

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017671.D
 Acq On : 02 Dec 2021 05:15
 Operator : CG/JU
 Sample : M4895-02 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-2

Quant Time: Dec 02 05:59:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 02 01:51:49 2021
 Response via : Initial Calibration

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

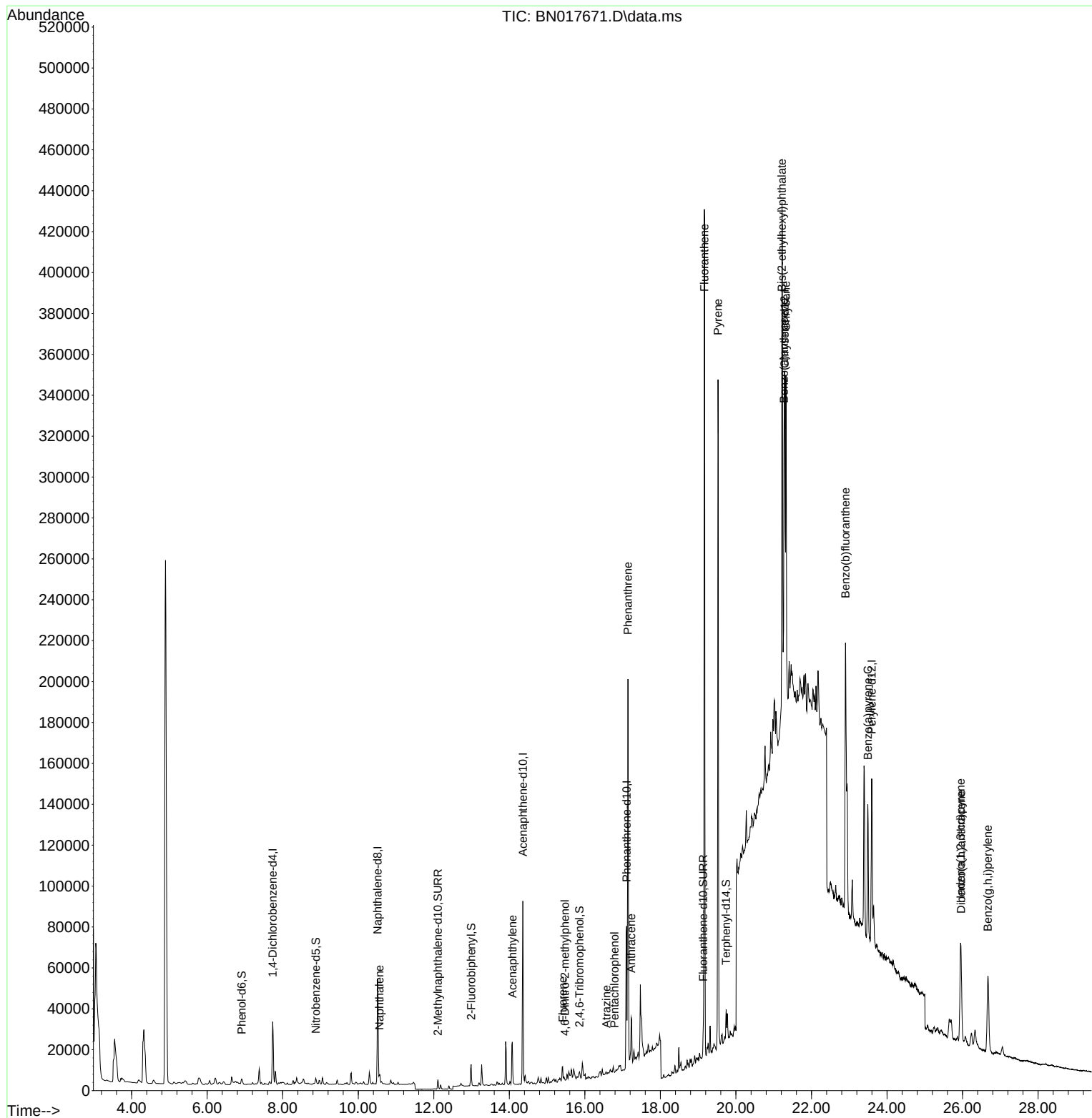
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	17383	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	77370	0.400	ng	# 0.00
13) Acenaphthene-d10	14.359	164	51520	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	111511	0.400	ng	0.00
29) Chrysene-d12	21.293	240	102259	0.400	ng	# 0.01
35) Perylene-d12	23.595	264	115333	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	734	0.019	ng	0.00
5) Phenol-d6	6.915	99	1811	0.043	ng	0.00
8) Nitrobenzene-d5	8.875	82	2857	0.087	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	6900	0.051	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	295	0.134	ng	0.01
15) 2-Fluorobiphenyl	12.989	172	10083	0.050	ng	0.00
27) Fluoranthene-d10	19.134	212	18912	0.054	ng	0.00
31) Terphenyl-d14	19.739	244	14250	0.064	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.560	128	4193	0.021	ng	# 90
16) Acenaphthylene	14.080	152	26929	0.134	ng	99
18) Fluorene	15.412	166	5616	0.033	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.475	198	24	0.061	ng	# 1
23) Atrazine	16.569	200	156	0.134	ng	# 1
24) Pentachlorophenol	16.788	266	59	0.194	ng	# 53
25) Phenanthrene	17.141	178	192629	0.630	ng	99
26) Anthracene	17.226	178	27728	0.106	ng	# 88
28) Fluoranthene	19.164	202	389047	1.124	ng	# 97
30) Pyrene	19.526	202	291306	0.882	ng	97
32) Benzo(a)anthracene	21.271	228	115630	0.372	ng	# 87
33) Chrysene	21.324	228	156961	0.465	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.218	149	305641	4.149	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.950	276	89807	0.240	ng	# 90
37) Benzo(b)fluoranthene	22.901	252	221149	0.578	ng	# 38
39) Benzo(a)pyrene	23.493	252	97016	0.283	ng	# 1
40) Dibenzo(a,h)anthracene	25.964	278	20445	0.067	ng	# 1
41) Benzo(g,h,i)perylene	26.673	276	87042	0.276	ng	# 86

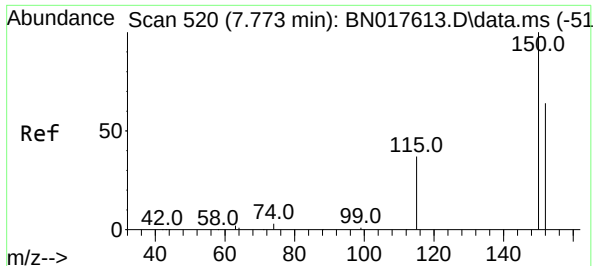
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
Data File : BN017671.D
Acq On : 02 Dec 2021 05:15
Operator : CG/JU
Sample : M4895-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLAB-2

Quant Time: Dec 02 05:59:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 02 01:51:49 2021
Response via : Initial Calibration

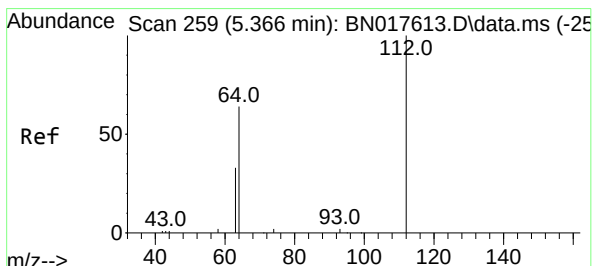
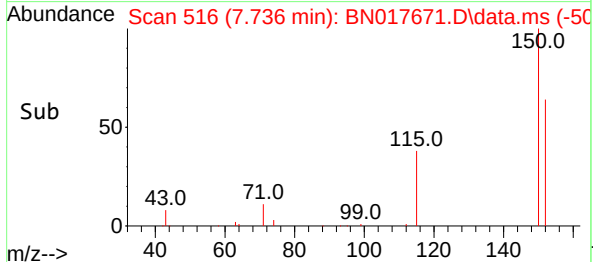
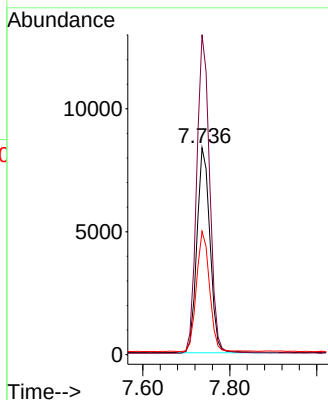
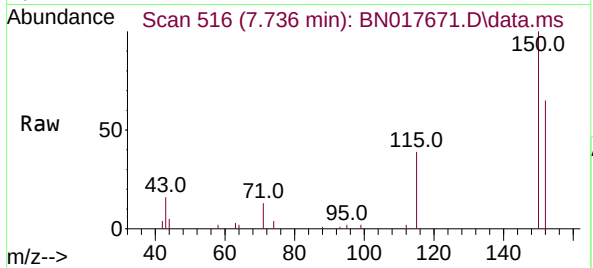




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.736 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

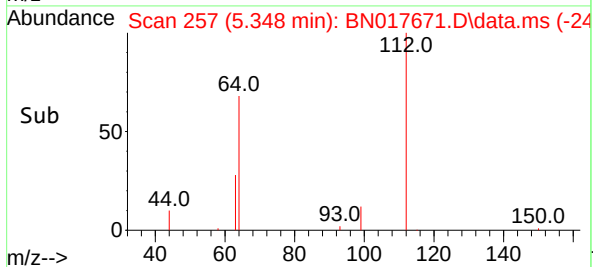
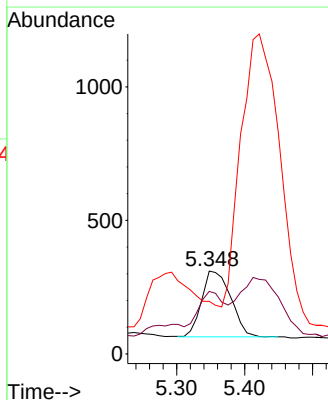
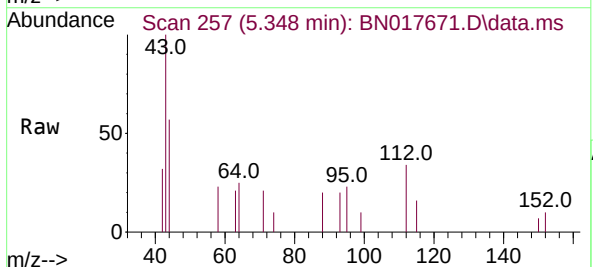
Instrument :
BNA_N
ClientSampleId :
SLAB-2

