

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012522\
 Data File : BN018470.D
 Acq On : 25 Jan 2022 21:36
 Operator : CG/JU
 Sample : N1245-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-2(2.5-3)

Quant Time: Jan 26 04:08:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 18:25:49 2022
 Response via : Initial Calibration

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

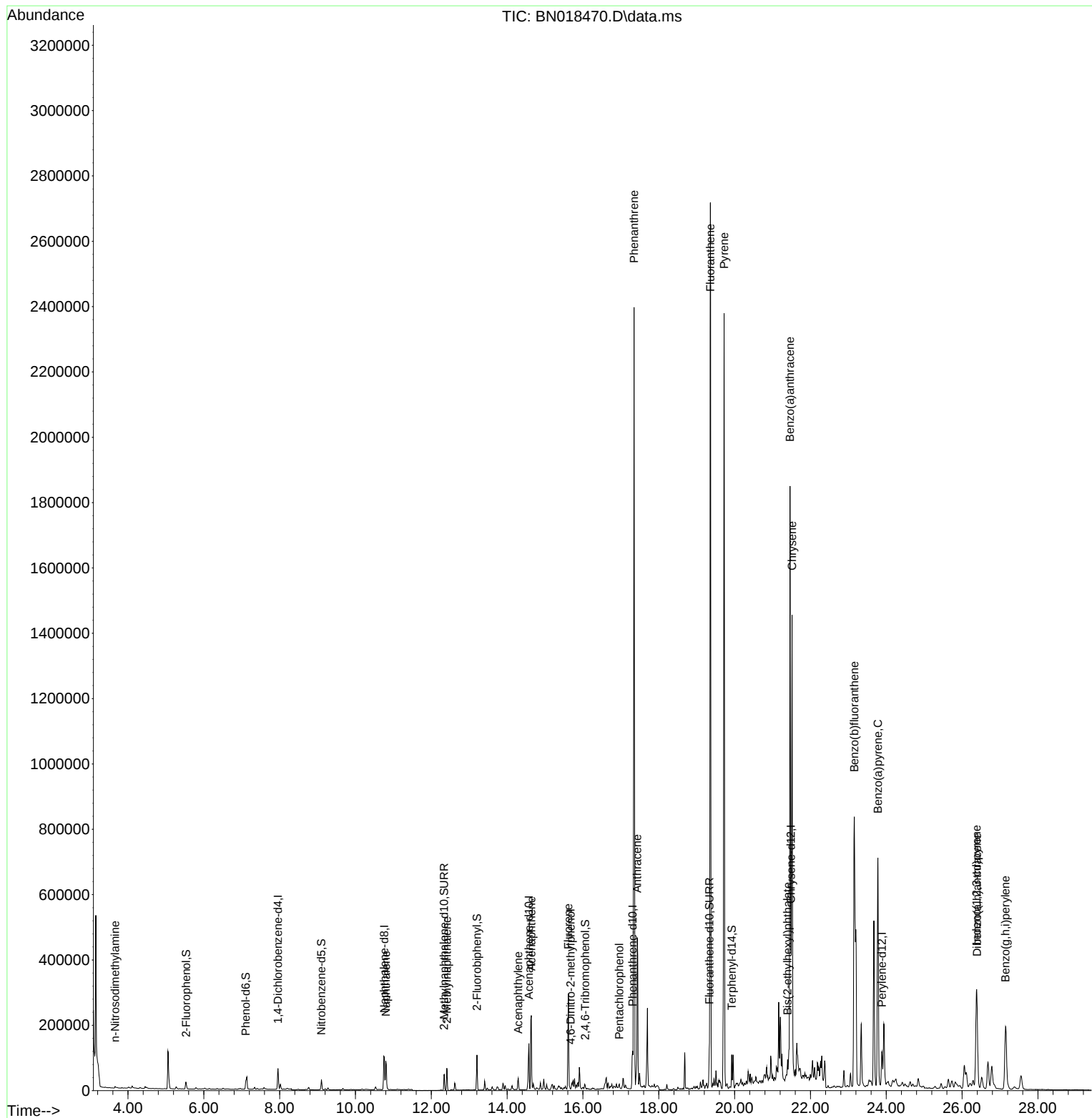
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	33756	0.400	ng	0.00
7) Naphthalene-d8	10.761	136	152462	0.400	ng	# 0.00
13) Acenaphthene-d10	14.573	164	84793	0.400	ng	0.00
19) Phenanthrene-d10	17.309	188	165452	0.400	ng	# 0.00
29) Chrysene-d12	21.482	240	146134	0.400	ng	-0.01
35) Perylene-d12	23.885	264	144893	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.531	112	22623	0.270	ng	0.02
5) Phenol-d6	7.107	99	25300	0.278	ng	0.00
8) Nitrobenzene-d5	9.101	82	24566	0.279	ng	-0.01
11) 2-Methylnaphthalene-d10	12.340	152	64533	0.252	ng	0.00
14) 2,4,6-Tribromophenol	16.056	330	6918	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.203	172	89221	0.293	ng	-0.01
27) Fluoranthene-d10	19.331	212	125440	0.251	ng	-0.01
31) Terphenyl-d14	19.926	244	97866	0.215	ng	-0.01
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.659	42	1848	0.066	ng	# 1
9) Naphthalene	10.799	128	120272	0.324	ng	100
12) 2-Methylnaphthalene	12.411	142	50243	0.194	ng	99
16) Acenaphthylene	14.294	152	34874	0.111	ng	# 96
17) Acenaphthene	14.636	154	131724	0.588	ng	99
18) Fluorene	15.613	166	172385	0.640	ng	98
20) 4,6-Dinitro-2-methylph...	15.677	198	134	0.093	ng	# 1
24) Pentachlorophenol	16.956	266	577	0.201	ng	87
25) Phenanthrene	17.346	178	2356324	5.365	ng	99
26) Anthracene	17.431	178	518880	1.397	ng	# 91
28) Fluoranthene	19.360	202	2513809	5.239	ng	# 97
30) Pyrene	19.723	202	2125370	3.408	ng	# 94
32) Benzo(a)anthracene	21.461	228	1469045	3.174	ng	98
33) Chrysene	21.514	228	1240905	2.711	ng	96
34) Bis(2-ethylhexyl)phtha...	21.397	149	43057	0.118	ng	95
36) Indeno(1,2,3-cd)pyrene	26.383	276	525132	2.039	ng	97
37) Benzo(b)fluoranthene	23.156	252	1544795	2.960	ng	# 96
39) Benzo(a)pyrene	23.778	252	1055479	2.763	ng	# 97
40) Dibenzo(a,h)anthracene	26.394	278	154704	0.818	ng	# 91
41) Benzo(g,h,i)perylene	27.147	276	445066	1.698	ng	# 94

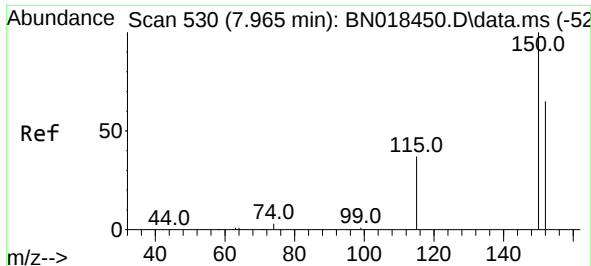
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-2(2.5-3)

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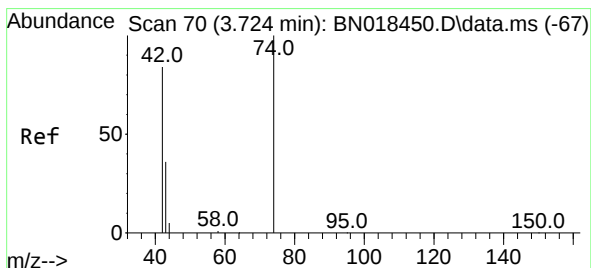
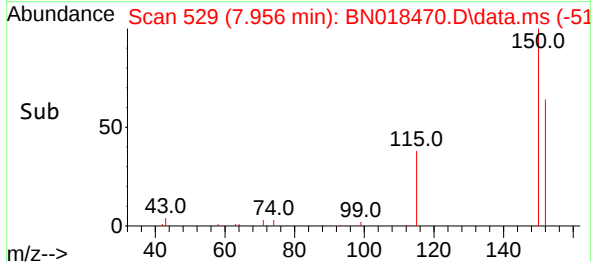
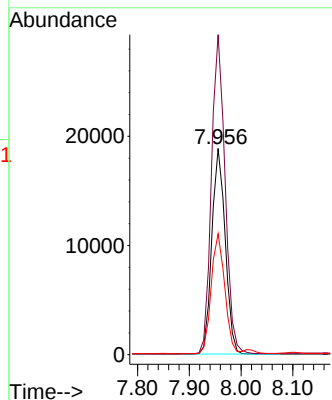
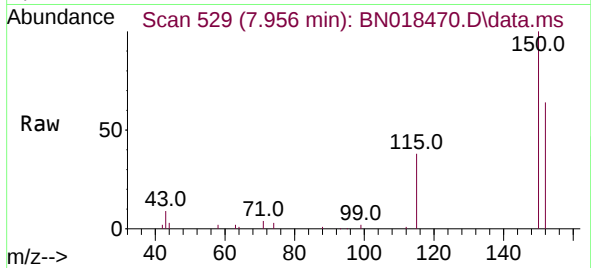




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.956 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

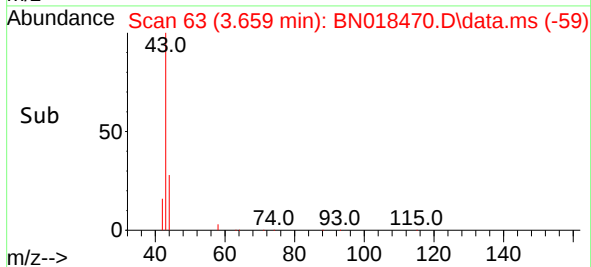
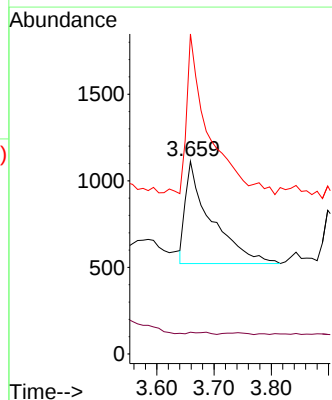
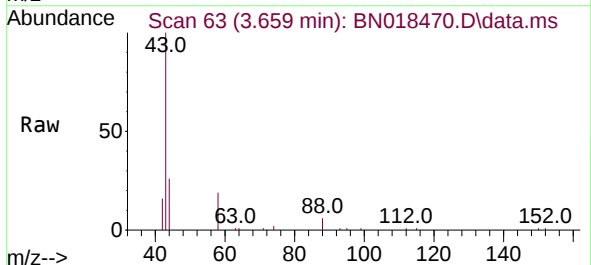
Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

