

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
 Data File : BN016596.D
 Acq On : 30 Sep 2021 05:20
 Operator : CG/JU
 Sample : M3922-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SUP-UST-03-(8-10)

Quant Time: Sep 30 06:13:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 02:08:37 2021
 Response via : Initial Calibration

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

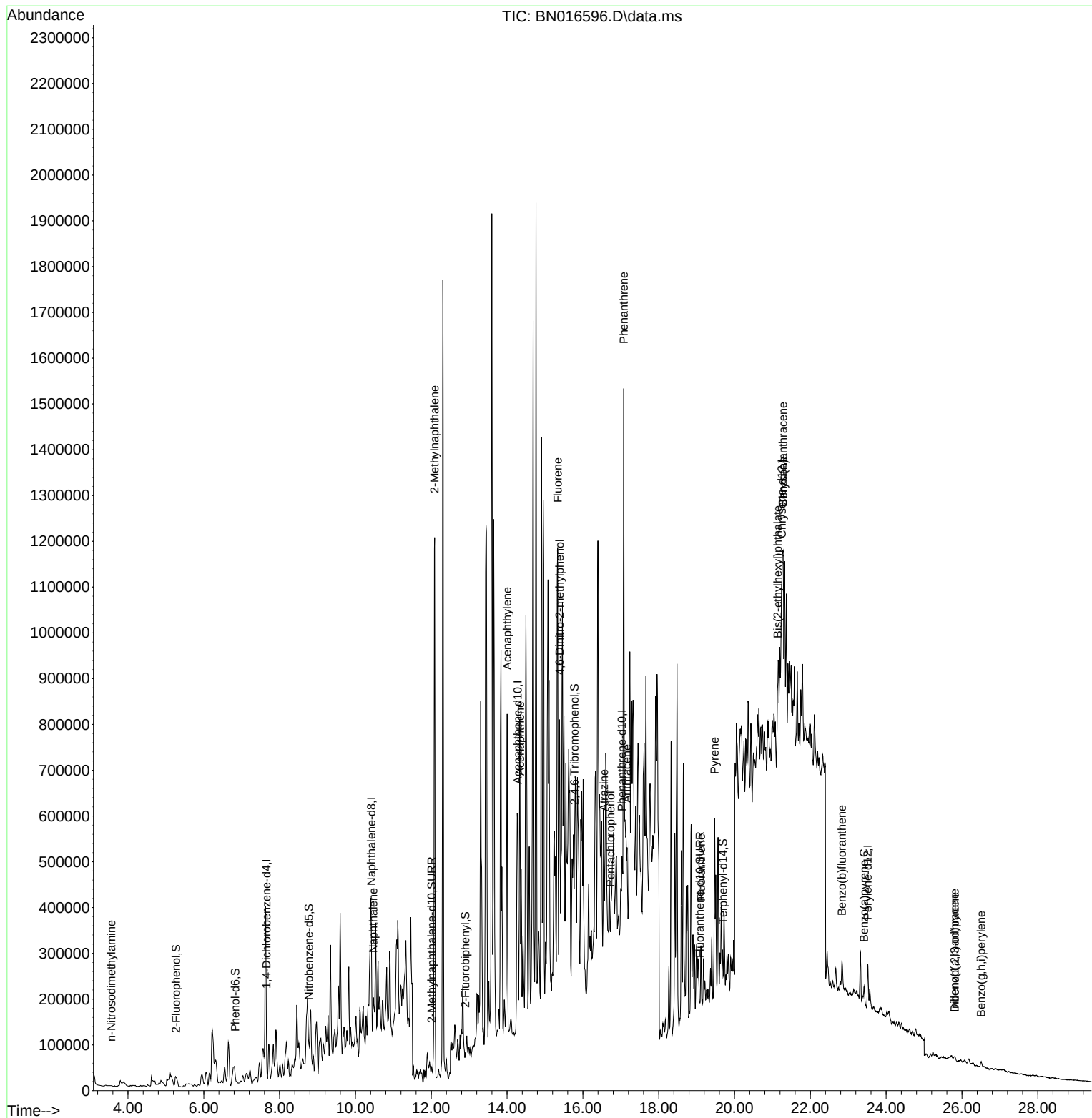
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	29871	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	140863	0.400	ng	# 0.00
13) Acenaphthene-d10	14.281	164	94439	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	156727	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	153697	0.400	ng	# 0.01
35) Perylene-d12	23.515	264	131218	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	2844	0.037	ng	0.00
5) Phenol-d6	6.831	99	4706	0.057	ng	0.00
8) Nitrobenzene-d5	8.772	82	44984	0.508	ng	-0.01
11) 2-Methylnaphthalene-d10	12.012	152	12919	0.063	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	977	0.023	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	9854	0.025	ng	0.00
27) Fluoranthene-d10	19.083	212	25434	0.059	ng	0.00
31) Terphenyl-d14	19.693	244	15664	0.047	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.558	42	1182	0.053	ng	# 1
9) Naphthalene	10.470	128	36472	0.094	ng	# 1
12) 2-Methylnaphthalene	12.087	142	857071	3.538	ng	99
16) Acenaphthylene	14.002	152	93692	0.224	ng	# 1
17) Acenaphthene	14.345	154	120023	0.432	ng	# 51
18) Fluorene	15.334	166	339623	1.028	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.385	198	3309	0.306	ng	# 1
23) Atrazine	16.555	200	3896	0.055	ng	# 1
24) Pentachlorophenol	16.725	266	2370	0.187	ng	# 20
25) Phenanthrene	17.078	178	1289032	2.726	ng	# 91
26) Anthracene	17.163	178	122335	0.300	ng	# 53
28) Fluoranthene	19.112	202	149007	0.286	ng	# 73
30) Pyrene	19.475	202	372685	0.745	ng	# 91
32) Benzo(a)anthracene	21.280	228	616589	1.317	ng	# 31
33) Chrysene	21.280	228	535745	1.092	ng	# 36
34) Bis(2-ethylhexyl)phtha...	21.142	149	12183	0.070	ng	# 52
36) Indeno(1,2,3-cd)pyrene	25.808	276	9838	0.020	ng	# 49
37) Benzo(b)fluoranthene	22.834	252	98045	0.241	ng	# 1
39) Benzo(a)pyrene	23.416	252	58932	0.155	ng	# 1
40) Dibenzo(a,h)anthracene	25.808	278	12659	0.032	ng	# 1
41) Benzo(g,h,i)perylene	26.507	276	24419	0.057	ng	# 7

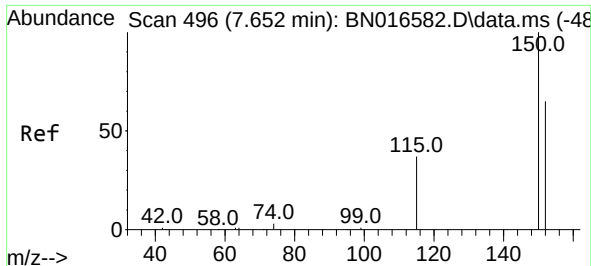
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
Data File : BN016596.D
Acq On : 30 Sep 2021 05:20
Operator : CG/JU
Sample : M3922-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

Quant Time: Sep 30 06:13:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 02:08:37 2021
Response via : Initial Calibration

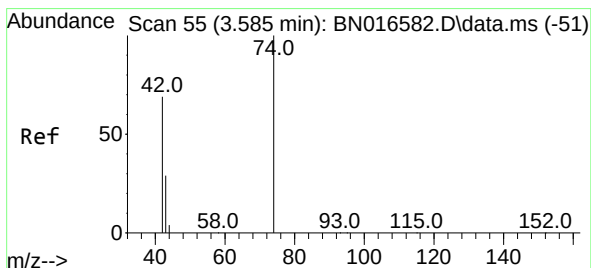
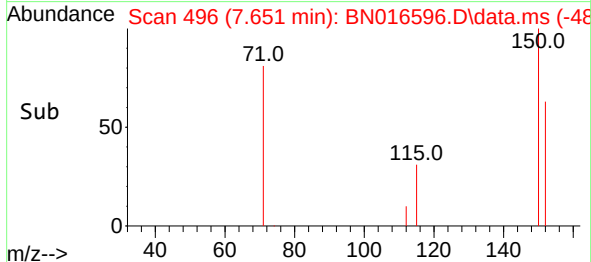
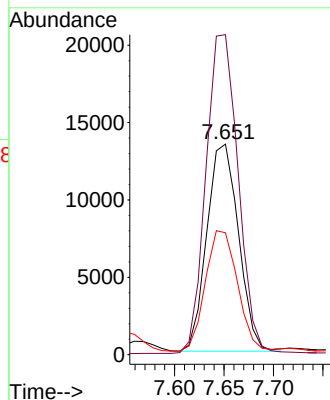
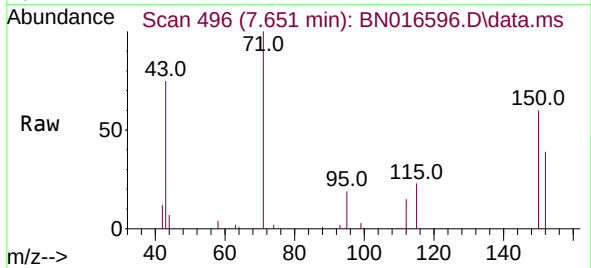




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.651 min Scan# 496
Delta R.T. -0.001 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

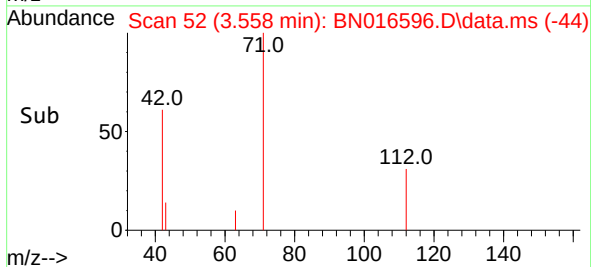
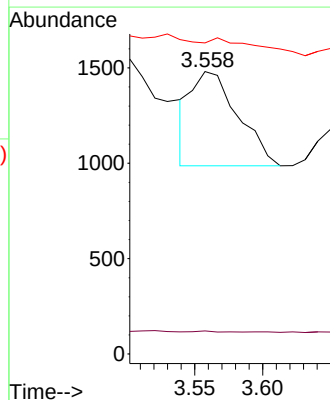
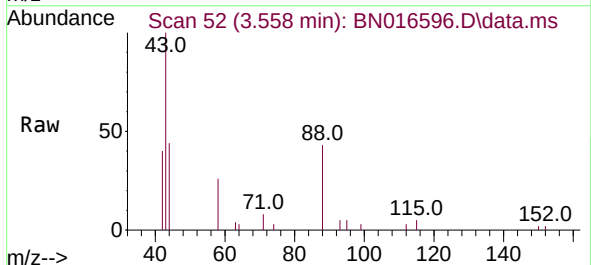
Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

