

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019189.D
 Acq On : 26 Mar 2022 12:44
 Operator : CG/JU
 Sample : N2090-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-47

Quant Time: Mar 28 09:11:58 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)

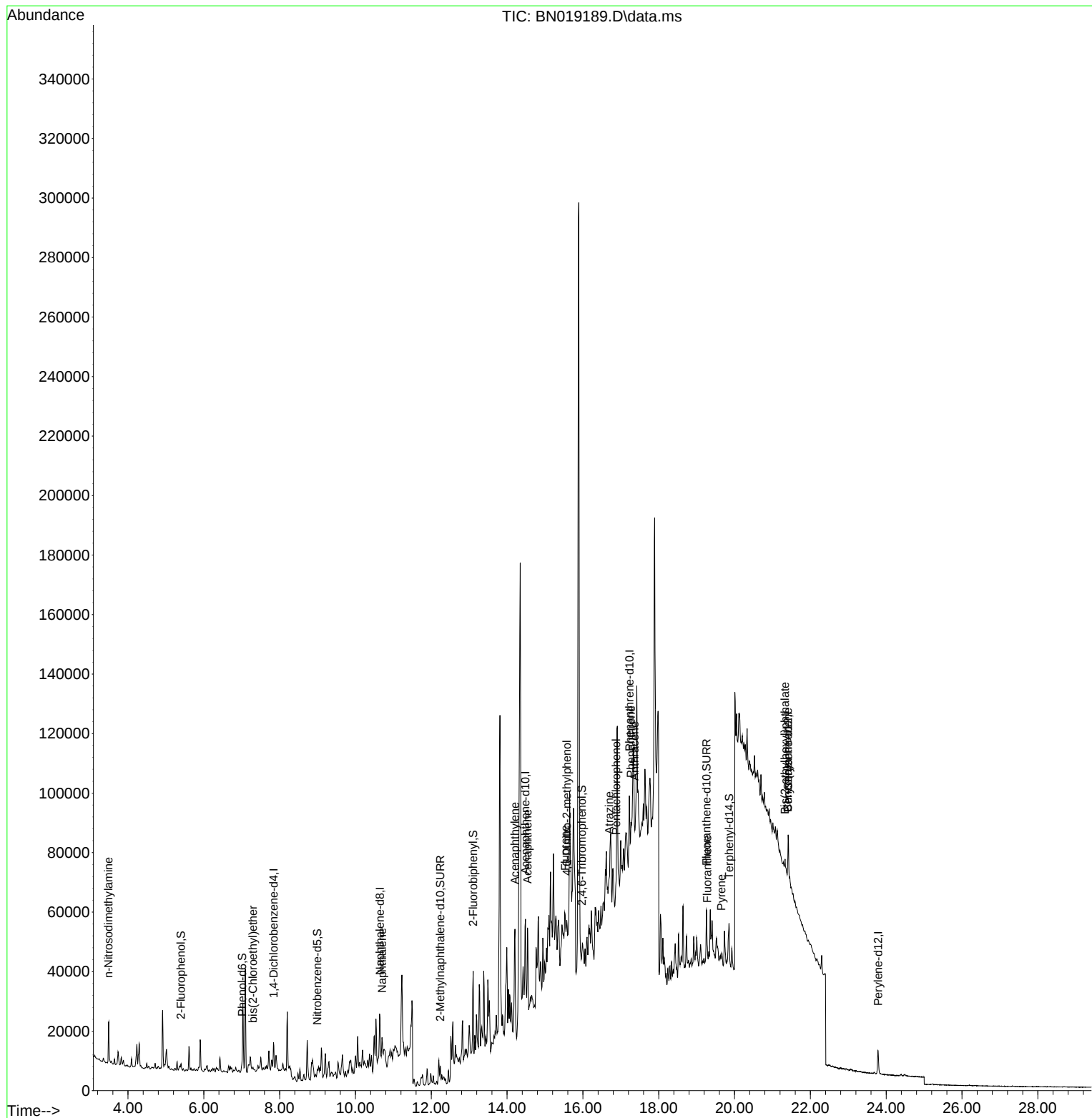
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4317	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12917	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	13574	0.400	ng	# 0.00
19) Phenanthrene-d10	17.226	188	16695	0.400	ng	# 0.00
29) Chrysene-d12	21.413	240	12918	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	11572	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1585	0.155	ng	0.00
5) Phenol-d6	7.009	99	1169	0.100	ng	0.00
8) Nitrobenzene-d5	8.993	82	3161	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	12.235	152	8486	0.410	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1990	0.302	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	14649	0.257	ng	0.00
27) Fluoranthene-d10	19.257	212	23636	0.484	ng	0.00
31) Terphenyl-d14	19.856	244	11129	0.386	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.485	42	1453	0.226	ng	# 1
6) bis(2-Chloroethyl)ether	7.298	93	496	0.039	ng	# 38
9) Naphthalene	10.701	128	2739	0.075	ng	# 1
16) Acenaphthylene	14.207	152	4594	0.074	ng	# 1
17) Acenaphthene	14.538	154	13451	0.306	ng	87
18) Fluorene	15.532	166	4542	0.081	ng	# 80
20) 4,6-Dinitro-2-methylph...	15.575	198	153	0.056	ng	# 1
23) Atrazine	16.692	200	1078	0.143	ng	# 1
24) Pentachlorophenol	16.877	266	98	0.021	ng	# 75
25) Phenanthrene	17.267	178	2292	0.043	ng	# 25
26) Anthracene	17.359	178	4698	0.106	ng	# 1
28) Fluoranthene	19.282	202	3737	0.062	ng	# 82
30) Pyrene	19.653	202	4338	0.071	ng	# 57
32) Benzo(a)anthracene	21.404	228	2203	0.053	ng	# 1
33) Chrysene	21.404	228	2042	0.038	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.333	149	3556	0.141	ng	# 31

