

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017672.D
 Acq On : 02 Dec 2021 05:51
 Operator : CG/JU
 Sample : M4895-03 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-3

Quant Time: Dec 02 06:21:23 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)

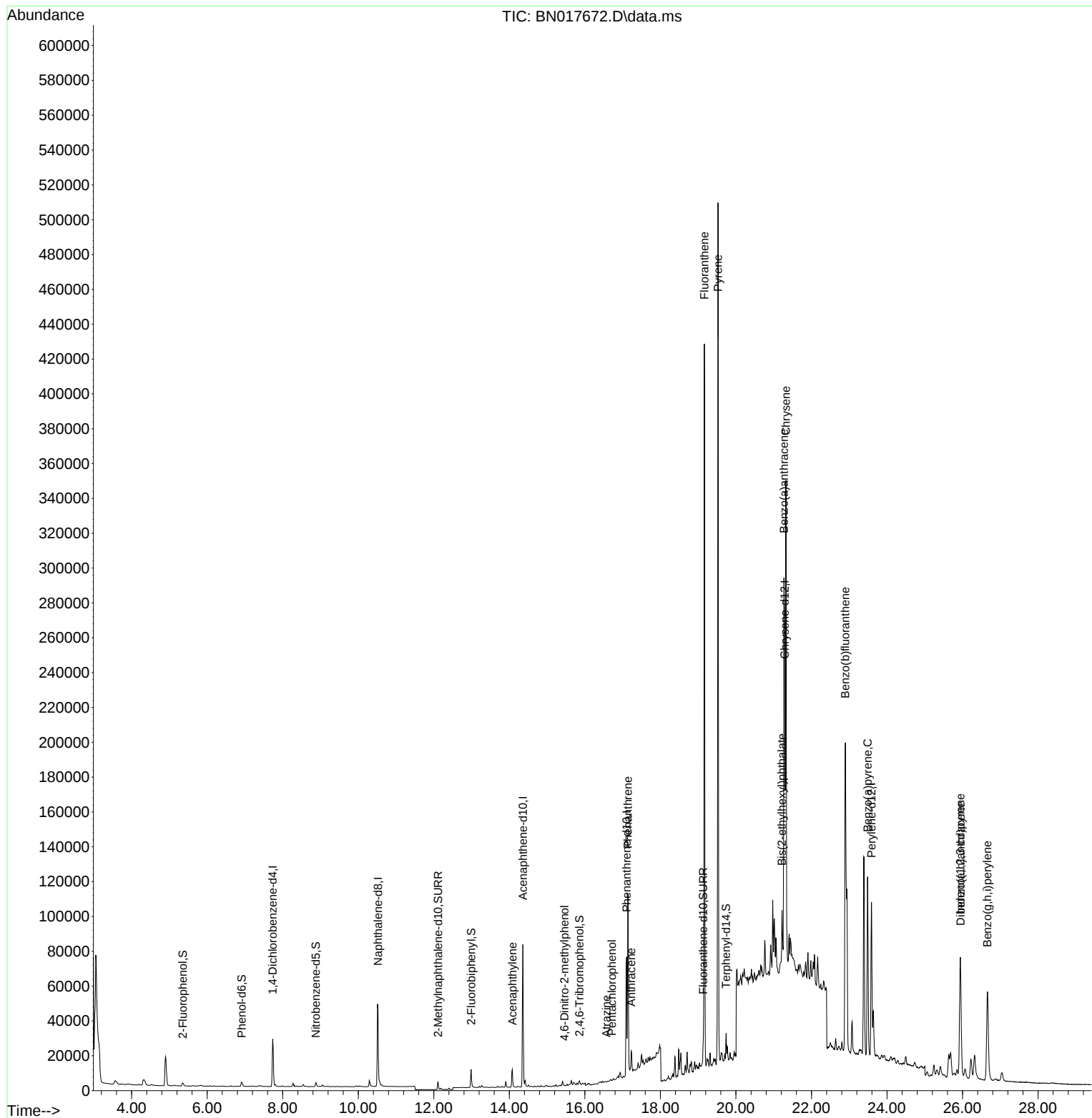
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	17668	0.400	ng	0.00
7) Naphthalene-d8	10.522	136	75929	0.400	ng	0.01
13) Acenaphthene-d10	14.359	164	50145	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	109957	0.400	ng	0.00
29) Chrysene-d12	21.292	240	111550	0.400	ng	# 0.01
35) Perylene-d12	23.588	264	120287	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	2456	0.061	ng	0.00
5) Phenol-d6	6.915	99	2729	0.064	ng	0.00
8) Nitrobenzene-d5	8.874	82	2657	0.082	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	7286	0.055	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	1479	0.172	ng	0.01
15) 2-Fluorobiphenyl	12.989	172	10393	0.053	ng	0.00
27) Fluoranthene-d10	19.134	212	20047	0.058	ng	0.00
31) Terphenyl-d14	19.739	244	15632	0.064	ng	0.00
Target Compounds						
						Qvalue
16) Acenaphthylene	14.080	152	13704	0.070	ng	99
20) 4,6-Dinitro-2-methylph...	15.463	198	8	0.057	ng	# 1
23) Atrazine	16.569	200	33	0.132	ng	# 1
24) Pentachlorophenol	16.715	266	12	0.193	ng	# 32
25) Phenanthrene	17.141	178	112453	0.373	ng	99
26) Anthracene	17.226	178	17302	0.067	ng	97
28) Fluoranthene	19.164	202	373616	1.095	ng	# 97
30) Pyrene	19.526	202	439970	1.222	ng	97
32) Benzo(a)anthracene	21.271	228	182381	0.538	ng	95
33) Chrysene	21.324	228	251355	0.682	ng	96
34) Bis(2-ethylhexyl)phtha...	21.218	149	35243	0.439	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.940	276	118600	0.304	ng	# 91
37) Benzo(b)fluoranthene	22.897	252	304947	0.765	ng	# 90
39) Benzo(a)pyrene	23.486	252	155203	0.435	ng	# 88
40) Dibenzo(a,h)anthracene	25.950	278	29489	0.092	ng	# 71
41) Benzo(g,h,i)perylene	26.659	276	118126	0.360	ng	94

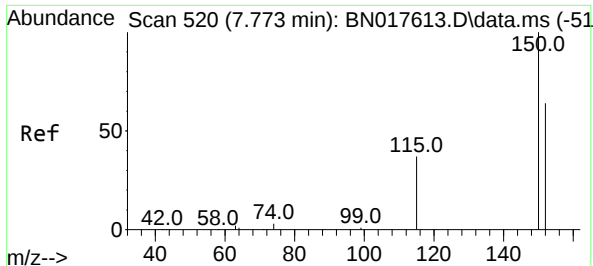
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
Data File : BN017672.D
Acq On : 02 Dec 2021 05:51
Operator : CG/JU
Sample : M4895-03 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLAB-3

Quant Time: Dec 02 06:21:23 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

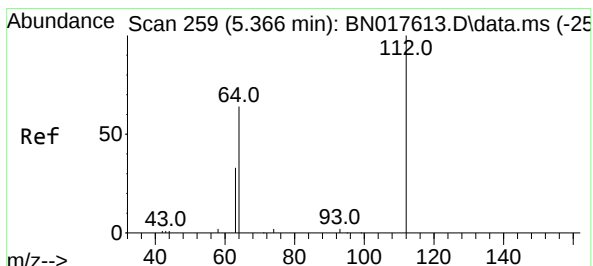
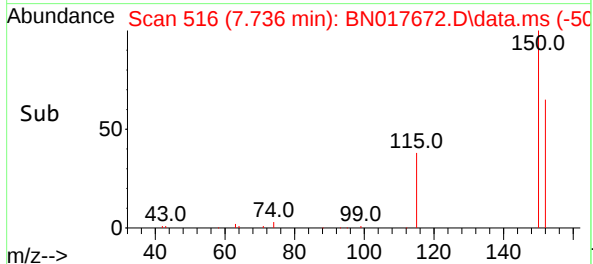
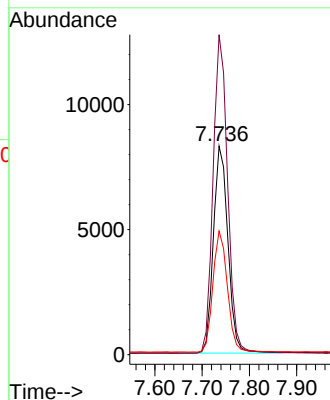
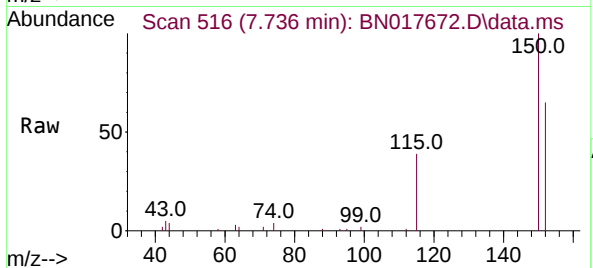




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.736 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

