

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017673.D
 Acq On : 02 Dec 2021 06:27
 Operator : CG/JU
 Sample : M4895-06 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-6

Quant Time: Dec 02 06:57:37 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

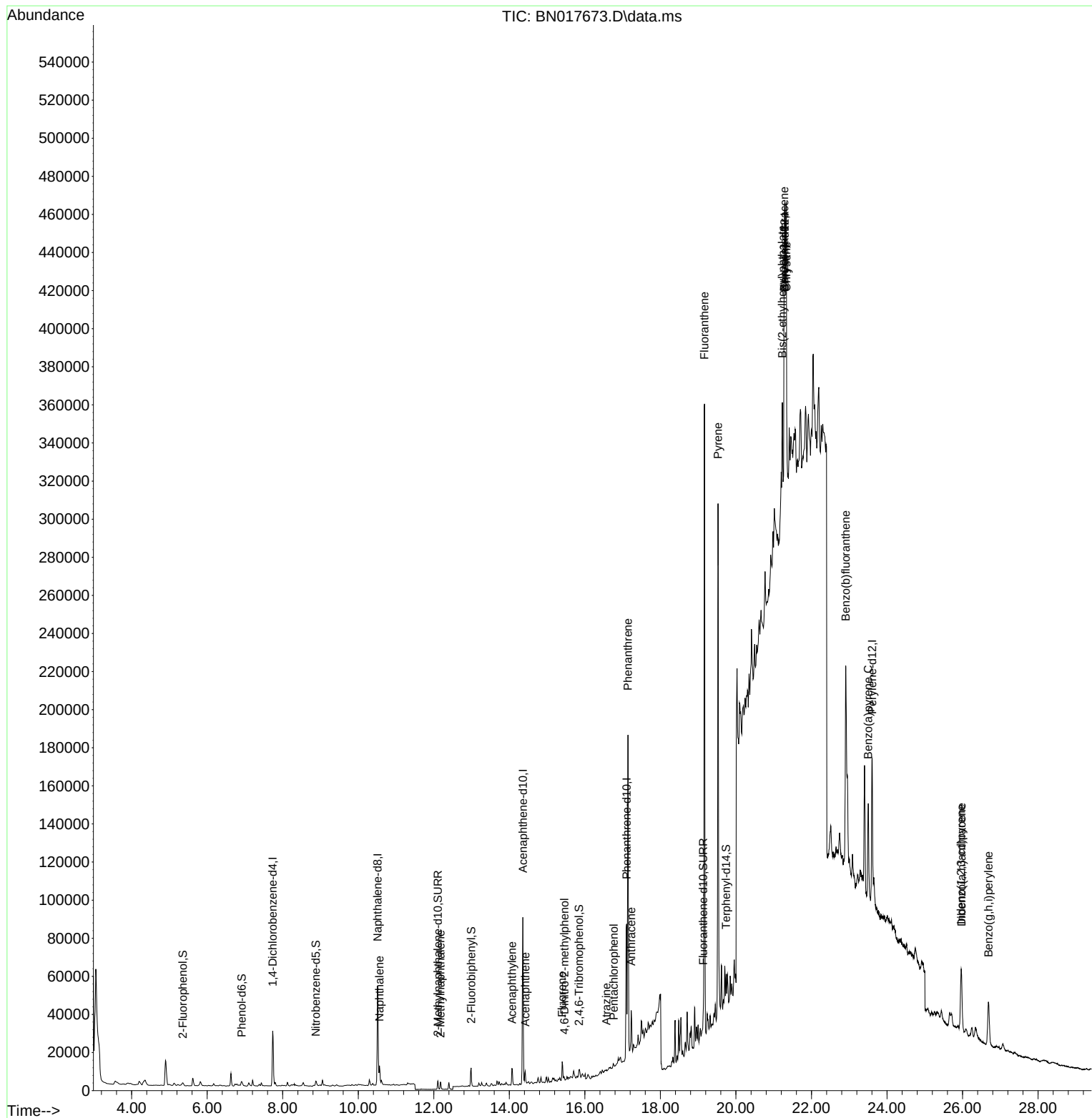
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	17852	0.400	ng	0.00
7) Naphthalene-d8	10.510	136	77156	0.400	ng	# 0.00
13) Acenaphthene-d10	14.359	164	52572	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	114187	0.400	ng	0.00
29) Chrysene-d12	21.293	240	103633	0.400	ng	# 0.01
35) Perylene-d12	23.606	264	104817	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	2184	0.054	ng	0.00
5) Phenol-d6	6.915	99	2363	0.055	ng	0.00
8) Nitrobenzene-d5	8.875	82	2414	0.074	ng	0.00
11) 2-Methylnaphthalene-d10	12.107	152	6597	0.049	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	1491	0.170	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	9543	0.047	ng	0.00
27) Fluoranthene-d10	19.134	212	17369	0.049	ng	0.00
31) Terphenyl-d14	19.740	244	14562	0.064	ng	0.00
Target Compounds						
9) Naphthalene	10.560	128	12476	0.064	ng	Qvalue 97
12) 2-Methylnaphthalene	12.178	142	2898	0.023	ng	# 93
16) Acenaphthylene	14.067	152	11004	0.054	ng	96
17) Acenaphthene	14.422	154	3393	0.024	ng	96
18) Fluorene	15.399	166	6448	0.037	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.463	198	26	0.061	ng	# 1
23) Atrazine	16.569	200	1012	0.149	ng	# 1
24) Pentachlorophenol	16.763	266	258	0.199	ng	# 74
25) Phenanthrene	17.141	178	171975	0.549	ng	98
26) Anthracene	17.226	178	25284	0.094	ng	# 91
28) Fluoranthene	19.169	202	315666	0.891	ng	# 96
30) Pyrene	19.526	202	256146	0.766	ng	# 93
32) Benzo(a)anthracene	21.282	228	109425	0.348	ng	# 74
33) Chrysene	21.335	228	202871	0.592	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.229	149	73534	0.985	ng	93
36) Indeno(1,2,3-cd)pyrene	25.964	276	55797	0.164	ng	# 91
37) Benzo(b)fluoranthene	22.907	252	175435	0.505	ng	# 1
39) Benzo(a)pyrene	23.503	252	77779	0.250	ng	# 1
40) Dibenzo(a,h)anthracene	25.971	278	14667	0.053	ng	# 1
41) Benzo(g,h,i)perylene	26.686	276	52246	0.183	ng	# 62

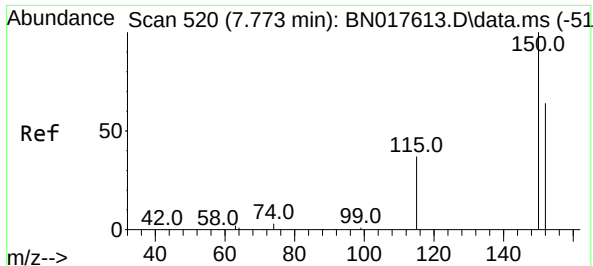
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
Data File : BN017673.D
Acq On : 02 Dec 2021 06:27
Operator : CG/JU
Sample : M4895-06 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLAB-6

Quant Time: Dec 02 06:57:37 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

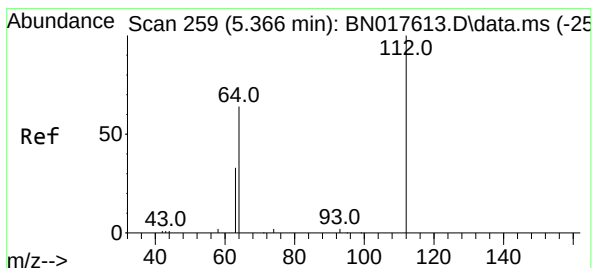
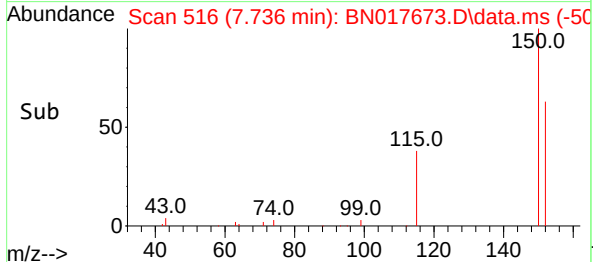
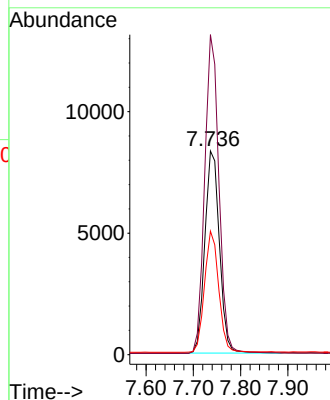
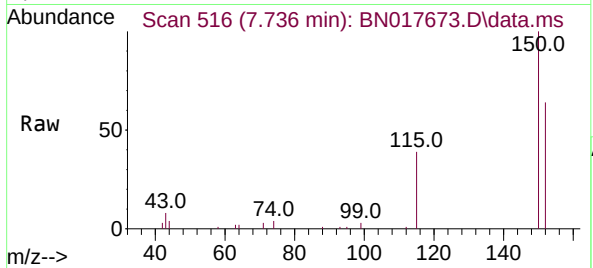




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.736 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

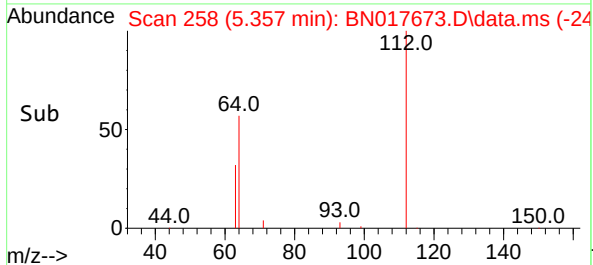
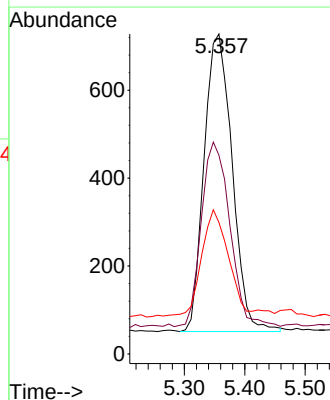
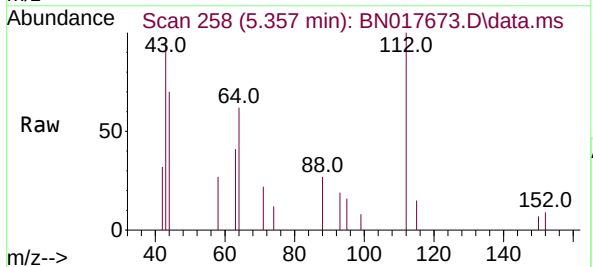
Instrument :
BNA_N
ClientSampleId :
SLAB-6

