

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017953.D
 Acq On : 13 Dec 2021 00:30
 Operator : CG/JU
 Sample : M4988-08
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20211207

Quant Time: Dec 13 01:46:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

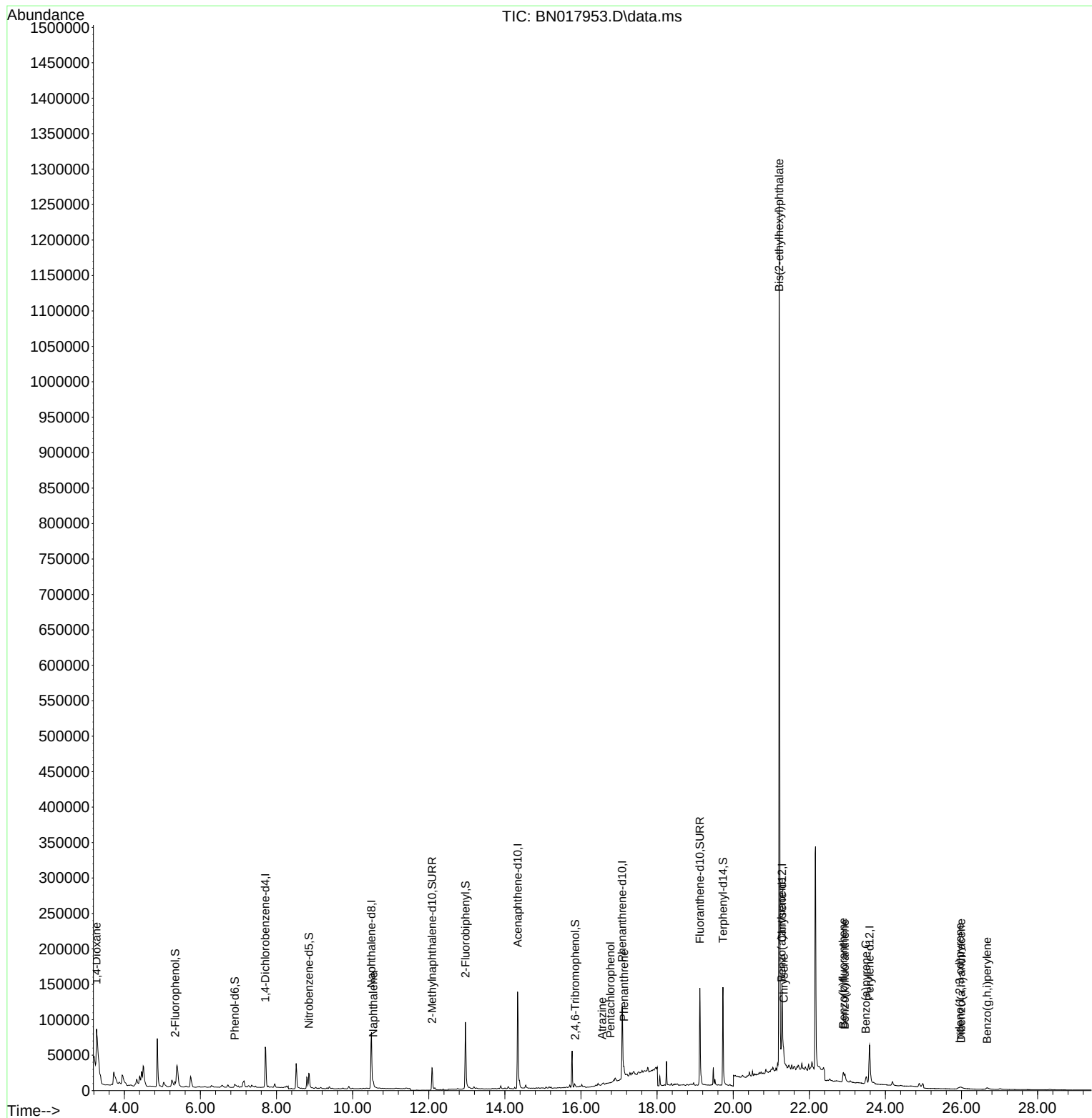
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	33102	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	131253	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	90594	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	182920	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	127723	0.400	ng	#-0.01
35) Perylene-d12	23.582	264	97442	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7868	0.115	ng	0.00
5) Phenol-d6	6.903	99	4147	0.061	ng	0.00
8) Nitrobenzene-d5	8.846	82	23244	0.271	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	57207	0.248	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3948	0.412	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	95242	0.299	ng	0.00
27) Fluoranthene-d10	19.124	212	179796	0.303	ng	0.00
31) Terphenyl-d14	19.730	244	165202	0.525	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	56249	5.599	ng	93
9) Naphthalene	10.545	128	9369	0.029	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.464	198	21	Below Cal	#	21
23) Atrazine	16.557	200	235	0.094	ng	# 18
24) Pentachlorophenol	16.776	266	91	0.116	ng	# 26
25) Phenanthrene	17.129	178	15709	0.034	ng	# 78
32) Benzo(a)anthracene	21.272	228	21873	0.103	ng	# 89
33) Chrysene	21.325	228	23984	0.057	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	1185025	8.642	ng	98
36) Indeno(1,2,3-cd)pyrene	25.954	276	2721	0.102	ng	# 38
37) Benzo(b)fluoranthene	22.887	252	18430	0.057	ng	# 1
38) Benzo(k)fluoranthene	22.935	252	15201	0.048	ng	# 1
39) Benzo(a)pyrene	23.483	252	15535	0.054	ng	# 1
40) Dibenzo(a,h)anthracene	25.985	278	4264	0.131	ng	# 1
41) Benzo(g,h,i)perylene	26.669	276	8465	0.055	ng	# 68

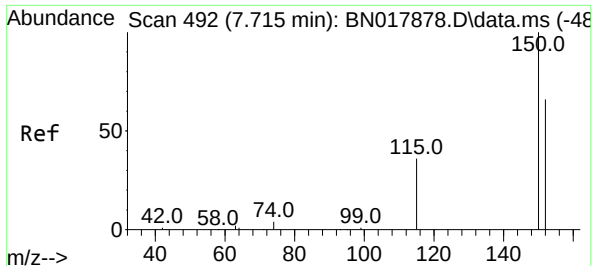
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017953.D
Acq On : 13 Dec 2021 00:30
Operator : CG/JU
Sample : M4988-08
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE104D1-20211207

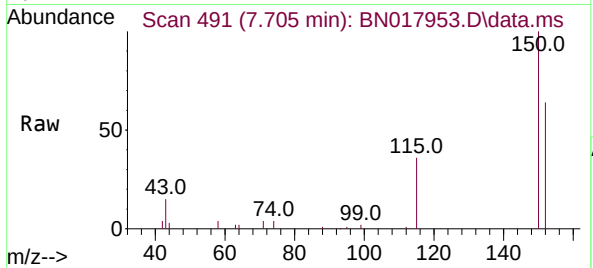
Quant Time: Dec 13 01:46:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration



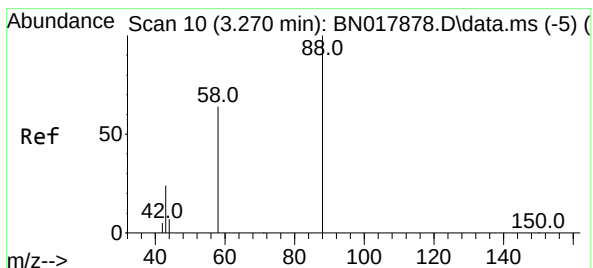
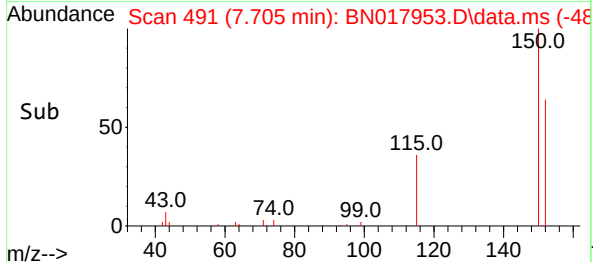
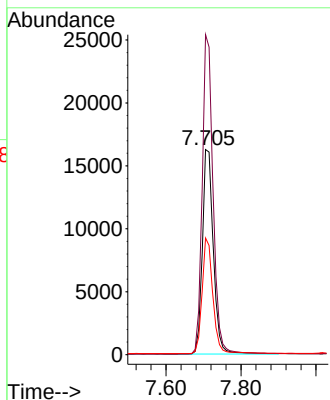


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.705 min Scan# 491
 Delta R.T. -0.010 min
 Lab File: BN017953.D
 Acq: 13 Dec 2021 00:30