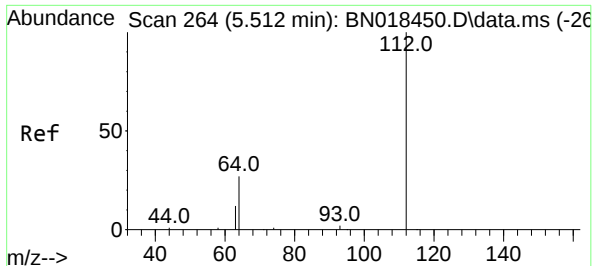
Tgt Ion:152 Resp: 33756
Ion Ratio Lower Upper
152 100
150 155.2 121.7 182.5
115 58.6 43.8 65.8



#3
n-Nitrosodimethylamine
Concen: 0.066 ng
RT: 3.659 min Scan# 63
Delta R.T. -0.065 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion: 42 Resp: 1848
Ion Ratio Lower Upper
42 100
74 1.5 108.6 163.0#
44 131.8 5.8 8.8#

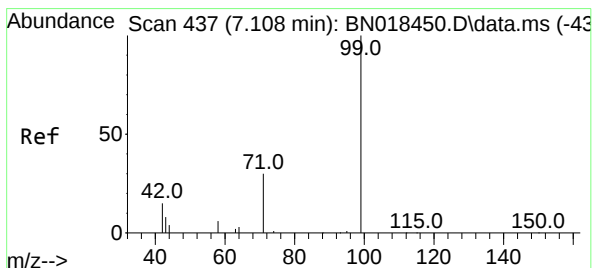
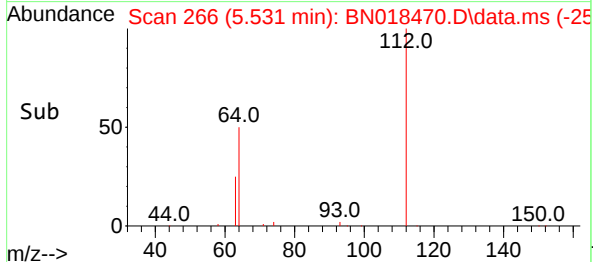
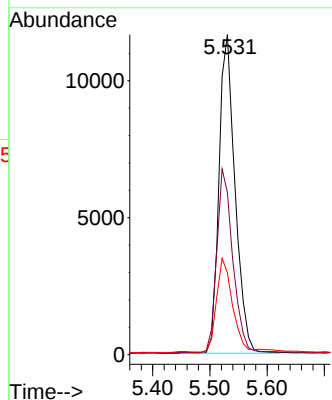
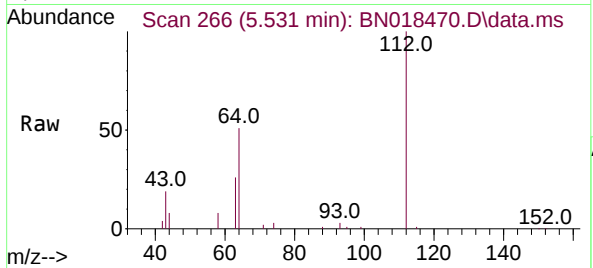




#4
2-Fluorophenol
Concen: 0.270 ng
RT: 5.531 min Scan# 2
Delta R.T. 0.018 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

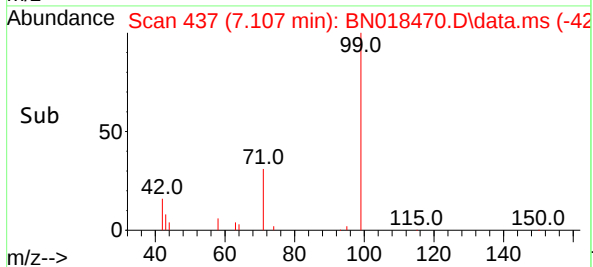
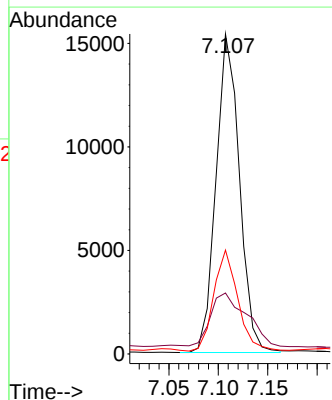
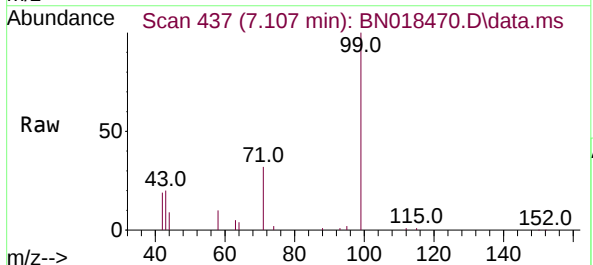
Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

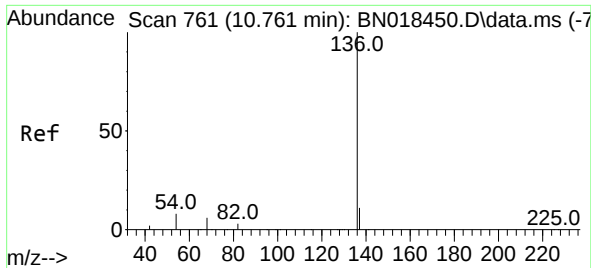
Tgt Ion:112 Resp: 22623
Ion Ratio Lower Upper
112 100
64 57.5 48.0 72.0
63 29.1 25.3 37.9



#5
Phenol-d6
Concen: 0.278 ng
RT: 7.107 min Scan# 437
Delta R.T. -0.000 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion: 99 Resp: 25300
Ion Ratio Lower Upper
99 100
42 26.0 16.3 24.5#
71 32.6 26.8 40.2

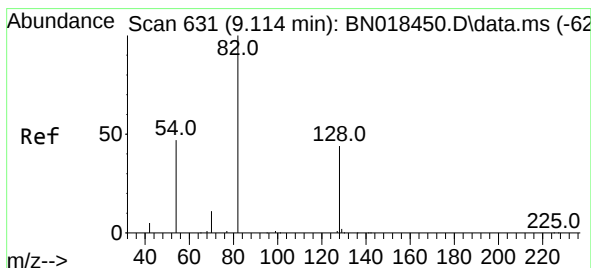
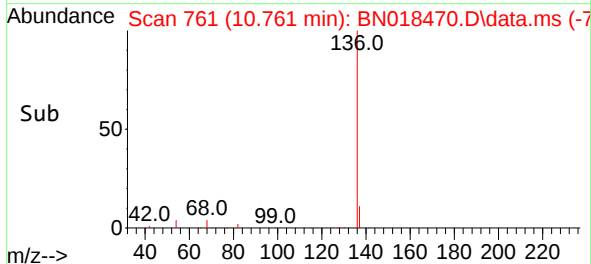
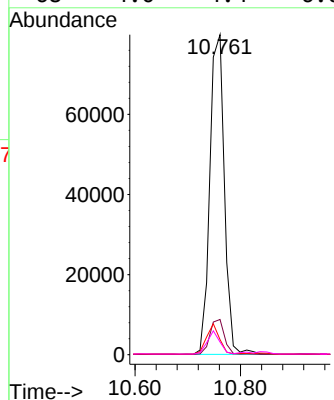
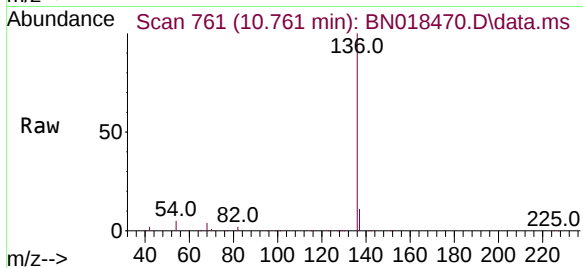




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.761 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

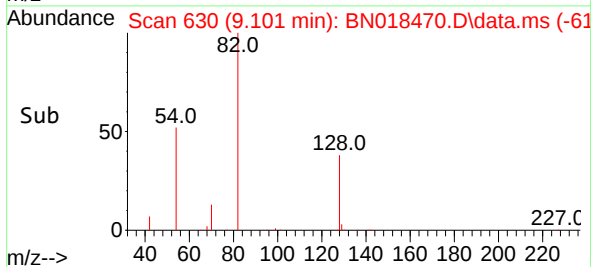
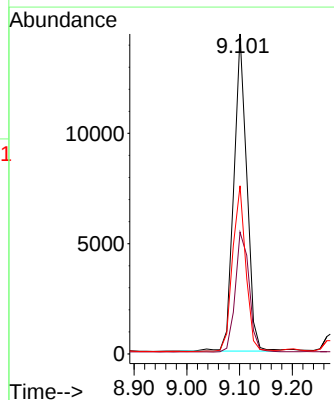
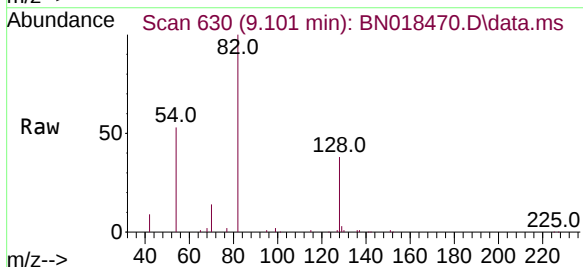
Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

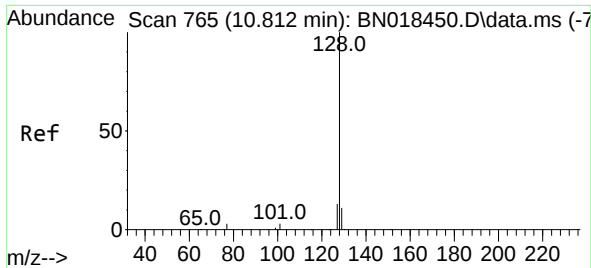
Tgt Ion:136 Resp: 152462
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 4.7 5.0 7.6#
68 4.0 4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.101 min Scan# 630
Delta R.T. -0.013 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion: 82 Resp: 24566
Ion Ratio Lower Upper
82 100
128 38.0 33.7 50.5
54 52.6 36.6 55.0