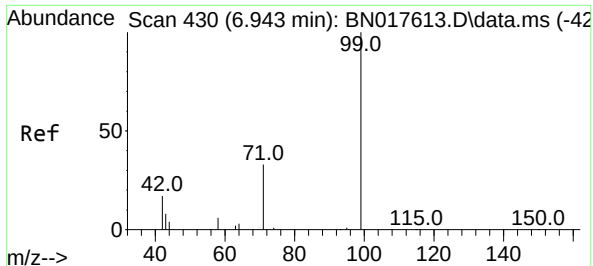
Tgt Ion:152 Resp: 17852
Ion Ratio Lower Upper
152 100
150 157.1 123.0 184.4
115 60.6 45.6 68.4



#4
2-Fluorophenol
Concen: 0.054 ng
RT: 5.357 min Scan# 258
Delta R.T. 0.009 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

Tgt Ion:112 Resp: 2184
Ion Ratio Lower Upper
112 100
64 63.0 47.6 71.4
63 34.0 24.6 37.0

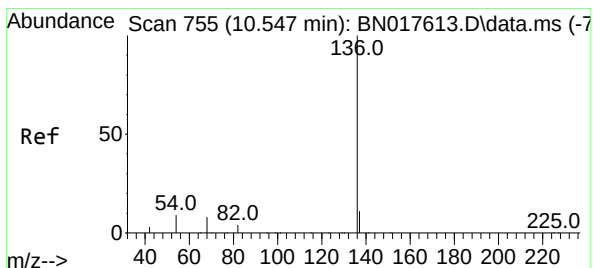
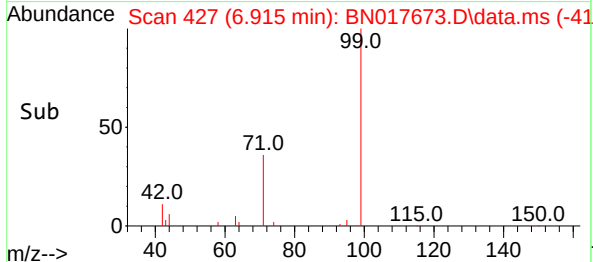
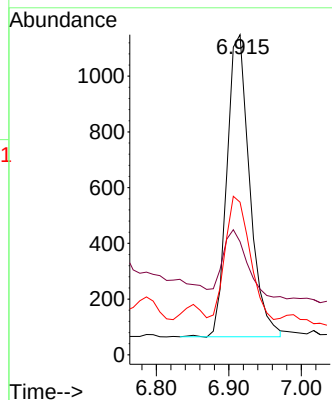
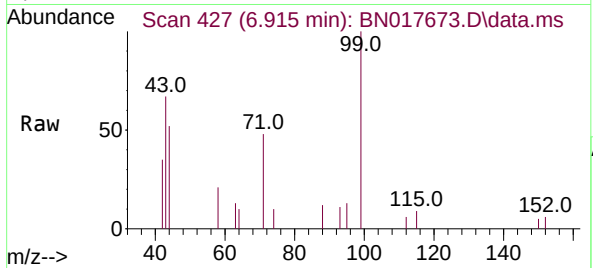




#5
Phenol-d6
Concen: 0.055 ng
RT: 6.915 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

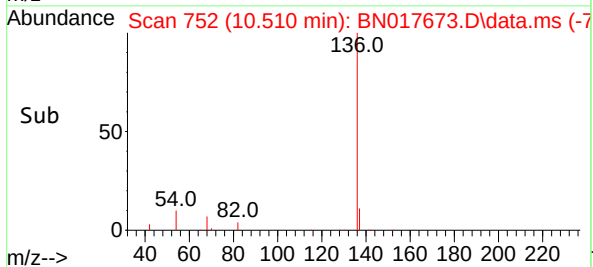
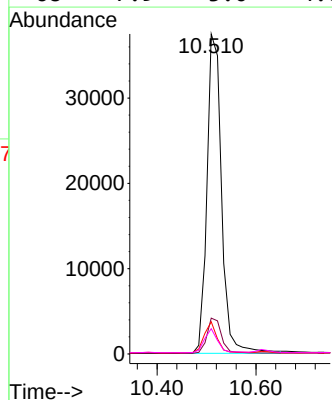
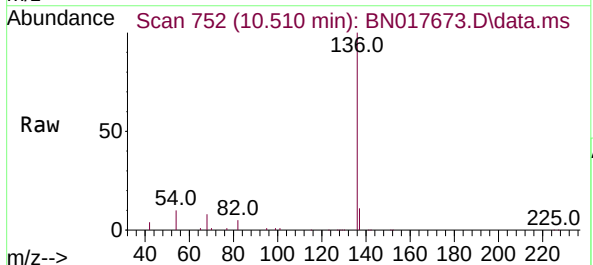
Instrument :
BNA_N
ClientSampleId :
SLAB-6

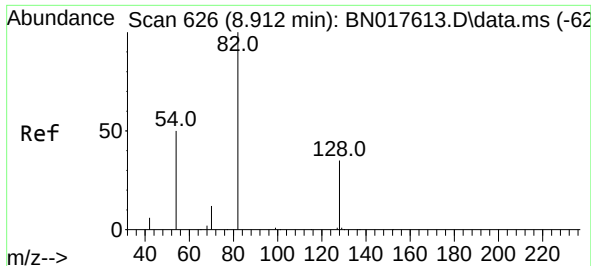
Tgt Ion: 99 Resp: 2363
Ion Ratio Lower Upper
99 100
42 23.5 17.0 25.6
71 43.7 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

Tgt Ion: 136 Resp: 77156
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.0 4.0 6.0#
68 7.9 3.0 4.6#

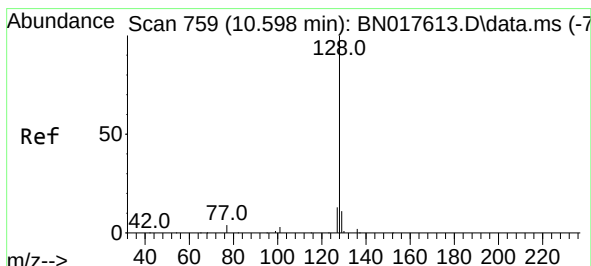
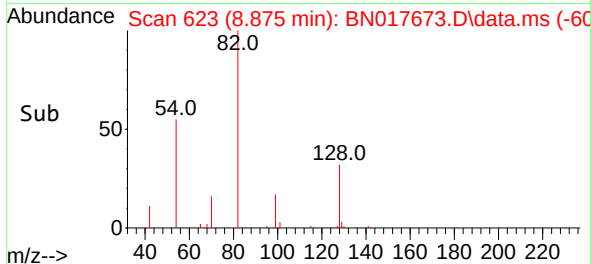
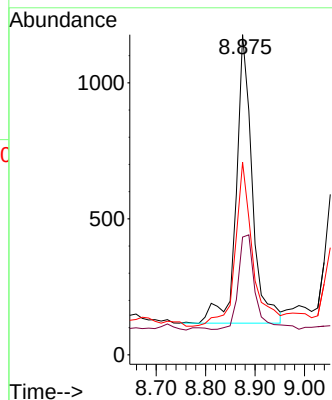
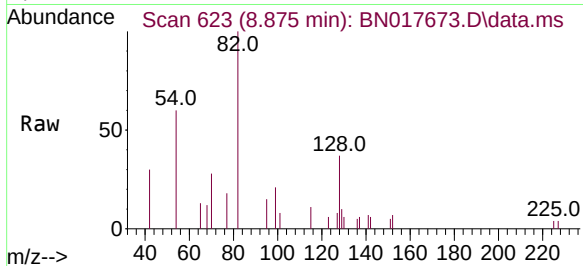




#8
Nitrobenzene-d5
Concen: 0.074 ng
RT: 8.875 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

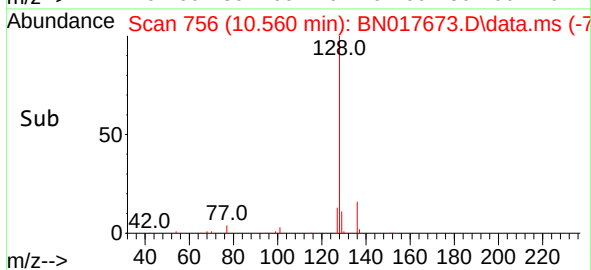
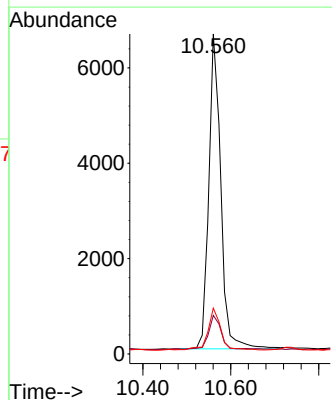
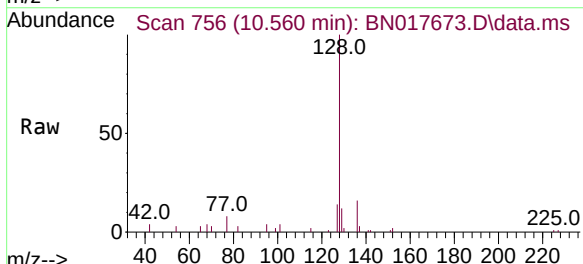
Instrument :
BNA_N
ClientSampleId :
SLAB-6

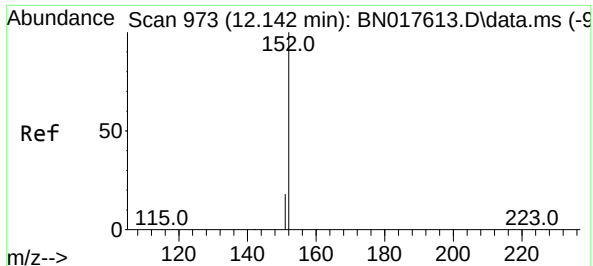
Tgt Ion: 82 Resp: 2414
Ion Ratio Lower Upper
82 100
128 36.8 27.7 41.5
54 60.2 49.2 73.8



#9
Naphthalene
Concen: 0.064 ng
RT: 10.560 min Scan# 756
Delta R.T. 0.000 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

Tgt Ion: 128 Resp: 12476
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 14.3 10.6 15.8





#11

2-Methylnaphthalene-d10

Concen: 0.049 ng

RT: 12.107 min Scan# 9

Delta R.T. 0.000 min

Lab File: BN017673.D

Acq: 02 Dec 2021 06:27

Instrument :