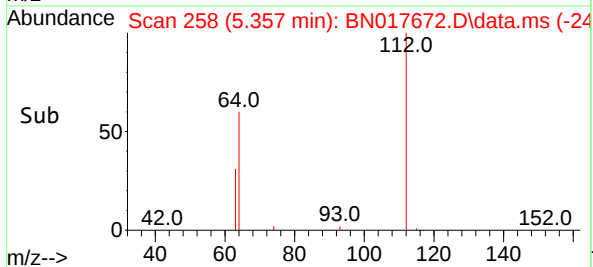
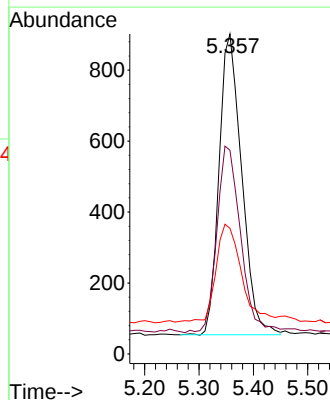
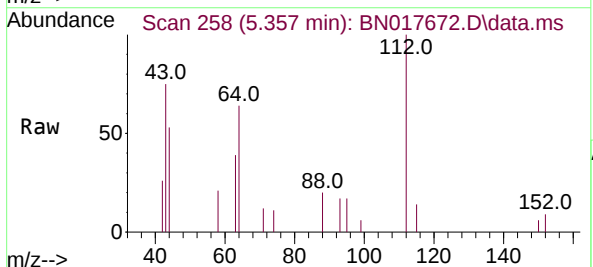
Instrument :
BNA_N
ClientSampleId :
SLAB-3

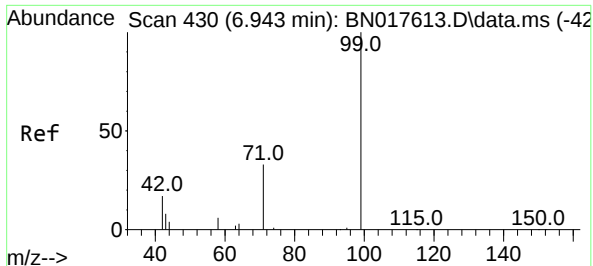
Tgt Ion:152 Resp: 17668
Ion Ratio Lower Upper
152 100
150 153.4 123.0 184.4
115 59.3 45.6 68.4



#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.357 min Scan# 258
Delta R.T. 0.009 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion:112 Resp: 2456
Ion Ratio Lower Upper
112 100
64 64.9 47.6 71.4
63 35.4 24.6 37.0

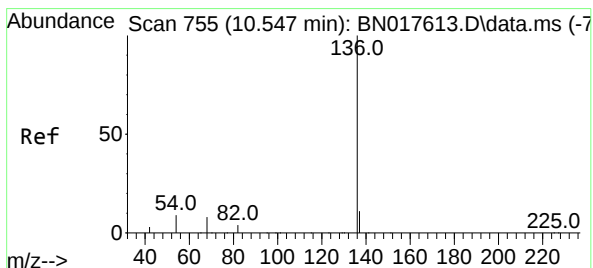
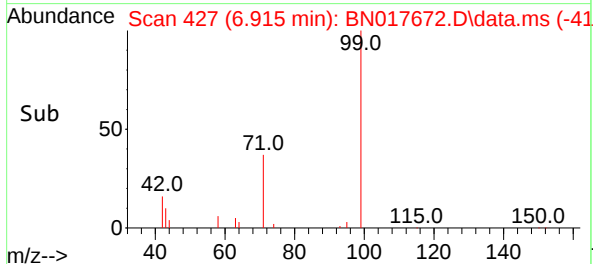
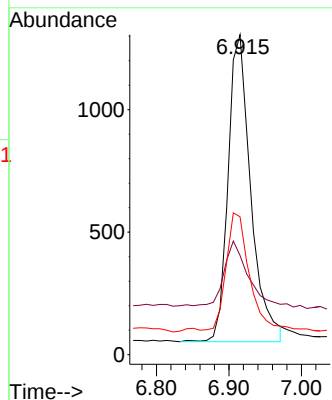
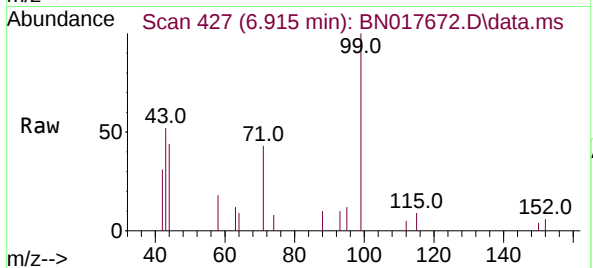




#5
Phenol-d6
Concen: 0.064 ng
RT: 6.915 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

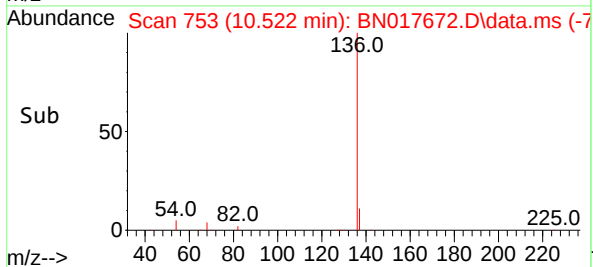
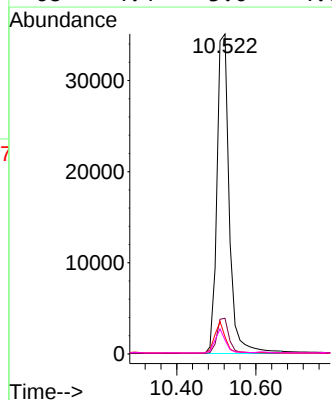
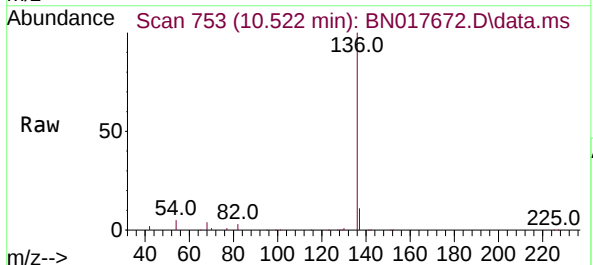
Instrument :
BNA_N
ClientSampleId :
SLAB-3

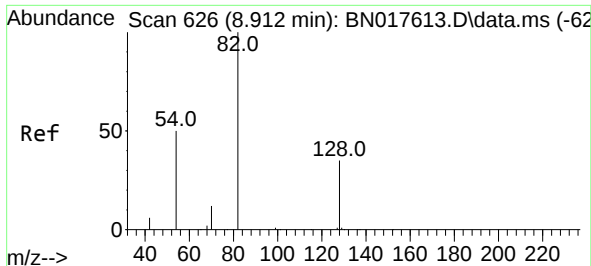
Tgt Ion: 99 Resp: 2729
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 38.4 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.522 min Scan# 753
Delta R.T. 0.013 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion: 136 Resp: 75929
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.3 4.0 6.0
68 4.4 3.0 4.6

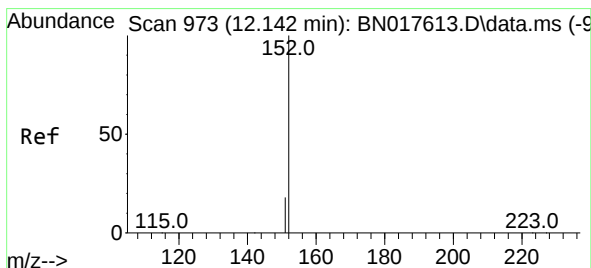
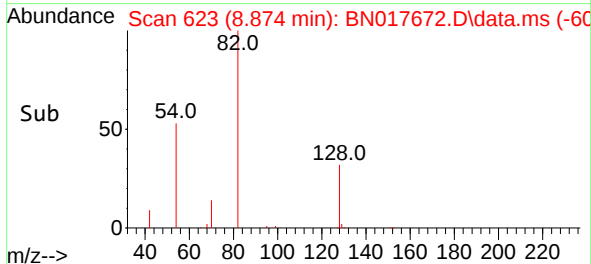
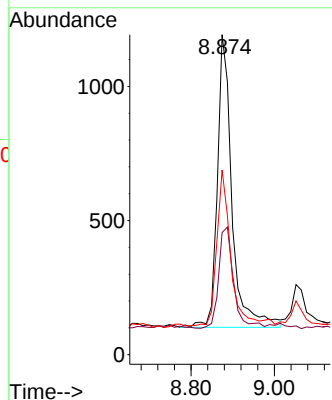
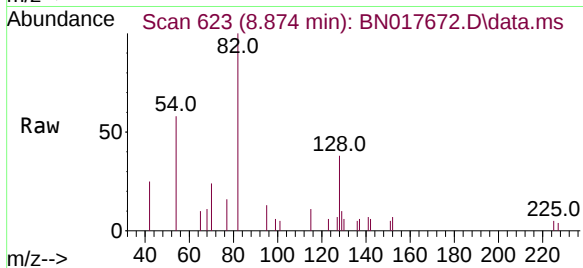




#8
Nitrobenzene-d5
Concen: 0.082 ng
RT: 8.874 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