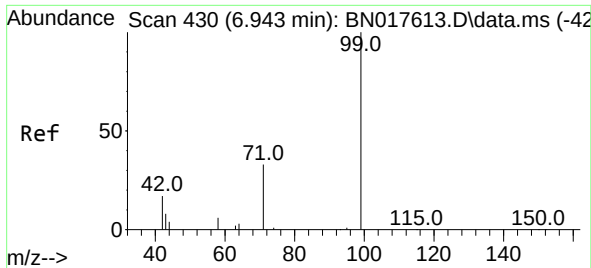
Tgt Ion:152 Resp: 17383
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.4
115 59.6 45.6 68.4



#4
2-Fluorophenol
Concen: 0.019 ng
RT: 5.348 min Scan# 257
Delta R.T. 0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

Tgt Ion:112 Resp: 734
Ion Ratio Lower Upper
112 100
64 45.1 47.6 71.4#
63 0.0 24.6 37.0#

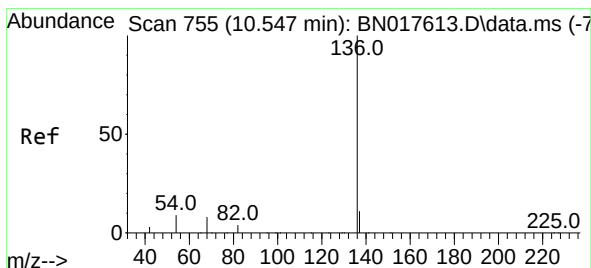
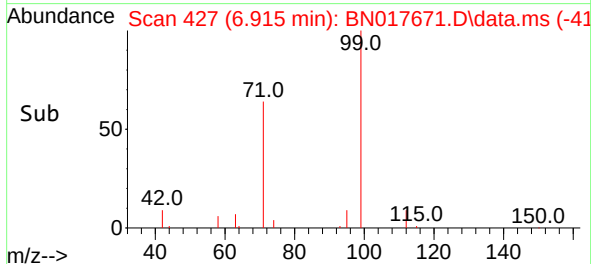
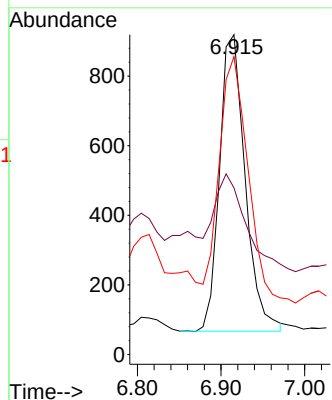
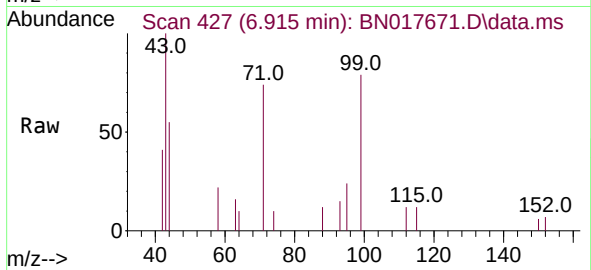




#5
Phenol-d6
Concen: 0.043 ng
RT: 6.915 min Scan# 431
Delta R.T. 0.009 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

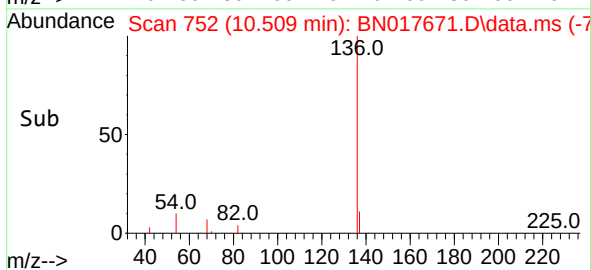
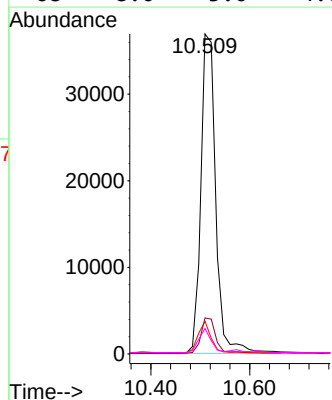
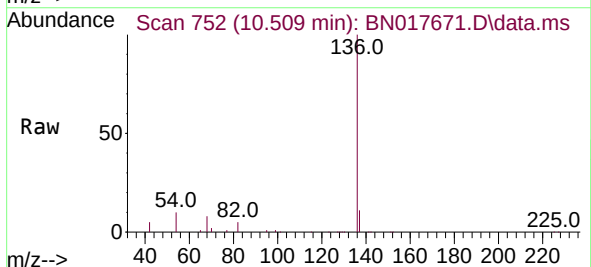
Instrument :
BNA_N
ClientSampleId :
SLAB-2

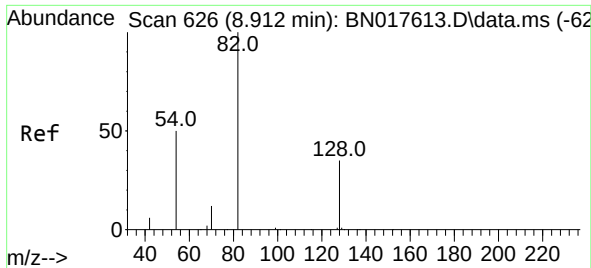
Tgt Ion: 99 Resp: 1811
Ion Ratio Lower Upper
99 100
42 34.3 17.0 25.6#
71 88.3 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 752
Delta R.T. 0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

Tgt Ion: 136 Resp: 77370
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.2 4.0 6.0#
68 8.0 3.0 4.6#

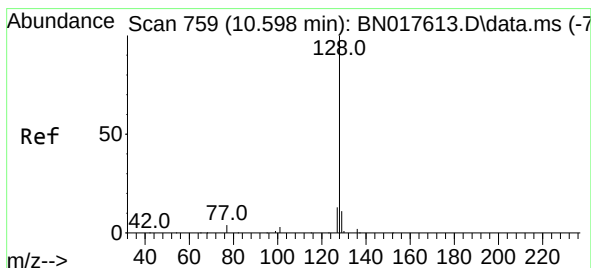
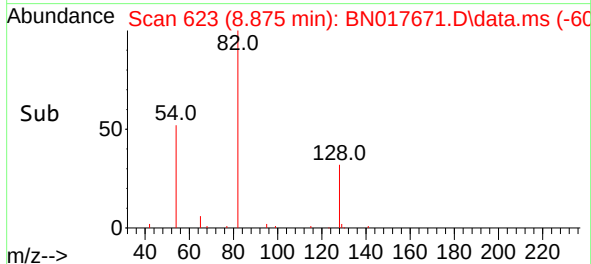
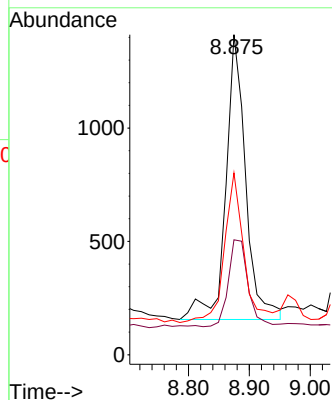
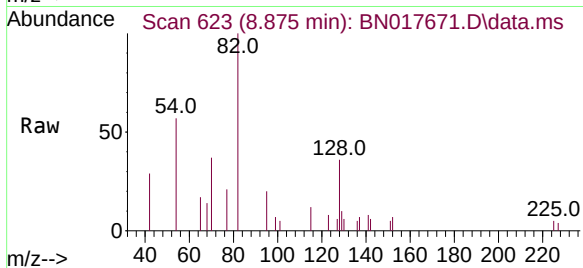




#8
Nitrobenzene-d5
Concen: 0.087 ng
RT: 8.875 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

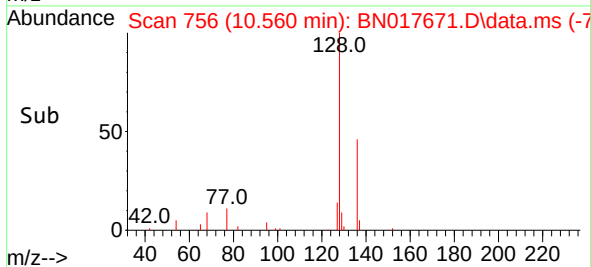
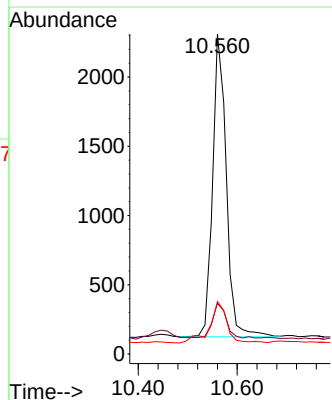
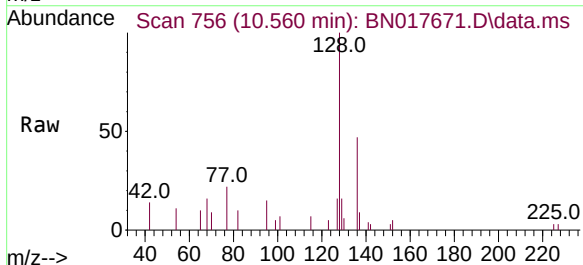
Instrument :
BNA_N
ClientSampleId :
SLAB-2