BNA_N

ClientSampleId :

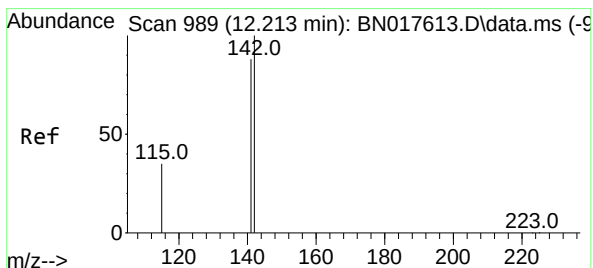
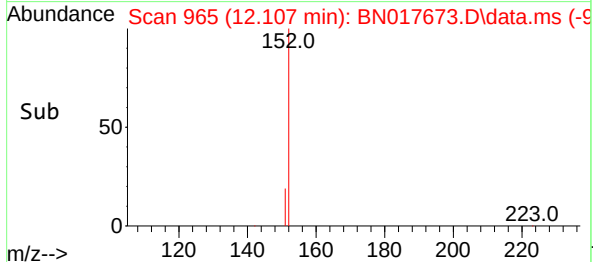
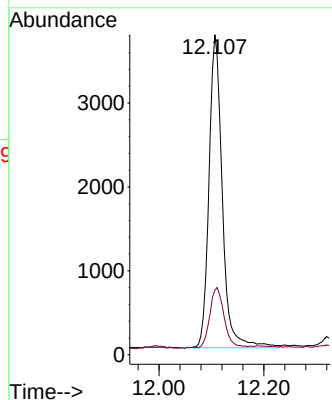
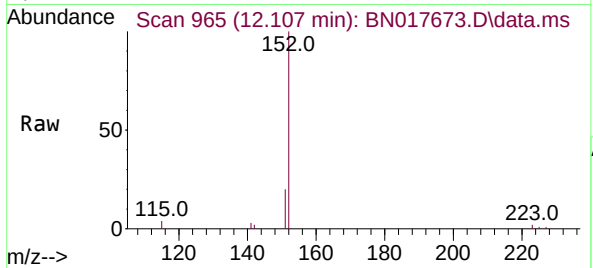
SLAB-6

Tgt Ion:152 Resp: 6597

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.023 ng

RT: 12.178 min Scan# 981

Delta R.T. -0.004 min

Lab File: BN017673.D

Acq: 02 Dec 2021 06:27

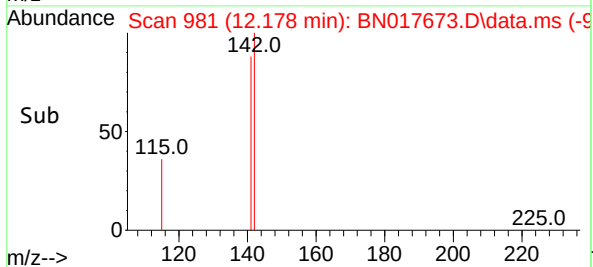
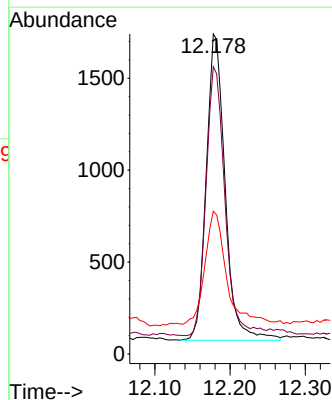
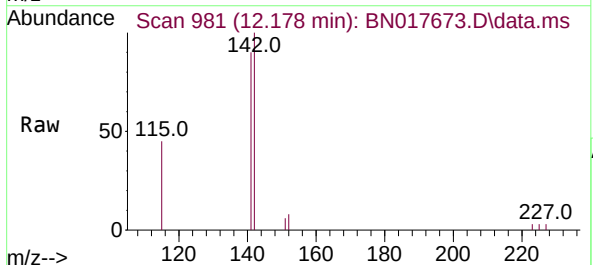
Tgt Ion:142 Resp: 2898

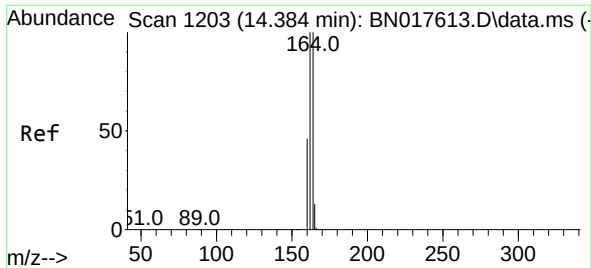
Ion Ratio Lower Upper

142 100

141 89.8 70.6 106.0

115 44.6 25.8 38.6#

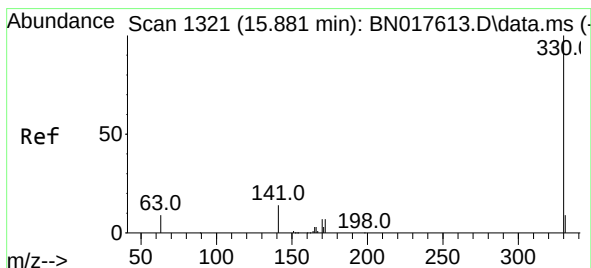
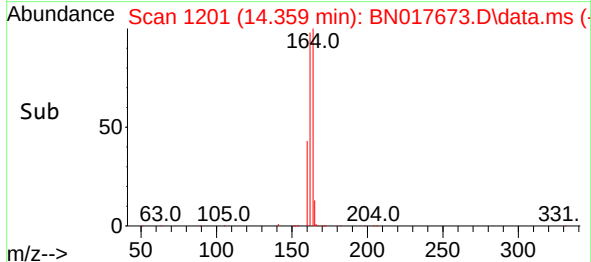
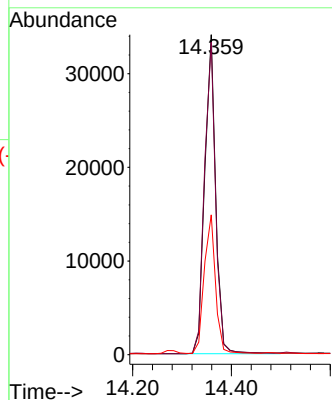
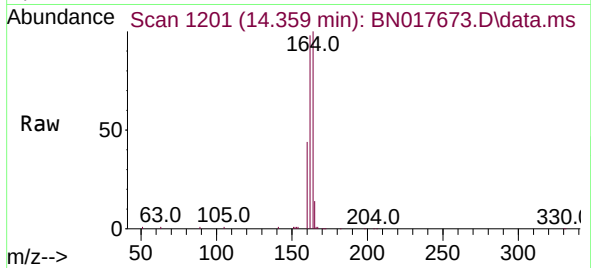




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

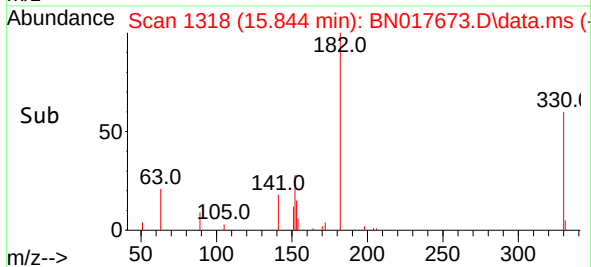
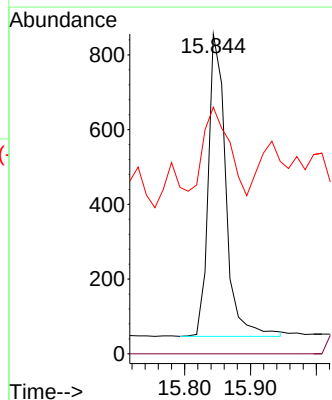
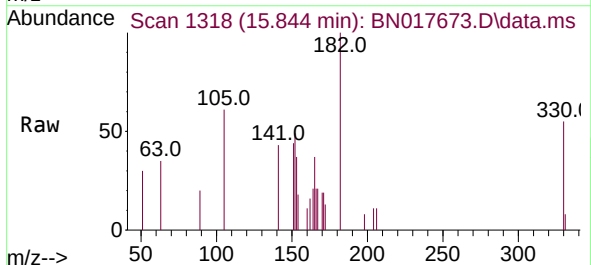
Instrument :
BNA_N
ClientSampleId :
SLAB-6

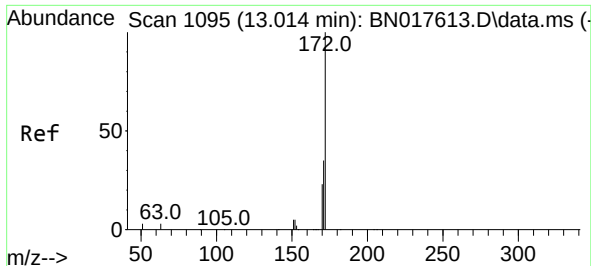
Tgt Ion:164 Resp: 52572
Ion Ratio Lower Upper
164 100
162 97.6 81.4 122.2
160 43.7 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.170 ng
RT: 15.844 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

Tgt Ion:330 Resp: 1491
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.8 28.9 43.3

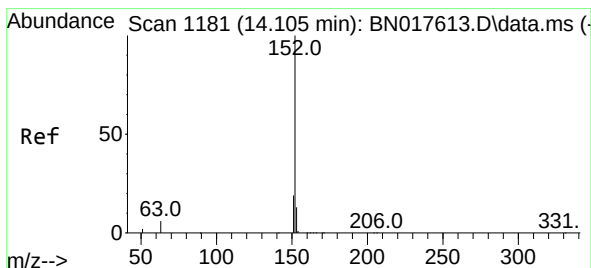
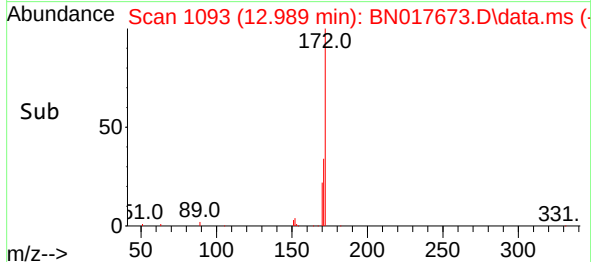
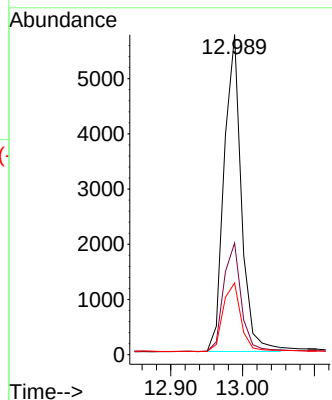
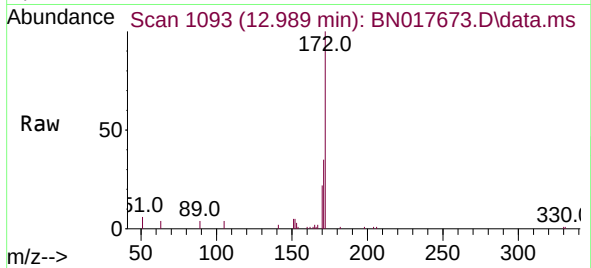