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20211207

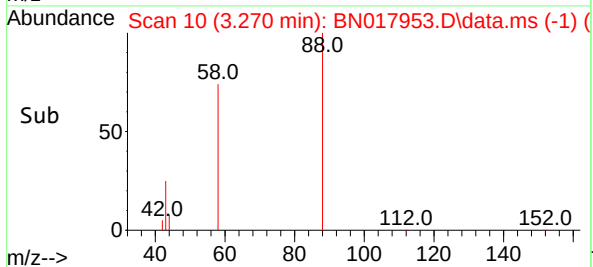
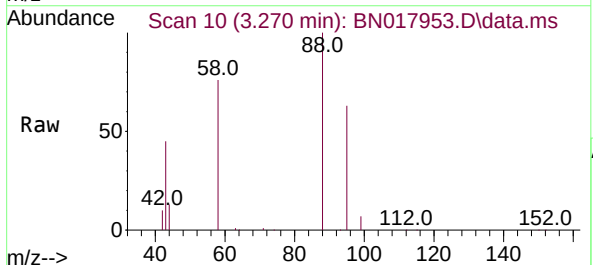
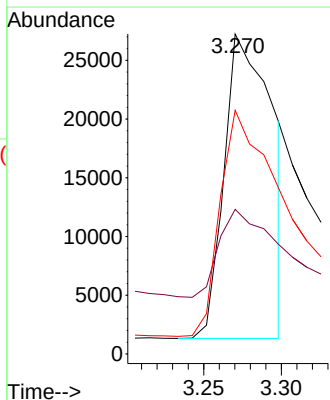


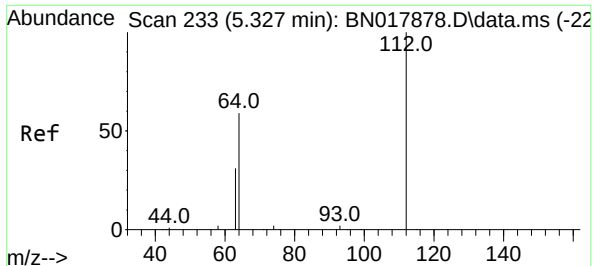
Tgt Ion:152 Resp: 33102
 Ion Ratio Lower Upper
 152 100
 150 156.0 121.9 182.9
 115 56.8 44.1 66.1



#2
 1,4-Dioxane
 Concen: 5.599 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017953.D
 Acq: 13 Dec 2021 00:30

Tgt Ion: 88 Resp: 56249
 Ion Ratio Lower Upper
 88 100
 43 29.7 28.0 42.0
 58 76.6 65.4 98.0

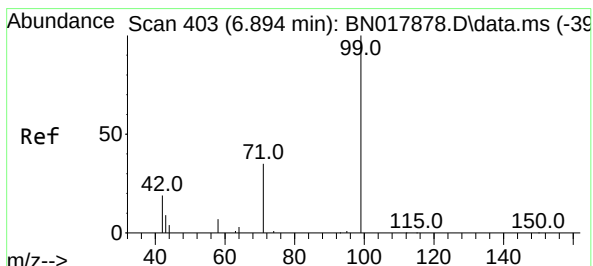
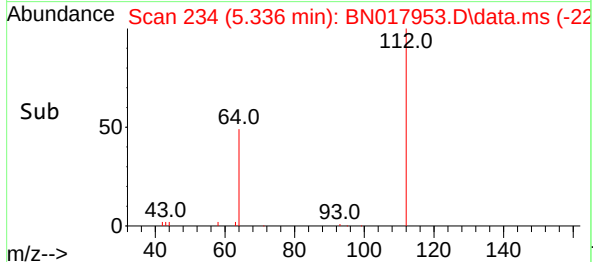
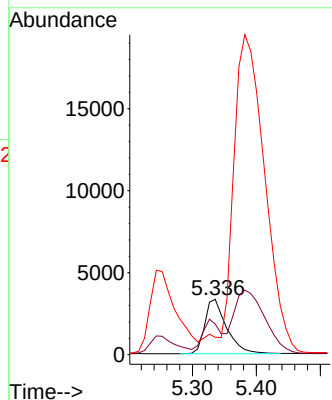
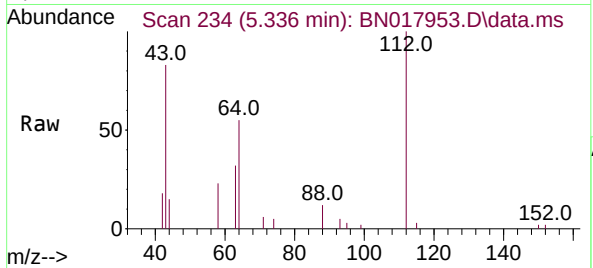




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

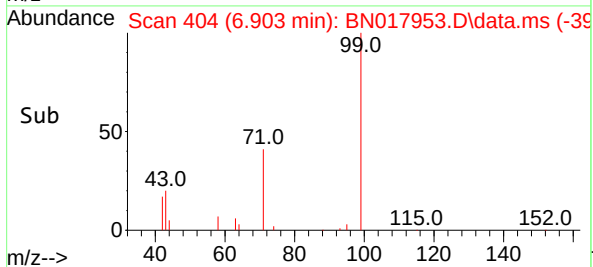
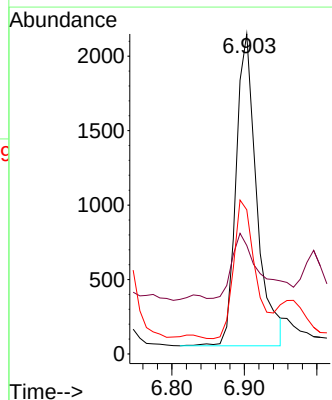
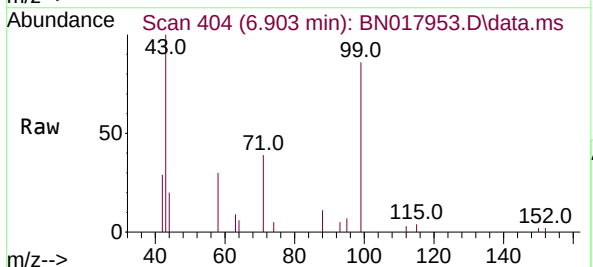
Instrument :
BNA_N
ClientSampleId :
RE104D1-20211207

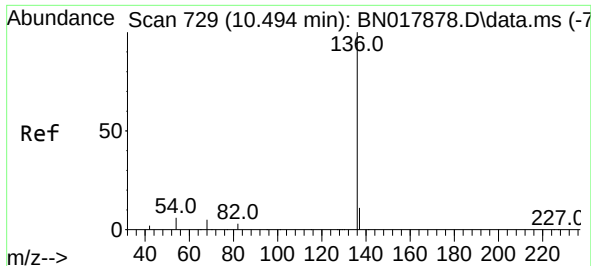
Tgt Ion:112 Resp: 7868
Ion Ratio Lower Upper
112 100
64 39.9 49.0 73.4#
63 0.0 26.2 39.2#



#5
Phenol-d6
Concen: 0.061 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

Tgt Ion: 99 Resp: 4147
Ion Ratio Lower Upper
99 100
42 26.2 17.0 25.4#
71 47.4 28.0 42.0#

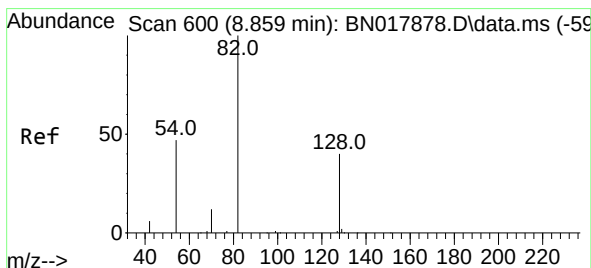
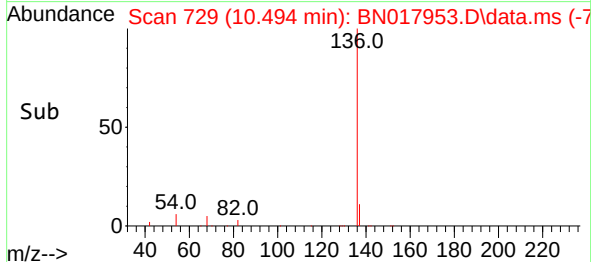
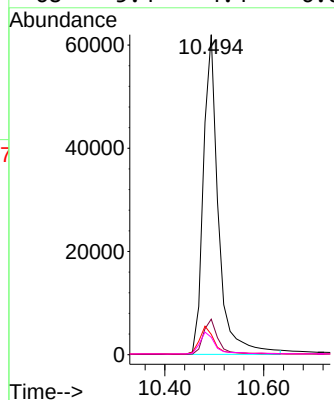
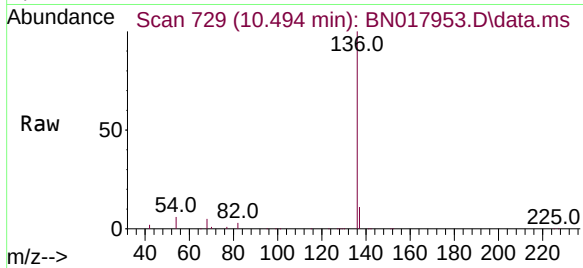




