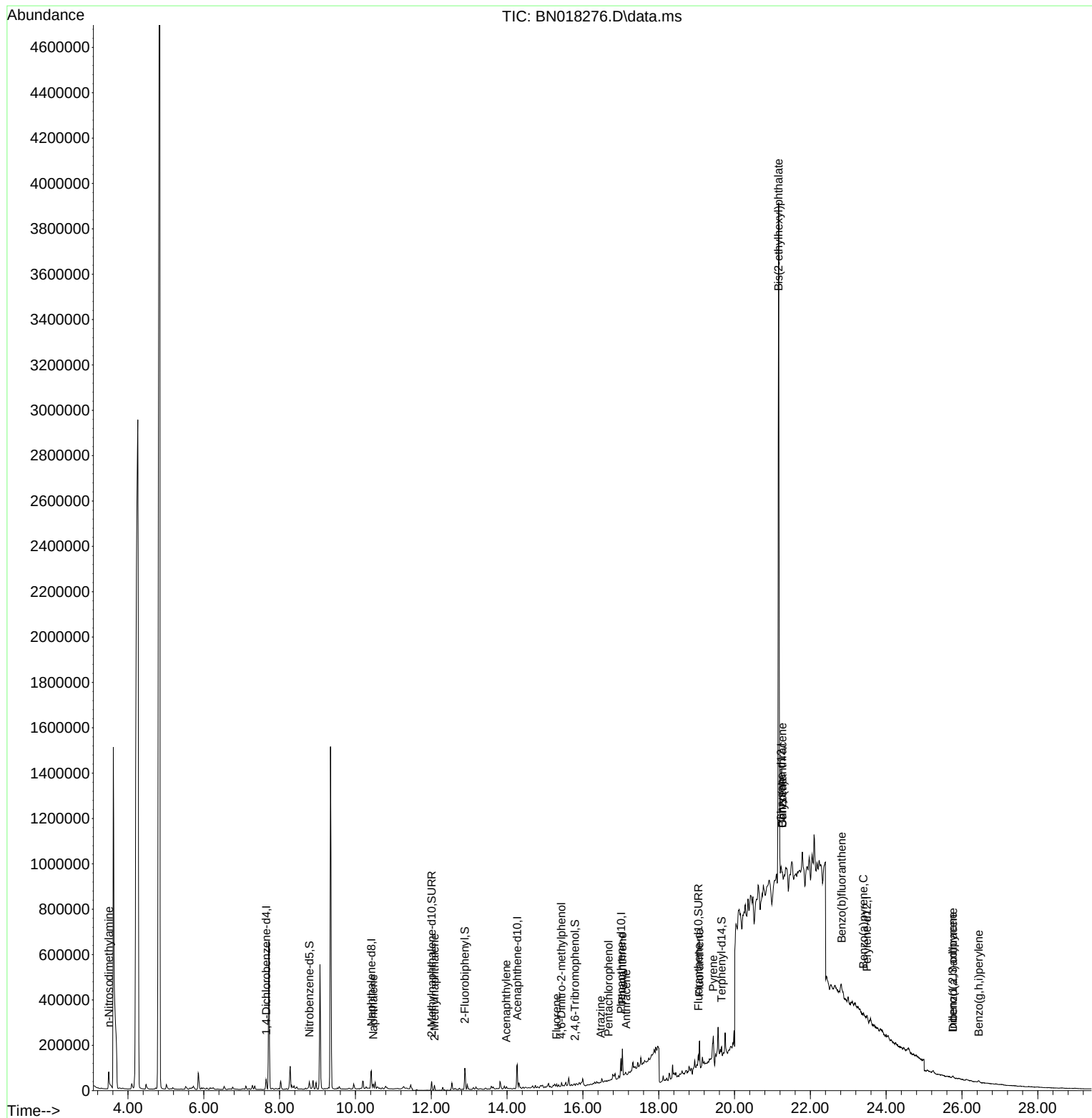
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	23199	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	98769	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	67462	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	116388	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	58660	0.400	ng	# 0.03
35) Perylene-d12	23.491	264	49515	0.400	ng	# 0.07
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	87	0.002	ng	0.04
5) Phenol-d6	6.840	99	435	0.010	ng	0.00
8) Nitrobenzene-d5	8.784	82	23313	0.455	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	52069	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	190	0.310	ng	0.03
15) 2-Fluorobiphenyl	12.886	172	80216	0.314	ng	-0.01
27) Fluoranthene-d10	19.043	212	71131	0.192	ng	0.00
31) Terphenyl-d14	19.659	244	51136	0.343	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.493	42	28466	1.494	ng	# 1
9) Naphthalene	10.470	128	25249	0.103	ng	96
12) 2-Methylnaphthalene	12.083	142	15573	0.099	ng	97
16) Acenaphthylene	13.977	152	8395	0.035	ng	# 84
18) Fluorene	15.309	166	6036	0.029	ng	# 68
20) 4,6-Dinitro-2-methylph...	15.436	198	186	0.281	ng	# 1
23) Atrazine	16.470	200	958	0.151	ng	# 1
24) Pentachlorophenol	16.677	266	823	0.253	ng	# 71
25) Phenanthrene	17.042	178	122588	0.400	ng	# 96
26) Anthracene	17.139	178	10998	0.082	ng	# 77
28) Fluoranthene	19.073	202	106470	0.296	ng	# 89
30) Pyrene	19.440	202	89162	0.388	ng	# 69
32) Benzo(a)anthracene	21.259	228	63971	0.394	ng	# 1
33) Chrysene	21.259	228	51590	0.273	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	3654124	49.905	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.754	276	12869	0.109	ng	# 71
37) Benzo(b)fluoranthene	22.827	252	71352	0.453	ng	# 1
39) Benzo(a)pyrene	23.399	252	18300	0.134	ng	# 1
40) Dibenzo(a,h)anthracene	25.764	278	5620	0.067	ng	# 1
41) Benzo(g,h,i)perylene	26.442	276	17986	0.152	ng	# 1

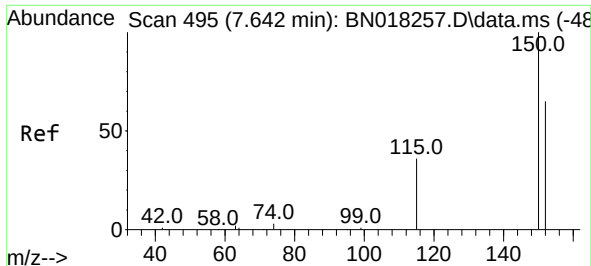
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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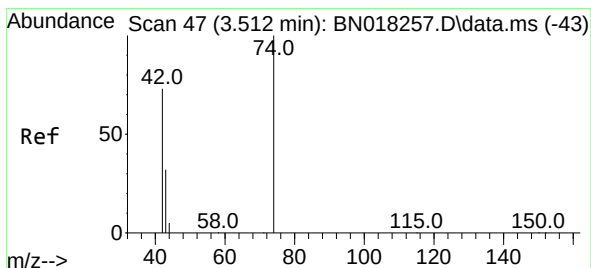
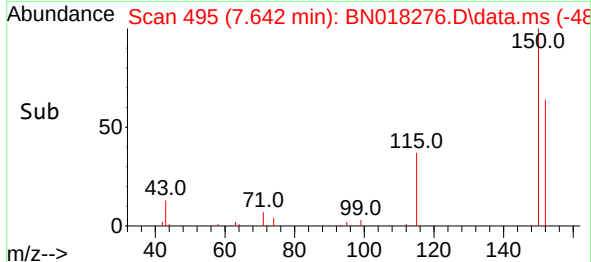
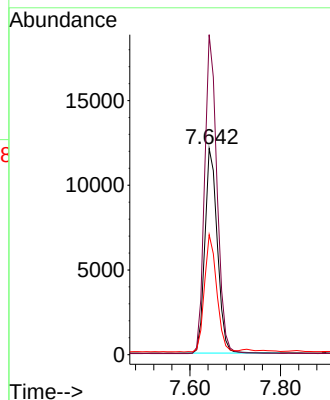
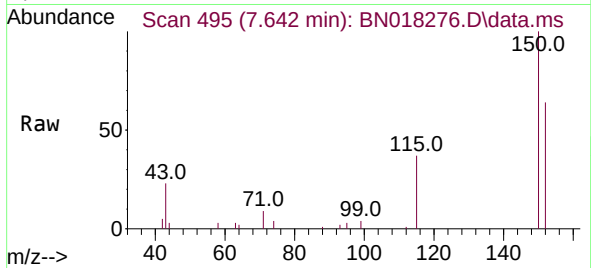




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: BN018276.D
 Acq: 30 Dec 2021 01:26

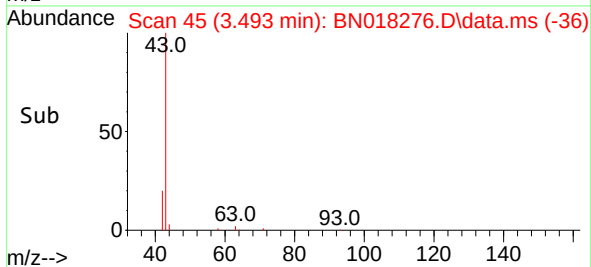
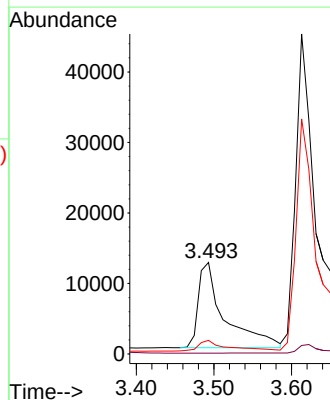
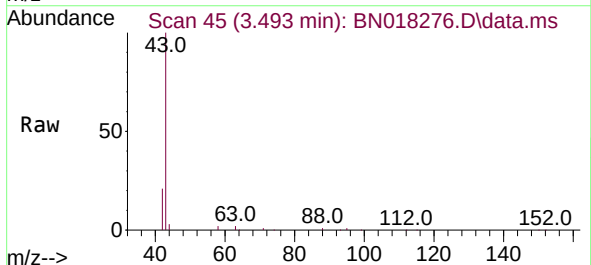
Instrument :
 BNA_N
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 OB-CS-04

