

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019179.D
 Acq On : 26 Mar 2022 06:45
 Operator : CG/JU
 Sample : N2090-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP032322

Quant Time: Mar 26 07:59:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

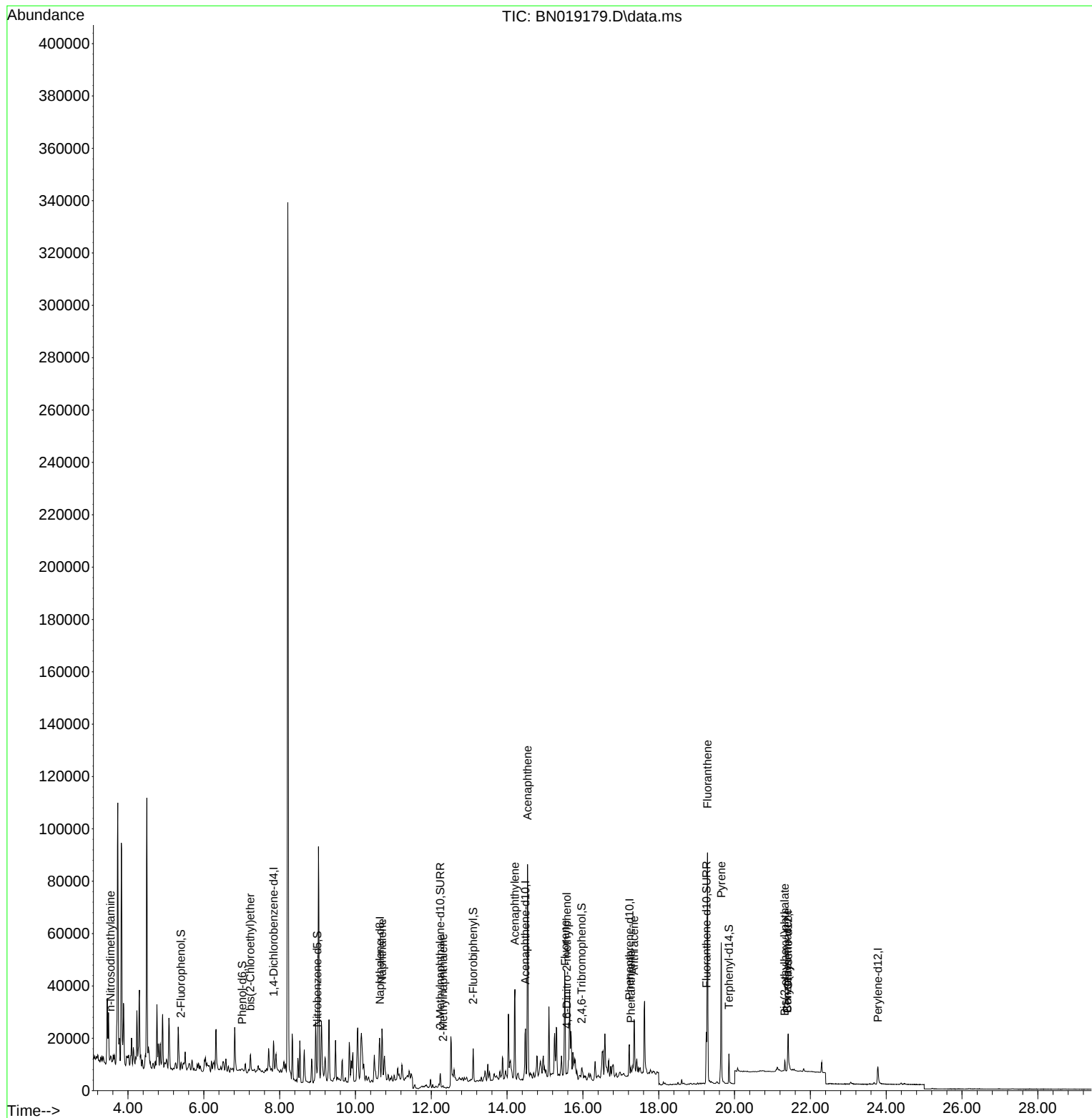
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4392	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12814	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	9615	0.400	ng	# 0.00
19) Phenanthrene-d10	17.225	188	16619	0.400	ng	0.00
29) Chrysene-d12	21.413	240	13370	0.400	ng	# 0.00
35) Perylene-d12	23.779	264	11408	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1747	0.168	ng	0.00
5) Phenol-d6	7.009	99	777	0.065	ng	0.00
8) Nitrobenzene-d5	8.993	82	2807	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	7411	0.361	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	1839	0.393	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	11134	0.276	ng	0.00
27) Fluoranthene-d10	19.257	212	21369	0.439	ng	0.00
31) Terphenyl-d14	19.851	244	12132	0.406	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.543	42	592	0.091	ng	# 1
6) bis(2-Chloroethyl)ether	7.226	93	627	0.049	ng	# 1
9) Naphthalene	10.701	128	5941	0.165	ng	# 1
12) 2-Methylnaphthalene	12.310	142	675	0.028	ng	# 41
16) Acenaphthylene	14.207	152	4391	0.100	ng	# 1
17) Acenaphthene	14.538	154	40787	1.312	ng	99
18) Fluorene	15.532	166	14703	0.372	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.575	198	63	0.023	ng	# 1
25) Phenanthrene	17.267	178	2766	0.052	ng	93
26) Anthracene	17.349	178	26175	0.592	ng	# 93
28) Fluoranthene	19.286	202	80654	1.339	ng	99
30) Pyrene	19.649	202	50421	0.798	ng	# 94
32) Benzo(a)anthracene	21.395	228	3249	0.076	ng	# 84
33) Chrysene	21.395	228	3243	0.059	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.324	149	3812	0.146	ng	# 98

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

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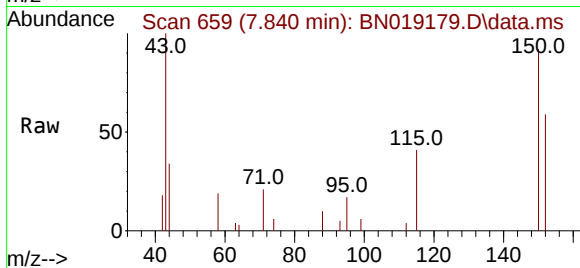
Quant Time: Mar 26 07:59:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
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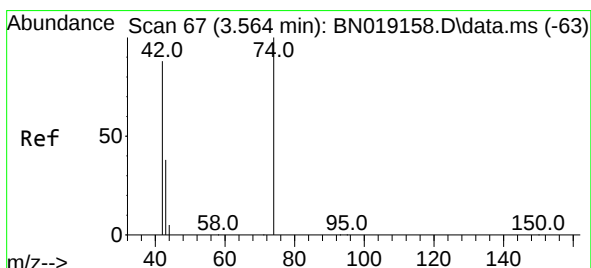
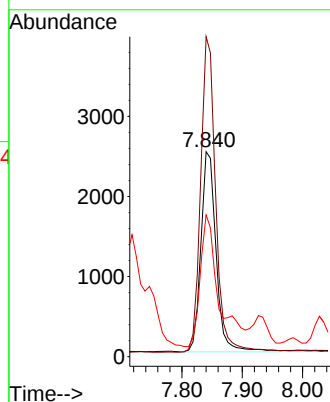
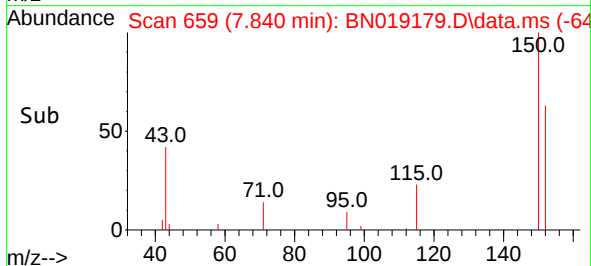


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Instrument :
BNA_N
ClientSampleId :
DUP032322

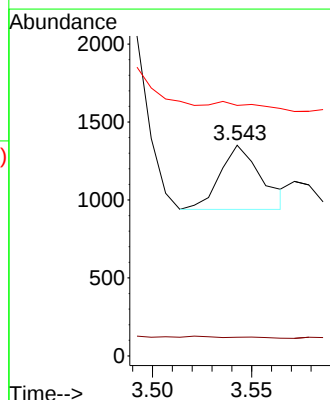
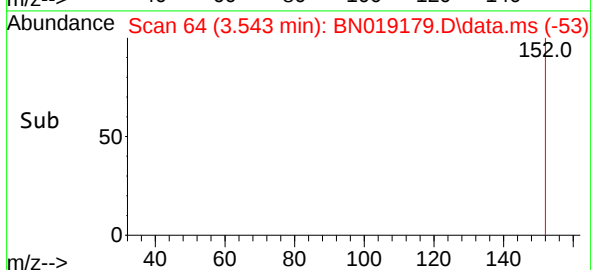
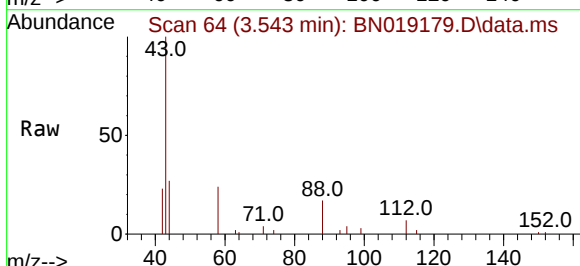


