

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031122\
 Data File : BN018916.D
 Acq On : 10 Mar 2022 23:12
 Operator : CG/JU
 Sample : N1862-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 V-2-0309-2A

Quant Time: Mar 11 03:05:53 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 03:02:57 2022
 Response via : Initial Calibration

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

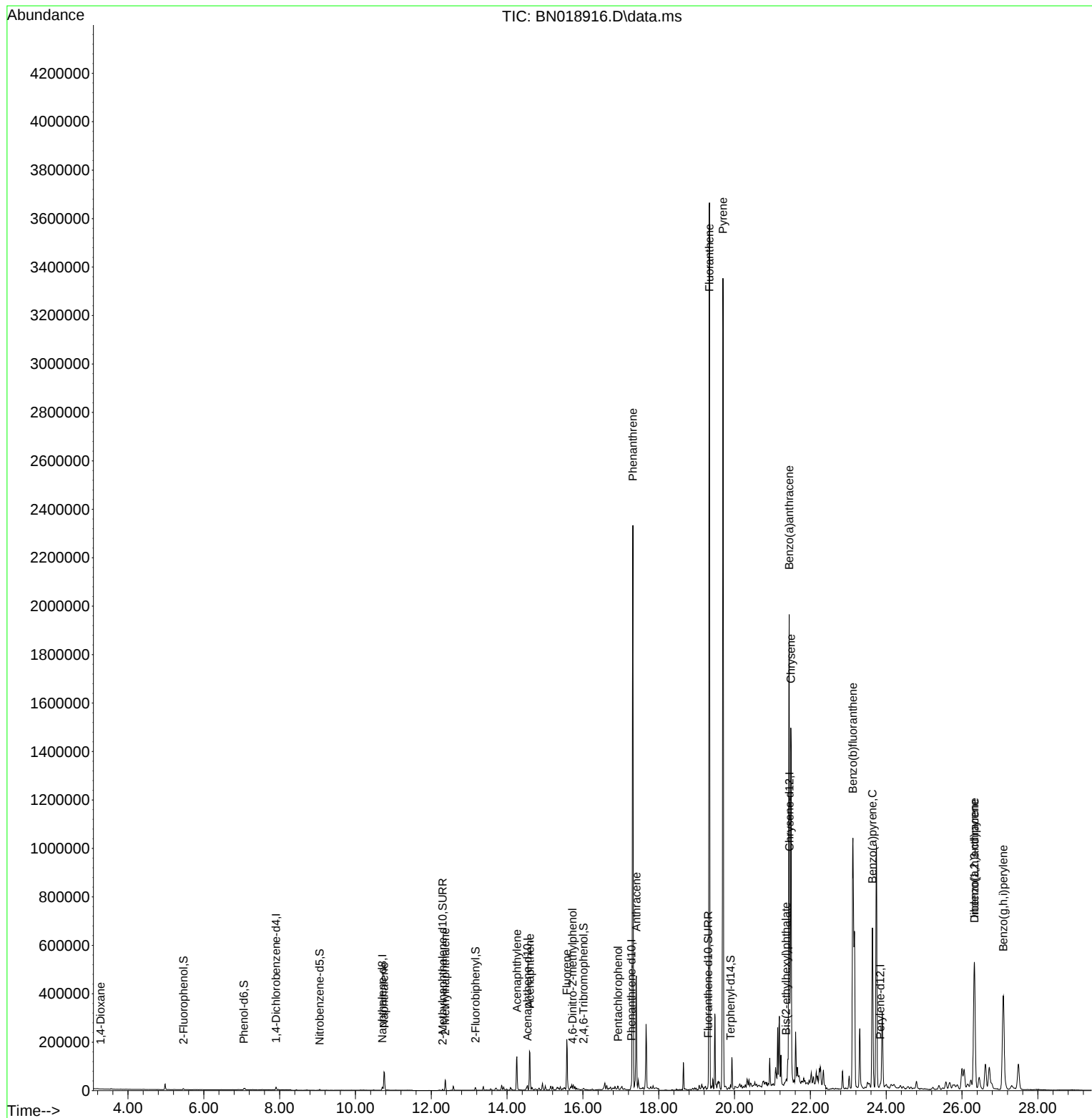
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	5387	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	16576	0.400	ng	# 0.00
13) Acenaphthene-d10	14.538	164	10500	0.400	ng	0.00
19) Phenanthrene-d10	17.277	188	22902	0.400	ng	# 0.00
29) Chrysene-d12	21.449	240	20964	0.400	ng	# 0.00
35) Perylene-d12	23.843	264	22877	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3656	0.310	ng	0.00
5) Phenol-d6	7.060	99	4837	0.342	ng	0.00
8) Nitrobenzene-d5	9.057	82	2978	0.246	ng	0.00
11) 2-Methylnaphthalene-d10	12.299	152	6695	0.248	ng	0.00
14) 2,4,6-Tribromophenol	16.015	330	1258	0.260	ng	-0.01
15) 2-Fluorobiphenyl	13.170	172	10360	0.230	ng	0.00
27) Fluoranthene-d10	19.303	212	16207	0.240	ng	0.00
31) Terphenyl-d14	19.894	244	12236	0.273	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.276	88	130	0.022	ng	# 1
9) Naphthalene	10.754	128	102205	2.151	ng	100
12) 2-Methylnaphthalene	12.371	142	29922	0.904	ng	99
16) Acenaphthylene	14.260	152	162257	3.388	ng	100
17) Acenaphthene	14.602	154	86545	2.546	ng	99
18) Fluorene	15.575	166	129503	2.930	ng	99
20) 4,6-Dinitro-2-methylph...	15.725	198	41	0.112	ng	# 1
24) Pentachlorophenol	16.928	266	144	0.238	ng	# 90
25) Phenanthrene	17.318	178	2359151	31.020	ng	99
26) Anthracene	17.410	178	522233	8.153	ng	# 95
28) Fluoranthene	19.337	202	3556086	41.143	ng	98
30) Pyrene	19.695	202	3152735	33.684	ng	# 95
32) Benzo(a)anthracene	21.440	228	1713636	21.765	ng	94
33) Chrysene	21.485	228	1420306	16.417	ng	96
34) Bis(2-ethylhexyl)phtha...	21.360	149	10706	0.220	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.325	276	907279	8.823	ng	# 92
37) Benzo(b)fluoranthene	23.121	252	1899154	17.833	ng	# 95
39) Benzo(a)pyrene	23.636	252	951864	11.633	ng	95
40) Dibenzo(a,h)anthracene	26.331	278	195588	2.482	ng	98
41) Benzo(g,h,i)perylene	27.091	276	887099	10.479	ng	97

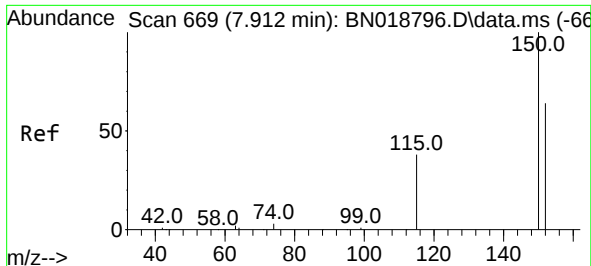
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031122\
Data File : BN018916.D
Acq On : 10 Mar 2022 23:12
Operator : CG/JU
Sample : N1862-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

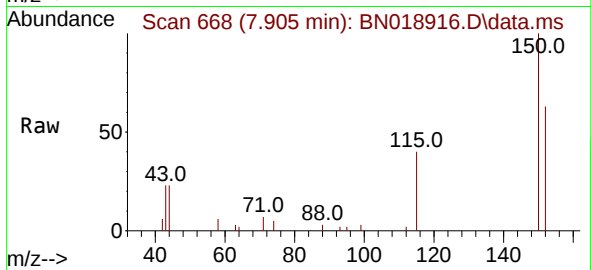
Quant Time: Mar 11 03:05:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 03:02:57 2022
Response via : Initial Calibration



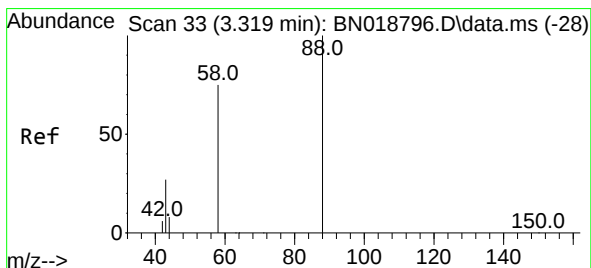
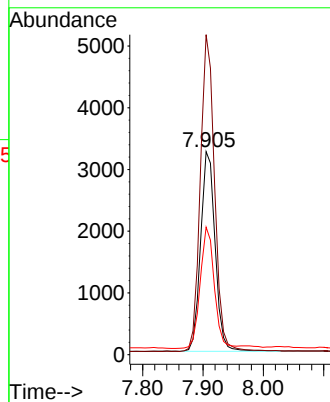
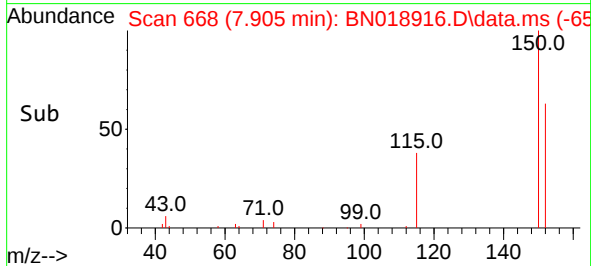


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.905 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

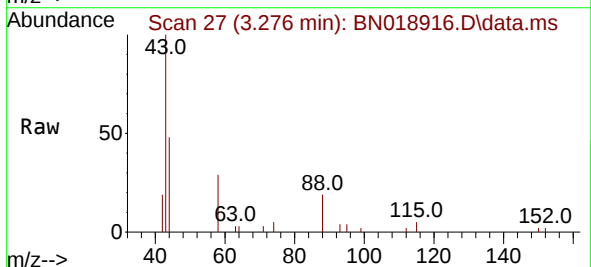
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A



