

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019178.D
 Acq On : 26 Mar 2022 06:09
 Operator : CG/JU
 Sample : N2090-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-63

Quant Time: Mar 26 07:59:47 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)

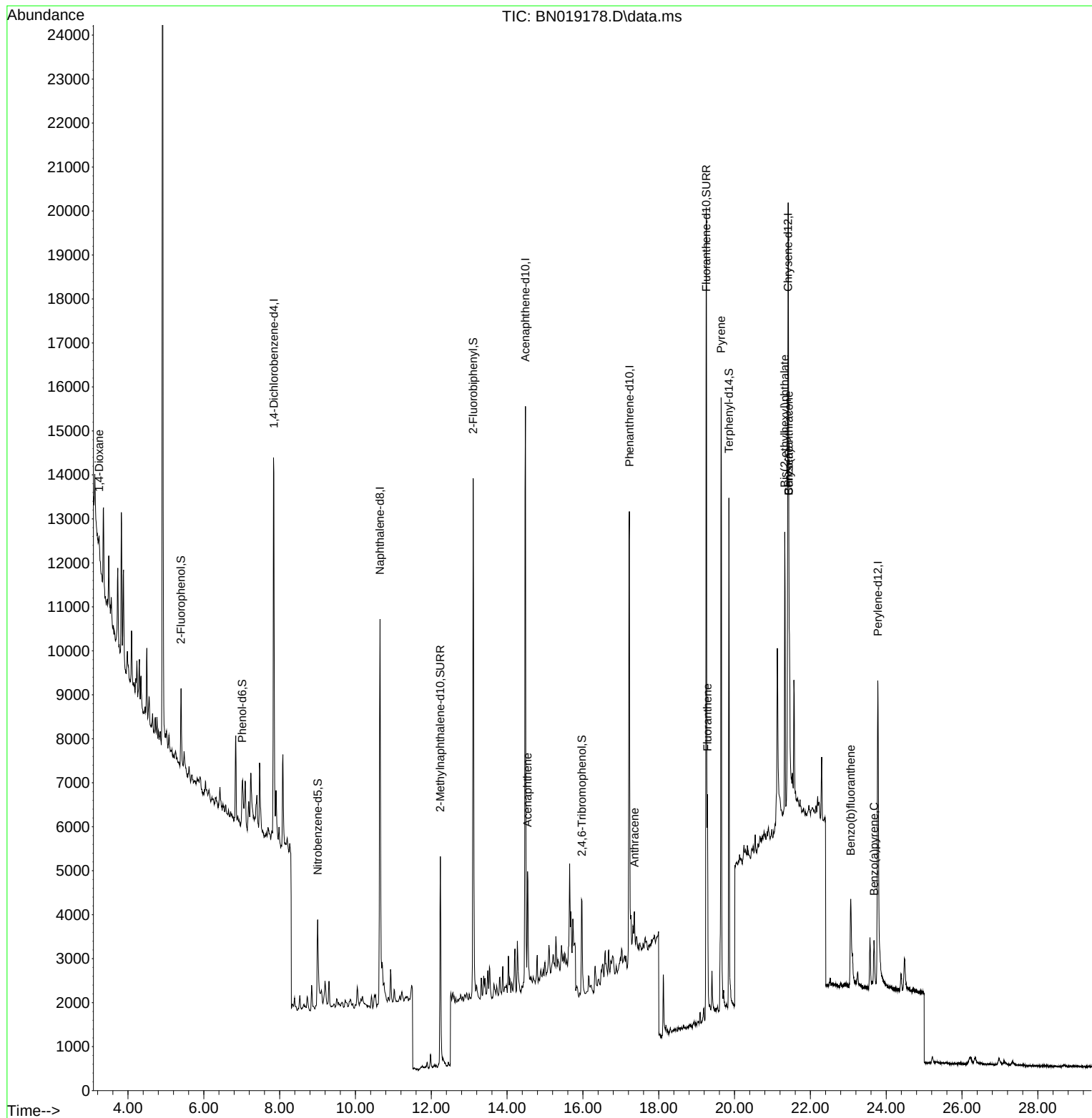
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	4603	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12953	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	8026	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	16207	0.400	ng	0.00
29) Chrysene-d12	21.413	240	13673	0.400	ng	# 0.00
35) Perylene-d12	23.779	264	11604	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1610	0.148	ng	0.00
5) Phenol-d6	7.009	99	949	0.076	ng	0.00
8) Nitrobenzene-d5	9.003	82	2564	0.255	ng	0.01
11) 2-Methylnaphthalene-d10	12.238	152	7469	0.360	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1438	0.369	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	11303	0.335	ng	0.00
27) Fluoranthene-d10	19.253	212	20968	0.442	ng	0.00
31) Terphenyl-d14	19.851	244	13050	0.428	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	231	0.038	ng	# 78
17) Acenaphthene	14.538	154	1355	0.052	ng	99
26) Anthracene	17.359	178	1151	0.027	ng	# 83
28) Fluoranthene	19.286	202	4104	0.070	ng	97
30) Pyrene	19.645	202	13809	0.214	ng	# 94
32) Benzo(a)anthracene	21.431	228	8306	0.189	ng	# 82
33) Chrysene	21.431	228	8303	0.147	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.324	149	6039	0.226	ng	# 98
37) Benzo(b)fluoranthene	23.062	252	4226	0.096	ng	# 31
39) Benzo(a)pyrene	23.679	252	1402	0.037	ng	# 1

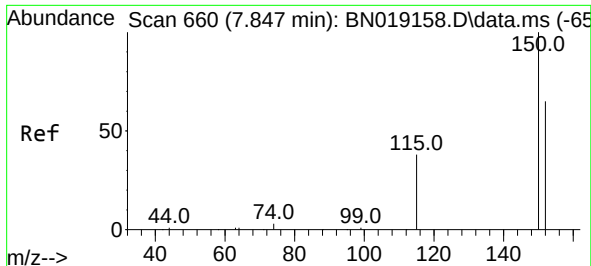
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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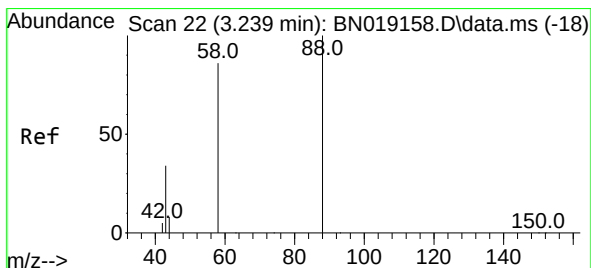
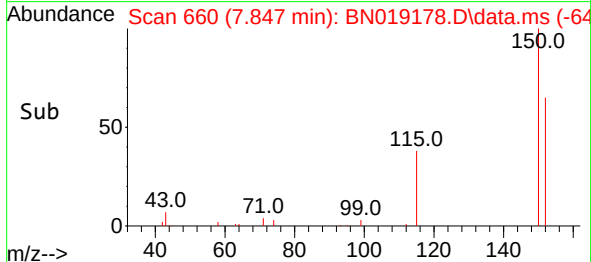
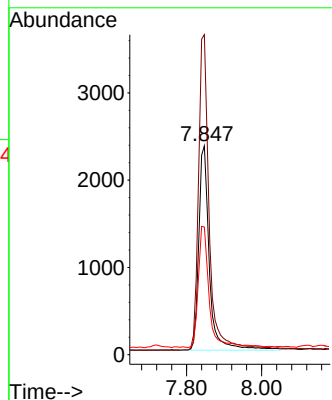
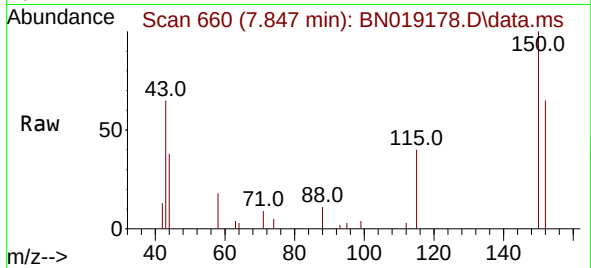