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

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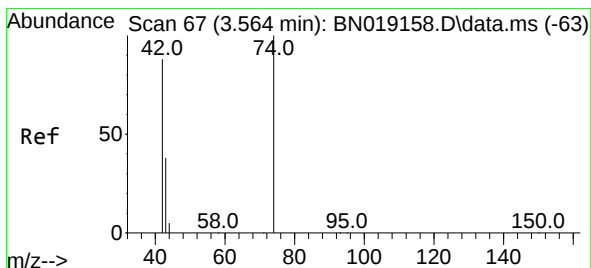
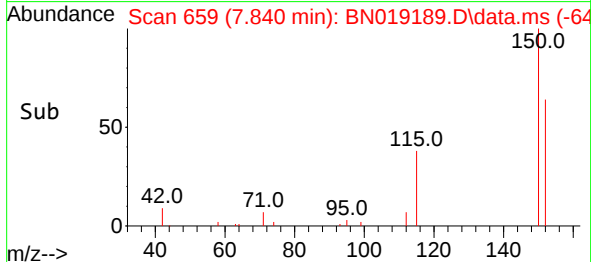
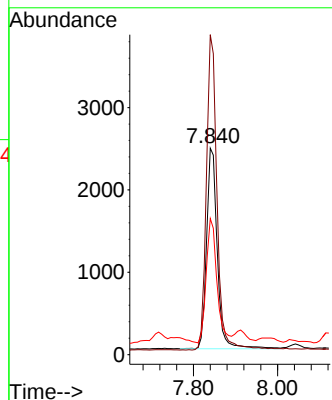
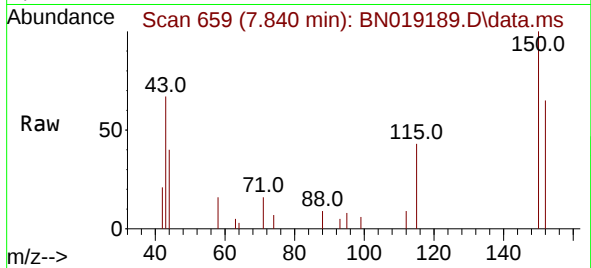