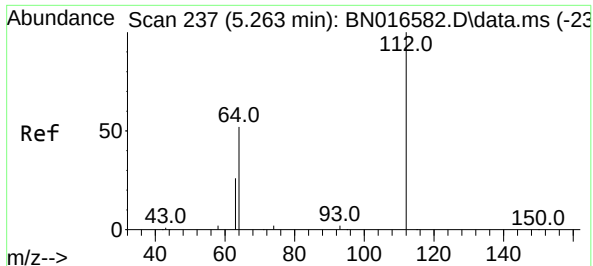
Tgt Ion:152 Resp: 29871
Ion Ratio Lower Upper
152 100
150 151.9 123.3 184.9
115 57.9 46.2 69.2



#3
n-Nitrosodimethylamine
Concen: 0.053 ng
RT: 3.558 min Scan# 52
Delta R.T. -0.028 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion: 42 Resp: 1182
Ion Ratio Lower Upper
42 100
74 0.4 123.7 185.5#
44 0.0 6.3 9.5#

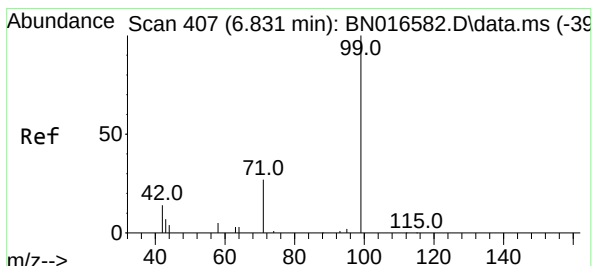
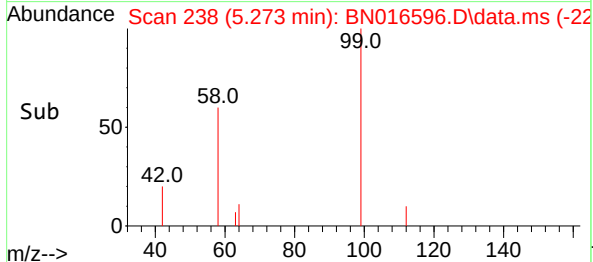
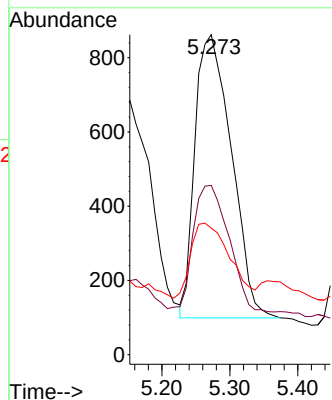
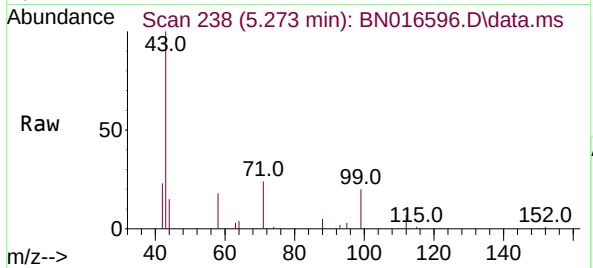




#4
2-Fluorophenol
Concen: 0.037 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.009 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

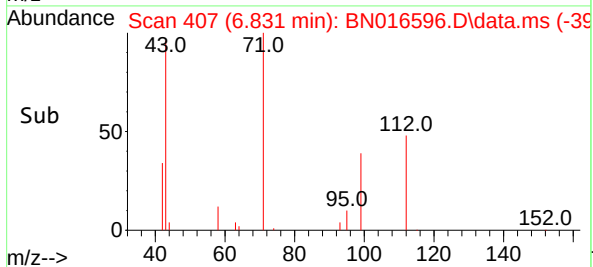
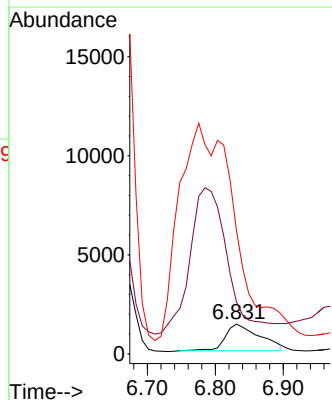
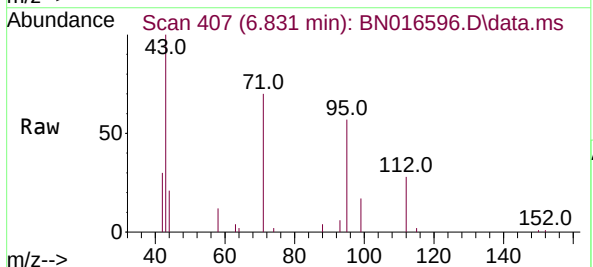
Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

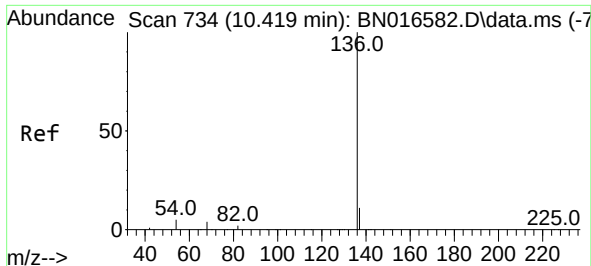
Tgt Ion:112 Resp: 2844
Ion Ratio Lower Upper
112 100
64 43.7 43.4 65.2
63 27.7 21.8 32.8



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.831 min Scan# 407
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion: 99 Resp: 4706
Ion Ratio Lower Upper
99 100
42 0.0 13.3 19.9#
71 0.0 23.7 35.5#

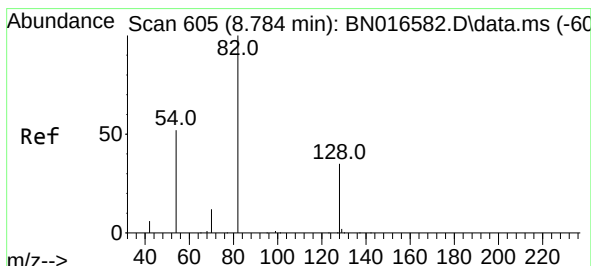
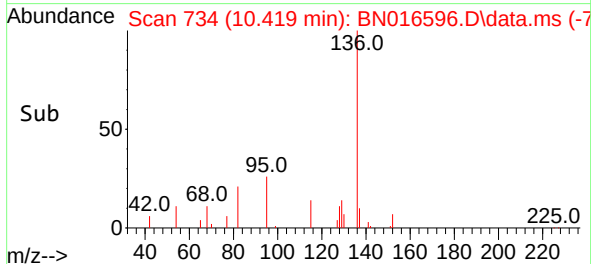
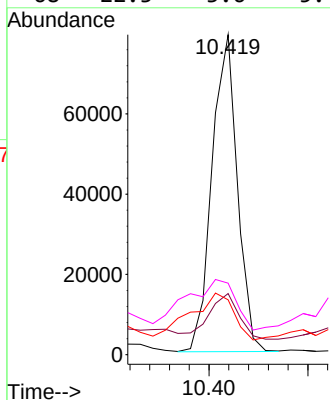
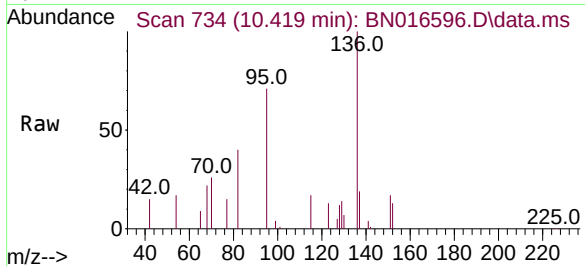




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

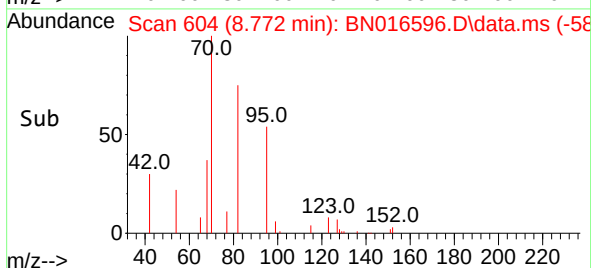
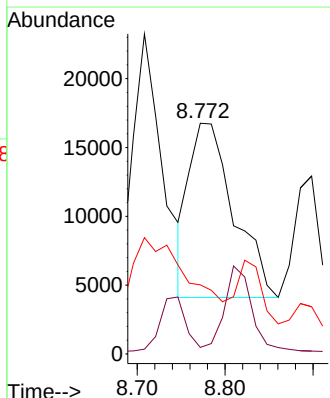
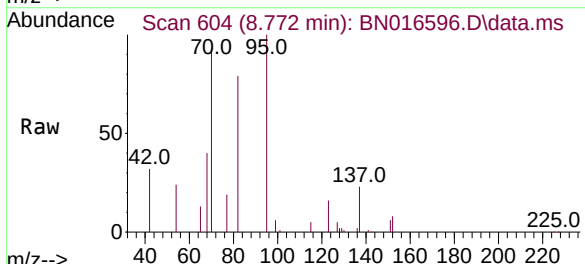
Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

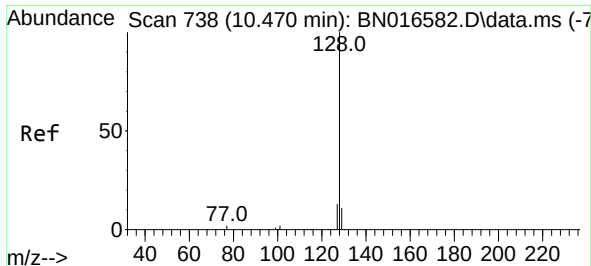
Tgt Ion:	136	Resp:	140863
Ion Ratio	Lower	Upper	
136	100		
137	19.1	8.8	13.2#
54	17.2	4.0	6.0#
68	22.3	3.6	5.4#



#8
Nitrobenzene-d5
Concen: 0.508 ng
RT: 8.772 min Scan# 604
Delta R.T. -0.013 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:	82	Resp:	44984
Ion Ratio	Lower	Upper	
82	100		
128	2.9	28.6	42.8#
54	30.0	42.0	63.0#