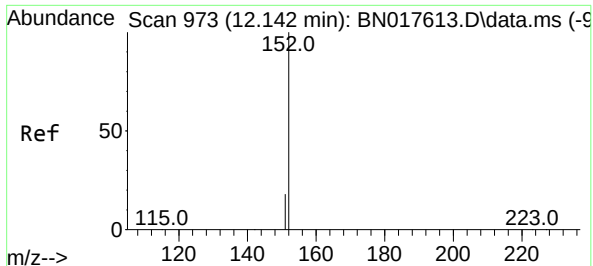
Tgt Ion: 82 Resp: 2857
Ion Ratio Lower Upper
82 100
128 35.9 27.7 41.5
54 56.8 49.2 73.8



#9
Naphthalene
Concen: 0.021 ng
RT: 10.560 min Scan# 756
Delta R.T. 0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

Tgt Ion: 128 Resp: 4193
Ion Ratio Lower Upper
128 100
129 15.9 8.8 13.2#
127 16.4 10.6 15.8#





#11

2-Methylnaphthalene-d10

Concen: 0.051 ng

RT: 12.106 min Scan# 9

Delta R.T. 0.000 min

Lab File: BN017671.D

Acq: 02 Dec 2021 05:15

Instrument :

BNA_N

ClientSampleId :

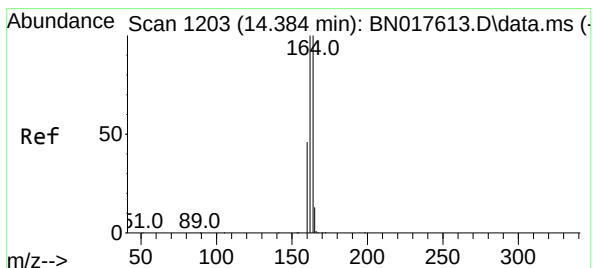
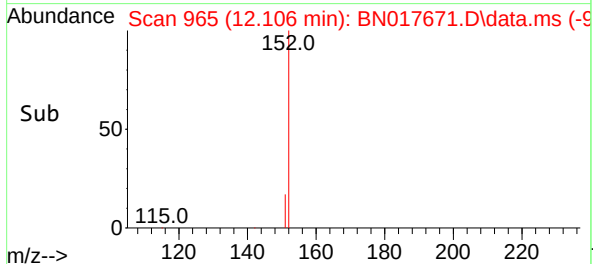
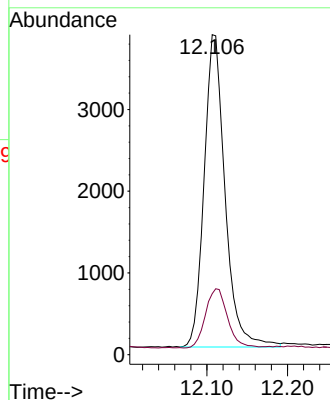
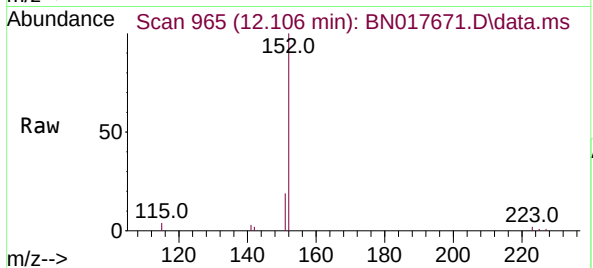
SLAB-2

Tgt Ion:152 Resp: 6900

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.359 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BN017671.D

Acq: 02 Dec 2021 05:15

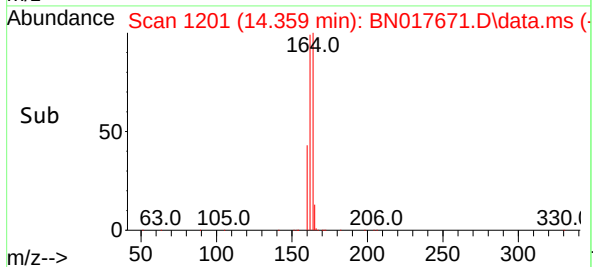
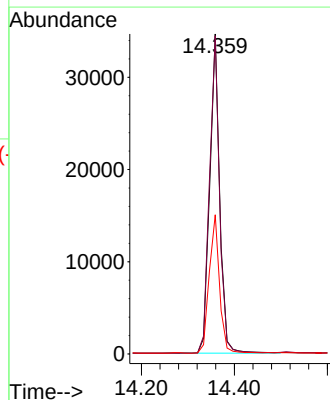
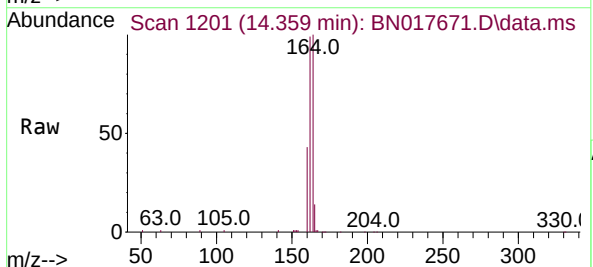
Tgt Ion:164 Resp: 51520

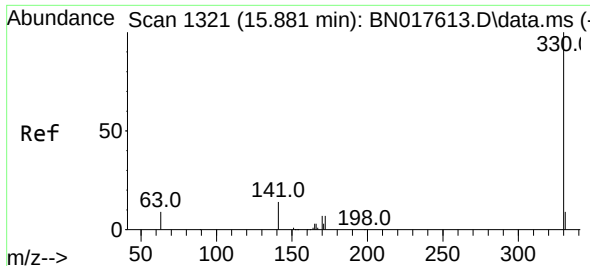
Ion Ratio Lower Upper

164 100

162 99.5 81.4 122.2

160 43.5 36.8 55.2

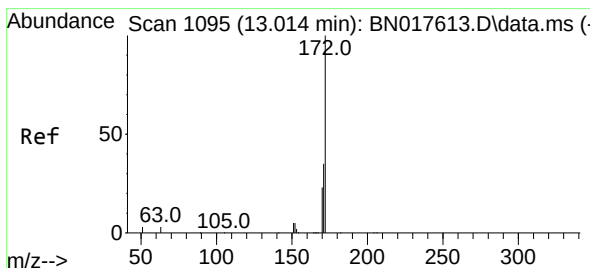
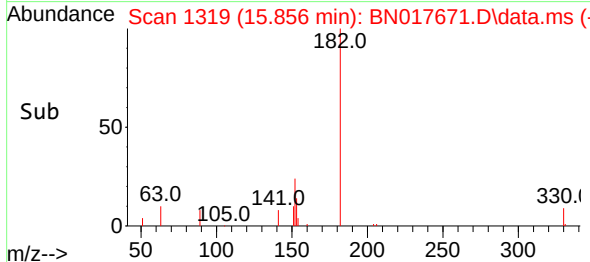
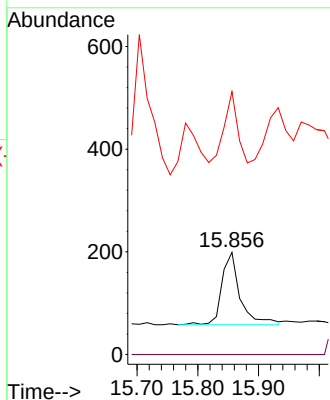
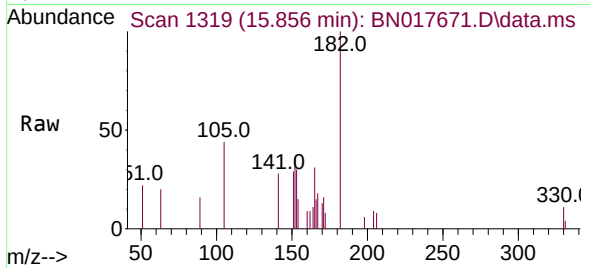




#14
2,4,6-Tribromophenol
Concen: 0.134 ng
RT: 15.856 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

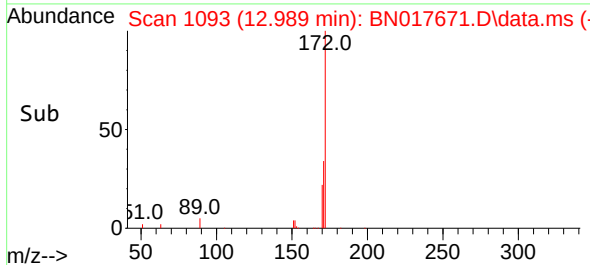
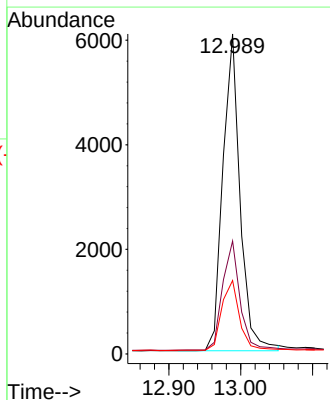
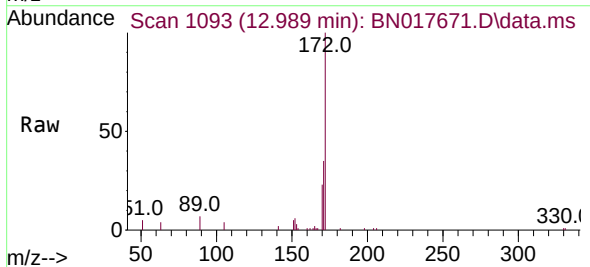
Instrument :
BNA_N
ClientSampleId :
SLAB-2

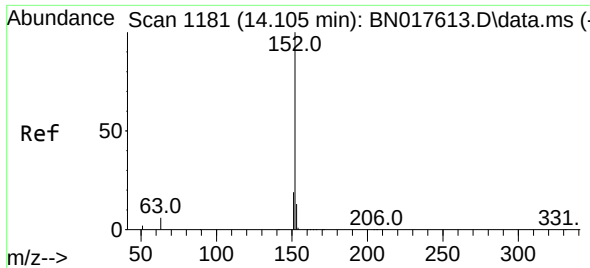
Tgt Ion:330 Resp: 295
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 68.8 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.050 ng
RT: 12.989 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