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.847 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BN019178.D
 Acq: 26 Mar 2022 06:09

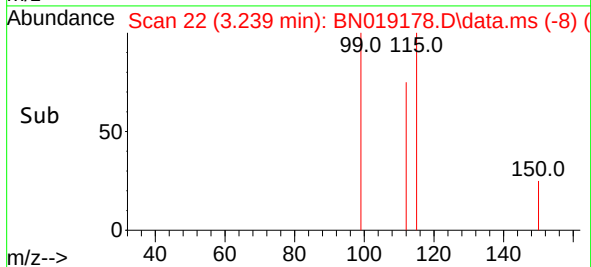
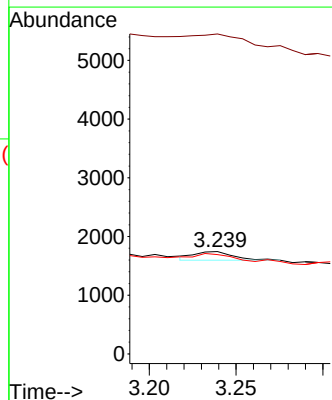
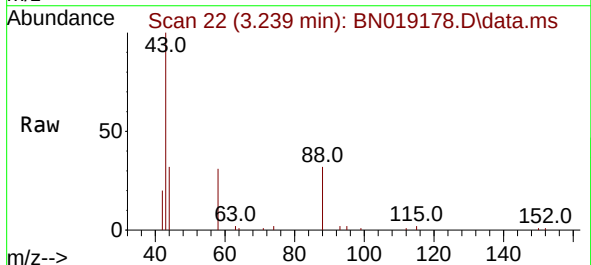
Instrument :
 BNA_N
 ClientSampleId :
 MW-63

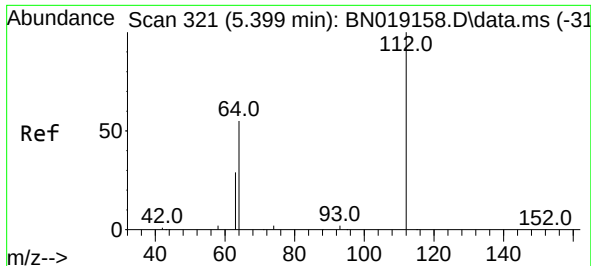
Tgt Ion:152 Resp: 4603
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.9 185.9
 115 61.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.239 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: BN019178.D
 Acq: 26 Mar 2022 06:09

Tgt Ion: 88 Resp: 231
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.6 37.0#
 58 73.6 65.4 98.2





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.399 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN019178.D

Acq: 26 Mar 2022 06:09

Instrument :

BNA_N

ClientSampleId :

MW-63

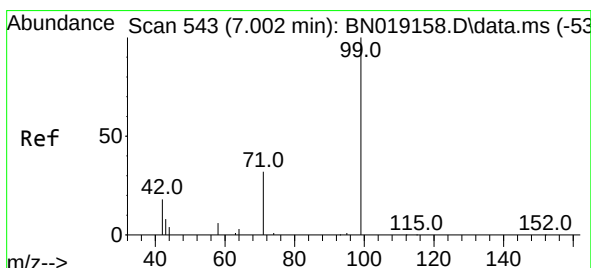
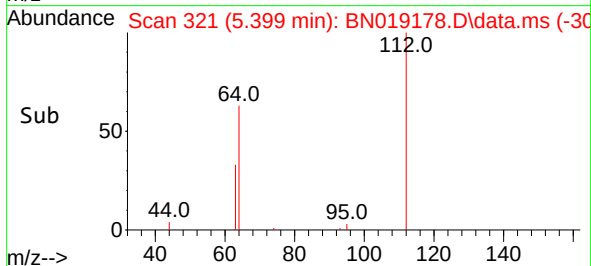
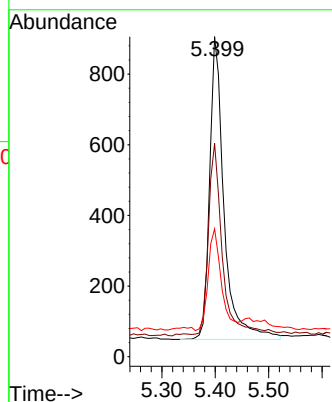
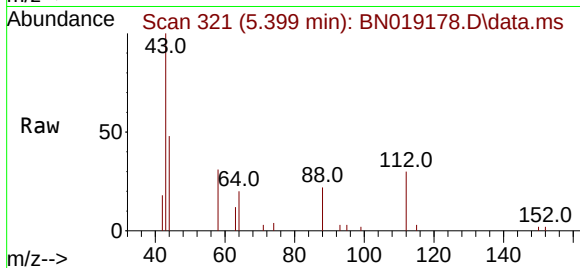
Tgt Ion:112 Resp: 1610

Ion Ratio Lower Upper

112 100

64 60.6 47.8 71.8

63 30.8 25.7 38.5



#5

Phenol-d6

Concen: 0.076 ng

RT: 7.009 min Scan# 544

Delta R.T. 0.007 min

Lab File: BN019178.D

Acq: 26 Mar 2022 06:09

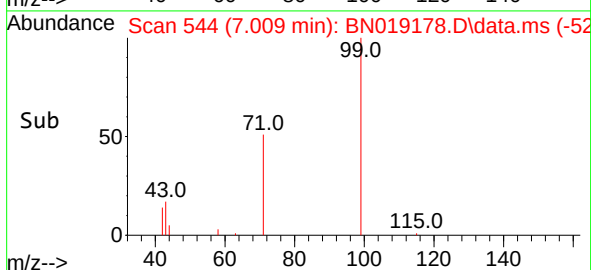
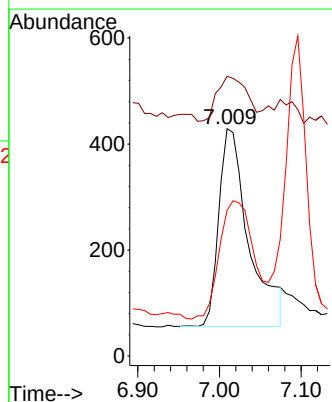
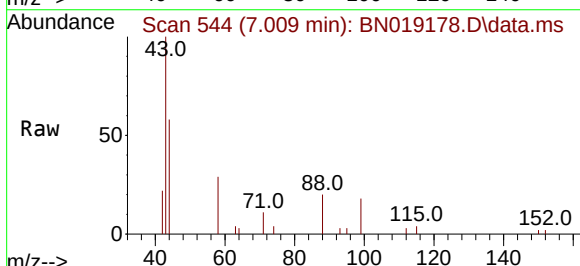
Tgt Ion: 99 Resp: 949