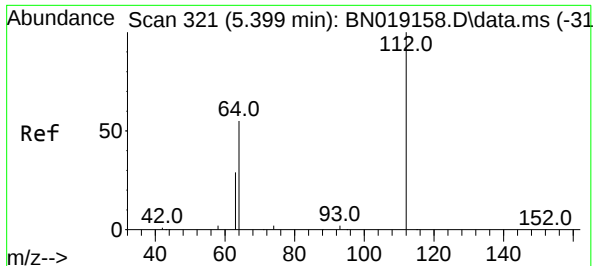
Tgt Ion:152 Resp: 4392
Ion Ratio Lower Upper
152 100
150 156.2 123.9 185.9
115 69.2 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.091 ng
RT: 3.543 min Scan# 64
Delta R.T. -0.022 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Tgt Ion: 42 Resp: 592
Ion Ratio Lower Upper
42 100
74 0.0 96.9 145.3#
44 0.0 7.3 10.9#

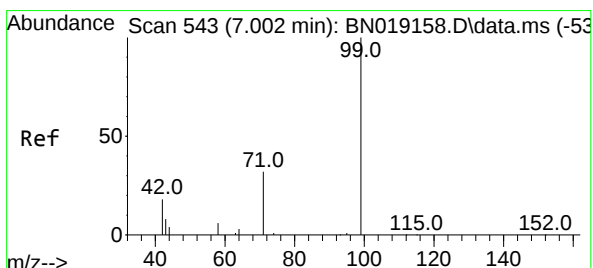
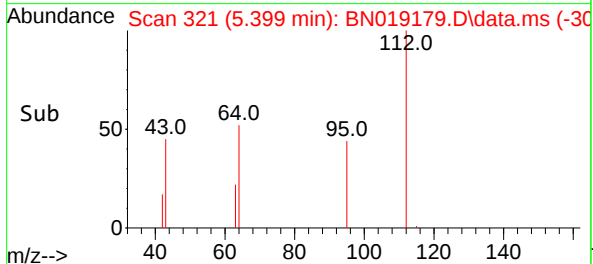
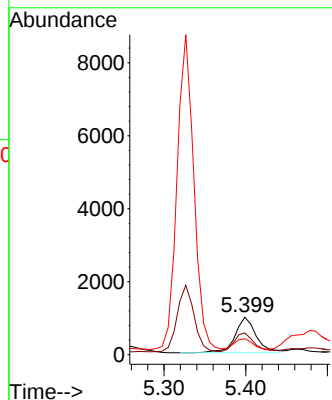
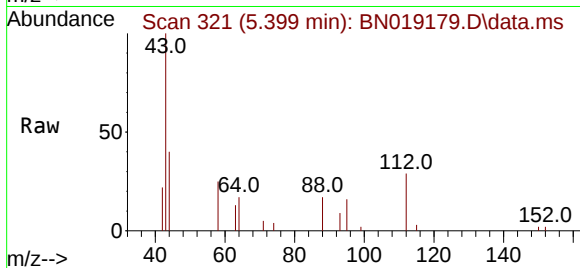




#4
2-Fluorophenol
Concen: 0.168 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

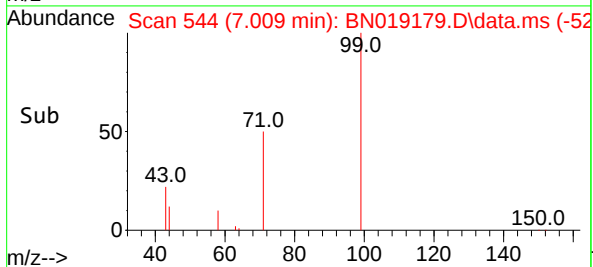
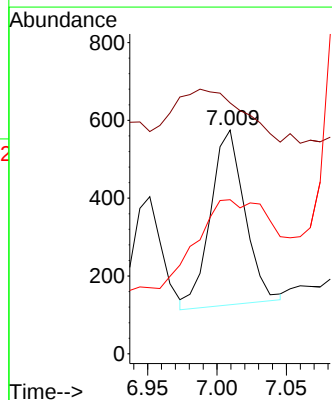
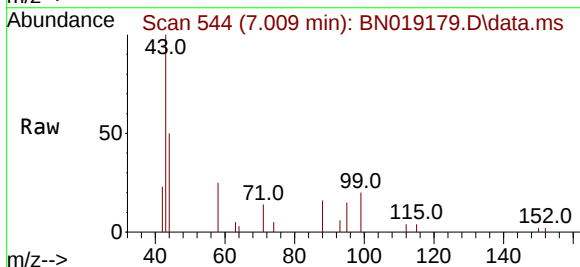
Instrument :
BNA_N
ClientSampleId :
DUP032322

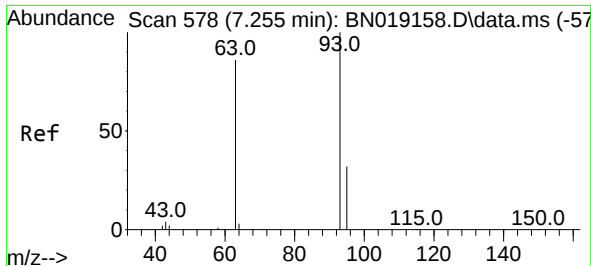
Tgt Ion:112 Resp: 1747
Ion Ratio Lower Upper
112 100
64 47.4 47.8 71.8#
63 26.0 25.7 38.5



#5
Phenol-d6
Concen: 0.065 ng
RT: 7.009 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Tgt Ion: 99 Resp: 777
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 118.7 27.7 41.5#

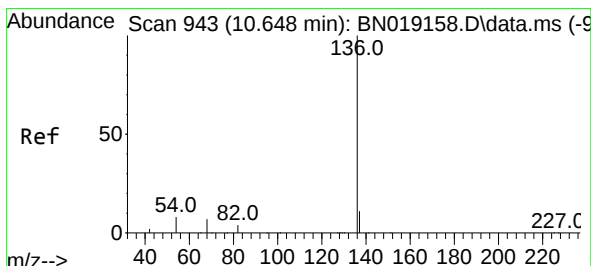
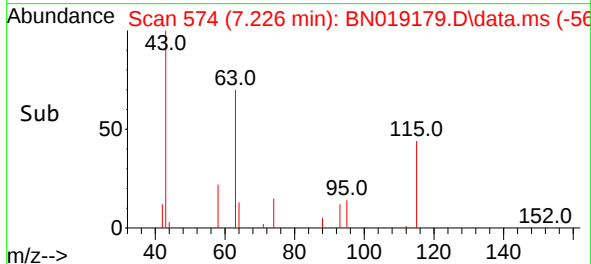
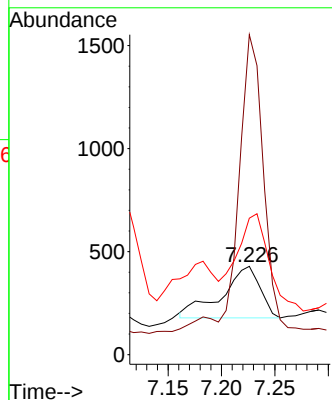
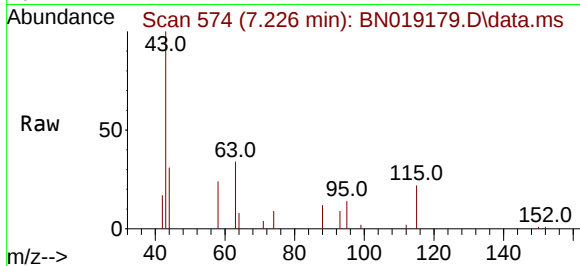




#6
bis(2-Chloroethyl)ether
Concen: 0.049 ng
RT: 7.226 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