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

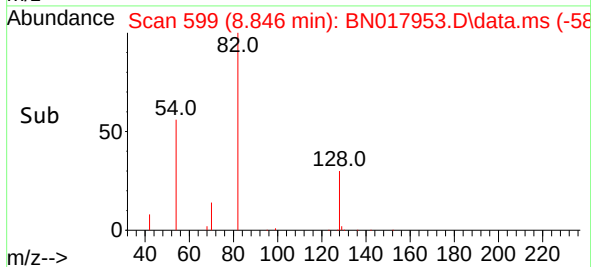
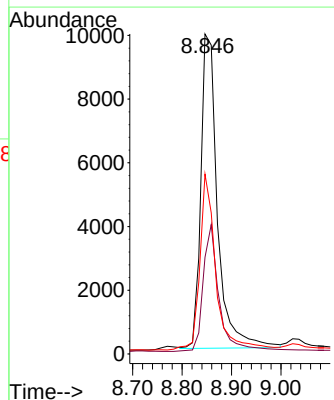
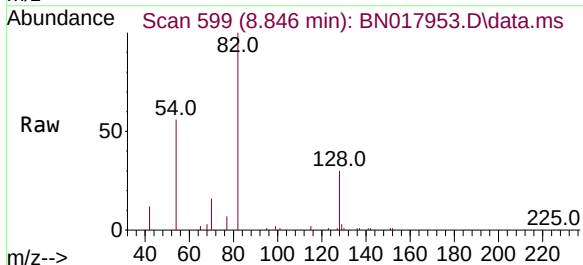
Instrument :
BNA_N
ClientSampleId :
RE104D1-20211207

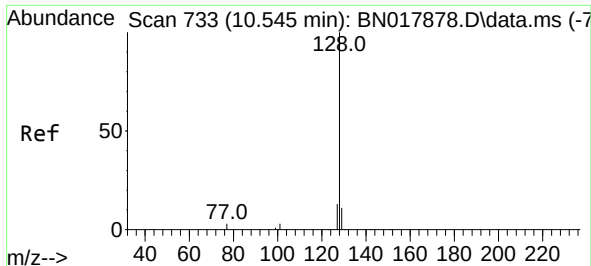
Tgt Ion:	136	Resp:	131253
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.4	5.1	7.7
68	5.4	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.846 min Scan# 599
Delta R.T. -0.013 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

Tgt Ion:	82	Resp:	23244
Ion	Ratio	Lower	Upper
82	100		
128	30.2	32.2	48.4#
54	56.2	37.6	56.4

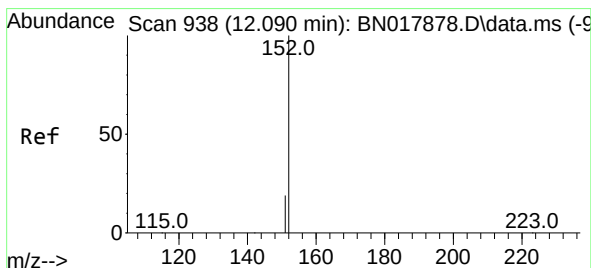
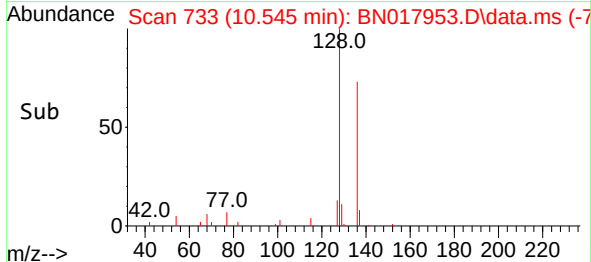
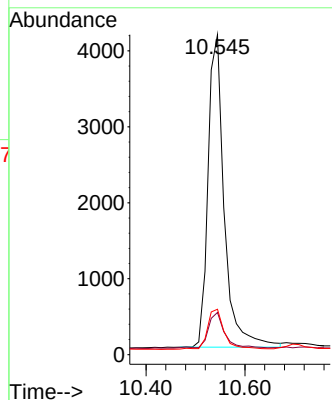
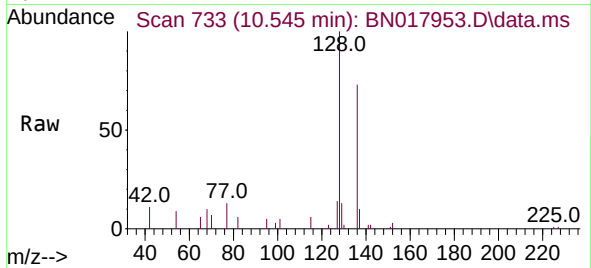




#9
Naphthalene
Concen: 0.029 ng
RT: 10.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

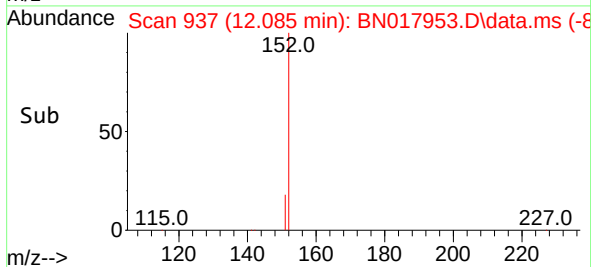
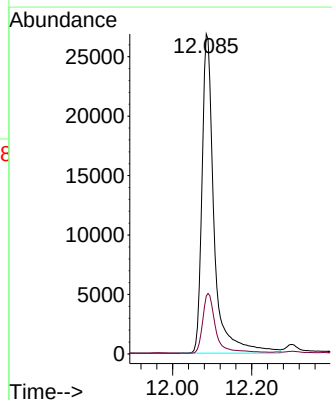
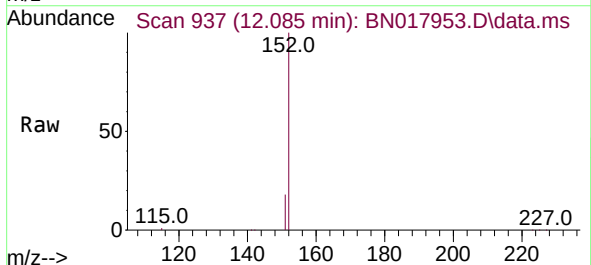
Instrument :
BNA_N
ClientSampleId :
RE104D1-20211207

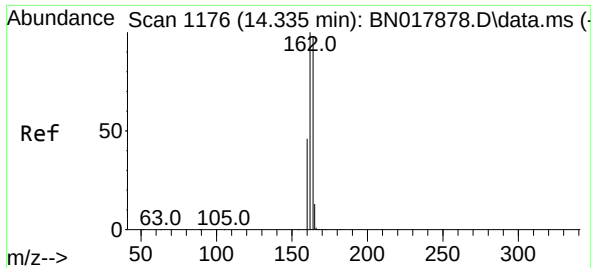
Tgt Ion:128 Resp: 9369
Ion Ratio Lower Upper
128 100
129 13.2 8.8 13.2#
127 14.2 10.5 15.7



#11
2-Methylnaphthalene-d10
Concen: 0.248 ng
RT: 12.085 min Scan# 937
Delta R.T. -0.005 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

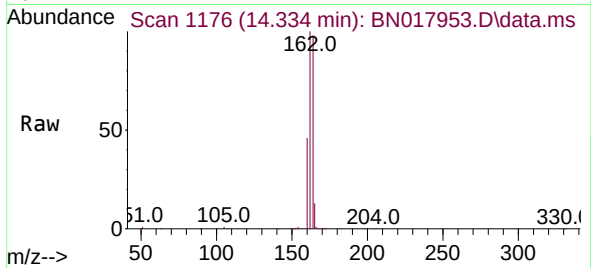
Tgt Ion:152 Resp: 57207
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6



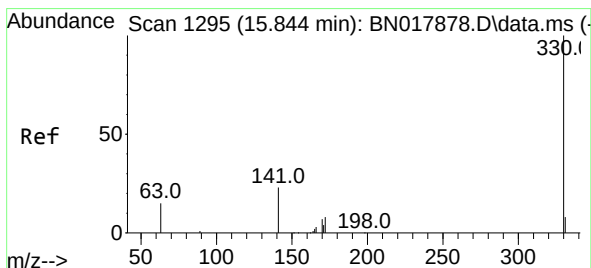
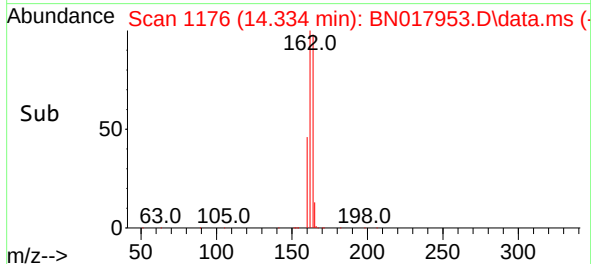
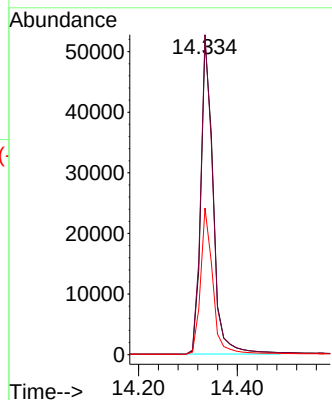