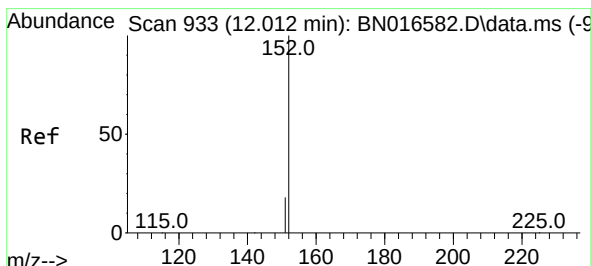
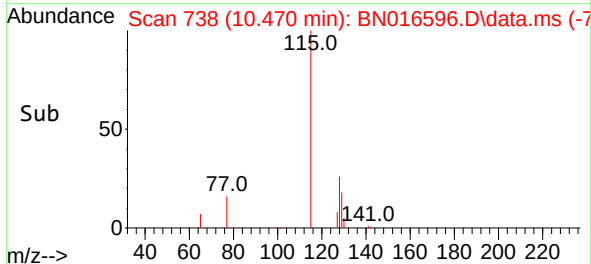
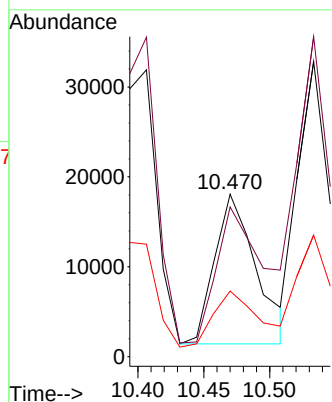
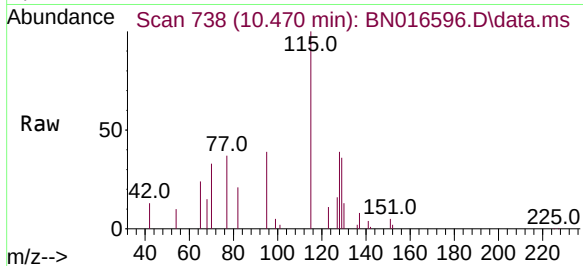




#9
Naphthalene
Concen: 0.094 ng
RT: 10.470 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

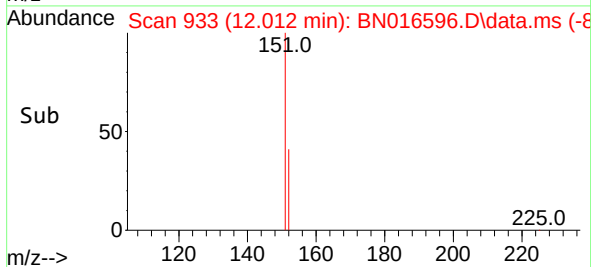
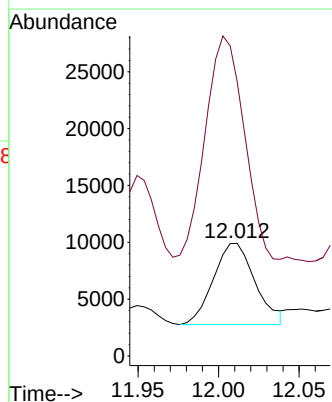
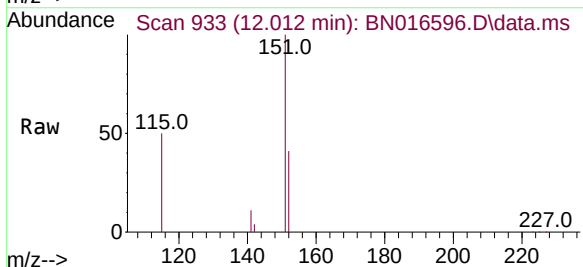
Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

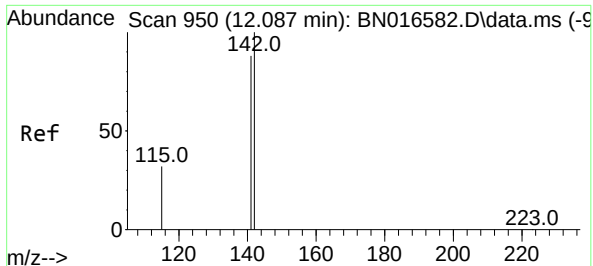
Tgt Ion:128 Resp: 36472
Ion Ratio Lower Upper
128 100
129 92.2 8.8 13.2#
127 40.4 10.1 15.1#



#11
2-Methylnaphthalene-d10
Concen: 0.063 ng
RT: 12.012 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:152 Resp: 12919
Ion Ratio Lower Upper
152 100
151 274.0 16.3 24.5#





#12

2-Methylnaphthalene

Concen: 3.538 ng

RT: 12.087 min Scan# 950

Delta R.T. -0.000 min

Lab File: BN016596.D

Acq: 30 Sep 2021 05:20

Instrument :

BNA_N

ClientSampleId :

SUP-UST-03-(8-10)

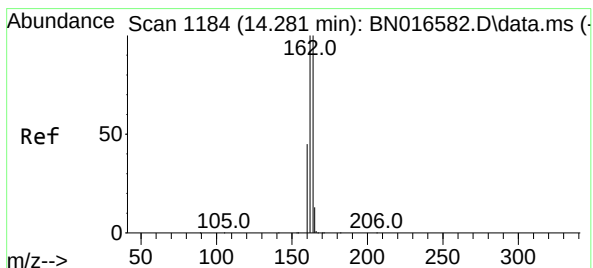
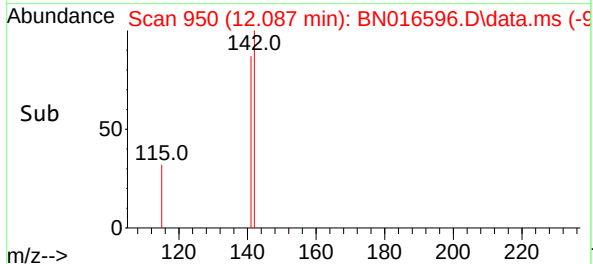
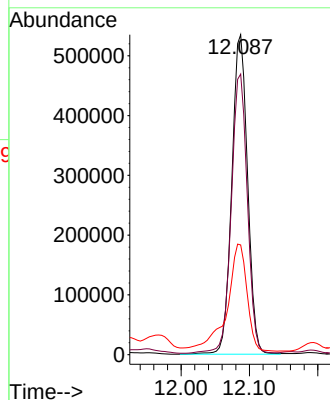
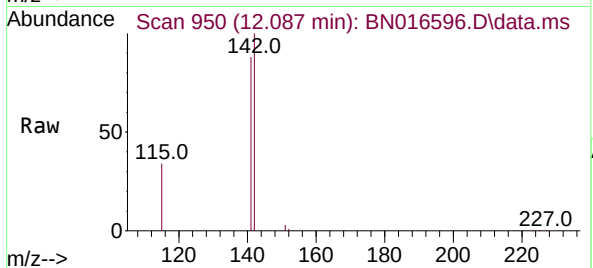
Tgt Ion:142 Resp: 857071

Ion Ratio Lower Upper

142 100

141 87.7 70.2 105.4

115 34.3 26.1 39.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.281 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BN016596.D

Acq: 30 Sep 2021 05:20

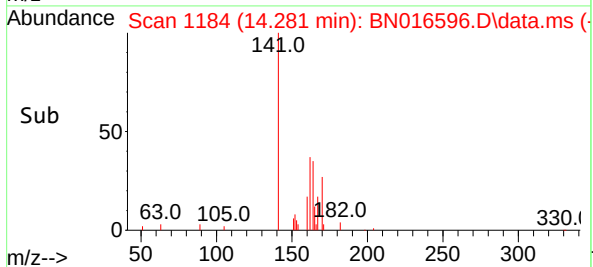
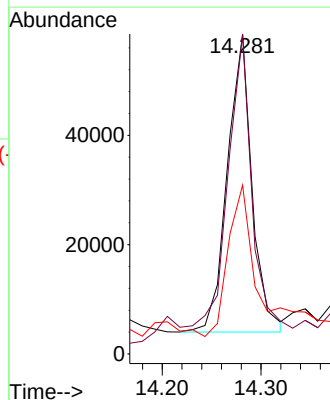
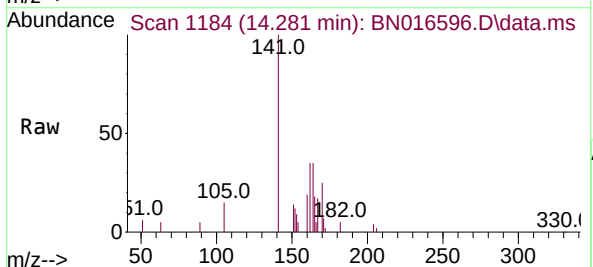
Tgt Ion:164 Resp: 94439

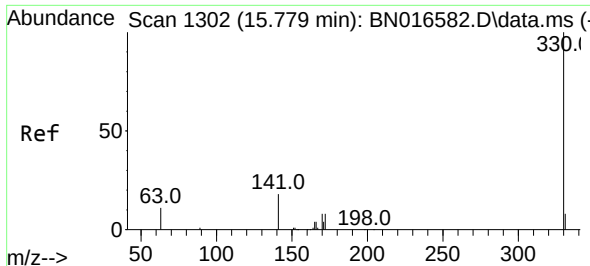
Ion Ratio Lower Upper

164 100

162 99.8 79.8 119.6

160 52.8 35.7 53.5

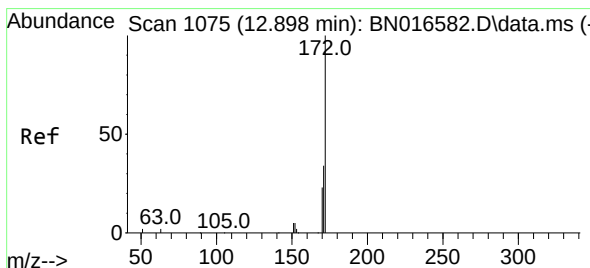
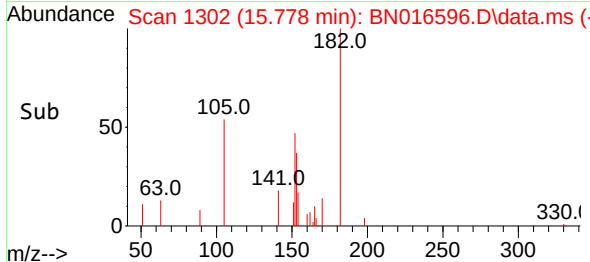
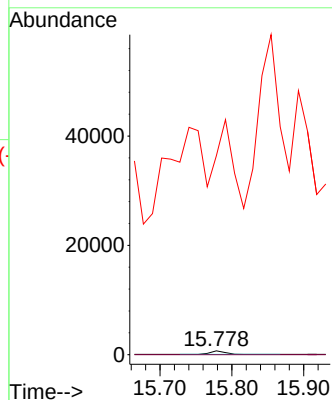
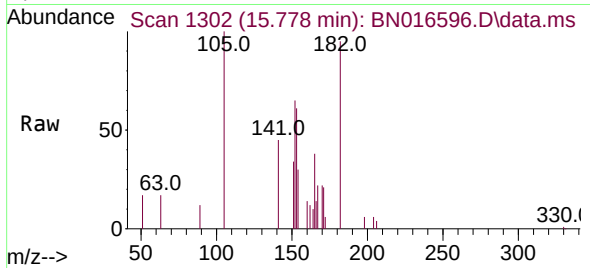




#14
2,4,6-Tribromophenol
Concen: 0.023 ng
RT: 15.778 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