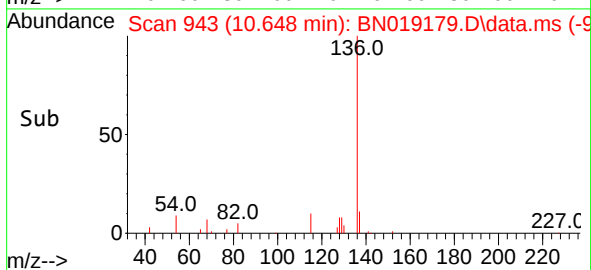
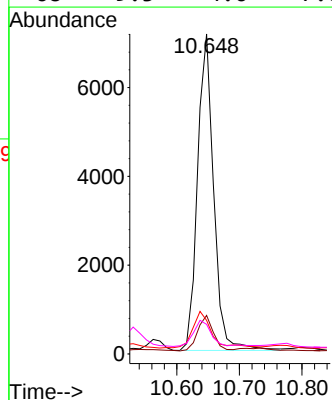
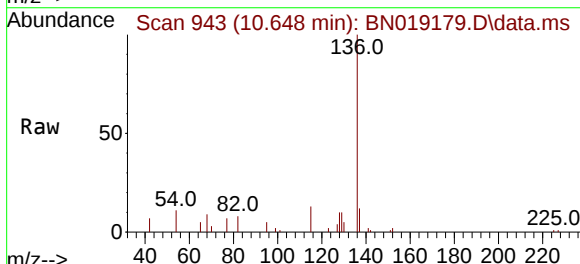
Instrument :
BNA_N
ClientSampleId :
DUP032322

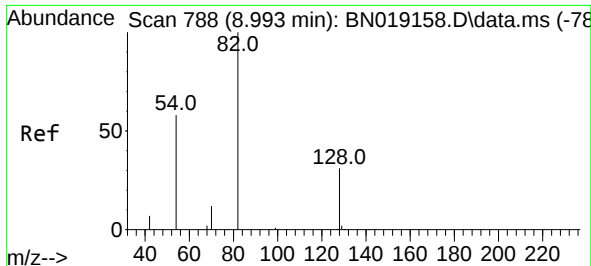
Tgt Ion: 93 Resp: 627
Ion Ratio Lower Upper
93 100
63 373.4 62.8 94.2#
95 161.4 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Tgt Ion: 136 Resp: 12814
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.4
54 10.5 5.8 8.6#
68 9.3 4.6 7.0#

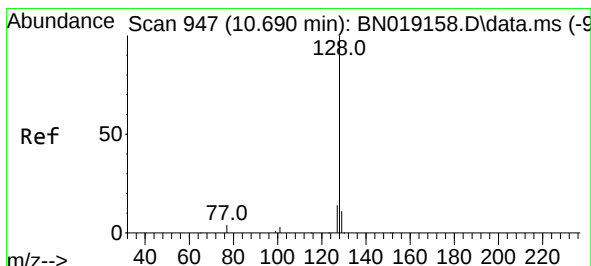
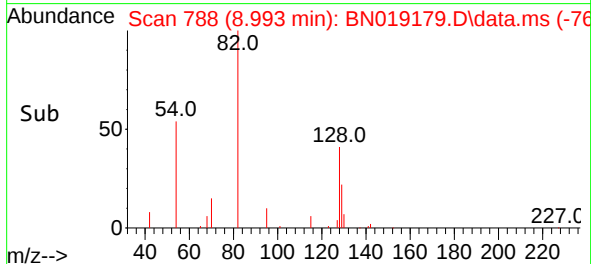
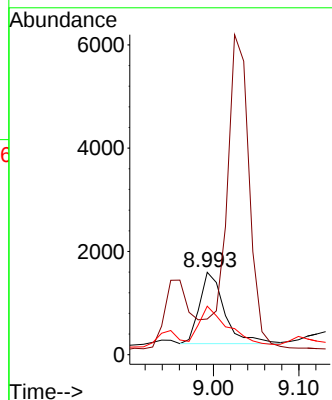
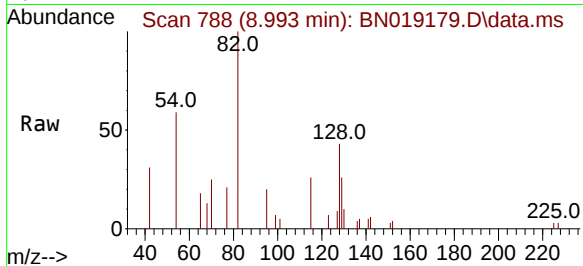




#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

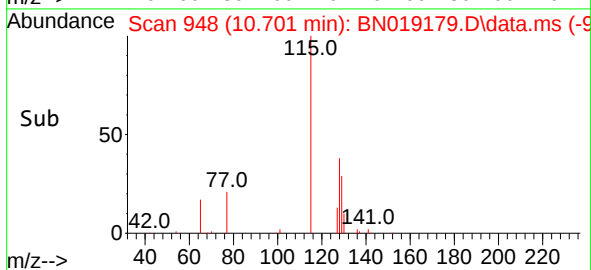
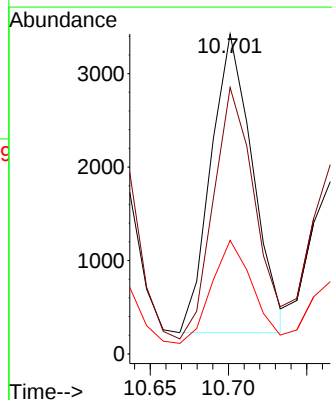
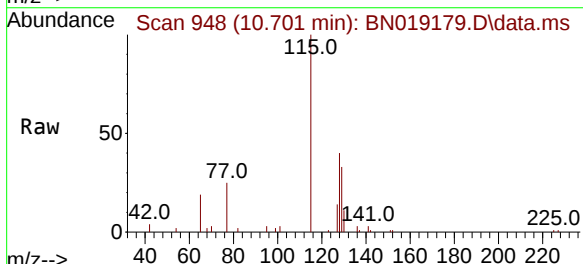
Instrument :
BNA_N
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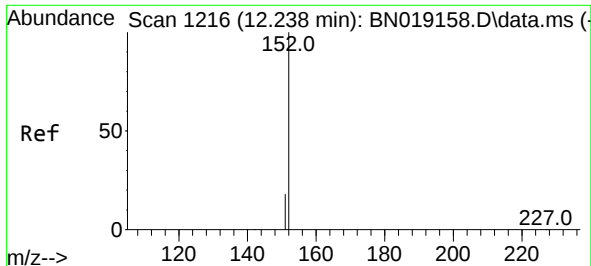
Tgt Ion: 82 Resp: 2807
Ion Ratio Lower Upper
82 100
128 43.2 33.0 49.6
54 58.9 42.5 63.7



#9
Naphthalene
Concen: 0.165 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Tgt Ion: 128 Resp: 5941
Ion Ratio Lower Upper
128 100
129 83.2 9.0 13.4#
127 35.5 10.7 16.1#





#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 12.238 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN019179.D

Acq: 26 Mar 2022 06:45

Instrument :

BNA_N

ClientSampleId :

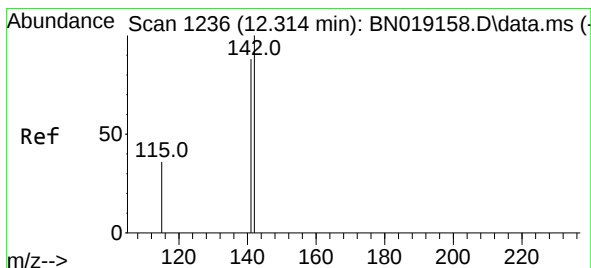
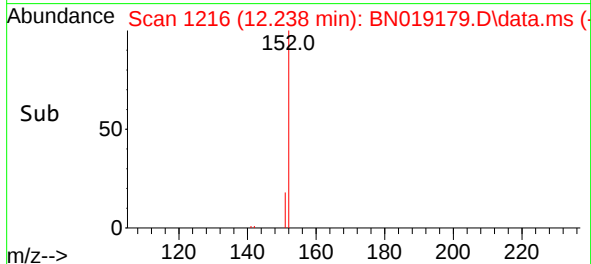
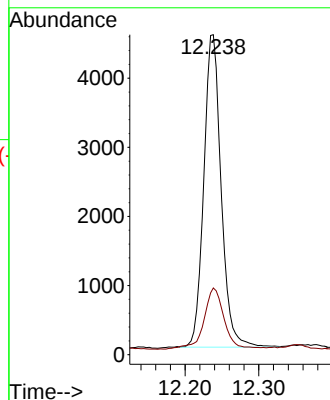
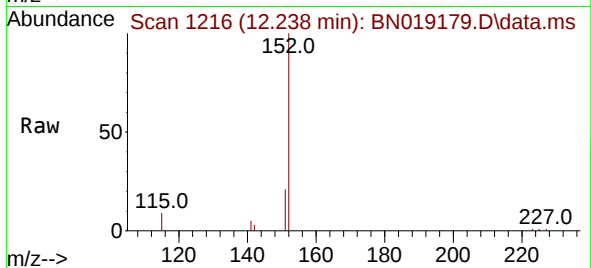
DUP032322