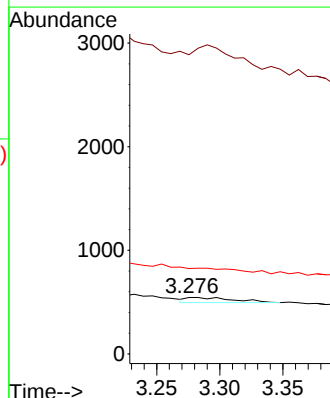
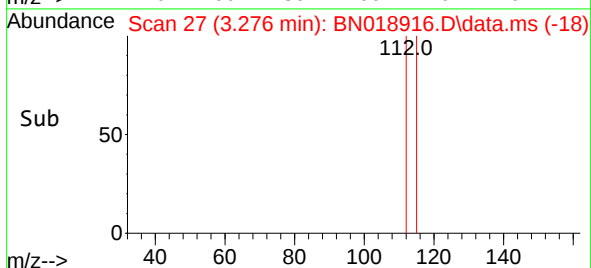
Tgt Ion:152 Resp: 5387
Ion Ratio Lower Upper
152 100
150 157.6 123.9 185.9
115 62.8 48.2 72.4

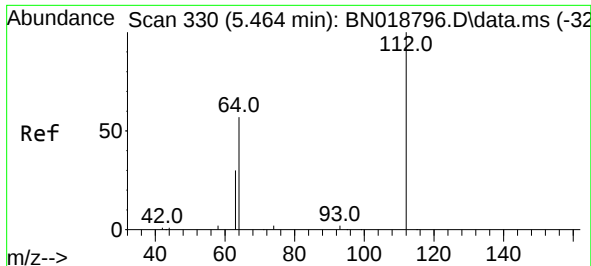


#2
1,4-Dioxane
Concen: 0.022 ng
RT: 3.276 min Scan# 27
Delta R.T. -0.036 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12



Tgt Ion: 88 Resp: 130
Ion Ratio Lower Upper
88 100
43 354.6 24.6 37.0#
58 0.0 65.4 98.2#

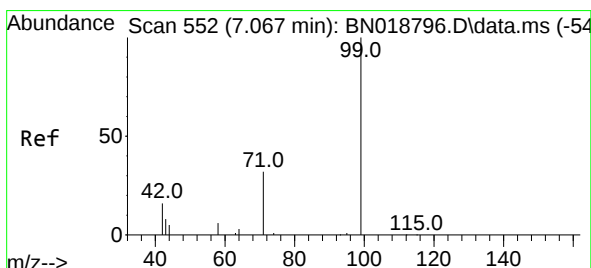
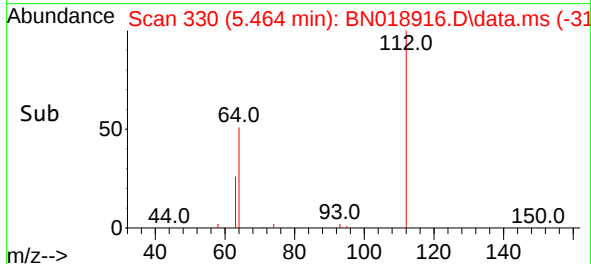
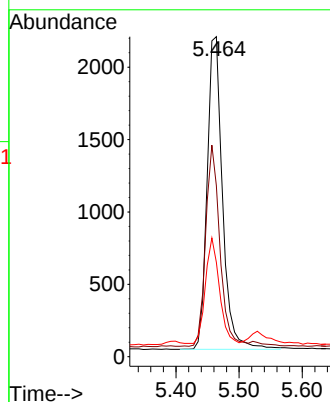
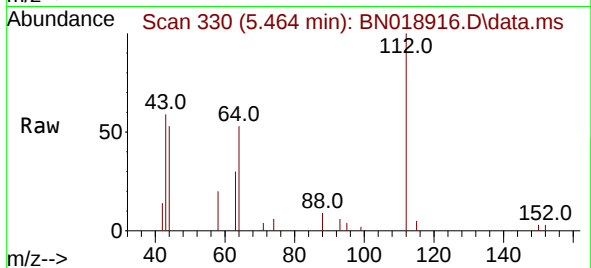




#4
2-Fluorophenol
Concen: 0.310 ng
RT: 5.464 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

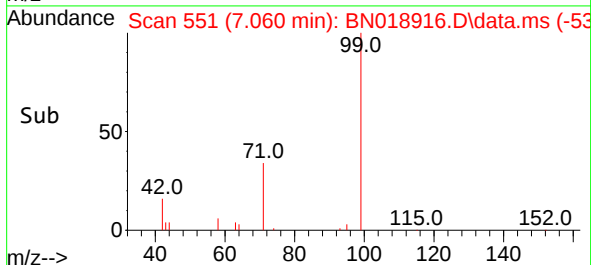
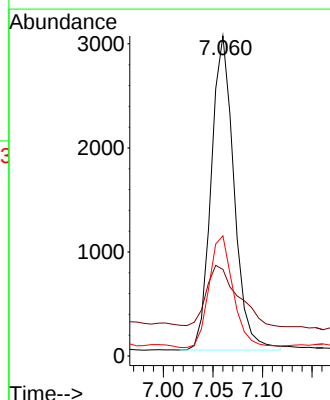
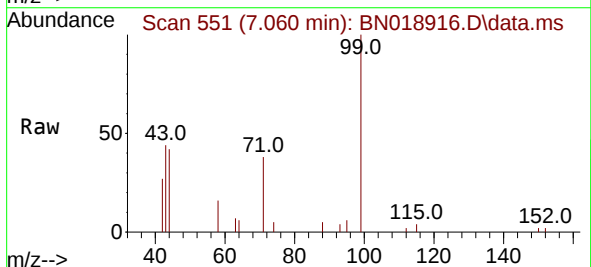
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

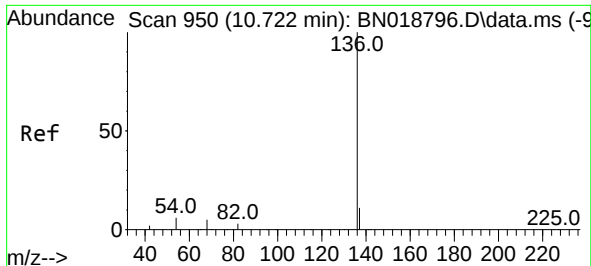
Tgt Ion:112 Resp: 3656
Ion Ratio Lower Upper
112 100
64 59.4 47.8 71.8
63 30.7 25.7 38.5



#5
Phenol-d6
Concen: 0.342 ng
RT: 7.060 min Scan# 551
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Tgt Ion: 99 Resp: 4837
Ion Ratio Lower Upper
99 100
42 26.8 16.2 24.4#
71 37.6 27.7 41.5

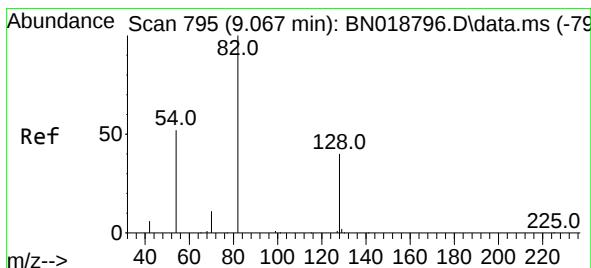
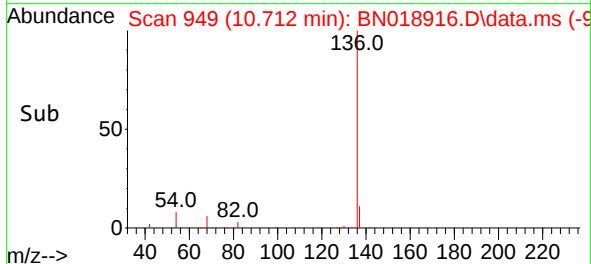
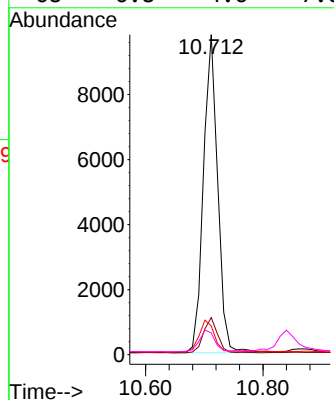
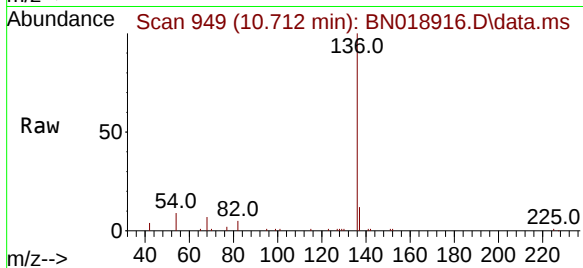




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

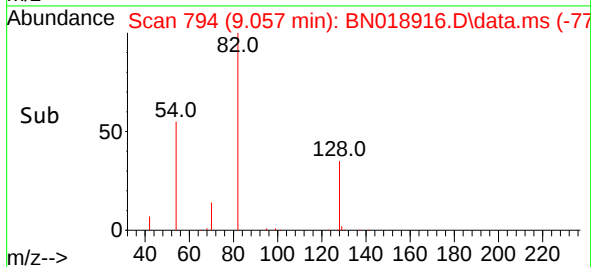
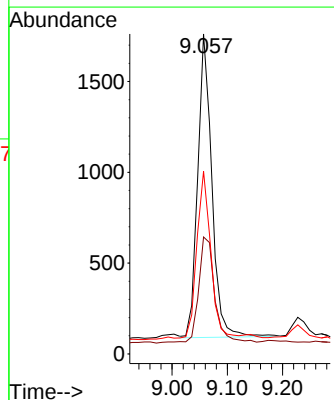
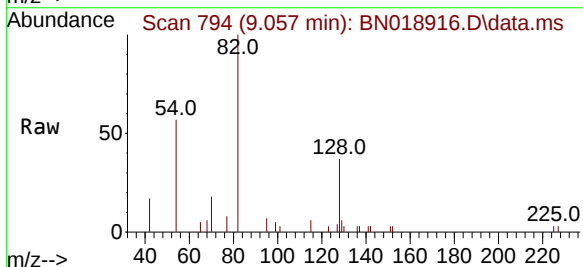
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

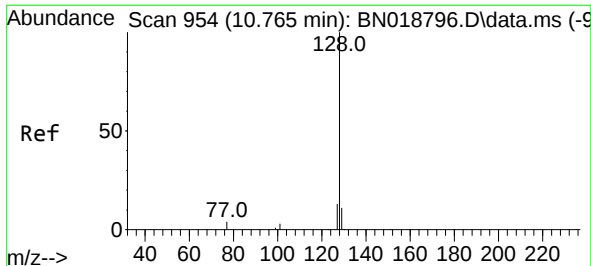
Tgt Ion:	136	Resp:	16576
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	9.0	5.8	8.6
68	6.8	4.6	7.0



#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 9.057 min Scan# 794
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Tgt Ion:	82	Resp:	2978
Ion	Ratio	Lower	Upper
82	100		
128	36.5	33.0	49.6
54	57.1	42.5	63.7