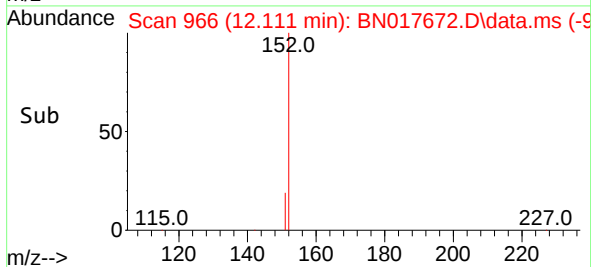
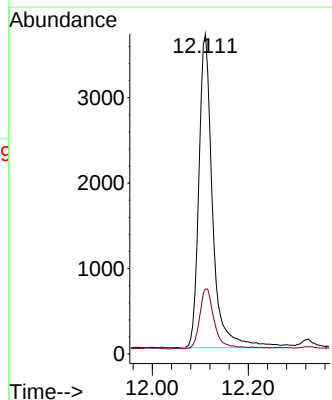
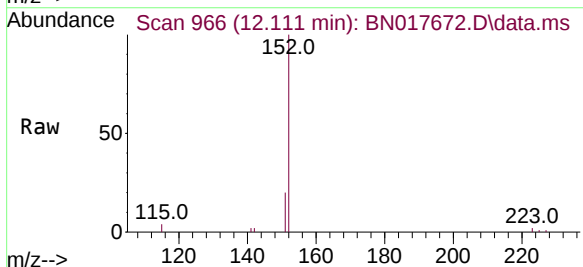
Instrument :
BNA_N
ClientSampleId :
SLAB-3

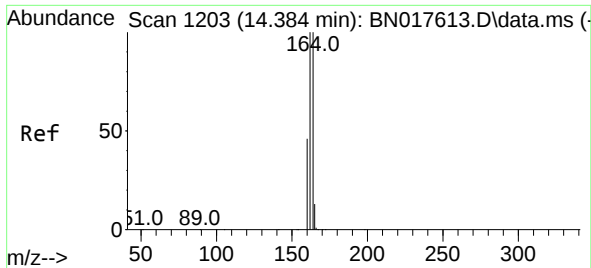
Tgt Ion: 82 Resp: 2657
Ion Ratio Lower Upper
82 100
128 38.1 27.7 41.5
54 57.7 49.2 73.8



#11
2-Methylnaphthalene-d10
Concen: 0.055 ng
RT: 12.111 min Scan# 966
Delta R.T. 0.004 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion: 152 Resp: 7286
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4

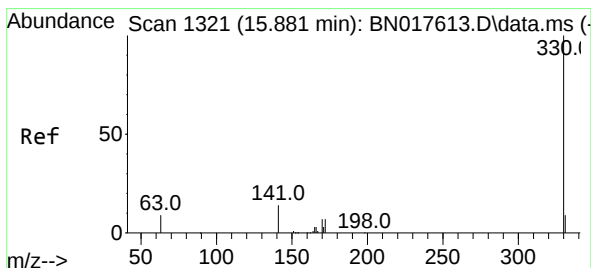
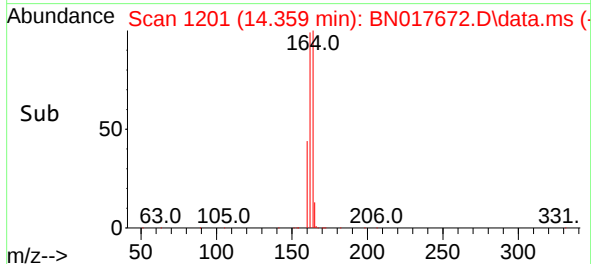
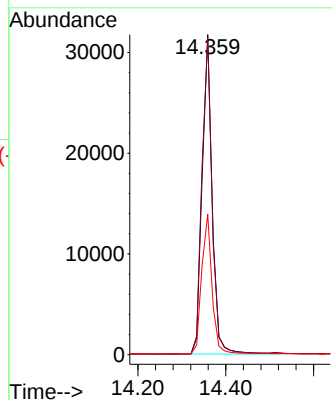
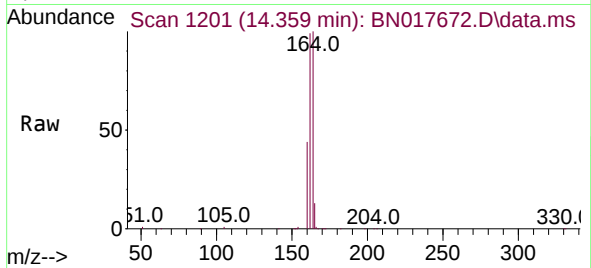




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

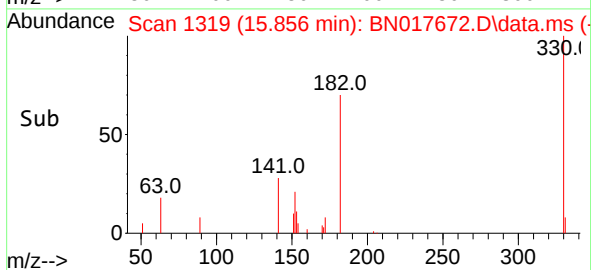
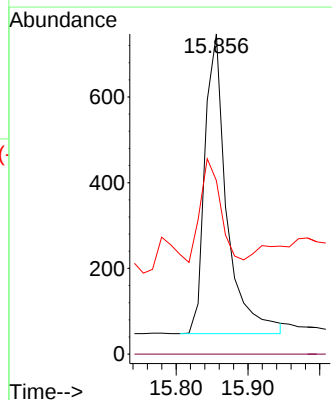
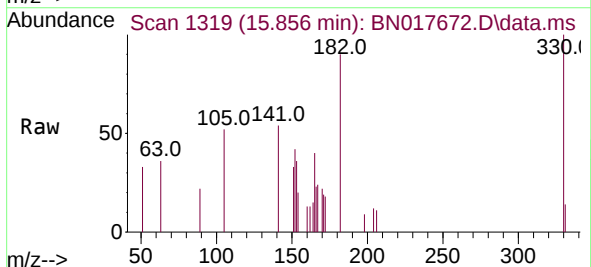
Instrument :
BNA_N
ClientSampleId :
SLAB-3

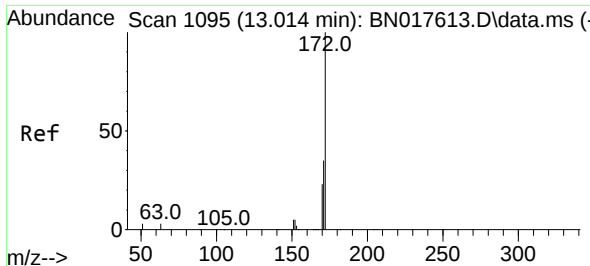
Tgt Ion:164 Resp: 50145
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.2
160 43.9 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.172 ng
RT: 15.856 min Scan# 1319
Delta R.T. 0.013 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion:330 Resp: 1479
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.9 28.9 43.3

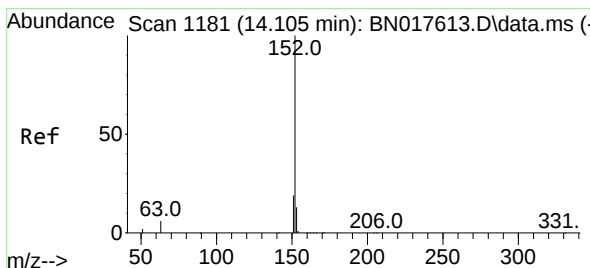
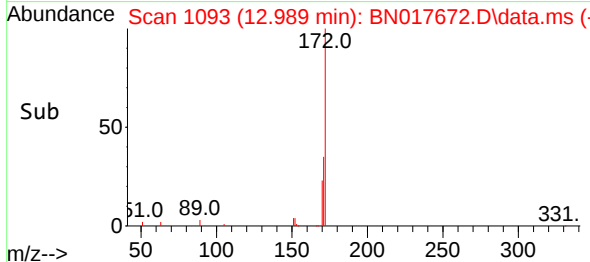
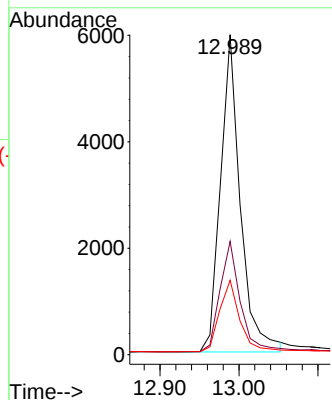
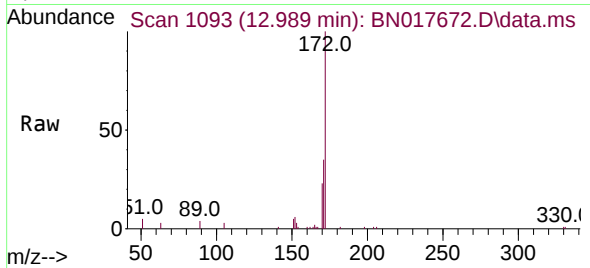




#15
2-Fluorobiphenyl
Concen: 0.053 ng
RT: 12.989 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