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

Instrument :
BNA_N
ClientSampleId :
RE104D1-20211207

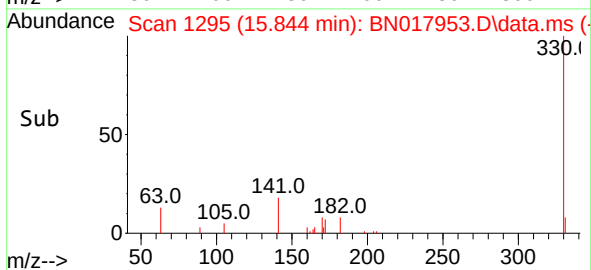
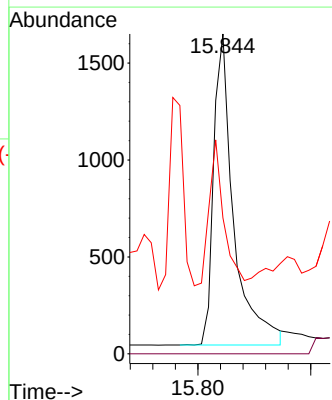
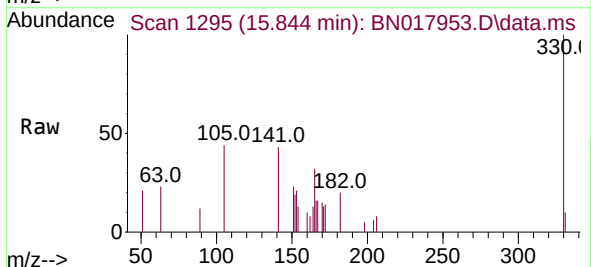


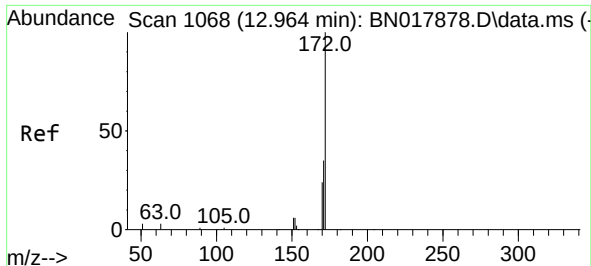
Tgt Ion:164 Resp: 90594
Ion Ratio Lower Upper
164 100
162 101.6 82.1 123.1
160 46.5 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

Tgt Ion:330 Resp: 3948
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.3 19.7 29.5#

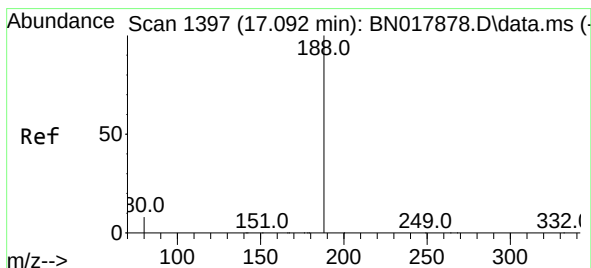
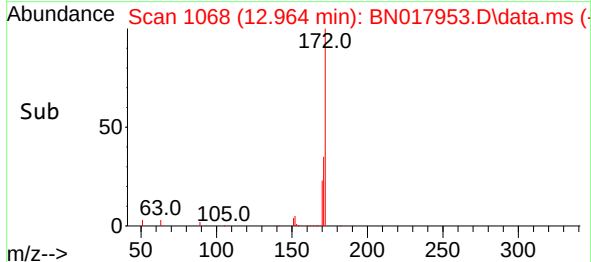
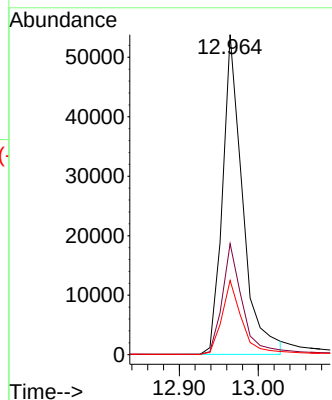
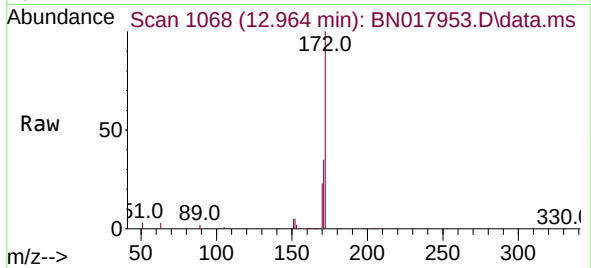




#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

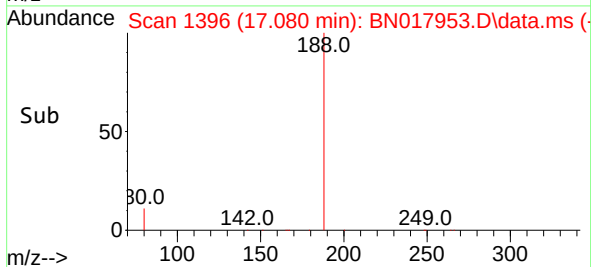
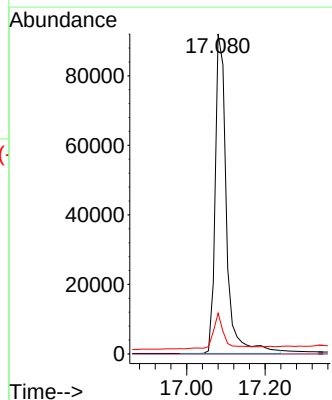
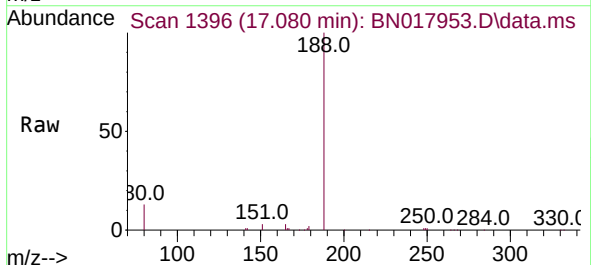
Instrument :
BNA_N
ClientSampleId :
RE104D1-20211207

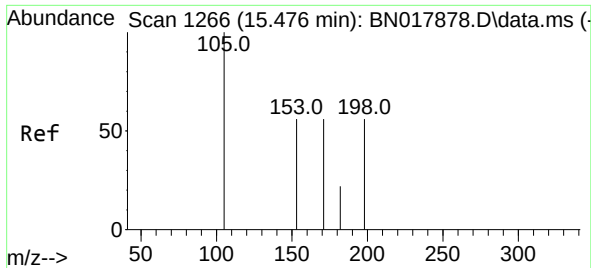
Tgt Ion:172 Resp: 95242
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.2 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

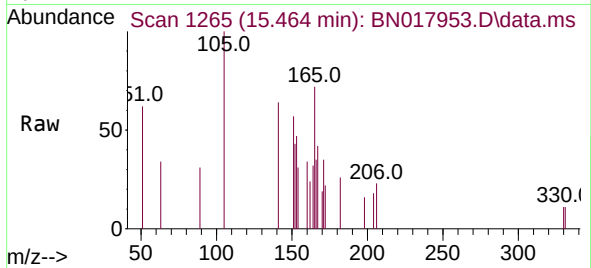
Tgt Ion:188 Resp: 182920
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 6.2 9.2#



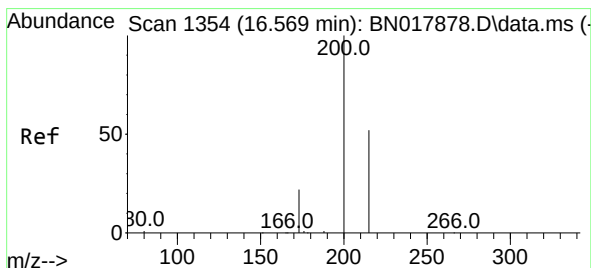
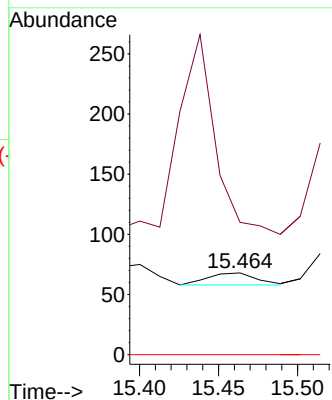
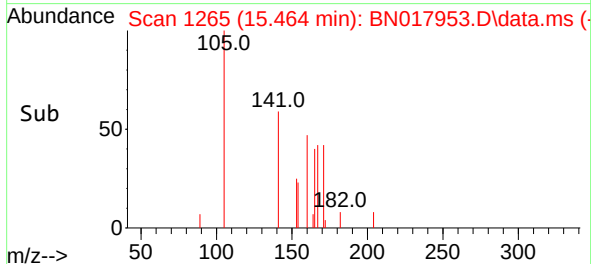


#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.464 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

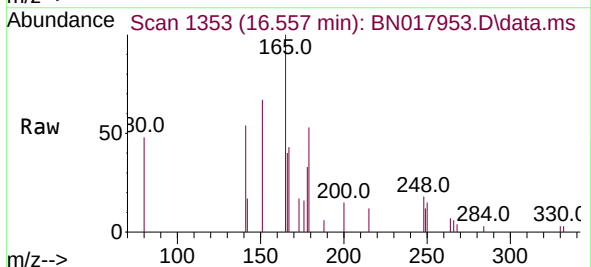
Instrument :
BNA_N
ClientSampleId :
RE104D1-20211207