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

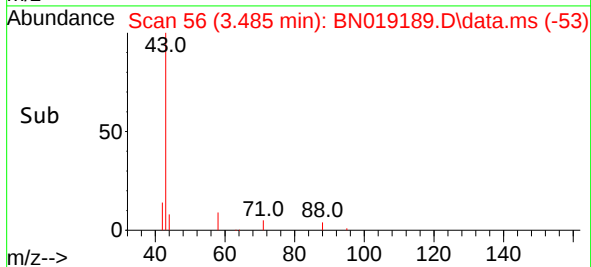
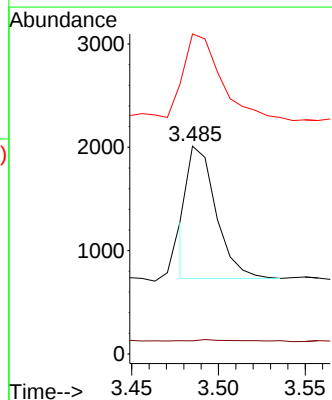
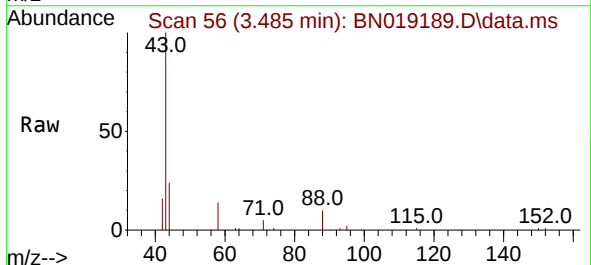
Instrument :
BNA_N
ClientSampleId :
MW-47

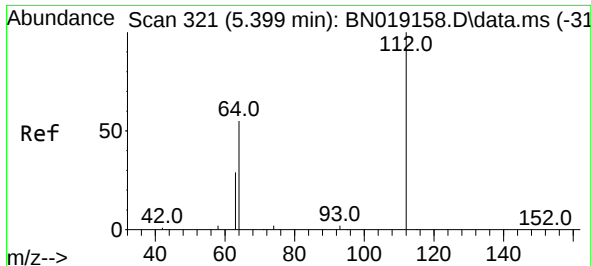
Tgt Ion:152 Resp: 4317
Ion Ratio Lower Upper
152 100
150 155.0 123.9 185.9
115 65.9 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.226 ng
RT: 3.485 min Scan# 56
Delta R.T. -0.079 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

Tgt Ion: 42 Resp: 1453
Ion Ratio Lower Upper
42 100
74 2.3 96.9 145.3#
44 78.3 7.3 10.9#

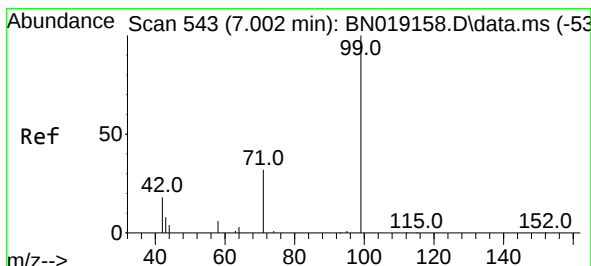
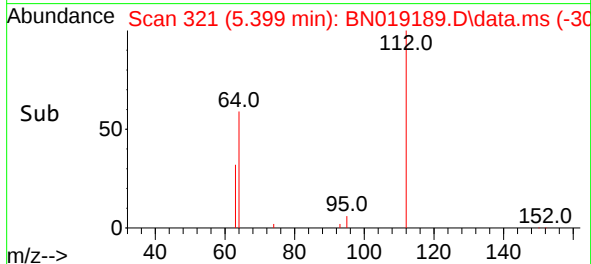
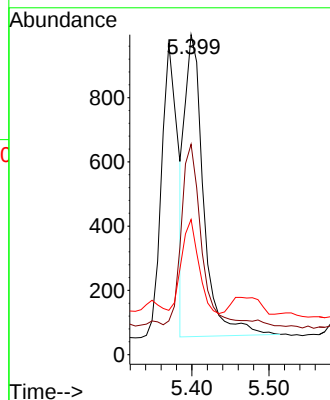
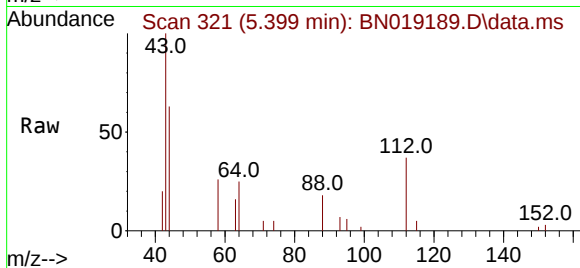