Tgt Ion:172 Resp: 10083
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.0 19.4 29.2

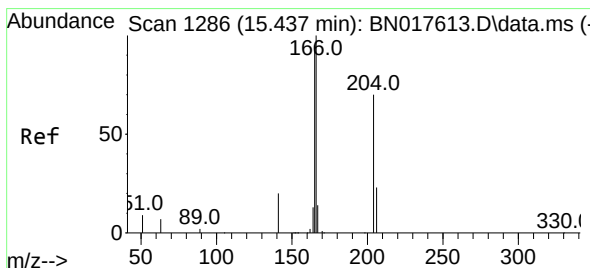
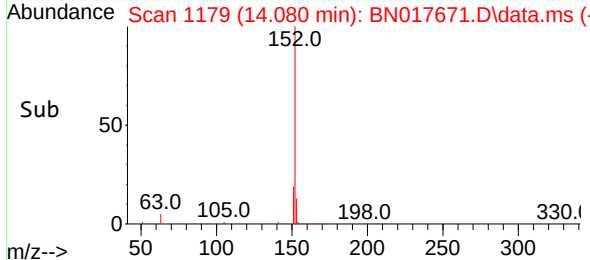
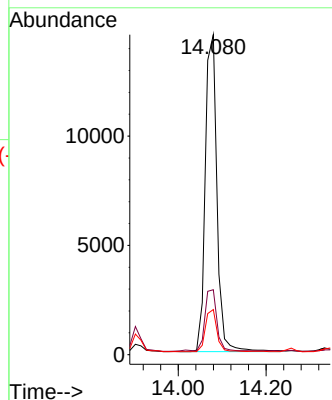
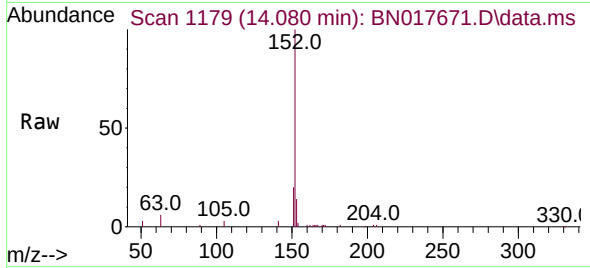




#16
Acenaphthylene
Concen: 0.134 ng
RT: 14.080 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

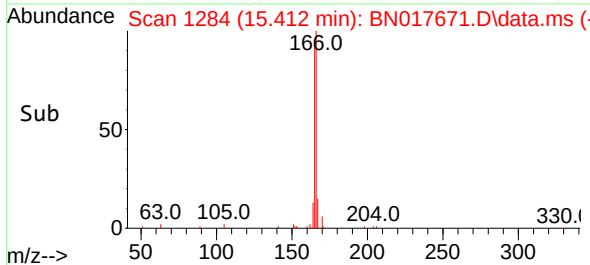
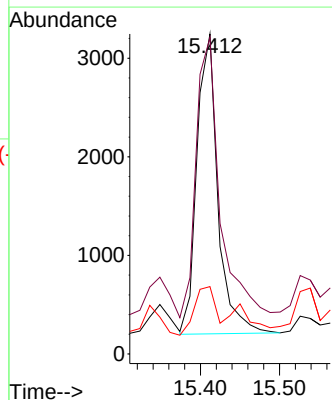
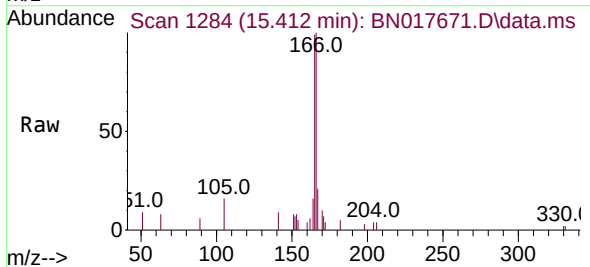
Instrument :
BNA_N
ClientSampleId :
SLAB-2

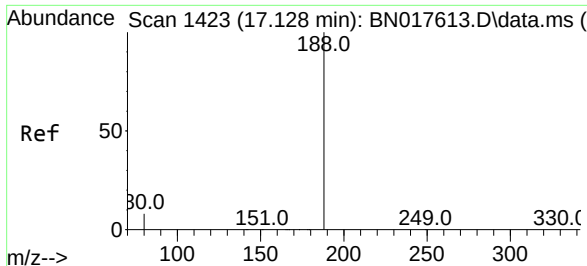
Tgt Ion:152 Resp: 26929
Ion Ratio Lower Upper
152 100
151 20.4 15.5 23.3
153 13.0 10.4 15.6



#18
Fluorene
Concen: 0.033 ng
RT: 15.412 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

Tgt Ion:166 Resp: 5616
Ion Ratio Lower Upper
166 100
165 106.4 77.9 116.9
167 19.2 10.9 16.3#

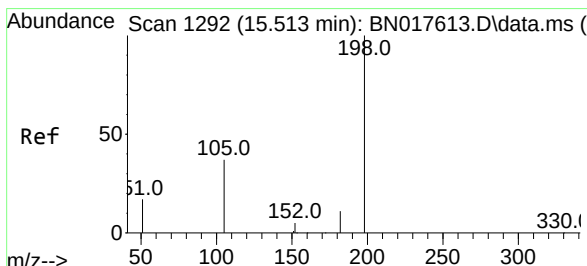
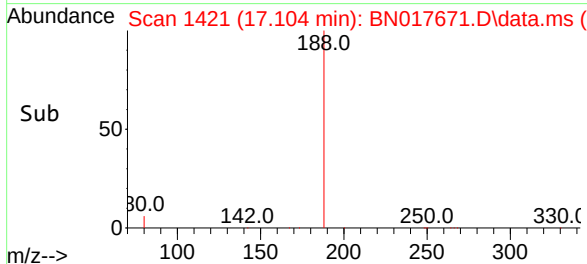
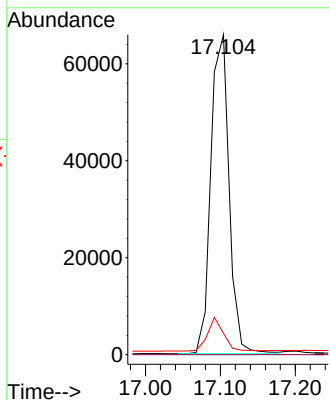
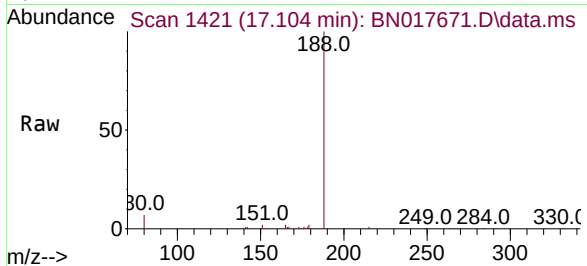




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

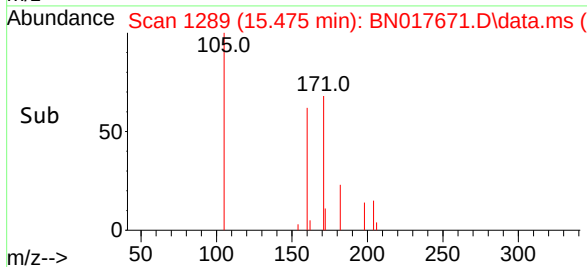
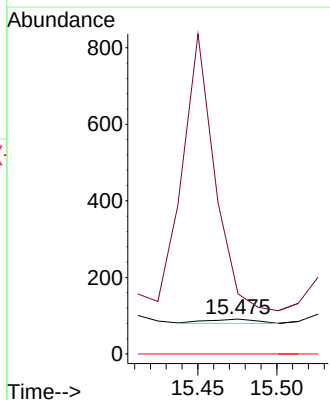
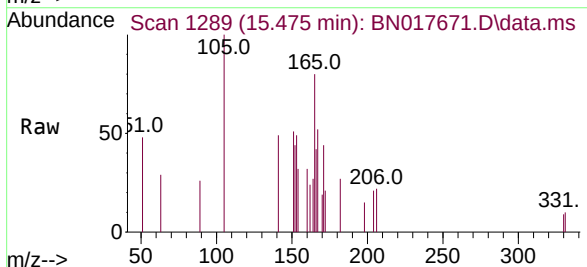
Instrument :
BNA_N
ClientSampleId :
SLAB-2

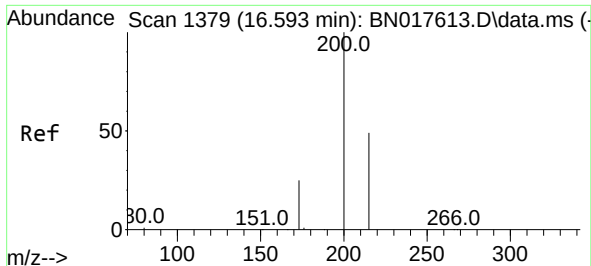
Tgt Ion:188 Resp: 111511
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.061 ng
RT: 15.475 min Scan# 1289
Delta R.T. -0.013 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
182 172.5 11.4 17.2#
77 0.0 0.0 0.0