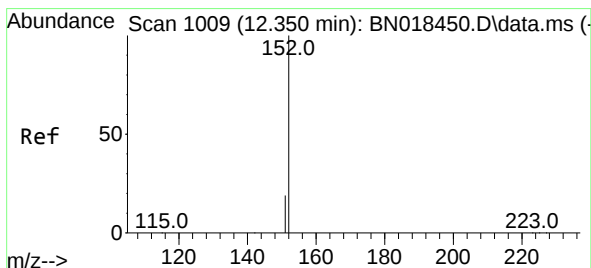
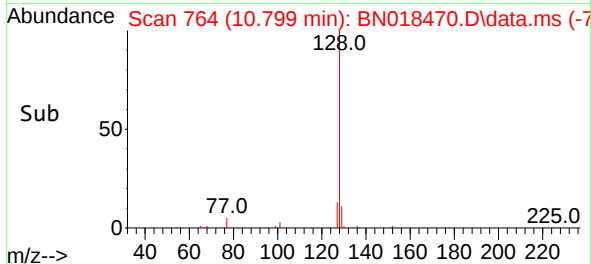
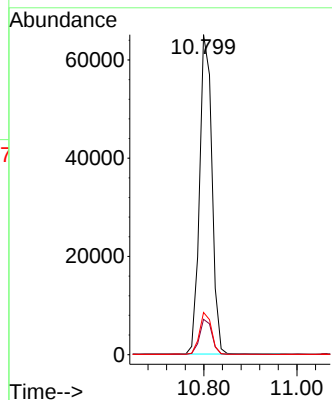
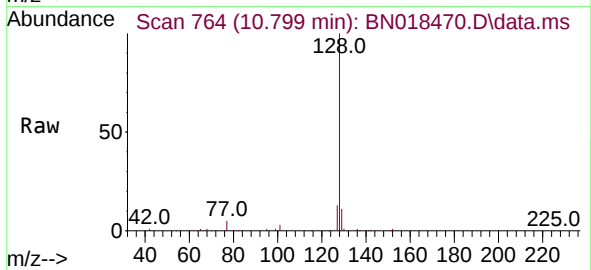




#9
Naphthalene
Concen: 0.324 ng
RT: 10.799 min Scan# 70
Delta R.T. -0.013 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

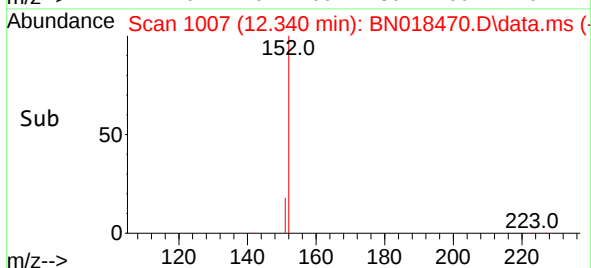
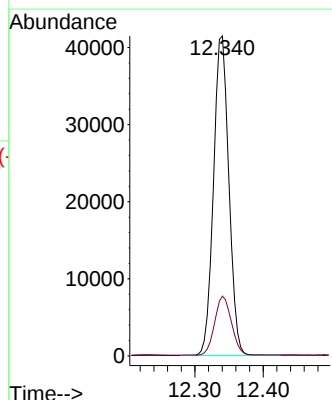
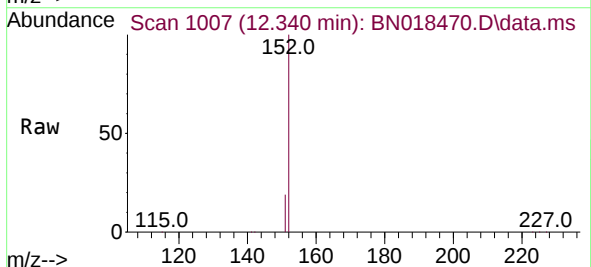
Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

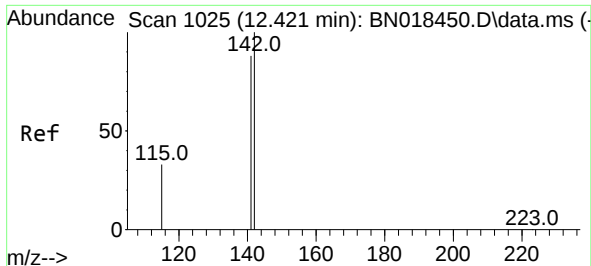
Tgt Ion:128 Resp: 120272
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.252 ng
RT: 12.340 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion:152 Resp: 64533
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2

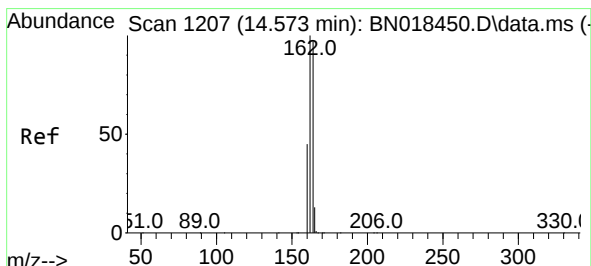
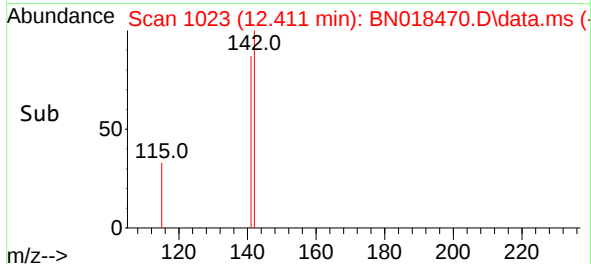
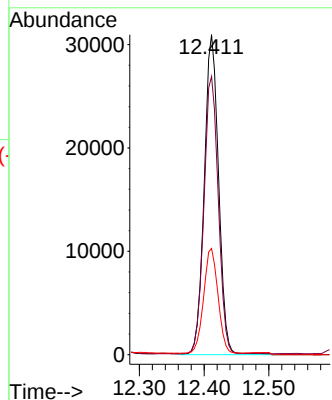
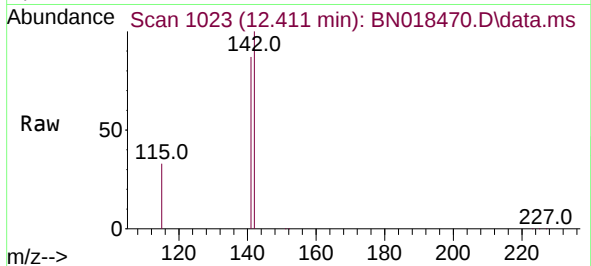




#12
2-Methylnaphthalene
Concen: 0.194 ng
RT: 12.411 min Scan# 1023
Delta R.T. -0.009 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

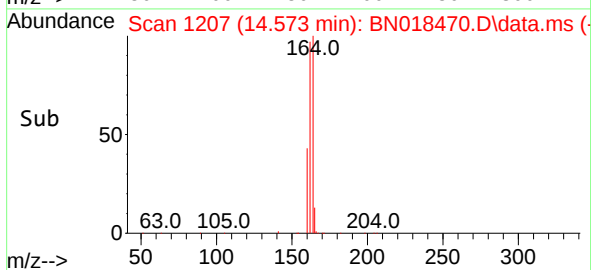
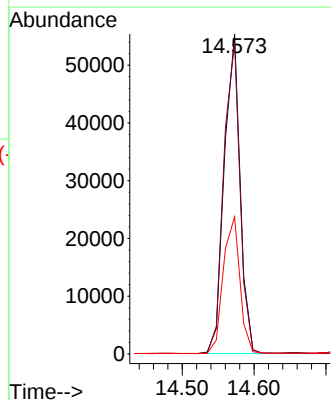
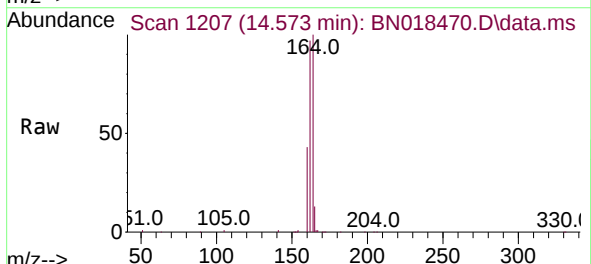
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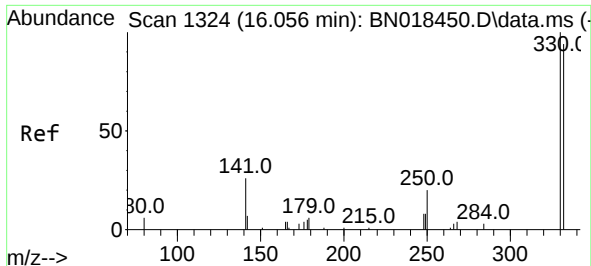
Tgt Ion:142 Resp: 50243
Ion Ratio Lower Upper
142 100
141 87.0 70.0 105.0
115 33.2 27.8 41.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.573 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion:164 Resp: 84793
Ion Ratio Lower Upper
164 100
162 97.3 80.2 120.2
160 42.8 36.9 55.3

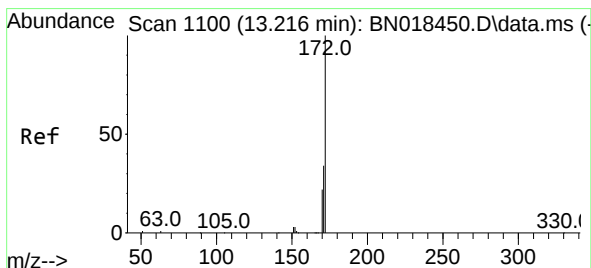
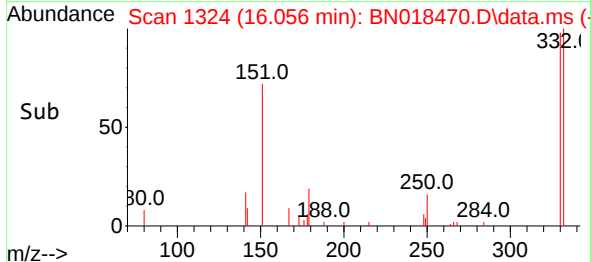
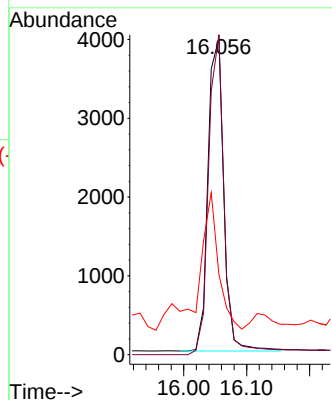
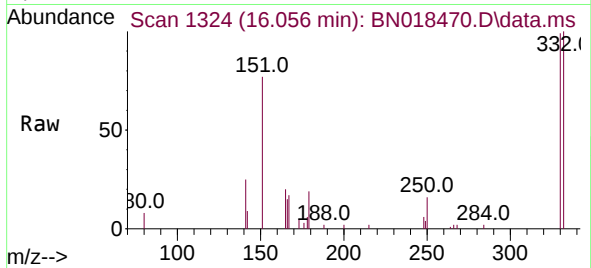