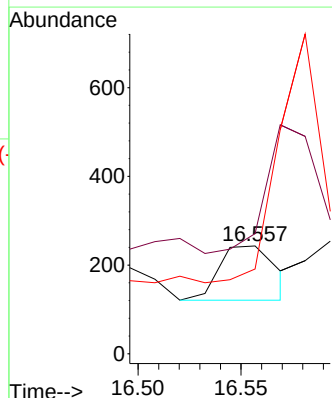
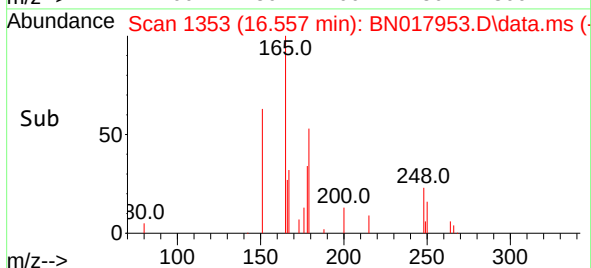
Tgt Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
182 161.8 70.8 106.2#
77 0.0 0.0 0.0

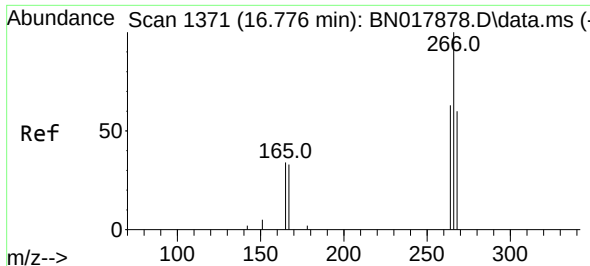


#23
Atrazine
Concen: 0.094 ng
RT: 16.557 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30



Tgt Ion:200 Resp: 235
Ion Ratio Lower Upper
200 100
173 111.5 18.2 27.2#
215 78.6 41.8 62.8#

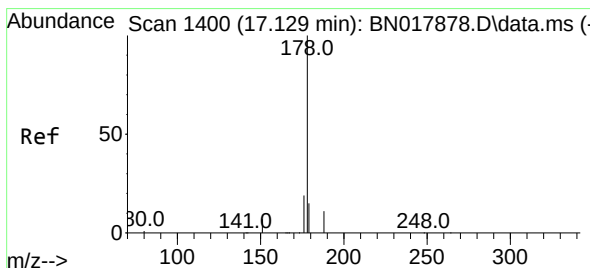
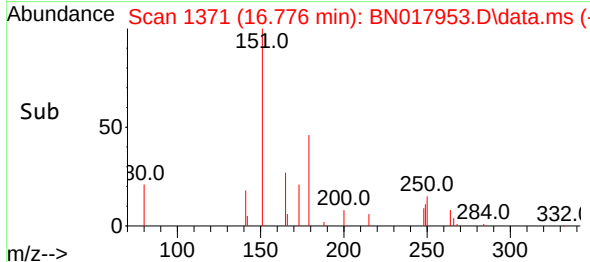
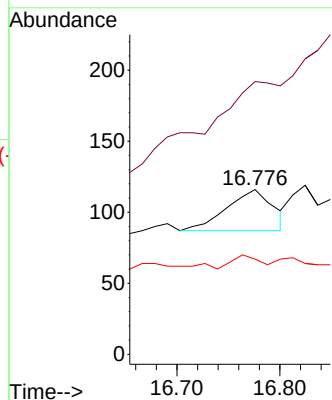
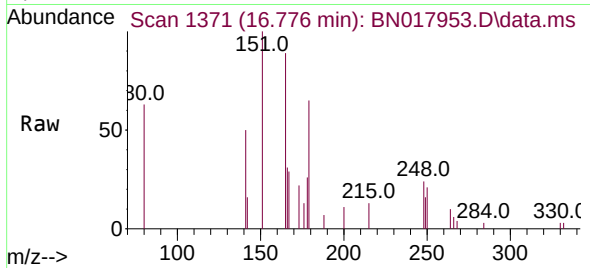




#24
 Pentachlorophenol
 Concen: 0.116 ng
 RT: 16.776 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017953.D
 Acq: 13 Dec 2021 00:30

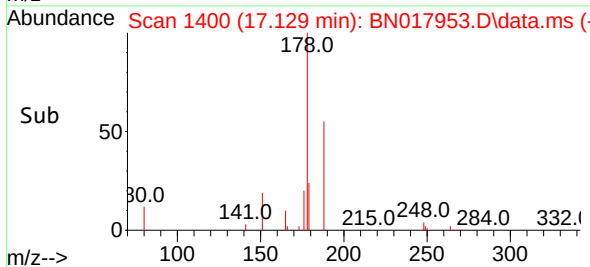
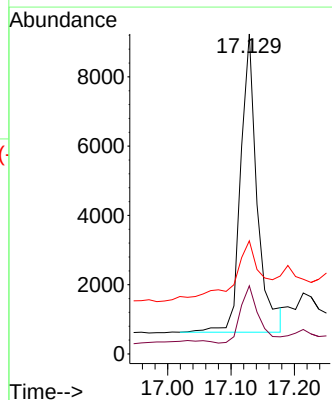
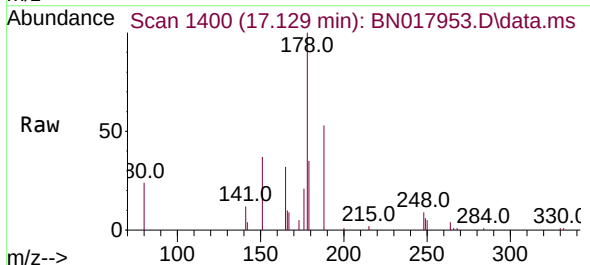
Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20211207

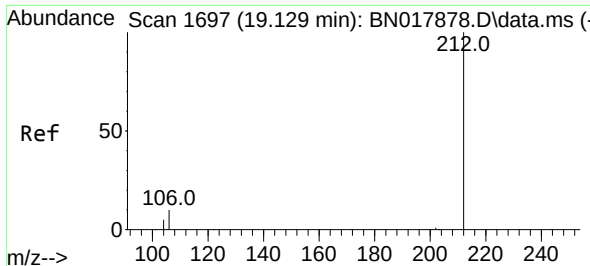
Tgt Ion:266 Resp: 91
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 13.2 53.7 80.5#



#25
 Phenanthrene
 Concen: 0.034 ng
 RT: 17.129 min Scan# 1400
 Delta R.T. -0.000 min
 Lab File: BN017953.D
 Acq: 13 Dec 2021 00:30

Tgt Ion:178 Resp: 15709
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.0 22.6
 179 33.3 12.4 18.6#

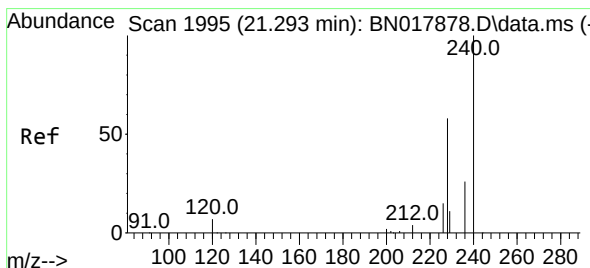
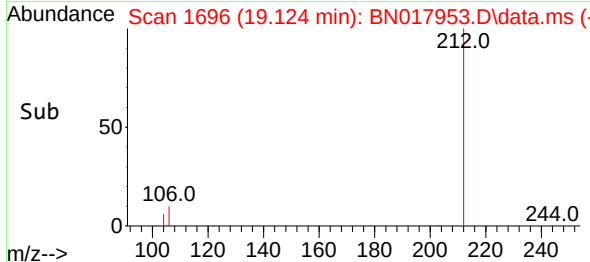
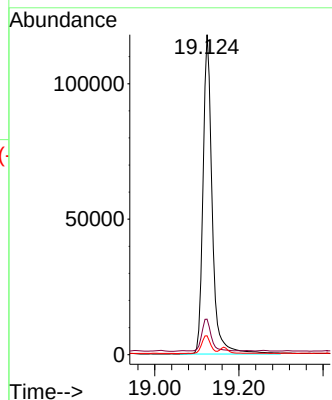
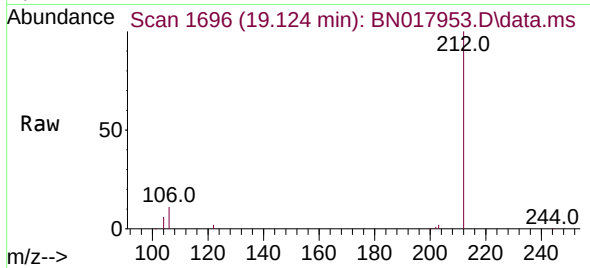




#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 19.124 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