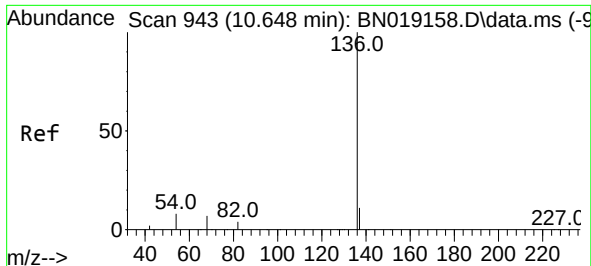
Ion Ratio Lower Upper

99 100

42 23.1 16.2 24.4

71 69.2 27.7 41.5#

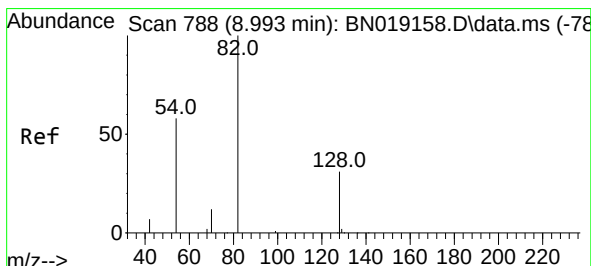
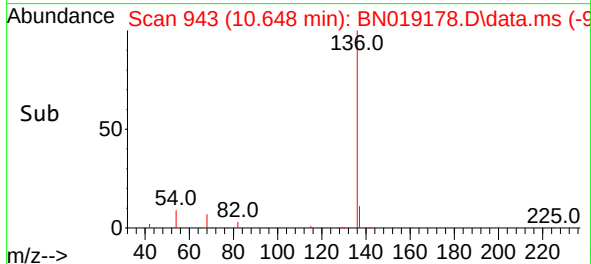
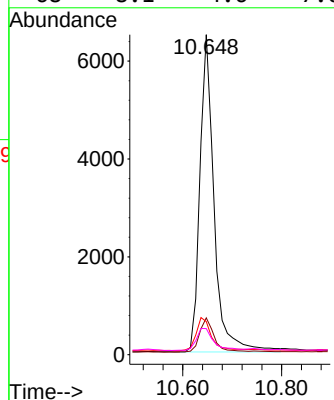
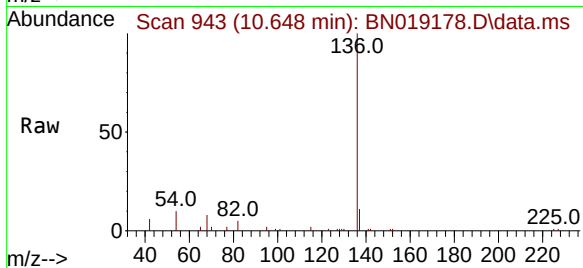




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

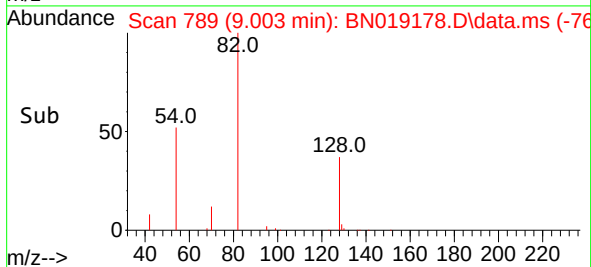
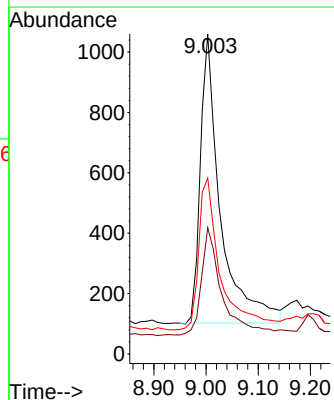
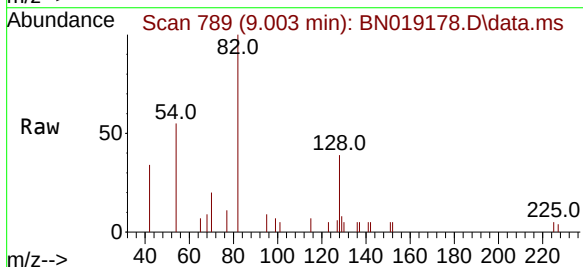
Instrument :
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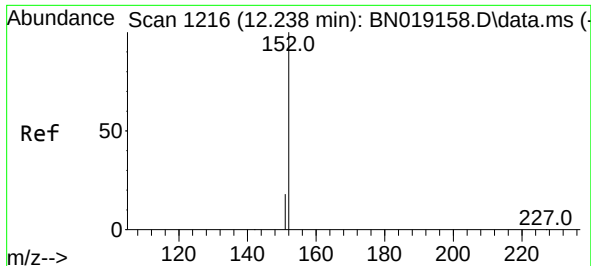
Tgt Ion:	136	Resp:	12953
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	10.4	5.8	8.6#
68	8.1	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.011 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

Tgt Ion:	82	Resp:	2564
Ion Ratio	Lower	Upper	
82	100		
128	39.4	33.0	49.6
54	55.0	42.5	63.7

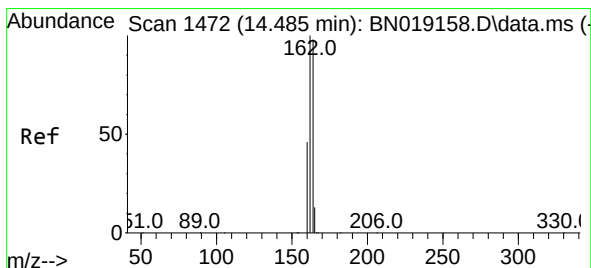
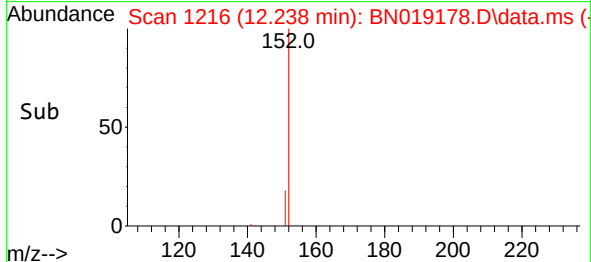
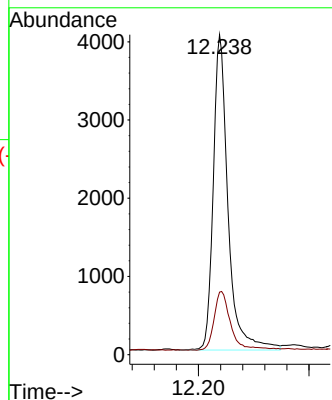
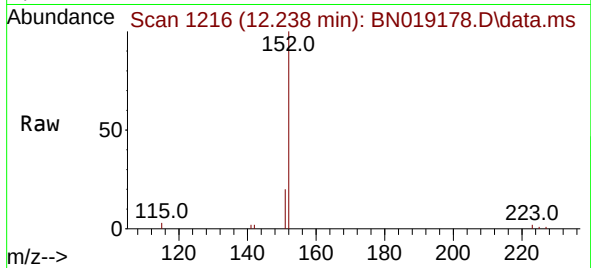