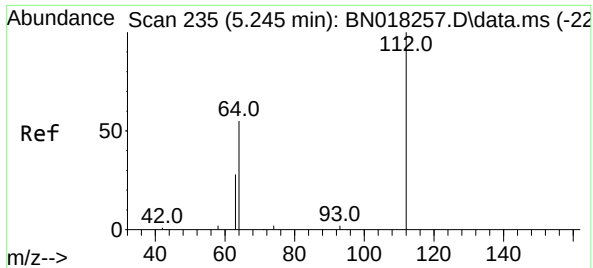
Tgt Ion:152 Resp: 23199
 Ion Ratio Lower Upper
 152 100
 150 155.2 121.7 182.5
 115 58.2 43.8 65.8



#3
 n-Nitrosodimethylamine
 Concen: 1.494 ng
 RT: 3.493 min Scan# 45
 Delta R.T. -0.018 min
 Lab File: BN018276.D
 Acq: 30 Dec 2021 01:26

Tgt Ion: 42 Resp: 28466
 Ion Ratio Lower Upper
 42 100
 74 0.0 108.6 163.0#
 44 13.8 5.8 8.8#

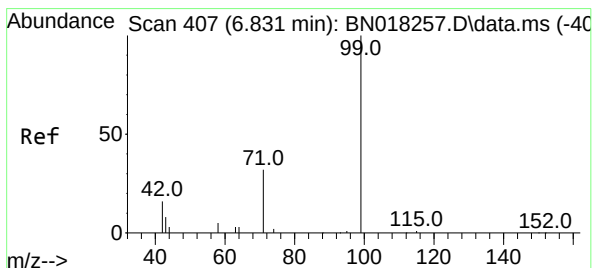
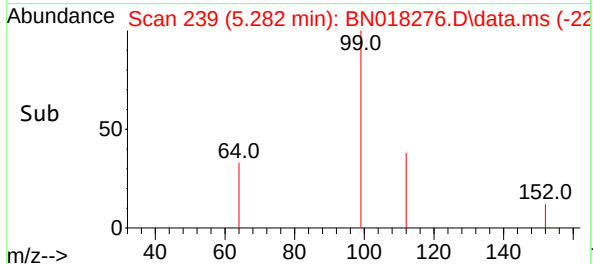
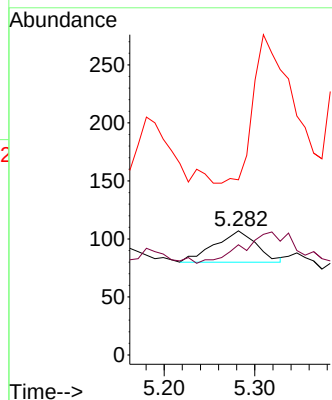
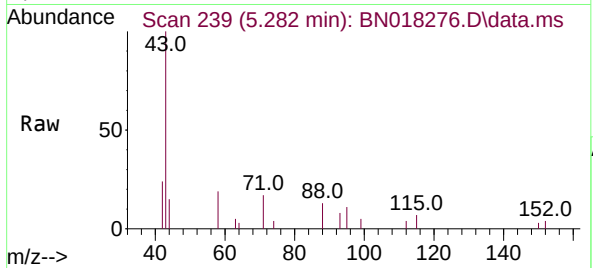




#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.282 min Scan# 21
Delta R.T. 0.037 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

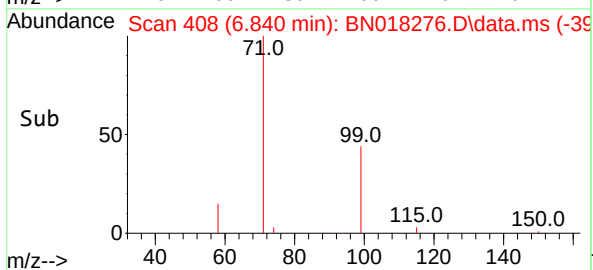
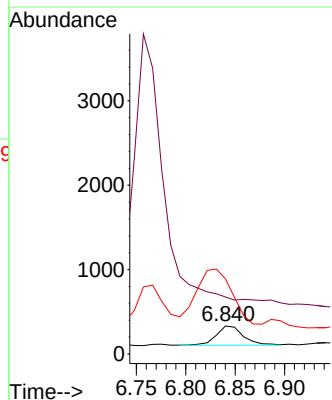
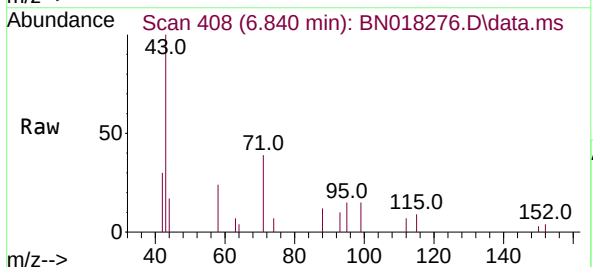
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BNA_N
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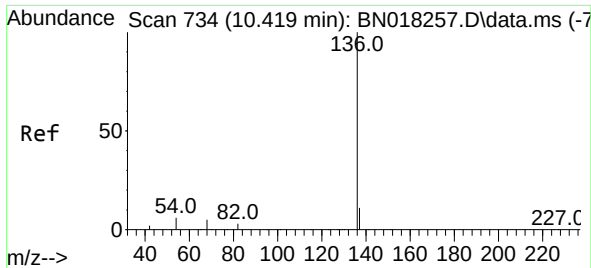
Tgt Ion:112 Resp: 87
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#



#5
Phenol-d6
Concen: 0.010 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion: 99 Resp: 435
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 366.2 26.8 40.2#

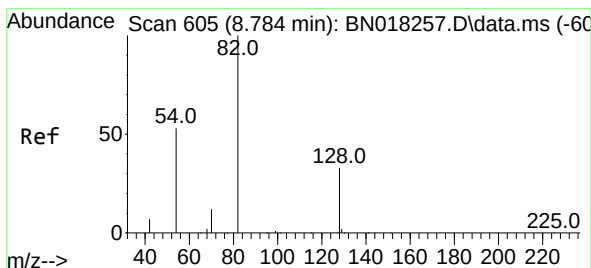
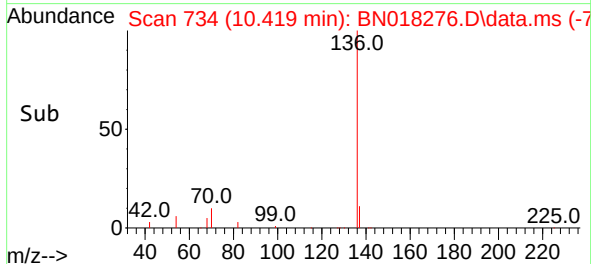
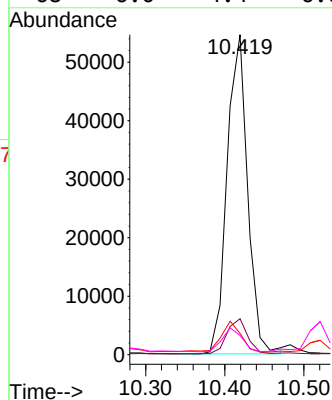
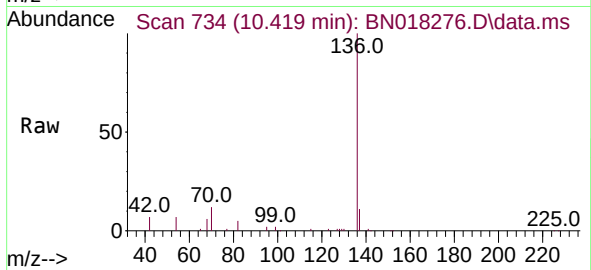




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

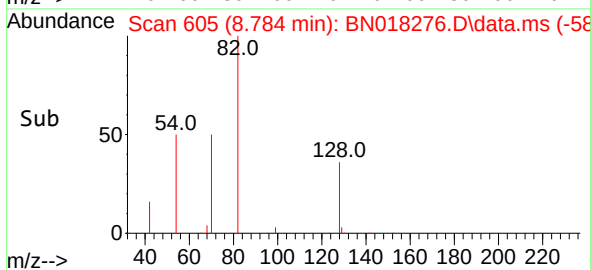
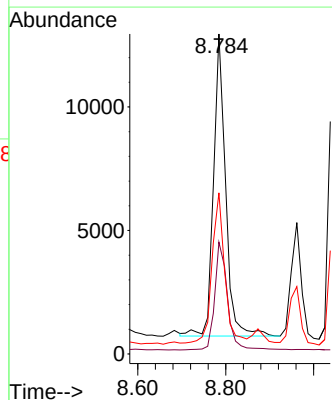
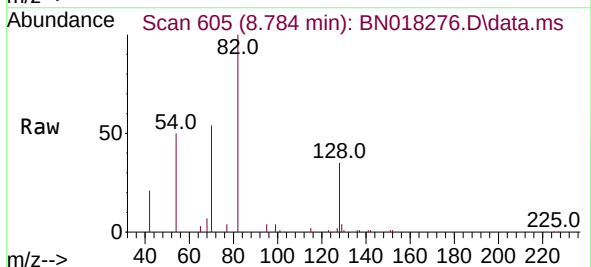
Instrument :
BNA_N
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OB-CS-04

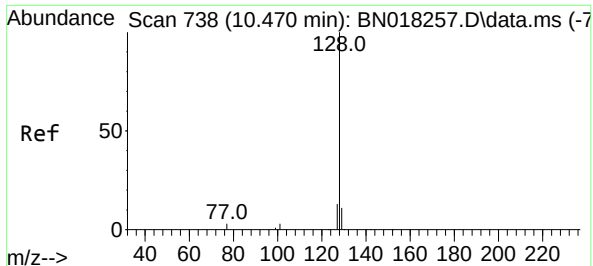
Tgt Ion:	136	Resp:	98769
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.7	5.0	7.6
68	6.0	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.455 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:	82	Resp:	23313
Ion	Ratio	Lower	Upper
82	100		
128	35.0	33.7	50.5
54	50.3	36.6	55.0