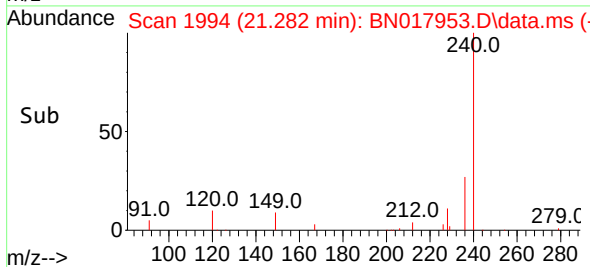
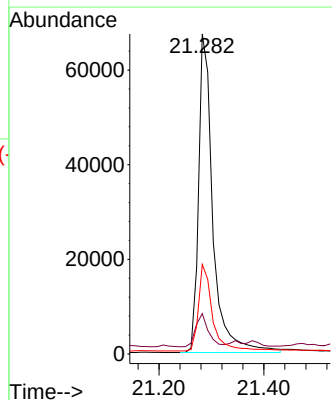
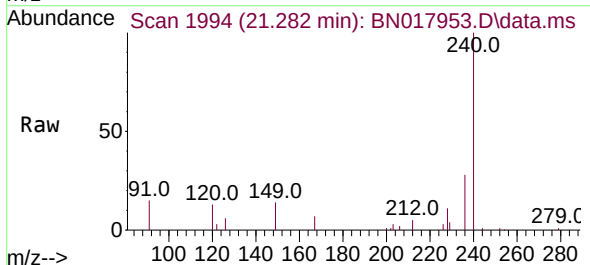
Instrument :
BNA_N
ClientSampleId :
RE104D1-20211207

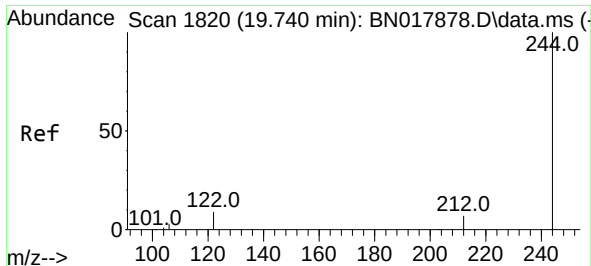
Tgt Ion:212 Resp: 179796
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.5 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

Tgt Ion:240 Resp: 127723
Ion Ratio Lower Upper
240 100
120 12.6 5.8 8.8#
236 28.0 21.0 31.6

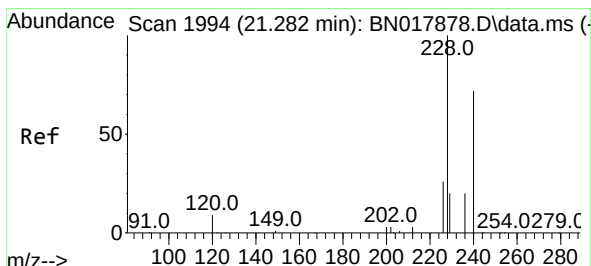
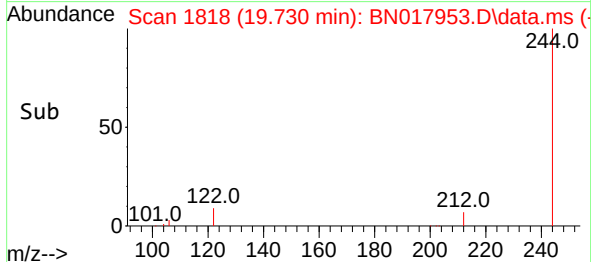
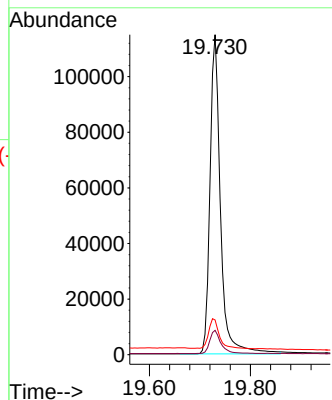
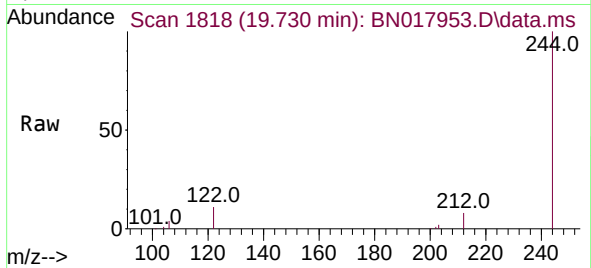




#31
Terphenyl-d14
Concen: 0.525 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

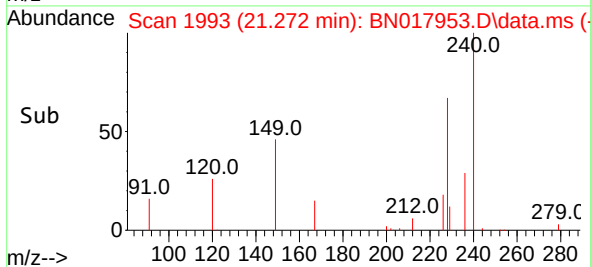
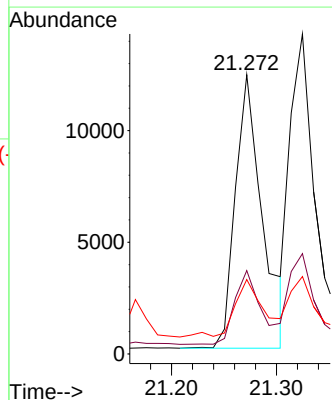
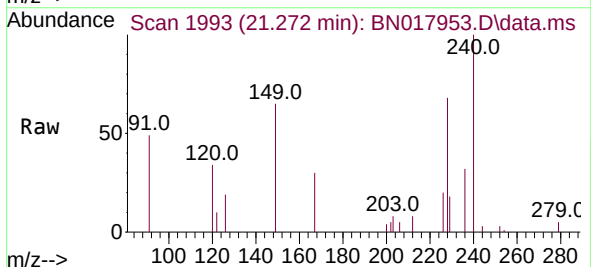
Instrument :
BNA_N
ClientSampleId :
RE104D1-20211207

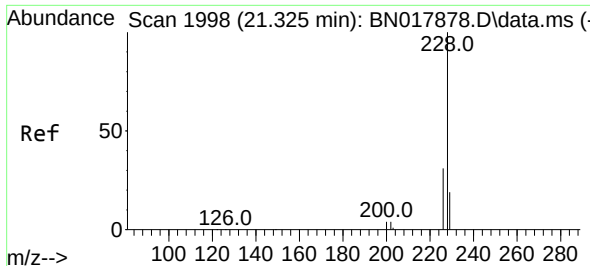
Tgt Ion:244 Resp: 165202
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 10.8 7.5 11.3



#32
Benzo(a)anthracene
Concen: 0.103 ng
RT: 21.272 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

Tgt Ion:228 Resp: 21873
Ion Ratio Lower Upper
228 100
226 29.9 21.0 31.4
229 26.7 15.8 23.8#





#33

Chrysene

Concen: 0.057 ng

RT: 21.325 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BN017953.D

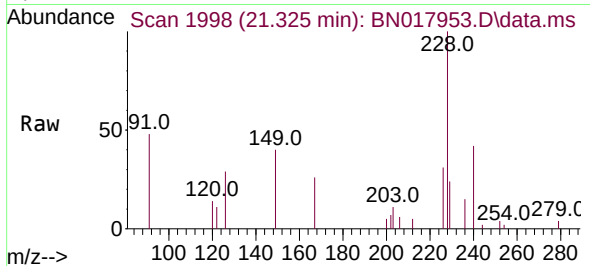
Acq: 13 Dec 2021 00:30

Instrument :

BNA_N

ClientSampleId :

RE104D1-20211207



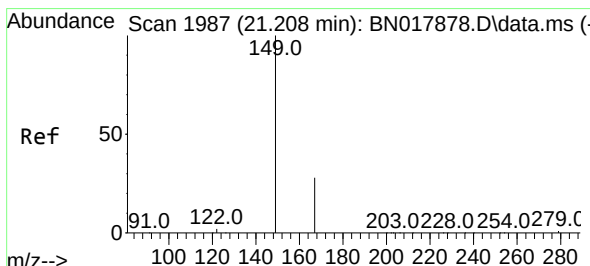
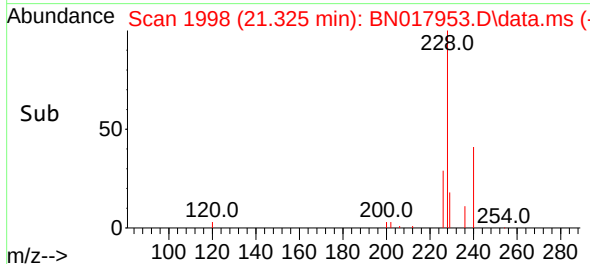
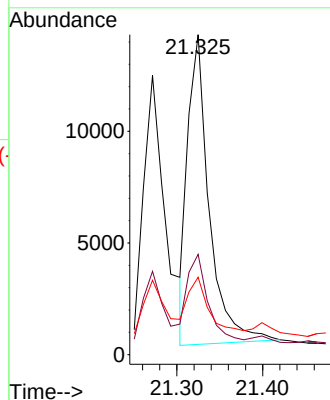
Tgt Ion:228 Resp: 23984