#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

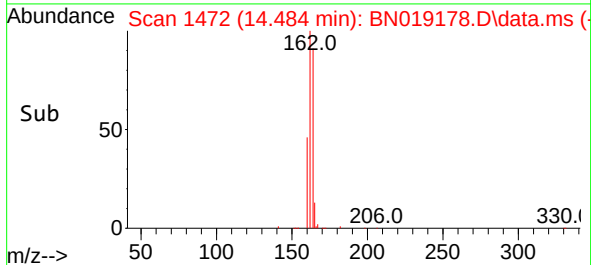
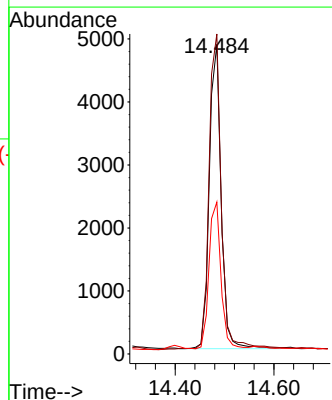
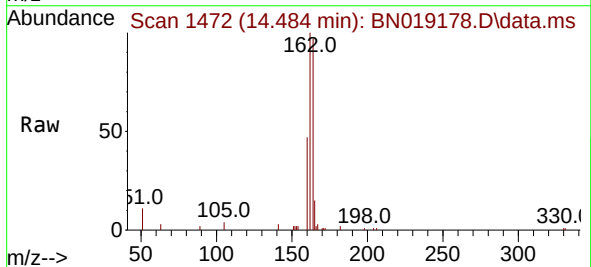
Instrument :
BNA_N
ClientSampleId :
MW-63

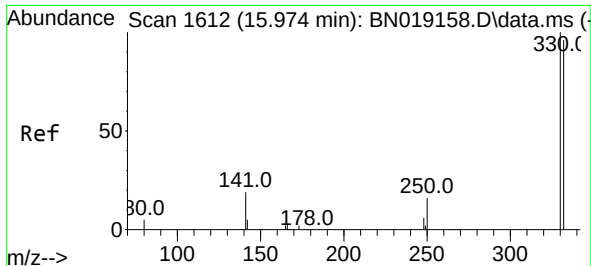
Tgt Ion:152 Resp: 7469
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

Tgt Ion:164 Resp: 8026
Ion Ratio Lower Upper
164 100
162 103.4 85.2 127.8
160 49.1 41.5 62.3

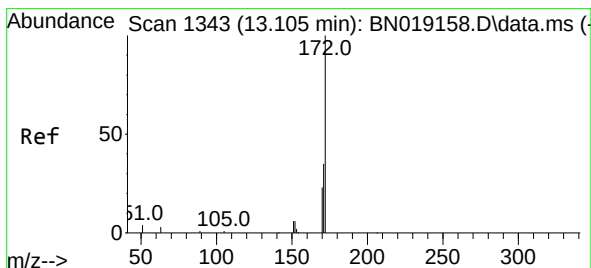
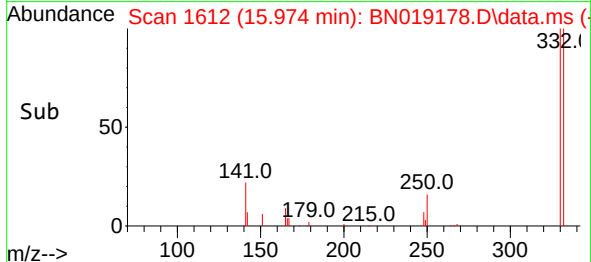
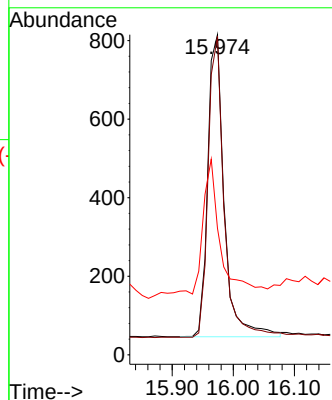
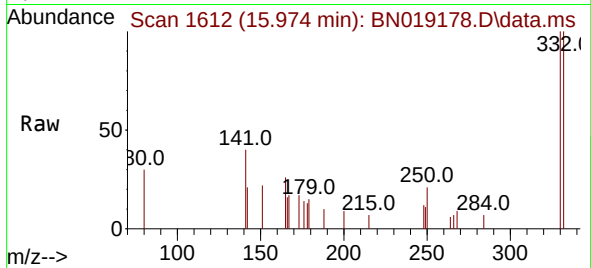




#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

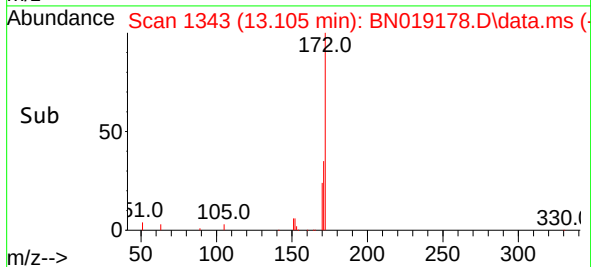
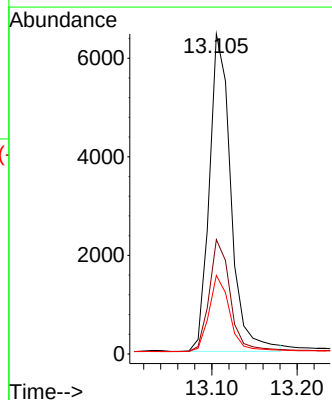
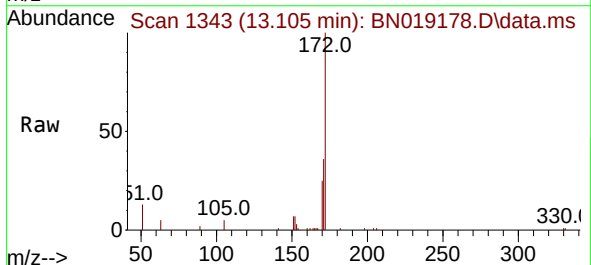
Instrument :
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ClientSampleId :
MW-63

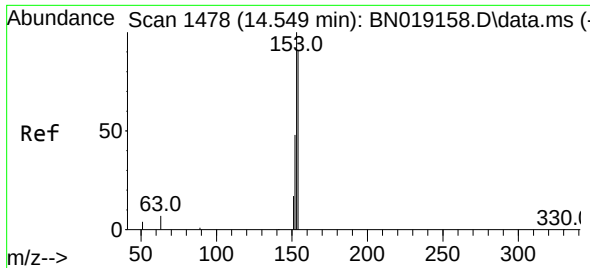
Tgt Ion: 330 Resp: 1438
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 45.2 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

Tgt Ion: 172 Resp: 11303
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 24.6 18.7 28.1

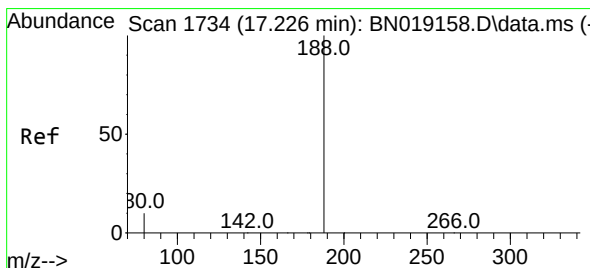
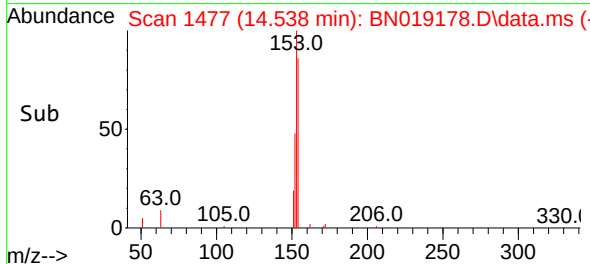
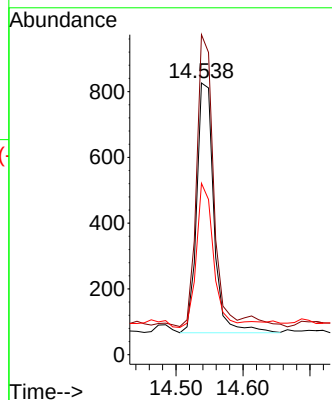
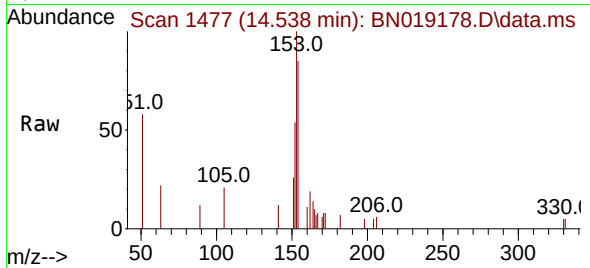