#14
 2,4,6-Tribromophenol
 Concen: 0.271 ng
 RT: 16.056 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BN018470.D
 Acq: 25 Jan 2022 21:36

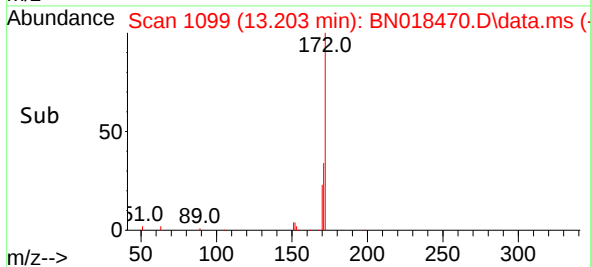
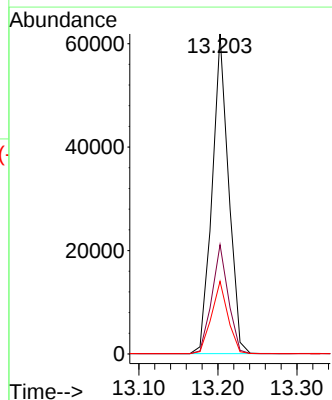
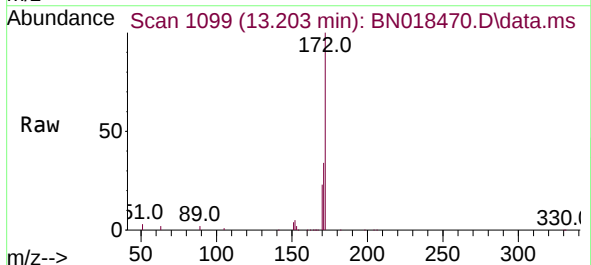
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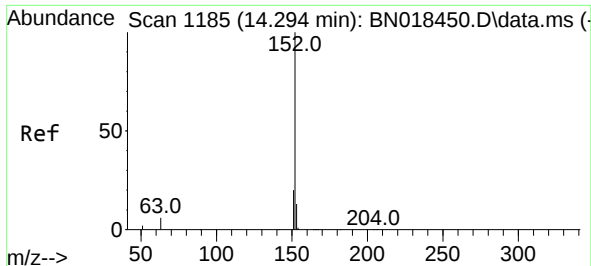
Tgt Ion:330 Resp: 6918
 Ion Ratio Lower Upper
 330 100
 332 102.7 0.0 0.0#
 141 46.6 21.3 31.9#



#15
 2-Fluorobiphenyl
 Concen: 0.293 ng
 RT: 13.203 min Scan# 1099
 Delta R.T. -0.013 min
 Lab File: BN018470.D
 Acq: 25 Jan 2022 21:36

Tgt Ion:172 Resp: 89221
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.4 41.0
 170 22.7 18.4 27.6

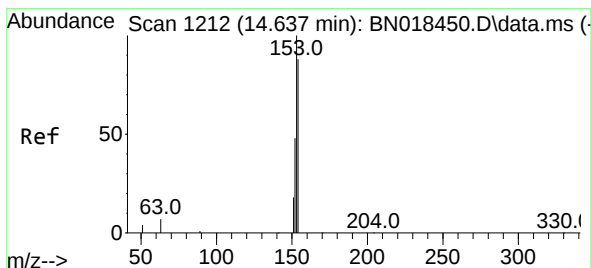
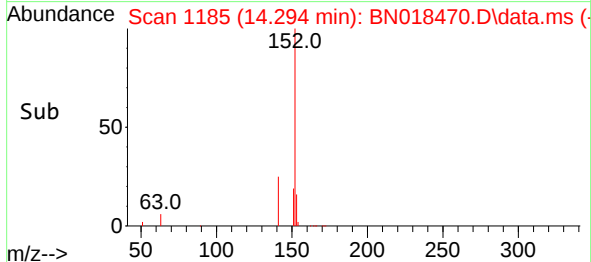
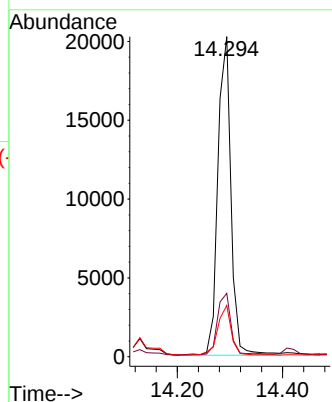
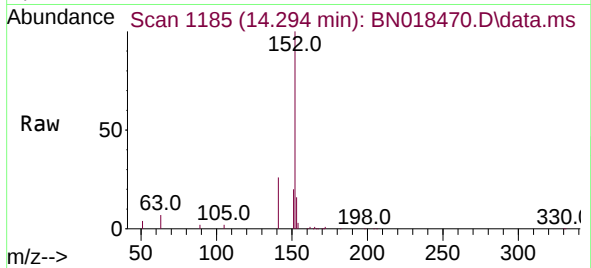




#16
Acenaphthylene
Concen: 0.111 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

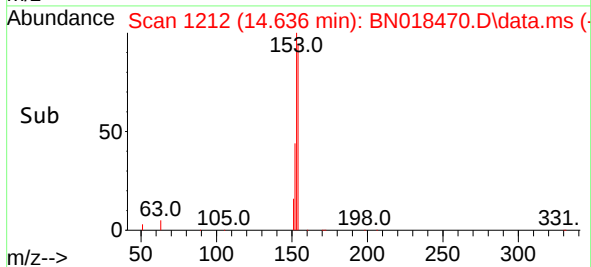
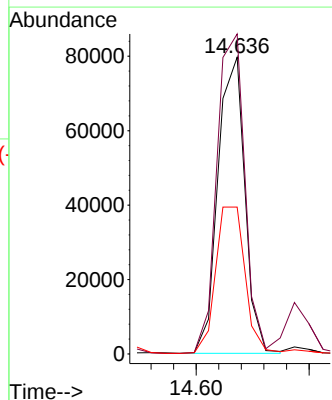
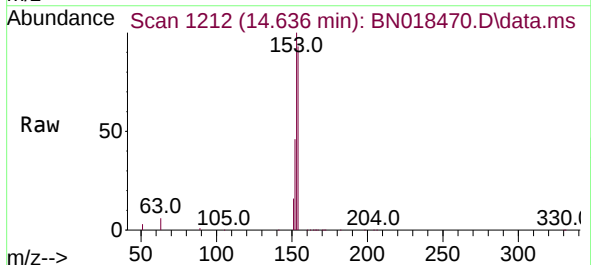
Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

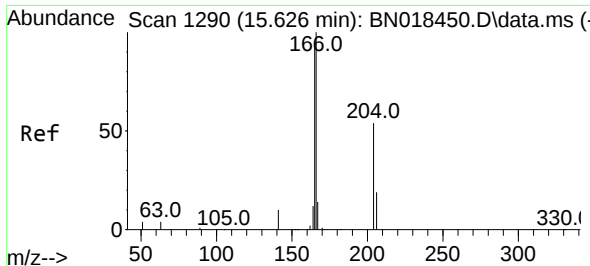
Tgt Ion:152 Resp: 34874
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 16.0 10.5 15.7#



#17
Acenaphthene
Concen: 0.588 ng
RT: 14.636 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion:154 Resp: 131724
Ion Ratio Lower Upper
154 100
153 112.0 90.9 136.3
152 55.3 45.0 67.4

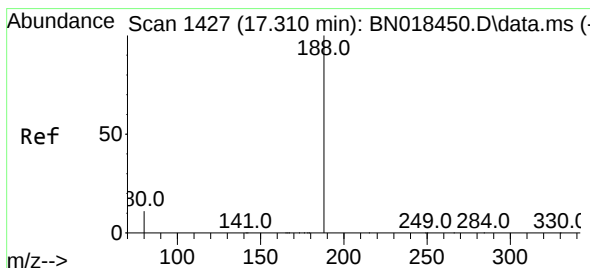
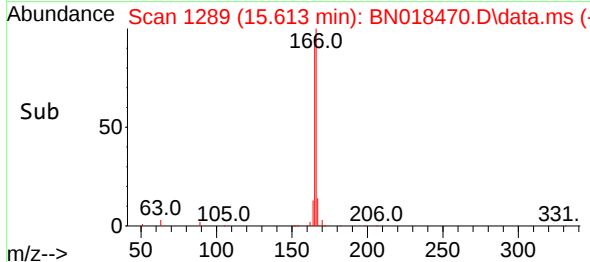
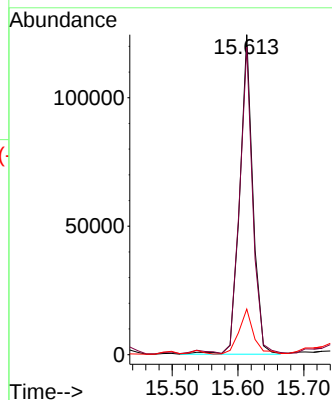
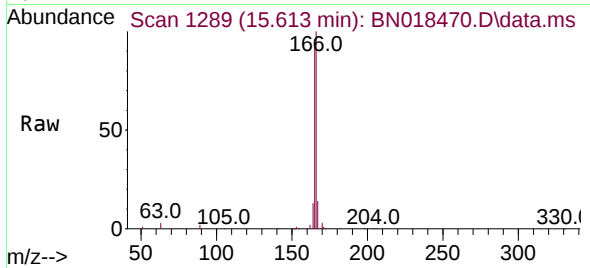




#18
Fluorene
Concen: 0.640 ng
RT: 15.613 min Scan# 1289
Delta R.T. -0.013 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