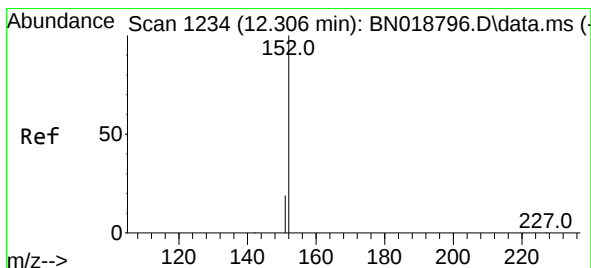
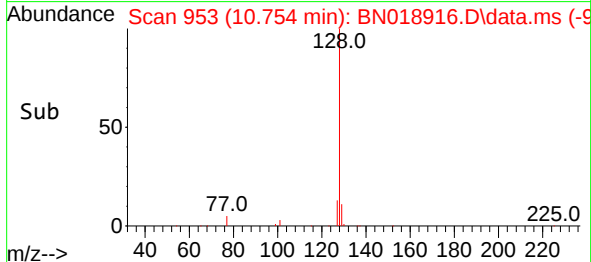
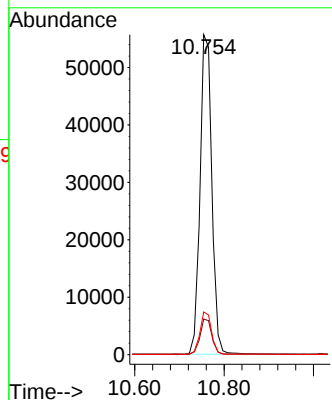
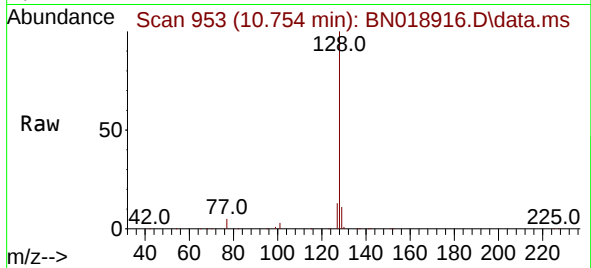




#9
Naphthalene
Concen: 2.151 ng
RT: 10.754 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

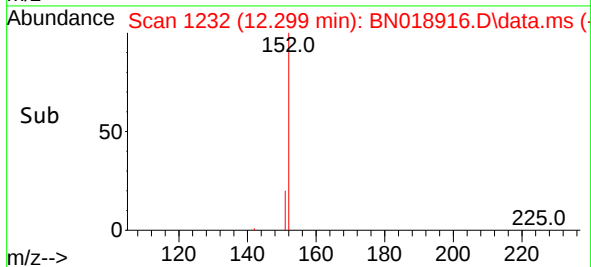
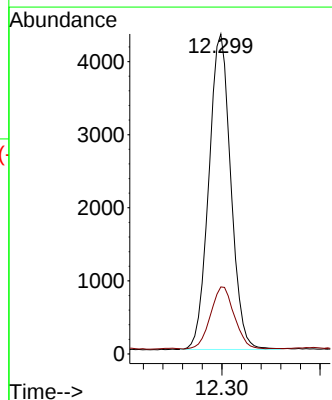
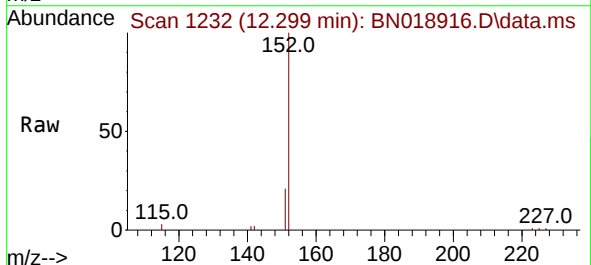
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

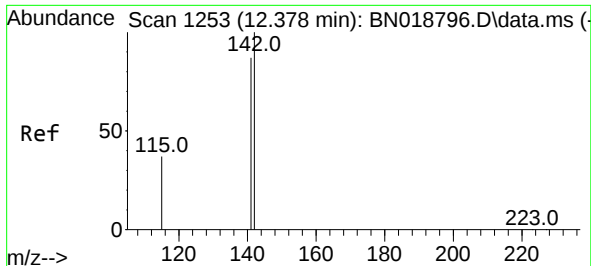
Tgt Ion:128 Resp: 102205
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.3 10.7 16.1



#11
2-Methylnaphthalene-d10
Concen: 0.248 ng
RT: 12.299 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Tgt Ion:152 Resp: 6695
Ion Ratio Lower Upper
152 100
151 21.4 16.5 24.7

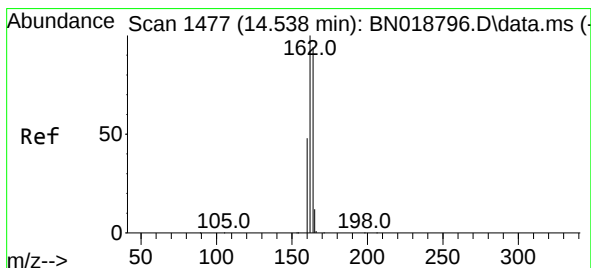
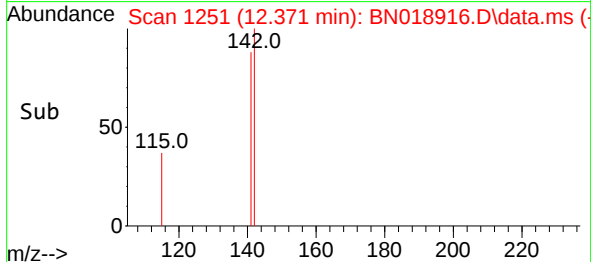
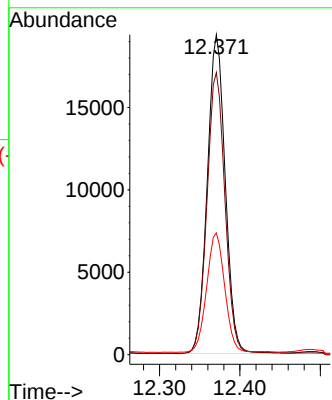
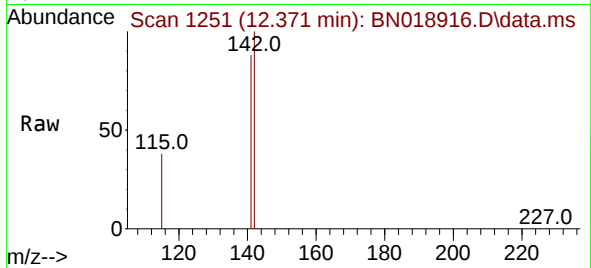




#12
2-Methylnaphthalene
Concen: 0.904 ng
RT: 12.371 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

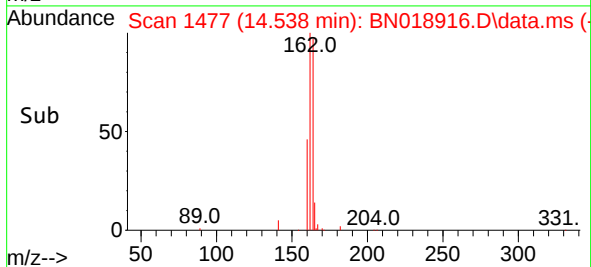
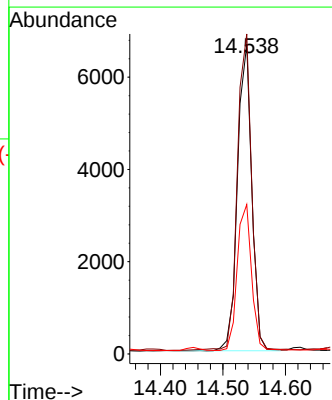
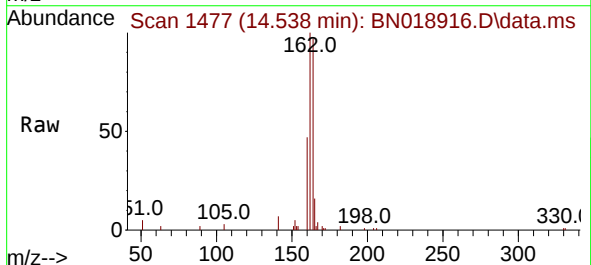
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

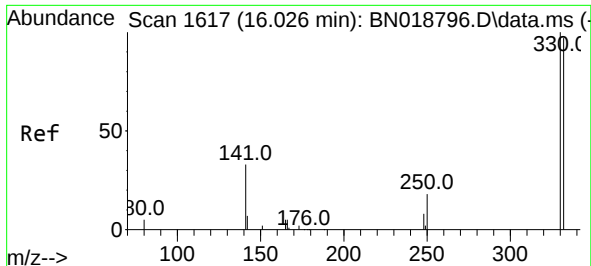
Tgt Ion:142 Resp: 29922
Ion Ratio Lower Upper
142 100
141 88.1 70.0 105.0
115 38.1 29.8 44.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.538 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Tgt Ion:164 Resp: 10500
Ion Ratio Lower Upper
164 100
162 103.4 85.2 127.8
160 48.3 41.5 62.3

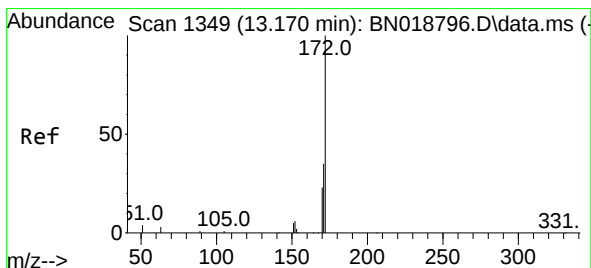
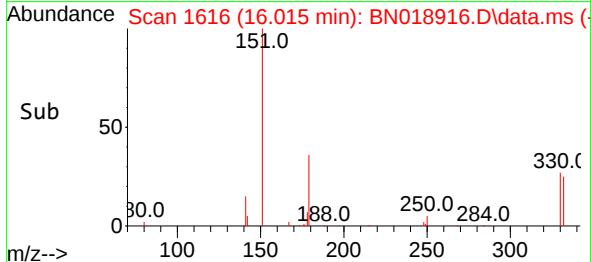
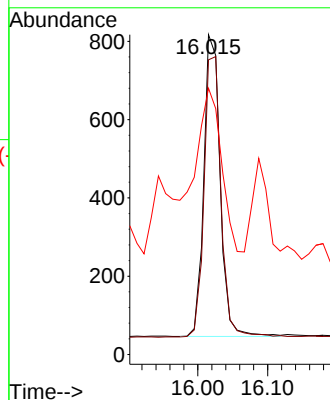
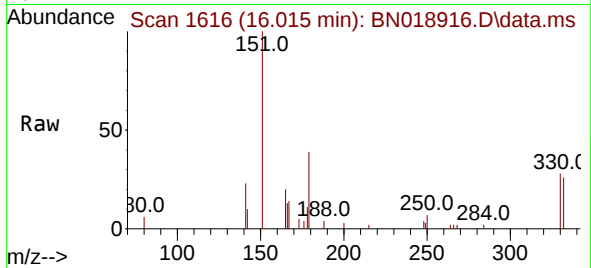