#17
Acenaphthene
Concen: 0.052 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

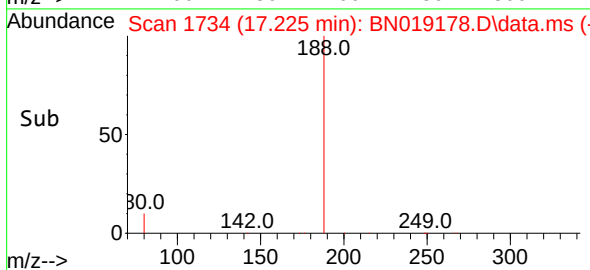
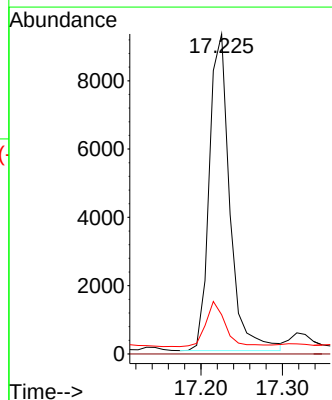
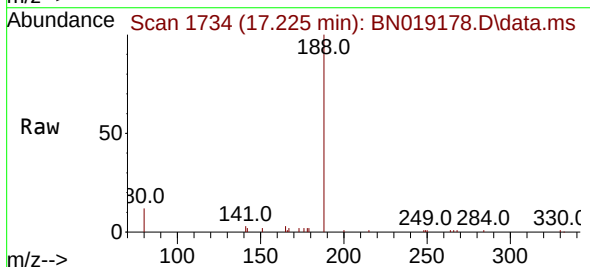
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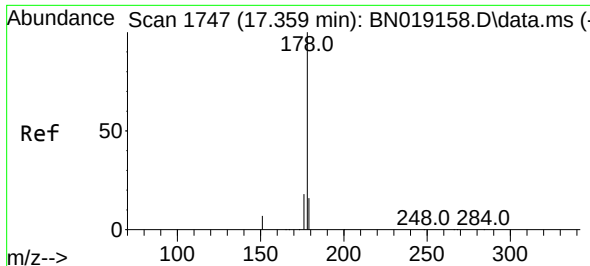
Tgt Ion:154 Resp: 1355
Ion Ratio Lower Upper
154 100
153 112.6 89.7 134.5
152 57.8 44.7 67.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

Tgt Ion:188 Resp: 16207
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 11.8 17.8

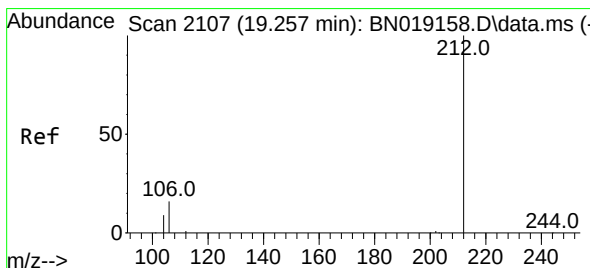
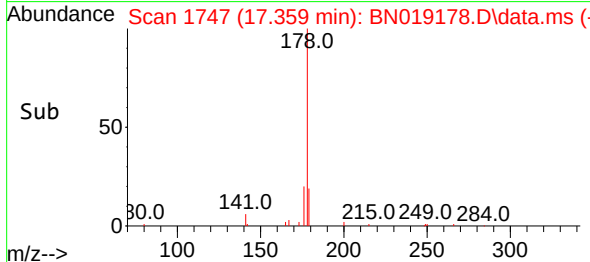
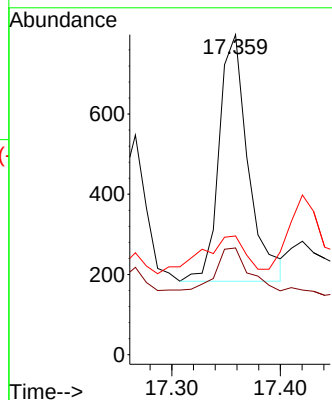
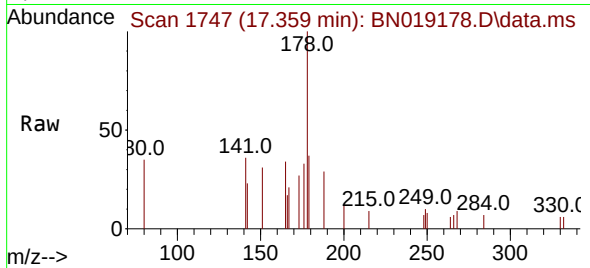




#26
 Anthracene
 Concen: 0.027 ng
 RT: 17.359 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN019178.D
 Acq: 26 Mar 2022 06:09

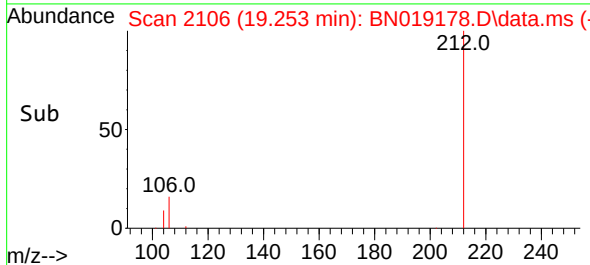
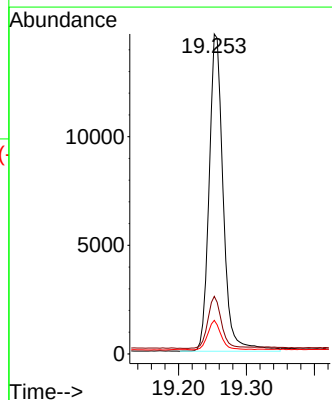
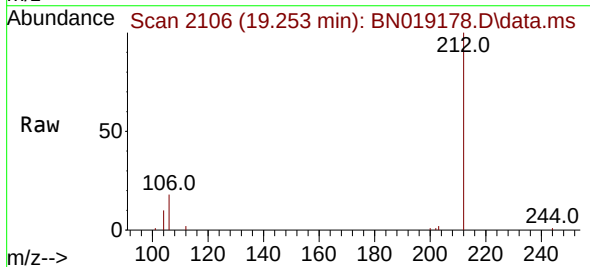
Instrument :
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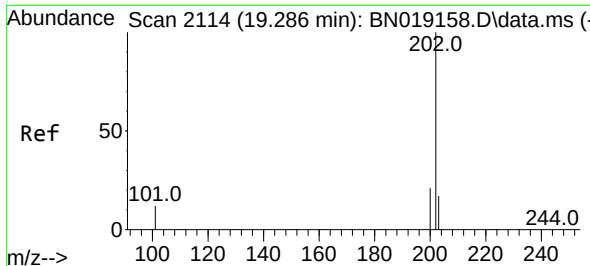
Tgt Ion:178 Resp: 1151
 Ion Ratio Lower Upper
 178 100
 176 25.5 14.8 22.2#
 179 22.8 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.442 ng
 RT: 19.253 min Scan# 2106
 Delta R.T. -0.004 min
 Lab File: BN019178.D
 Acq: 26 Mar 2022 06:09