Ion Ratio Lower Upper

228 100

226 31.4 23.8 35.8

229 24.2 15.6 23.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 8.642 ng

RT: 21.208 min Scan# 1987

Delta R.T. -0.000 min

Lab File: BN017953.D

Acq: 13 Dec 2021 00:30

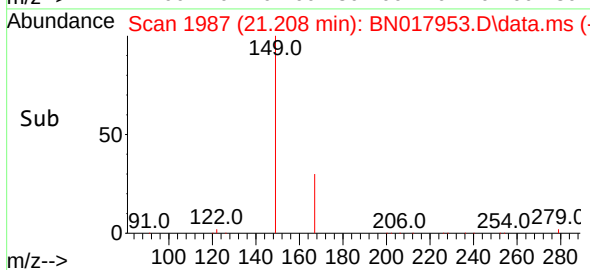
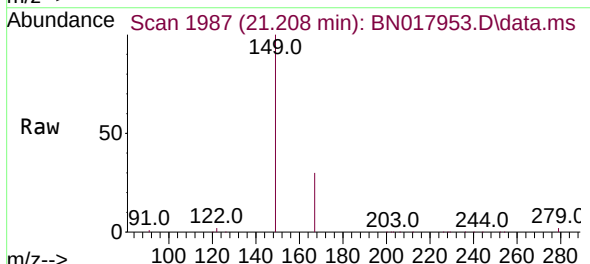
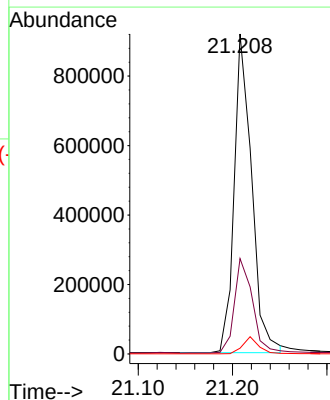
Tgt Ion:149 Resp: 1185025

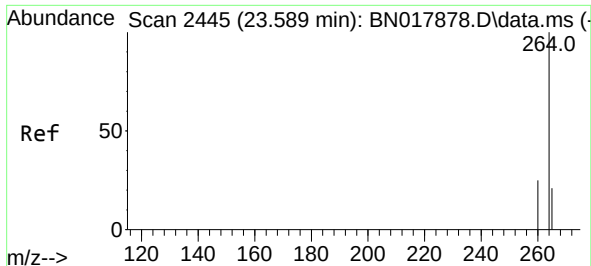
Ion Ratio Lower Upper

149 100

167 30.3 23.4 35.0

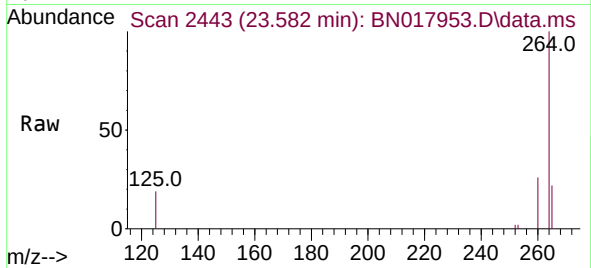
279 4.9 3.6 5.4



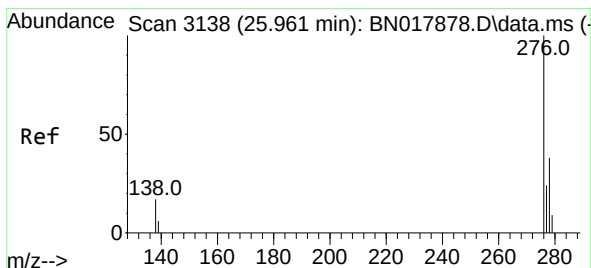
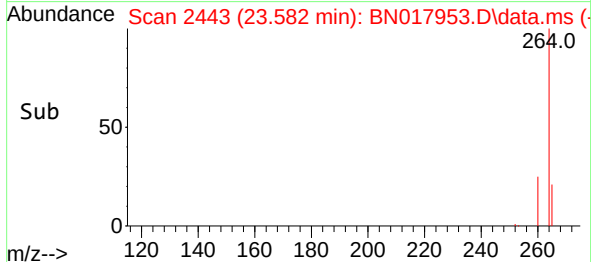
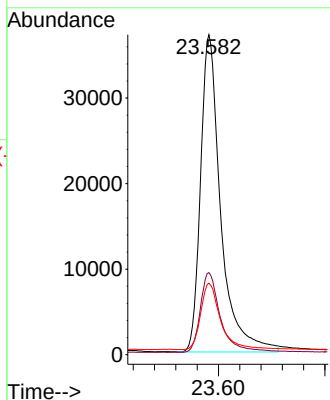


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.582 min Scan# 2445
 Delta R.T. -0.007 min
 Lab File: BN017953.D
 Acq: 13 Dec 2021 00:30

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20211207

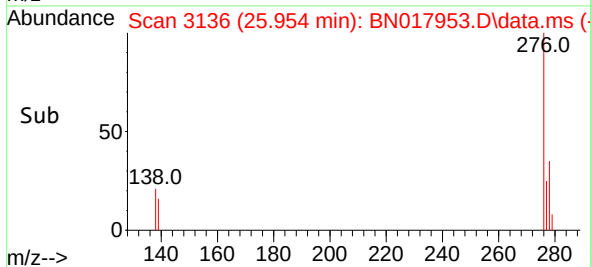
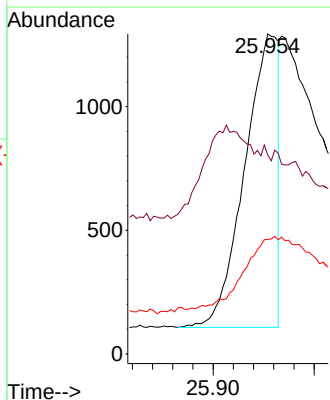
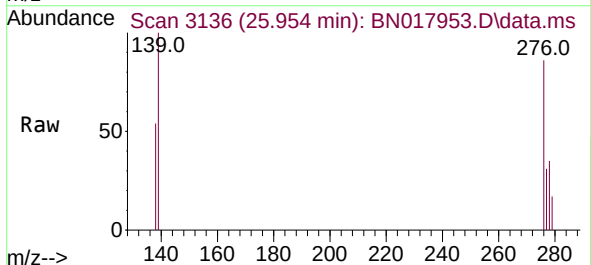


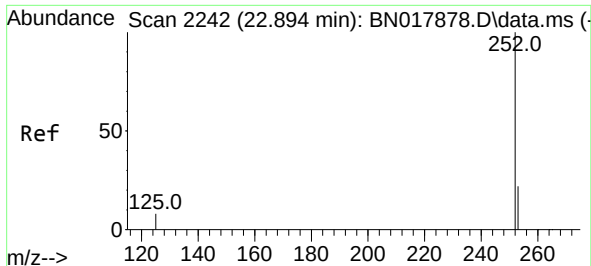
Tgt Ion:264 Resp: 97442
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.4
 265 22.3 18.2 27.4



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.102 ng
 RT: 25.954 min Scan# 3136
 Delta R.T. -0.007 min
 Lab File: BN017953.D
 Acq: 13 Dec 2021 00:30

Tgt Ion:276 Resp: 2721
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 63.1 19.8 29.6#





#37

Benzo(b)fluoranthene

Concen: 0.057 ng

RT: 22.887 min Scan# 21

Delta R.T. -0.007 min

Lab File: BN017953.D

Acq: 13 Dec 2021 00:30

Instrument :

BNA_N

ClientSampleId :

RE104D1-20211207

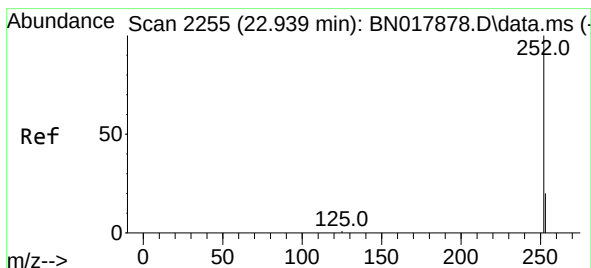
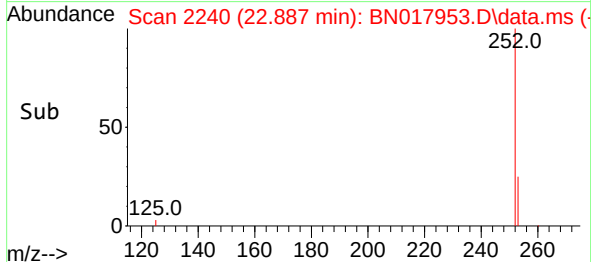
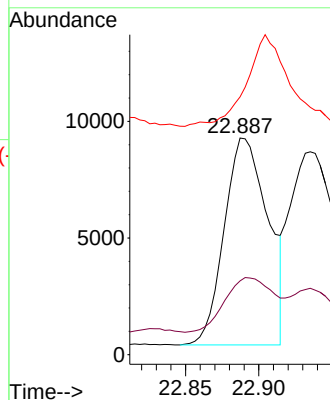
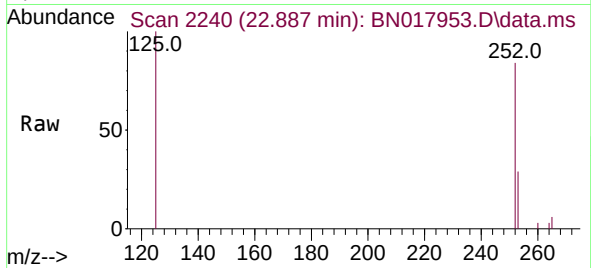
Tgt Ion:252 Resp: 18430