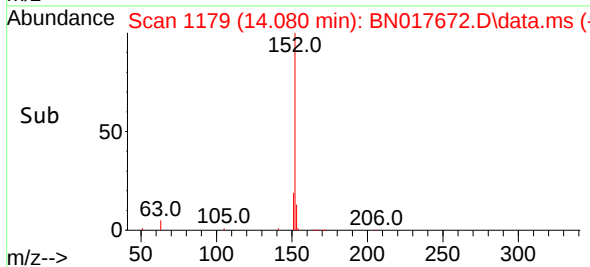
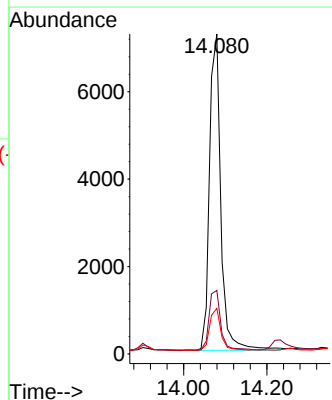
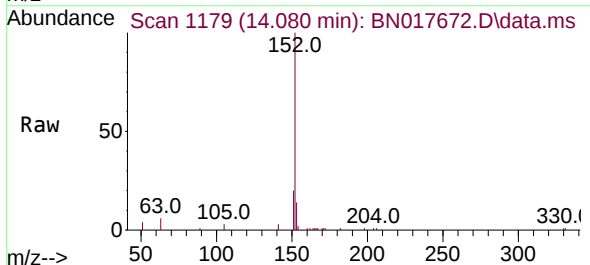
Instrument :
BNA_N
ClientSampleId :
SLAB-3

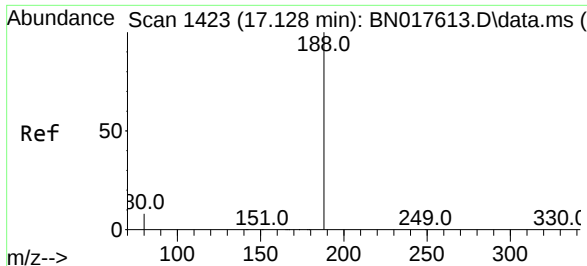
Tgt Ion:172 Resp: 10393
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.2 19.4 29.2



#16
Acenaphthylene
Concen: 0.070 ng
RT: 14.080 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion:152 Resp: 13704
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 13.1 10.4 15.6

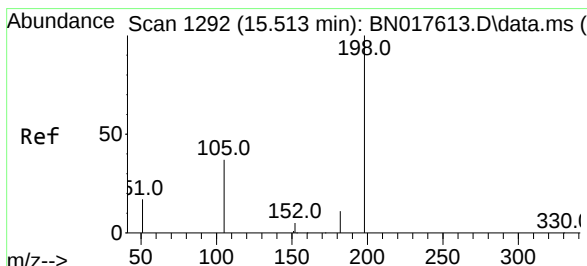
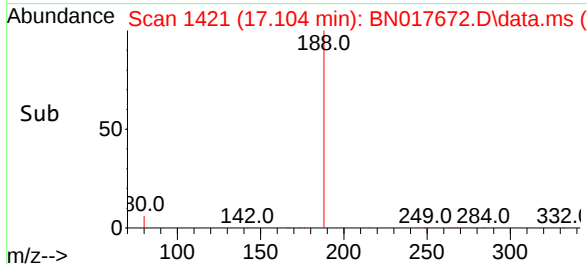
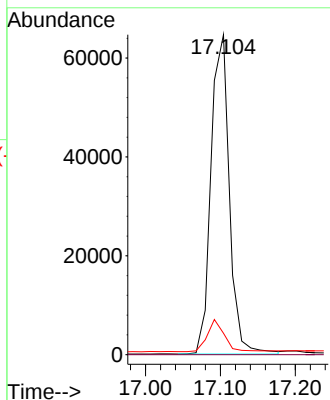
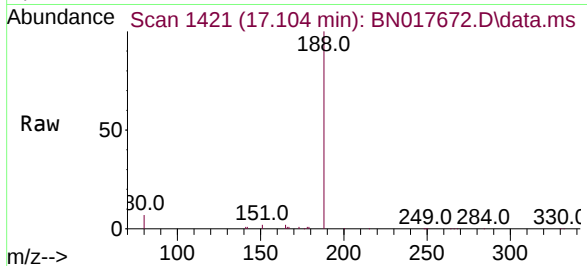




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

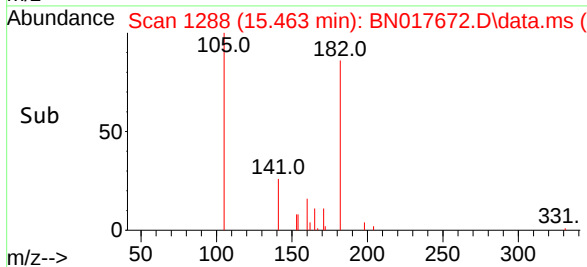
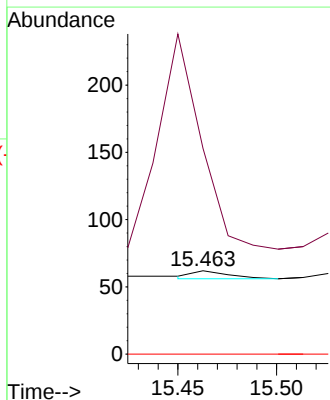
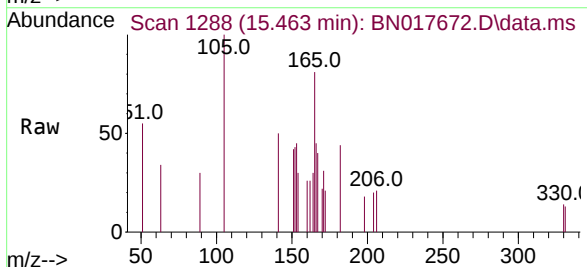
Instrument :
BNA_N
ClientSampleId :
SLAB-3

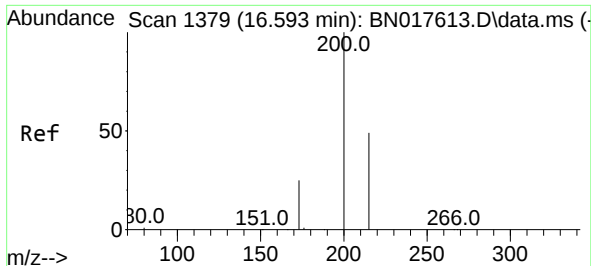
Tgt Ion:188 Resp: 109957
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.057 ng
RT: 15.463 min Scan# 1288
Delta R.T. -0.025 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 246.8 11.4 17.2#
77 0.0 0.0 0.0

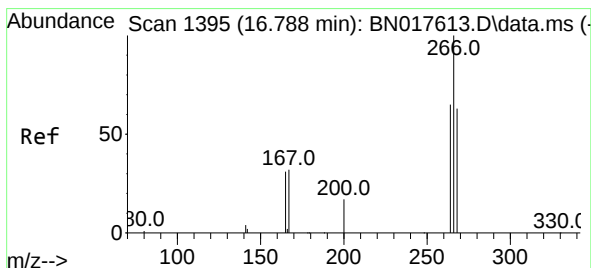
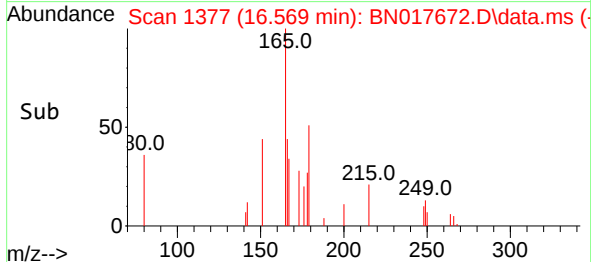
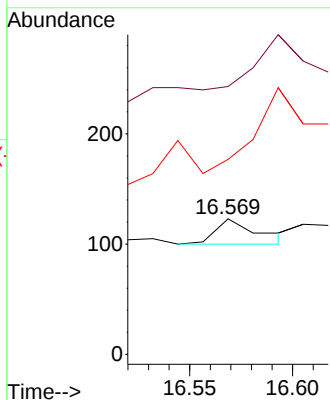
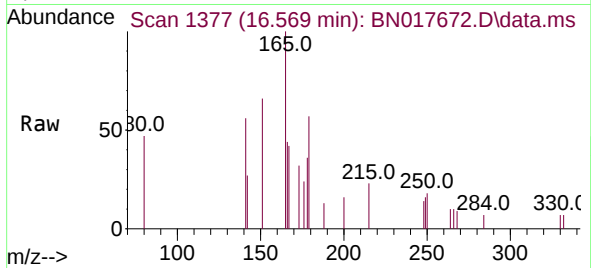




#23
 Atrazine
 Concen: 0.132 ng
 RT: 16.569 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017672.D
 Acq: 02 Dec 2021 05:51

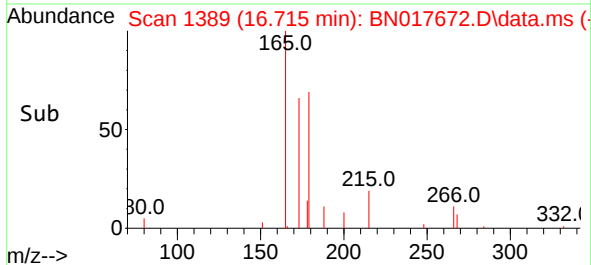
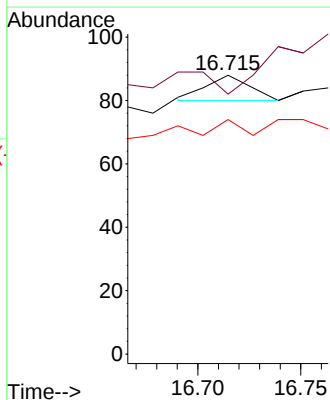
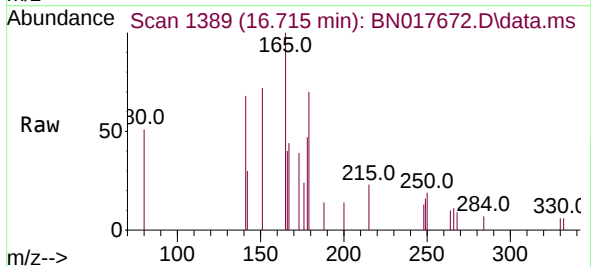
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-3