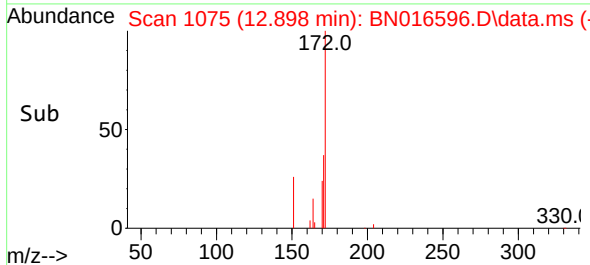
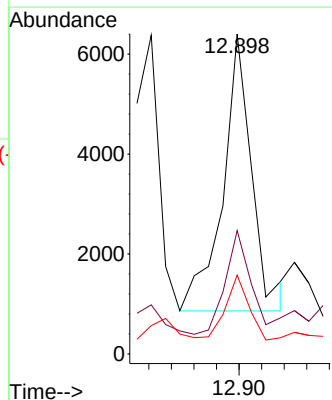
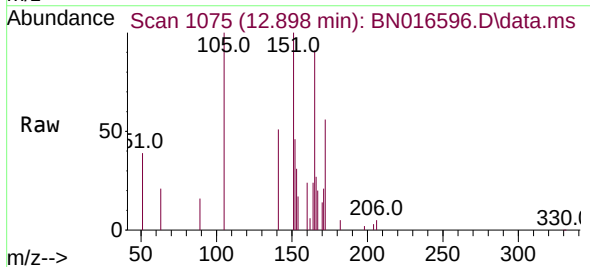
Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

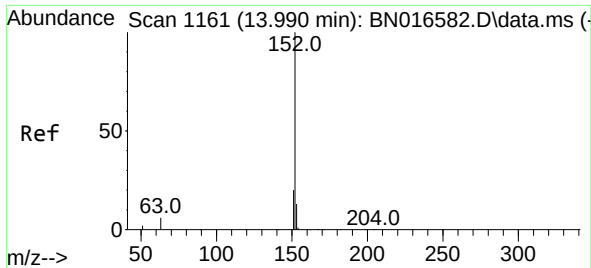
Tgt Ion:330 Resp: 977
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 2516.4 25.4 38.2#



#15
2-Fluorobiphenyl
Concen: 0.025 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:172 Resp: 9854
Ion Ratio Lower Upper
172 100
171 38.6 27.6 41.4
170 24.7 18.7 28.1

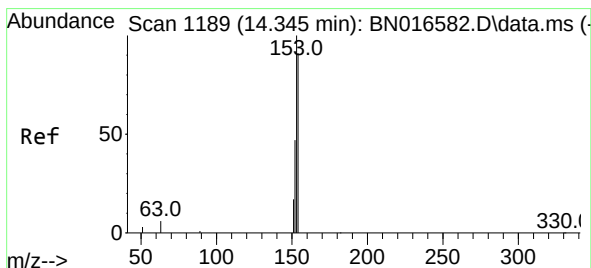
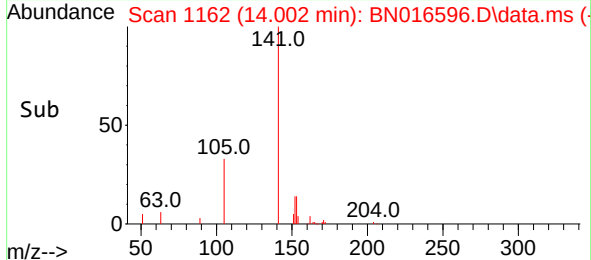
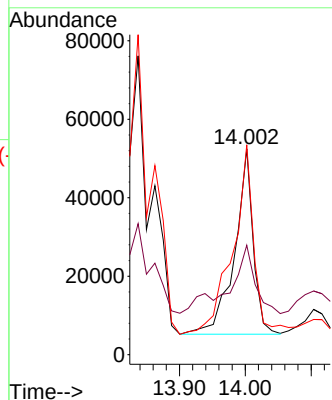
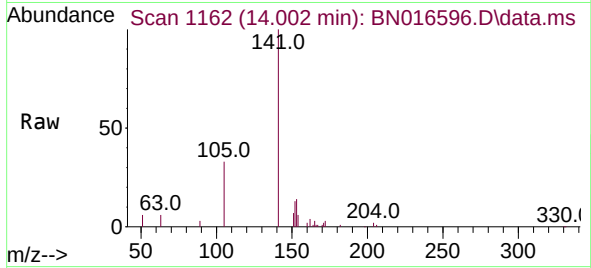




#16
Acenaphthylene
Concen: 0.224 ng
RT: 14.002 min Scan# 1162
Delta R.T. 0.013 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

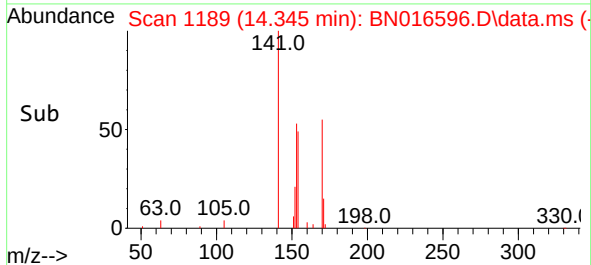
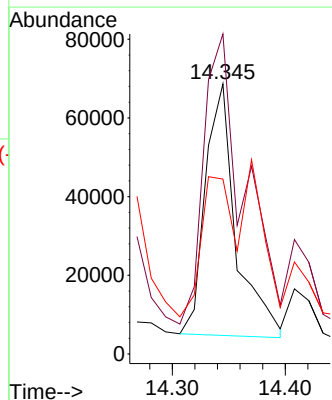
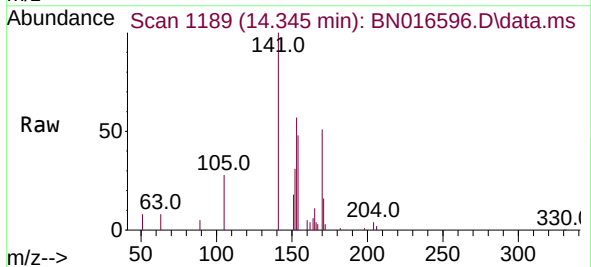
Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

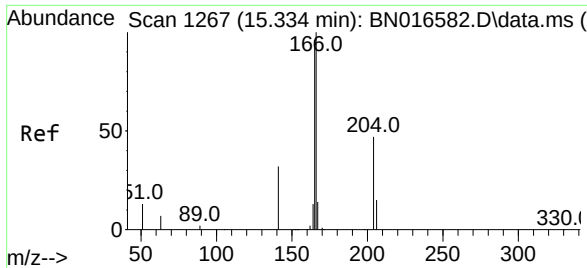
Tgt Ion:152 Resp: 93692
Ion Ratio Lower Upper
152 100
151 40.2 15.4 23.2#
153 109.5 10.4 15.6#



#17
Acenaphthene
Concen: 0.432 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:154 Resp: 120023
Ion Ratio Lower Upper
154 100
153 150.5 90.5 135.7#
152 0.0 44.5 66.7#

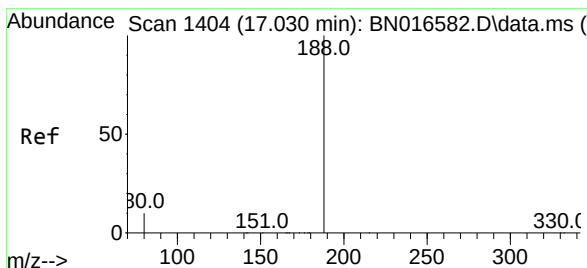
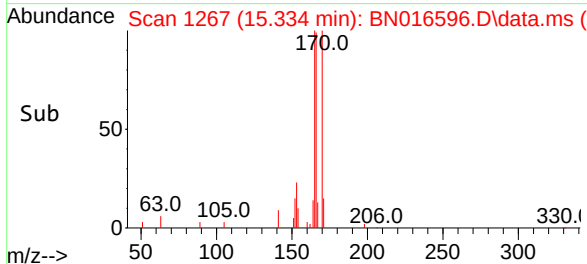
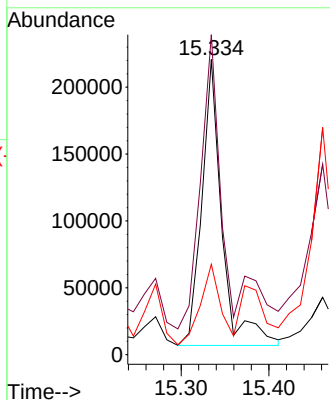
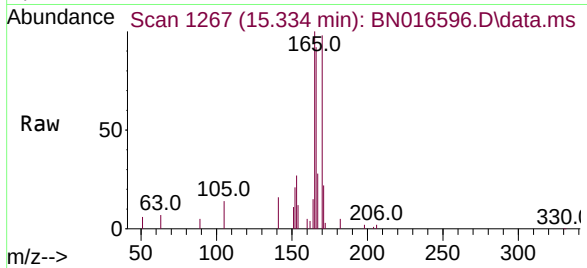




#18
Fluorene
Concen: 1.028 ng
RT: 15.334 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

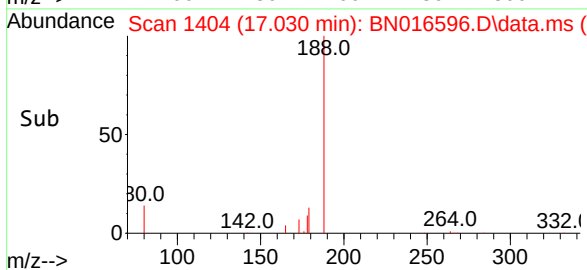
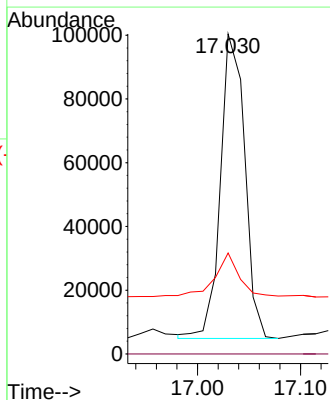
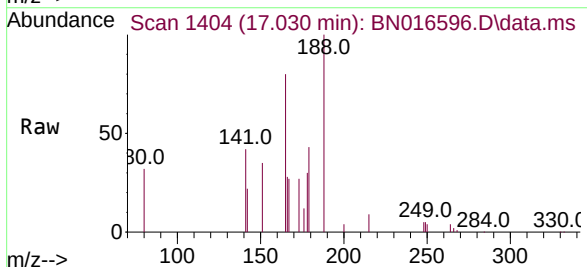
Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

