

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
 Data File : BN018202.D
 Acq On : 24 Dec 2021 05:12
 Operator : CG/JU
 Sample : M5224-06 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-COMP

Quant Time: Dec 24 23:34:27 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)

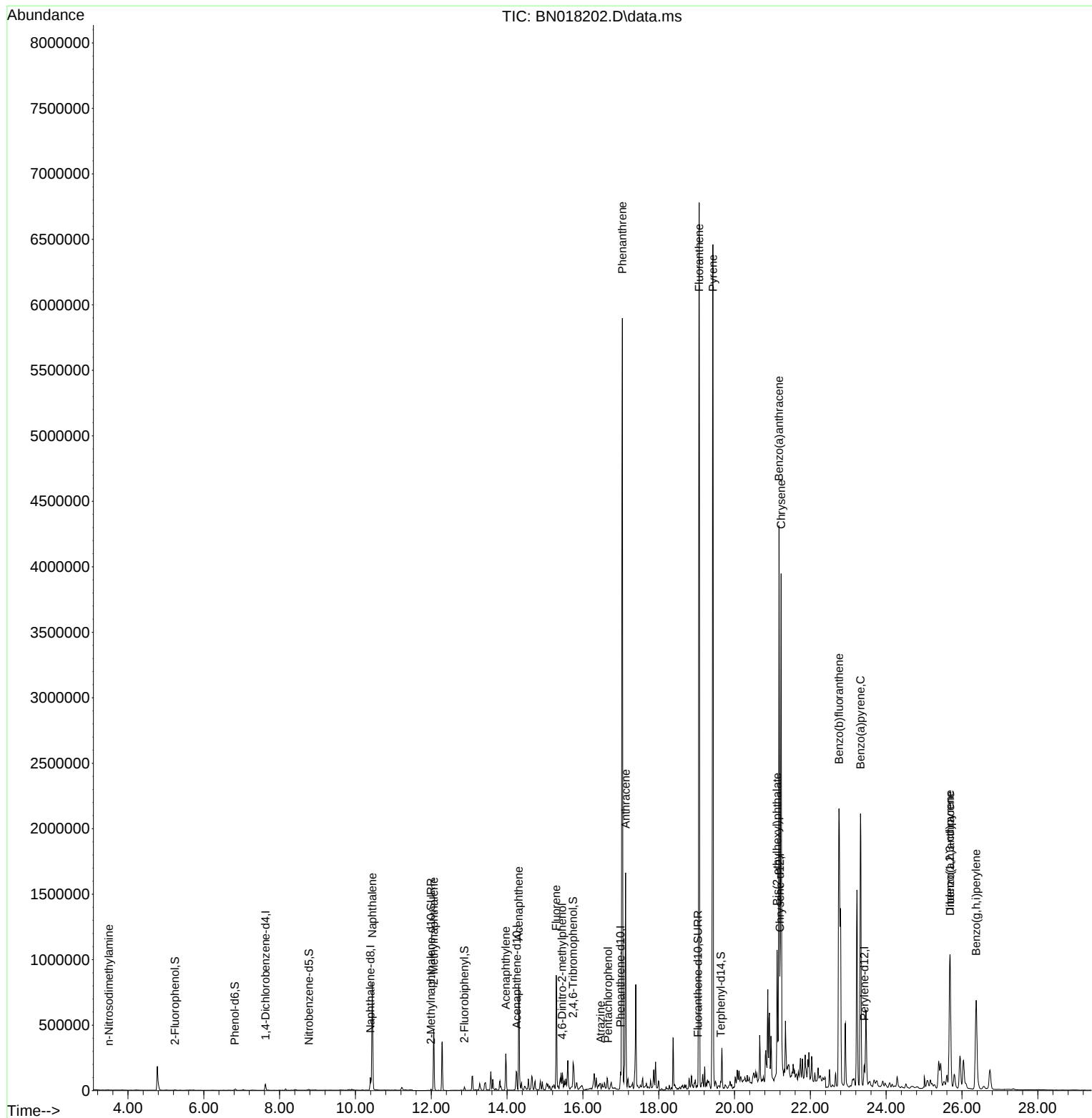
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	27718	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	123577	0.400	ng	0.00
13) Acenaphthene-d10	14.256	164	80792	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	171269	0.400	ng	0.00
29) Chrysene-d12	21.195	240	169480	0.400	ng	# 0.00
35) Perylene-d12	23.419	264	195069	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	4471	0.074	ng	0.00
5) Phenol-d6	6.812	99	5204	0.080	ng	0.00
8) Nitrobenzene-d5	8.771	82	6966	0.084	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	14714	0.069	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	3467	0.246	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	21789	0.072	ng	-0.01
27) Fluoranthene-d10	19.033	212	35064	0.065	ng	0.00
31) Terphenyl-d14	19.638	244	33893	0.091	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.493	42	543	0.022	ng	# 1
9) Naphthalene	10.444	128	1051901	3.448	ng	100
12) 2-Methylnaphthalene	12.065	142	330749	1.642	ng	99
16) Acenaphthylene	13.964	152	269910	0.899	ng	97
17) Acenaphthene	14.307	154	455585	2.176	ng	99
18) Fluorene	15.296	166	576132	2.239	ng	97
20) 4,6-Dinitro-2-methylph...	15.448	198	279	0.181	ng	# 1
23) Atrazine	16.470	200	170	0.104	ng	# 1
24) Pentachlorophenol	16.664	266	344	0.299	ng	# 86
25) Phenanthrene	17.042	178	6761647	14.875	ng	98
26) Anthracene	17.127	178	1656145	4.422	ng	# 92
28) Fluoranthene	19.068	202	6888633	12.980	ng	97
30) Pyrene	19.430	202	6610732	12.154	ng	# 93
32) Benzo(a)anthracene	21.174	228	3654137	7.422	ng	98
33) Chrysene	21.227	228	3450041	6.423	ng	96
34) Bis(2-ethylhexyl)phtha...	21.121	149	861567	3.396	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.682	276	1637344	2.900	ng	# 96
37) Benzo(b)fluoranthene	22.755	252	3943972	6.537	ng	98
39) Benzo(a)pyrene	23.323	252	3119933	5.753	ng	98
40) Dibenzo(a,h)anthracene	25.689	278	433543	0.928	ng	96
41) Benzo(g,h,i)perylene	26.373	276	1532835	2.947	ng	98

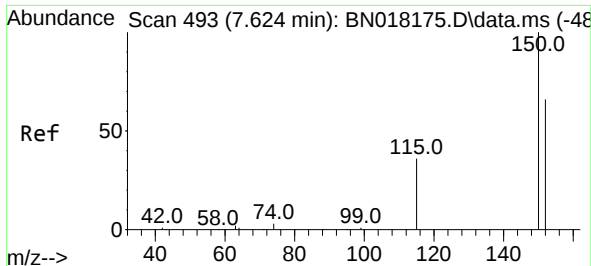
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
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ALS Vial : 31 Sample Multiplier: 1

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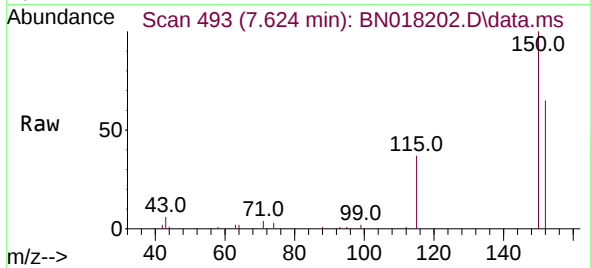
Quant Time: Dec 24 23:34:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
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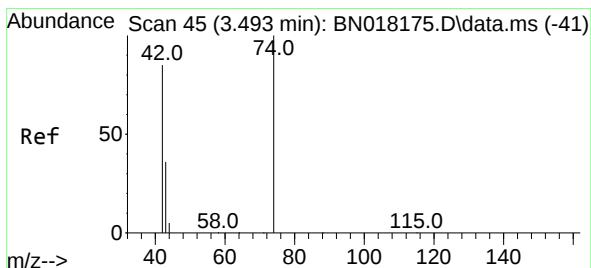
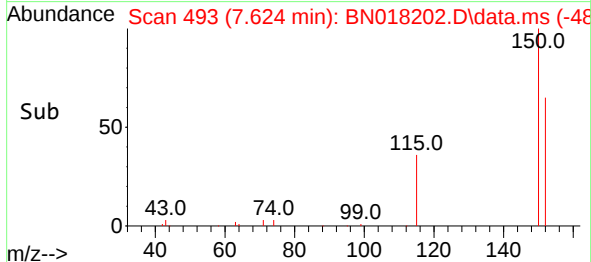
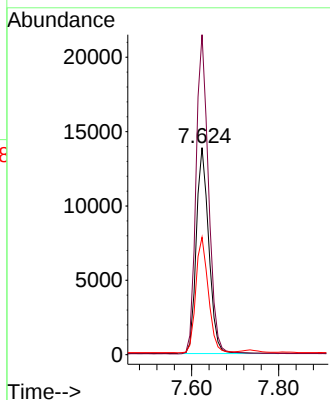


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 493
Delta R.T. -0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Instrument :
BNA_N
ClientSampleId :
SB-COMP

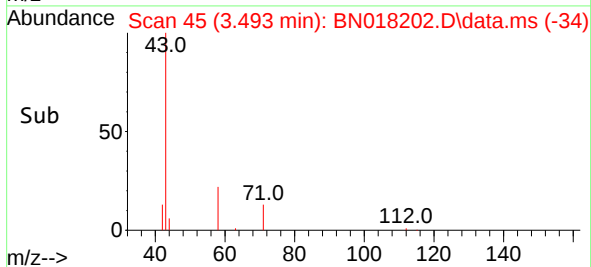
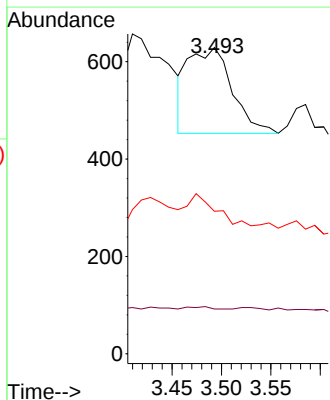
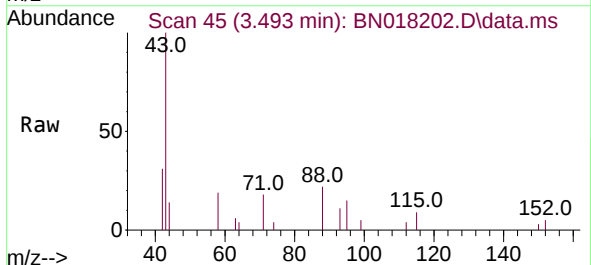