#15
2-Fluorobiphenyl
Concen: 0.047 ng
RT: 12.989 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

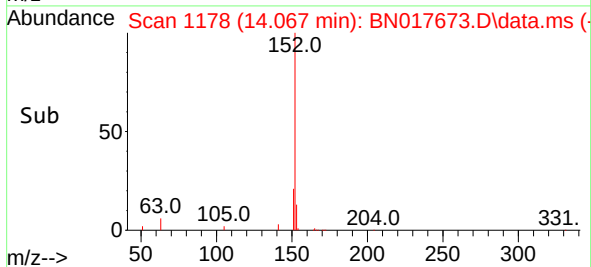
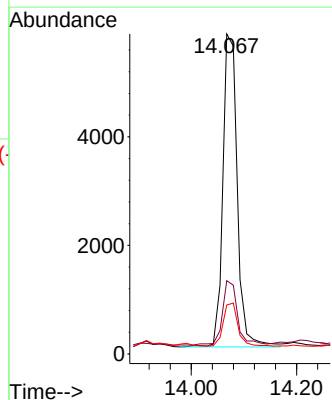
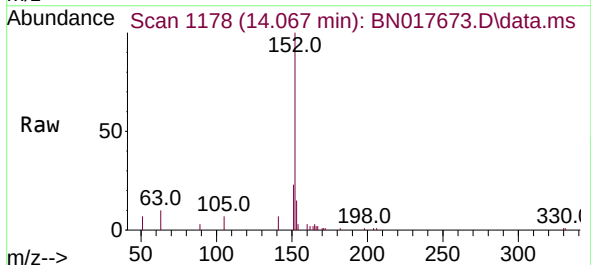
Instrument :
BNA_N
ClientSampleId :
SLAB-6

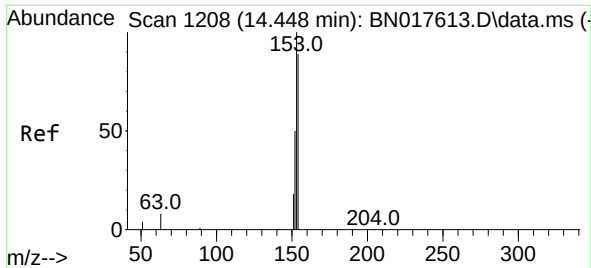
Tgt Ion:172 Resp: 9543
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 22.4 19.4 29.2



#16
Acenaphthylene
Concen: 0.054 ng
RT: 14.067 min Scan# 1178
Delta R.T. -0.013 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

Tgt Ion:152 Resp: 11004
Ion Ratio Lower Upper
152 100
151 21.3 15.5 23.3
153 14.0 10.4 15.6

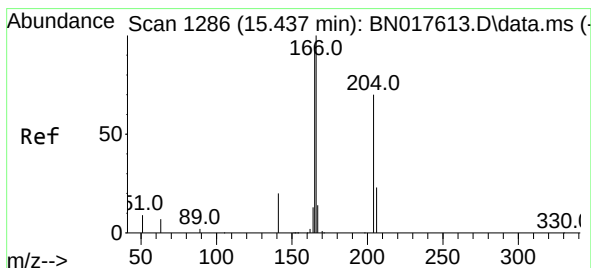
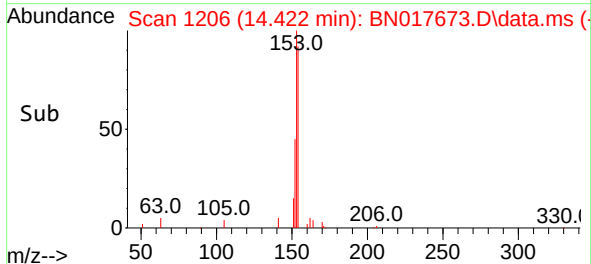
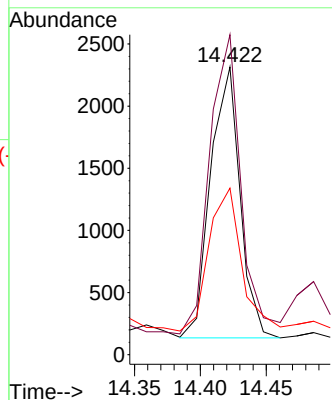
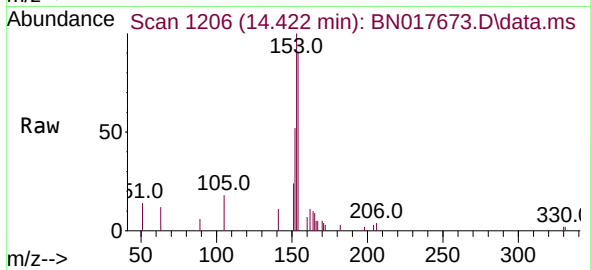




#17
Acenaphthene
Concen: 0.024 ng
RT: 14.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

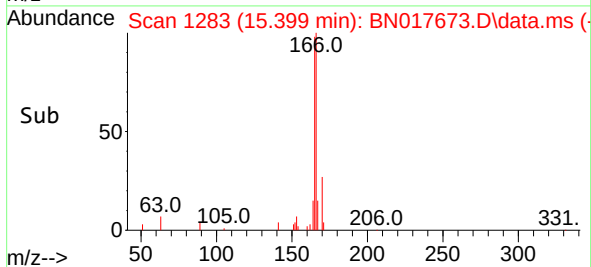
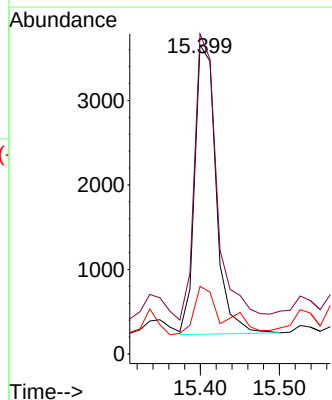
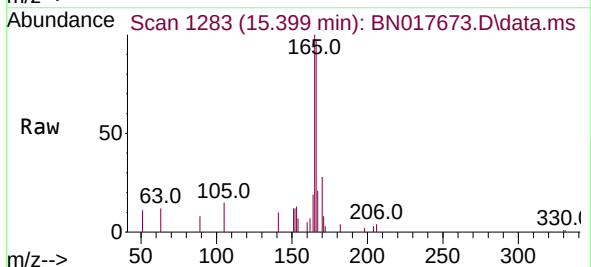
Instrument :
BNA_N
ClientSampleId :
SLAB-6

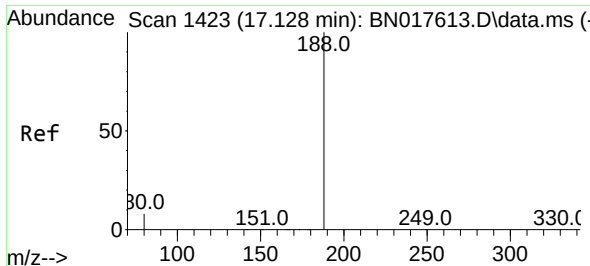
Tgt Ion:154 Resp: 3393
Ion Ratio Lower Upper
154 100
153 114.5 91.2 136.8
152 64.0 44.3 66.5



#18
Fluorene
Concen: 0.037 ng
RT: 15.399 min Scan# 1283
Delta R.T. -0.013 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

Tgt Ion:166 Resp: 6448
Ion Ratio Lower Upper
166 100
165 103.6 77.9 116.9
167 23.0 10.9 16.3#

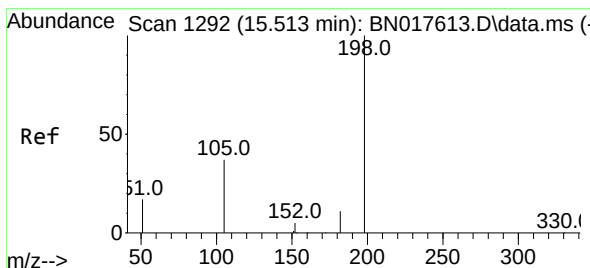
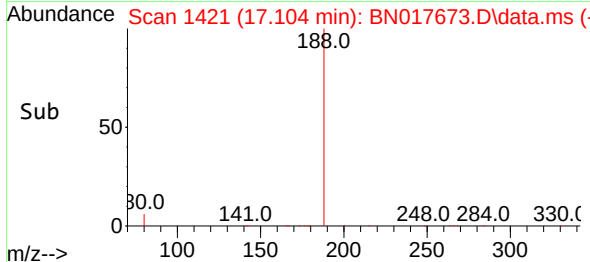
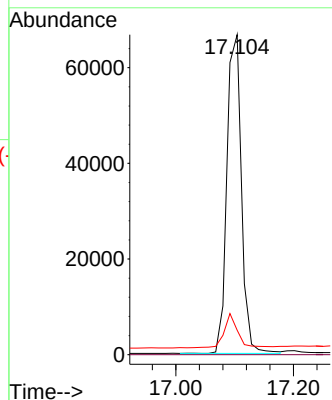
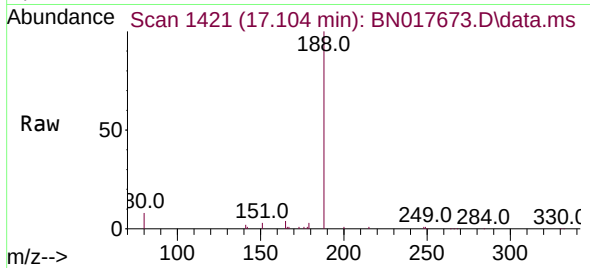