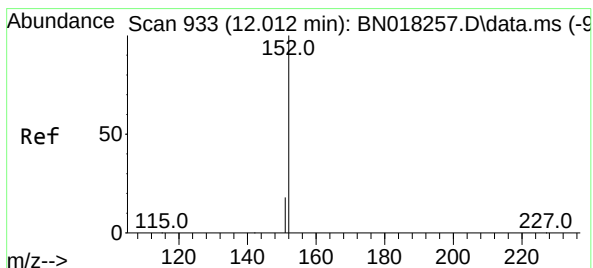
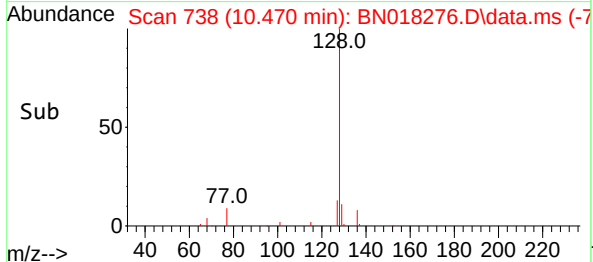
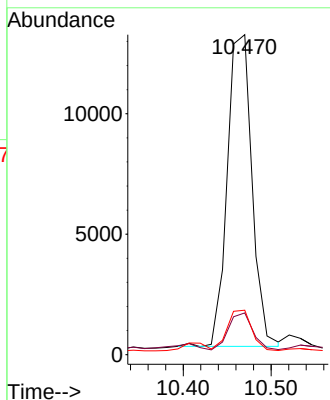
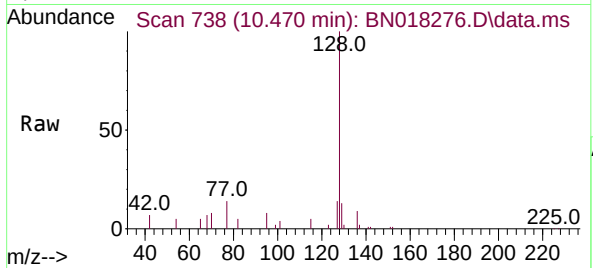




#9
Naphthalene
Concen: 0.103 ng
RT: 10.470 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

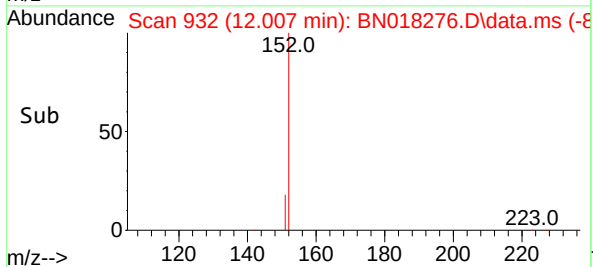
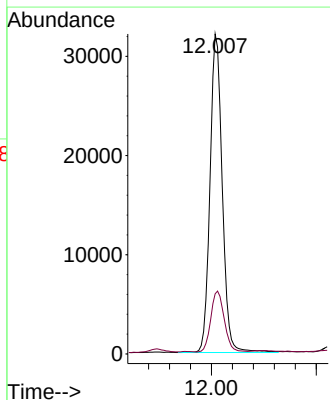
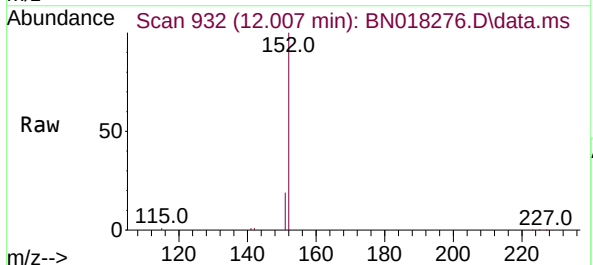
Instrument :
BNA_N
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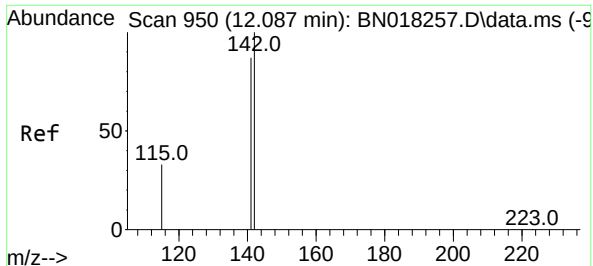
Tgt Ion:128 Resp: 25249
Ion Ratio Lower Upper
128 100
129 13.1 8.7 13.1
127 13.9 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.004 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:152 Resp: 52069
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2

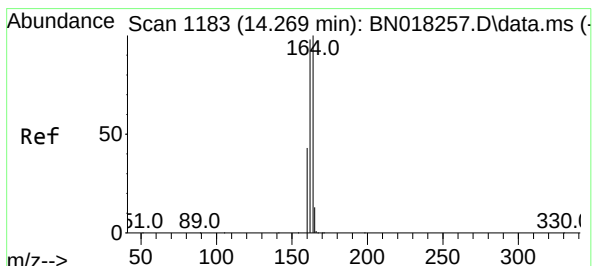
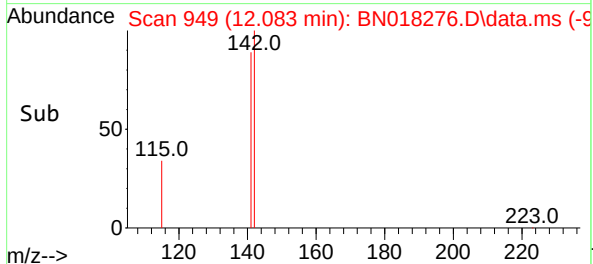
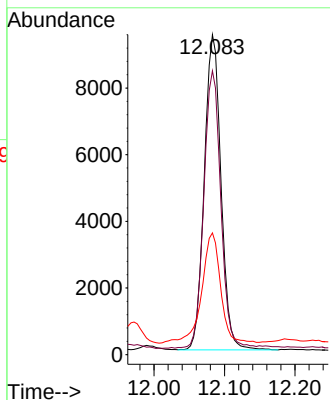
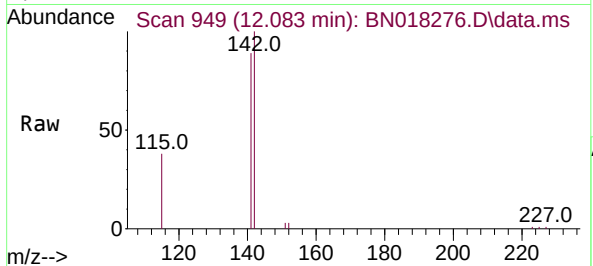




#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.004 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

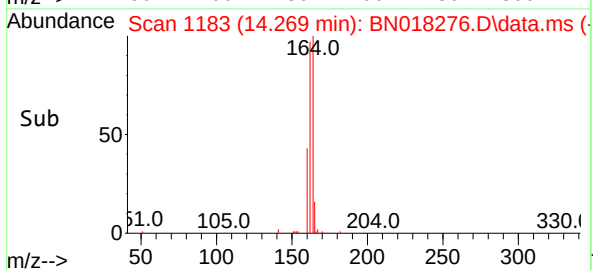
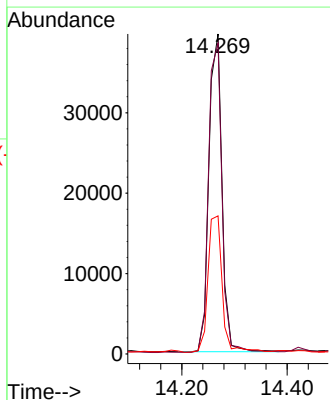
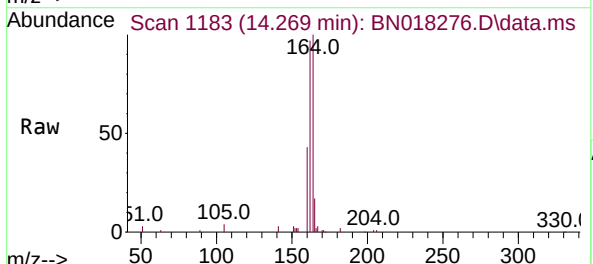
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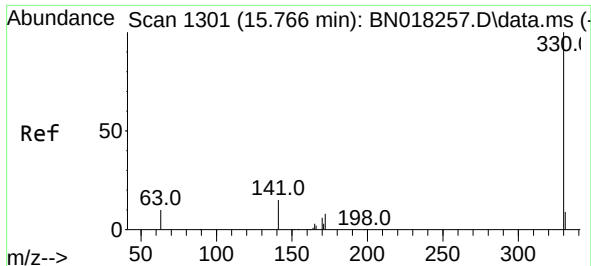
Tgt Ion:	142	Resp:	15573
Ion Ratio	Lower	Upper	
142	100		
141	88.7	70.0	105.0
115	38.0	27.8	41.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:	164	Resp:	67462
Ion Ratio	Lower	Upper	
164	100		
162	97.1	80.2	120.2
160	43.1	36.9	55.3

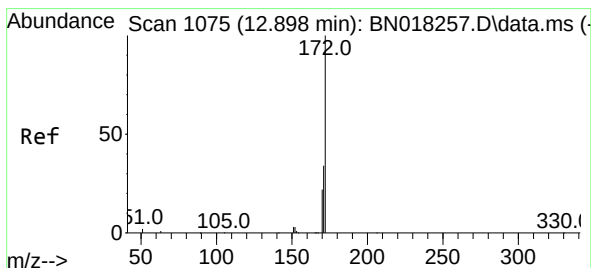
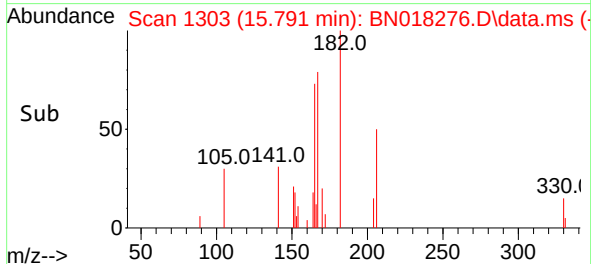
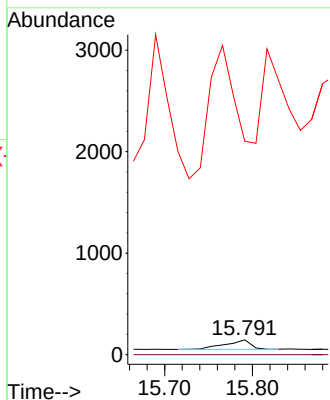
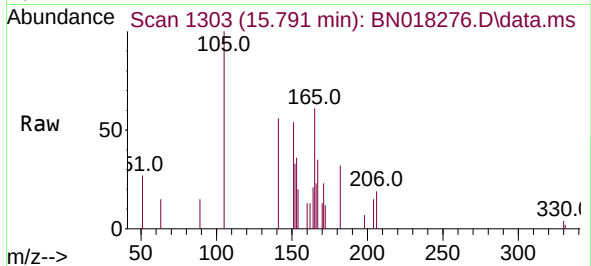




#14
 2,4,6-Tribromophenol
 Concen: 0.310 ng
 RT: 15.791 min Scan# 11
 Delta R.T. 0.025 min
 Lab File: BN018276.D
 Acq: 30 Dec 2021 01:26