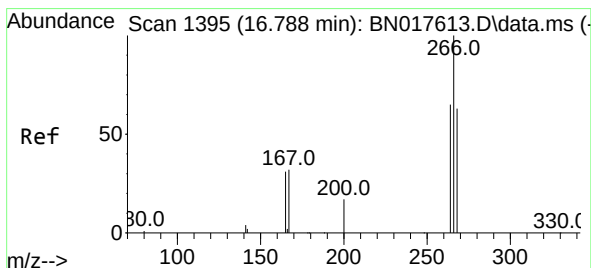
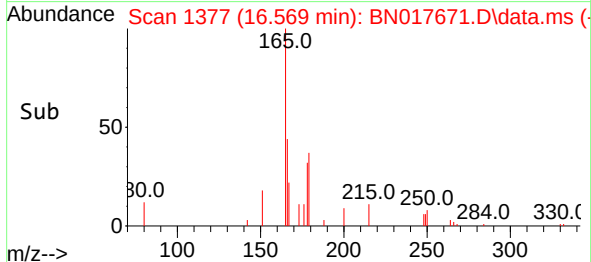
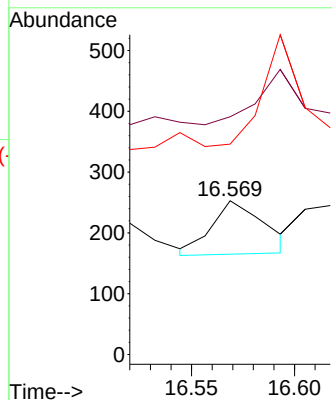
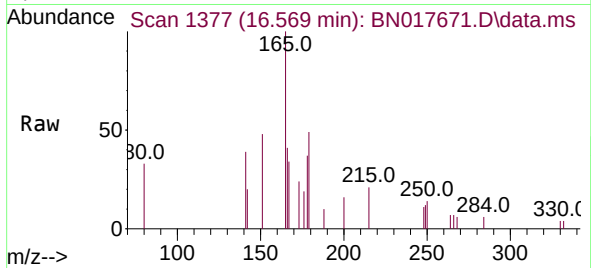




#23
 Atrazine
 Concen: 0.134 ng
 RT: 16.569 min Scan# 1377
 Delta R.T. 0.000 min
 Lab File: BN017671.D
 Acq: 02 Dec 2021 05:15

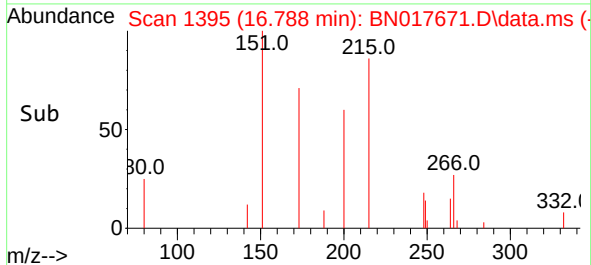
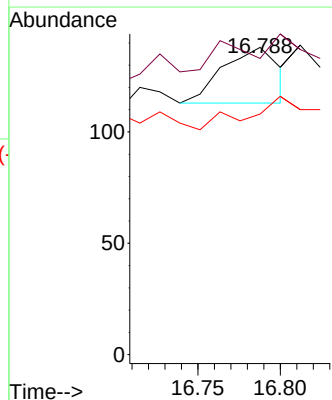
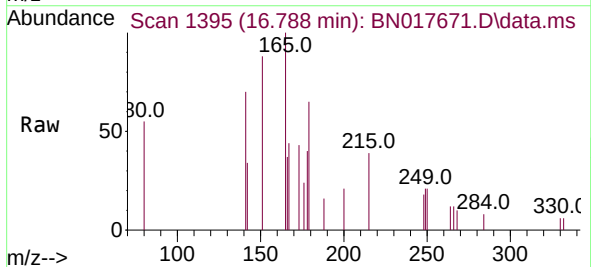
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-2

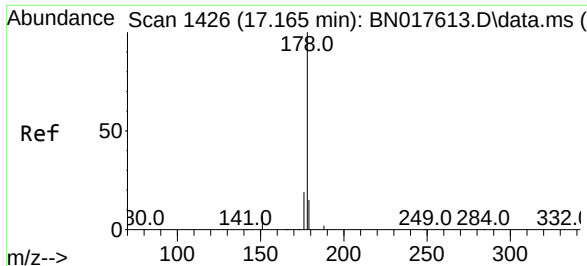
Tgt Ion:200 Resp: 156
 Ion Ratio Lower Upper
 200 100
 173 154.5 17.6 26.4#
 215 136.8 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.194 ng
 RT: 16.788 min Scan# 1395
 Delta R.T. 0.024 min
 Lab File: BN017671.D
 Acq: 02 Dec 2021 05:15

Tgt Ion:266 Resp: 59
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.8 74.8#
 268 74.6 51.3 76.9

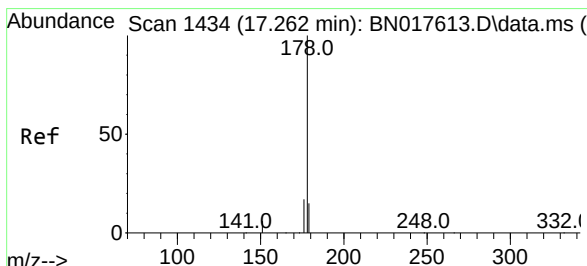
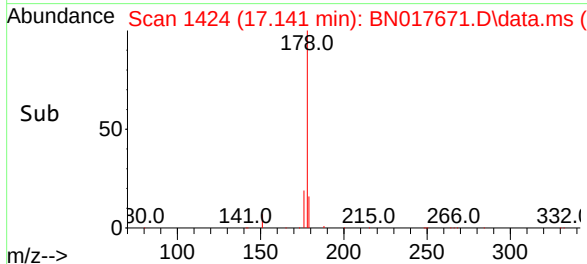
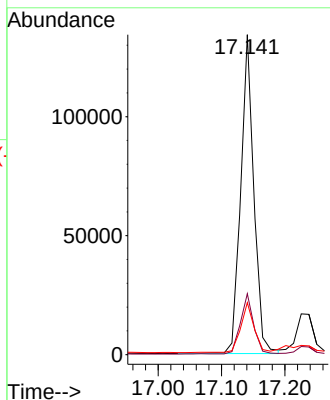
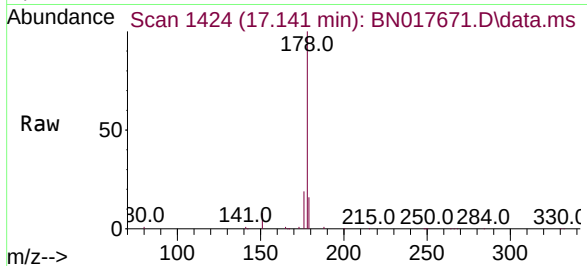




#25
Phenanthrene
Concen: 0.630 ng
RT: 17.141 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

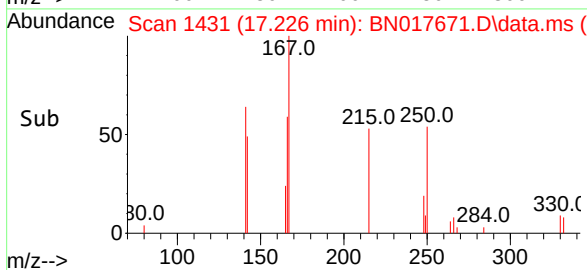
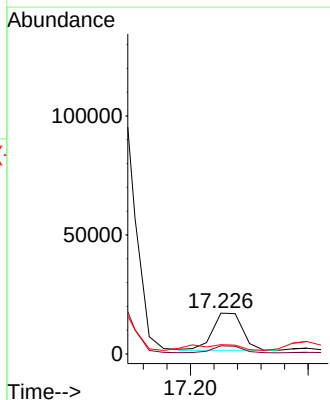
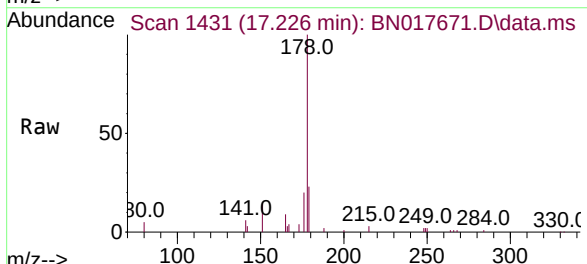
Instrument :
BNA_N
ClientSampleId :
SLAB-2

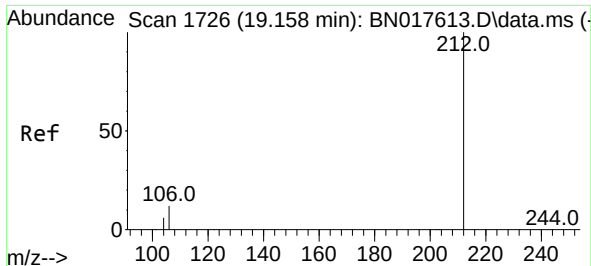
Tgt Ion:178 Resp: 192629
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 16.2 12.3 18.5



#26
Anthracene
Concen: 0.106 ng
RT: 17.226 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

Tgt Ion:178 Resp: 27728
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 25.7 12.2 18.4#

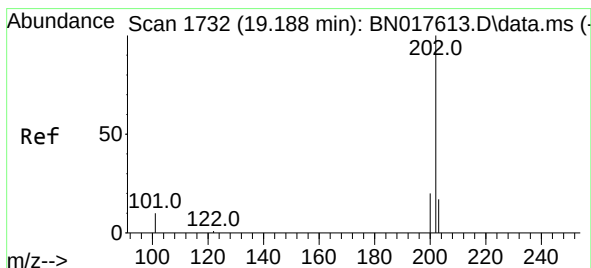
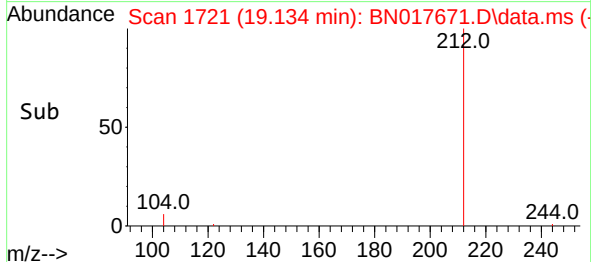
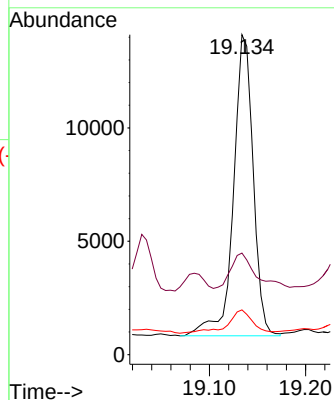
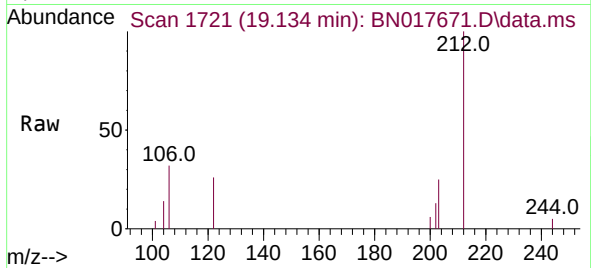