Tgt Ion:152 Resp: 7411

Ion Ratio Lower Upper

152 100

151 23.0 16.5 24.7



#12

2-Methylnaphthalene

Concen: 0.028 ng

RT: 12.310 min Scan# 1235

Delta R.T. -0.004 min

Lab File: BN019179.D

Acq: 26 Mar 2022 06:45

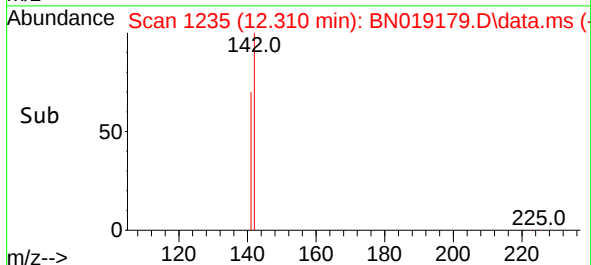
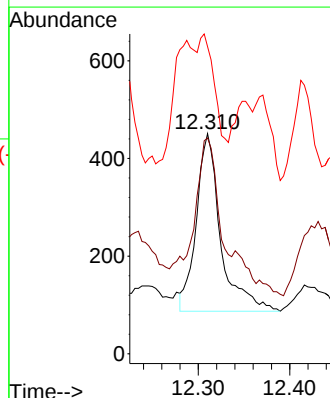
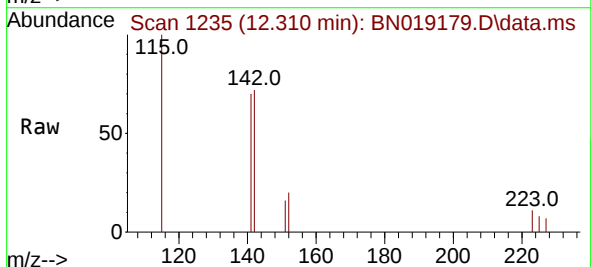
Tgt Ion:142 Resp: 675

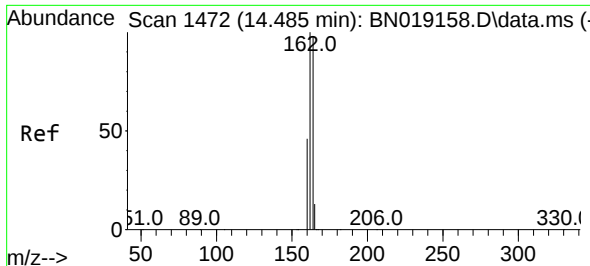
Ion Ratio Lower Upper

142 100

141 98.0 70.0 105.0

115 139.5 29.8 44.8#

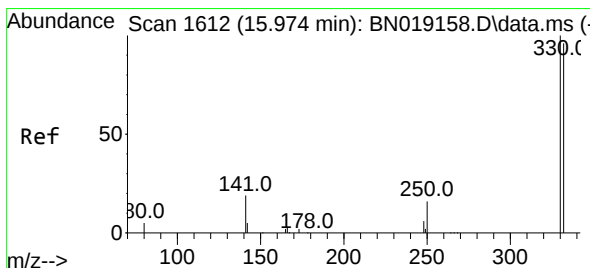
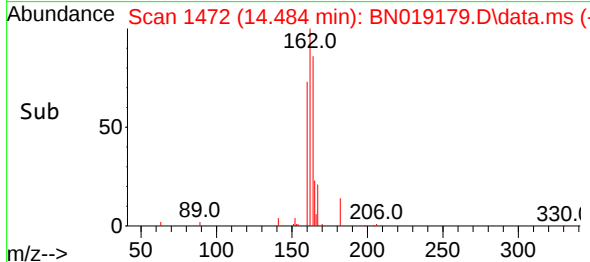
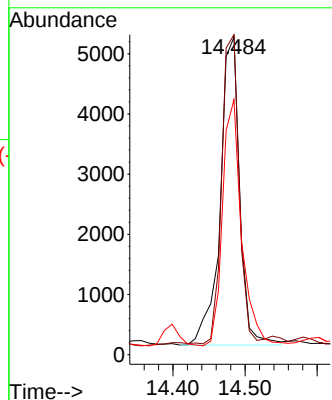
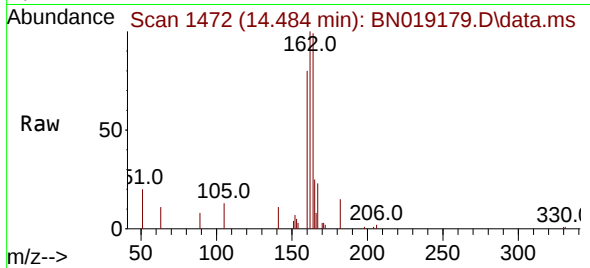




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

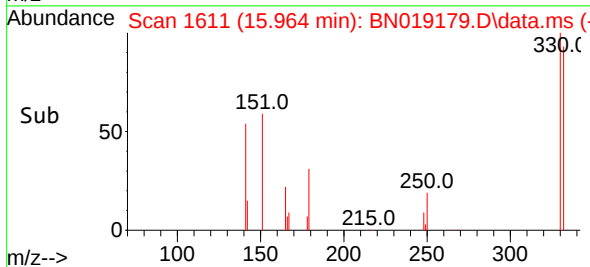
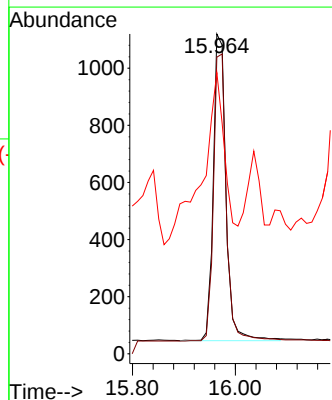
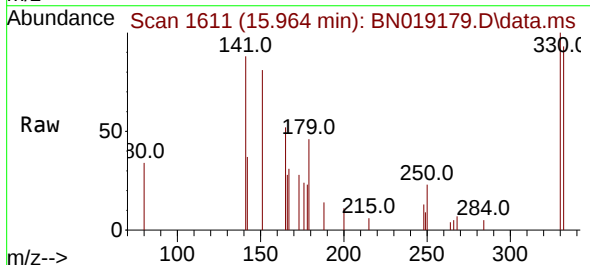
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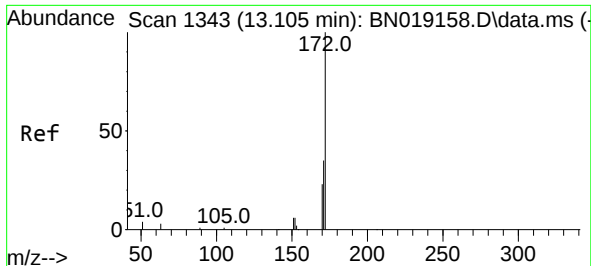
Tgt Ion:164 Resp: 9615
Ion Ratio Lower Upper
164 100
162 100.8 85.2 127.8
160 80.3 41.5 62.3#



#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.010 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Tgt Ion:330 Resp: 1839
Ion Ratio Lower Upper
330 100
332 94.5 76.8 115.2
141 68.9 32.2 48.2#

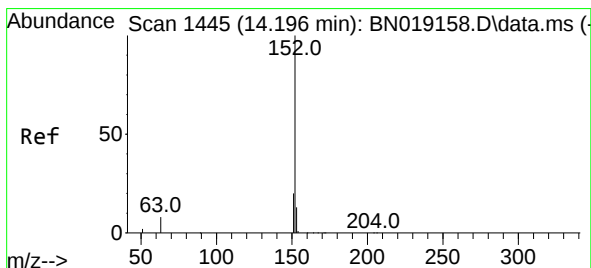
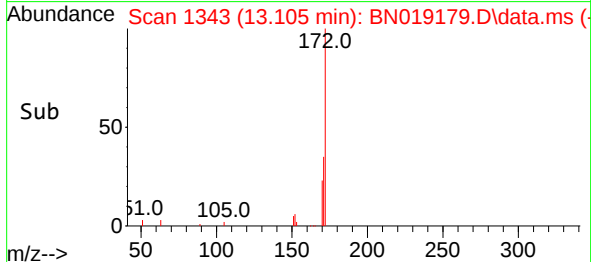
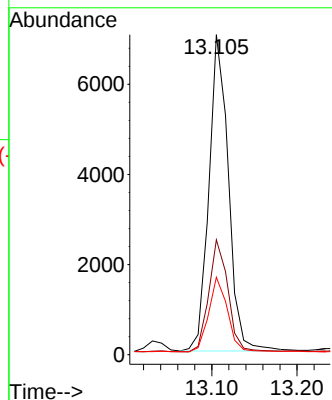
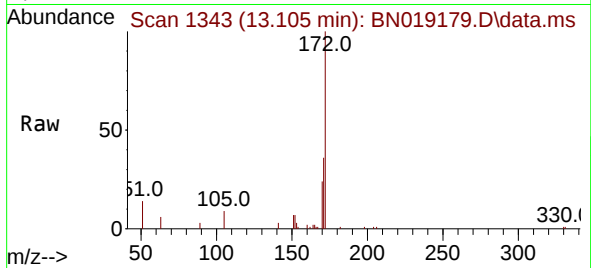