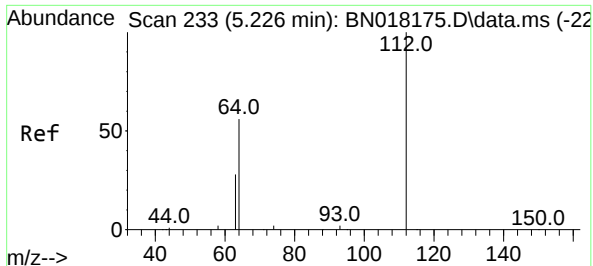
Tgt Ion:152 Resp: 27718
Ion Ratio Lower Upper
152 100
150 154.6 121.7 182.5
115 56.8 43.8 65.8



#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.493 min Scan# 45
Delta R.T. -0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Tgt Ion: 42 Resp: 543
Ion Ratio Lower Upper
42 100
74 1.5 108.6 163.0#
44 29.3 5.8 8.8#

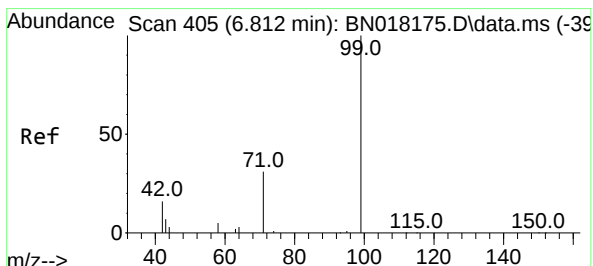
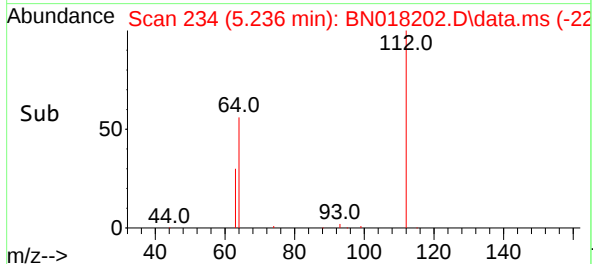
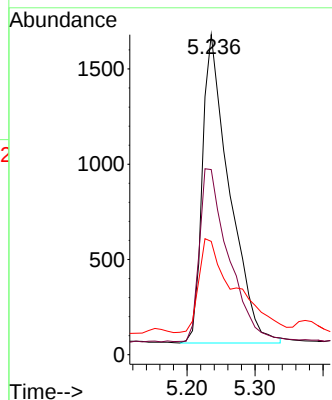
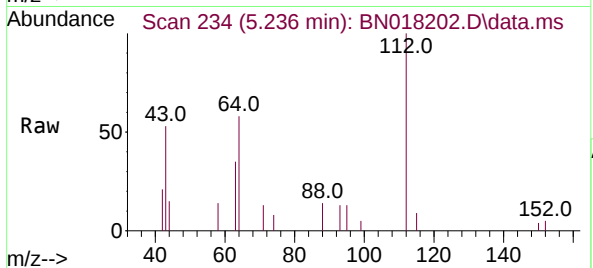




#4
2-Fluorophenol
Concen: 0.074 ng
RT: 5.236 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

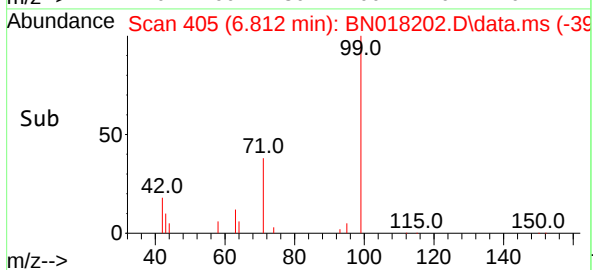
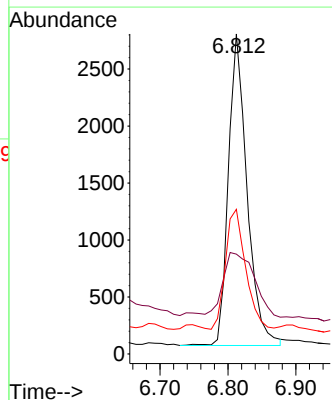
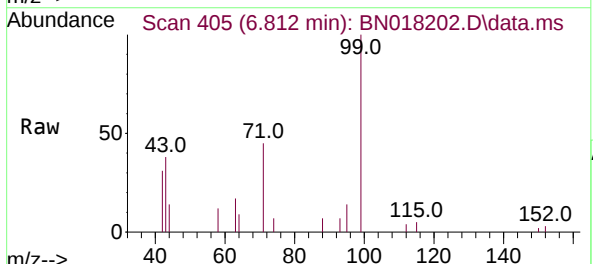
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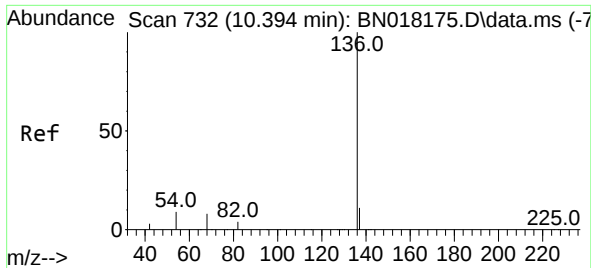
Tgt Ion:112 Resp: 4471
Ion Ratio Lower Upper
112 100
64 60.5 48.0 72.0
63 40.5 25.3 37.9#



#5
Phenol-d6
Concen: 0.080 ng
RT: 6.812 min Scan# 405
Delta R.T. 0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Tgt Ion: 99 Resp: 5204
Ion Ratio Lower Upper
99 100
42 34.6 16.3 24.5#
71 41.7 26.8 40.2#

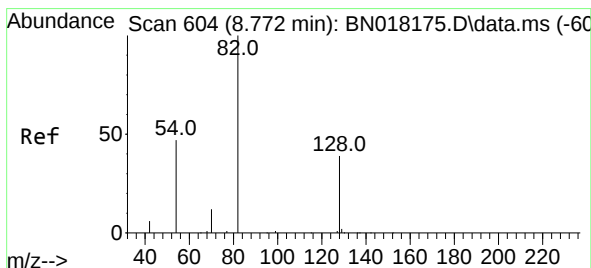
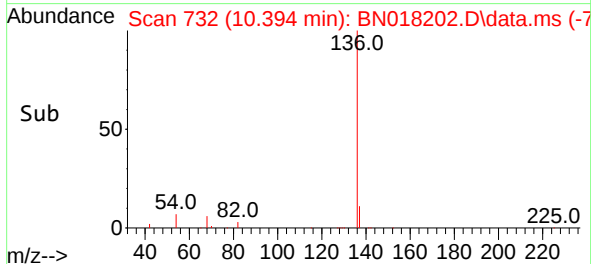
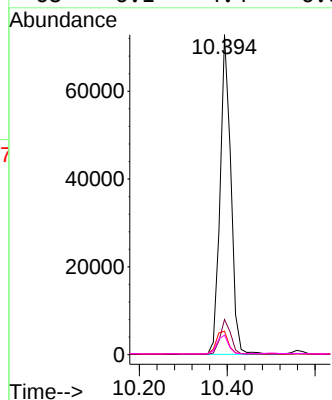
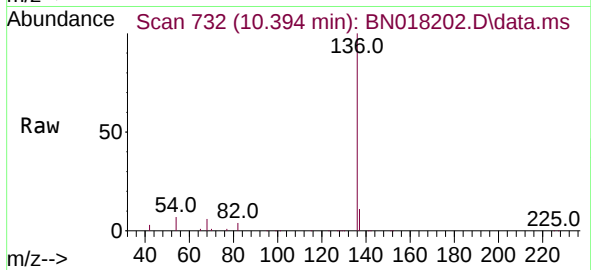




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

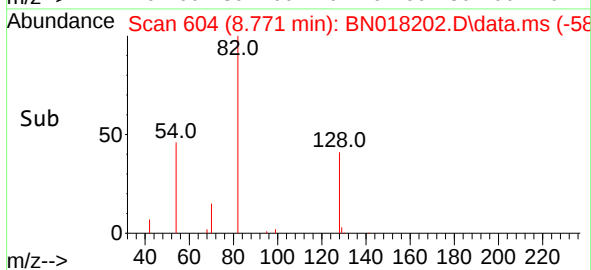
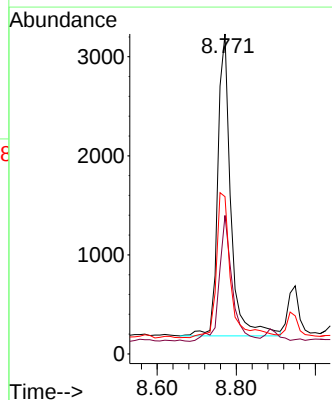
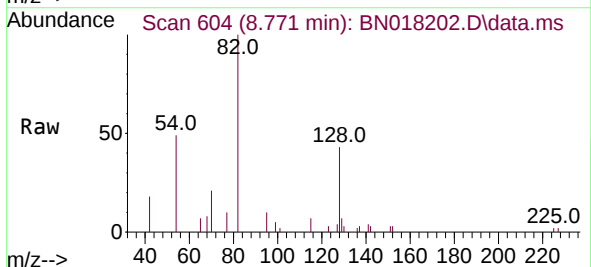
Instrument :
BNA_N
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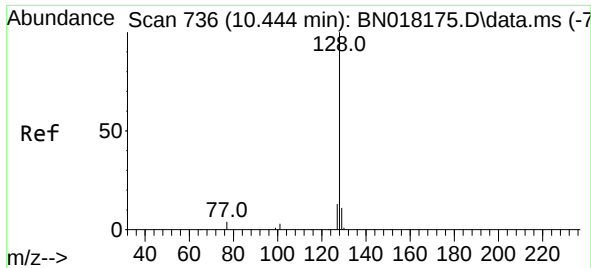
Tgt Ion:136 Resp: 123577
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 5.0 7.6
68 6.1 4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.084 ng
RT: 8.771 min Scan# 604
Delta R.T. -0.001 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Tgt Ion: 82 Resp: 6966
Ion Ratio Lower Upper
82 100
128 43.3 33.7 50.5
54 49.2 36.6 55.0