#14
2,4,6-Tribromophenol
Concen: 0.260 ng
RT: 16.015 min Scan# 1616
Delta R.T. -0.010 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

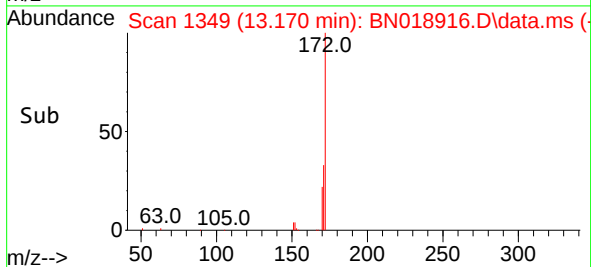
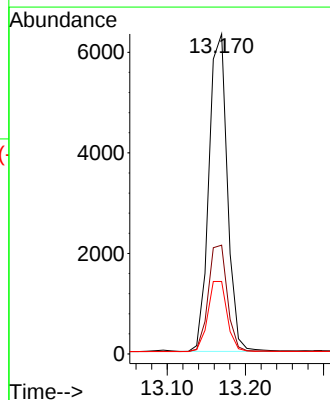
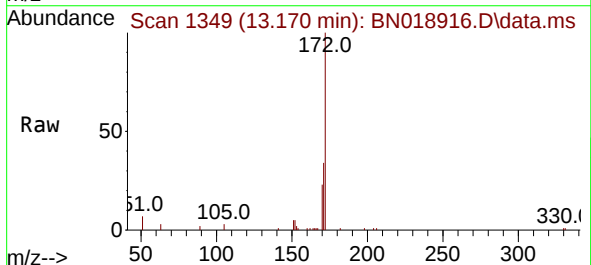
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

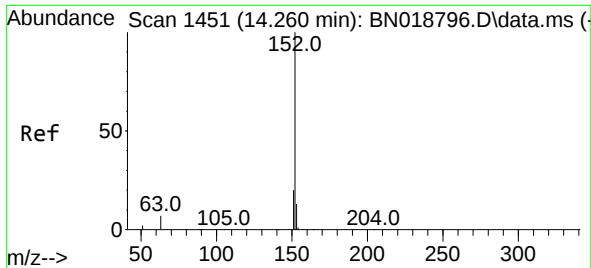
Tgt Ion:330 Resp: 1258
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 84.3 32.2 48.2#



#15
2-Fluorobiphenyl
Concen: 0.230 ng
RT: 13.170 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Tgt Ion:172 Resp: 10360
Ion Ratio Lower Upper
172 100
171 34.0 28.2 42.2
170 22.7 18.7 28.1

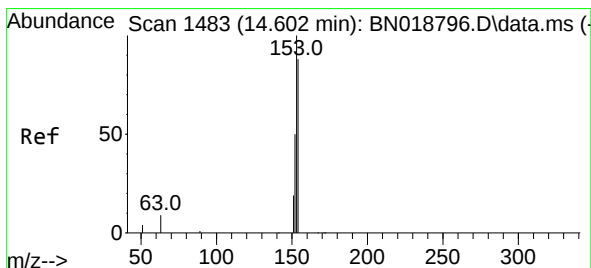
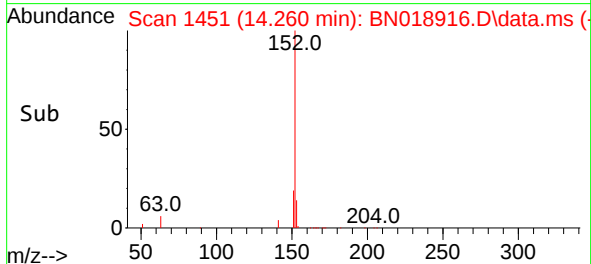
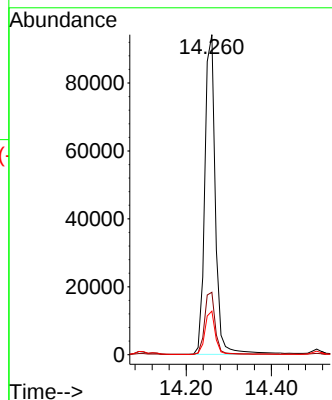
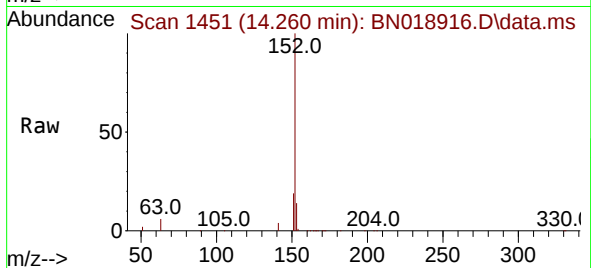




#16
Acenaphthylene
Concen: 3.388 ng
RT: 14.260 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

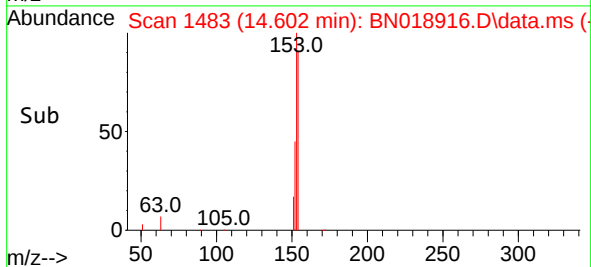
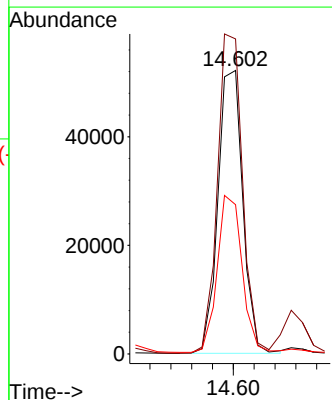
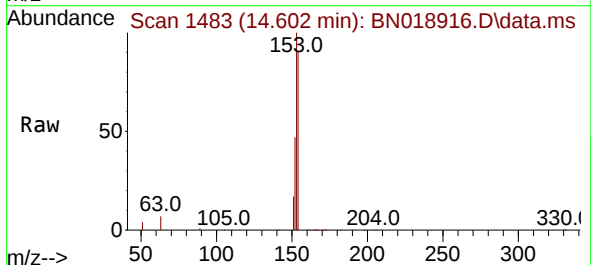
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

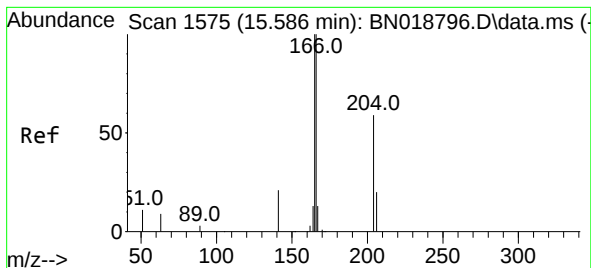
Tgt Ion:152 Resp: 162257
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.5 10.6 15.8



#17
Acenaphthene
Concen: 2.546 ng
RT: 14.602 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Tgt Ion:154 Resp: 86545
Ion Ratio Lower Upper
154 100
153 113.7 89.7 134.5
152 55.4 44.7 67.1





#18

Fluorene

Concen: 2.930 ng

RT: 15.575 min Scan# 1574

Delta R.T. -0.011 min

Lab File: BN018916.D

Acq: 10 Mar 2022 23:12

Instrument :

BNA_N

ClientSampleId :

V-2-0309-2A

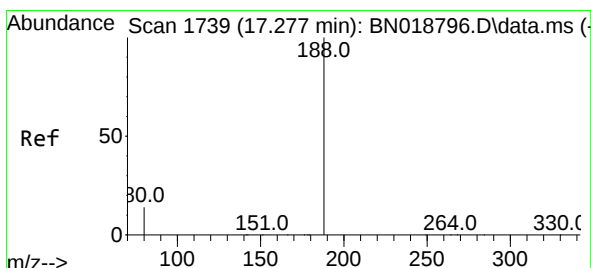
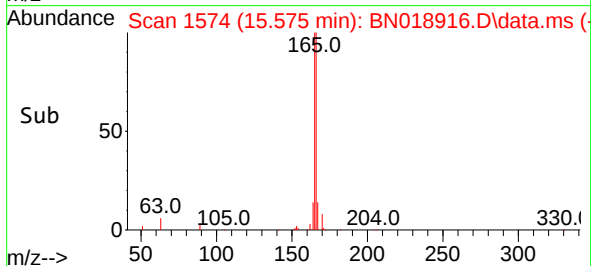
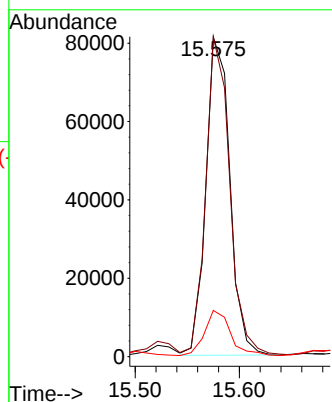
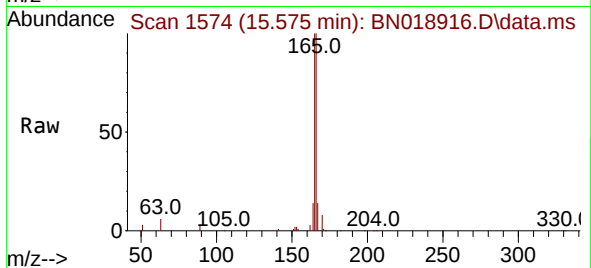
Tgt Ion:166 Resp: 129503

Ion Ratio Lower Upper

166 100

165 99.5 79.2 118.8

167 15.4 10.7 16.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.277 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BN018916.D