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

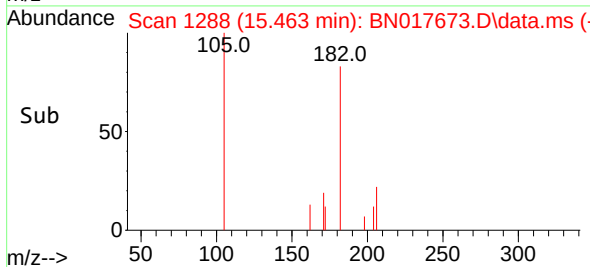
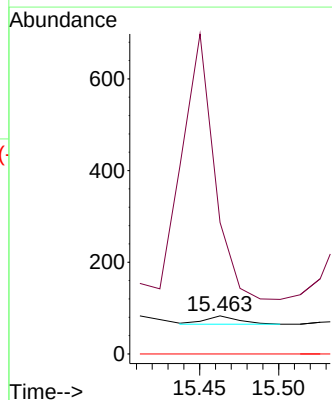
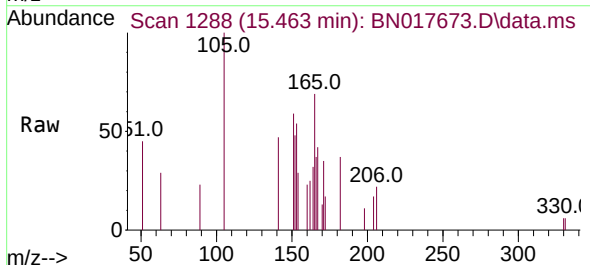
Instrument :
BNA_N
ClientSampleId :
SLAB-6

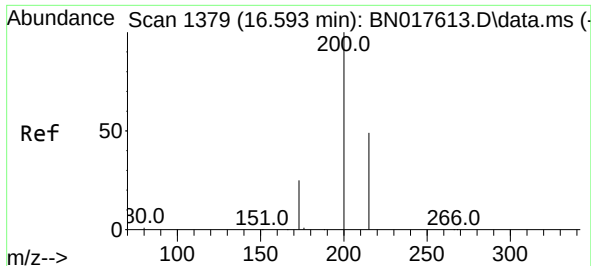
Tgt Ion:188 Resp: 114187
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.061 ng
RT: 15.463 min Scan# 1288
Delta R.T. -0.025 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
182 345.8 11.4 17.2#
77 0.0 0.0 0.0

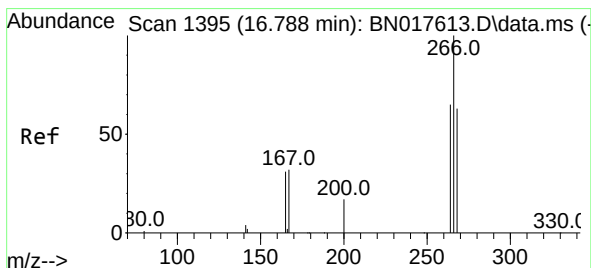
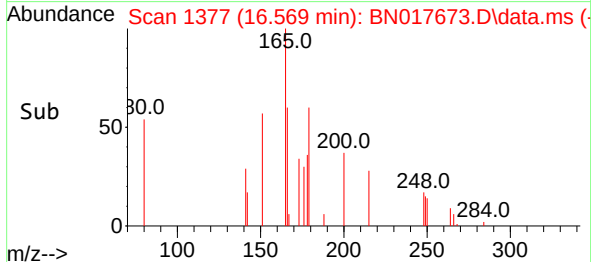
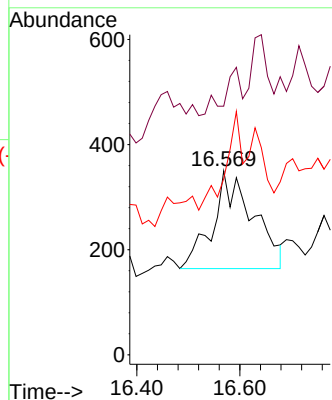
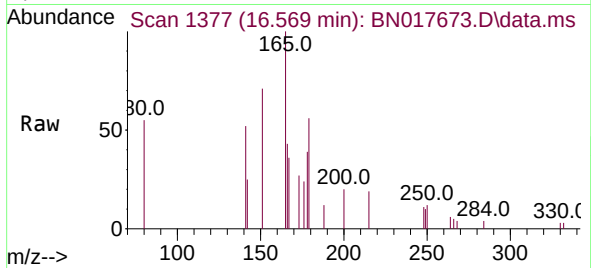




#23
 Atrazine
 Concen: 0.149 ng
 RT: 16.569 min Scan# 1377
 Delta R.T. 0.000 min
 Lab File: BN017673.D
 Acq: 02 Dec 2021 06:27

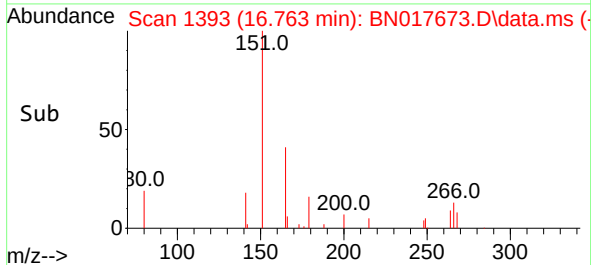
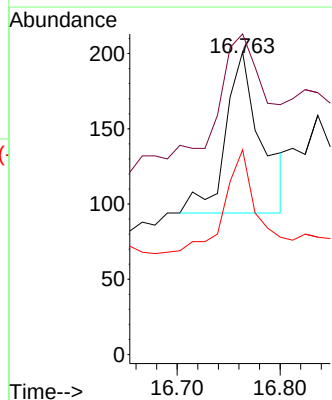
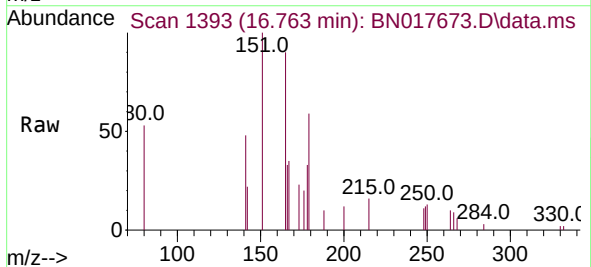
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-6

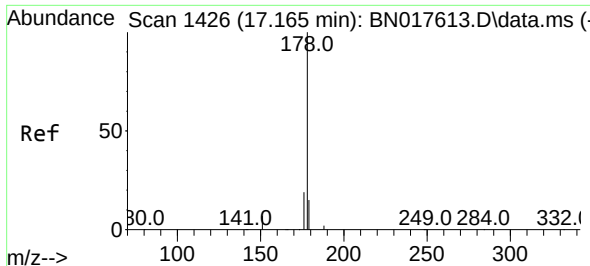
Tgt Ion:200 Resp: 1012
 Ion Ratio Lower Upper
 200 100
 173 135.1 17.6 26.4#
 215 95.7 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.199 ng
 RT: 16.763 min Scan# 1393
 Delta R.T. 0.000 min
 Lab File: BN017673.D
 Acq: 02 Dec 2021 06:27

Tgt Ion:266 Resp: 258
 Ion Ratio Lower Upper
 266 100
 264 96.9 49.8 74.8#
 268 57.4 51.3 76.9

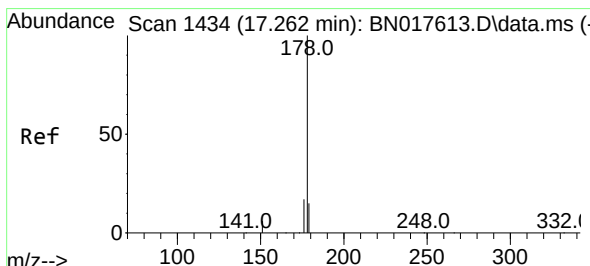
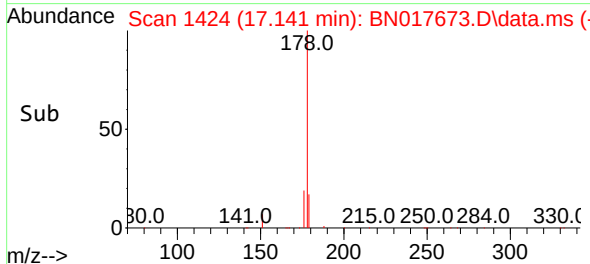
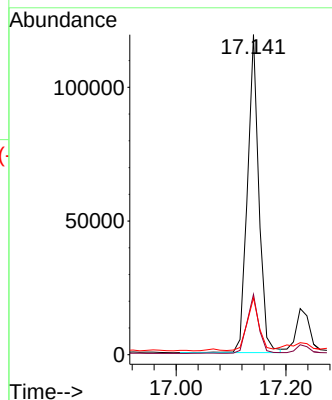
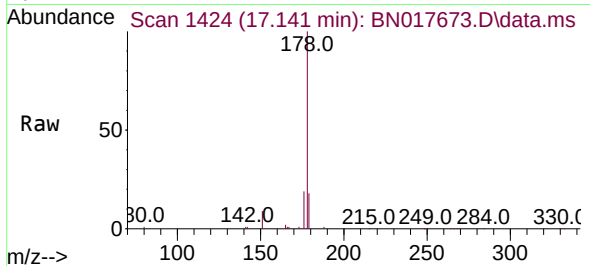




#25
Phenanthrene
Concen: 0.549 ng
RT: 17.141 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

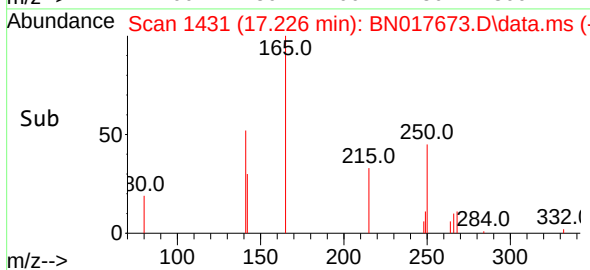
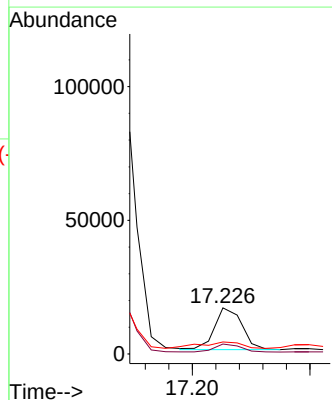
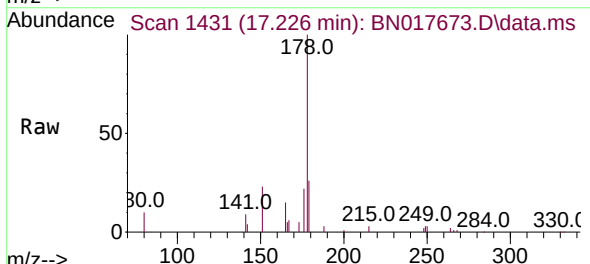
Instrument :
BNA_N
ClientSampleId :
SLAB-6