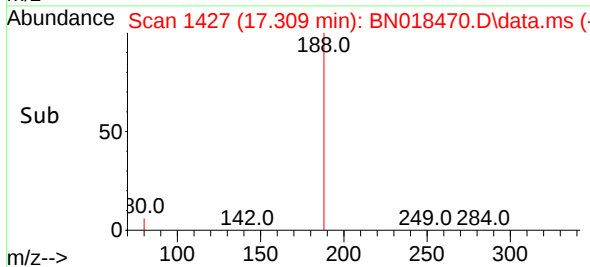
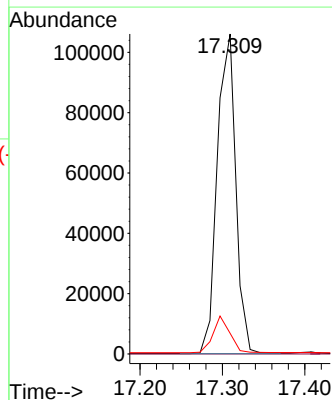
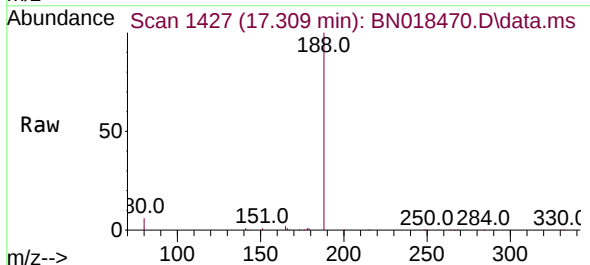
Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

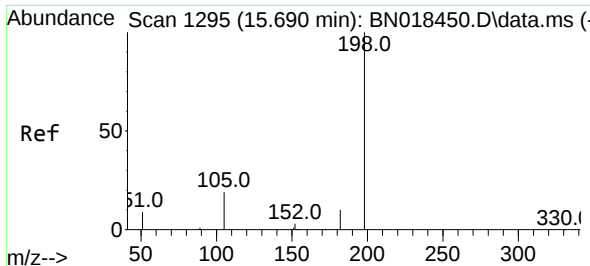
Tgt Ion:166 Resp: 172385
Ion Ratio Lower Upper
166 100
165 95.7 77.8 116.6
167 15.7 10.9 16.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.309 min Scan# 1427
Delta R.T. -0.001 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion:188 Resp: 165452
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 7.0 10.4





#20

4,6-Dinitro-2-methylphenol

Concen: 0.093 ng

RT: 15.677 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN018470.D

Acq: 25 Jan 2022 21:36

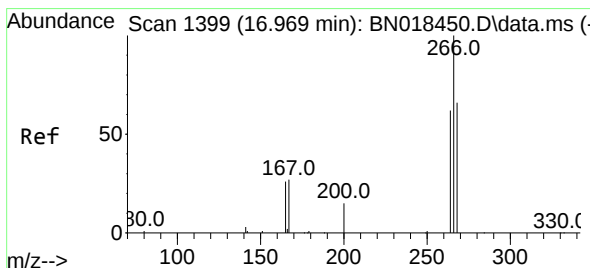
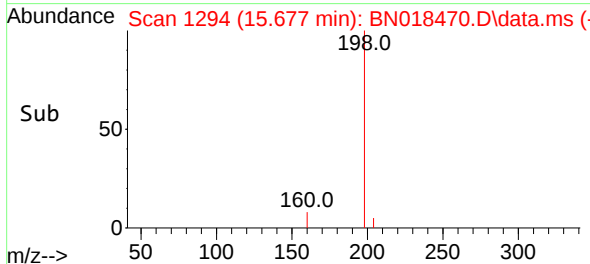
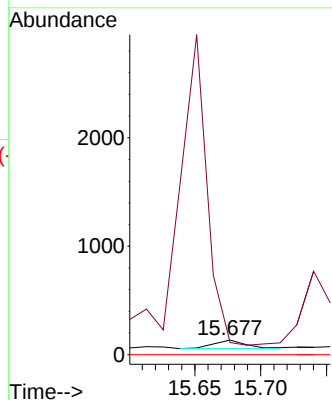
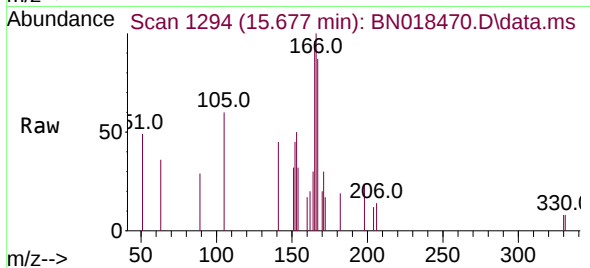
Instrument :

BNA_N

ClientSampleId :

SB-2(2.5-3)

Tgt Ion:198	Resp:	134
Ion Ratio	Lower	Upper
198	100	
182	83.6	15.5 23.3#
77	0.0	0.0 0.0



#24

Pentachlorophenol

Concen: 0.201 ng

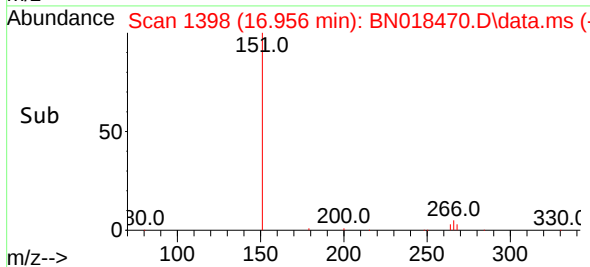
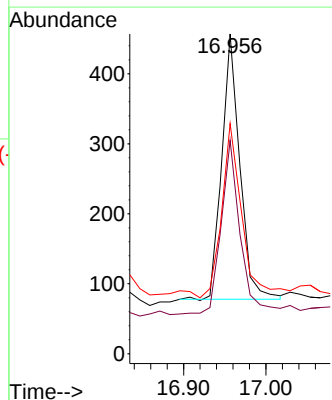
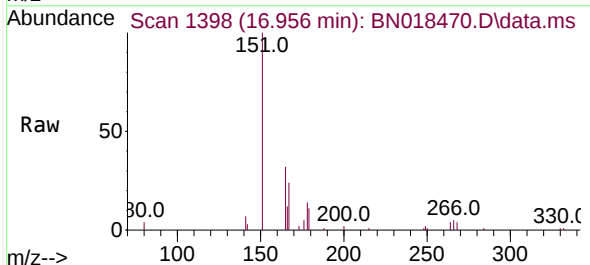
RT: 16.956 min Scan# 1398

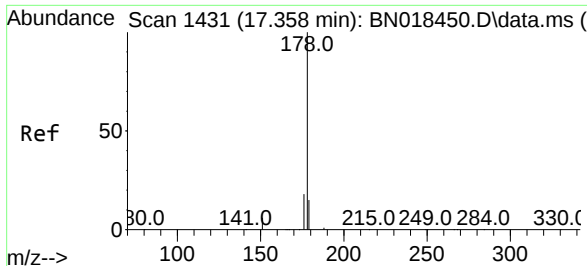
Delta R.T. -0.013 min

Lab File: BN018470.D

Acq: 25 Jan 2022 21:36

Tgt Ion:266	Resp:	577
Ion Ratio	Lower	Upper
266	100	
264	70.9	49.5 74.3
268	74.0	50.6 76.0

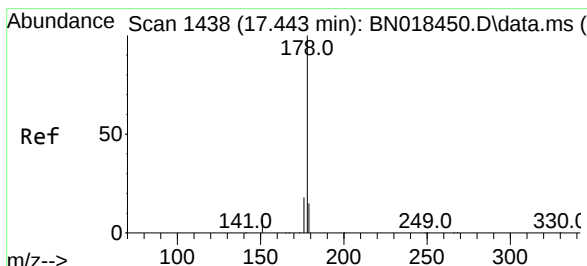
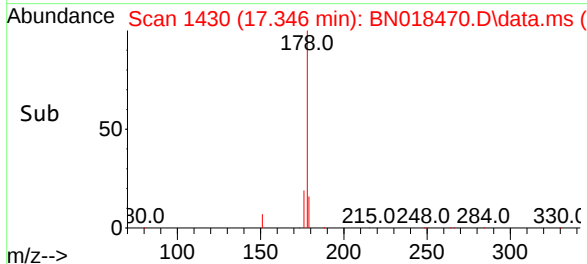
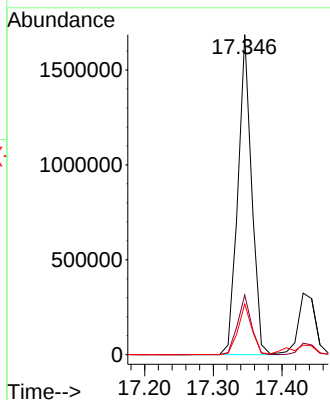
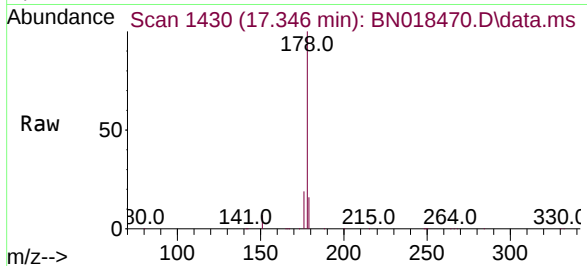




#25
Phenanthrene
Concen: 5.365 ng
RT: 17.346 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

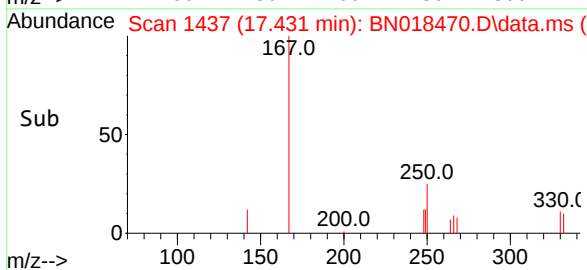
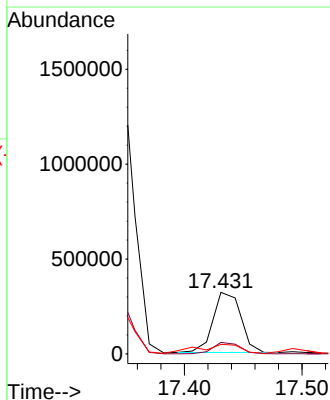
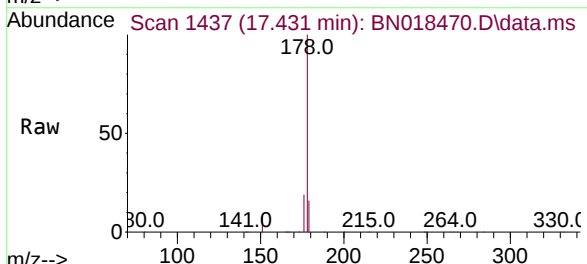
Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