Tgt Ion:212 Resp: 20968
 Ion Ratio Lower Upper
 212 100
 106 16.2 12.7 19.1
 104 8.8 7.1 10.7

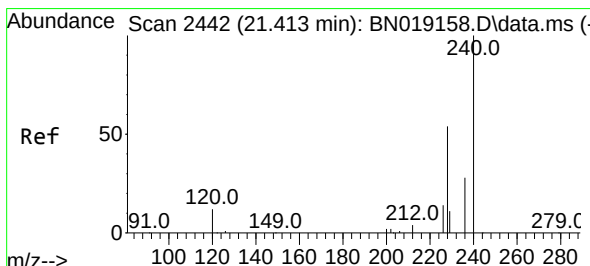
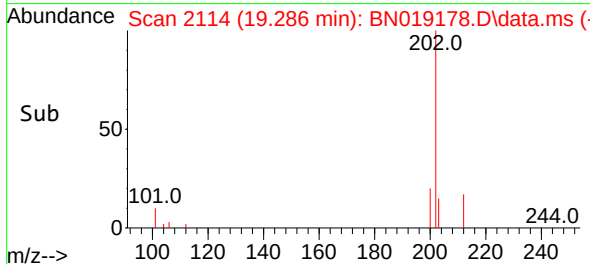
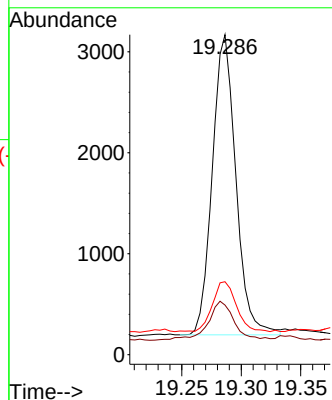
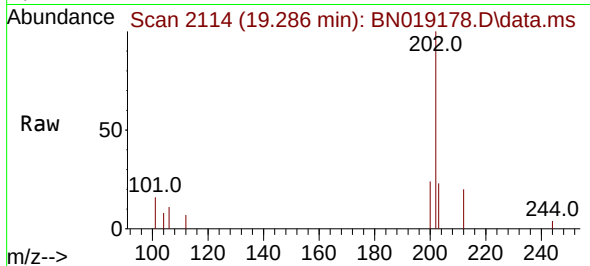




#28
Fluoranthene
Concen: 0.070 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

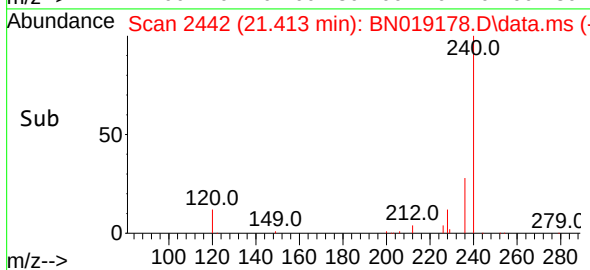
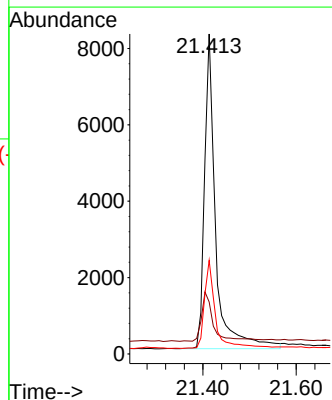
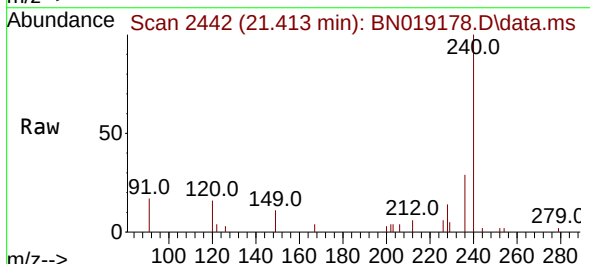
Instrument :
BNA_N
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MW-63

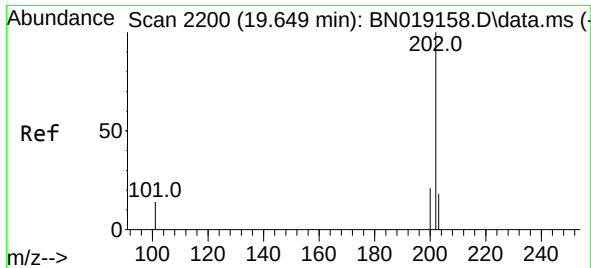
Tgt Ion:202 Resp: 4104
Ion Ratio Lower Upper
202 100
101 14.5 9.8 14.6
203 16.7 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

Tgt Ion:240 Resp: 13673
Ion Ratio Lower Upper
240 100
120 16.3 8.5 12.7#
236 29.2 22.4 33.6

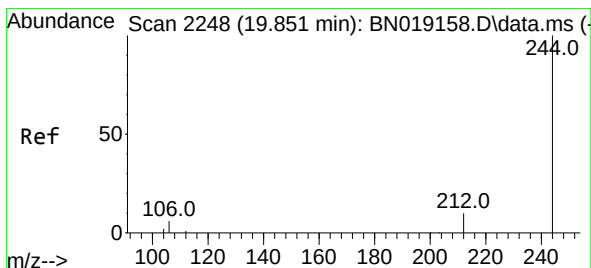
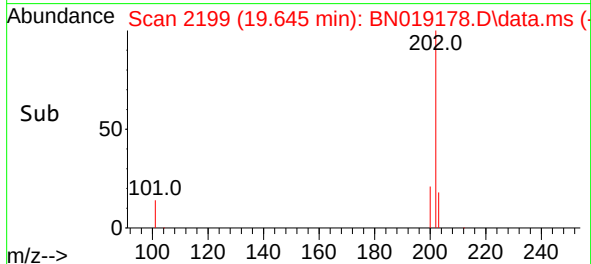
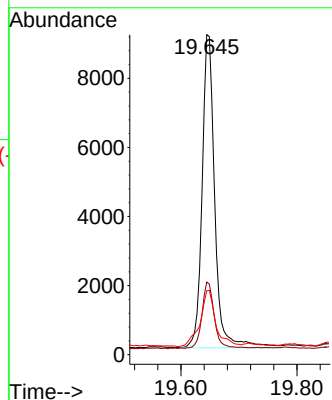
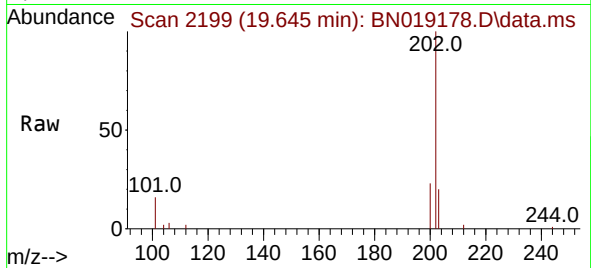