#15
2-Fluorobiphenyl
Concen: 0.276 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

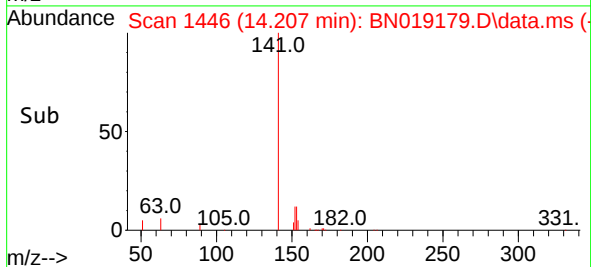
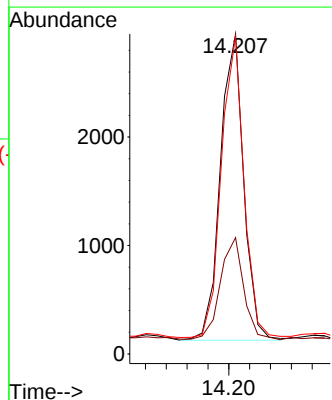
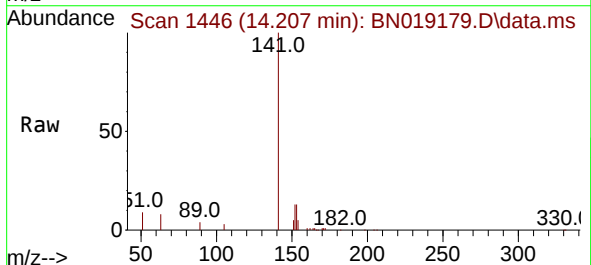
Instrument :
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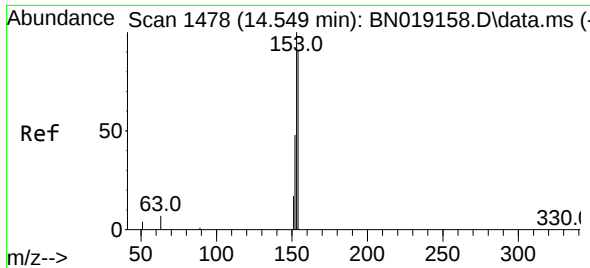
Tgt Ion:172 Resp: 11134
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.2 18.7 28.1



#16
Acenaphthylene
Concen: 0.100 ng
RT: 14.207 min Scan# 1446
Delta R.T. 0.011 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Tgt Ion:152 Resp: 4391
Ion Ratio Lower Upper
152 100
151 33.4 15.9 23.9#
153 94.6 10.6 15.8#

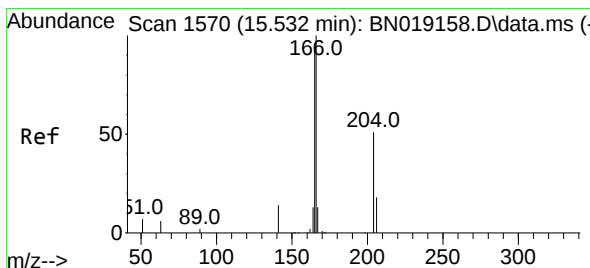
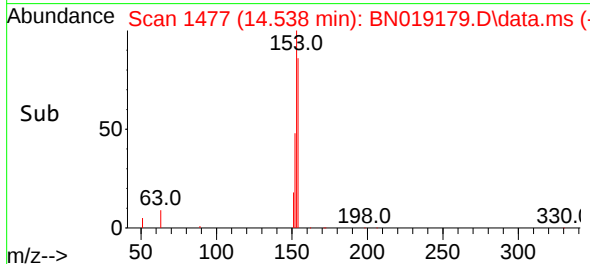
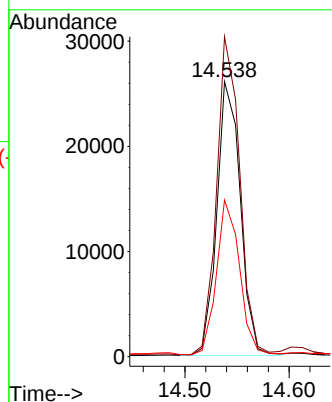
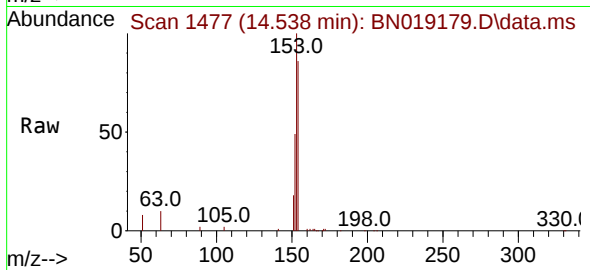




#17
Acenaphthene
Concen: 1.312 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

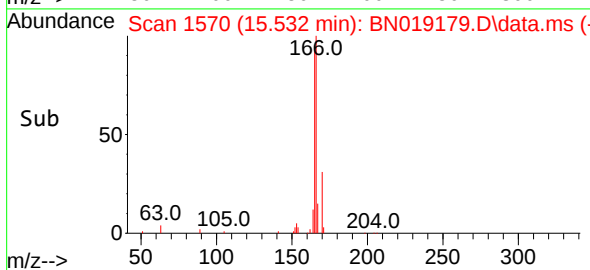
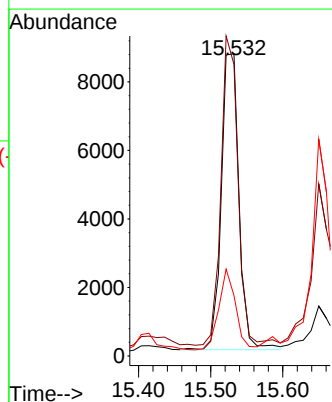
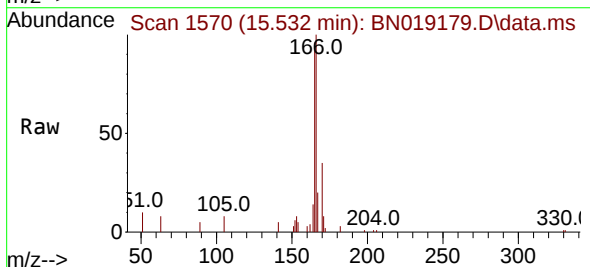
Instrument :
BNA_N
ClientSampleId :
DUP032322

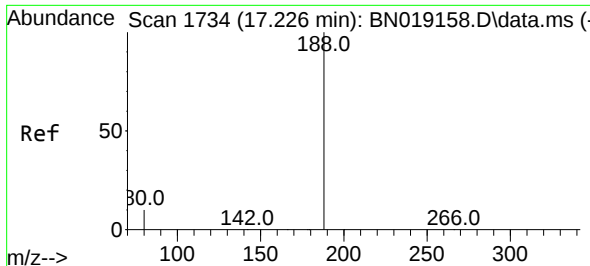
Tgt Ion:154 Resp: 40787
Ion Ratio Lower Upper
154 100
153 114.0 89.7 134.5
152 55.7 44.7 67.1



#18
Fluorene
Concen: 0.372 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Tgt Ion:166 Resp: 14703
Ion Ratio Lower Upper
166 100
165 99.1 79.2 118.8
167 26.1 10.7 16.1#

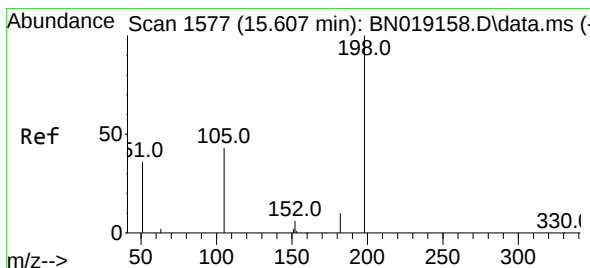
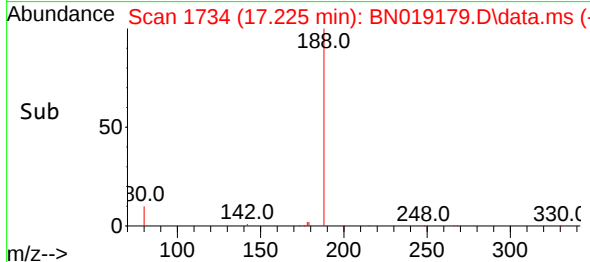
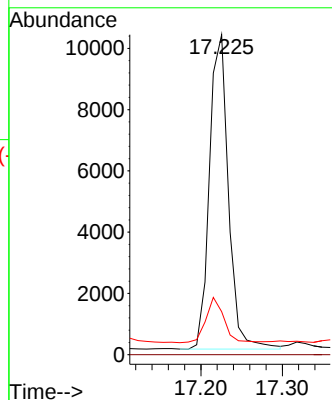
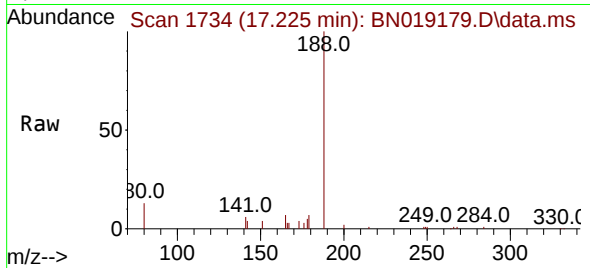