#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

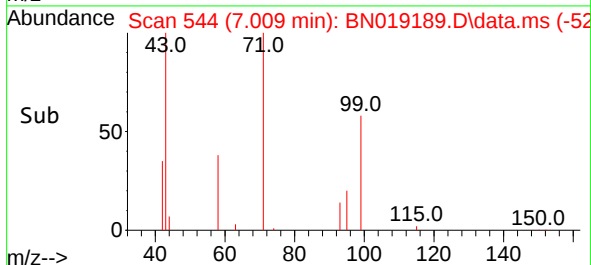
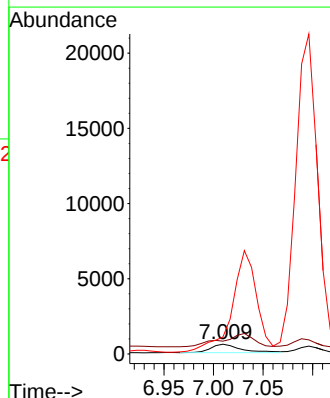
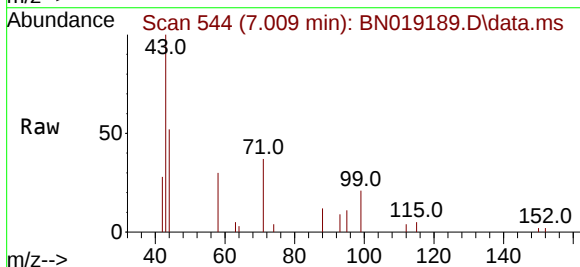
Instrument :
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ClientSampleId :
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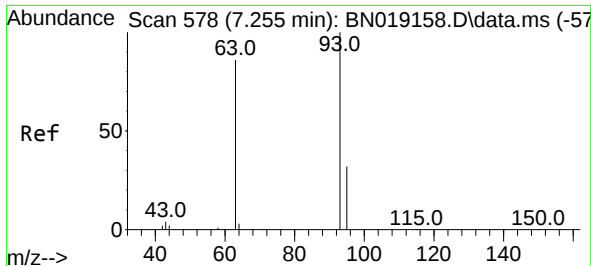
Tgt Ion:112 Resp: 1585
Ion Ratio Lower Upper
112 100
64 65.6 47.8 71.8
63 28.7 25.7 38.5



#5
Phenol-d6
Concen: 0.100 ng
RT: 7.009 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

Tgt Ion: 99 Resp: 1169
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 0.0 27.7 41.5#

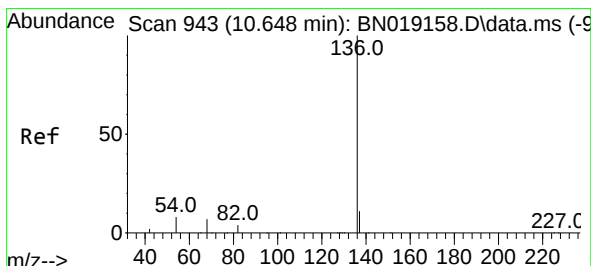
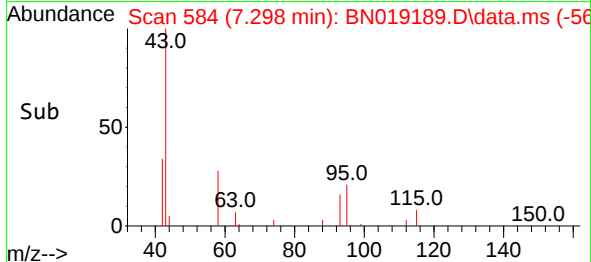
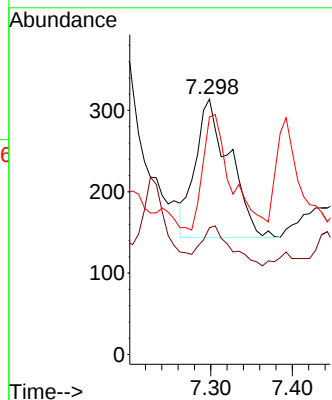
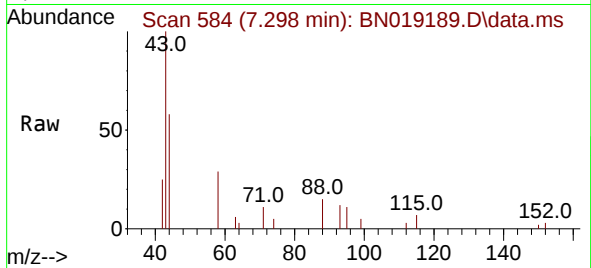