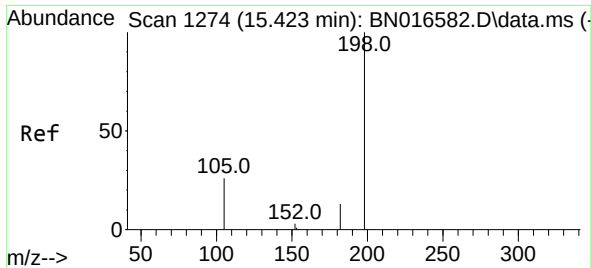
Tgt Ion:166 Resp: 339623
Ion Ratio Lower Upper
166 100
165 120.4 78.1 117.1#
167 28.5 10.7 16.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:188 Resp: 156727
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 31.5 8.1 12.1#

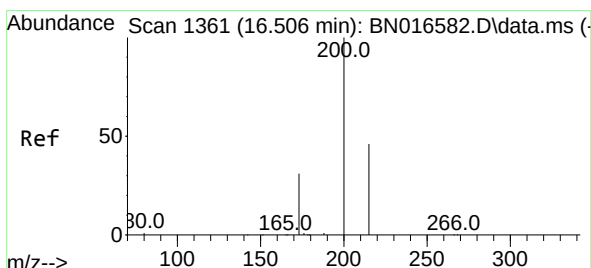
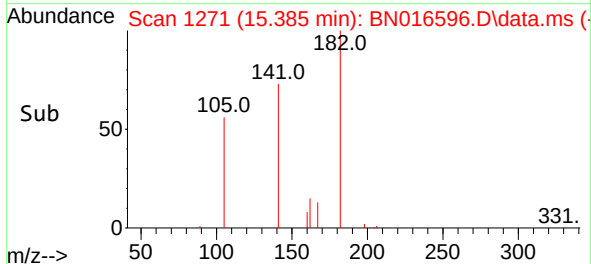
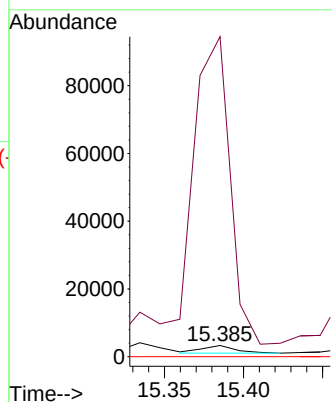
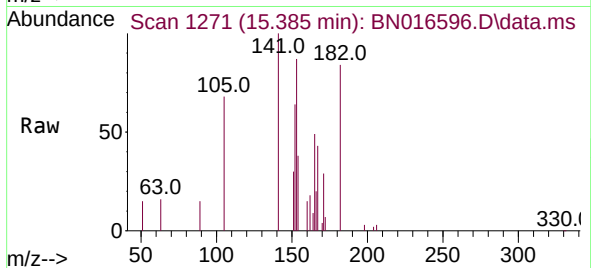




#20
4,6-Dinitro-2-methylphenol
Concen: 0.306 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.038 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

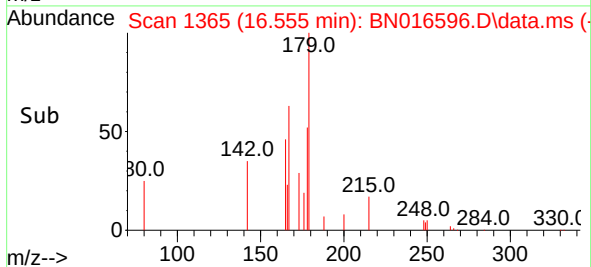
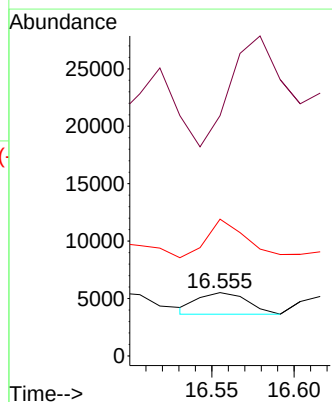
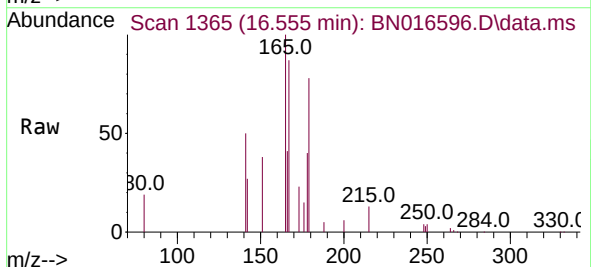
Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

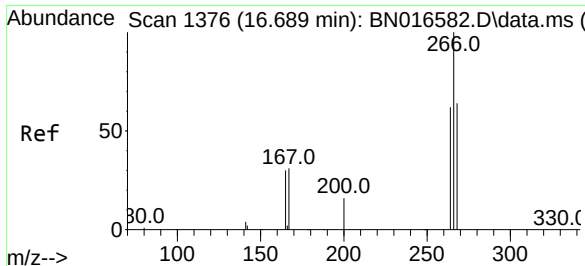
Tgt Ion:198 Resp: 3309
Ion Ratio Lower Upper
198 100
182 2841.0 12.3 18.5#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.055 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.049 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:200 Resp: 3896
Ion Ratio Lower Upper
200 100
173 379.3 25.0 37.6#
215 215.8 37.1 55.7#

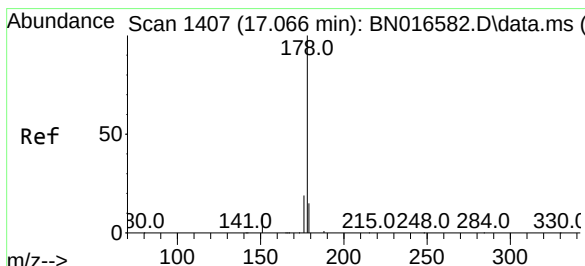
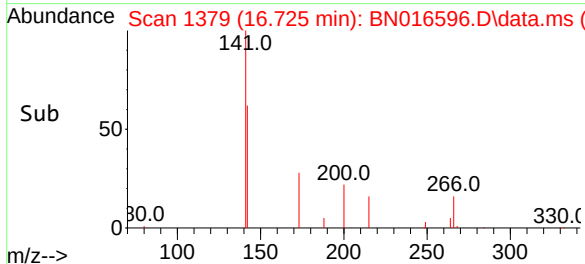
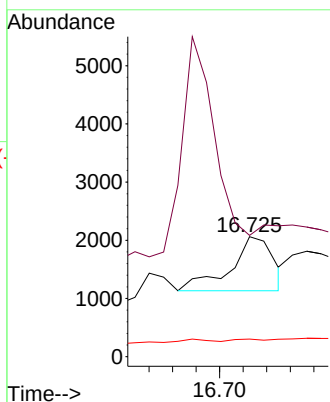
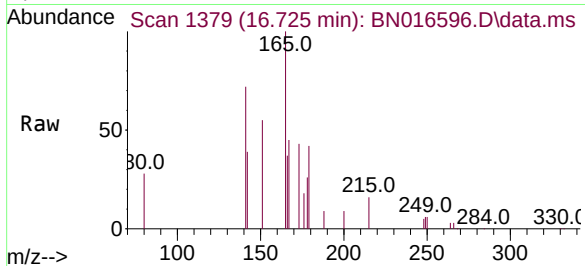




#24
 Pentachlorophenol
 Concen: 0.187 ng
 RT: 16.725 min Scan# 1379
 Delta R.T. 0.036 min
 Lab File: BN016596.D
 Acq: 30 Sep 2021 05:20

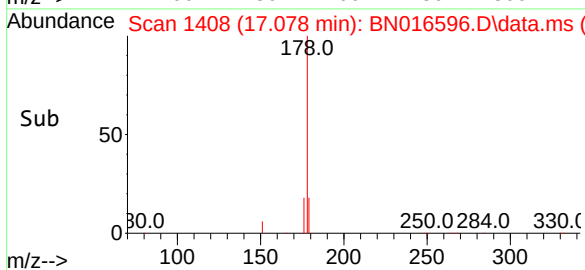
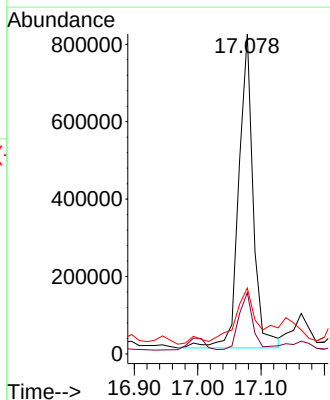
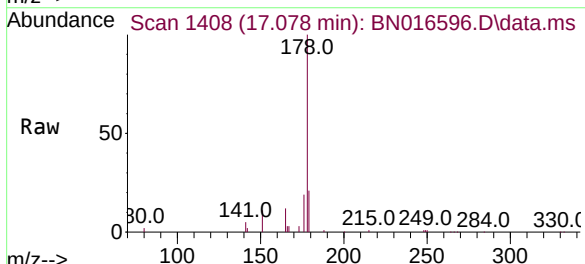
Instrument :
 BNA_N
 ClientSampleId :
 SUP-UST-03-(8-10)

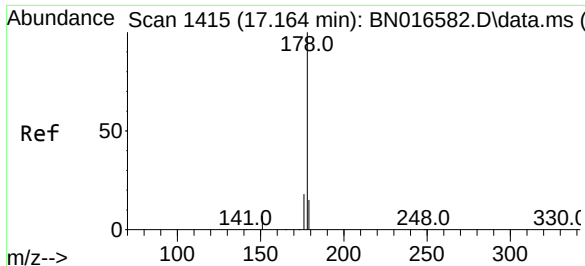
Tgt Ion:	266	Resp:	2370
Ion Ratio	Lower	Upper	
266	100		
264	0.0	50.5	75.7#
268	3.1	51.4	77.2#



#25
 Phenanthrene
 Concen: 2.726 ng
 RT: 17.078 min Scan# 1408
 Delta R.T. 0.012 min
 Lab File: BN016596.D
 Acq: 30 Sep 2021 05:20

Tgt Ion:	178	Resp:	1289032
Ion Ratio	Lower	Upper	
178	100		
176	17.2	15.0	22.6
179	21.6	12.2	18.2#