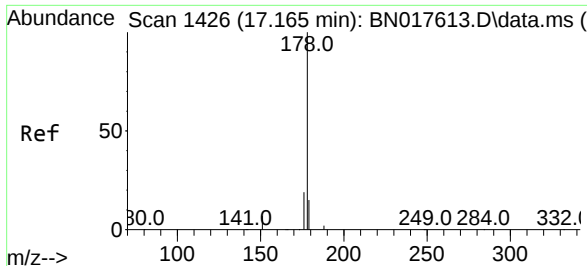
Tgt Ion:200 Resp: 33
 Ion Ratio Lower Upper
 200 100
 173 197.6 17.6 26.4#
 215 143.9 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.193 ng
 RT: 16.715 min Scan# 1389
 Delta R.T. -0.049 min
 Lab File: BN017672.D
 Acq: 02 Dec 2021 05:51

Tgt Ion:266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.8 74.8#
 268 108.3 51.3 76.9#

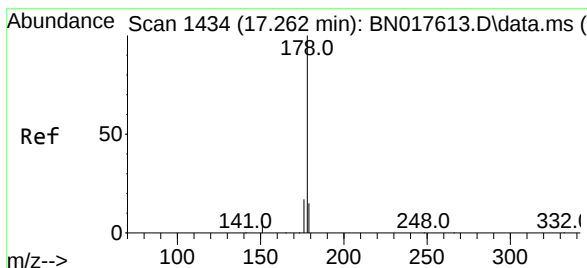
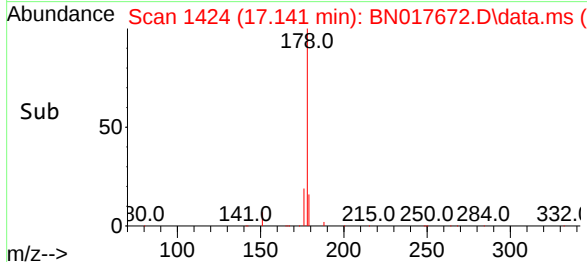
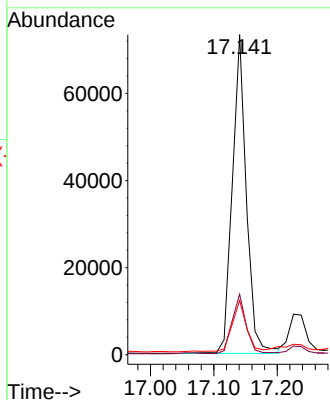
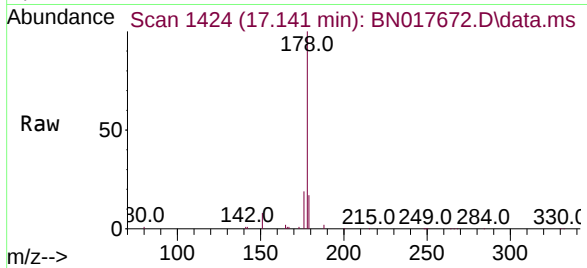




#25
Phenanthrene
Concen: 0.373 ng
RT: 17.141 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

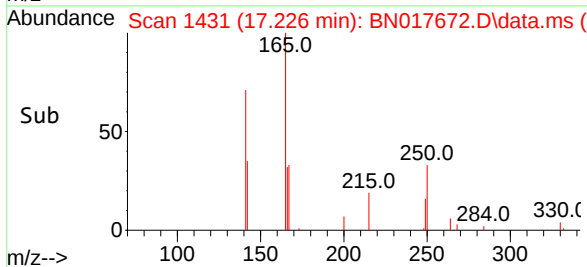
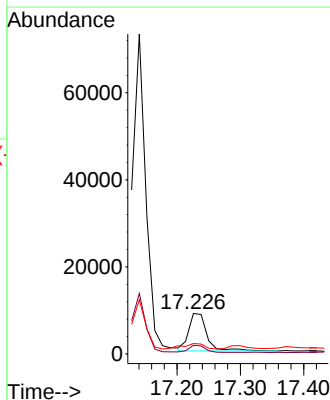
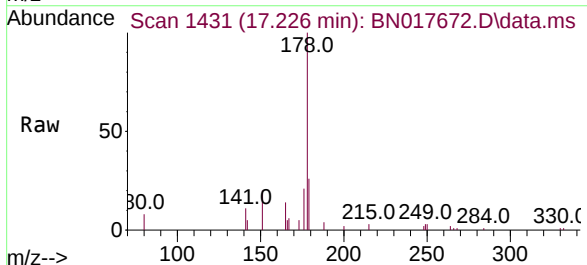
Instrument :
BNA_N
ClientSampleId :
SLAB-3

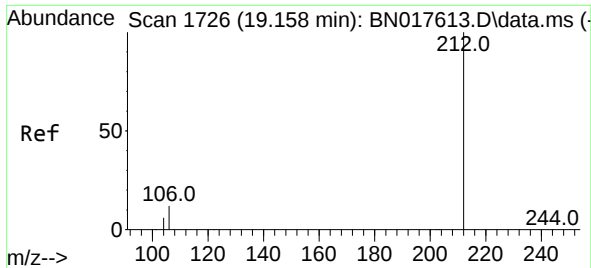
Tgt Ion:178 Resp: 112453
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.9 12.3 18.5



#26
Anthracene
Concen: 0.067 ng
RT: 17.226 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion:178 Resp: 17302
Ion Ratio Lower Upper
178 100
176 18.8 14.6 22.0
179 17.5 12.2 18.4

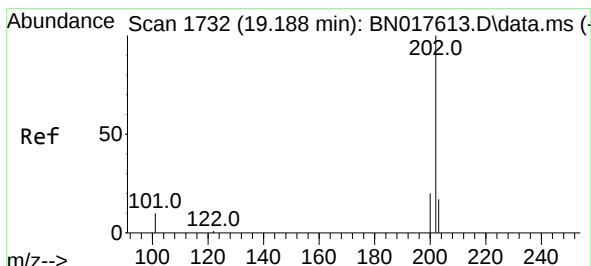
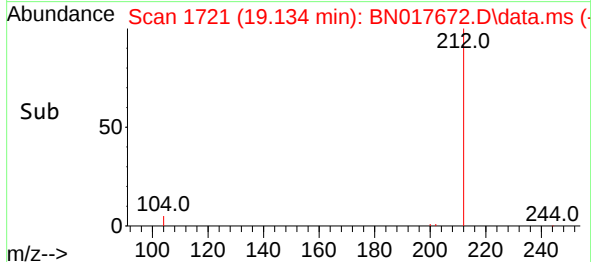
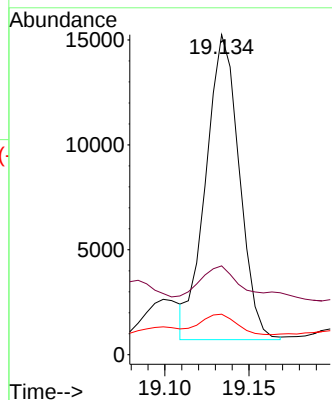
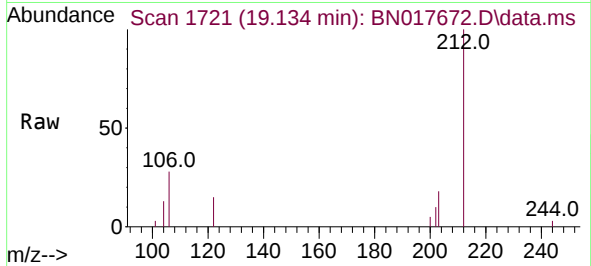




#27
Fluoranthene-d10
Concen: 0.058 ng
RT: 19.134 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

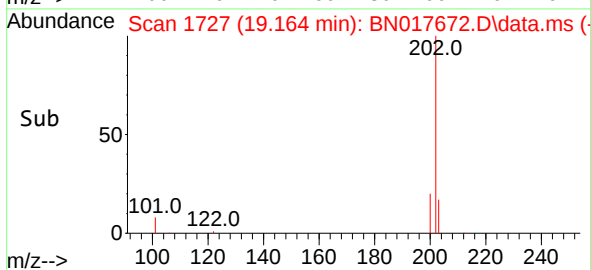
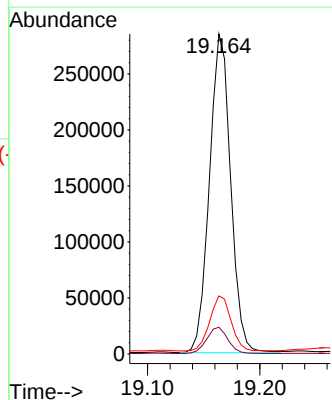
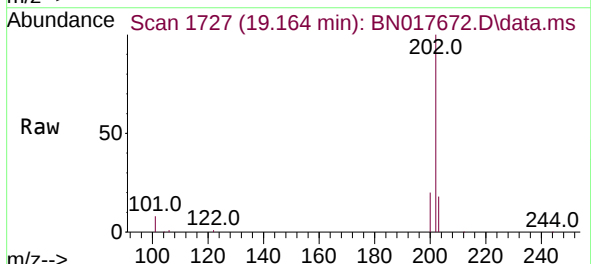
Instrument :
BNA_N
ClientSampleId :
SLAB-3