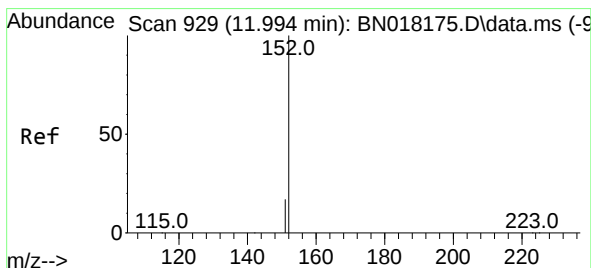
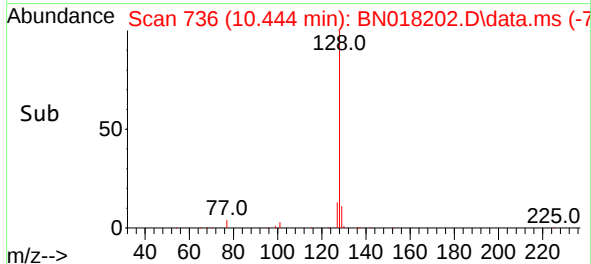
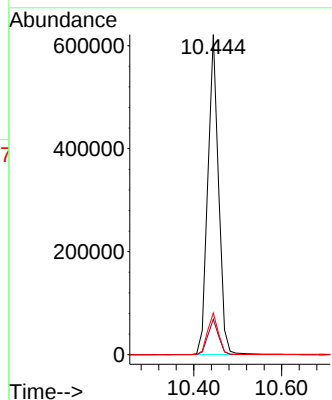
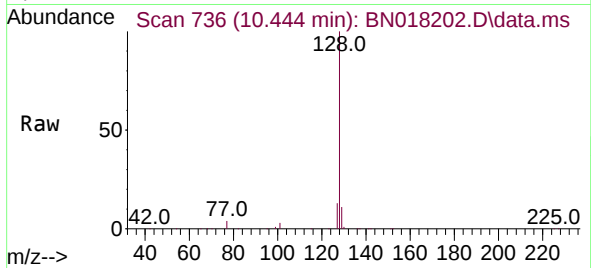




#9
Naphthalene
Concen: 3.448 ng
RT: 10.444 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

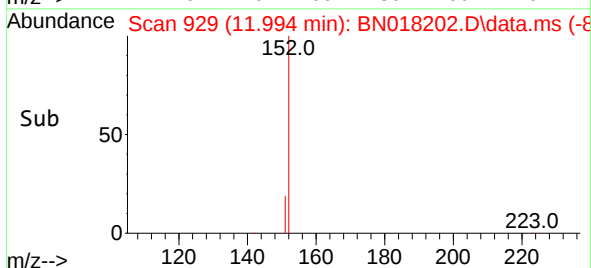
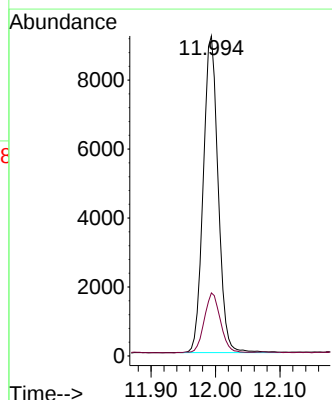
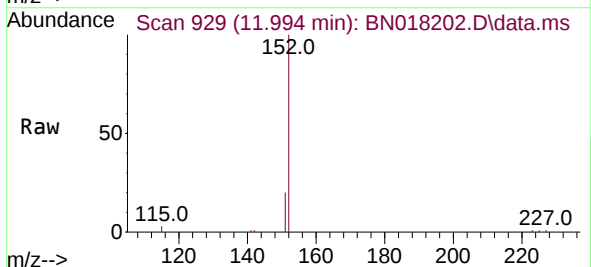
Instrument :
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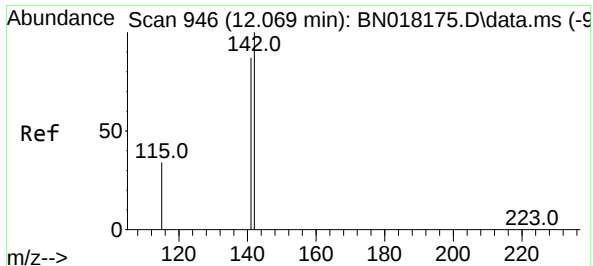
Tgt Ion:128 Resp: 1051901
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.069 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Tgt Ion:152 Resp: 14714
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2





#12

2-Methylnaphthalene

Concen: 1.642 ng

RT: 12.065 min Scan# 946

Delta R.T. -0.004 min

Lab File: BN018202.D

Acq: 24 Dec 2021 05:12

Instrument :

BNA_N

ClientSampleId :

SB-COMP

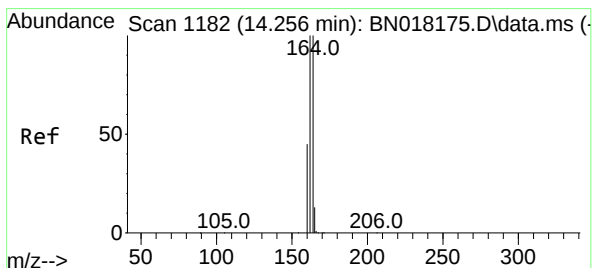
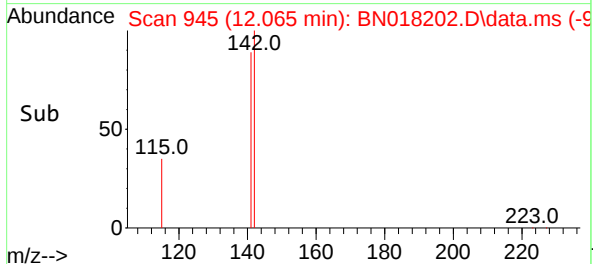
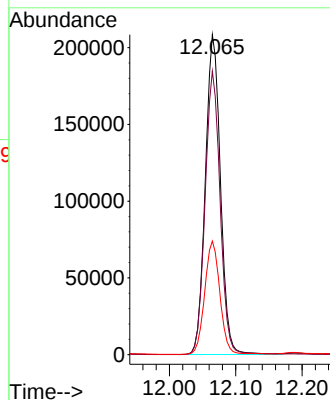
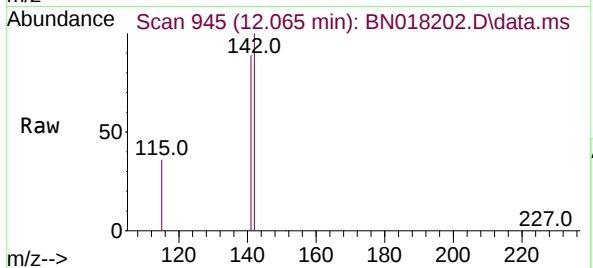
Tgt Ion:142 Resp: 330749

Ion Ratio Lower Upper

142 100

141 88.6 70.0 105.0

115 35.5 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: BN018202.D

Acq: 24 Dec 2021 05:12

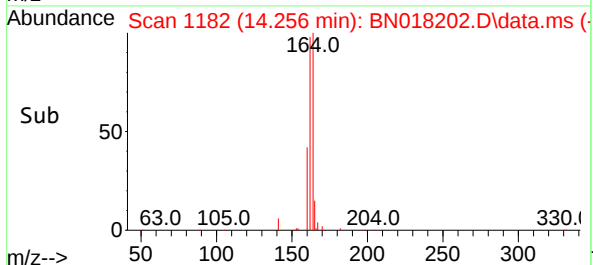
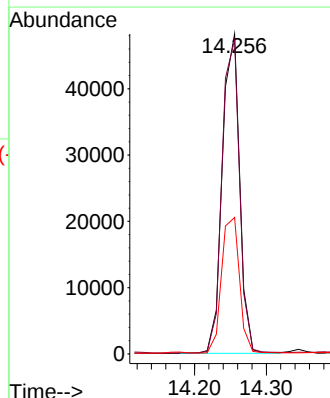
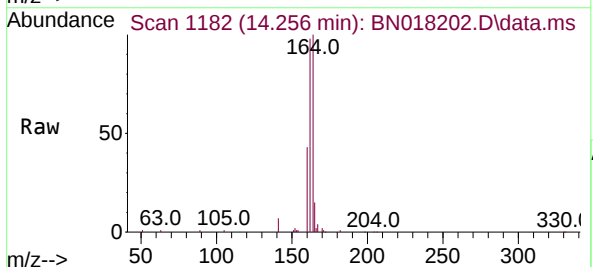
Tgt Ion:164 Resp: 80792

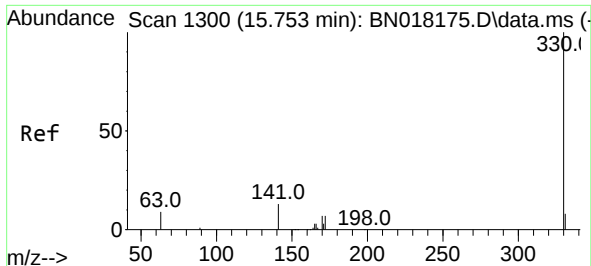
Ion Ratio Lower Upper

164 100

162 98.2 80.2 120.2

160 42.7 36.9 55.3

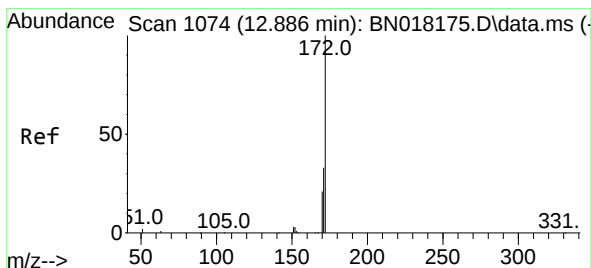
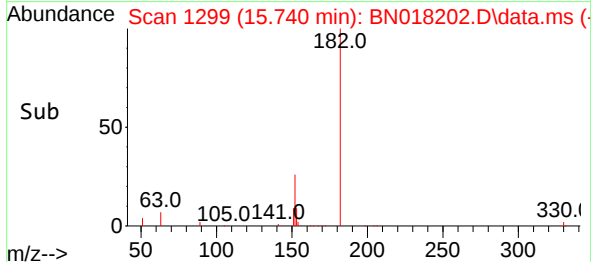
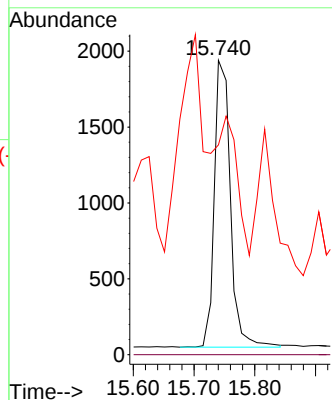
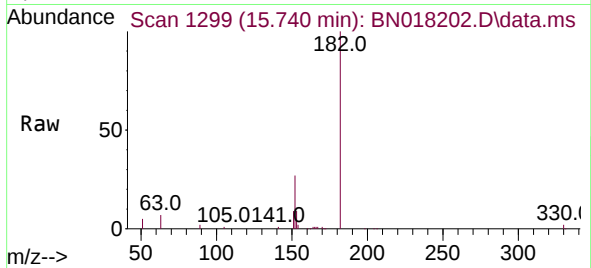




#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.740 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