#30
Pyrene
Concen: 0.214 ng
RT: 19.645 min Scan# 2199
Delta R.T. -0.004 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

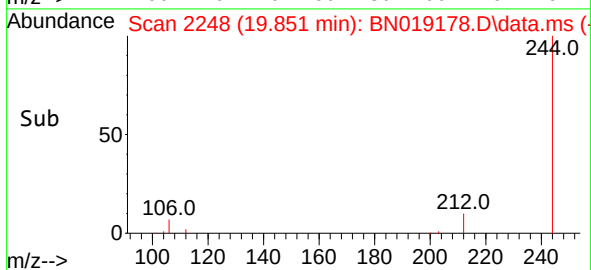
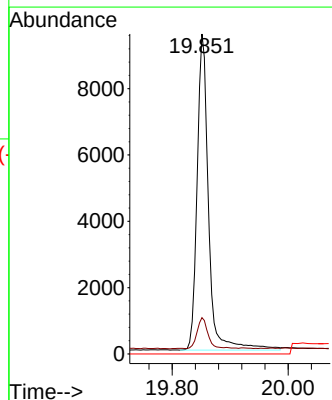
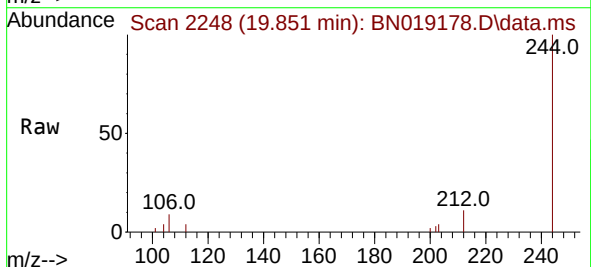
Instrument :
BNA_N
ClientSampleId :
MW-63

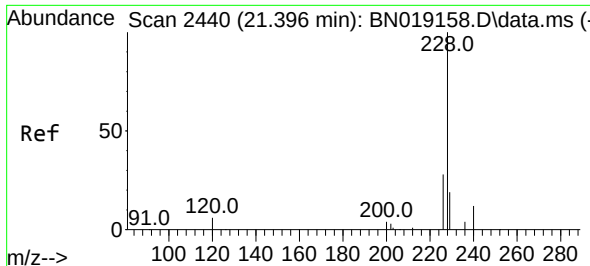
Tgt Ion:202 Resp: 13809
Ion Ratio Lower Upper
202 100
200 20.2 16.9 25.3
203 22.0 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.428 ng
RT: 19.851 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

Tgt Ion:244 Resp: 13050
Ion Ratio Lower Upper
244 100
212 11.3 8.2 12.4
122 0.0 0.0 0.0

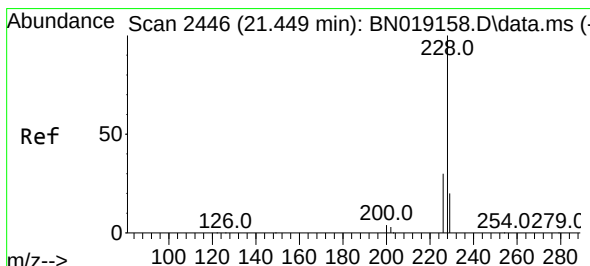
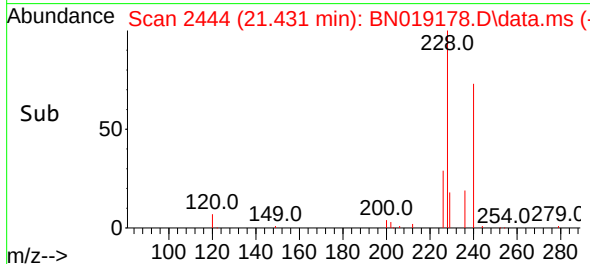
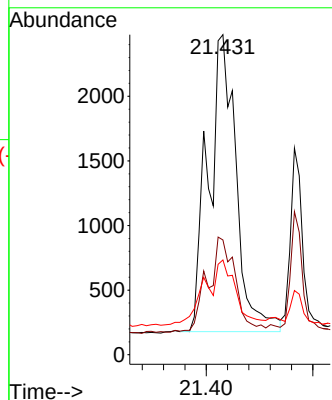
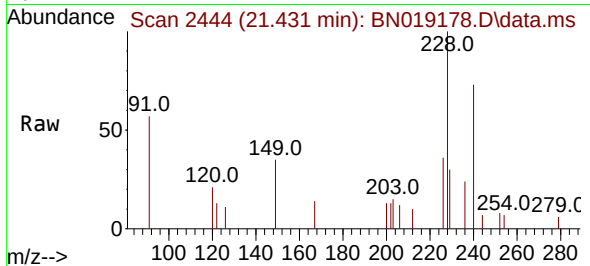




#32
Benzo(a)anthracene
Concen: 0.189 ng
RT: 21.431 min Scan# 2444
Delta R.T. 0.036 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

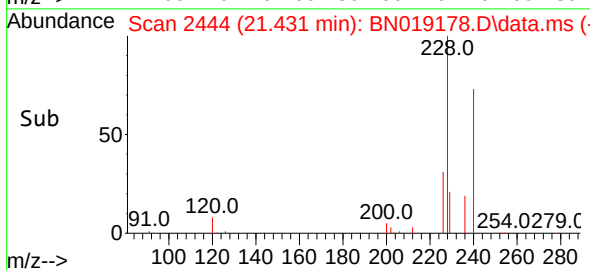
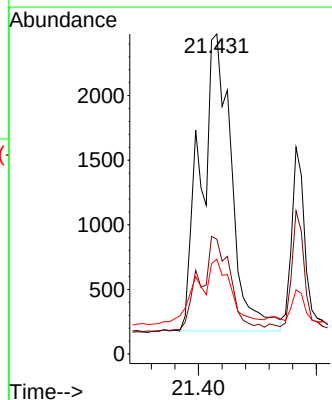
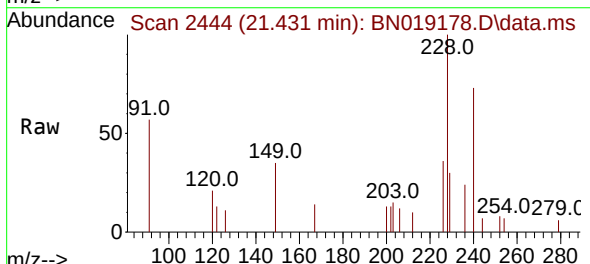
Instrument :
BNA_N
ClientSampleId :
MW-63

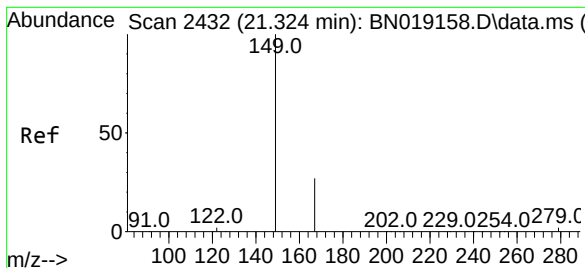
Tgt Ion:228 Resp: 8306
Ion Ratio Lower Upper
228 100
226 35.8 21.9 32.9#
229 29.6 16.0 24.0#



#33
Chrysene
Concen: 0.147 ng
RT: 21.431 min Scan# 2444
Delta R.T. -0.018 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