#27
Fluoranthene-d10
Concen: 0.054 ng
RT: 19.134 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

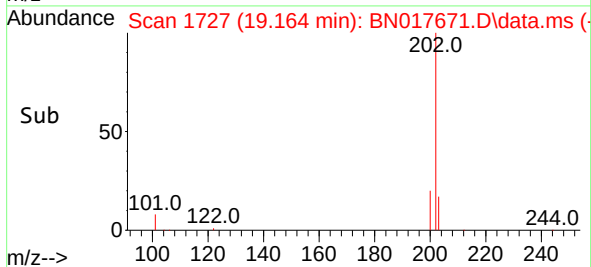
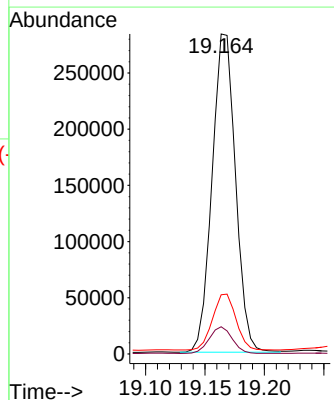
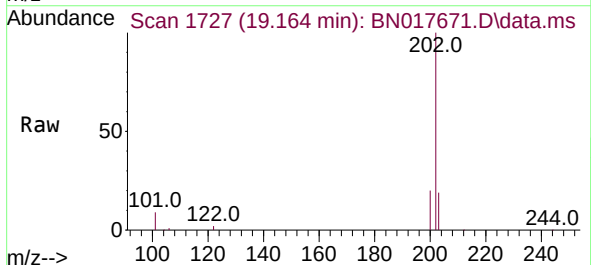
Instrument :
BNA_N
ClientSampleId :
SLAB-2

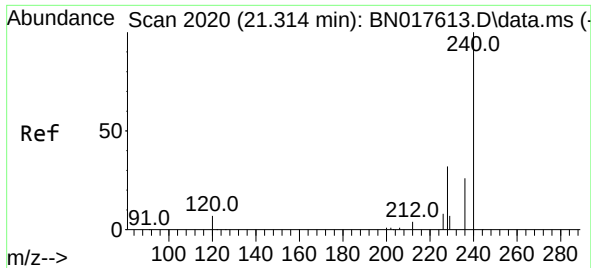
Tgt Ion:212 Resp: 18912
Ion Ratio Lower Upper
212 100
106 14.8 10.5 15.7
104 9.7 5.8 8.6#



#28
Fluoranthene
Concen: 1.124 ng
RT: 19.164 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

Tgt Ion:202 Resp: 389047
Ion Ratio Lower Upper
202 100
101 8.1 8.9 13.3#
203 17.4 13.8 20.6

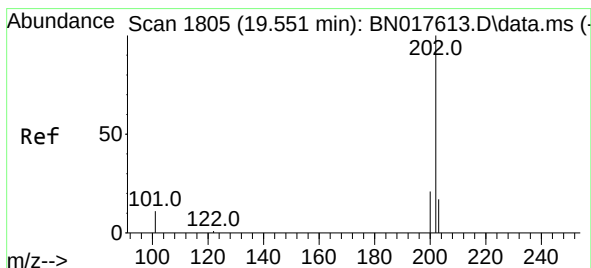
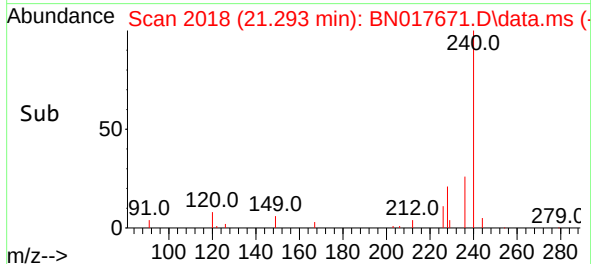
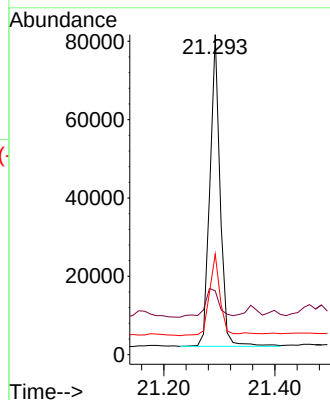
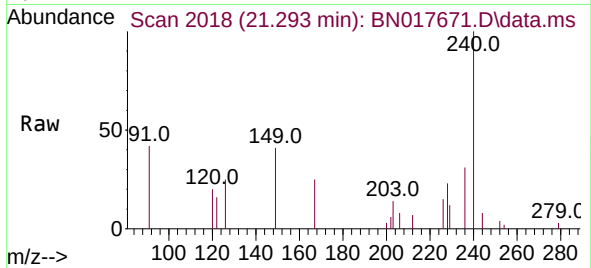




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 20
Delta R.T. 0.011 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

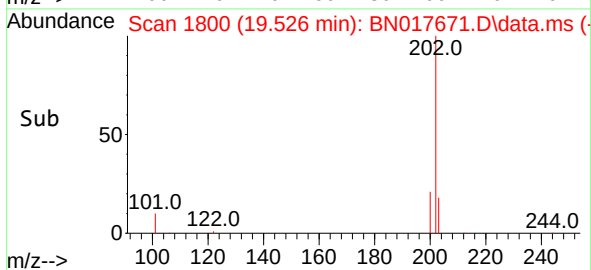
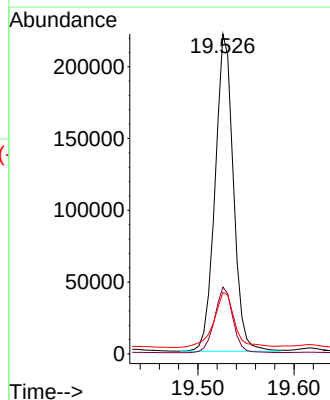
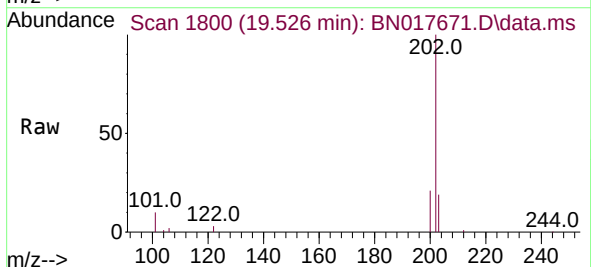
Instrument :
BNA_N
ClientSampleId :
SLAB-2

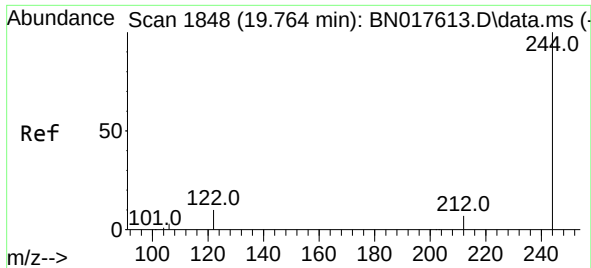
Tgt Ion:240 Resp: 102259
Ion Ratio Lower Upper
240 100
120 19.9 4.2 6.2#
236 31.4 20.0 30.0#



#30
Pyrene
Concen: 0.882 ng
RT: 19.526 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

Tgt Ion:202 Resp: 291306
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 20.0 14.0 21.0

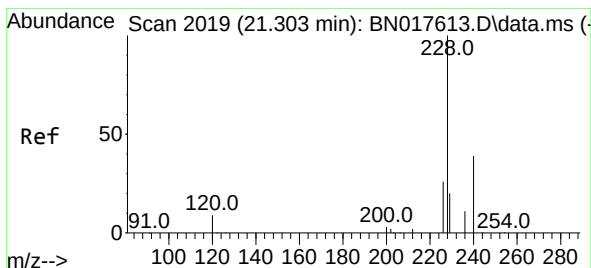
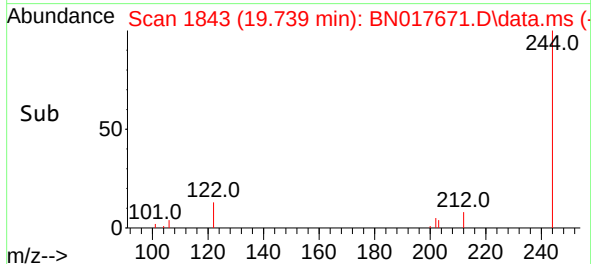
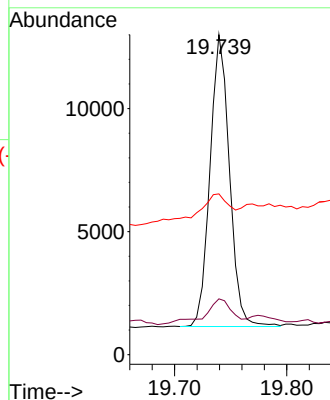
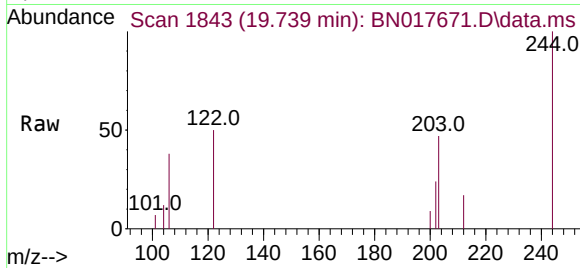




#31
 Terphenyl-d14
 Concen: 0.064 ng
 RT: 19.739 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017671.D
 Acq: 02 Dec 2021 05:15