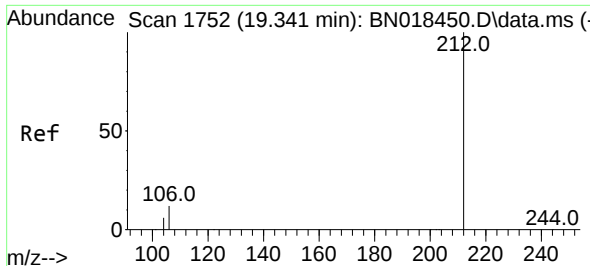
Tgt Ion:178 Resp: 2356324
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.8 12.3 18.5



#26
Anthracene
Concen: 1.397 ng
RT: 17.431 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion:178 Resp: 518880
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 23.0 12.2 18.4#

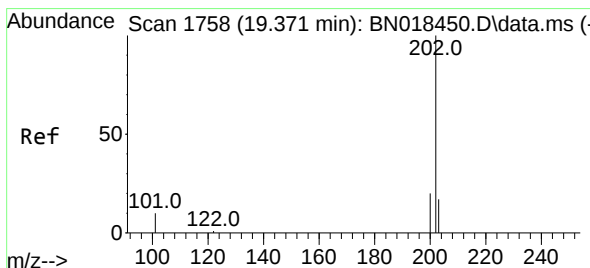
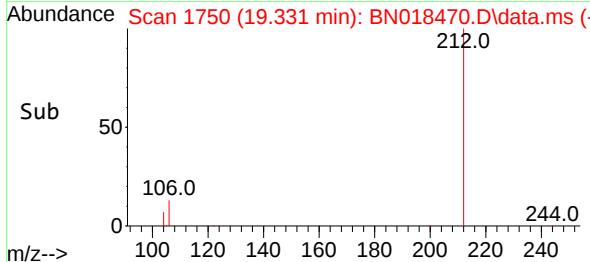
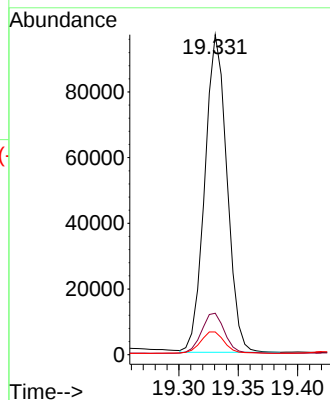
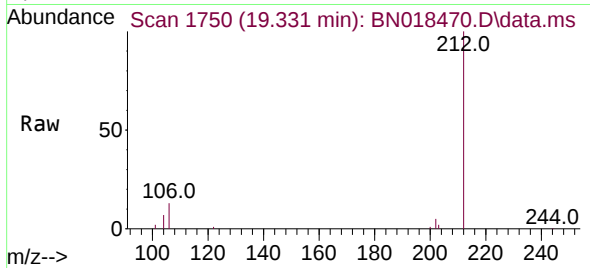




#27
Fluoranthene-d10
Concen: 0.251 ng
RT: 19.331 min Scan# 1750
Delta R.T. -0.010 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

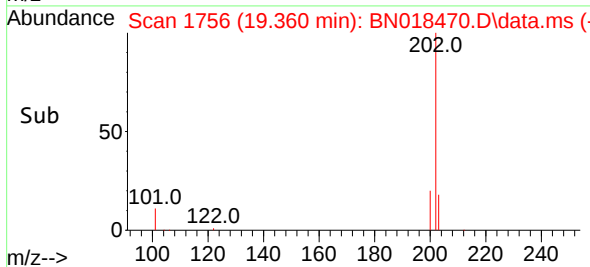
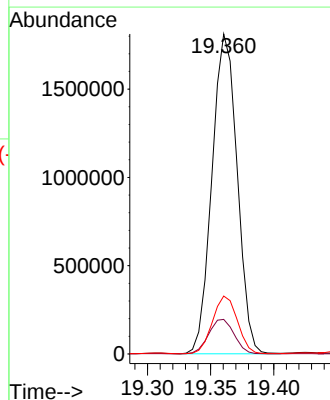
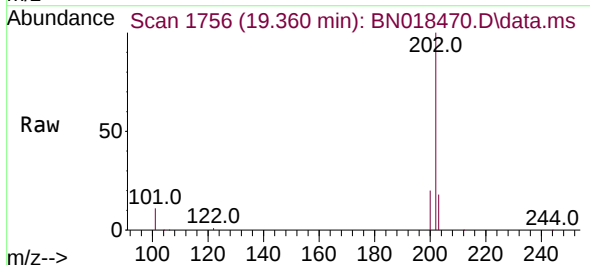
Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

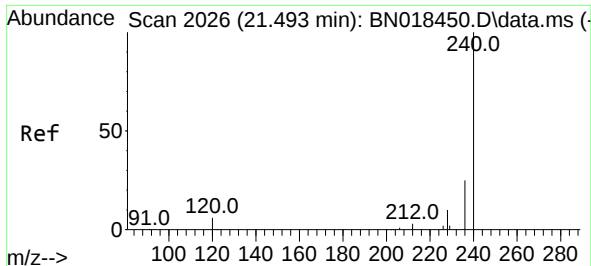
Tgt Ion:212 Resp: 125440
Ion Ratio Lower Upper
212 100
106 13.2 8.4 12.6#
104 7.5 4.5 6.7#



#28
Fluoranthene
Concen: 5.239 ng
RT: 19.360 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion:202 Resp: 2513809
Ion Ratio Lower Upper
202 100
101 10.9 7.2 10.8#
203 17.8 13.7 20.5

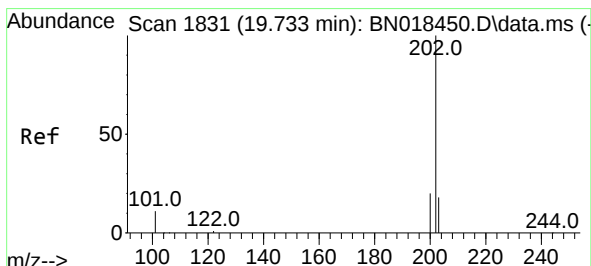
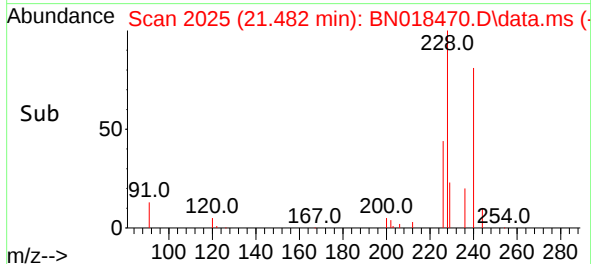
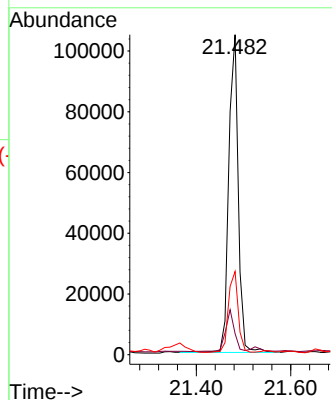
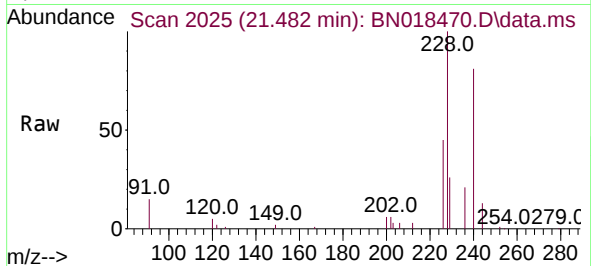




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.482 min Scan# 20
Delta R.T. -0.011 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

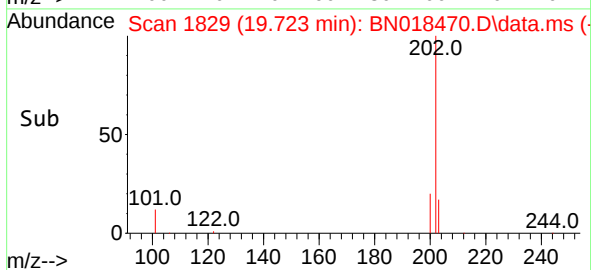
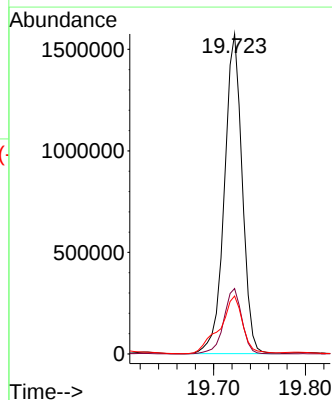
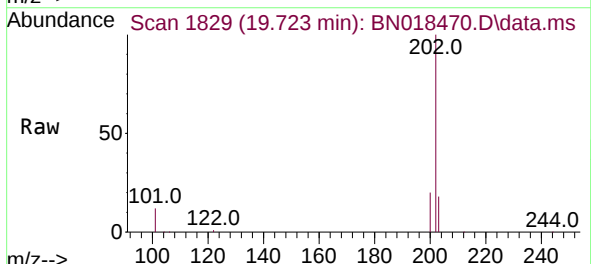
Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

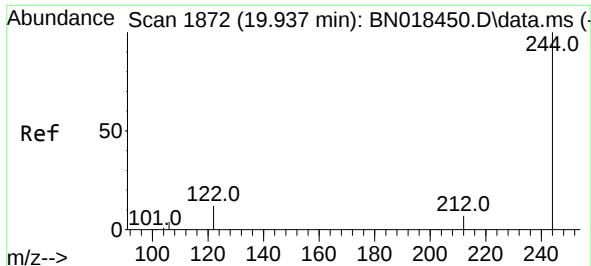
Tgt Ion:240 Resp: 146134
Ion Ratio Lower Upper
240 100
120 6.6 6.0 9.0
236 26.0 21.4 32.2



#30
Pyrene
Concen: 3.408 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.010 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion:202 Resp: 2125370
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 23.2 14.1 21.1#