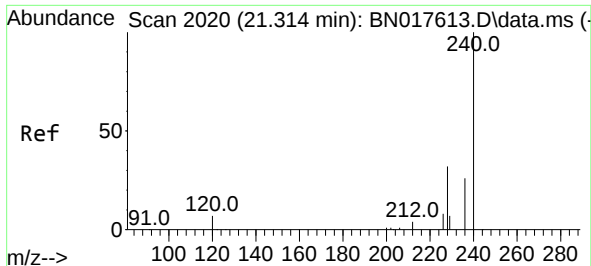
Tgt Ion:212 Resp: 20047
Ion Ratio Lower Upper
212 100
106 15.9 10.5 15.7#
104 7.2 5.8 8.6



#28
Fluoranthene
Concen: 1.095 ng
RT: 19.164 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion:202 Resp: 373616
Ion Ratio Lower Upper
202 100
101 8.2 8.9 13.3#
203 17.2 13.8 20.6

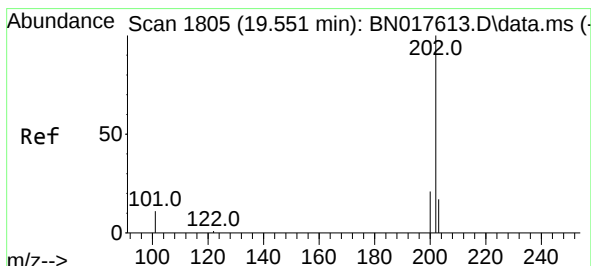
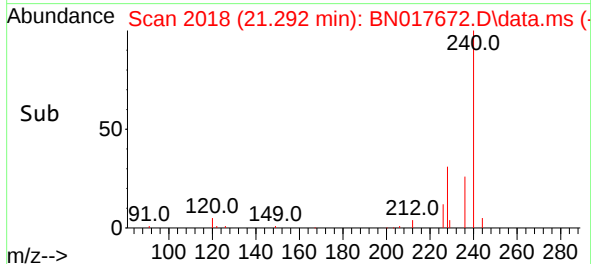
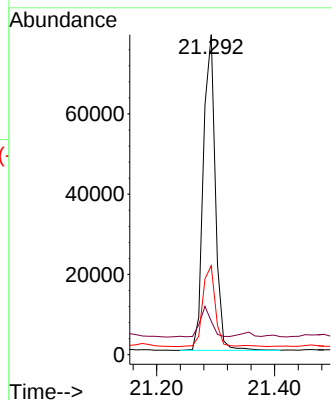
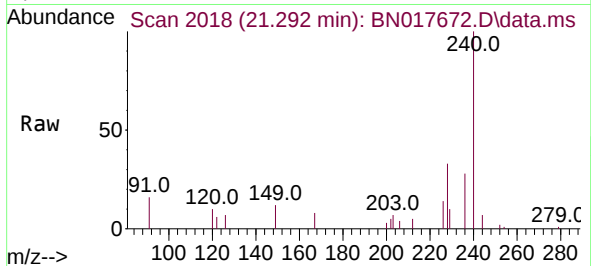




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 20
Delta R.T. 0.011 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

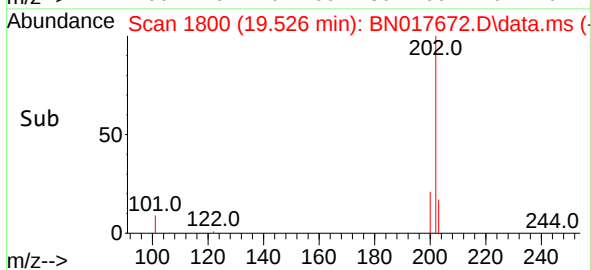
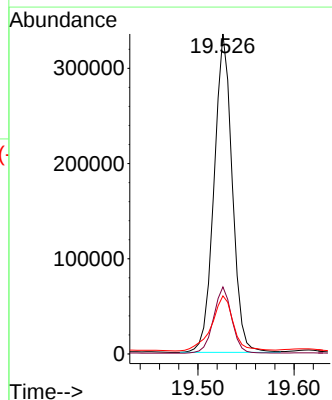
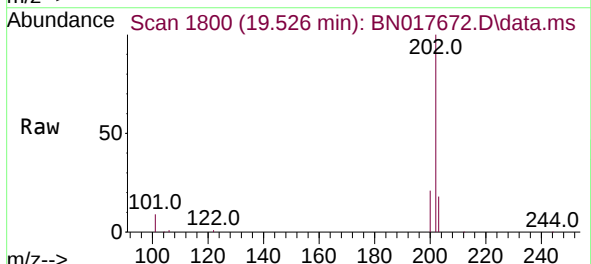
Instrument :
BNA_N
ClientSampleId :
SLAB-3

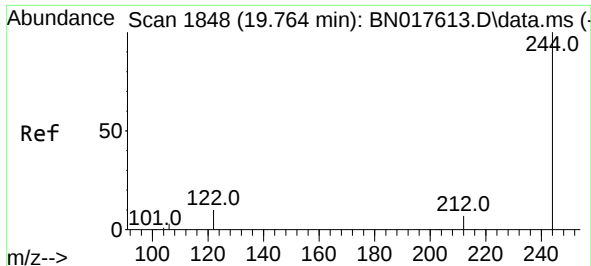
Tgt Ion:240 Resp: 111550
Ion Ratio Lower Upper
240 100
120 10.5 4.2 6.2#
236 27.8 20.0 30.0



#30
Pyrene
Concen: 1.222 ng
RT: 19.526 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

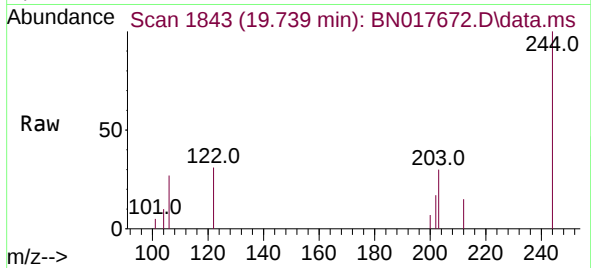
Tgt Ion:202 Resp: 439970
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 20.5 14.0 21.0



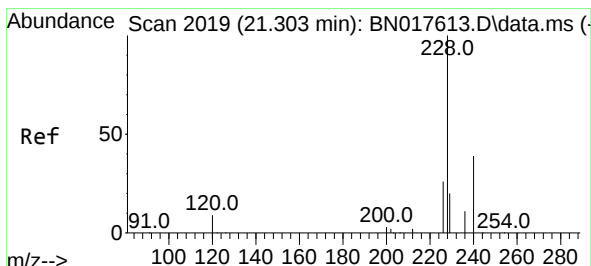
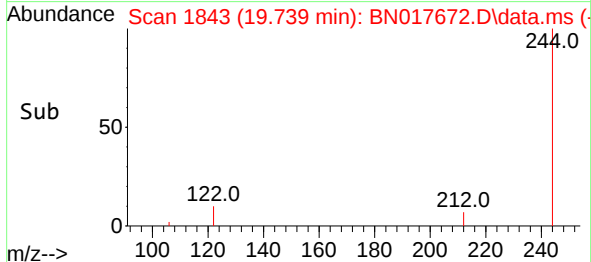
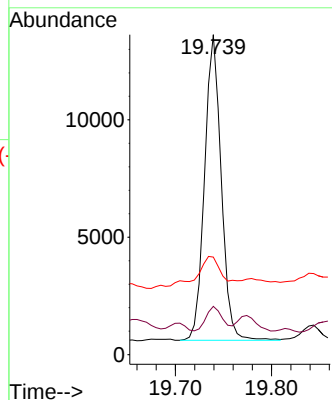


#31
Terphenyl-d14
Concen: 0.064 ng
RT: 19.739 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Instrument :
BNA_N
ClientSampleId :
SLAB-3

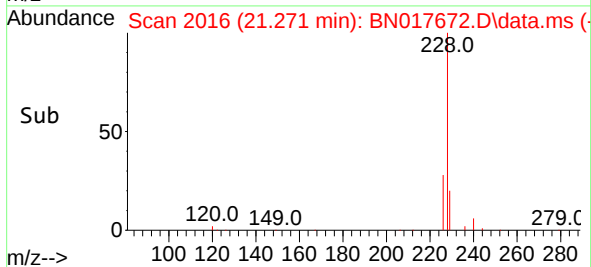
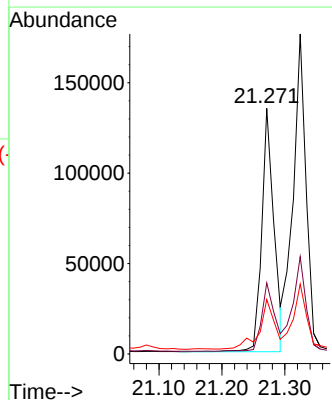
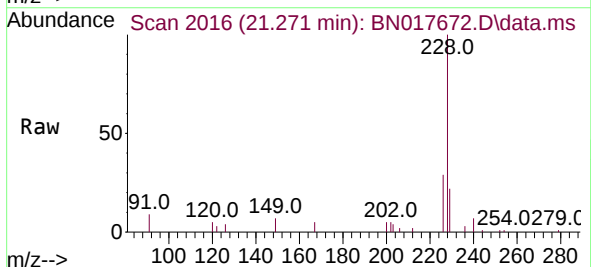