Ion Ratio Lower Upper

252 100

253 34.1 17.9 26.9#

125 118.9 6.8 10.2#



#38

Benzo(k)fluoranthene

Concen: 0.048 ng

RT: 22.935 min Scan# 2254

Delta R.T. -0.004 min

Lab File: BN017953.D

Acq: 13 Dec 2021 00:30

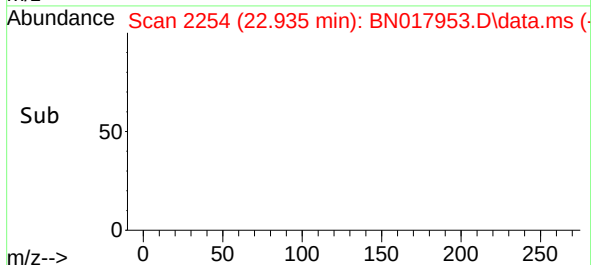
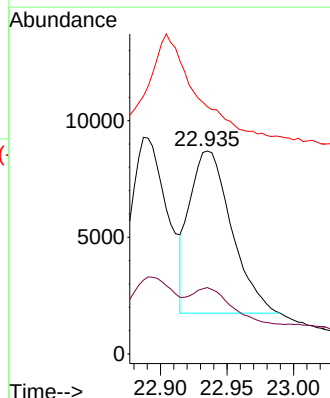
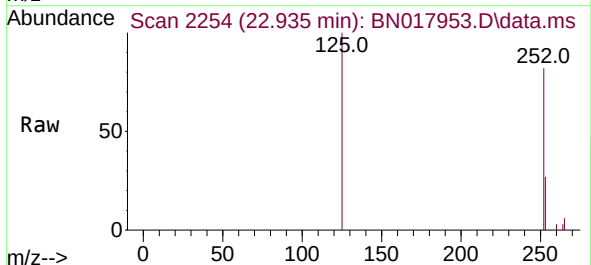
Tgt Ion:252 Resp: 15201

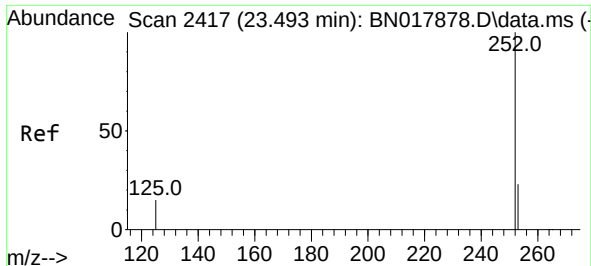
Ion Ratio Lower Upper

252 100

253 32.7 17.8 26.6#

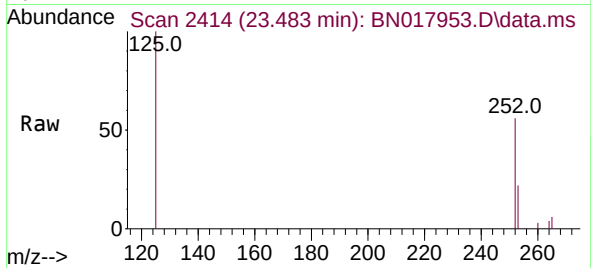
125 121.9 6.1 9.1#



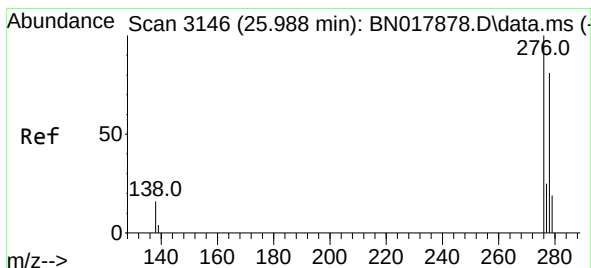
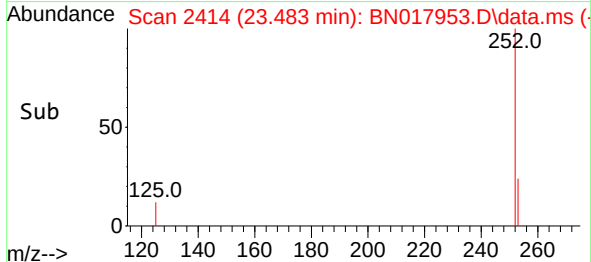
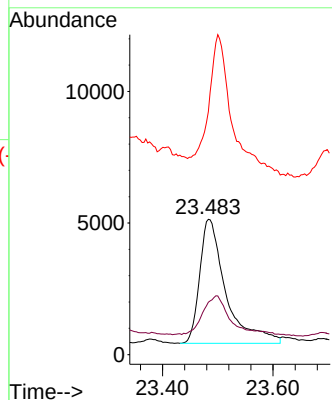


#39
Benzo(a)pyrene
Concen: 0.054 ng
RT: 23.483 min Scan# 2417
Delta R.T. -0.010 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

Instrument :
BNA_N
ClientSampleId :
RE104D1-20211207

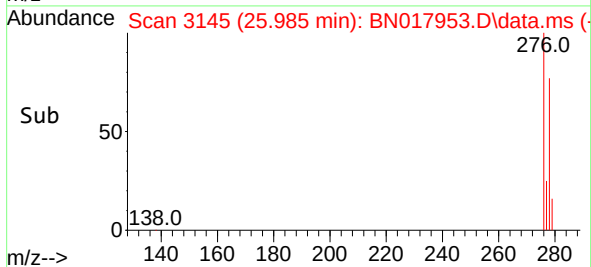
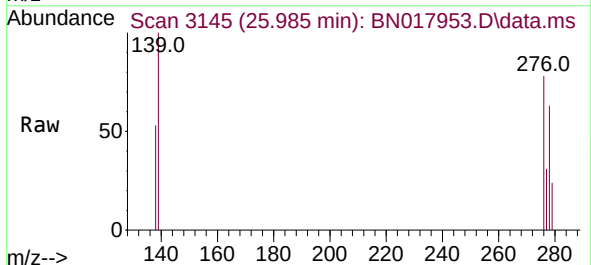
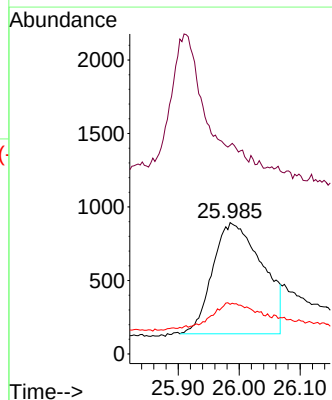


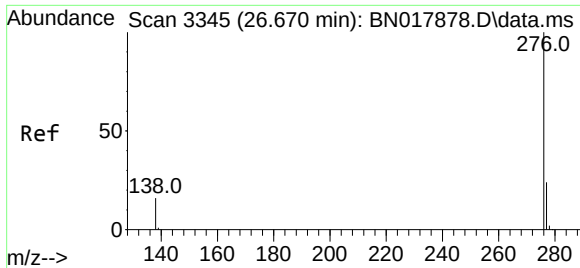
Tgt Ion:252 Resp: 15535
Ion Ratio Lower Upper
252 100
253 38.7 18.8 28.2#
125 179.5 12.2 18.2#



#40
Dibenzo(a,h)anthracene
Concen: 0.131 ng
RT: 25.985 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BN017953.D
Acq: 13 Dec 2021 00:30

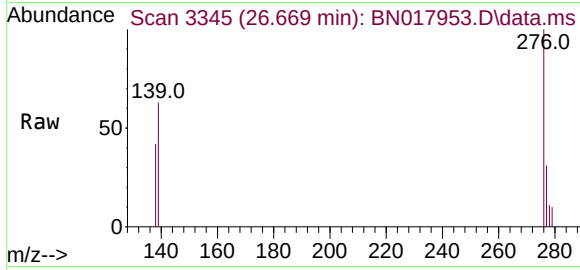
Tgt Ion:278 Resp: 4264
Ion Ratio Lower Upper
278 100
139 158.8 12.0 18.0#
279 37.8 20.8 31.2#





#41
 Benzo(g,h,i)perylene
 Concen: 0.055 ng
 RT: 26.669 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BN017953.D
 Acq: 13 Dec 2021 00:30

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20211207



Tgt Ion:276 Resp: 8465
 Ion Ratio Lower Upper
 276 100
 277 31.5 19.6 29.4#
 138 42.5 13.8 20.8#