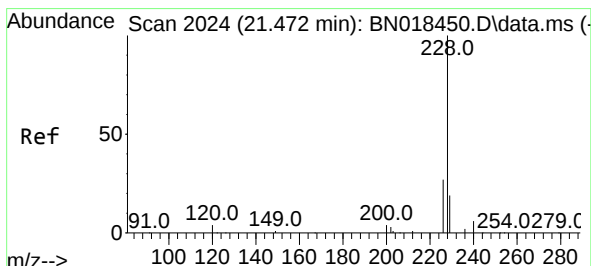
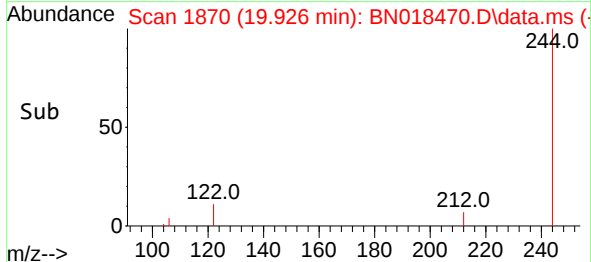
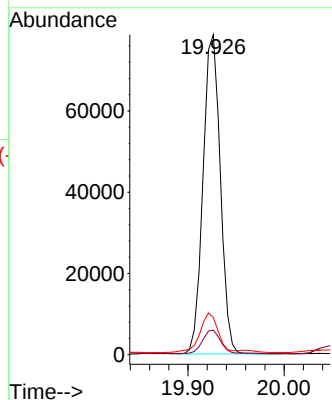
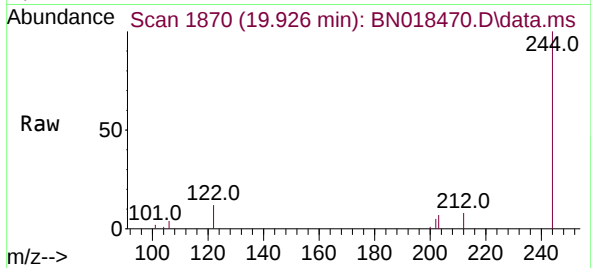




#31
 Terphenyl-d14
 Concen: 0.215 ng
 RT: 19.926 min Scan# 1872
 Delta R.T. -0.010 min
 Lab File: BN018470.D
 Acq: 25 Jan 2022 21:36

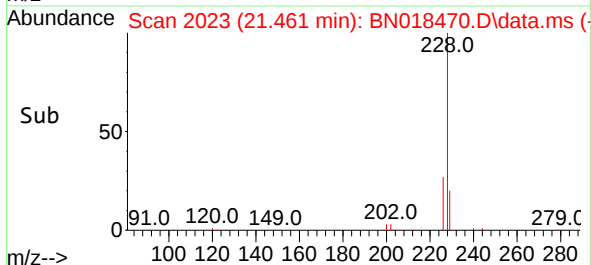
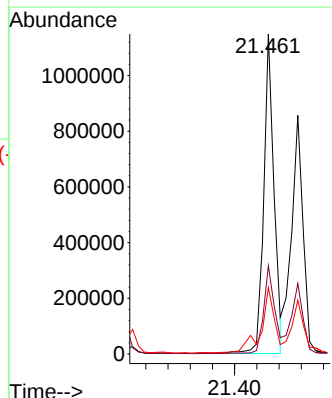
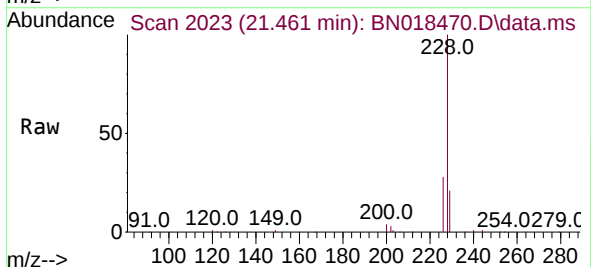
Instrument :
 BNA_N
 ClientSampleId :
 SB-2(2.5-3)

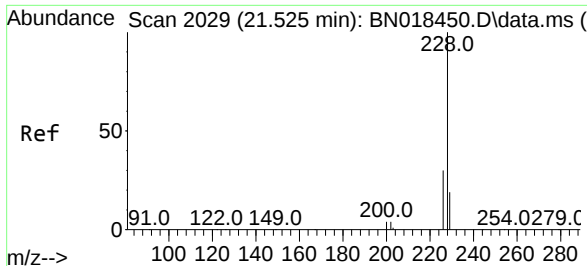
Tgt Ion:244 Resp: 97866
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 11.6 7.9 11.9



#32
 Benzo(a)anthracene
 Concen: 3.174 ng
 RT: 21.461 min Scan# 2023
 Delta R.T. -0.011 min
 Lab File: BN018470.D
 Acq: 25 Jan 2022 21:36

Tgt Ion:228 Resp: 1469045
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.3 31.9
 229 20.7 15.9 23.9





#33

Chrysene

Concen: 2.711 ng

RT: 21.514 min Scan# 2017

Delta R.T. -0.011 min

Lab File: BN018470.D

Acq: 25 Jan 2022 21:36

Instrument :

BNA_N

ClientSampleId :

SB-2(2.5-3)

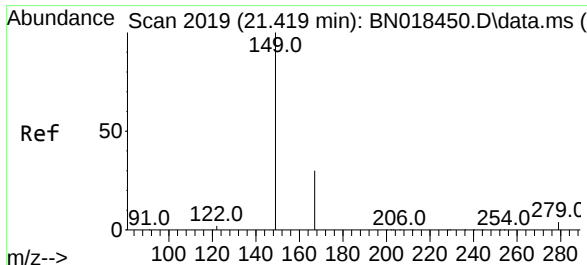
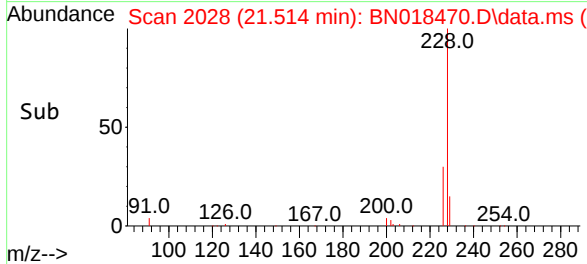
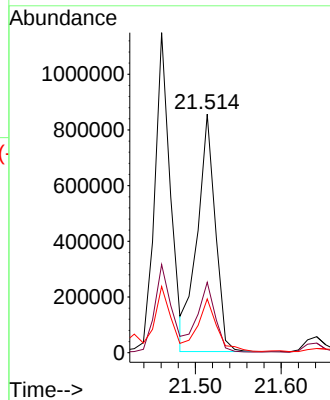
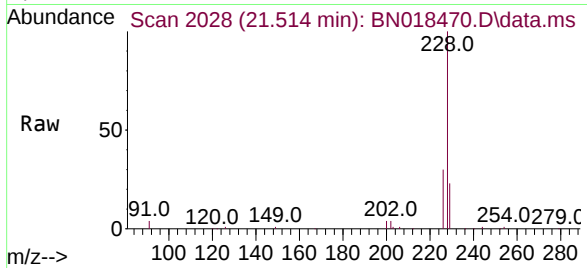
Tgt Ion:228 Resp: 1240905

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.4

229 22.5 15.5 23.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.118 ng

RT: 21.397 min Scan# 2017

Delta R.T. -0.022 min

Lab File: BN018470.D

Acq: 25 Jan 2022 21:36

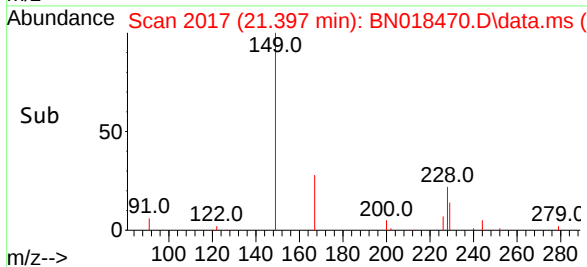
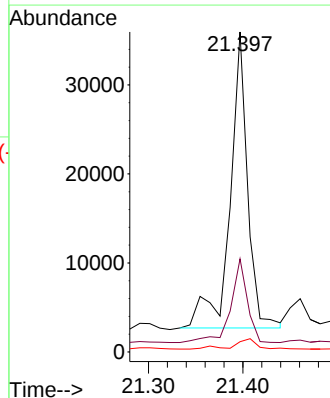
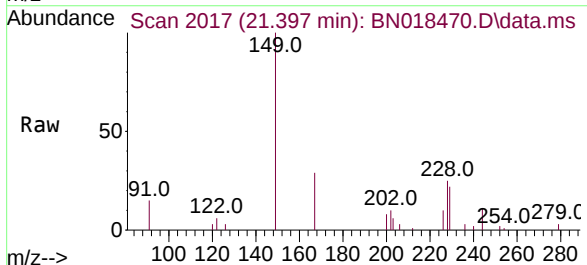
Tgt Ion:149 Resp: 43057

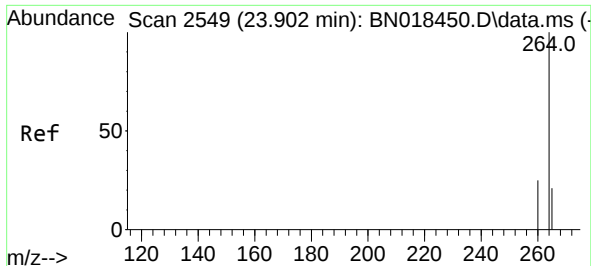
Ion Ratio Lower Upper

149 100

167 26.7 23.7 35.5

279 4.7 3.6 5.4

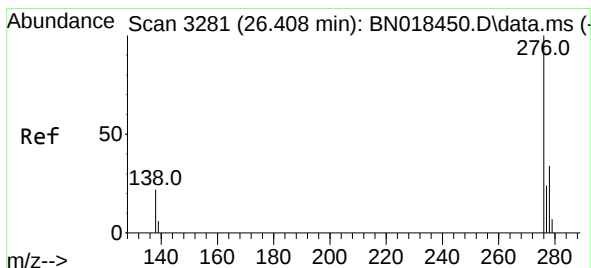
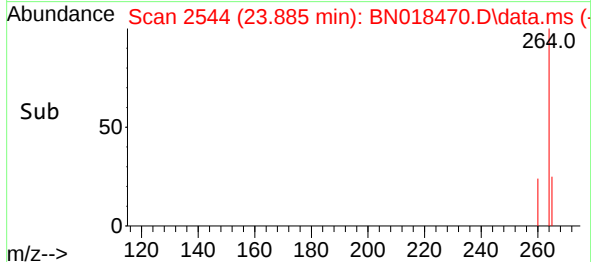
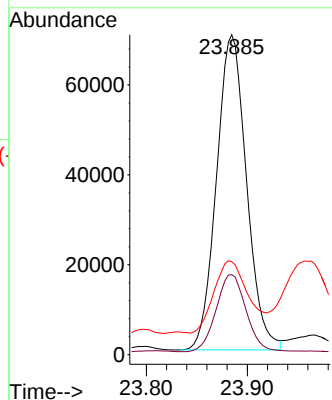
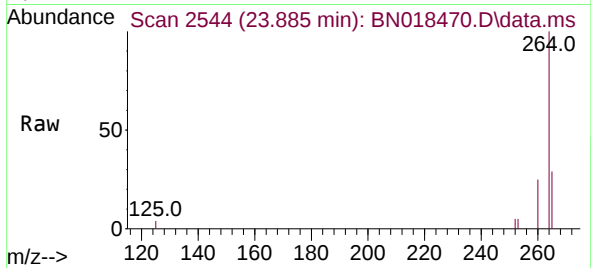