Acq: 10 Mar 2022 23:12

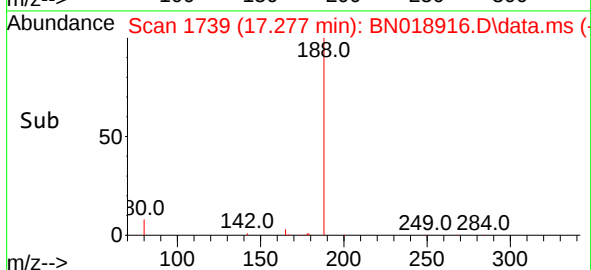
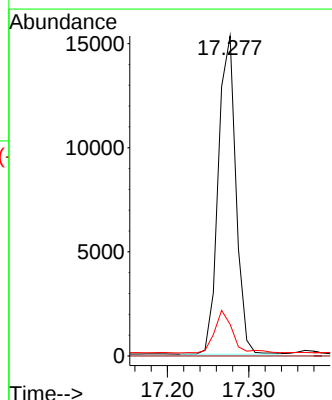
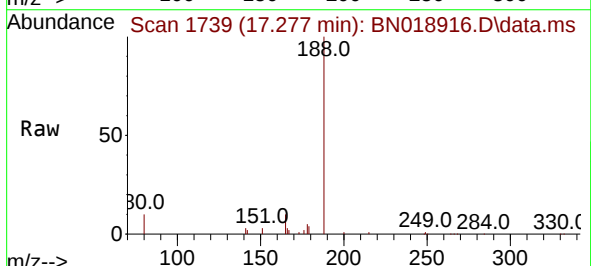
Tgt Ion:188 Resp: 22902

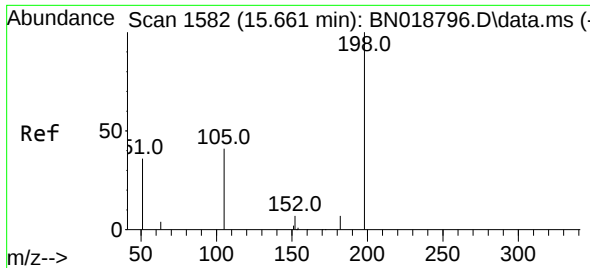
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 11.8 17.8#

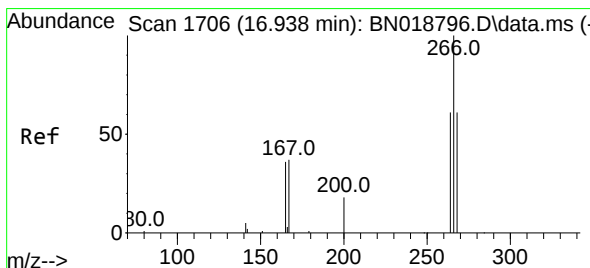
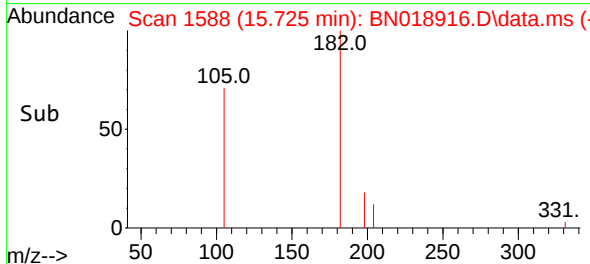
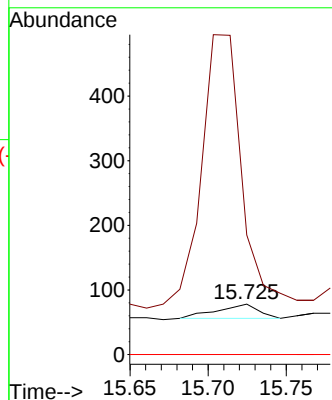
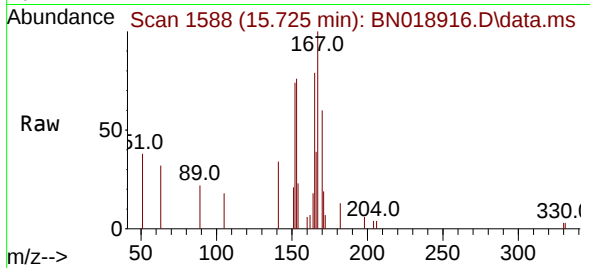




#20
4,6-Dinitro-2-methylphenol
Concen: 0.112 ng
RT: 15.725 min Scan# 11
Delta R.T. 0.064 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

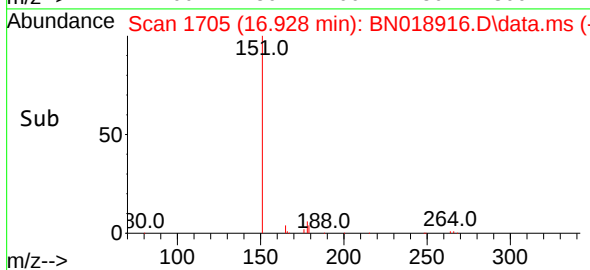
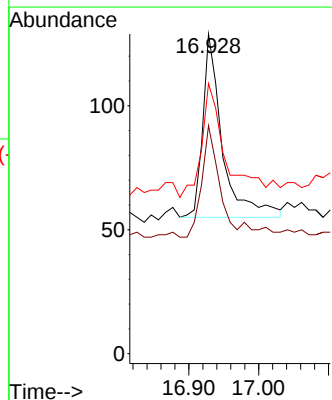
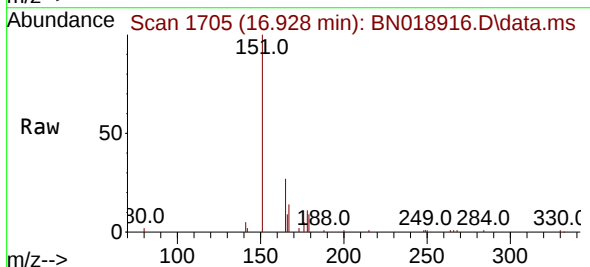
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

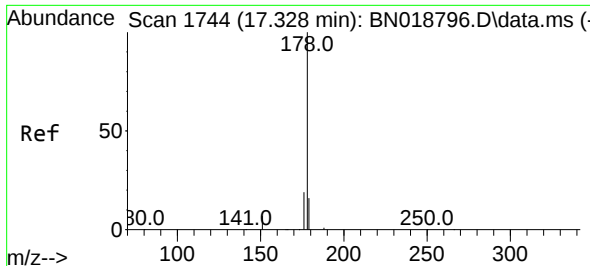
Tgt Ion:198 Resp: 41
Ion Ratio Lower Upper
198 100
182 237.2 13.0 19.4#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.238 ng
RT: 16.928 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Tgt Ion:266 Resp: 144
Ion Ratio Lower Upper
266 100
264 61.8 50.2 75.4
268 79.9 51.9 77.9#

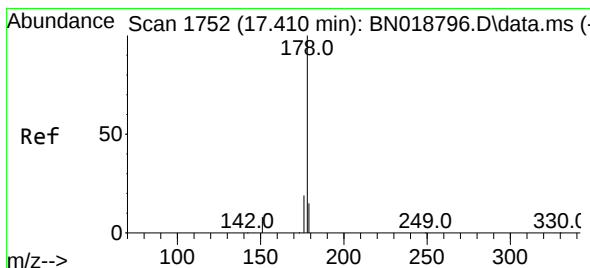
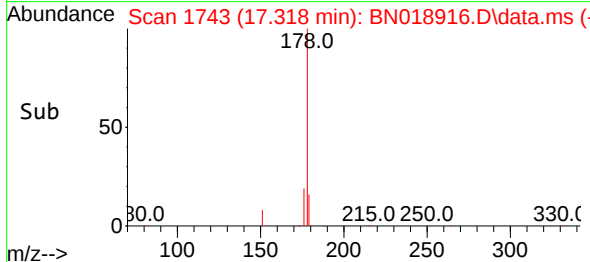
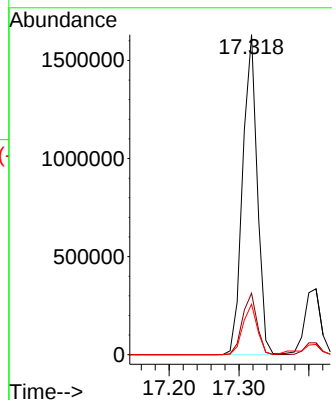
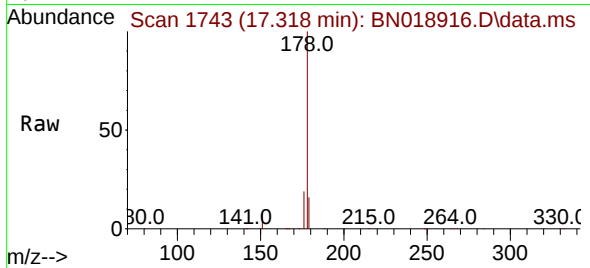




#25
 Phenanthrene
 Concen: 31.020 ng
 RT: 17.318 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: BN018916.D
 Acq: 10 Mar 2022 23:12

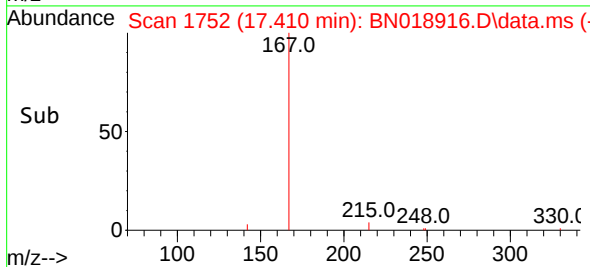
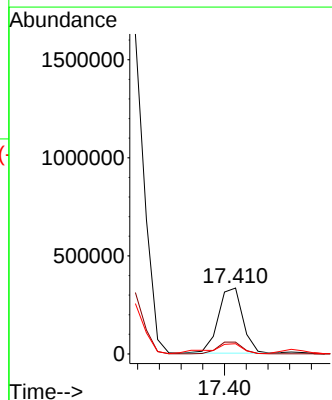
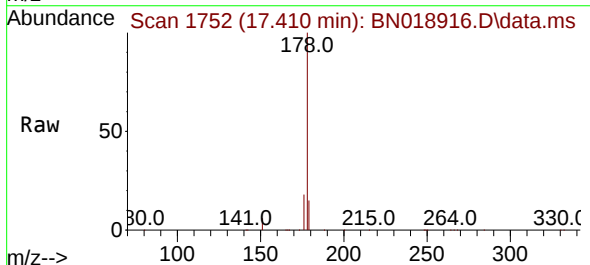
Instrument :
 BNA_N
 ClientSampleId :
 V-2-0309-2A