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

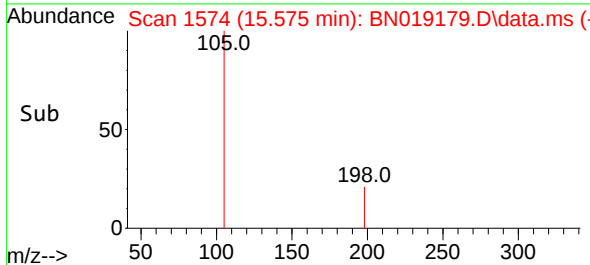
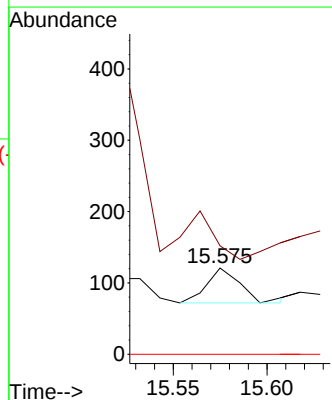
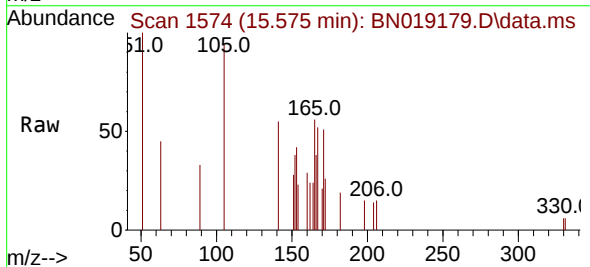
Instrument :
BNA_N
ClientSampleId :
DUP032322

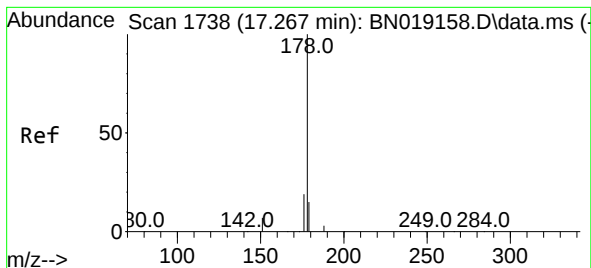
Tgt Ion:188 Resp: 16619
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 11.8 17.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.023 ng
RT: 15.575 min Scan# 1574
Delta R.T. -0.032 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Tgt Ion:198 Resp: 63
Ion Ratio Lower Upper
198 100
182 125.6 13.0 19.4#
77 0.0 0.0 0.0





#25

Phenanthrene

Concen: 0.052 ng

RT: 17.267 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BN019179.D

Acq: 26 Mar 2022 06:45

Instrument :

BNA_N

ClientSampleId :

DUP032322

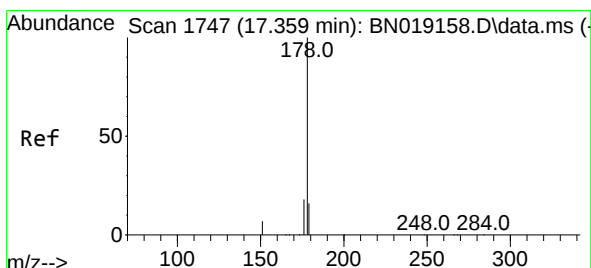
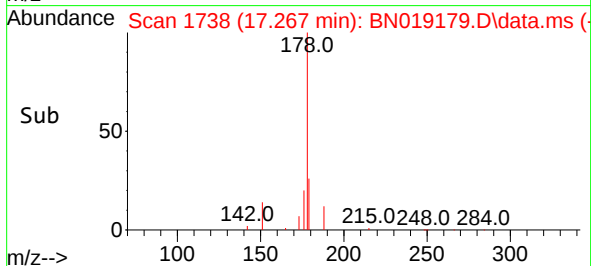
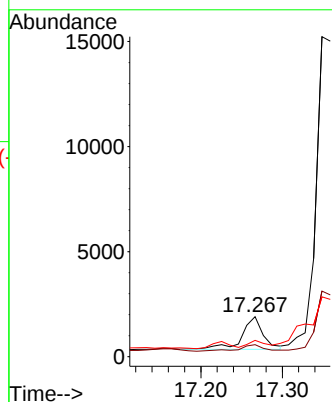
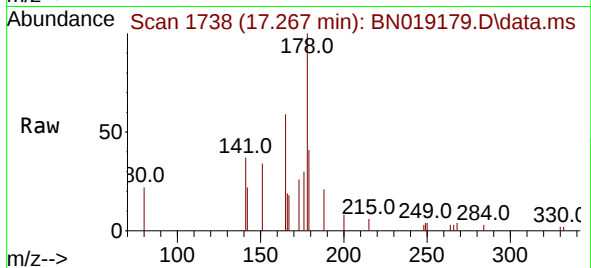
Tgt Ion:178 Resp: 2766

Ion Ratio Lower Upper

178 100

176 23.0 15.4 23.0

179 17.1 12.2 18.2



#26

Anthracene

Concen: 0.592 ng

RT: 17.349 min Scan# 1746

Delta R.T. -0.010 min

Lab File: BN019179.D

Acq: 26 Mar 2022 06:45

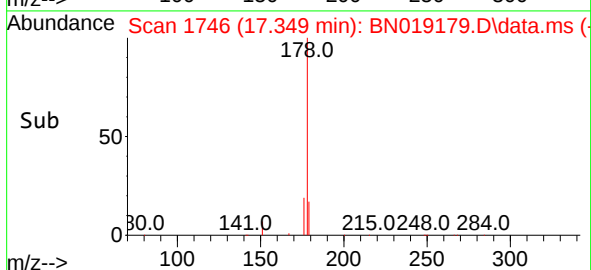
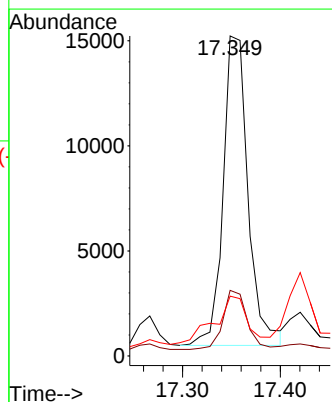
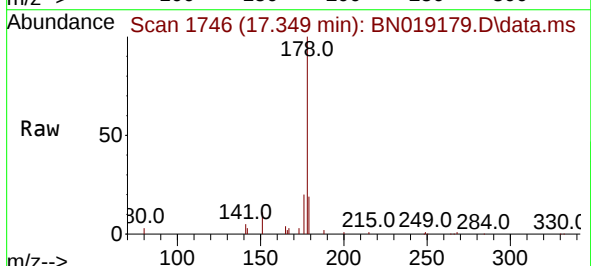
Tgt Ion:178 Resp: 26175

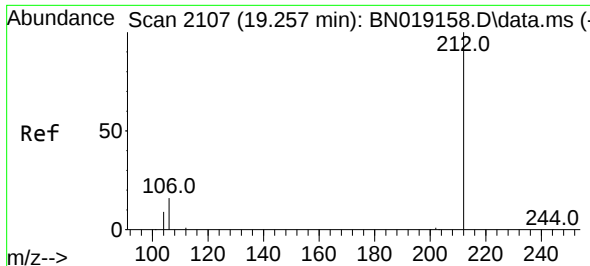
Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