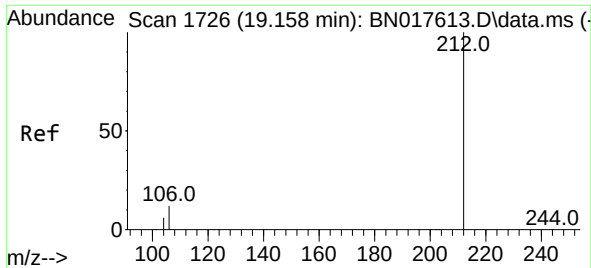
Tgt Ion:178 Resp: 171975
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 17.1 12.3 18.5



#26
Anthracene
Concen: 0.094 ng
RT: 17.226 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

Tgt Ion:178 Resp: 25284
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 23.2 12.2 18.4#

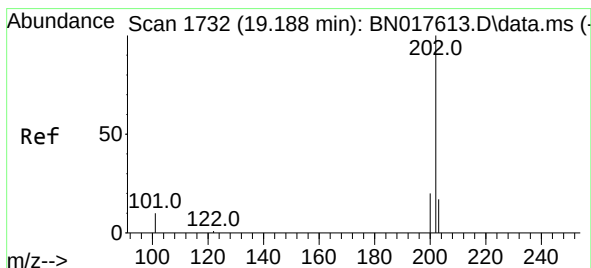
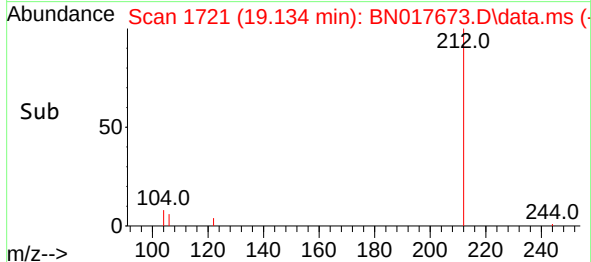
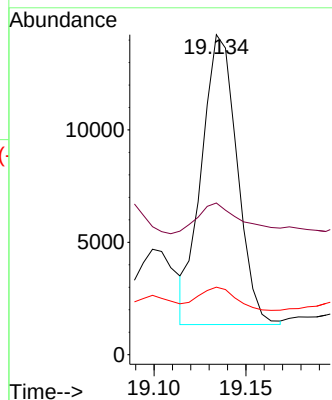
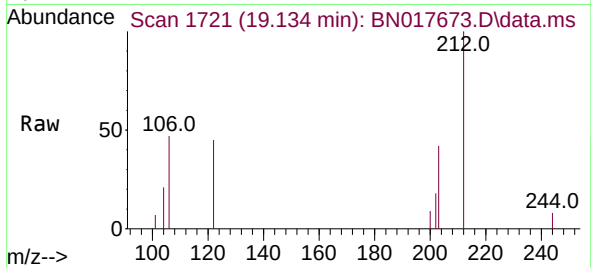




#27
Fluoranthene-d10
Concen: 0.049 ng
RT: 19.134 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

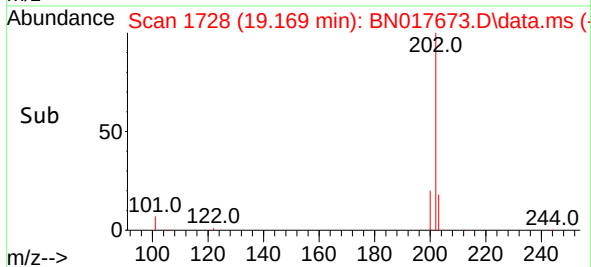
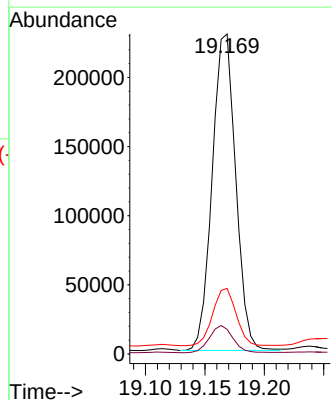
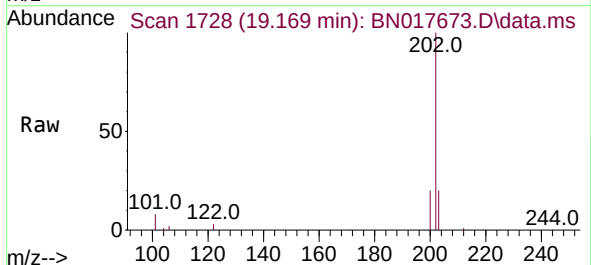
Instrument :
BNA_N
ClientSampleId :
SLAB-6

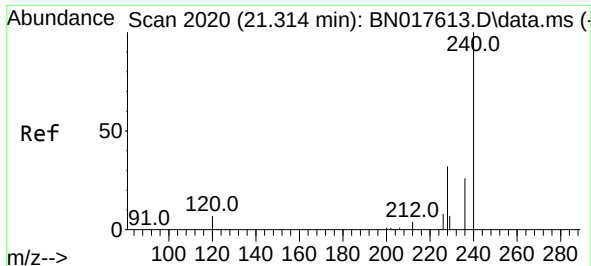
Tgt Ion:212 Resp: 17369
Ion Ratio Lower Upper
212 100
106 14.6 10.5 15.7
104 8.3 5.8 8.6



#28
Fluoranthene
Concen: 0.891 ng
RT: 19.169 min Scan# 1728
Delta R.T. 0.005 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

Tgt Ion:202 Resp: 315666
Ion Ratio Lower Upper
202 100
101 8.5 8.9 13.3#
203 17.9 13.8 20.6

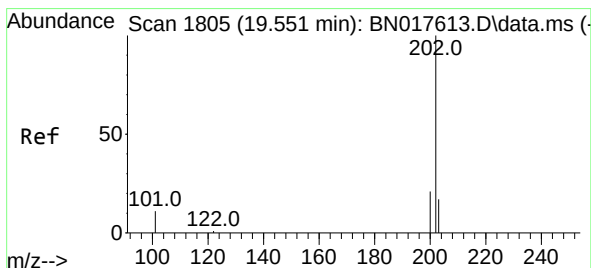
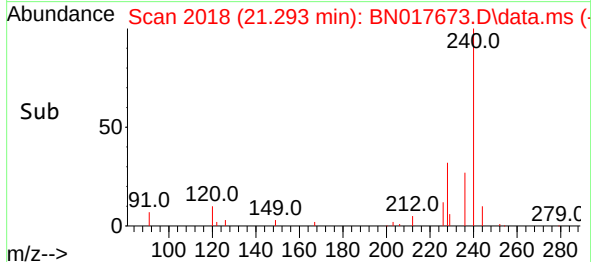
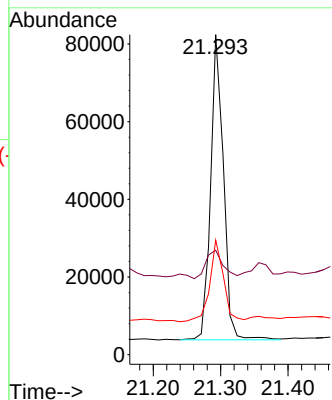
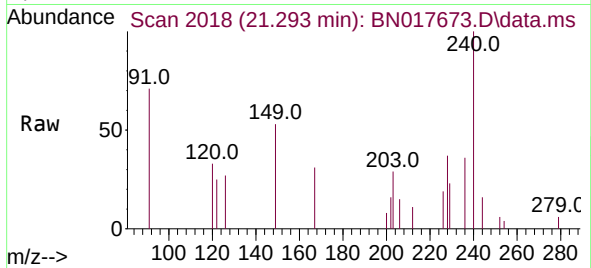




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 20
Delta R.T. 0.011 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

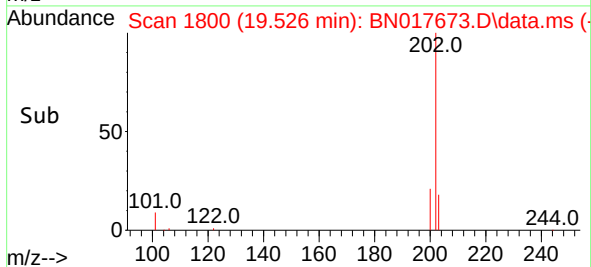
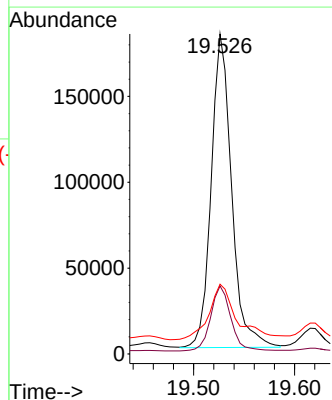
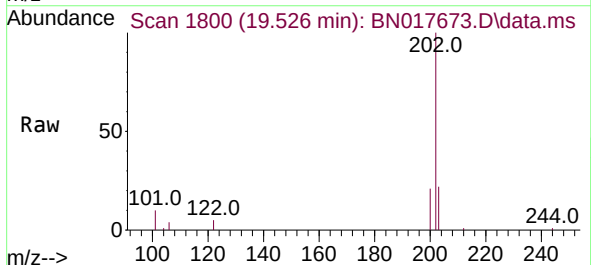
Instrument :
BNA_N
ClientSampleId :
SLAB-6

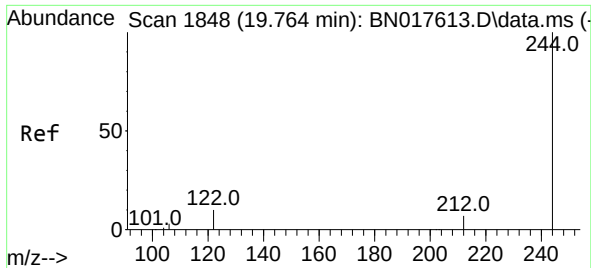
Tgt Ion:240 Resp: 103633
Ion Ratio Lower Upper
240 100
120 32.7 4.2 6.2#
236 35.8 20.0 30.0#



#30
Pyrene
Concen: 0.766 ng
RT: 19.526 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

Tgt Ion:202 Resp: 256146
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 24.5 14.0 21.0#