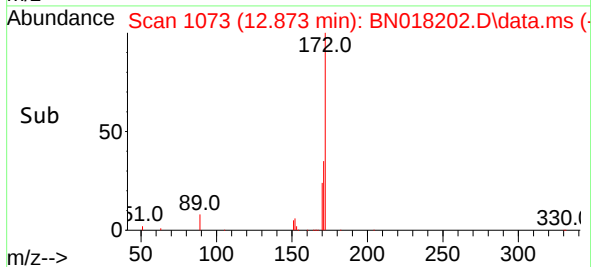
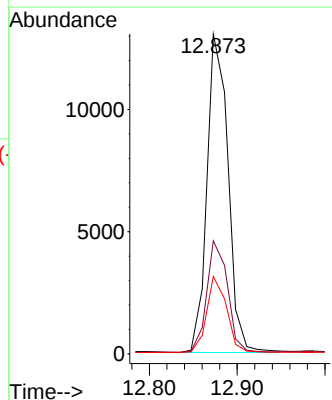
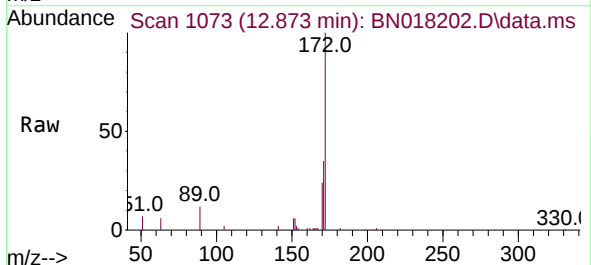
Instrument :
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ClientSampleId :
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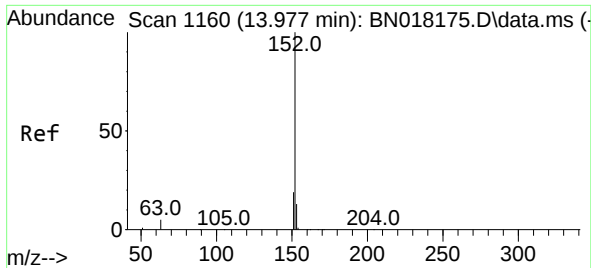
Tgt Ion: 330 Resp: 3467
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 21.3 31.9#



#15
2-Fluorobiphenyl
Concen: 0.072 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Tgt Ion: 172 Resp: 21789
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.0
170 24.2 18.4 27.6

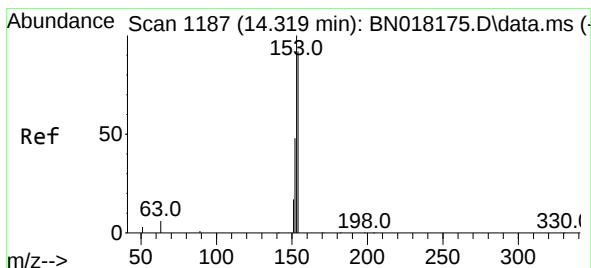
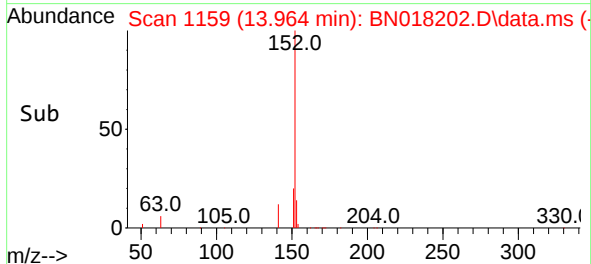
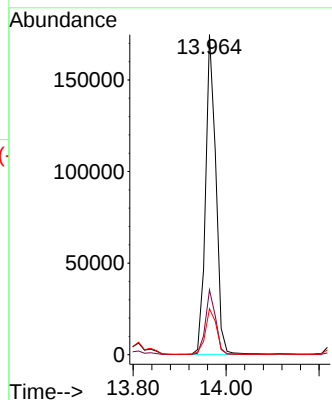
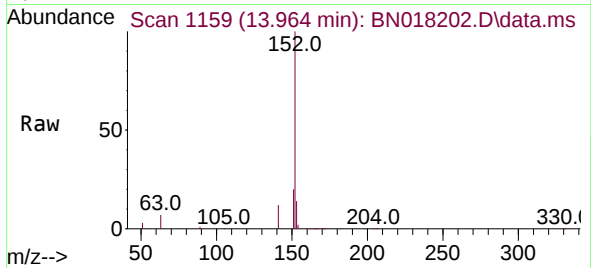




#16
Acenaphthylene
Concen: 0.899 ng
RT: 13.964 min Scan# 1159
Delta R.T. -0.013 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

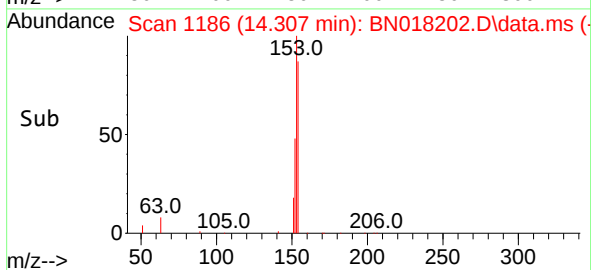
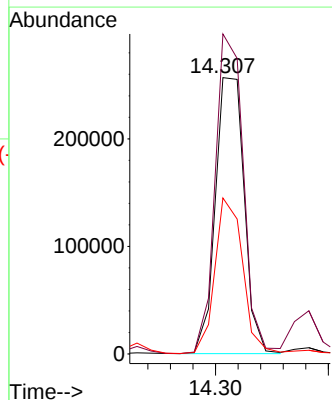
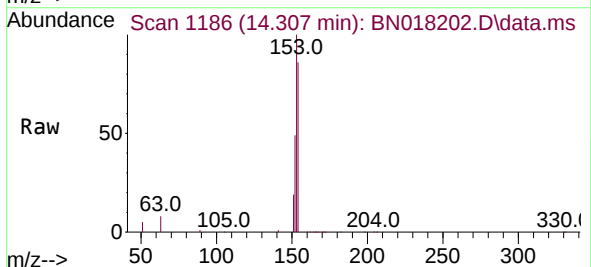
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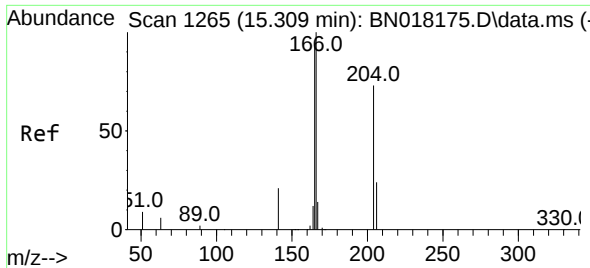
Tgt Ion:152 Resp: 269910
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 15.7 10.5 15.7



#17
Acenaphthene
Concen: 2.176 ng
RT: 14.307 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Tgt Ion:154 Resp: 455585
Ion Ratio Lower Upper
154 100
153 113.1 90.9 136.3
152 55.1 45.0 67.4

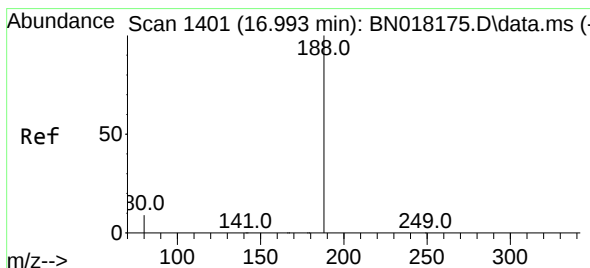
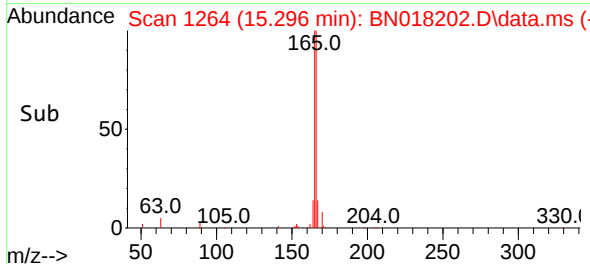
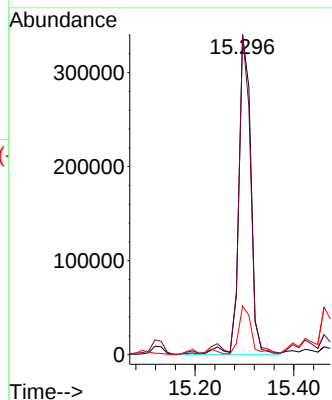
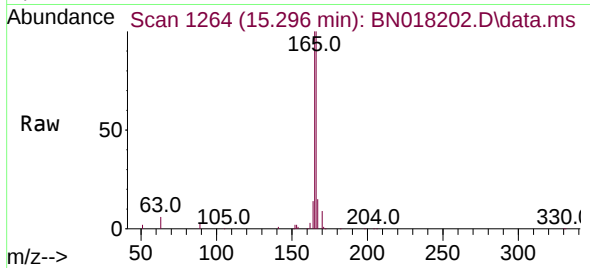




#18
Fluorene
Concen: 2.239 ng
RT: 15.296 min Scan# 1264
Delta R.T. -0.013 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

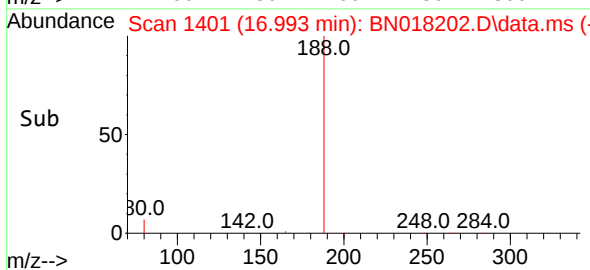
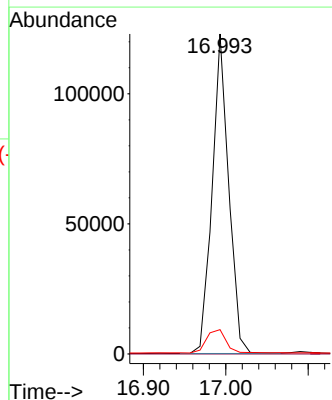
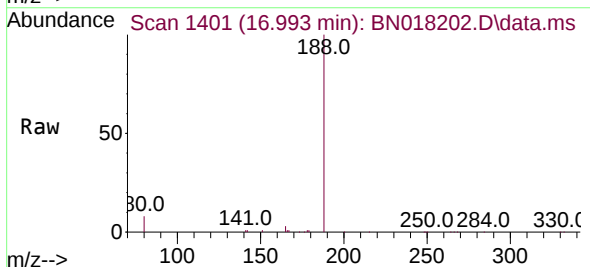
Instrument :
BNA_N
ClientSampleId :
SB-COMP

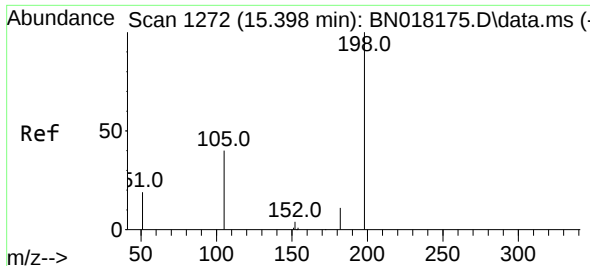
Tgt Ion:166 Resp: 576132
Ion Ratio Lower Upper
166 100
165 99.5 77.8 116.6
167 15.3 10.9 16.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Tgt Ion:188 Resp: 171269
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 7.0 10.4