179 21.4 12.2 18.4#

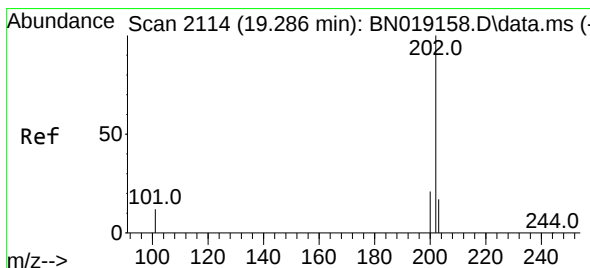
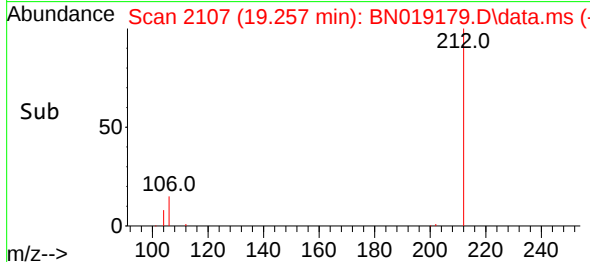
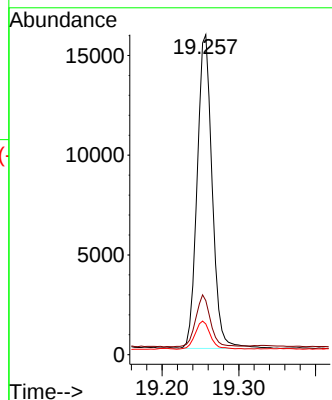
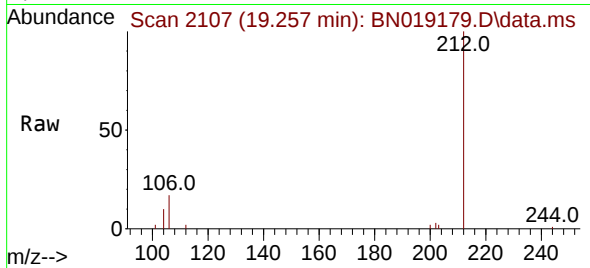




#27
Fluoranthene-d10
Concen: 0.439 ng
RT: 19.257 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

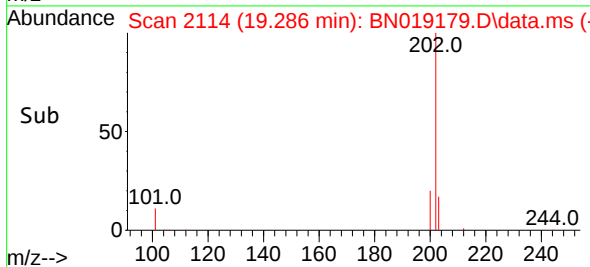
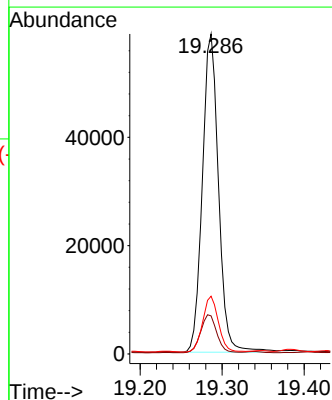
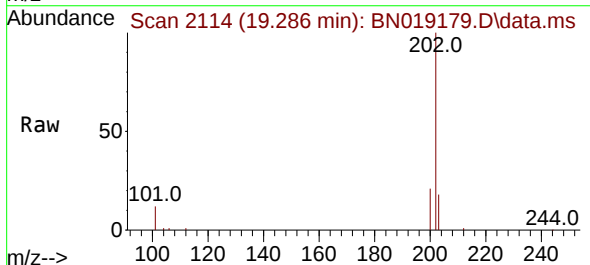
Instrument :
BNA_N
ClientSampleId :
DUP032322

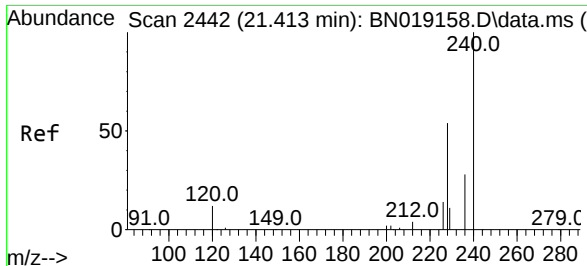
Tgt Ion:212 Resp: 21369
Ion Ratio Lower Upper
212 100
106 16.1 12.7 19.1
104 9.2 7.1 10.7



#28
Fluoranthene
Concen: 1.339 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Tgt Ion:202 Resp: 80654
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.6
203 16.9 13.7 20.5

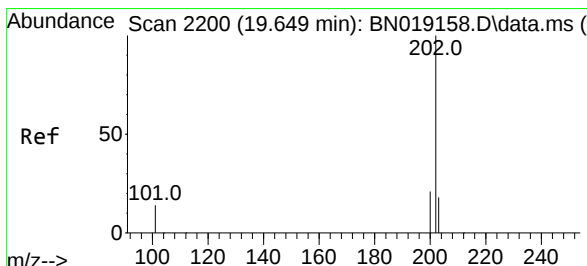
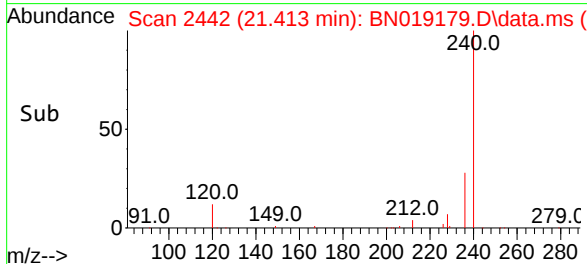
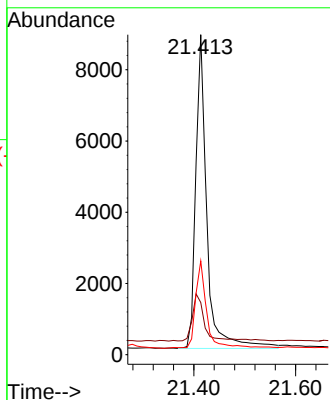
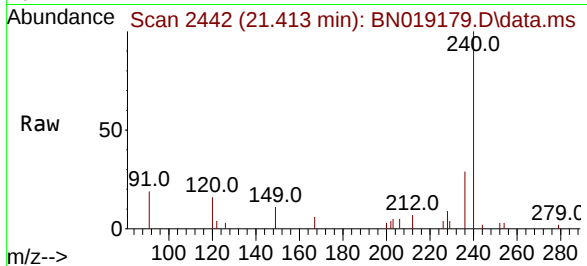




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

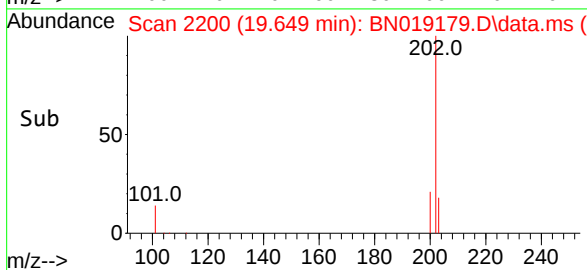
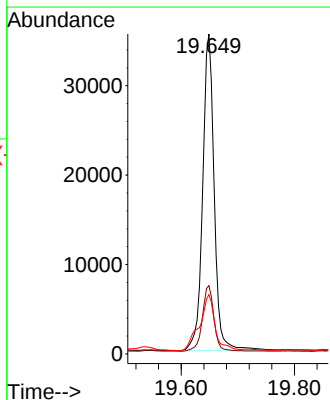
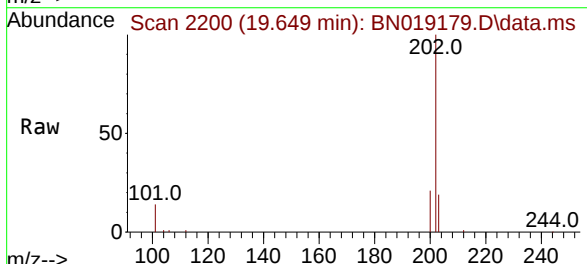
Instrument :
BNA_N
ClientSampleId :
DUP032322

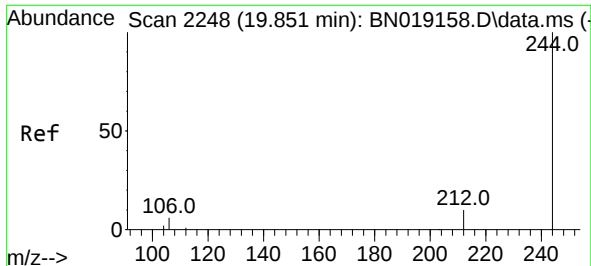
Tgt Ion:240 Resp: 13370
Ion Ratio Lower Upper
240 100
120 16.3 8.5 12.7#
236 29.3 22.4 33.6



#30
Pyrene
Concen: 0.798 ng
RT: 19.649 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Tgt Ion:202 Resp: 50421
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 23.3 14.2 21.2#