Tgt Ion:228 Resp: 8303
Ion Ratio Lower Upper
228 100
226 35.8 24.0 36.0
229 29.6 15.9 23.9#

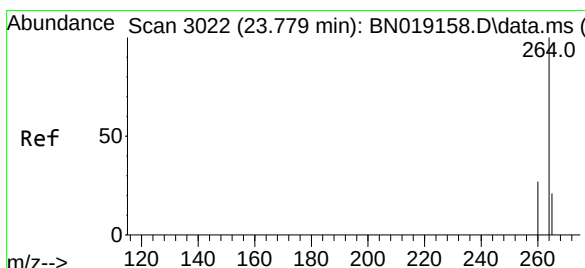
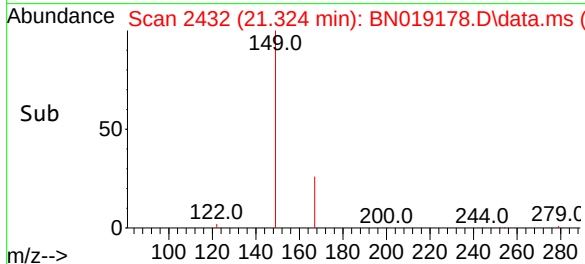
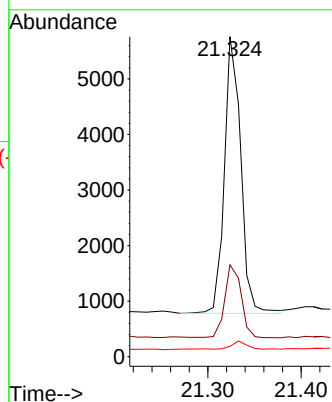
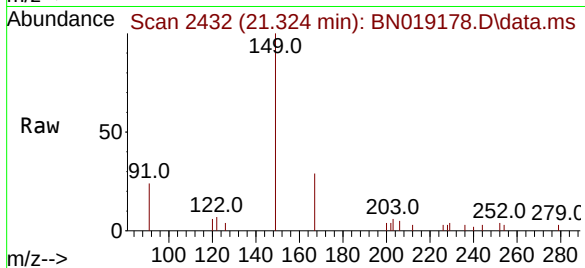




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.226 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN019178.D
 Acq: 26 Mar 2022 06:09

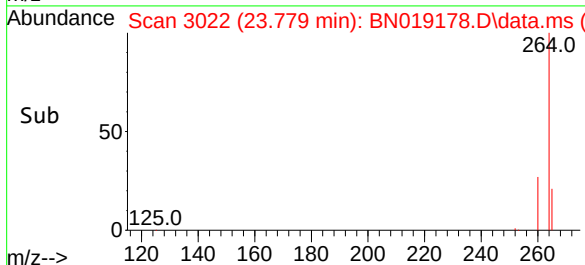
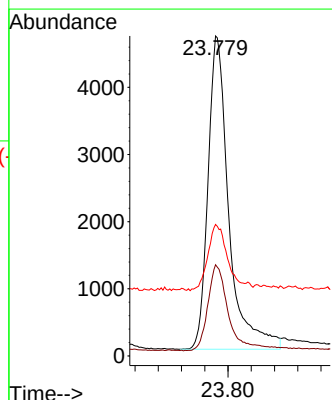
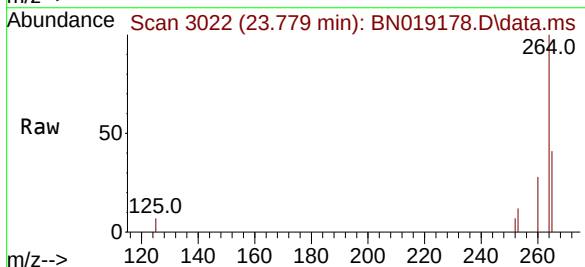
Instrument :
 BNA_N
 ClientSampleId :
 MW-63

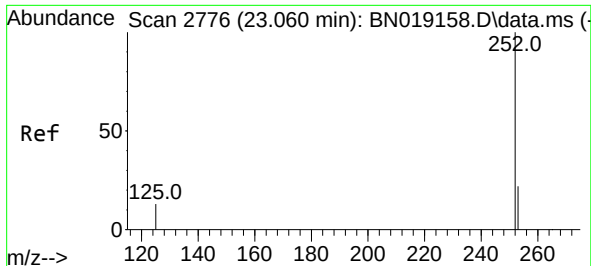
Tgt Ion:149 Resp: 6039
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.8 32.8
 279 3.8 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.779 min Scan# 3022
 Delta R.T. -0.000 min
 Lab File: BN019178.D
 Acq: 26 Mar 2022 06:09

Tgt Ion:264 Resp: 11604
 Ion Ratio Lower Upper
 264 100
 260 28.5 22.4 33.6
 265 41.1 25.3 37.9#

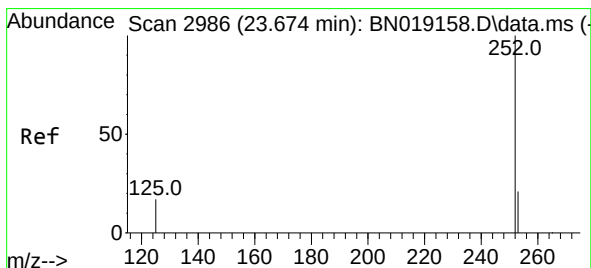
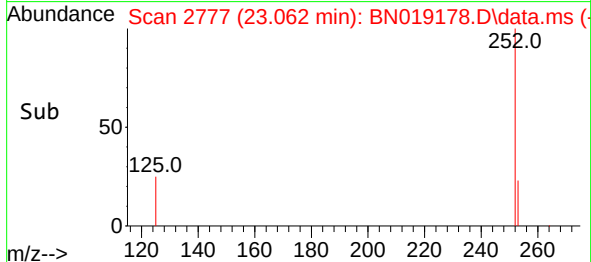
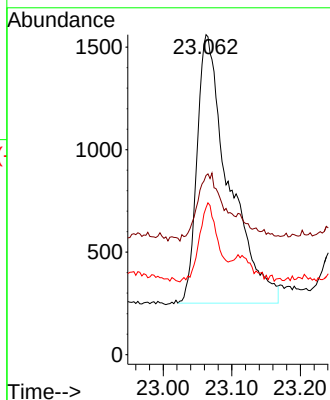
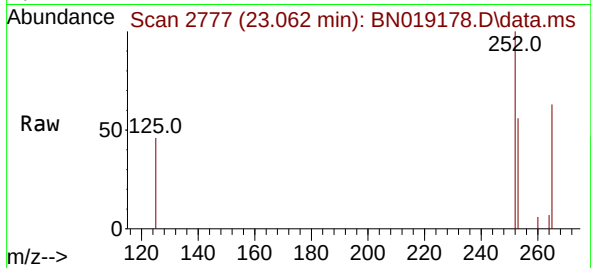




#37
Benzo(b)fluoranthene
Concen: 0.096 ng
RT: 23.062 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

Instrument :
BNA_N
ClientSampleId :
MW-63

Tgt Ion:252 Resp: 4226
Ion Ratio Lower Upper
252 100
253 56.0 18.9 28.3#
125 45.9 12.1 18.1#



#39
Benzo(a)pyrene
Concen: 0.037 ng
RT: 23.679 min Scan# 2988
Delta R.T. 0.006 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

Tgt Ion:252 Resp: 1402
Ion Ratio Lower Upper
252 100
253 81.5 20.1 30.1#
125 77.8 15.2 22.8#