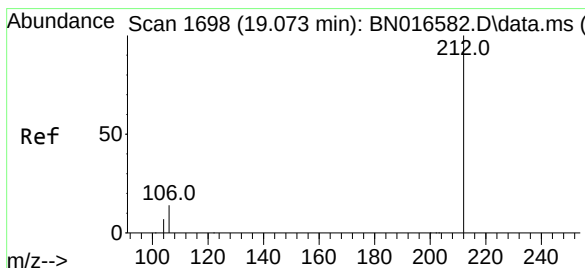
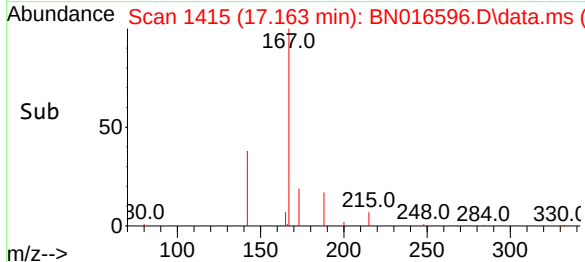
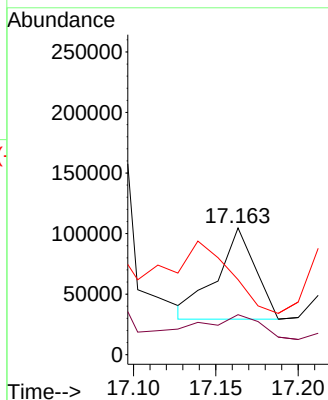
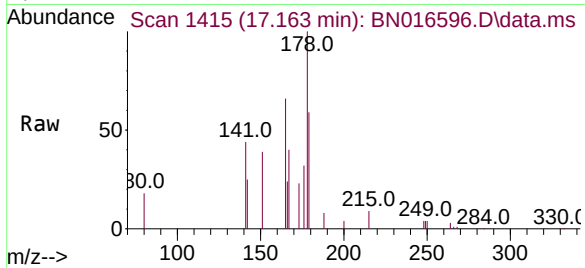




#26
 Anthracene
 Concen: 0.300 ng
 RT: 17.163 min Scan# 1415
 Delta R.T. -0.000 min
 Lab File: BN016596.D
 Acq: 30 Sep 2021 05:20

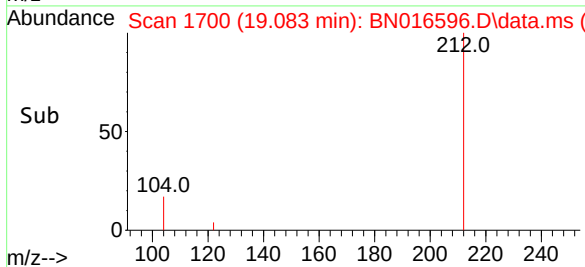
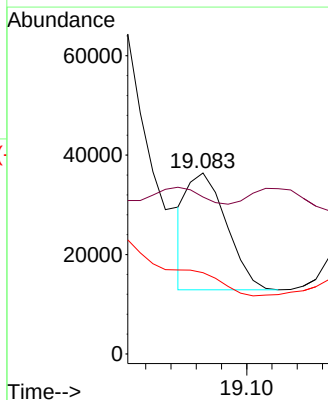
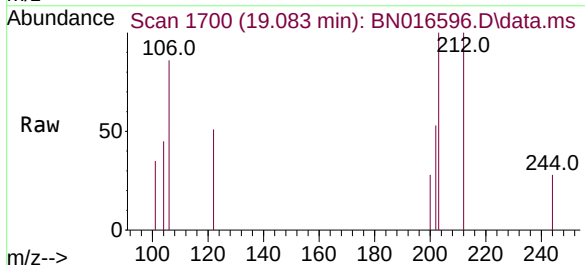
Instrument :
 BNA_N
 ClientSampleId :
 SUP-UST-03-(8-10)

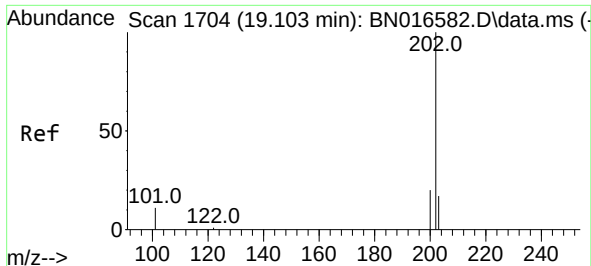
Tgt Ion:178 Resp: 122335
 Ion Ratio Lower Upper
 178 100
 176 42.9 14.6 22.0#
 179 0.0 12.3 18.5#



#27
 Fluoranthene-d10
 Concen: 0.059 ng
 RT: 19.083 min Scan# 1700
 Delta R.T. 0.010 min
 Lab File: BN016596.D
 Acq: 30 Sep 2021 05:20

Tgt Ion:212 Resp: 25434
 Ion Ratio Lower Upper
 212 100
 106 32.2 11.0 16.6#
 104 0.0 6.0 9.0#

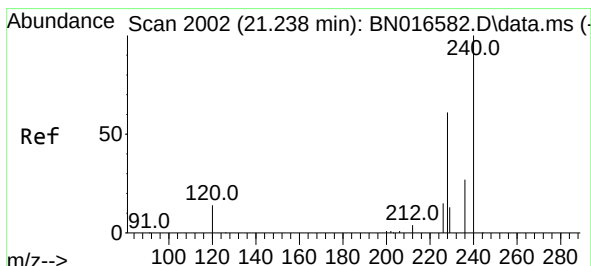
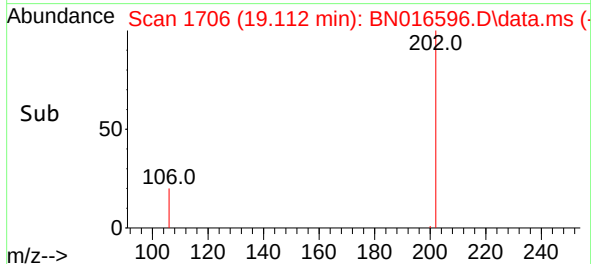
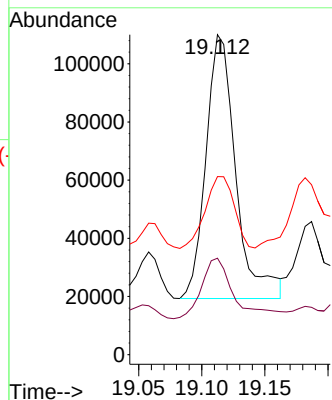
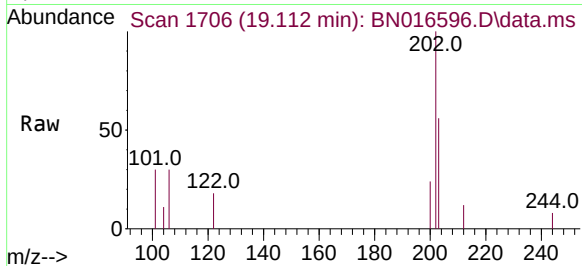




#28
Fluoranthene
Concen: 0.286 ng
RT: 19.112 min Scan# 1706
Delta R.T. 0.010 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

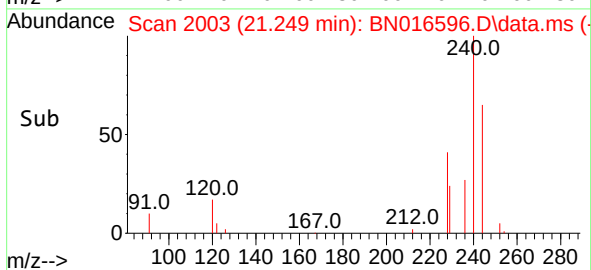
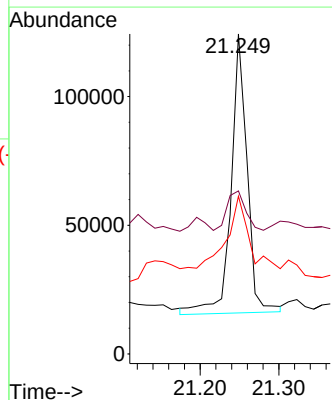
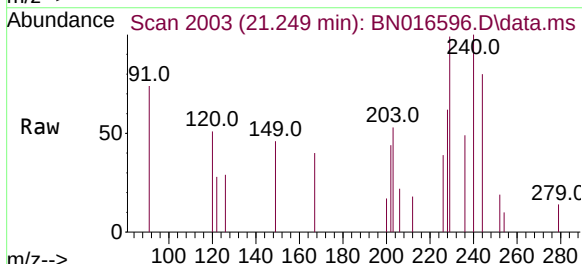
Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

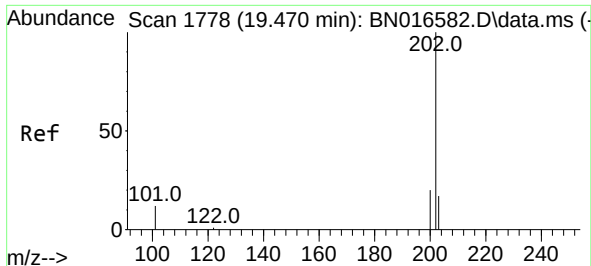
Tgt Ion:202 Resp: 149007
Ion Ratio Lower Upper
202 100
101 25.4 9.1 13.7#
203 26.3 13.8 20.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.011 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:240 Resp: 153697
Ion Ratio Lower Upper
240 100
120 50.9 11.6 17.4#
236 49.3 21.6 32.4#

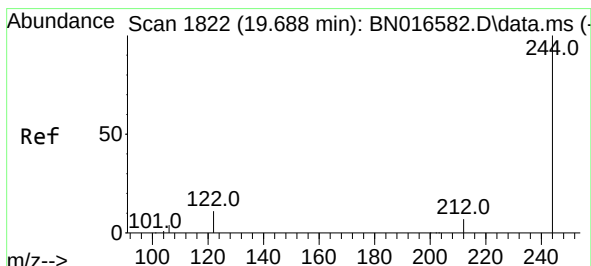
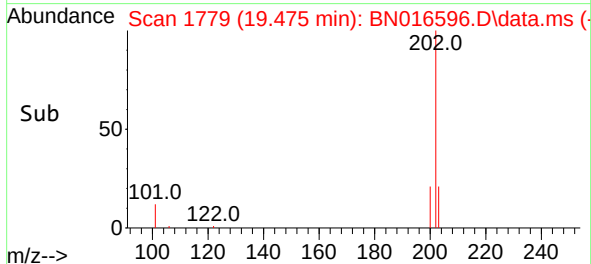
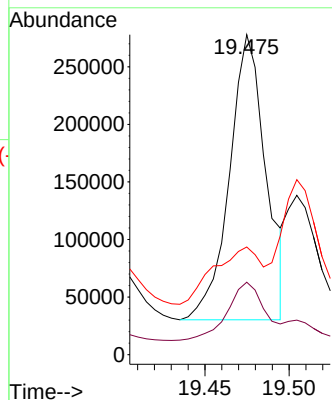
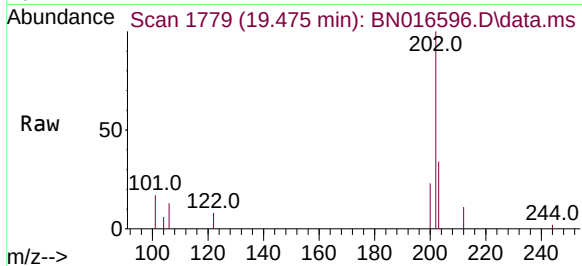




#30
Pyrene
Concen: 0.745 ng
RT: 19.475 min Scan# 1779
Delta R.T. 0.005 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