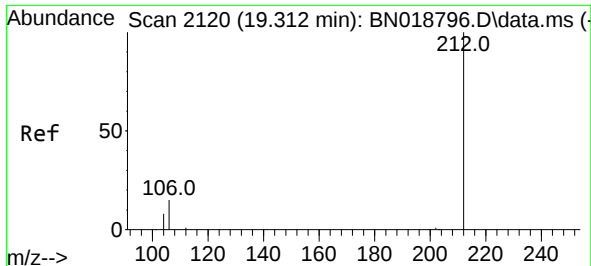
Tgt Ion:178 Resp: 2359151
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.6 12.2 18.2



#26
 Anthracene
 Concen: 8.153 ng
 RT: 17.410 min Scan# 1752
 Delta R.T. 0.000 min
 Lab File: BN018916.D
 Acq: 10 Mar 2022 23:12

Tgt Ion:178 Resp: 522233
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.8 22.2
 179 19.7 12.2 18.4#

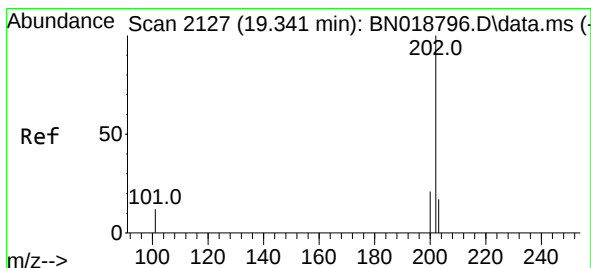
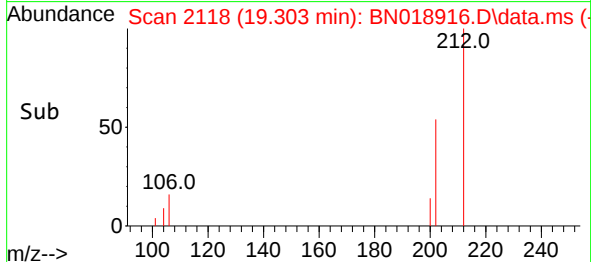
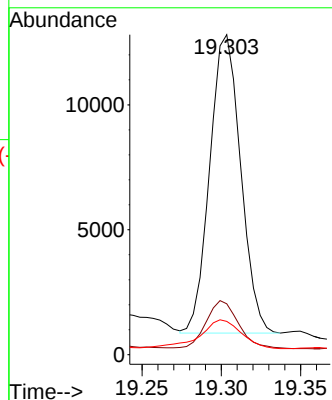
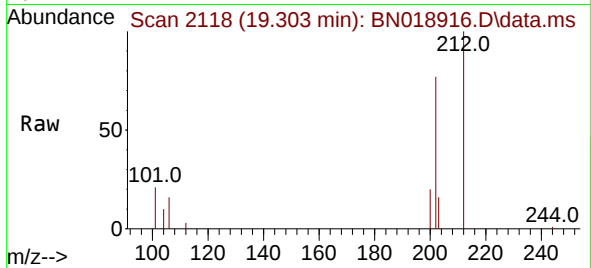




#27
Fluoranthene-d10
Concen: 0.240 ng
RT: 19.303 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

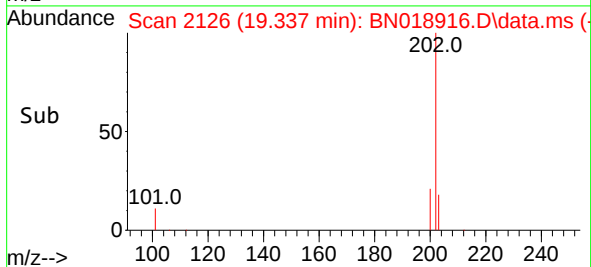
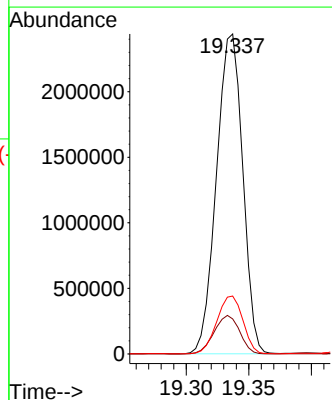
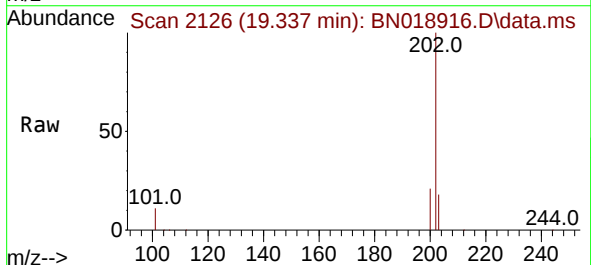
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

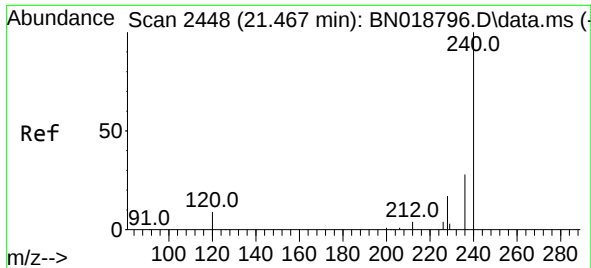
Tgt Ion:212 Resp: 16207
Ion Ratio Lower Upper
212 100
106 17.0 12.7 19.1
104 13.0 7.1 10.7#



#28
Fluoranthene
Concen: 41.143 ng
RT: 19.337 min Scan# 2126
Delta R.T. 0.004 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Tgt Ion:202 Resp: 3556086
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.6
203 18.0 13.7 20.5

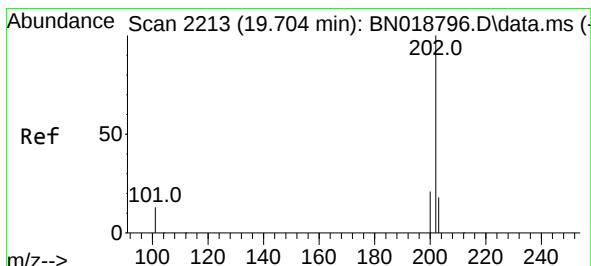
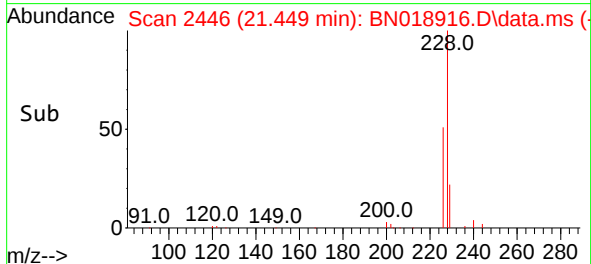
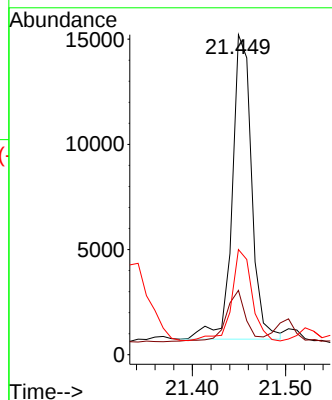
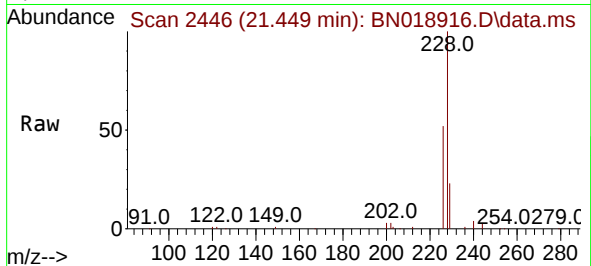




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

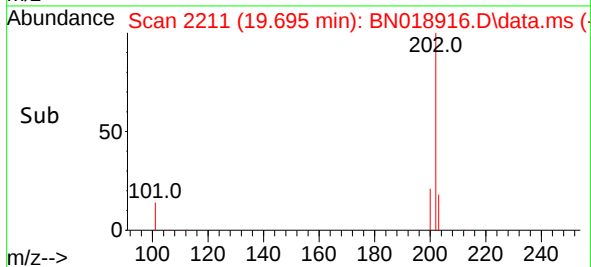
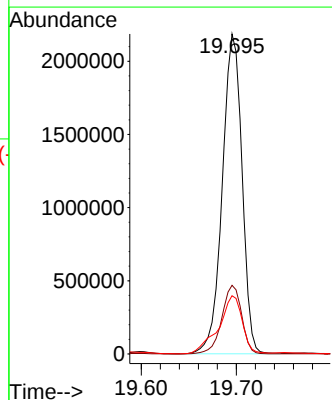
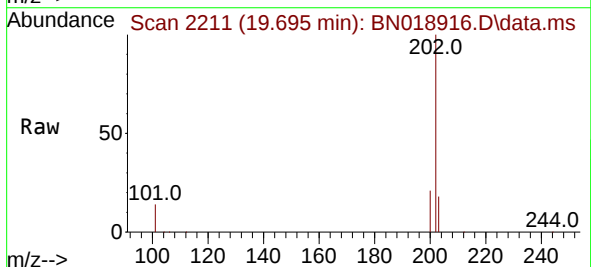
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

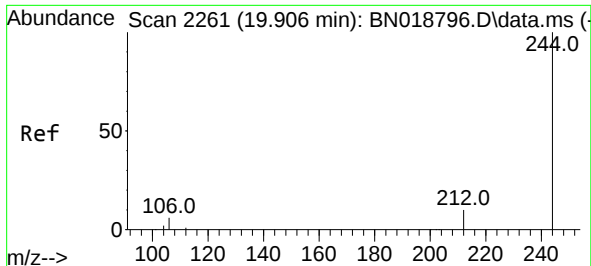
Tgt Ion:240 Resp: 20964
Ion Ratio Lower Upper
240 100
120 20.1 8.5 12.7#
236 32.8 22.4 33.6



#30
Pyrene
Concen: 33.684 ng
RT: 19.695 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Tgt Ion:202 Resp: 3152735
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 21.9 14.2 21.2#