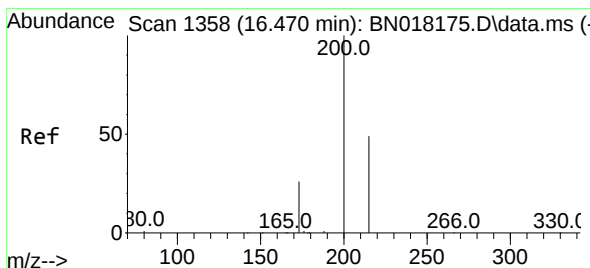
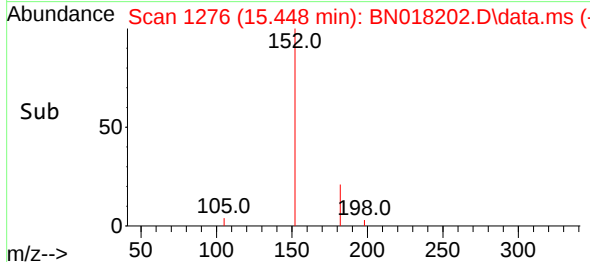
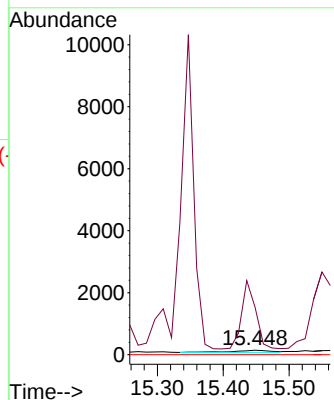
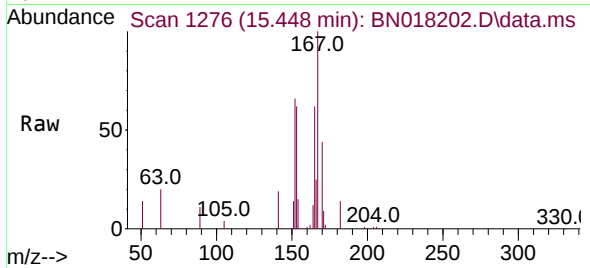




#20
4,6-Dinitro-2-methylphenol
Concen: 0.181 ng
RT: 15.448 min Scan# 1276
Delta R.T. 0.050 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

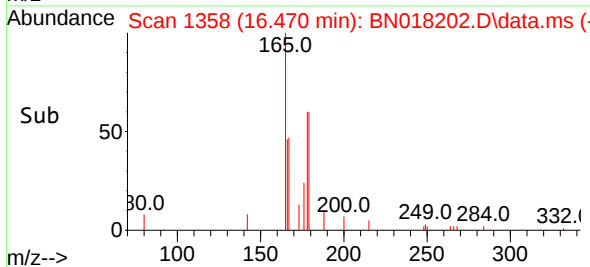
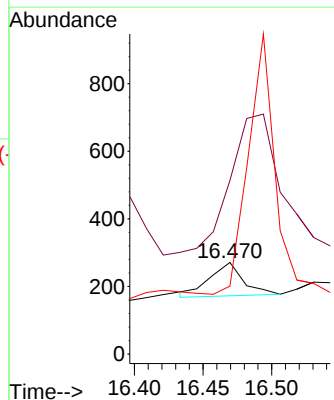
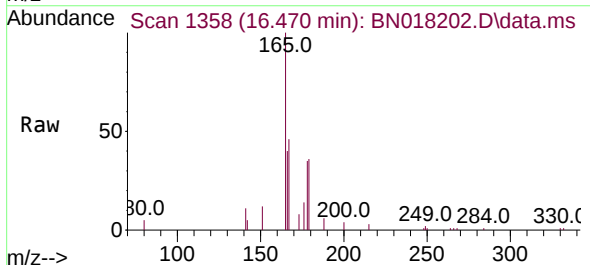
Instrument :
BNA_N
ClientSampleId :
SB-COMP

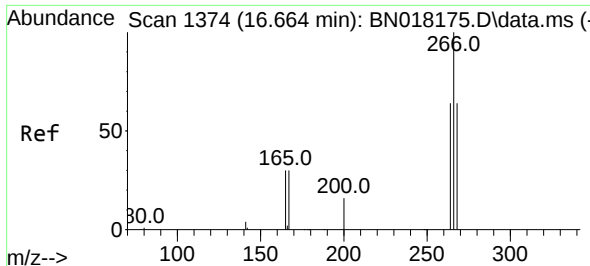
Tgt Ion:198 Resp: 279
Ion Ratio Lower Upper
198 100
182 1047.3 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.104 ng
RT: 16.470 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Tgt Ion:200 Resp: 170
Ion Ratio Lower Upper
200 100
173 189.7 20.3 30.5#
215 74.2 40.4 60.6#

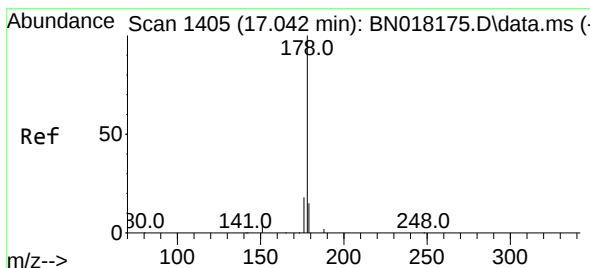
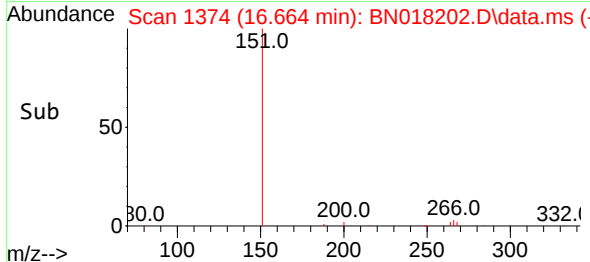
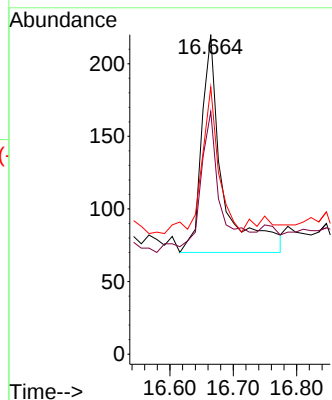
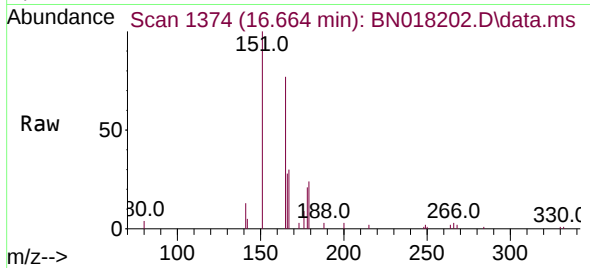




#24
Pentachlorophenol
Concen: 0.299 ng
RT: 16.664 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

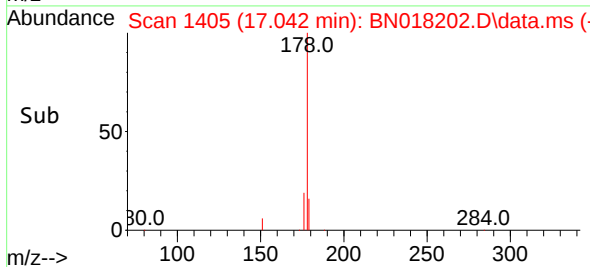
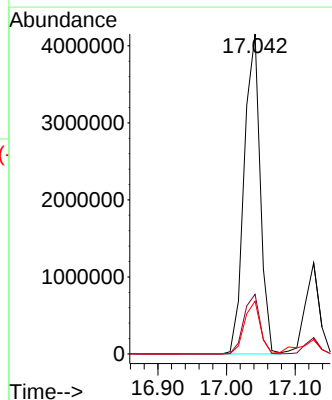
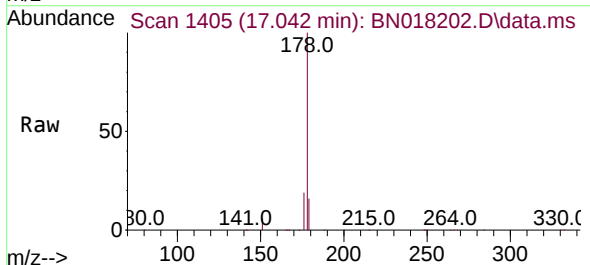
Instrument :
BNA_N
ClientSampleId :
SB-COMP

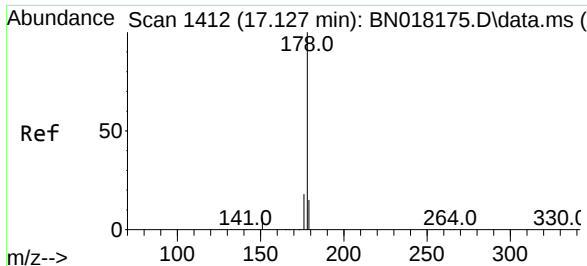
Tgt Ion:266 Resp: 344
Ion Ratio Lower Upper
266 100
264 49.1 49.5 74.3#
268 54.7 50.6 76.0



#25
Phenanthrene
Concen: 14.875 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

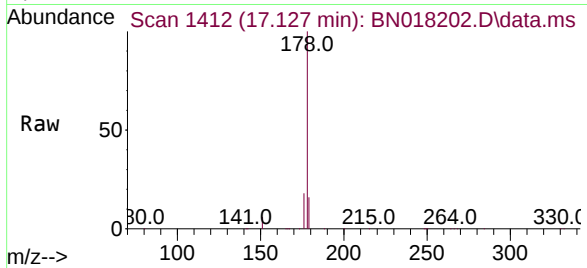
Tgt Ion:178 Resp: 6761647
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 16.5 12.3 18.5



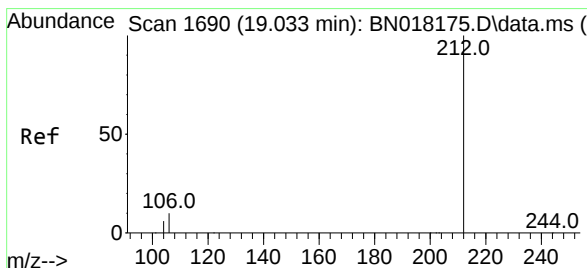
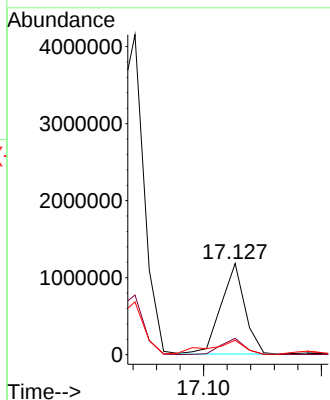
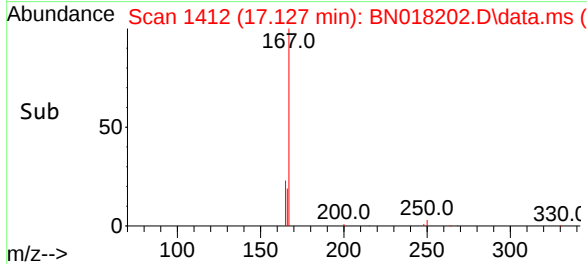