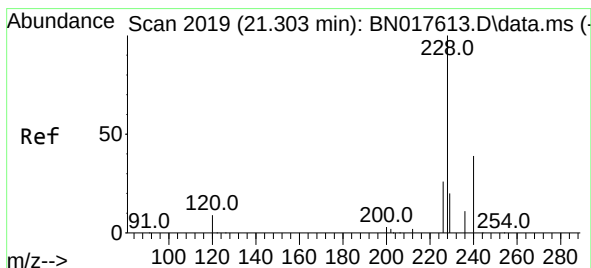
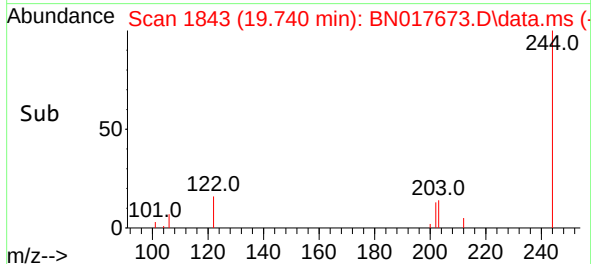
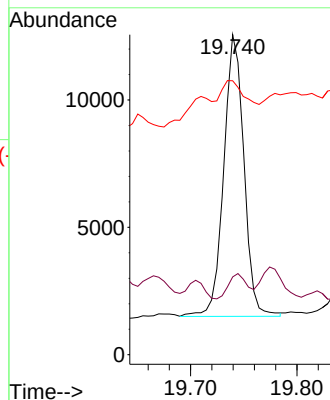
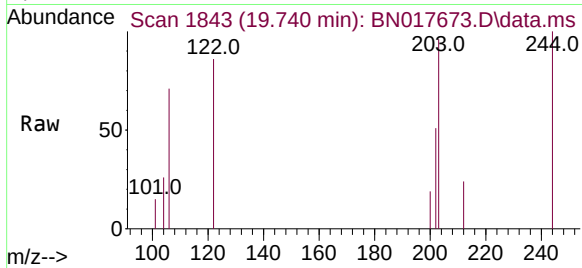




#31
 Terphenyl-d14
 Concen: 0.064 ng
 RT: 19.740 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017673.D
 Acq: 02 Dec 2021 06:27

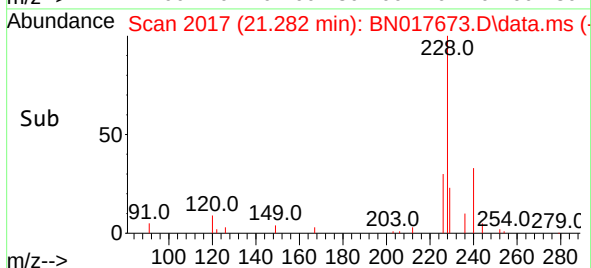
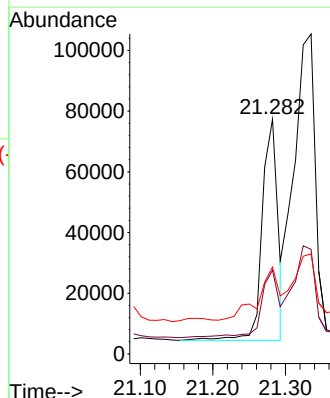
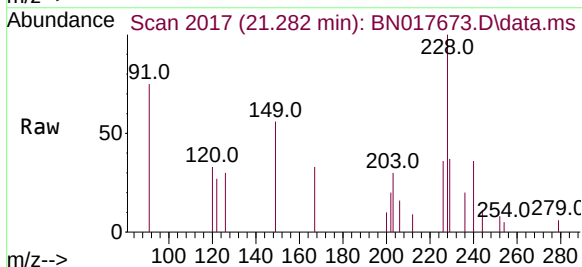
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-6

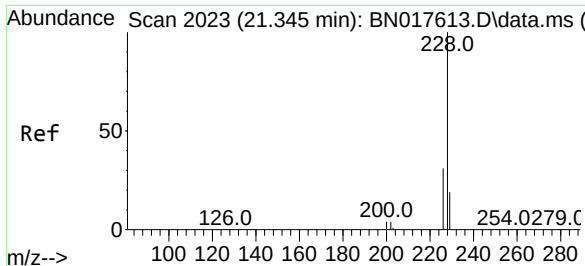
Tgt Ion:244 Resp: 14562
 Ion Ratio Lower Upper
 244 100
 212 24.3 5.7 8.5#
 122 85.6 8.6 13.0#



#32
 Benzo(a)anthracene
 Concen: 0.348 ng
 RT: 21.282 min Scan# 2017
 Delta R.T. 0.011 min
 Lab File: BN017673.D
 Acq: 02 Dec 2021 06:27

Tgt Ion:228 Resp: 109425
 Ion Ratio Lower Upper
 228 100
 226 35.6 21.3 31.9#
 229 37.0 15.7 23.5#

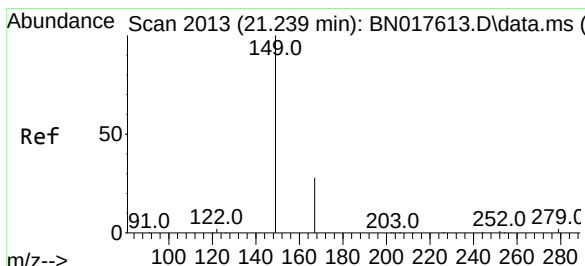
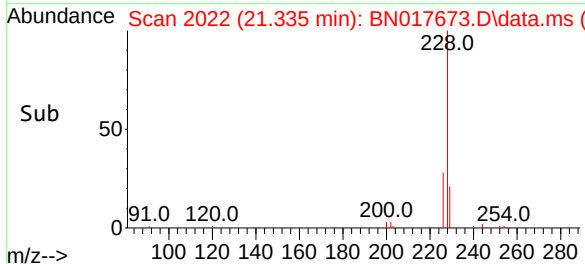
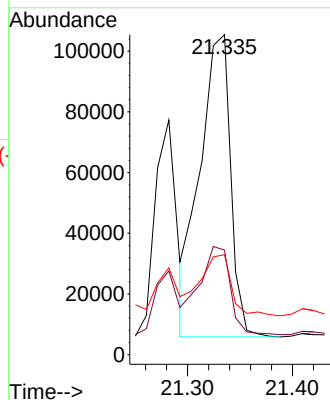
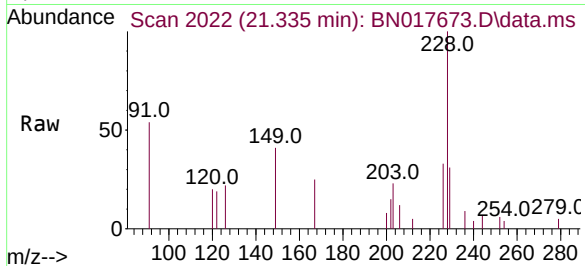




#33
Chrysene
Concen: 0.592 ng
RT: 21.335 min Scan# 2012
Delta R.T. 0.011 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

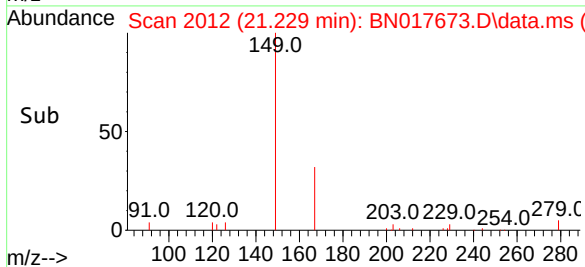
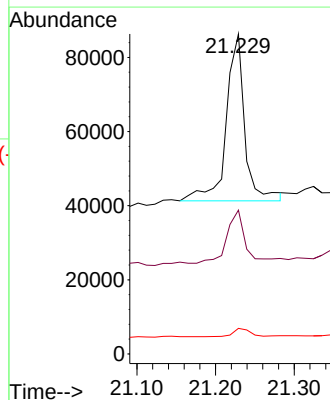
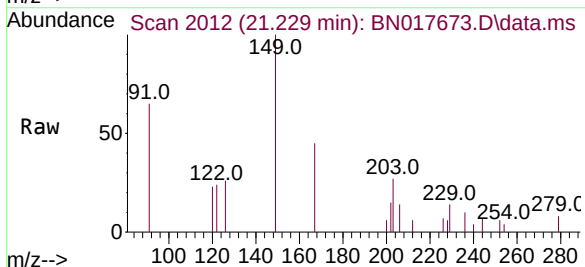
Instrument :
BNA_N
ClientSampleId :
SLAB-6

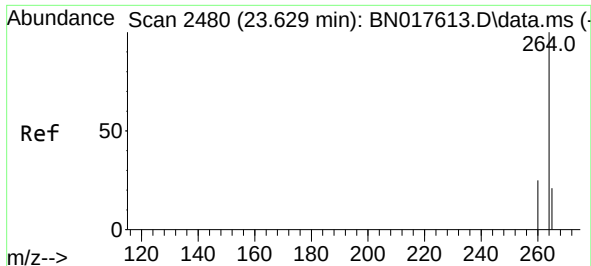
Tgt Ion:228 Resp: 202871
Ion Ratio Lower Upper
228 100
226 32.7 23.3 34.9
229 31.2 15.6 23.4#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.985 ng
RT: 21.229 min Scan# 2012
Delta R.T. 0.011 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

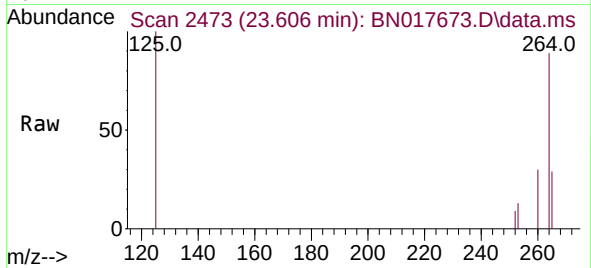
Tgt Ion:149 Resp: 73534
Ion Ratio Lower Upper
149 100
167 31.2 21.8 32.6
279 4.8 3.4 5.0



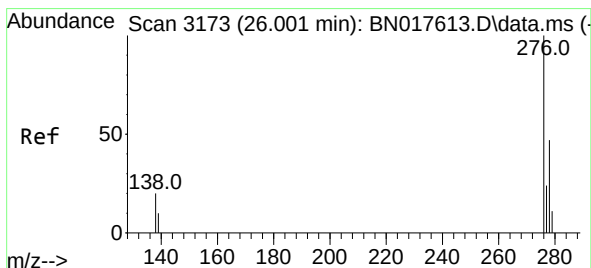
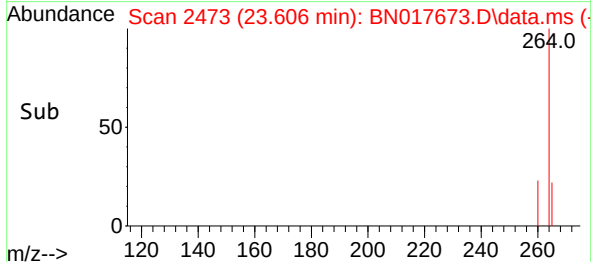
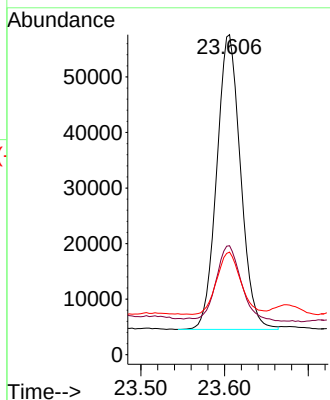