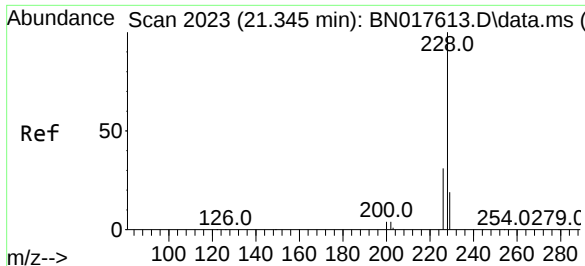
Tgt Ion:244 Resp: 15632
Ion Ratio Lower Upper
244 100
212 15.1 5.7 8.5#
122 30.5 8.6 13.0#



#32
Benzo(a)anthracene
Concen: 0.538 ng
RT: 21.271 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion:228 Resp: 182381
Ion Ratio Lower Upper
228 100
226 28.9 21.3 31.9
229 22.1 15.7 23.5





#33

Chrysene

Concen: 0.682 ng

RT: 21.324 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BN017672.D

Acq: 02 Dec 2021 05:51

Instrument :

BNA_N

ClientSampleId :

SLAB-3

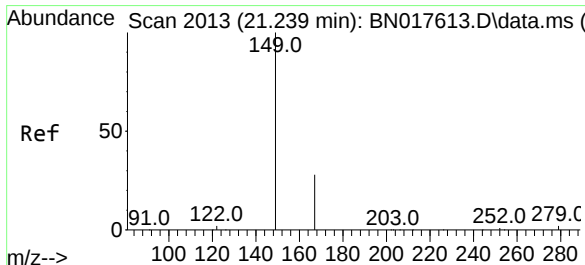
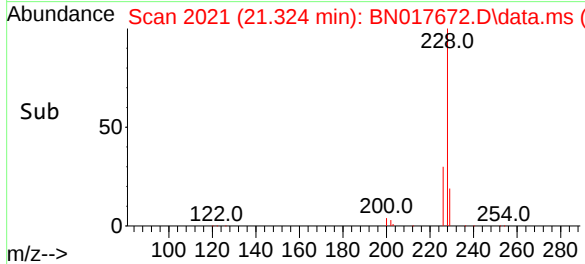
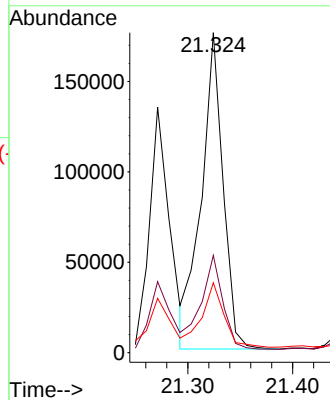
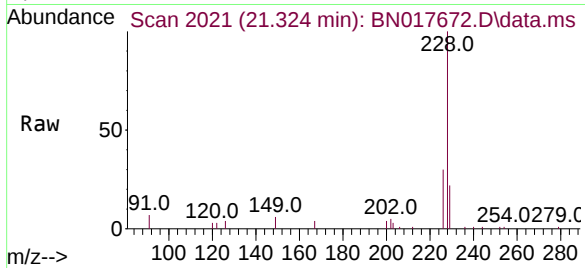
Tgt Ion:228 Resp: 251355

Ion Ratio Lower Upper

228 100

226 30.4 23.3 34.9

229 21.8 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.439 ng

RT: 21.218 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BN017672.D

Acq: 02 Dec 2021 05:51

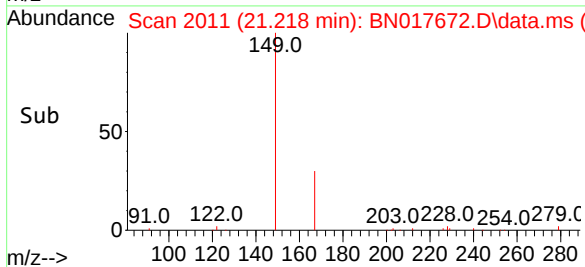
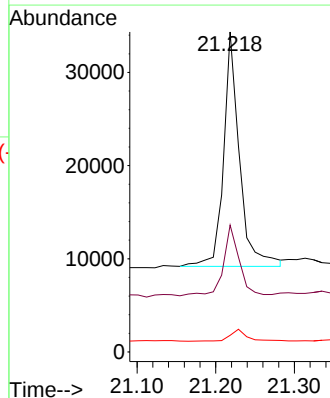
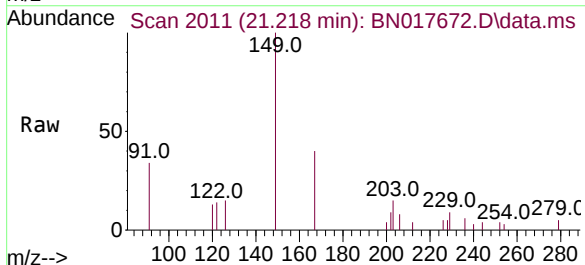
Tgt Ion:149 Resp: 35243

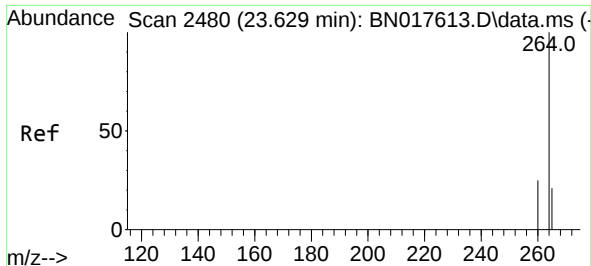
Ion Ratio Lower Upper

149 100

167 30.4 21.8 32.6

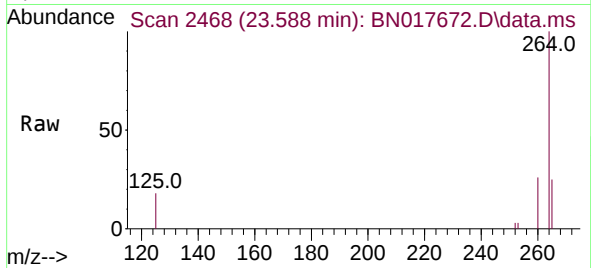
279 5.5 3.4 5.0#



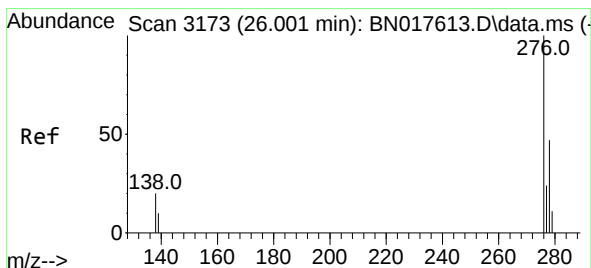
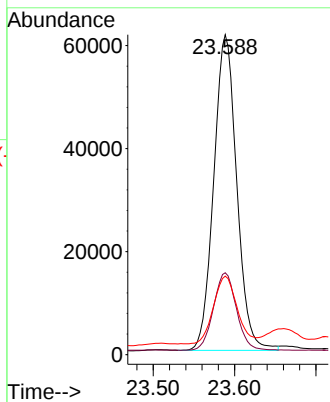
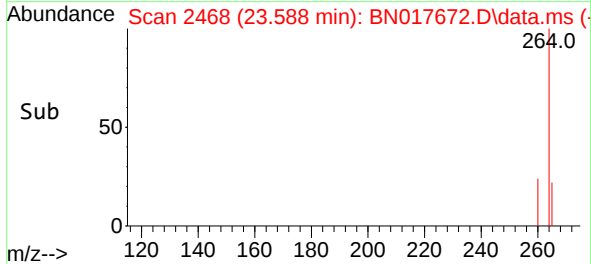


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.588 min Scan# 2480
 Delta R.T. 0.007 min
 Lab File: BN017672.D
 Acq: 02 Dec 2021 05:51

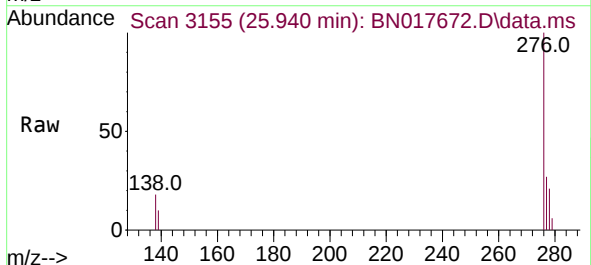
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-3