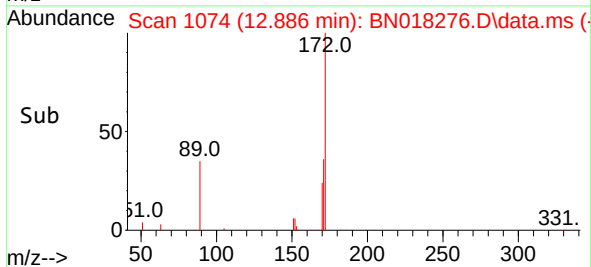
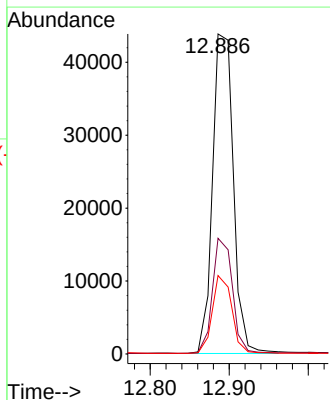
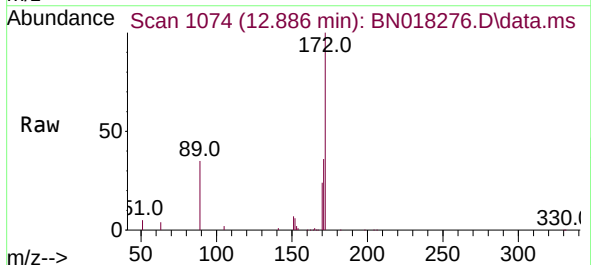
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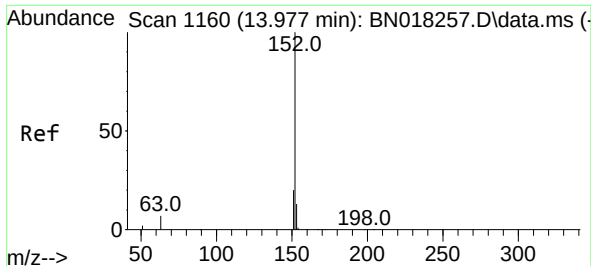
Tgt Ion: 330 Resp: 190
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 0.0 21.3 31.9#



#15
 2-Fluorobiphenyl
 Concen: 0.314 ng
 RT: 12.886 min Scan# 1074
 Delta R.T. -0.013 min
 Lab File: BN018276.D
 Acq: 30 Dec 2021 01:26

Tgt Ion: 172 Resp: 80216
 Ion Ratio Lower Upper
 172 100
 171 36.1 27.4 41.0
 170 24.5 18.4 27.6

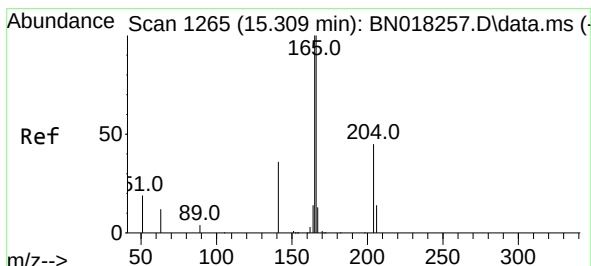
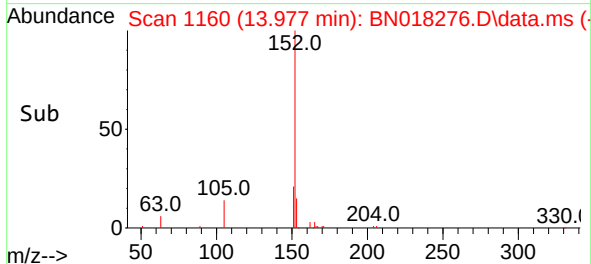
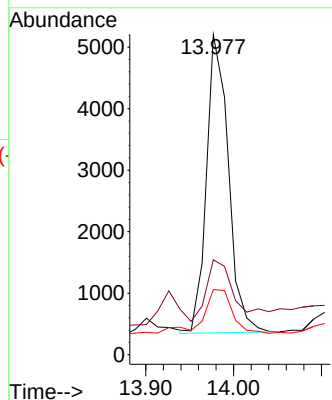
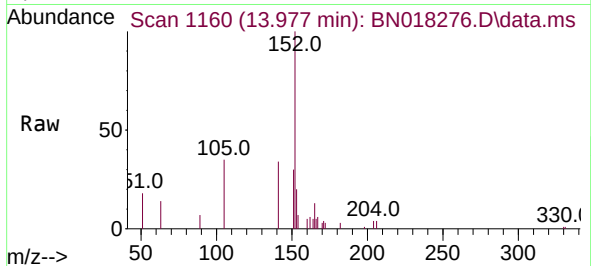




#16
Acenaphthylene
Concen: 0.035 ng
RT: 13.977 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

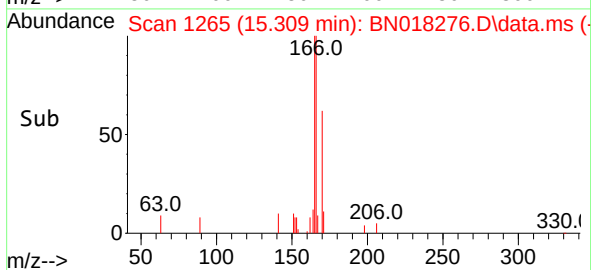
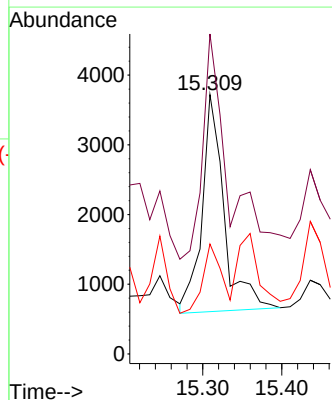
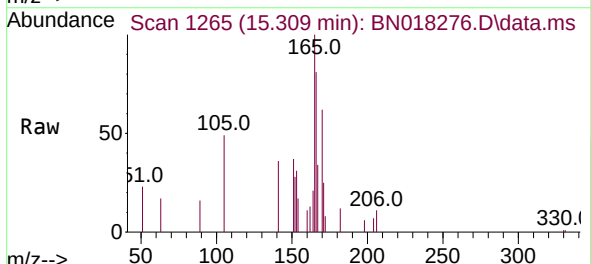
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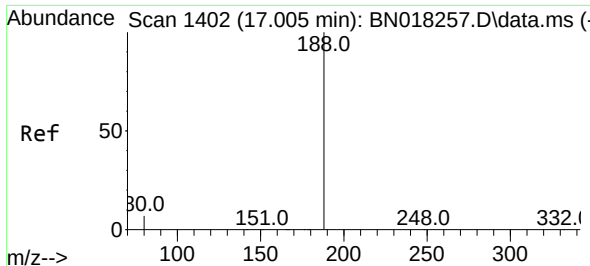
Tgt Ion:152 Resp: 8395
Ion Ratio Lower Upper
152 100
151 27.1 15.8 23.6#
153 19.3 10.5 15.7#



#18
Fluorene
Concen: 0.029 ng
RT: 15.309 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:166 Resp: 6036
Ion Ratio Lower Upper
166 100
165 127.8 77.8 116.6#
167 27.6 10.9 16.3#

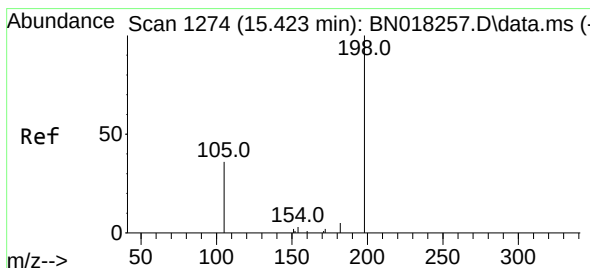
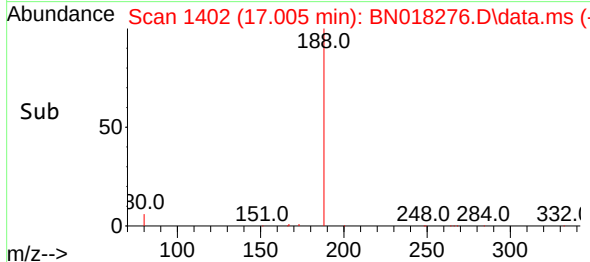
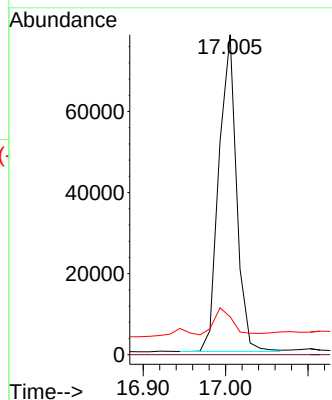
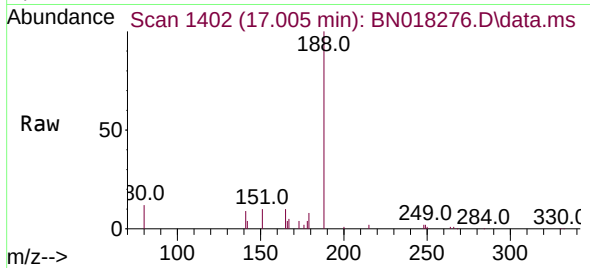




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.005 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: BN018276.D
 Acq: 30 Dec 2021 01:26

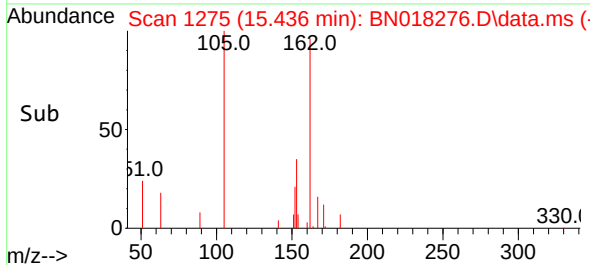
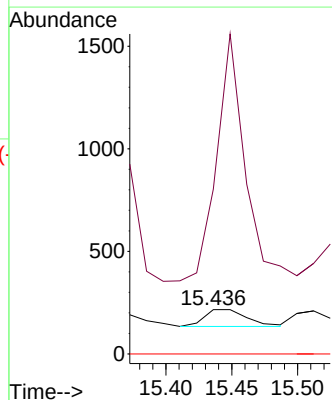
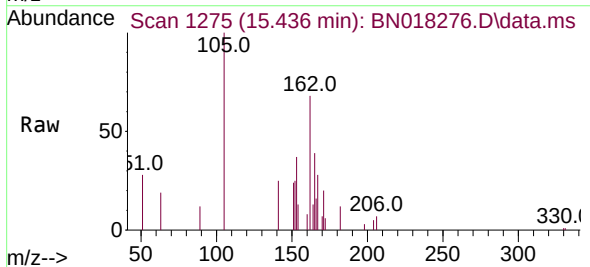
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-04