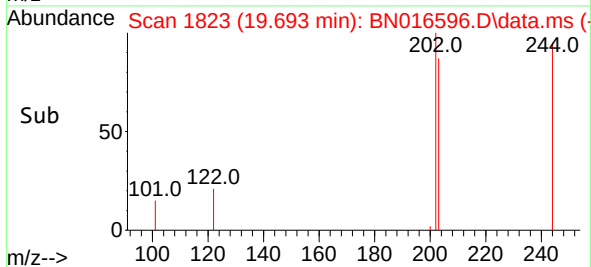
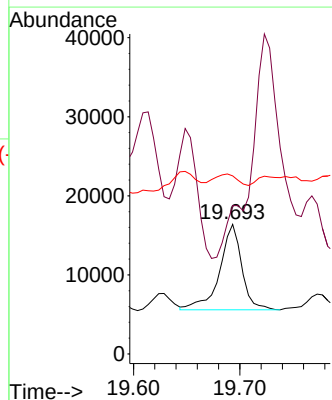
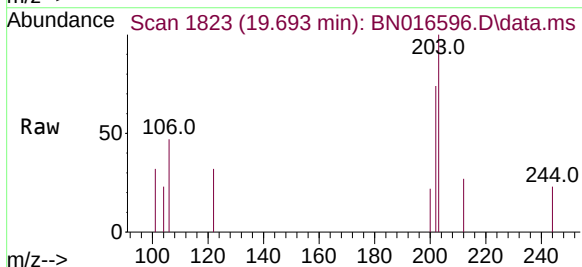
Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

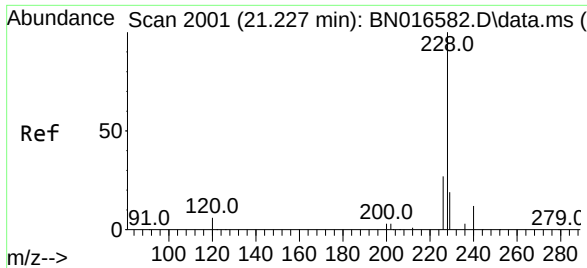
Tgt Ion:202 Resp: 372685
Ion Ratio Lower Upper
202 100
200 20.9 16.5 24.7
203 25.6 13.9 20.9#



#31
Terphenyl-d14
Concen: 0.047 ng
RT: 19.693 min Scan# 1823
Delta R.T. 0.005 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:244 Resp: 15664
Ion Ratio Lower Upper
244 100
212 114.3 5.8 8.8#
122 137.4 9.2 13.8#

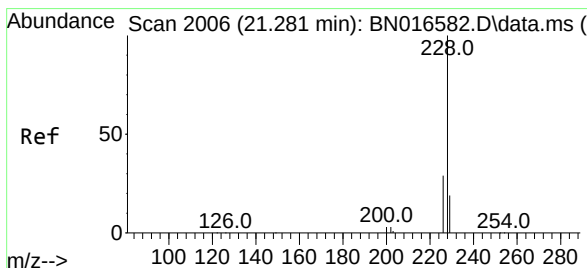
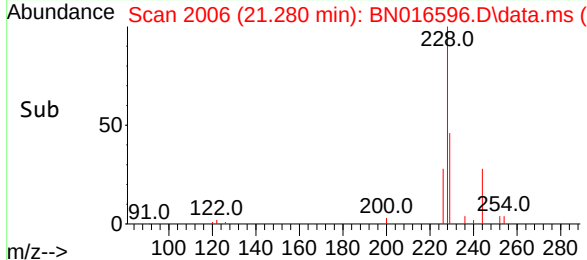
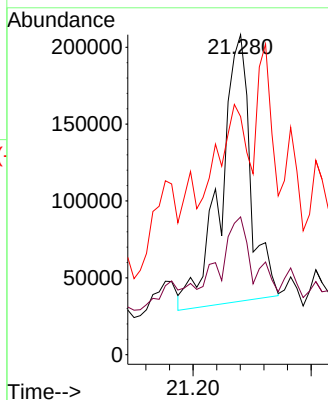
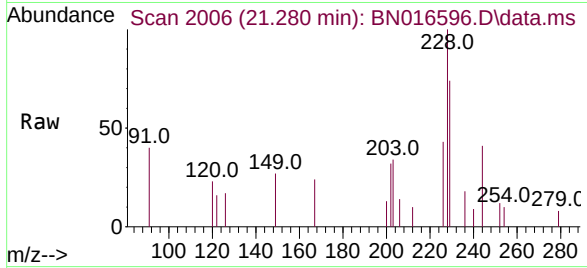




#32
Benzo(a)anthracene
Concen: 1.317 ng
RT: 21.280 min Scan# 2006
Delta R.T. 0.053 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

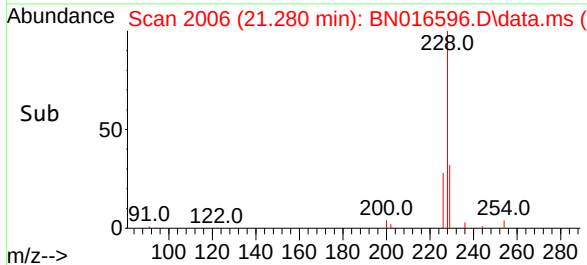
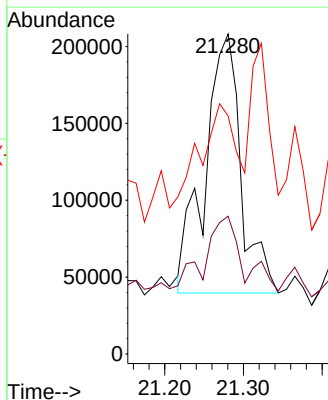
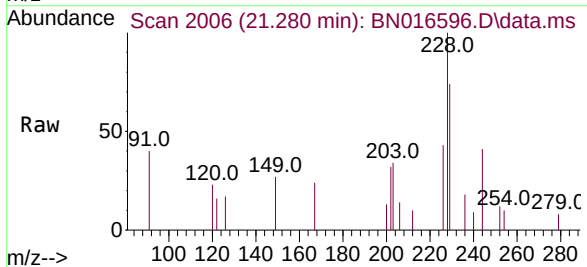
Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

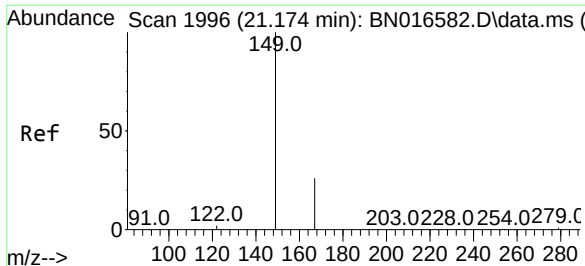
Tgt Ion:228 Resp: 616589
Ion Ratio Lower Upper
228 100
226 43.1 21.4 32.0#
229 74.4 15.6 23.4#



#33
Chrysene
Concen: 1.092 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:228 Resp: 535745
Ion Ratio Lower Upper
228 100
226 43.1 23.4 35.0#
229 74.4 15.7 23.5#

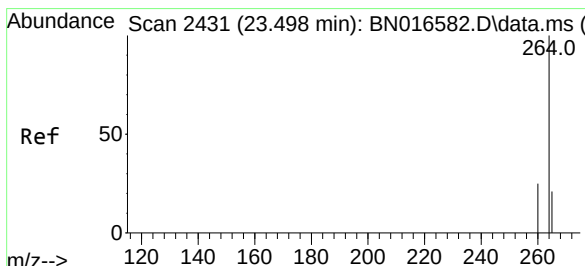
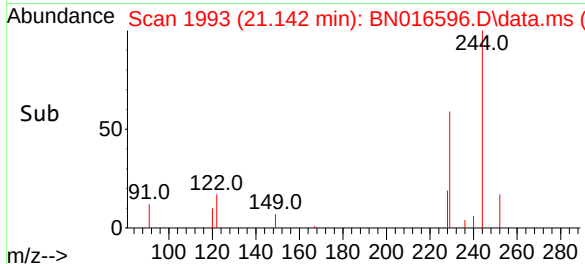
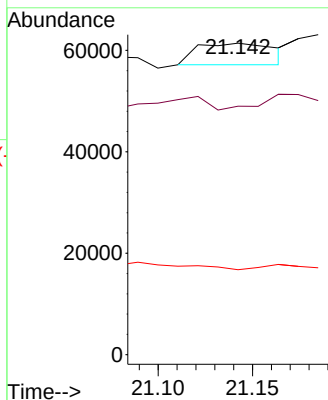
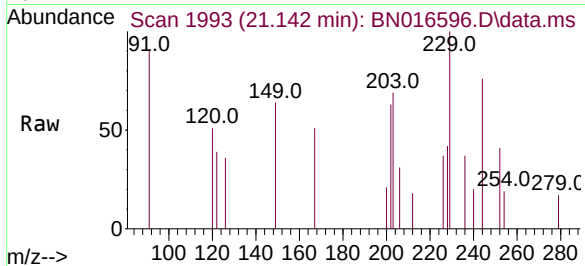




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.070 ng
 RT: 21.142 min Scan# 1993
 Delta R.T. -0.032 min
 Lab File: BN016596.D
 Acq: 30 Sep 2021 05:20

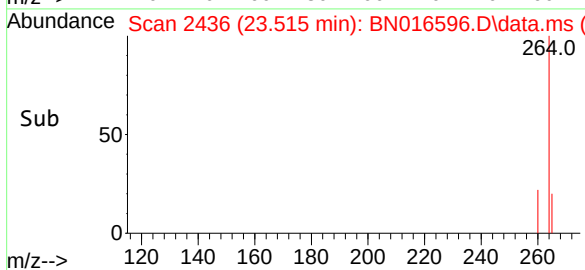
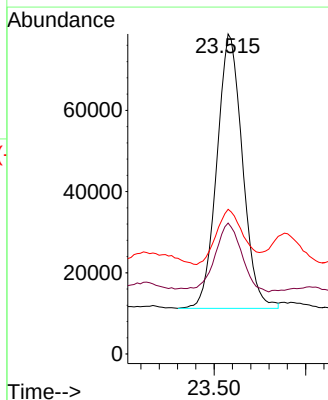
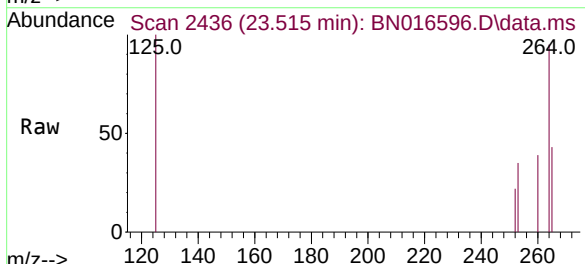
Instrument :
 BNA_N
 ClientSampleId :
 SUP-UST-03-(8-10)