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.885 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

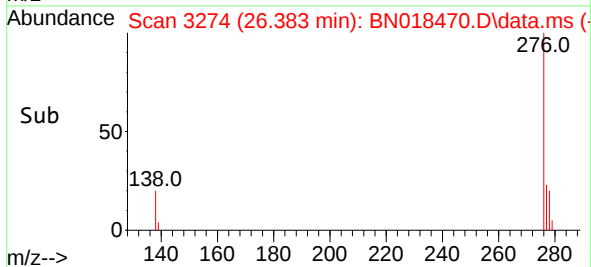
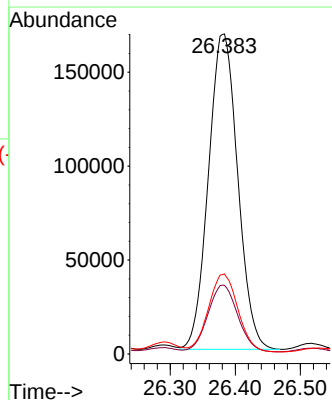
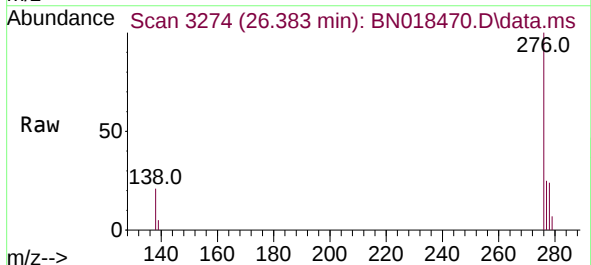
Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

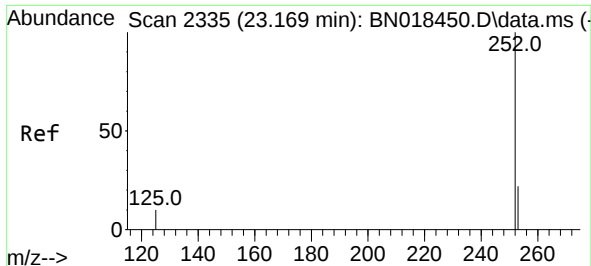
Tgt Ion:264 Resp: 144893
Ion Ratio Lower Upper
264 100
260 25.0 20.2 30.4
265 29.0 18.2 27.2#



#36
Indeno(1,2,3-cd)pyrene
Concen: 2.039 ng
RT: 26.383 min Scan# 3274
Delta R.T. -0.024 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion:276 Resp: 525132
Ion Ratio Lower Upper
276 100
138 21.6 14.9 22.3
277 24.9 19.9 29.9

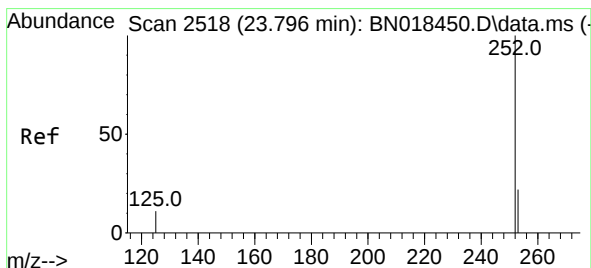
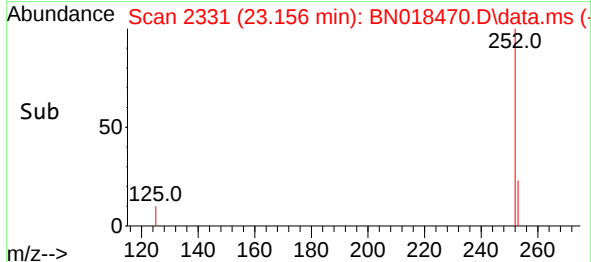
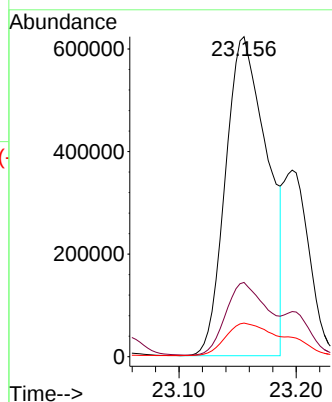
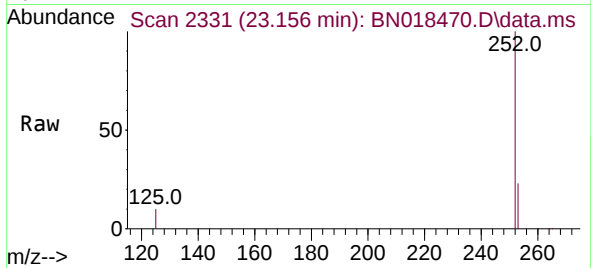




#37
Benzo(b)fluoranthene
Concen: 2.960 ng
RT: 23.156 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

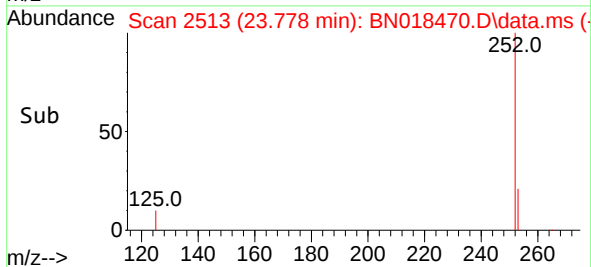
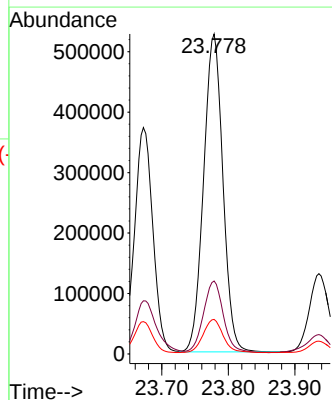
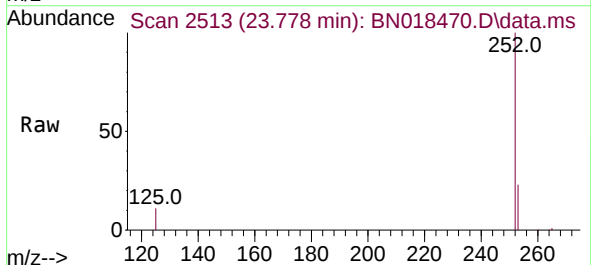
Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

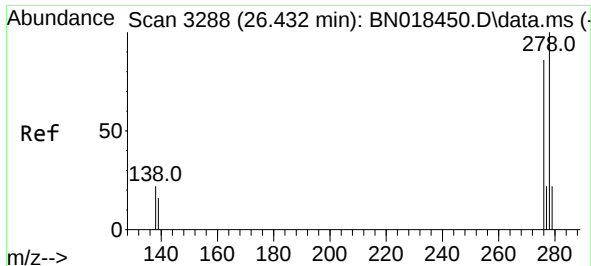
Tgt Ion:252 Resp: 1544795
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 10.5 6.0 9.0#



#39
Benzo(a)pyrene
Concen: 2.763 ng
RT: 23.778 min Scan# 2513
Delta R.T. -0.017 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion:252 Resp: 1055479
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 10.8 7.0 10.4#

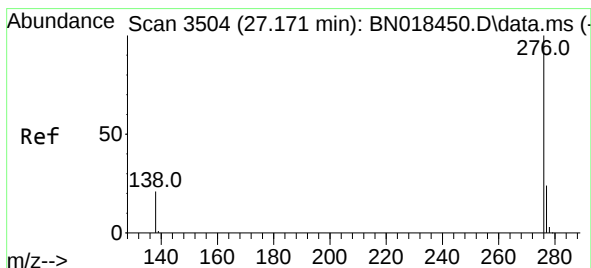
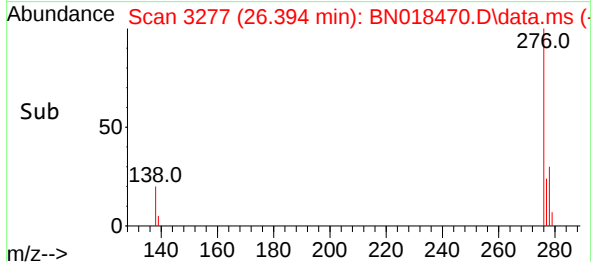
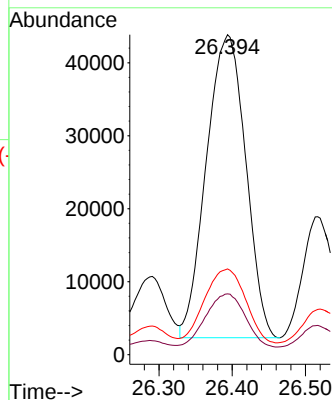
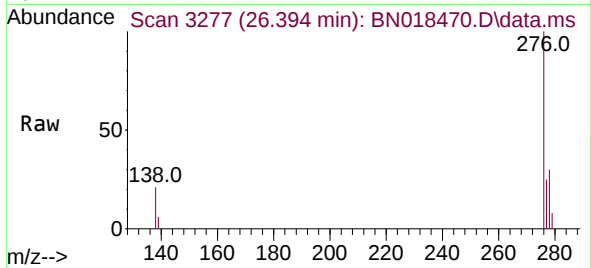




#40
Dibenzo(a,h)anthracene
Concen: 0.818 ng
RT: 26.394 min Scan# 31
Delta R.T. -0.038 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:278 Resp: 154704
Ion Ratio Lower Upper
278 100
139 19.0 10.8 16.2#
279 26.8 19.0 28.4



#41
Benzo(g,h,i)perylene
Concen: 1.698 ng
RT: 27.147 min Scan# 3497
Delta R.T. -0.024 min
Lab File: BN018470.D
Acq: 25 Jan 2022 21:36

Tgt Ion:276 Resp: 445066
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 21.6 12.6 19.0#