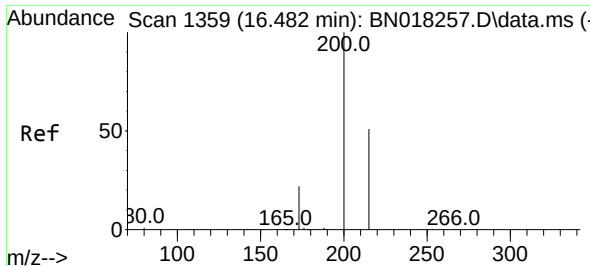
Tgt Ion:188 Resp: 116388
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 11.8 7.0 10.4#



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.281 ng
 RT: 15.436 min Scan# 1275
 Delta R.T. 0.013 min
 Lab File: BN018276.D
 Acq: 30 Dec 2021 01:26

Tgt Ion:198 Resp: 186
 Ion Ratio Lower Upper
 198 100
 182 371.8 15.5 23.3#
 77 0.0 0.0 0.0

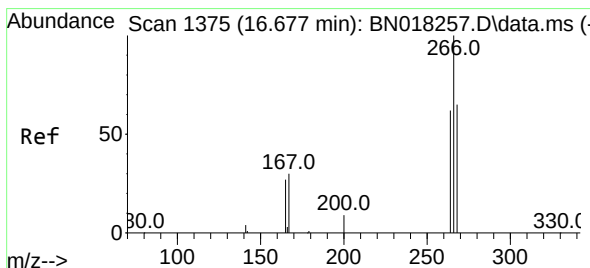
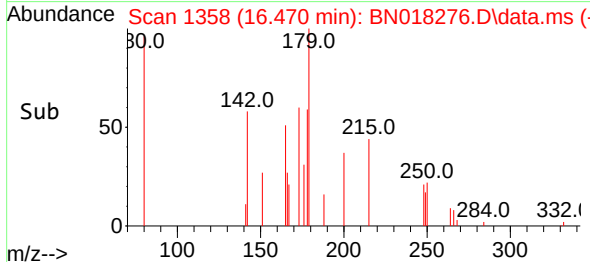
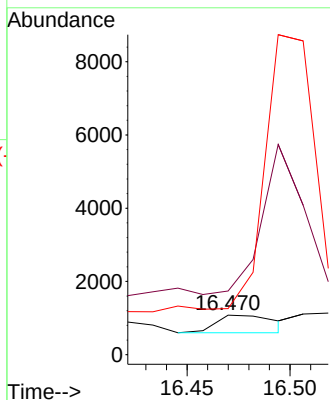
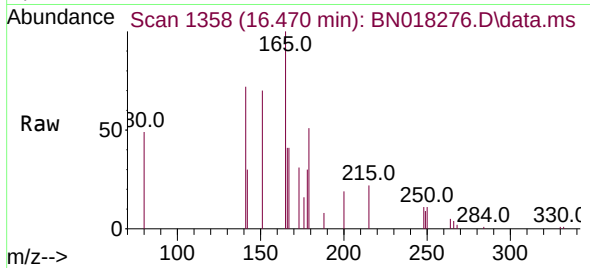




#23
 Atrazine
 Concen: 0.151 ng
 RT: 16.470 min Scan# 1358
 Delta R.T. -0.012 min
 Lab File: BN018276.D
 Acq: 30 Dec 2021 01:26

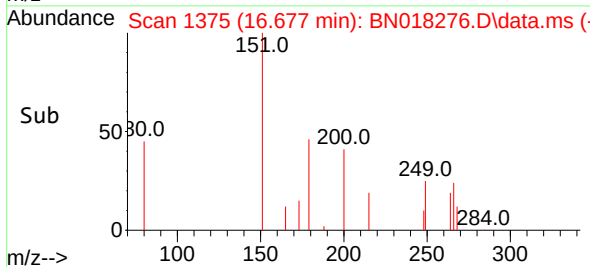
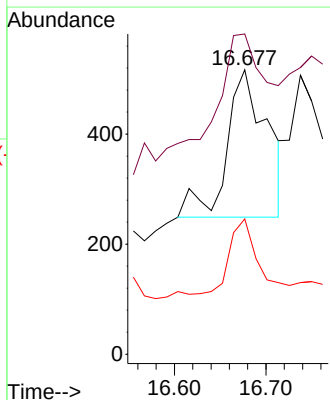
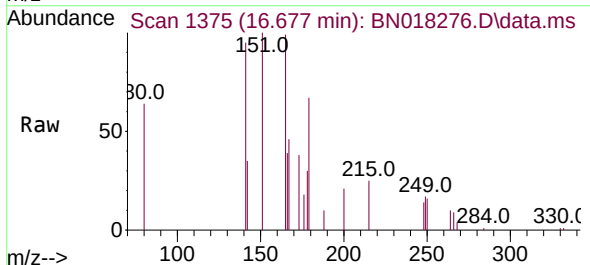
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-04

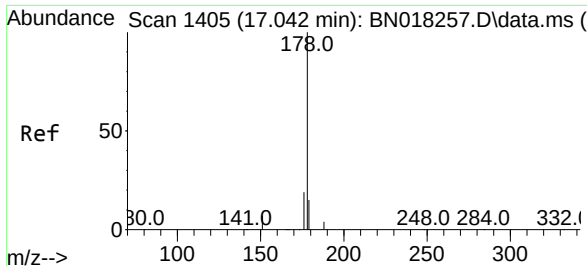
Tgt Ion:200 Resp: 958
 Ion Ratio Lower Upper
 200 100
 173 160.8 20.3 30.5#
 215 116.4 40.4 60.6#



#24
 Pentachlorophenol
 Concen: 0.253 ng
 RT: 16.677 min Scan# 1375
 Delta R.T. -0.000 min
 Lab File: BN018276.D
 Acq: 30 Dec 2021 01:26

Tgt Ion:266 Resp: 823
 Ion Ratio Lower Upper
 266 100
 264 78.9 49.5 74.3#
 268 35.7 50.6 76.0#

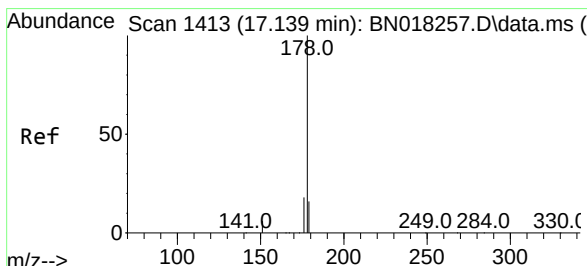
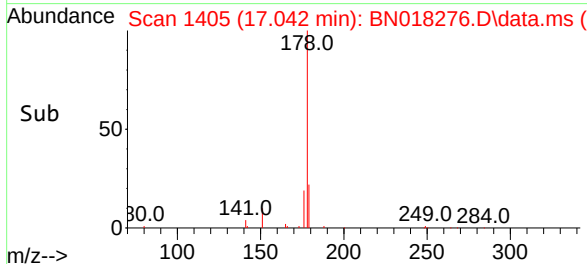
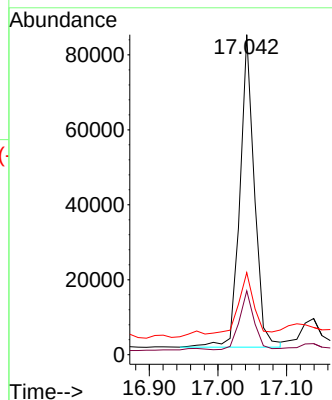
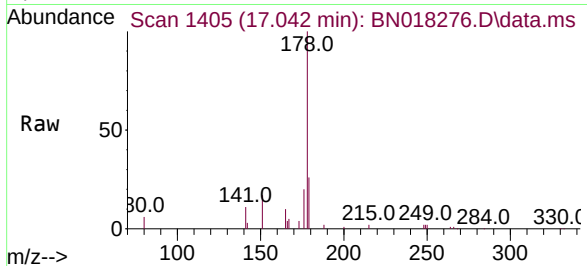




#25
Phenanthrene
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

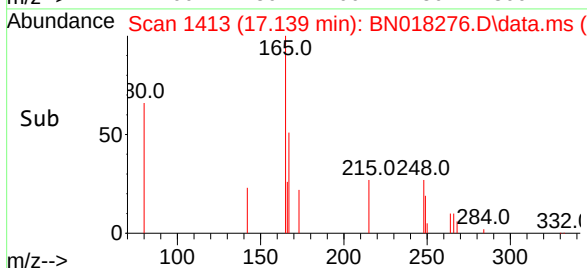
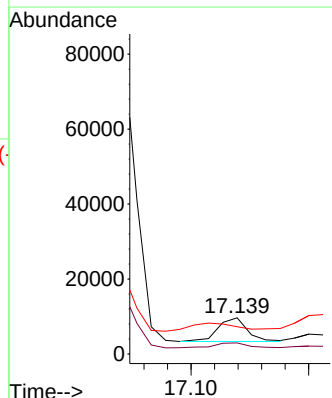
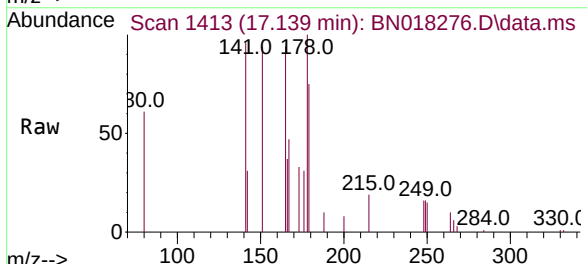
Instrument :
BNA_N
ClientSampleId :
OB-CS-04

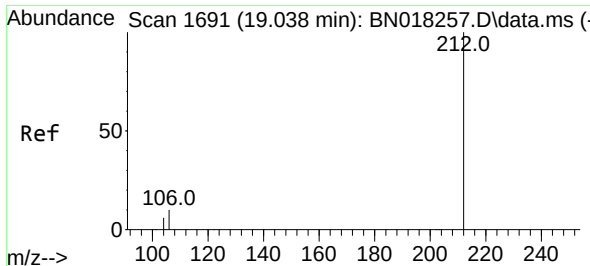
Tgt Ion:178 Resp: 122588
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 19.2 12.3 18.5#