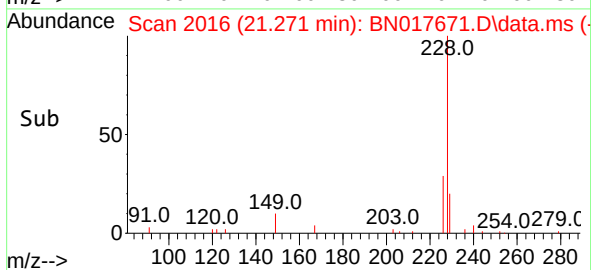
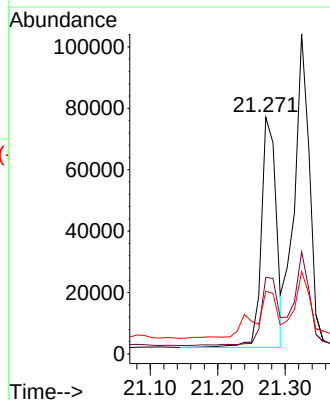
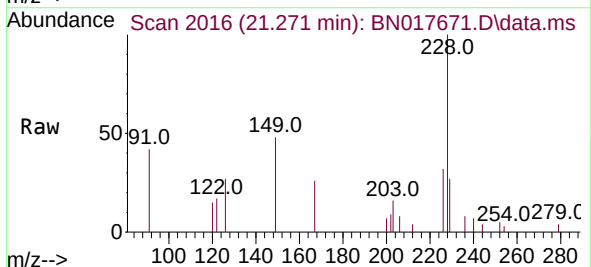
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-2

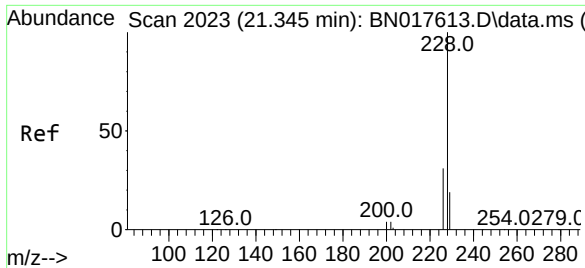
Tgt Ion:244 Resp: 14250
 Ion Ratio Lower Upper
 244 100
 212 17.5 5.7 8.5#
 122 50.2 8.6 13.0#



#32
 Benzo(a)anthracene
 Concen: 0.372 ng
 RT: 21.271 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: BN017671.D
 Acq: 02 Dec 2021 05:15

Tgt Ion:228 Resp: 115630
 Ion Ratio Lower Upper
 228 100
 226 32.4 21.3 31.9#
 229 26.5 15.7 23.5#





#33

Chrysene

Concen: 0.465 ng

RT: 21.324 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BN017671.D

Acq: 02 Dec 2021 05:15

Instrument :

BNA_N

ClientSampleId :

SLAB-2

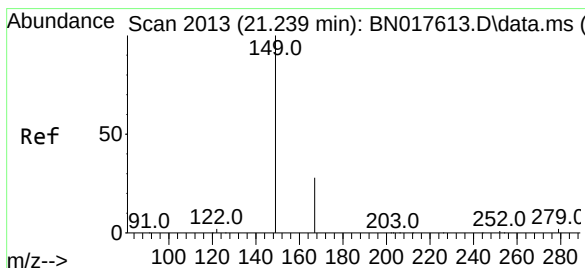
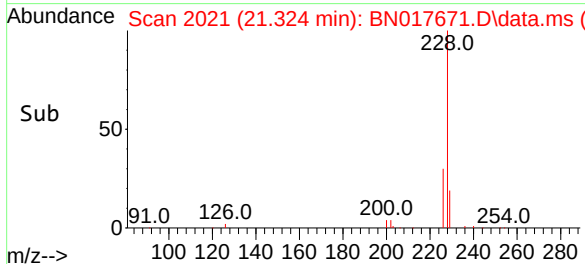
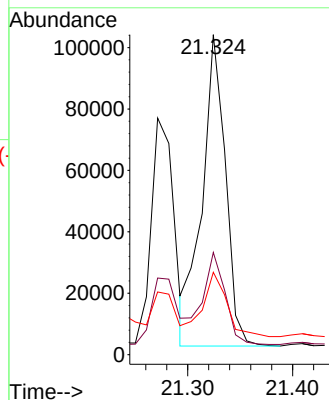
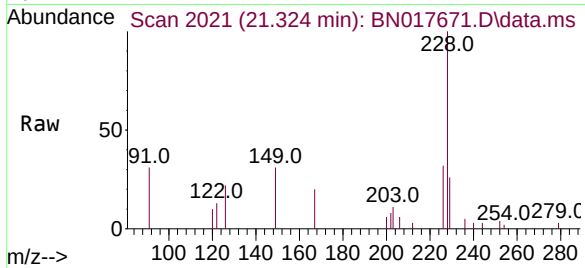
Tgt Ion:228 Resp: 156961

Ion Ratio Lower Upper

228 100

226 32.0 23.3 34.9

229 25.7 15.6 23.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 4.149 ng

RT: 21.218 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BN017671.D

Acq: 02 Dec 2021 05:15

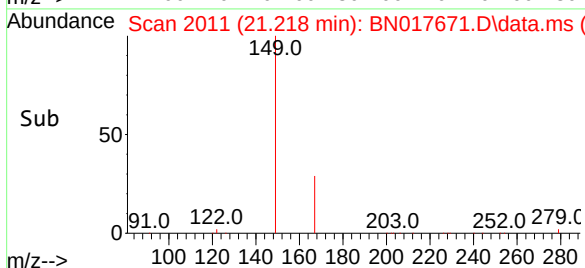
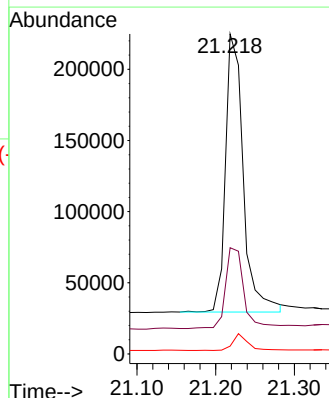
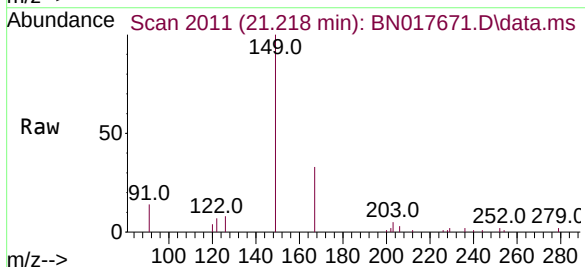
Tgt Ion:149 Resp: 305641

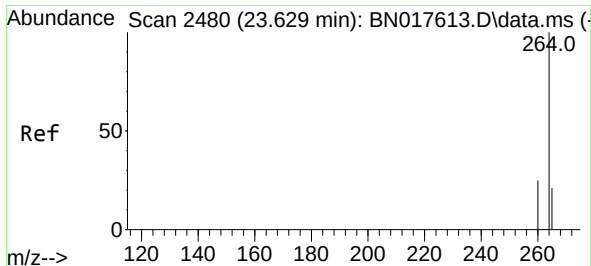
Ion Ratio Lower Upper

149 100

167 30.3 21.8 32.6

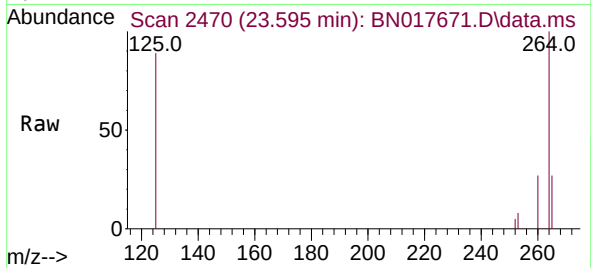
279 5.2 3.4 5.0#



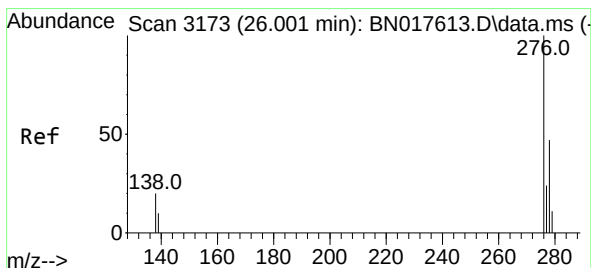
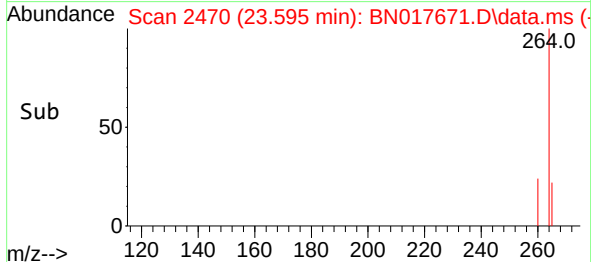
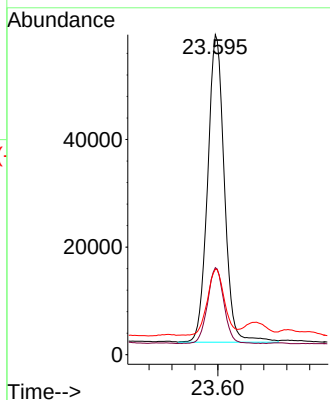


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.595 min Scan# 2480
 Delta R.T. 0.014 min
 Lab File: BN017671.D
 Acq: 02 Dec 2021 05:15