#26
 Anthracene
 Concen: 4.422 ng
 RT: 17.127 min Scan# 1412
 Delta R.T. -0.000 min
 Lab File: BN018202.D
 Acq: 24 Dec 2021 05:12

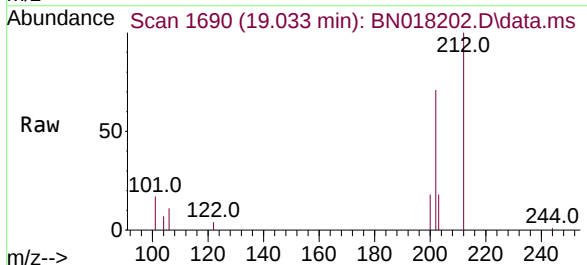
Instrument :
 BNA_N
 ClientSampleId :
 SB-COMP



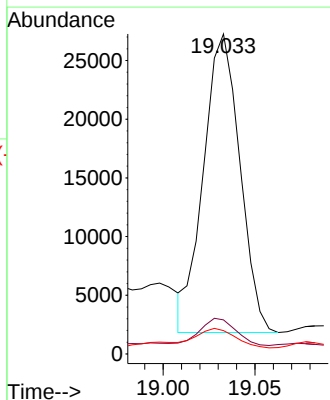
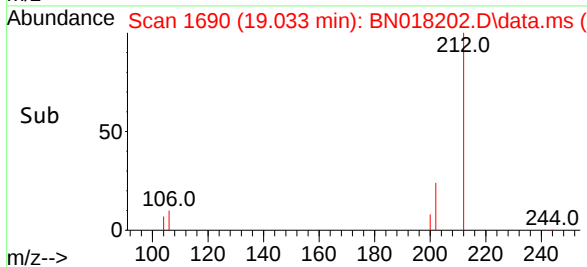
Tgt Ion:178 Resp: 1656145
 Ion Ratio Lower Upper
 178 100
 176 17.8 14.8 22.2
 179 21.6 12.2 18.4#

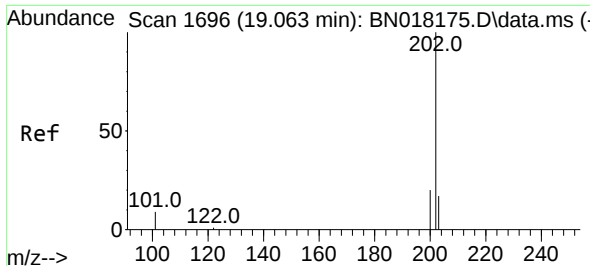


#27
 Fluoranthene-d10
 Concen: 0.065 ng
 RT: 19.033 min Scan# 1690
 Delta R.T. -0.000 min
 Lab File: BN018202.D
 Acq: 24 Dec 2021 05:12



Tgt Ion:212 Resp: 35064
 Ion Ratio Lower Upper
 212 100
 106 8.9 8.4 12.6
 104 9.3 4.5 6.7#

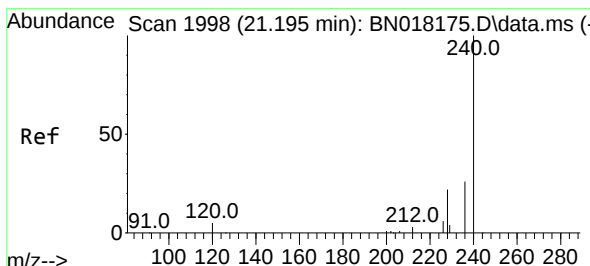
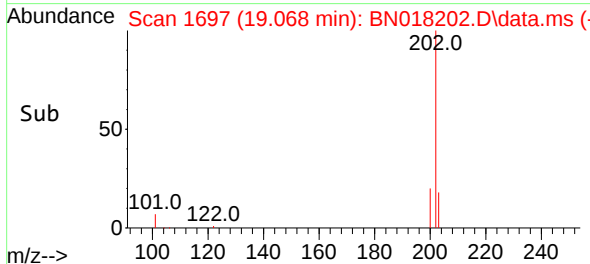
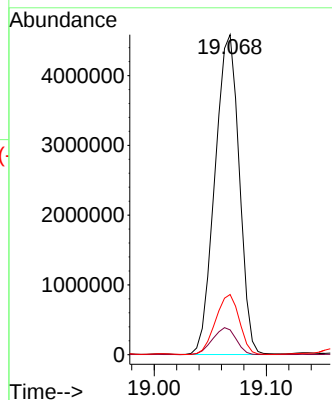
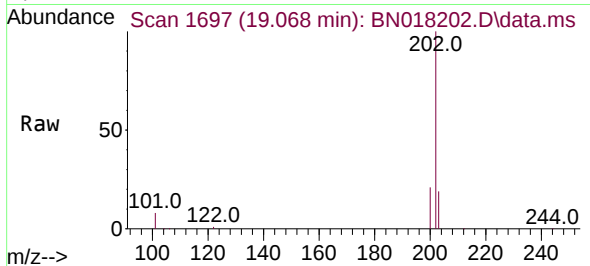




#28
Fluoranthene
Concen: 12.980 ng
RT: 19.068 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

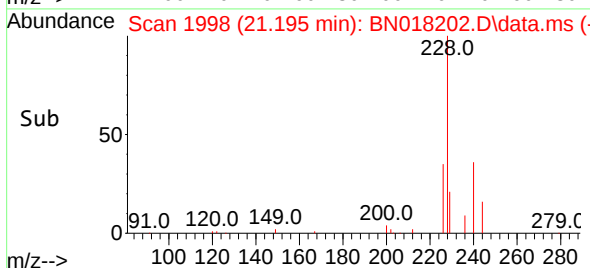
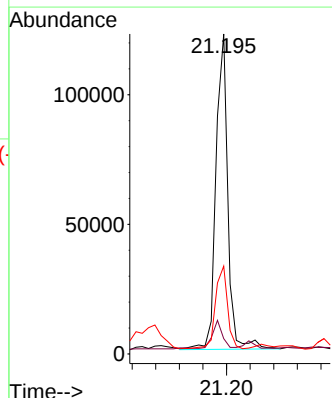
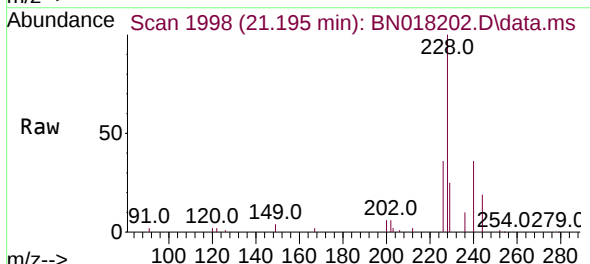
Instrument :
BNA_N
ClientSampleId :
SB-COMP

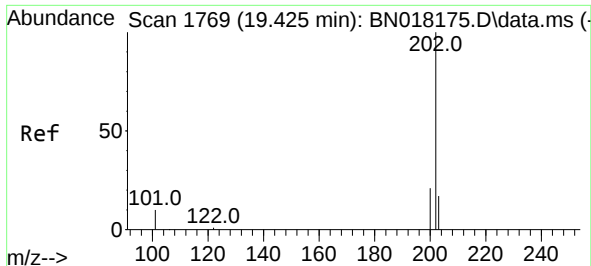
Tgt Ion:202 Resp: 6888633
Ion Ratio Lower Upper
202 100
101 8.2 7.2 10.8
203 18.4 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Tgt Ion:240 Resp: 169480
Ion Ratio Lower Upper
240 100
120 4.8 6.0 9.0#
236 27.4 21.4 32.2

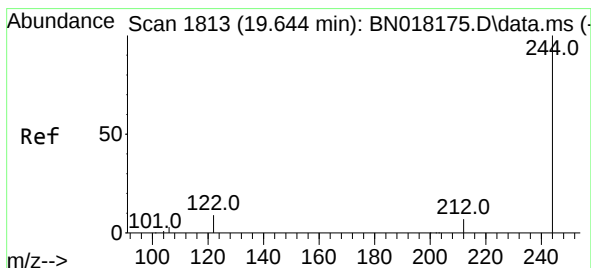
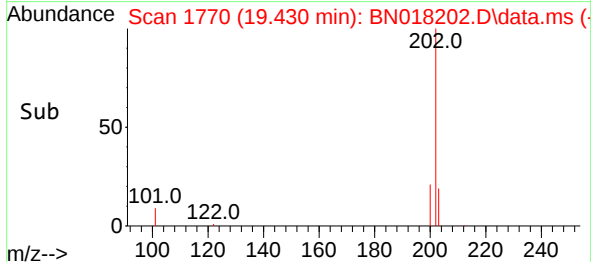
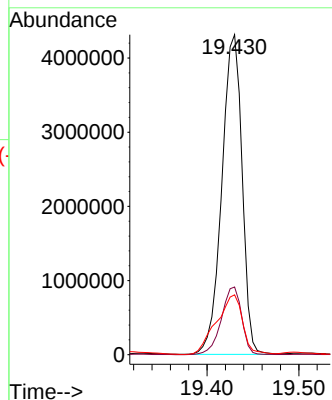
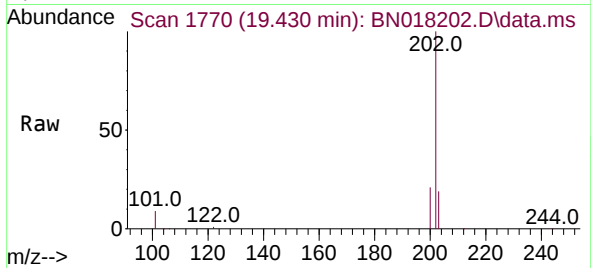




#30
 Pyrene
 Concen: 12.154 ng
 RT: 19.430 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: BN018202.D
 Acq: 24 Dec 2021 05:12