#26
Anthracene
Concen: 0.082 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:178 Resp: 10998
Ion Ratio Lower Upper
178 100
176 23.9 14.8 22.2#
179 0.0 12.2 18.4#

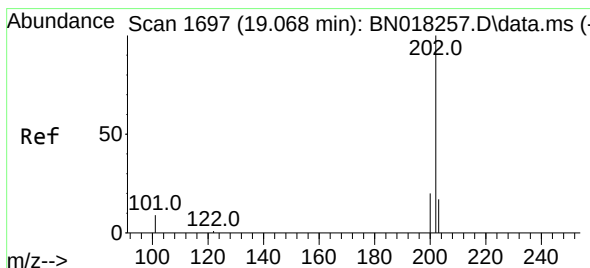
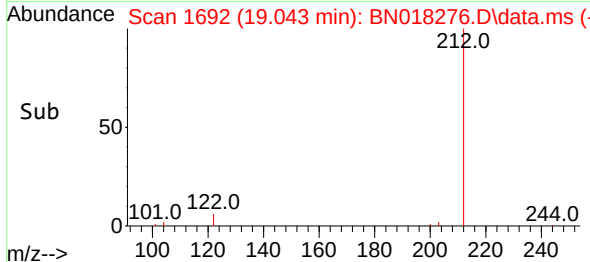
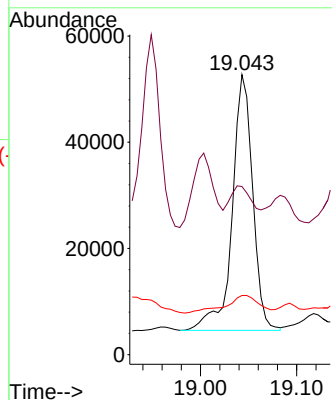
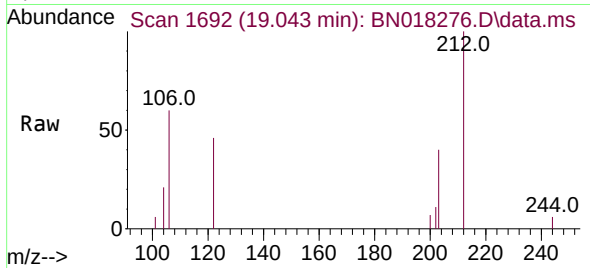




#27
Fluoranthene-d10
Concen: 0.192 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.005 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

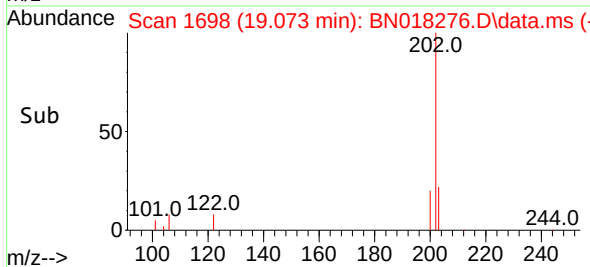
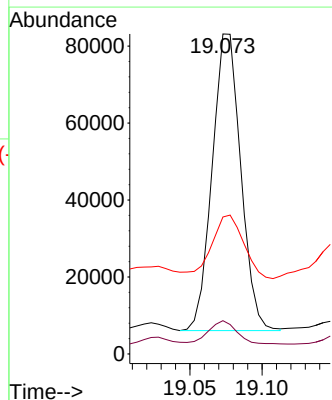
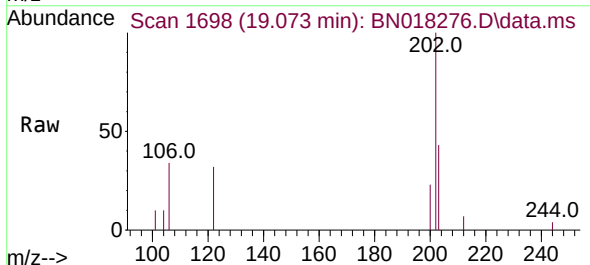
Instrument :
BNA_N
ClientSampleId :
OB-CS-04

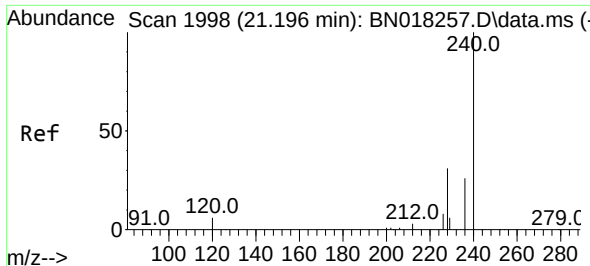
Tgt Ion:212 Resp: 71131
Ion Ratio Lower Upper
212 100
106 14.7 8.4 12.6#
104 11.0 4.5 6.7#



#28
Fluoranthene
Concen: 0.296 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.005 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:202 Resp: 106470
Ion Ratio Lower Upper
202 100
101 7.8 7.2 10.8
203 23.7 13.7 20.5#

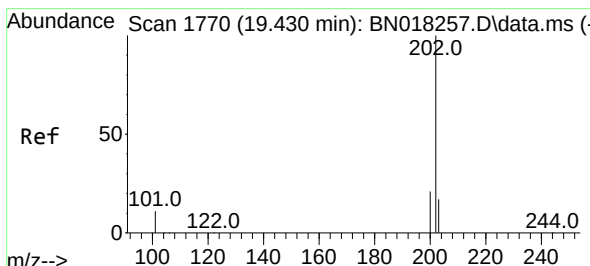
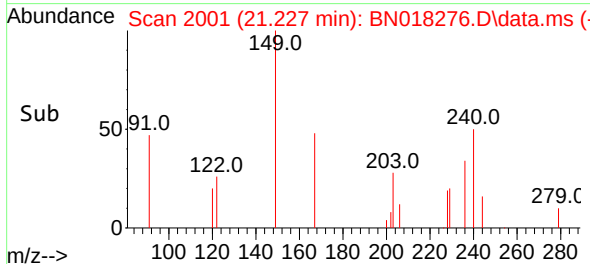
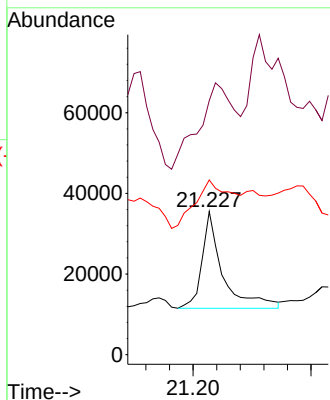
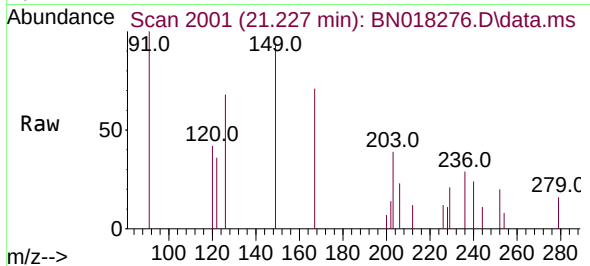




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2011
Delta R.T. 0.031 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

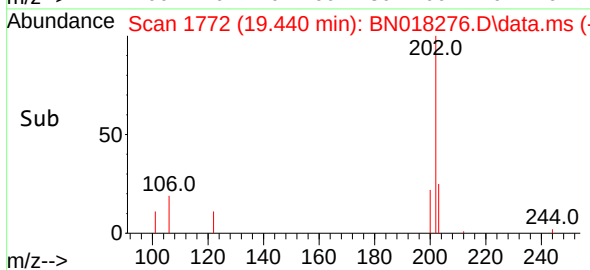
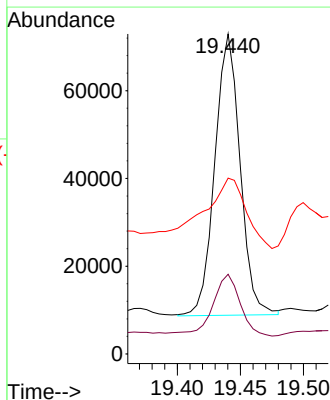
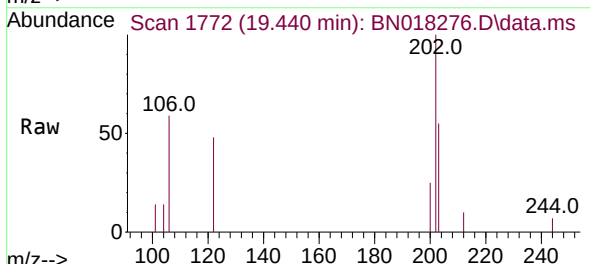
Instrument :
BNA_N
ClientSampleId :
OB-CS-04

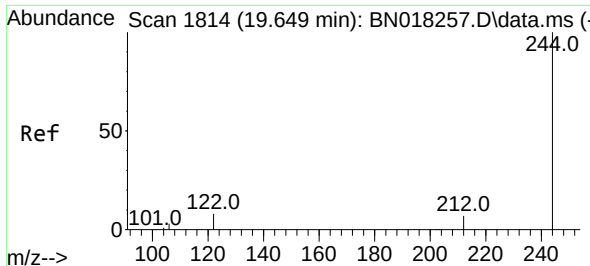
Tgt Ion:240 Resp: 58660
Ion Ratio Lower Upper
240 100
120 177.4 6.0 9.0#
236 122.0 21.4 32.2#



#30
Pyrene
Concen: 0.388 ng
RT: 19.440 min Scan# 1772
Delta R.T. 0.010 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

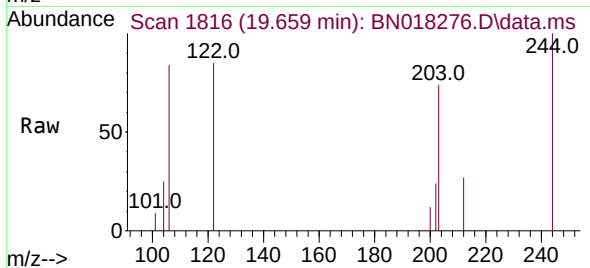
Tgt Ion:202 Resp: 89162
Ion Ratio Lower Upper
202 100
200 23.9 16.6 25.0
203 44.0 14.1 21.1#