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-2

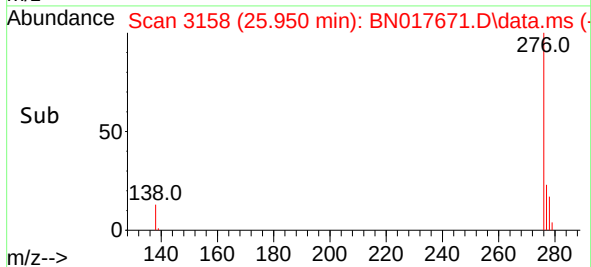
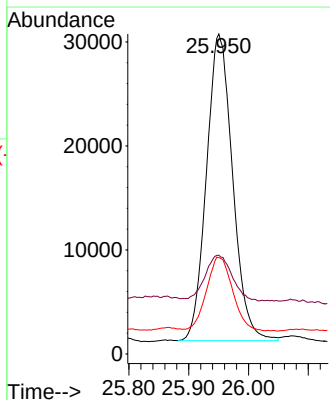
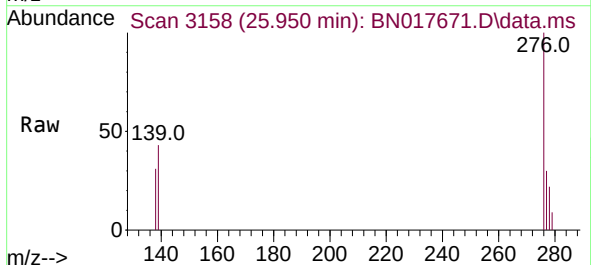


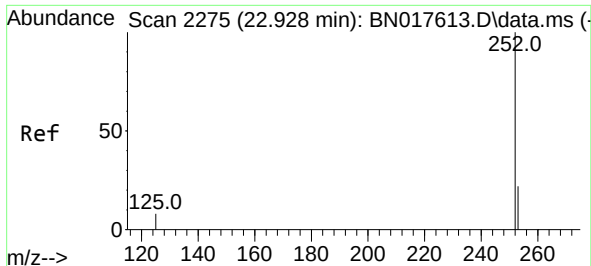
Tgt Ion:264 Resp: 115333
 Ion Ratio Lower Upper
 264 100
 260 27.2 19.4 29.2
 265 26.7 18.6 28.0



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.240 ng
 RT: 25.950 min Scan# 3158
 Delta R.T. 0.010 min
 Lab File: BN017671.D
 Acq: 02 Dec 2021 05:15

Tgt Ion:276 Resp: 89807
 Ion Ratio Lower Upper
 276 100
 138 15.1 19.7 29.5#
 277 24.0 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.578 ng

RT: 22.901 min Scan# 21

Delta R.T. 0.014 min

Lab File: BN017671.D

Acq: 02 Dec 2021 05:15

Instrument :

BNA_N

ClientSampleId :

SLAB-2

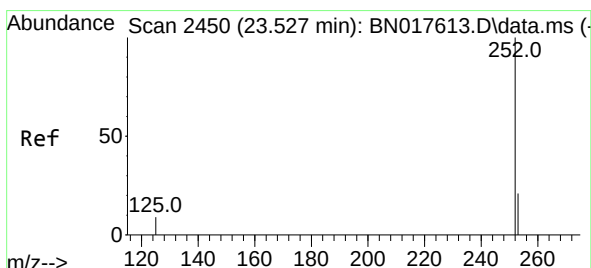
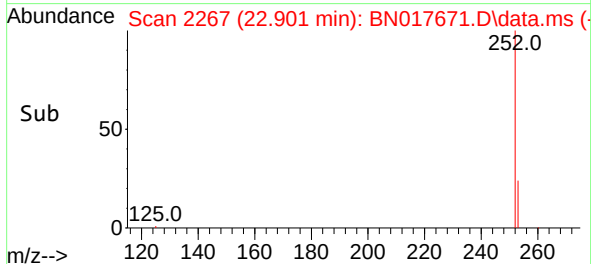
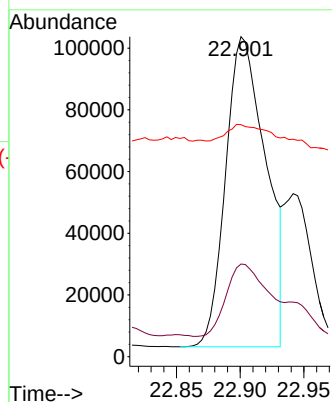
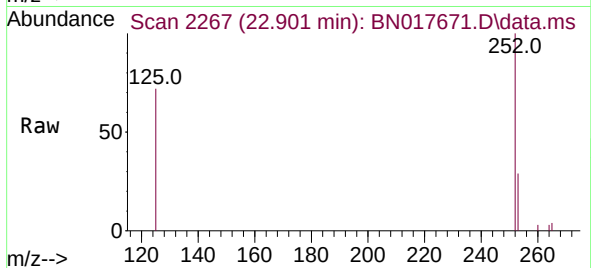
Tgt Ion:252 Resp: 221149

Ion Ratio Lower Upper

252 100

253 29.0 17.7 26.5#

125 72.5 7.8 11.8#



#39

Benzo(a)pyrene

Concen: 0.283 ng

RT: 23.493 min Scan# 2440

Delta R.T. 0.014 min

Lab File: BN017671.D

Acq: 02 Dec 2021 05:15

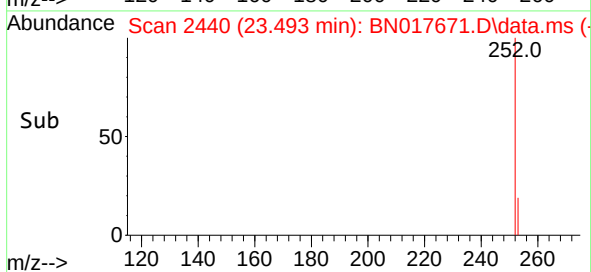
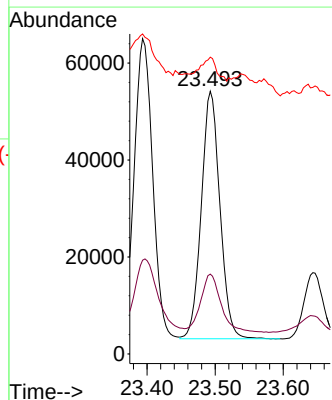
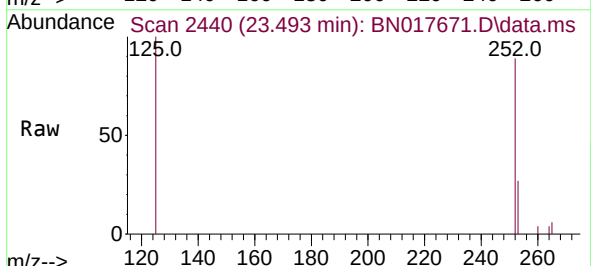
Tgt Ion:252 Resp: 97016

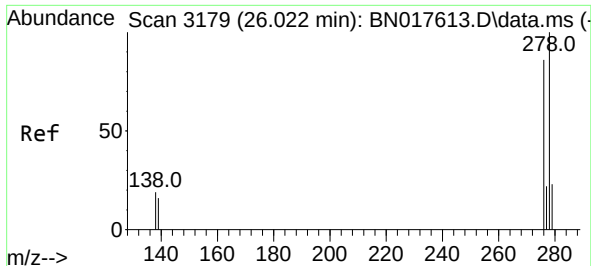
Ion Ratio Lower Upper

252 100

253 30.4 17.9 26.9#

125 113.0 9.2 13.8#

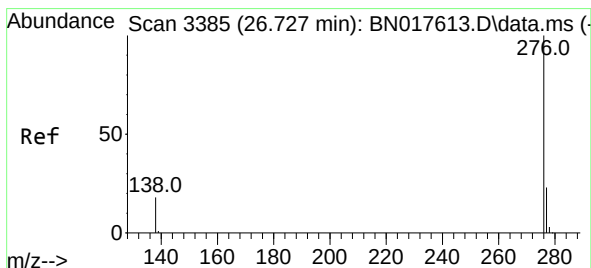
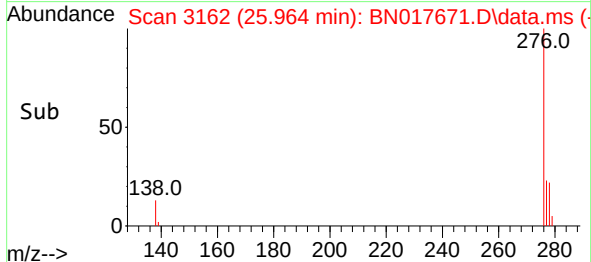
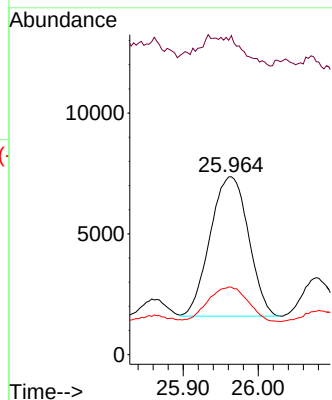
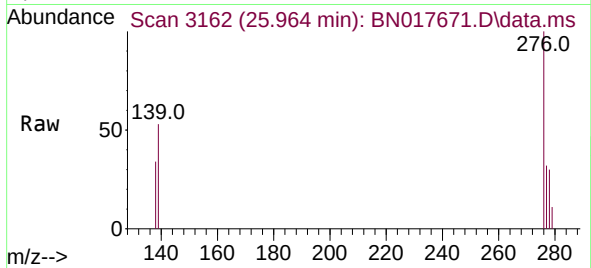




#40
Dibenzo(a,h)anthracene
Concen: 0.067 ng
RT: 25.964 min Scan# 3179
Delta R.T. 0.010 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

Instrument :
BNA_N
ClientSampleId :
SLAB-2

Tgt Ion:278 Resp: 20445
Ion Ratio Lower Upper
278 100
139 179.3 13.0 19.6#
279 38.0 19.2 28.8#



#41
Benzo(g,h,i)perylene
Concen: 0.276 ng
RT: 26.673 min Scan# 3369
Delta R.T. 0.017 min
Lab File: BN017671.D
Acq: 02 Dec 2021 05:15

Tgt Ion:276 Resp: 87042
Ion Ratio Lower Upper
276 100
277 29.6 19.0 28.4#
138 28.9 17.1 25.7#