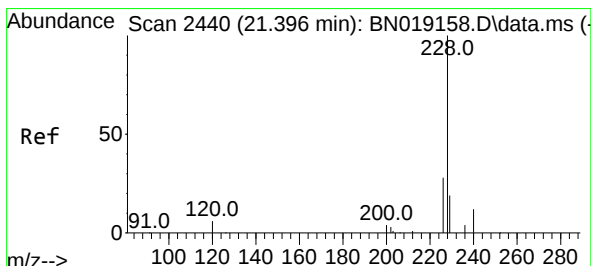
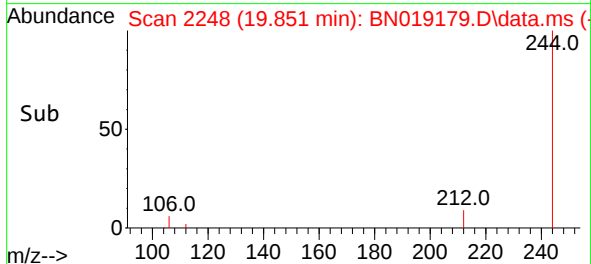
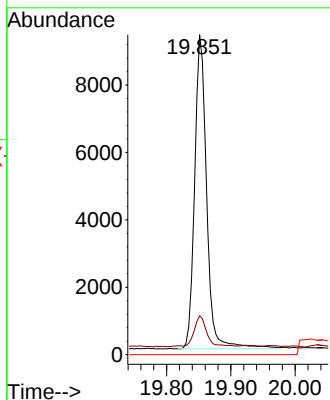
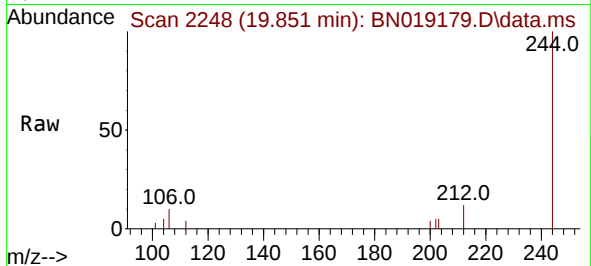




#31
 Terphenyl-d14
 Concen: 0.406 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN019179.D
 Acq: 26 Mar 2022 06:45

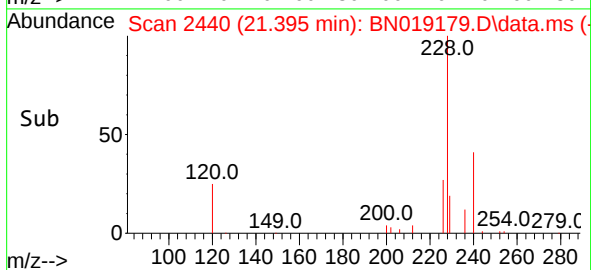
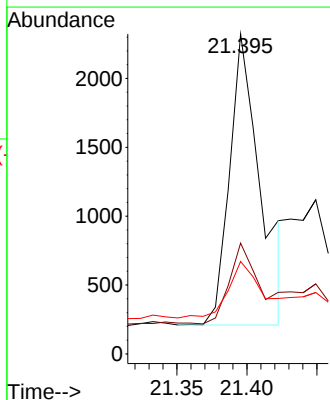
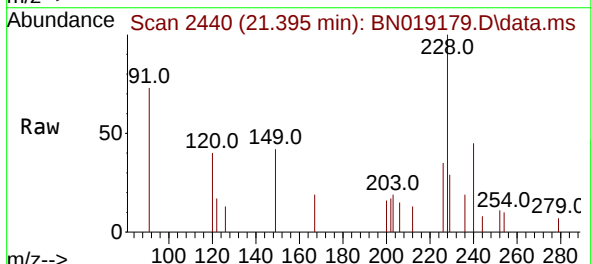
Instrument :
 BNA_N
 ClientSampleId :
 DUP032322

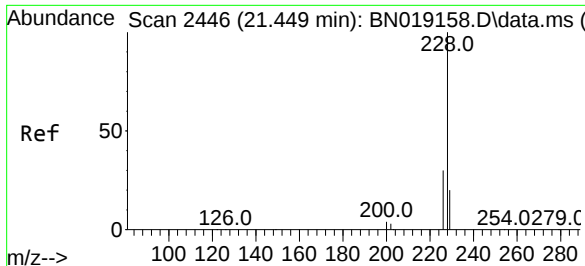
Tgt Ion:244 Resp: 12132
 Ion Ratio Lower Upper
 244 100
 212 12.2 8.2 12.4
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.076 ng
 RT: 21.395 min Scan# 2440
 Delta R.T. -0.000 min
 Lab File: BN019179.D
 Acq: 26 Mar 2022 06:45

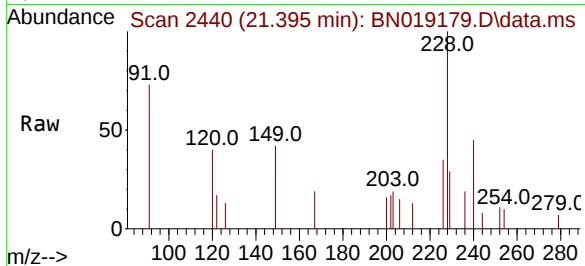
Tgt Ion:228 Resp: 3249
 Ion Ratio Lower Upper
 228 100
 226 34.7 21.9 32.9#
 229 28.9 16.0 24.0#



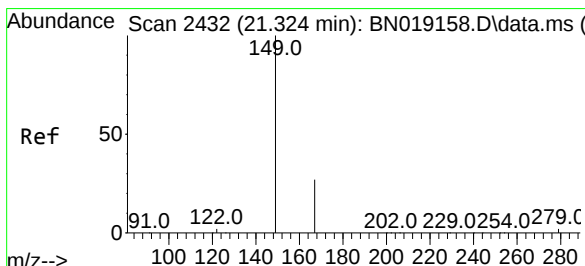
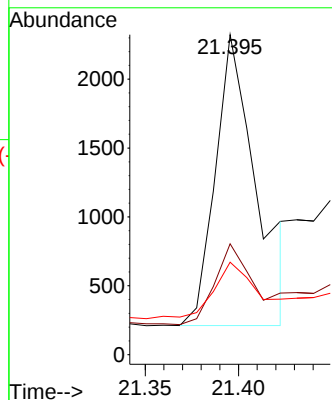
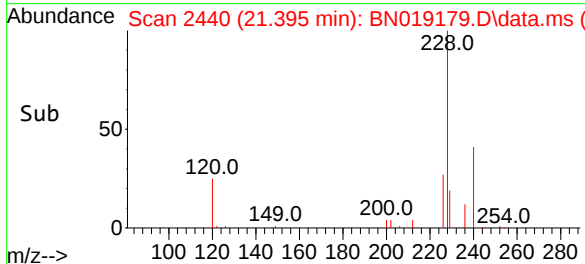


#33
Chrysene
Concen: 0.059 ng
RT: 21.395 min Scan# 2440
Delta R.T. -0.054 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

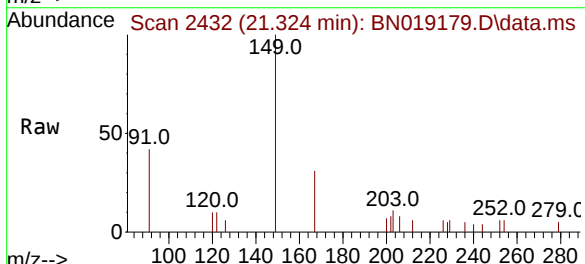
Instrument :
BNA_N
ClientSampleId :
DUP032322



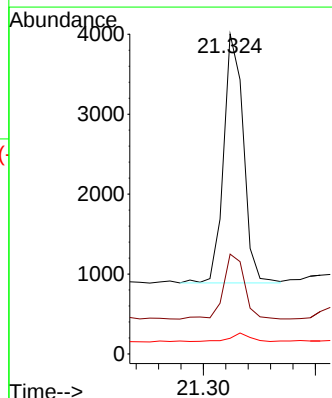
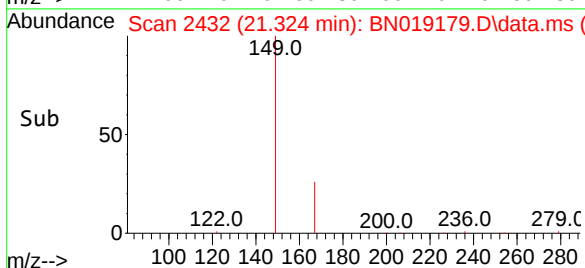
Tgt Ion:228 Resp: 3243
Ion Ratio Lower Upper
228 100
226 34.7 24.0 36.0
229 28.9 15.9 23.9#

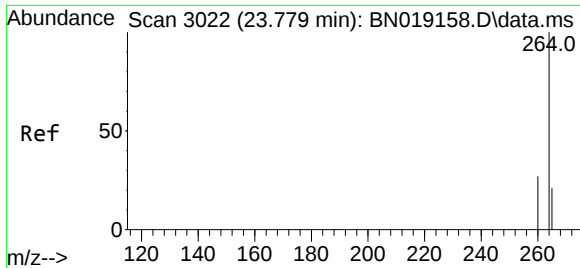


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.146 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45



Tgt Ion:149 Resp: 3812
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.8
279 4.4 2.0 3.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.779 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN019179.D
 Acq: 26 Mar 2022 06:45

Instrument :
 BNA_N
 ClientSampleId :
 DUP032322

Tgt Ion:	264	Resp:	11408
Ion	Ratio	Lower	Upper
264	100		
260	28.2	22.4	33.6
265	42.1	25.3	37.9