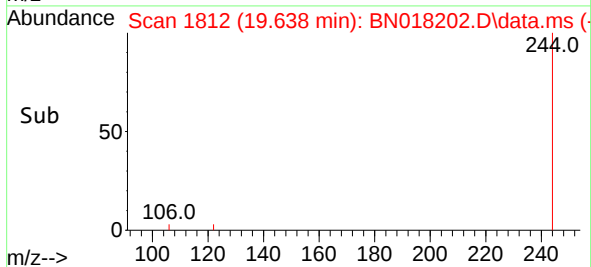
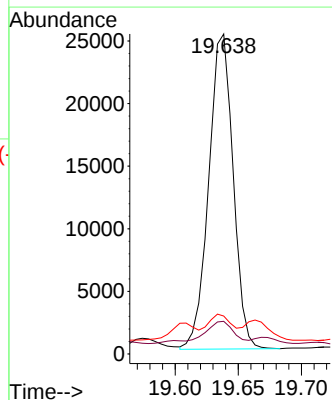
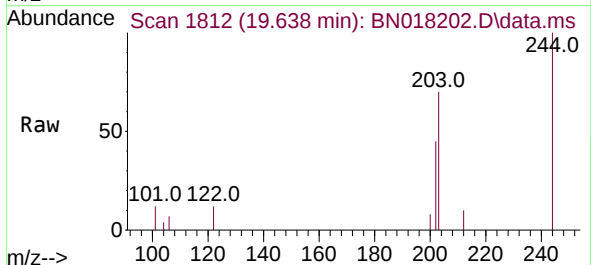
Instrument :
 BNA_N
 ClientSampleId :
 SB-COMP

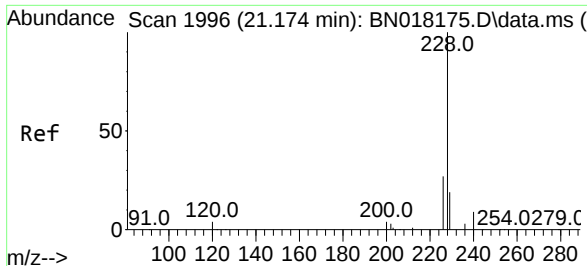
Tgt Ion:202 Resp: 6610732
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.6 25.0
 203 24.1 14.1 21.1#



#31
 Terphenyl-d14
 Concen: 0.091 ng
 RT: 19.638 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BN018202.D
 Acq: 24 Dec 2021 05:12

Tgt Ion:244 Resp: 33893
 Ion Ratio Lower Upper
 244 100
 212 10.2 6.2 9.2#
 122 11.9 7.9 11.9

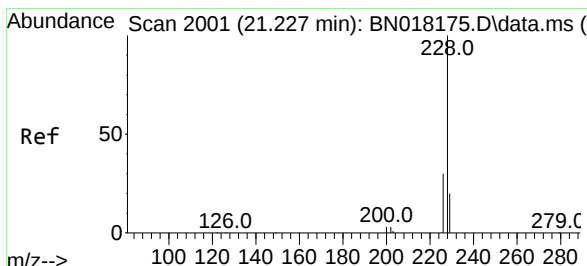
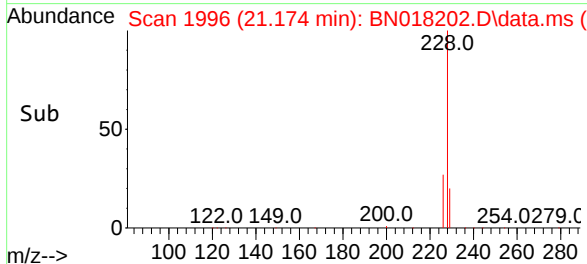
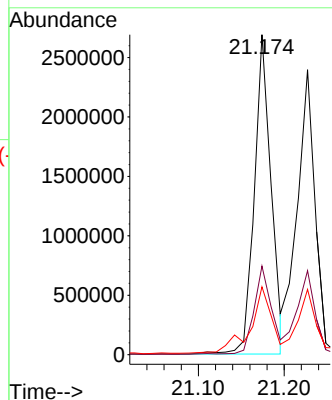
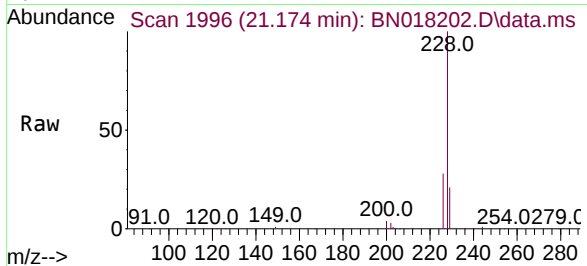




#32
Benzo(a)anthracene
Concen: 7.422 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

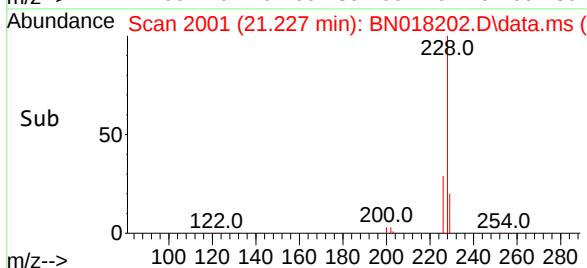
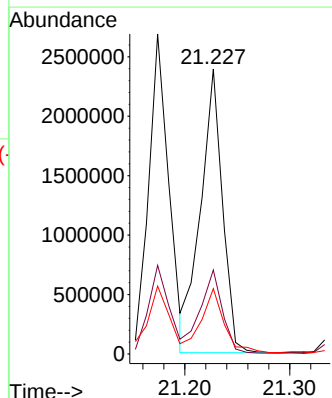
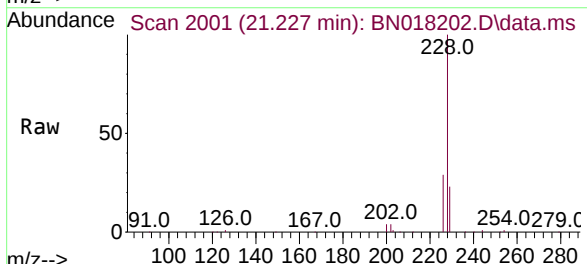
Instrument :
BNA_N
ClientSampleId :
SB-COMP

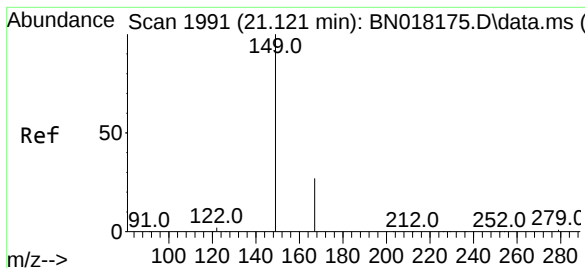
Tgt Ion:228 Resp: 3654137
Ion Ratio Lower Upper
228 100
226 27.7 21.3 31.9
229 21.2 15.9 23.9



#33
Chrysene
Concen: 6.423 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Tgt Ion:228 Resp: 3450041
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.4
229 22.9 15.5 23.3

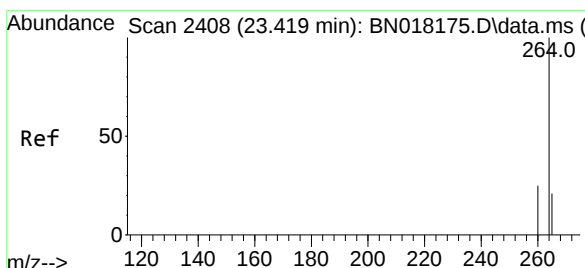
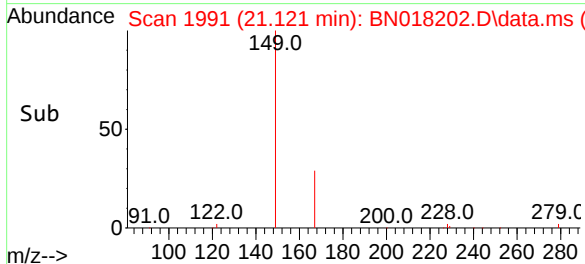
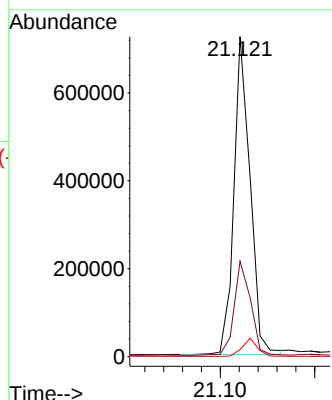
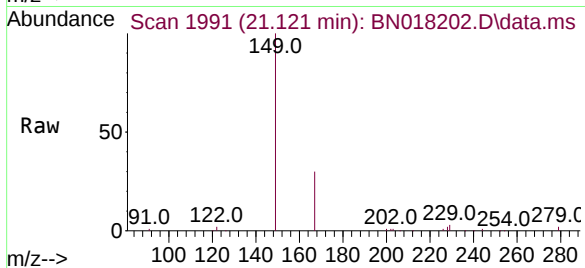




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 3.396 ng
 RT: 21.121 min Scan# 1991
 Delta R.T. -0.000 min
 Lab File: BN018202.D
 Acq: 24 Dec 2021 05:12

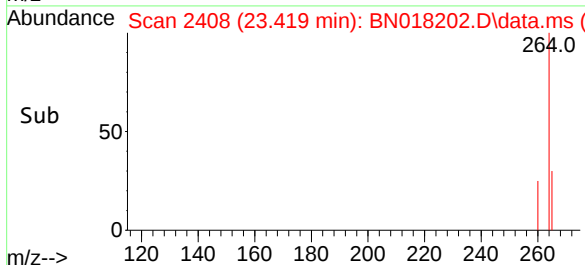
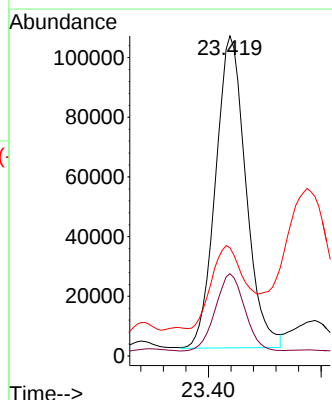
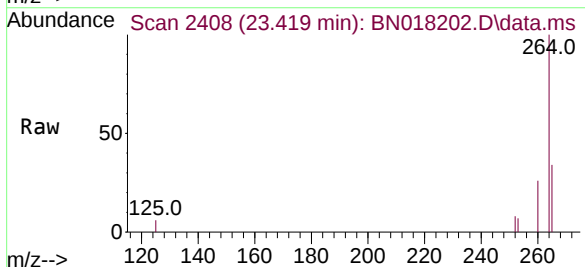
Instrument :
 BNA_N
 ClientSampleId :
 SB-COMP

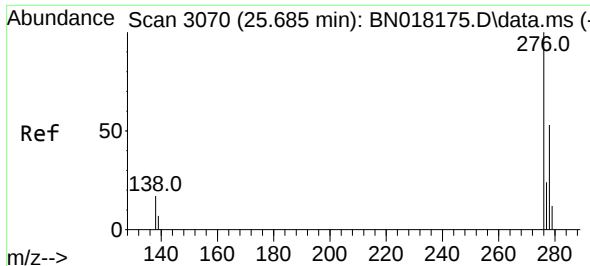
Tgt Ion:149 Resp: 861567
 Ion Ratio Lower Upper
 149 100
 167 30.3 23.7 35.5
 279 5.4 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.419 min Scan# 2408
 Delta R.T. 0.000 min
 Lab File: BN018202.D
 Acq: 24 Dec 2021 05:12