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.606 min Scan# 2480
 Delta R.T. 0.024 min
 Lab File: BN017673.D
 Acq: 02 Dec 2021 06:27

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-6

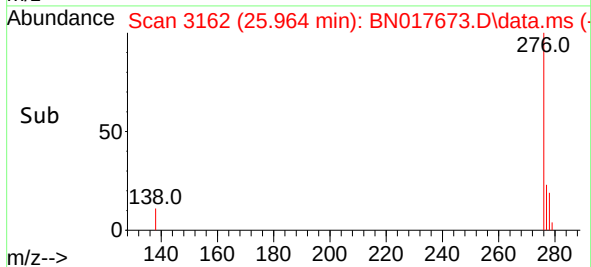
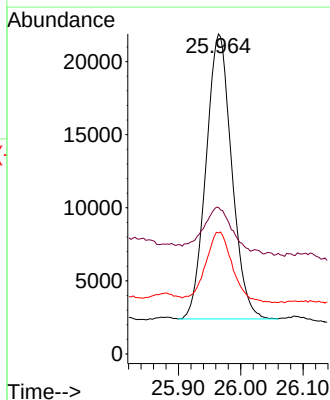
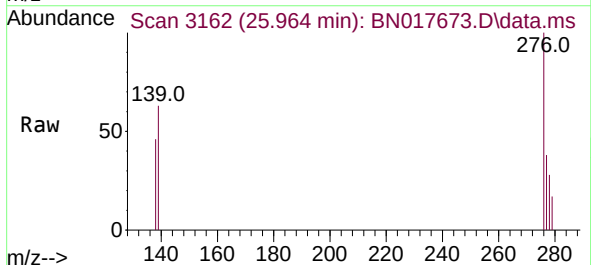


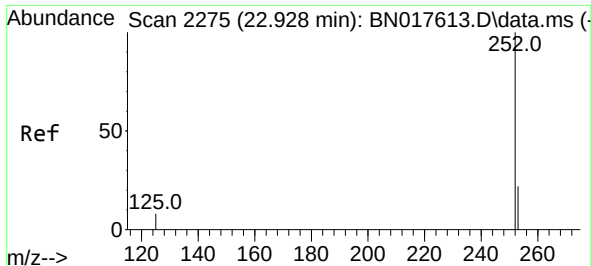
Tgt Ion:264 Resp: 104817
 Ion Ratio Lower Upper
 264 100
 260 34.1 19.4 29.2#
 265 32.1 18.6 28.0#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.164 ng
 RT: 25.964 min Scan# 3162
 Delta R.T. 0.024 min
 Lab File: BN017673.D
 Acq: 02 Dec 2021 06:27

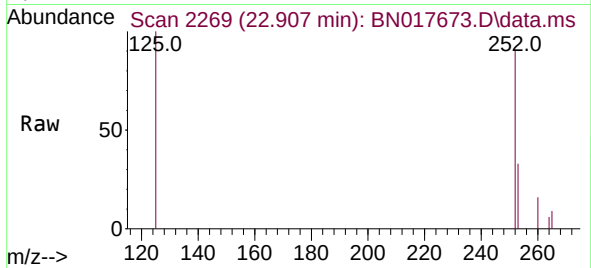
Tgt Ion:276 Resp: 55797
 Ion Ratio Lower Upper
 276 100
 138 16.0 19.7 29.5#
 277 25.9 20.0 30.0



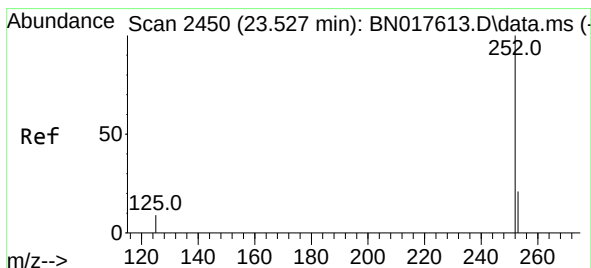
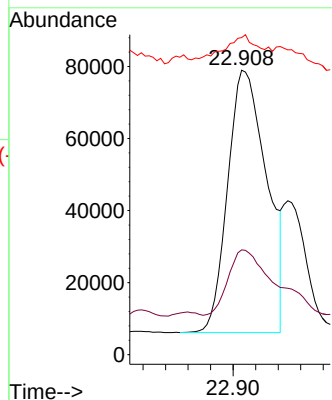


#37
Benzo(b)fluoranthene
Concen: 0.505 ng
RT: 22.907 min Scan# 21
Delta R.T. 0.021 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

Instrument :
BNA_N
ClientSampleId :
SLAB-6

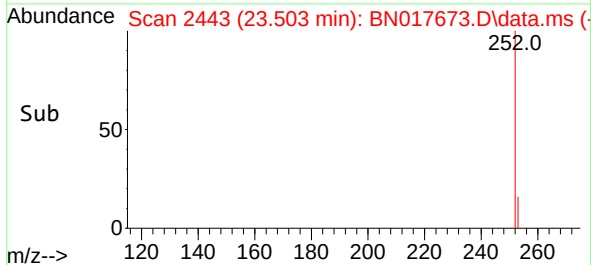
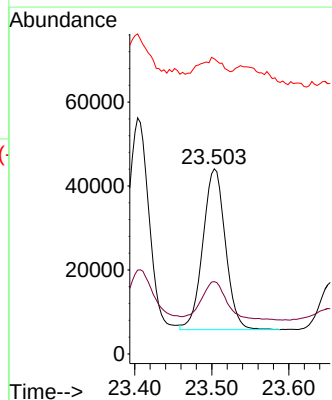
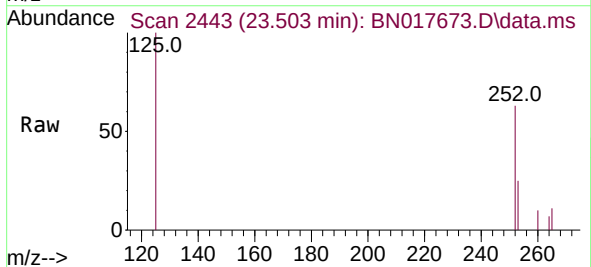


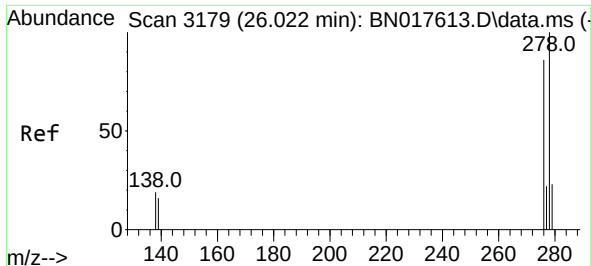
Tgt Ion:252 Resp: 175435
Ion Ratio Lower Upper
252 100
253 36.8 17.7 26.5#
125 111.5 7.8 11.8#



#39
Benzo(a)pyrene
Concen: 0.250 ng
RT: 23.503 min Scan# 2443
Delta R.T. 0.024 min
Lab File: BN017673.D
Acq: 02 Dec 2021 06:27

Tgt Ion:252 Resp: 77779
Ion Ratio Lower Upper
252 100
253 39.1 17.9 26.9#
125 159.4 9.2 13.8#





#40

Dibenzo(a,h)anthracene

Concen: 0.053 ng

RT: 25.971 min Scan# 3179

Delta R.T. 0.017 min

Lab File: BN017673.D

Acq: 02 Dec 2021 06:27

Instrument :

BNA_N

ClientSampleId :

SLAB-6

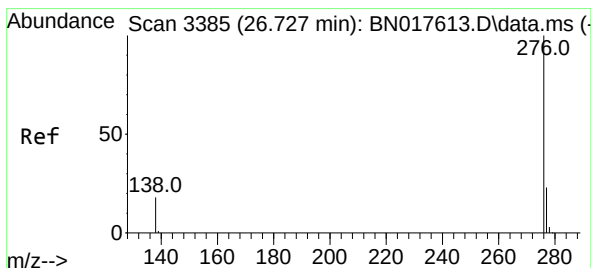
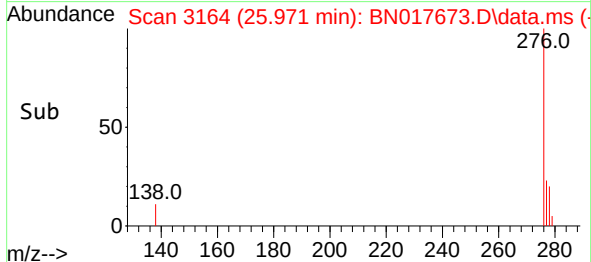
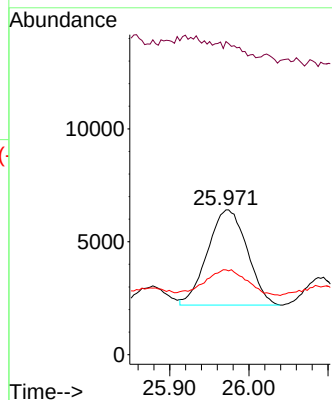
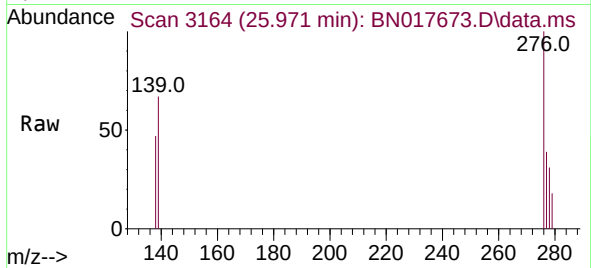
Tgt Ion:278 Resp: 14667

Ion Ratio Lower Upper

278 100

139 216.2 13.0 19.6#

279 58.6 19.2 28.8#



#41

Benzo(g,h,i)perylene

Concen: 0.183 ng

RT: 26.686 min Scan# 3373

Delta R.T. 0.031 min

Lab File: BN017673.D

Acq: 02 Dec 2021 06:27

Tgt Ion:276 Resp: 52246

Ion Ratio Lower Upper

276 100

277 38.8 19.0 28.4#

138 42.9 17.1 25.7#