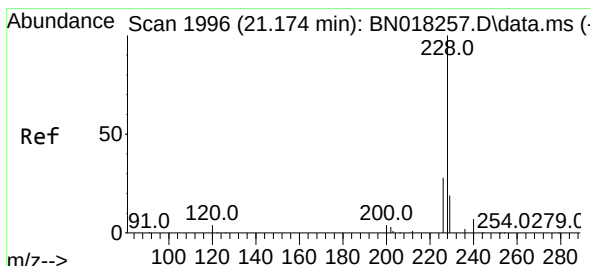
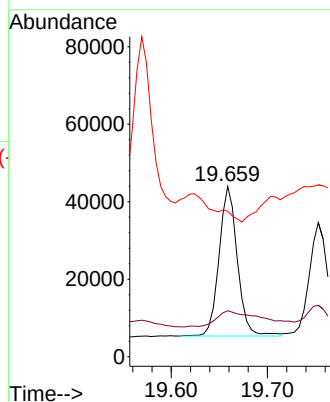
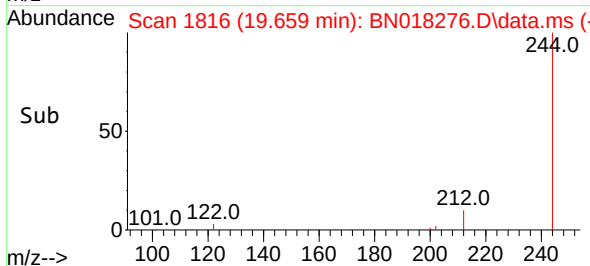


#31
 Terphenyl-d14
 Concen: 0.343 ng
 RT: 19.659 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: BN018276.D
 Acq: 30 Dec 2021 01:26

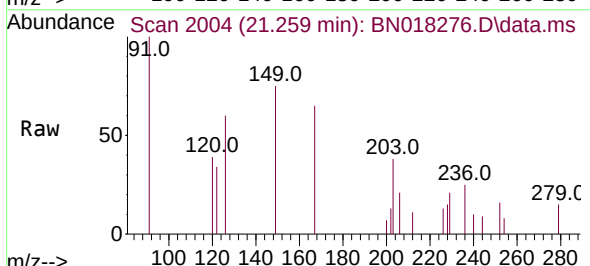
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-04



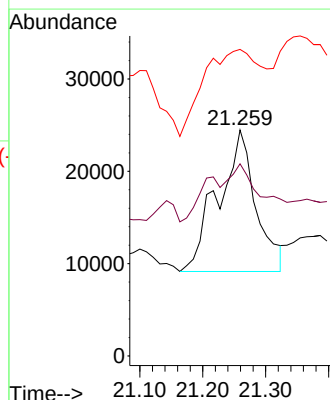
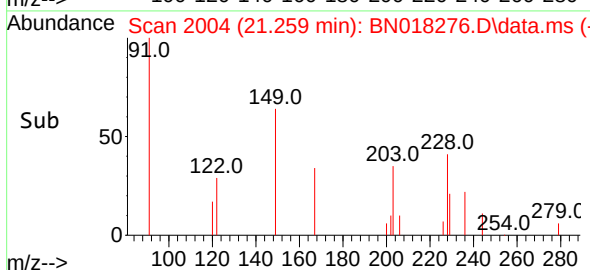
Tgt Ion:244 Resp: 51136
 Ion Ratio Lower Upper
 244 100
 212 26.9 6.2 9.2#
 122 85.4 7.9 11.9#

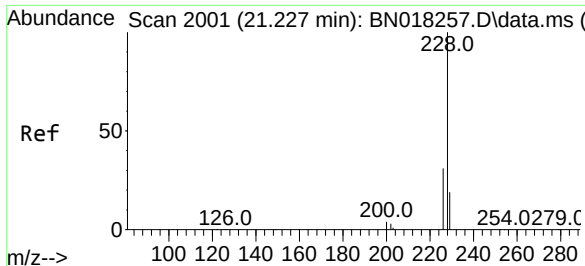


#32
 Benzo(a)anthracene
 Concen: 0.394 ng
 RT: 21.259 min Scan# 2004
 Delta R.T. 0.085 min
 Lab File: BN018276.D
 Acq: 30 Dec 2021 01:26



Tgt Ion:228 Resp: 63971
 Ion Ratio Lower Upper
 228 100
 226 85.0 21.3 31.9#
 229 135.7 15.9 23.9#





#33

Chrysene

Concen: 0.273 ng

RT: 21.259 min Scan# 2004

Delta R.T. 0.032 min

Lab File: BN018276.D

Acq: 30 Dec 2021 01:26

Instrument :

BNA_N

ClientSampleId :

OB-CS-04

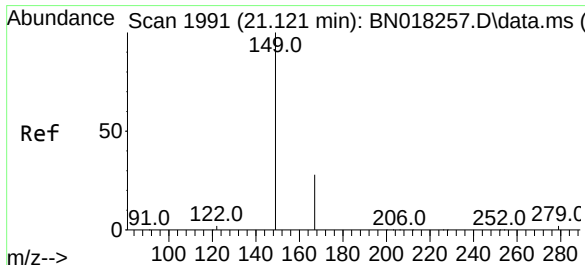
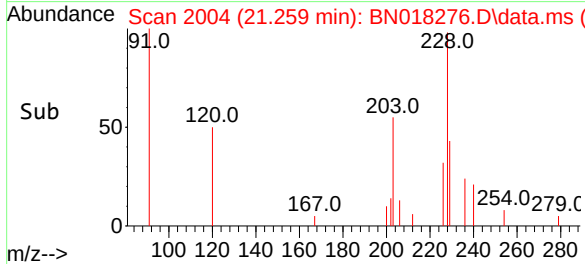
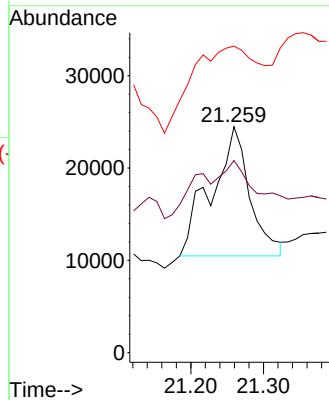
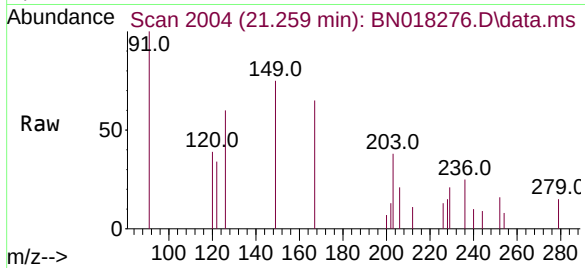
Tgt Ion:228 Resp: 51590

Ion Ratio Lower Upper

228 100

226 85.0 24.2 36.4#

229 135.7 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 49.905 ng

RT: 21.164 min Scan# 1995

Delta R.T. 0.042 min

Lab File: BN018276.D

Acq: 30 Dec 2021 01:26

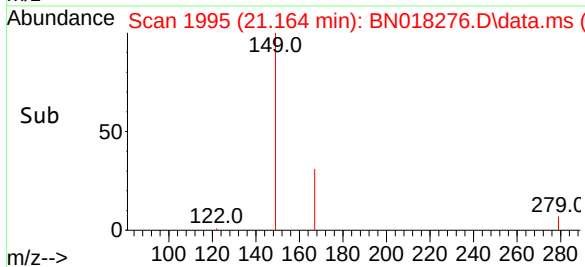
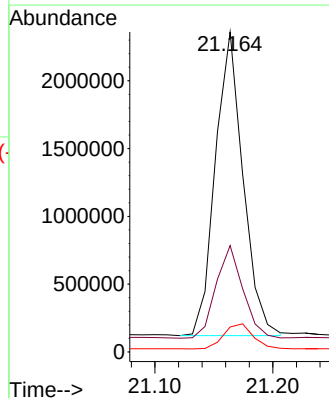
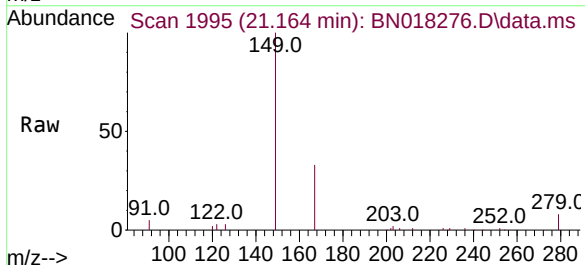
Tgt Ion:149 Resp: 3654124

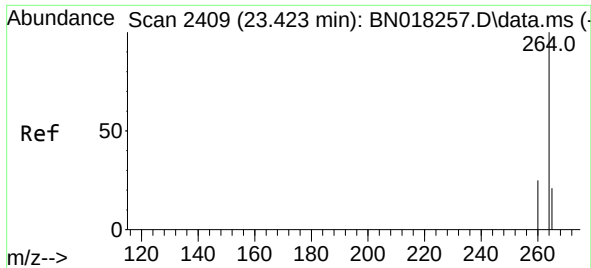
Ion Ratio Lower Upper

149 100

167 29.8 23.7 35.5

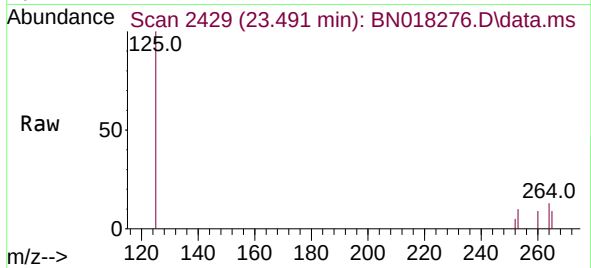
279 8.7 3.6 5.4#



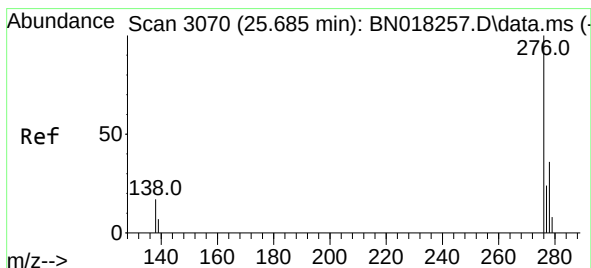
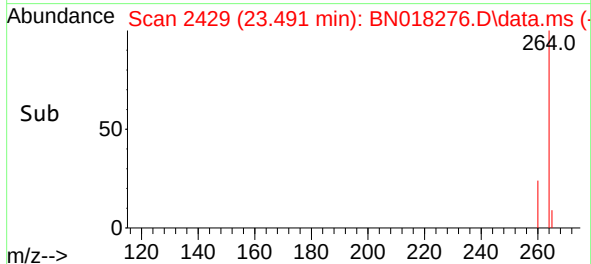
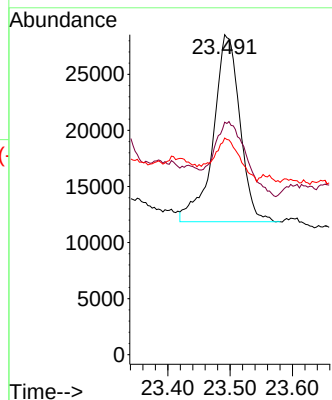