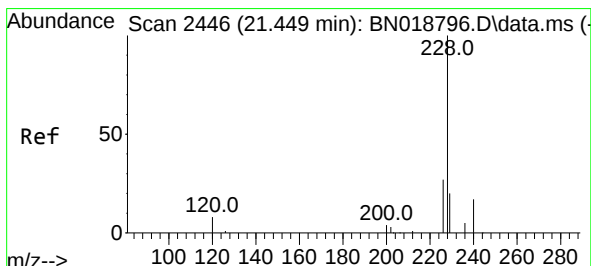
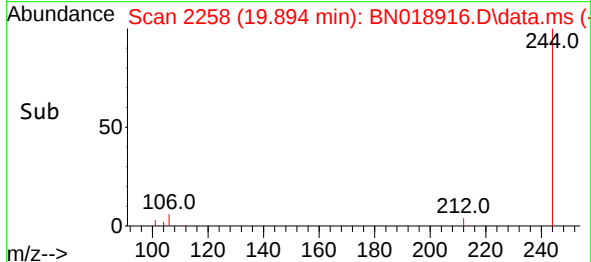
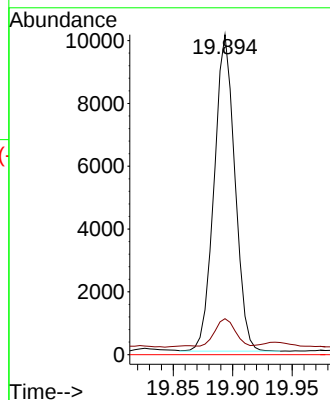
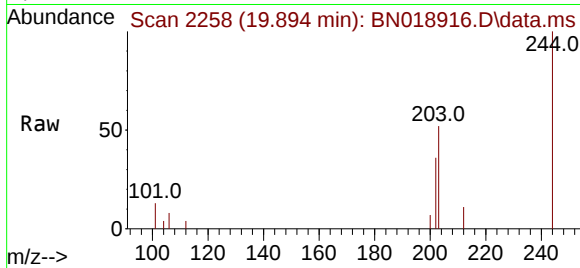




#31
 Terphenyl-d14
 Concen: 0.273 ng
 RT: 19.894 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN018916.D
 Acq: 10 Mar 2022 23:12

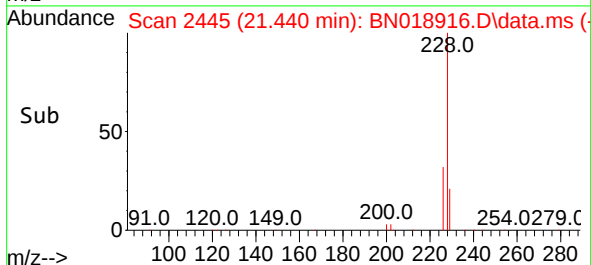
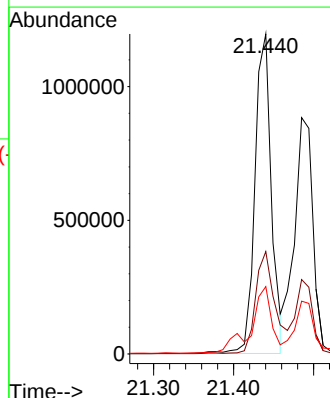
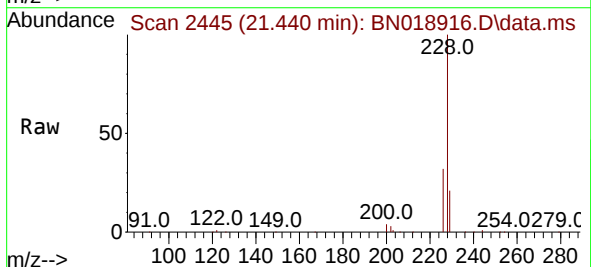
Instrument :
 BNA_N
 ClientSampleId :
 V-2-0309-2A

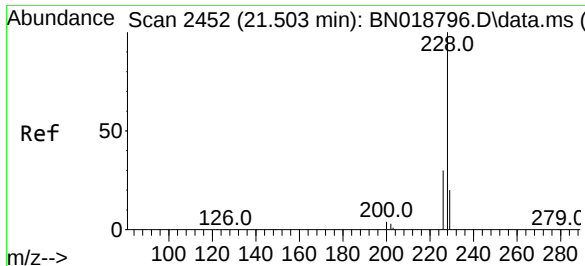
Tgt Ion:244 Resp: 12236
 Ion Ratio Lower Upper
 244 100
 212 11.2 8.2 12.4
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 21.765 ng
 RT: 21.440 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BN018916.D
 Acq: 10 Mar 2022 23:12

Tgt Ion:228 Resp: 1713636
 Ion Ratio Lower Upper
 228 100
 226 32.0 21.9 32.9
 229 21.0 16.0 24.0





#33

Chrysene

Concen: 16.417 ng

RT: 21.485 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BN018916.D

Acq: 10 Mar 2022 23:12

Instrument :

BNA_N

ClientSampleId :

V-2-0309-2A

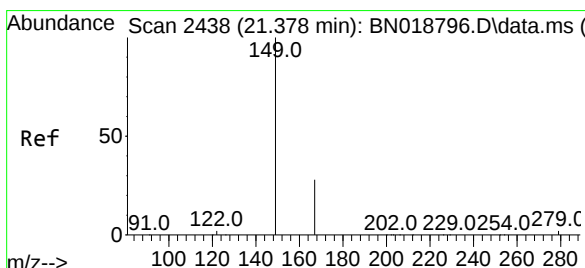
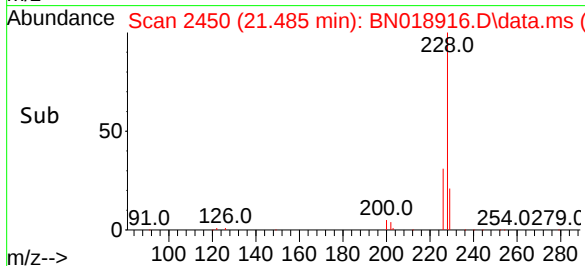
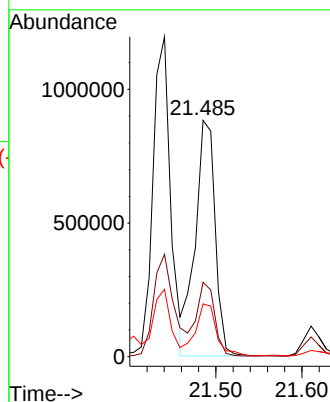
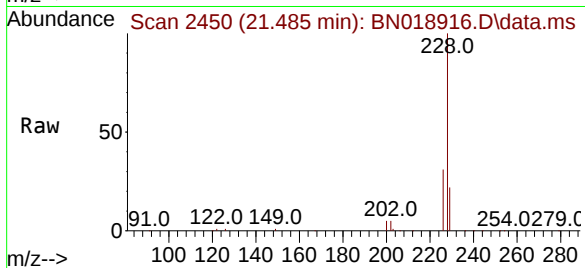
Tgt Ion:228 Resp: 1420306

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

229 22.4 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.220 ng

RT: 21.360 min Scan# 2436

Delta R.T. -0.009 min

Lab File: BN018916.D

Acq: 10 Mar 2022 23:12

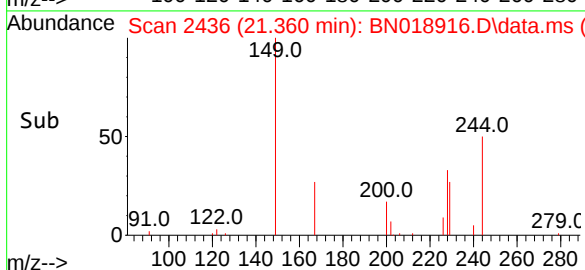
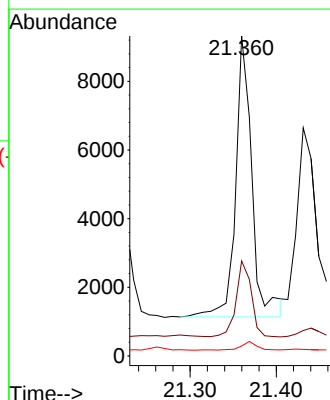
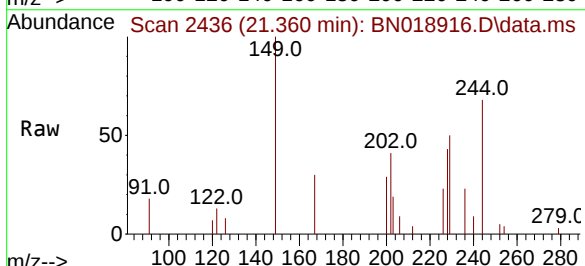
Tgt Ion:149 Resp: 10706

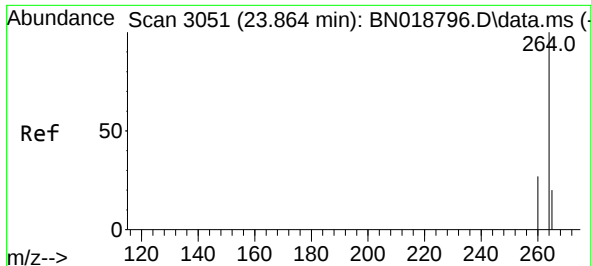
Ion Ratio Lower Upper

149 100

167 25.3 21.8 32.8

279 3.0 2.0 3.0#



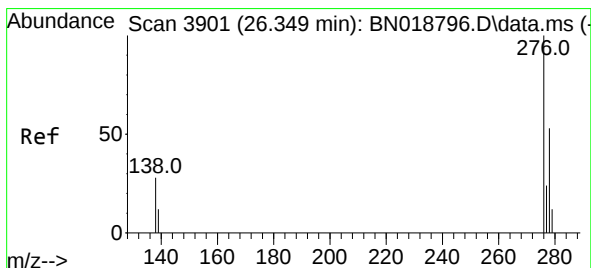
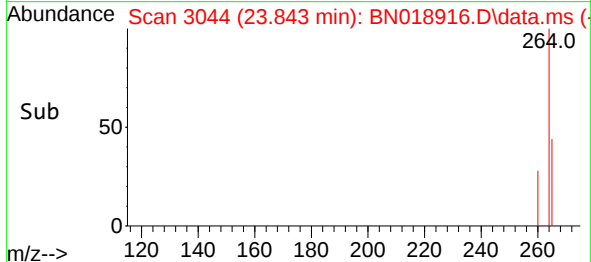
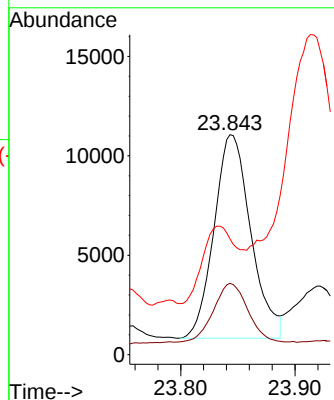
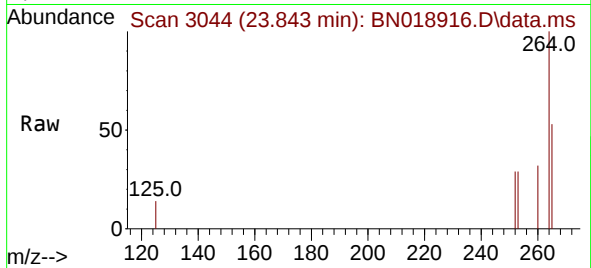