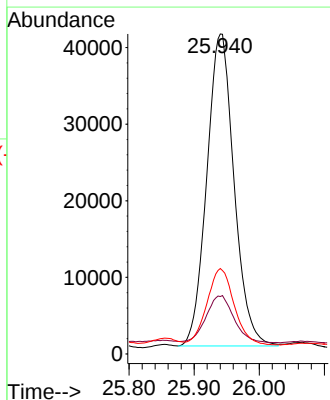
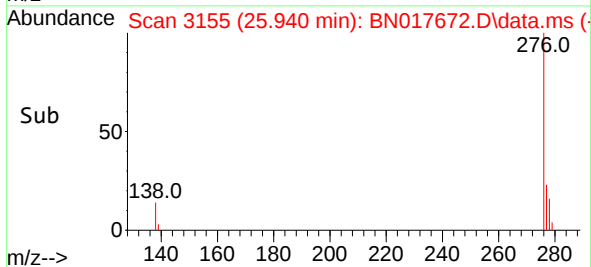
Tgt Ion:264 Resp: 120287
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.4 29.2
 265 24.6 18.6 28.0

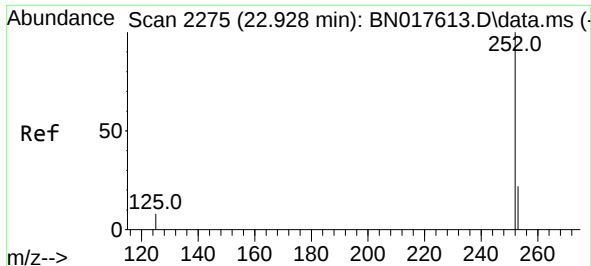


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.304 ng
 RT: 25.940 min Scan# 3155
 Delta R.T. -0.000 min
 Lab File: BN017672.D
 Acq: 02 Dec 2021 05:51



Tgt Ion:276 Resp: 118600
 Ion Ratio Lower Upper
 276 100
 138 15.6 19.7 29.5#
 277 24.5 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.765 ng

RT: 22.897 min Scan# 21

Delta R.T. 0.010 min

Lab File: BN017672.D

Acq: 02 Dec 2021 05:51

Instrument :

BNA_N

ClientSampleId :

SLAB-3

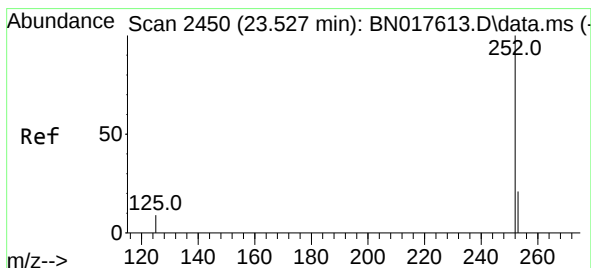
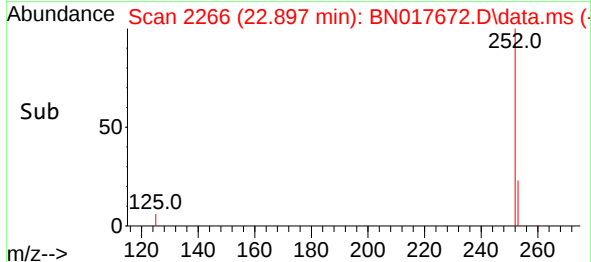
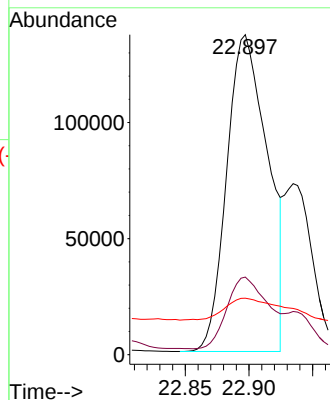
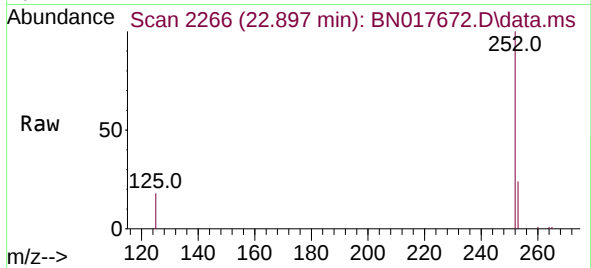
Tgt Ion:252 Resp: 304947

Ion Ratio Lower Upper

252 100

253 24.2 17.7 26.5

125 17.6 7.8 11.8#



#39

Benzo(a)pyrene

Concen: 0.435 ng

RT: 23.486 min Scan# 2438

Delta R.T. 0.007 min

Lab File: BN017672.D

Acq: 02 Dec 2021 05:51

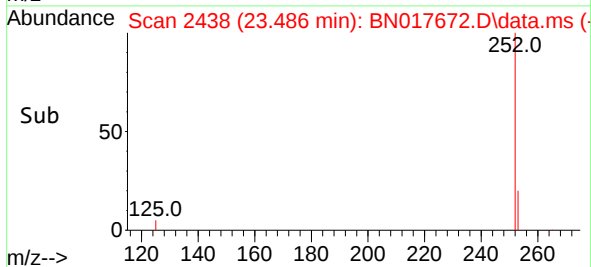
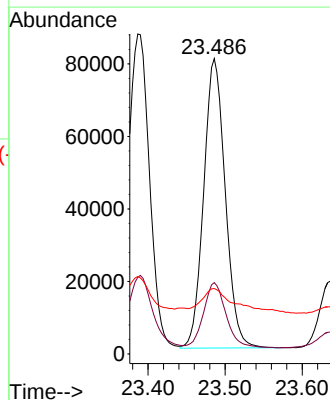
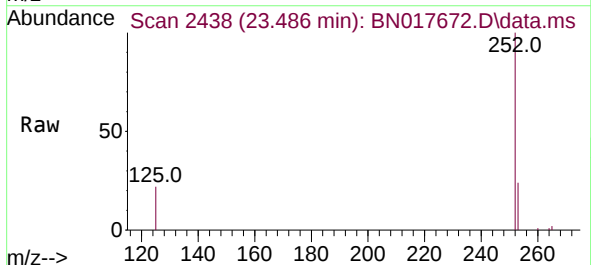
Tgt Ion:252 Resp: 155203

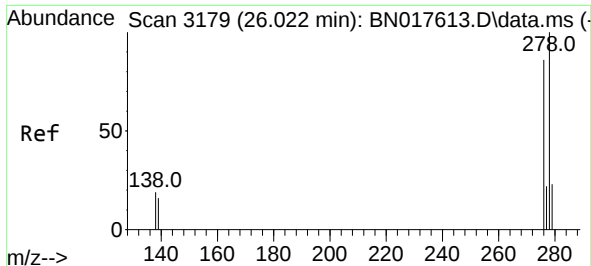
Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

125 22.1 9.2 13.8#

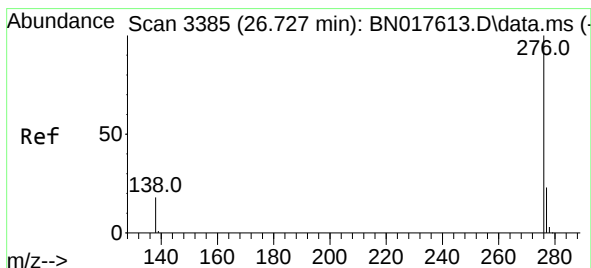
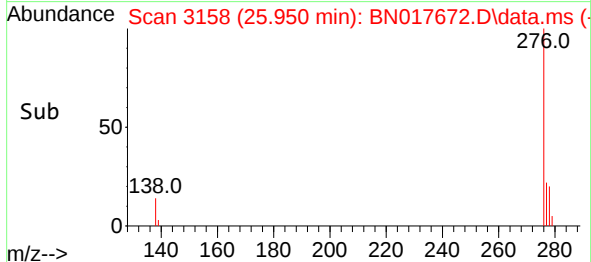
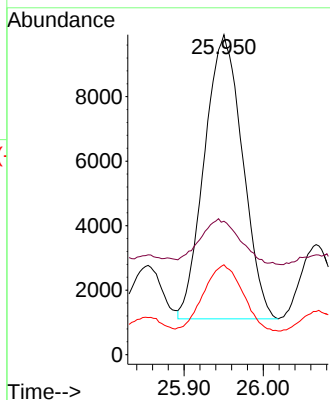
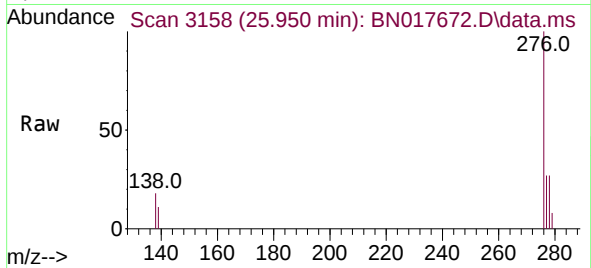




#40
Dibenzo(a,h)anthracene
Concen: 0.092 ng
RT: 25.950 min Scan# 3179
Delta R.T. -0.003 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Instrument :
BNA_N
ClientSampleId :
SLAB-3

Tgt Ion:278 Resp: 29489
Ion Ratio Lower Upper
278 100
139 41.7 13.0 19.6#
279 28.1 19.2 28.8



#41
Benzo(g,h,i)perylene
Concen: 0.360 ng
RT: 26.659 min Scan# 3365
Delta R.T. 0.003 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion:276 Resp: 118126
Ion Ratio Lower Upper
276 100
277 25.9 19.0 28.4
138 18.0 17.1 25.7