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.491 min Scan# 2409
 Delta R.T. 0.068 min
 Lab File: BN018276.D
 Acq: 30 Dec 2021 01:26

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-04

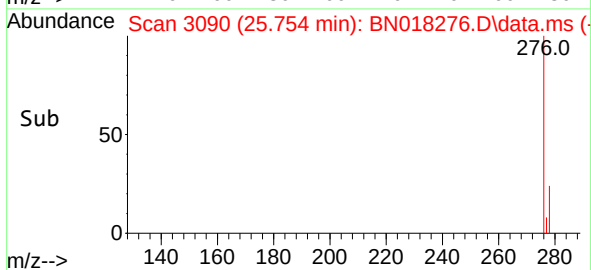
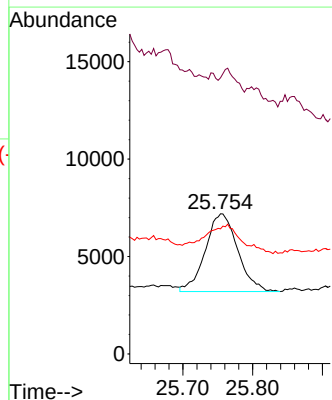
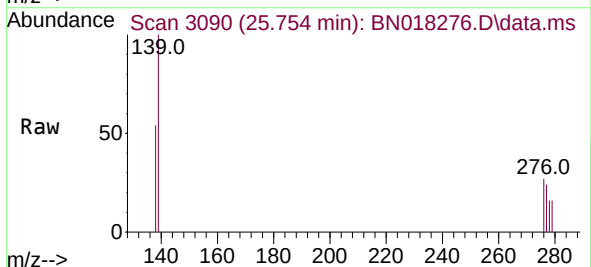


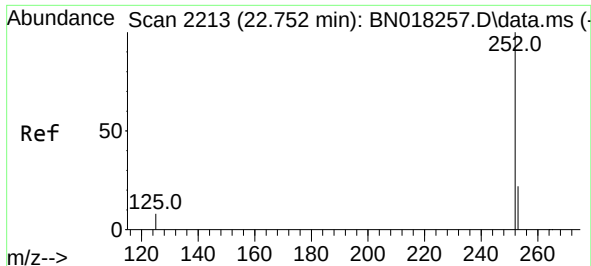
Tgt Ion:264 Resp: 49515
 Ion Ratio Lower Upper
 264 100
 260 72.7 20.2 30.4#
 265 67.7 18.2 27.2#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.109 ng
 RT: 25.754 min Scan# 3090
 Delta R.T. 0.068 min
 Lab File: BN018276.D
 Acq: 30 Dec 2021 01:26

Tgt Ion:276 Resp: 12869
 Ion Ratio Lower Upper
 276 100
 138 11.2 14.9 22.3#
 277 44.2 19.9 29.9#

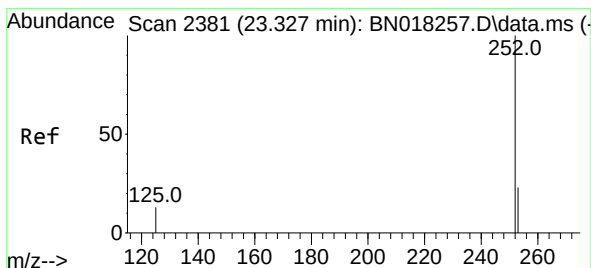
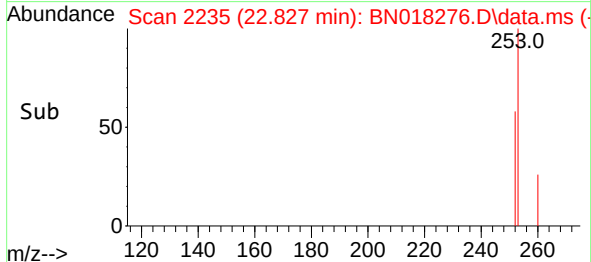
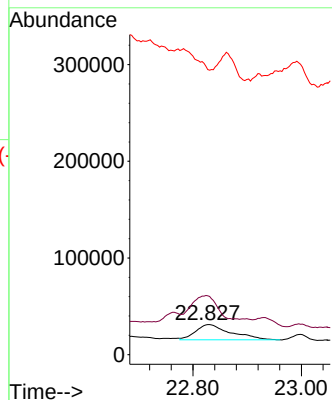
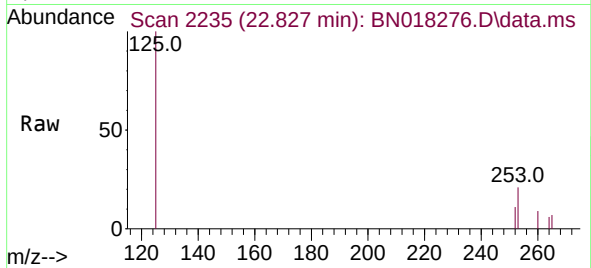




#37
Benzo(b)fluoranthene
Concen: 0.453 ng
RT: 22.827 min Scan# 21
Delta R.T. 0.075 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

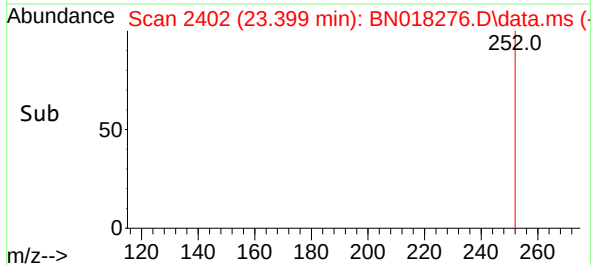
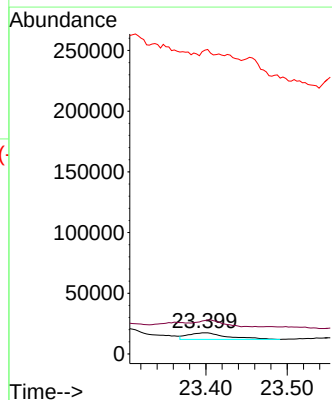
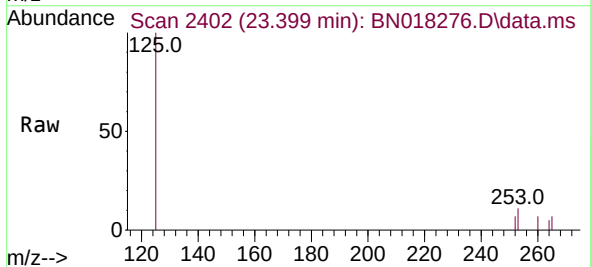
Instrument :
BNA_N
ClientSampleId :
OB-CS-04

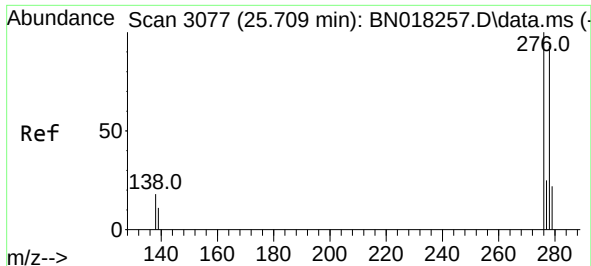
Tgt Ion:252 Resp: 71352
Ion Ratio Lower Upper
252 100
253 195.4 17.8 26.6#
125 946.9 6.0 9.0#



#39
Benzo(a)pyrene
Concen: 0.134 ng
RT: 23.399 min Scan# 2402
Delta R.T. 0.072 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:252 Resp: 18300
Ion Ratio Lower Upper
252 100
253 157.4 17.8 26.6#
125 1431.9 7.0 10.4#

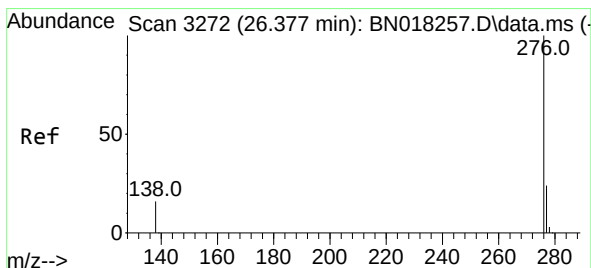
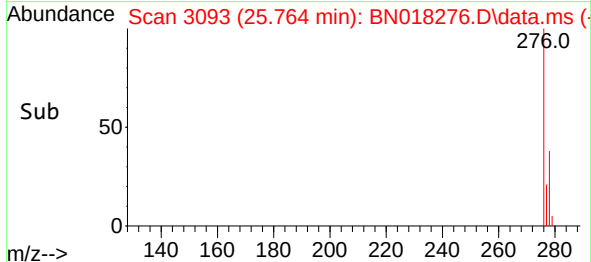
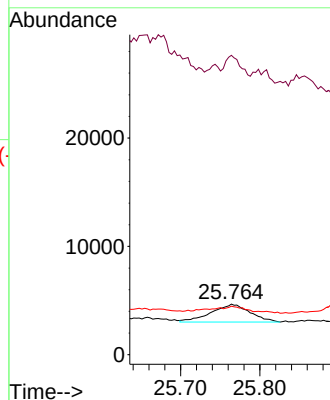
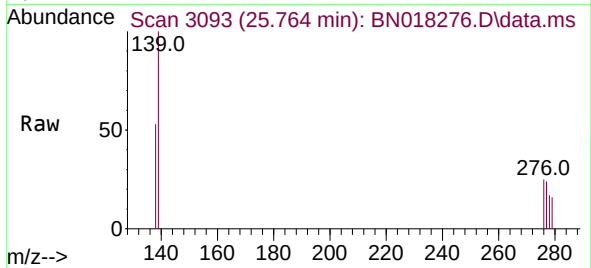




#40
Dibenzo(a,h)anthracene
Concen: 0.067 ng
RT: 25.764 min Scan# 3093
Delta R.T. 0.055 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-04

Tgt Ion:278 Resp: 5620
Ion Ratio Lower Upper
278 100
139 591.7 10.8 16.2#
279 96.0 19.0 28.4#



#41
Benzo(g,h,i)perylene
Concen: 0.152 ng
RT: 26.442 min Scan# 3291
Delta R.T. 0.065 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:276 Resp: 17986
Ion Ratio Lower Upper
276 100
277 66.9 19.0 28.6#
138 119.9 12.6 19.0#