#35
Perylene-d12

Concen: 0.400 ng
RT: 23.843 min Scan# 3051
Delta R.T. 0.000 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

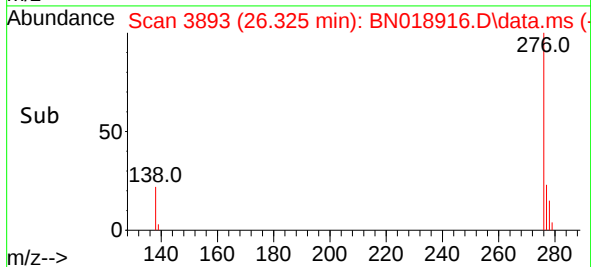
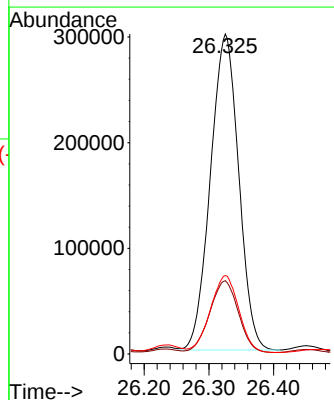
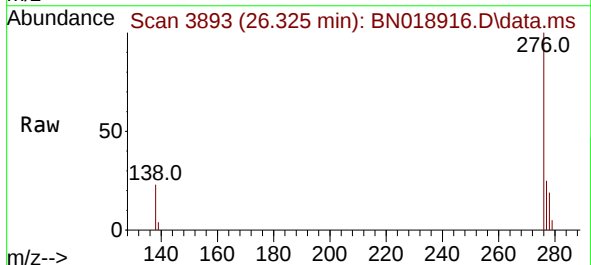
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

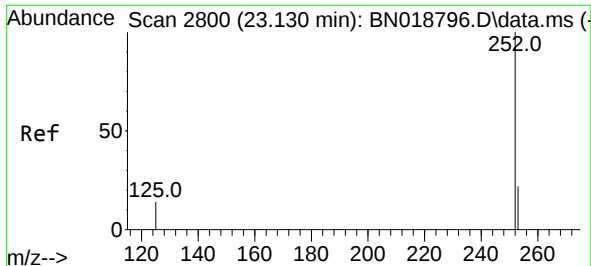
Tgt Ion:264 Resp: 22877
Ion Ratio Lower Upper
264 100
260 32.5 22.4 33.6
265 52.6 25.3 37.9#



#36
Indeno(1,2,3-cd)pyrene
Concen: 8.823 ng
RT: 26.325 min Scan# 3893
Delta R.T. 0.006 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Tgt Ion:276 Resp: 907279
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
277 24.6 19.8 29.8

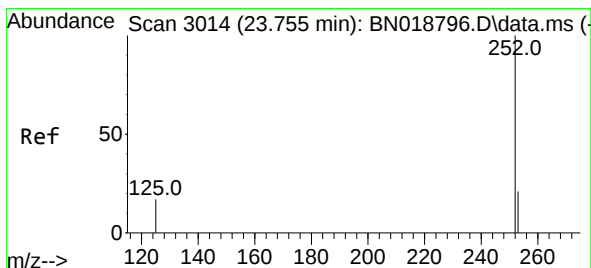
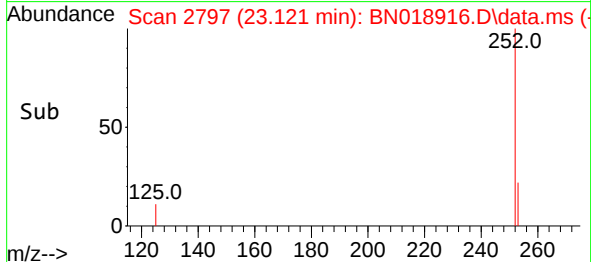
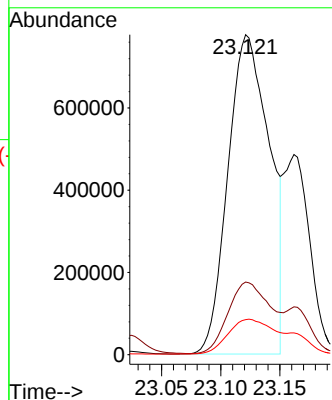
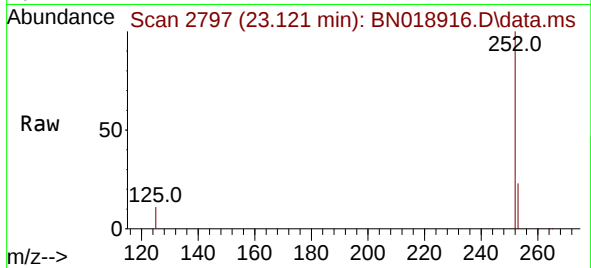




#37
Benzo(b)fluoranthene
Concen: 17.833 ng
RT: 23.121 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

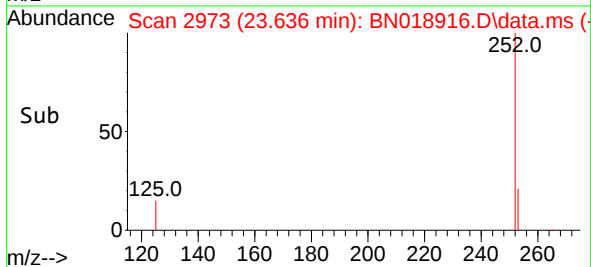
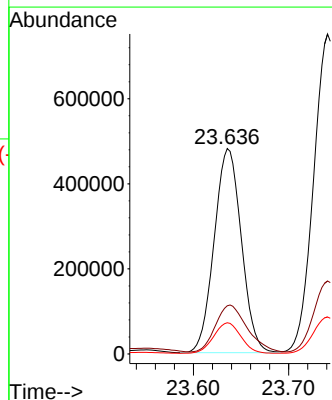
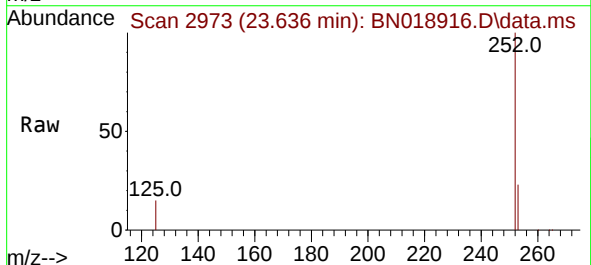
Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

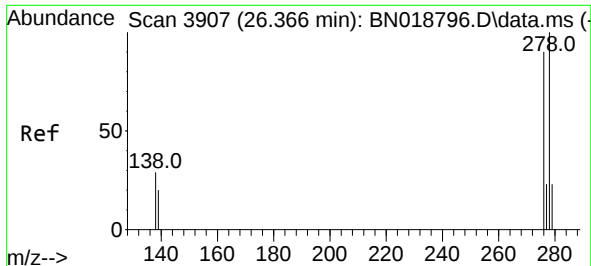
Tgt Ion:252 Resp: 1899154
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 11.0 12.1 18.1#



#39
Benzo(a)pyrene
Concen: 11.633 ng
RT: 23.636 min Scan# 2973
Delta R.T. -0.102 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Tgt Ion:252 Resp: 951864
Ion Ratio Lower Upper
252 100
253 23.5 20.1 30.1
125 15.2 15.2 22.8

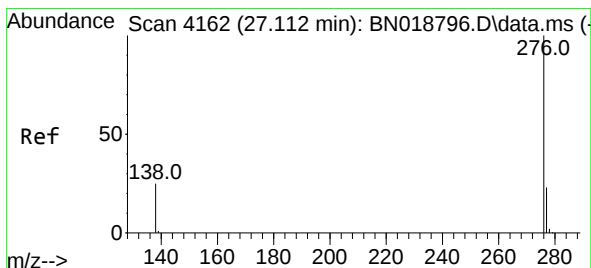
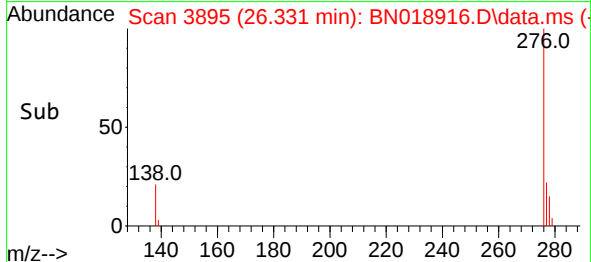
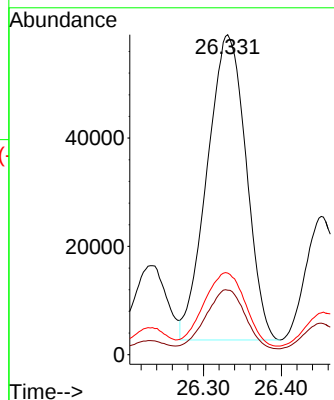
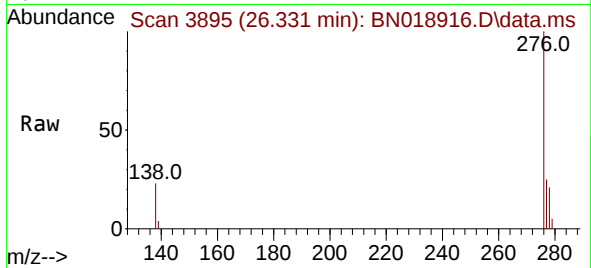




#40
Dibenzo(a,h)anthracene
Concen: 2.482 ng
RT: 26.331 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Instrument :
BNA_N
ClientSampleId :
V-2-0309-2A

Tgt Ion:278 Resp: 195588
Ion Ratio Lower Upper
278 100
139 20.2 17.2 25.8
279 25.5 19.9 29.9



#41
Benzo(g,h,i)perylene
Concen: 10.479 ng
RT: 27.091 min Scan# 4155
Delta R.T. 0.009 min
Lab File: BN018916.D
Acq: 10 Mar 2022 23:12

Tgt Ion:276 Resp: 887099
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 23.4 21.0 31.6