Tgt Ion:264 Resp: 195069
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.4
 265 33.8 18.2 27.2#

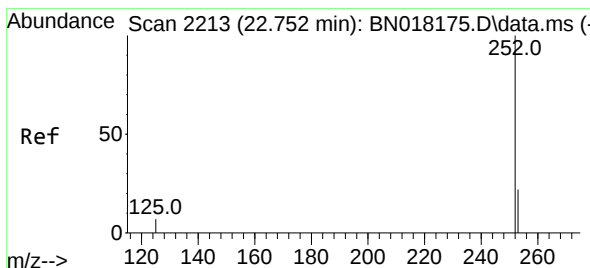
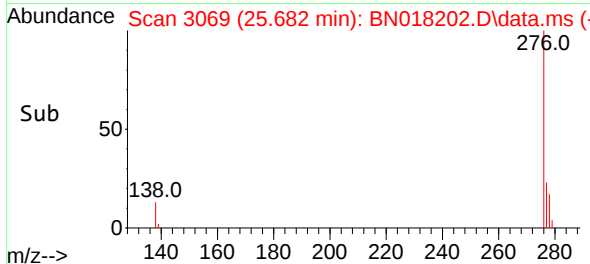
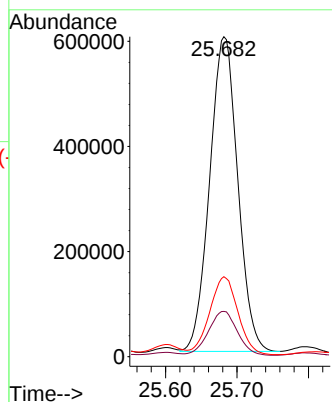
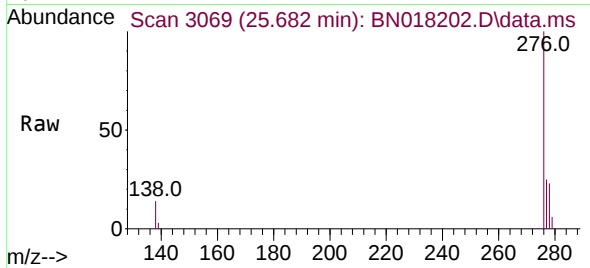




#36
Indeno(1,2,3-cd)pyrene
Concen: 2.900 ng
RT: 25.682 min Scan# 3070
Delta R.T. -0.003 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

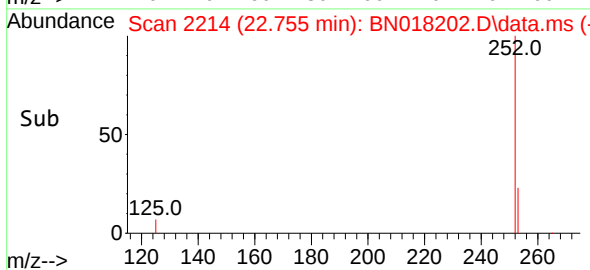
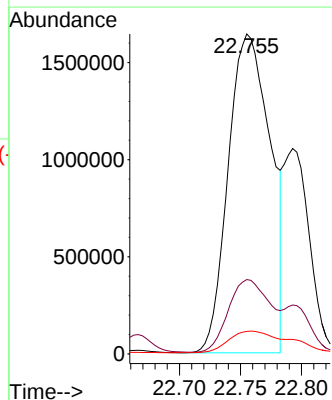
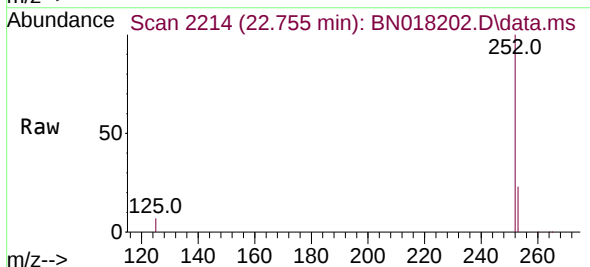
Instrument :
BNA_N
ClientSampleId :
SB-COMP

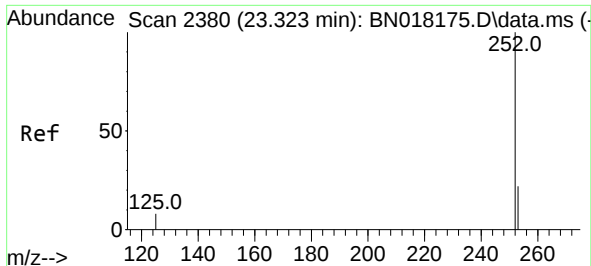
Tgt Ion:276 Resp: 1637344
Ion Ratio Lower Upper
276 100
138 14.3 14.9 22.3#
277 24.9 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 6.537 ng
RT: 22.755 min Scan# 2214
Delta R.T. 0.003 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Tgt Ion:252 Resp: 3943972
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 7.1 6.0 9.0





#39

Benzo(a)pyrene

Concen: 5.753 ng

RT: 23.323 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN018202.D

Acq: 24 Dec 2021 05:12

Instrument :

BNA_N

ClientSampleId :

SB-COMP

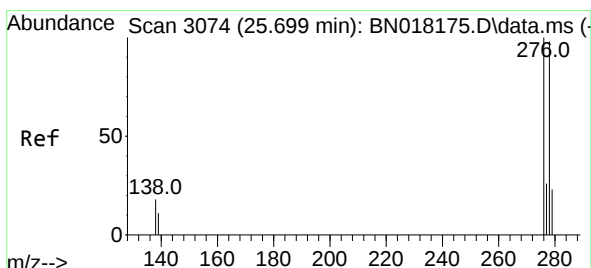
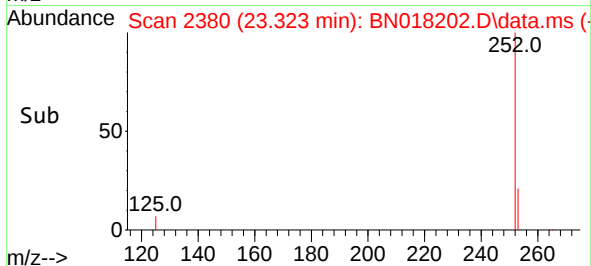
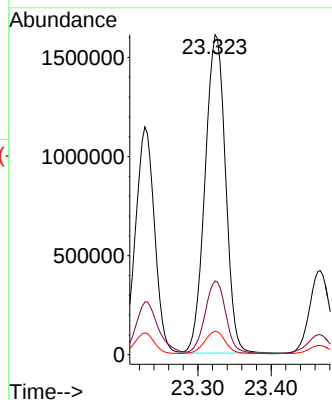
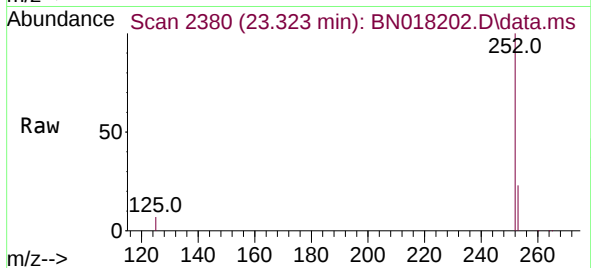
Tgt Ion:252 Resp: 3119933

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 7.3 7.0 10.4



#40

Dibenzo(a,h)anthracene

Concen: 0.928 ng

RT: 25.689 min Scan# 3071

Delta R.T. -0.011 min

Lab File: BN018202.D

Acq: 24 Dec 2021 05:12

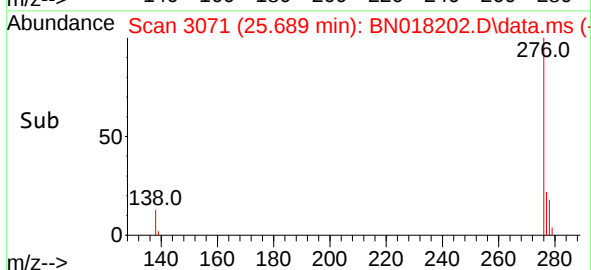
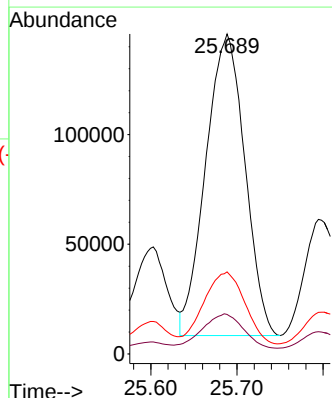
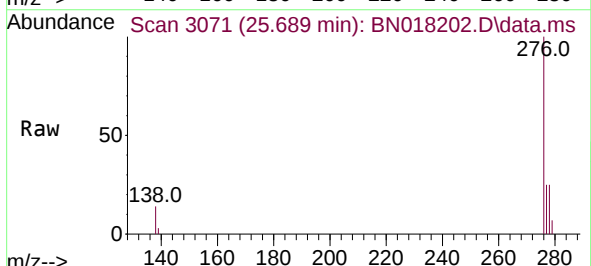
Tgt Ion:278 Resp: 433543

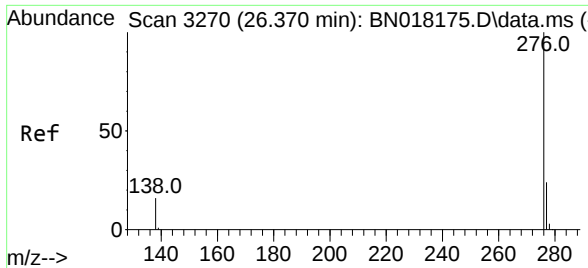
Ion Ratio Lower Upper

278 100

139 12.4 10.8 16.2

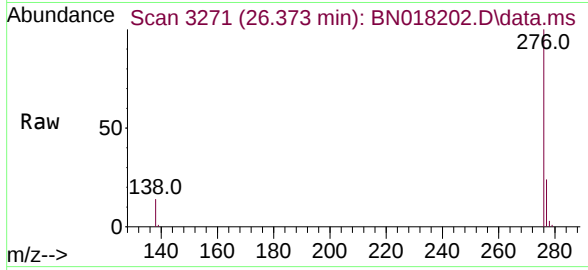
279 25.7 19.0 28.4





#41
Benzo(g,h,i)perylene
Concen: 2.947 ng
RT: 26.373 min Scan# 31
Delta R.T. 0.003 min
Lab File: BN018202.D
Acq: 24 Dec 2021 05:12

Instrument :
BNA_N
ClientSampleId :
SB-COMP



Tgt Ion:276 Resp: 1532835
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 14.4 12.6 19.0