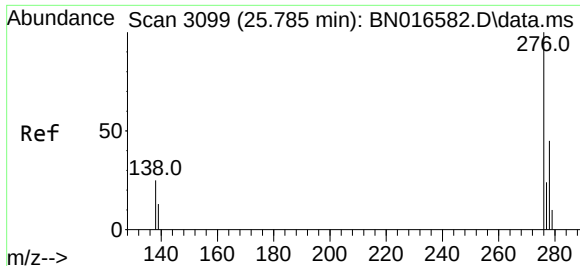
Tgt Ion:149 Resp: 12183
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.0 33.0#
 279 0.0 3.1 4.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. 0.017 min
 Lab File: BN016596.D
 Acq: 30 Sep 2021 05:20

Tgt Ion:264 Resp: 131218
 Ion Ratio Lower Upper
 264 100
 260 40.9 19.7 29.5#
 265 45.2 18.9 28.3#

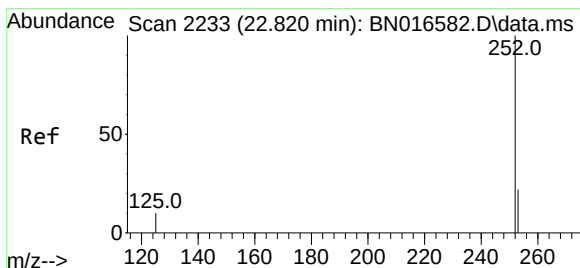
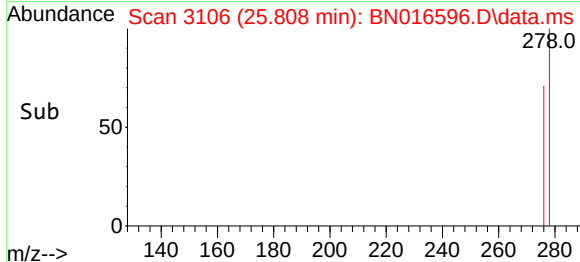
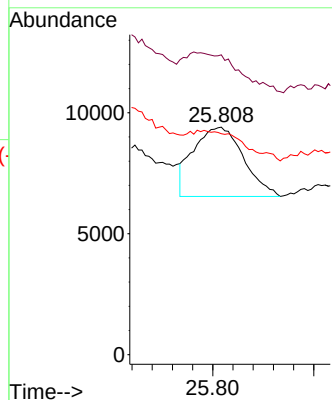
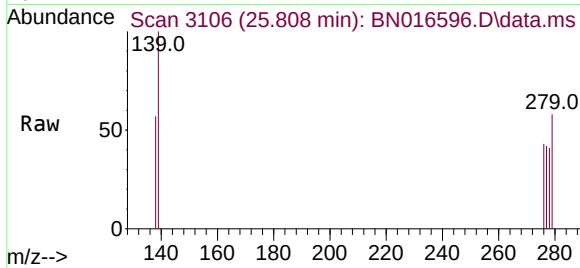




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 25.808 min Scan# 3106
Delta R.T. 0.024 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

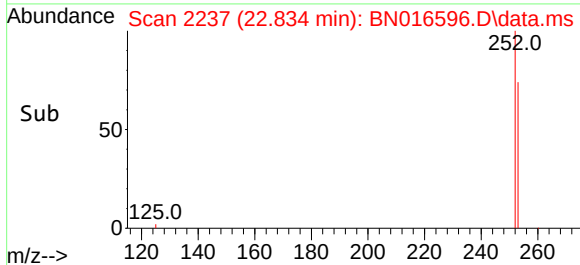
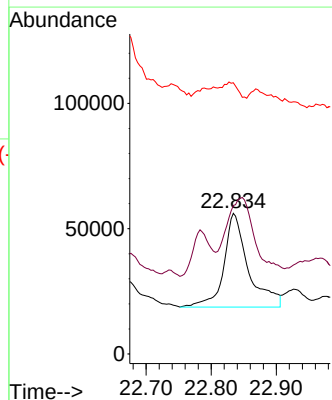
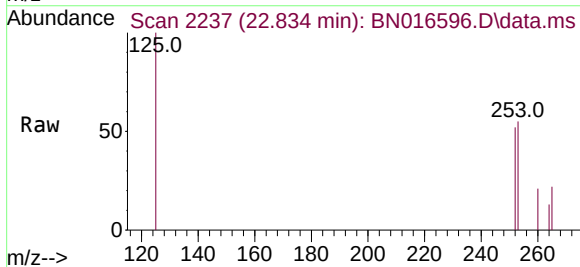
Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

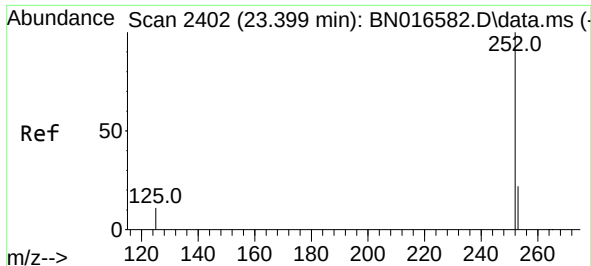
Tgt Ion:276 Resp: 9838
Ion Ratio Lower Upper
276 100
138 0.0 21.1 31.7#
277 0.0 20.0 30.0#



#37
Benzo(b)fluoranthene
Concen: 0.241 ng
RT: 22.834 min Scan# 2237
Delta R.T. 0.014 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Tgt Ion:252 Resp: 98045
Ion Ratio Lower Upper
252 100
253 105.5 17.8 26.6#
125 192.8 8.2 12.2#





#39

Benzo(a)pyrene

Concen: 0.155 ng

RT: 23.416 min Scan# 2407

Delta R.T. 0.017 min

Lab File: BN016596.D

Acq: 30 Sep 2021 05:20

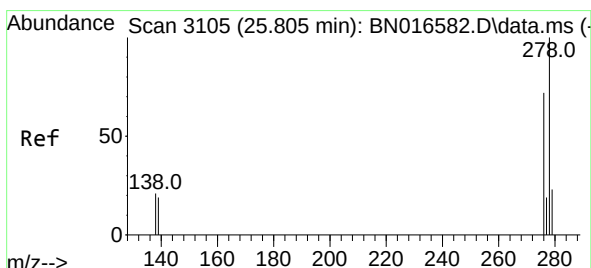
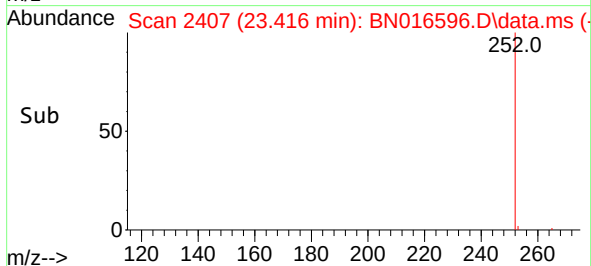
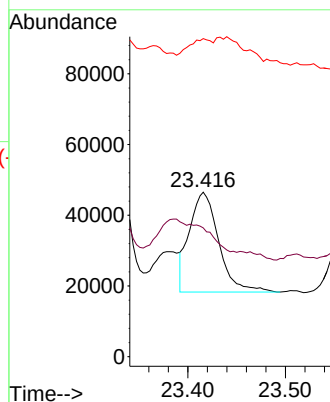
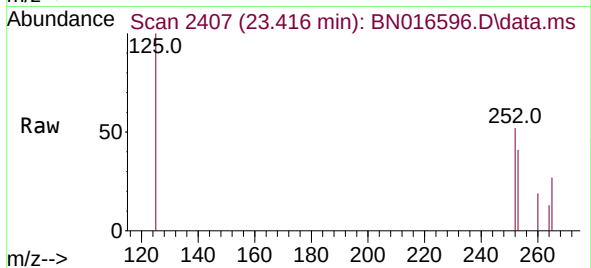
Tgt Ion:252 Resp: 58932

Ion Ratio Lower Upper

252 100

253 78.4 17.8 26.6#

125 193.5 9.2 13.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.032 ng

RT: 25.808 min Scan# 3106

Delta R.T. 0.003 min

Lab File: BN016596.D

Acq: 30 Sep 2021 05:20

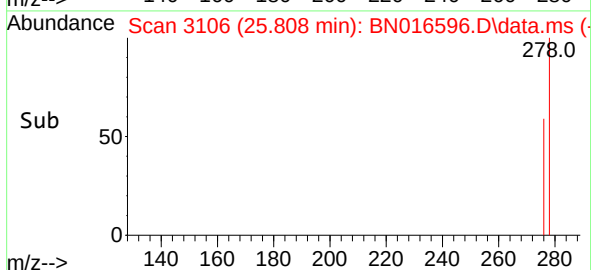
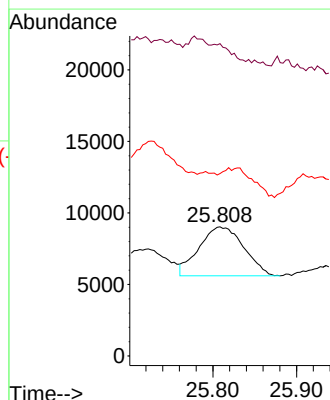
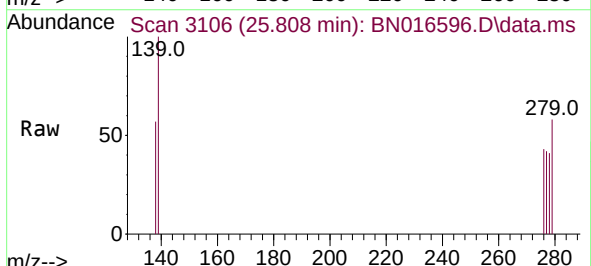
Tgt Ion:278 Resp: 12659

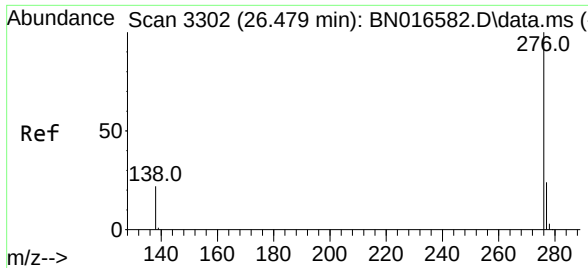
Ion Ratio Lower Upper

278 100

139 241.9 15.6 23.4#

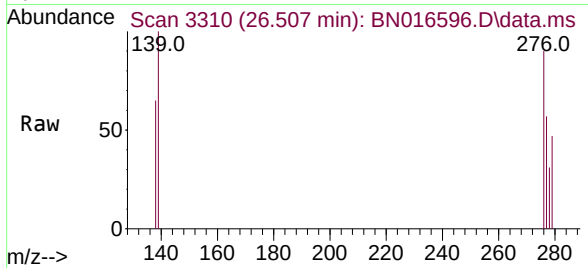
279 141.3 19.0 28.4#





#41
Benzo(g,h,i)perylene
Concen: 0.057 ng
RT: 26.507 min Scan# 3310
Delta R.T. 0.027 min
Lab File: BN016596.D
Acq: 30 Sep 2021 05:20

Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)



Tgt Ion	Ratio	Lower	Upper
276	100		
277	63.7	19.0	28.6#
138	72.7	17.5	26.3#