#6
 bis(2-Chloroethyl)ether
 Concen: 0.039 ng
 RT: 7.298 min Scan# 584
 Delta R.T. 0.043 min
 Lab File: BN019189.D
 Acq: 26 Mar 2022 12:44

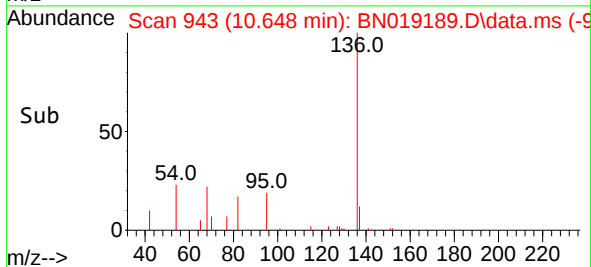
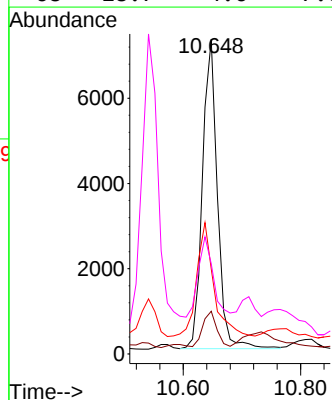
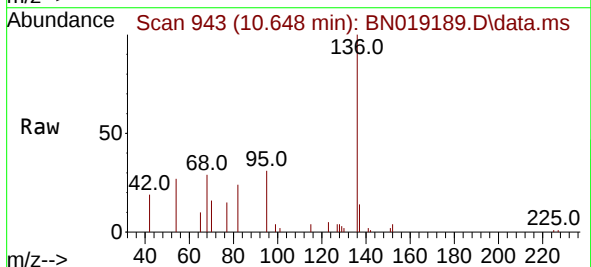
Instrument :
 BNA_N
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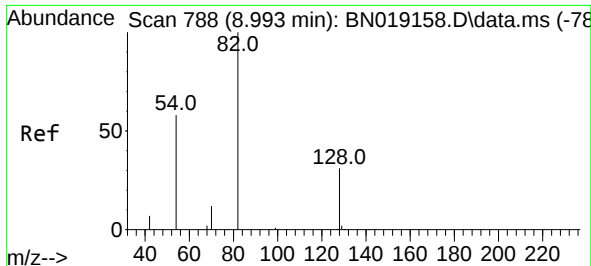
Tgt Ion: 93 Resp: 496
 Ion Ratio Lower Upper
 93 100
 63 24.0 62.8 94.2#
 95 67.1 26.2 39.4#



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.648 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: BN019189.D
 Acq: 26 Mar 2022 12:44

Tgt Ion: 136 Resp: 12917
 Ion Ratio Lower Upper
 136 100
 137 13.6 9.0 13.4#
 54 27.0 5.8 8.6#
 68 28.7 4.6 7.0#

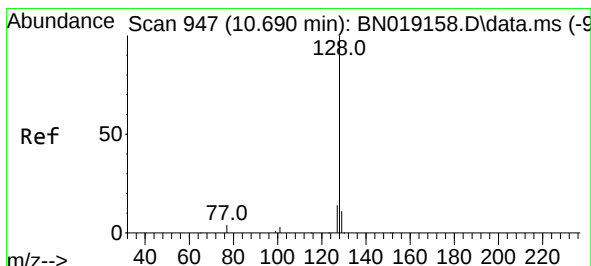
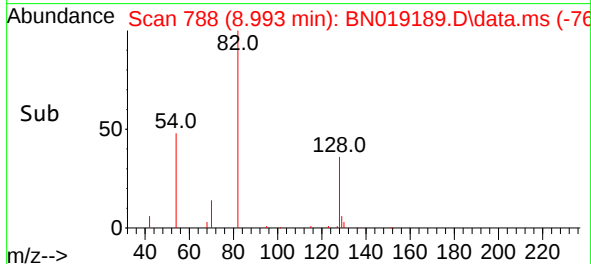
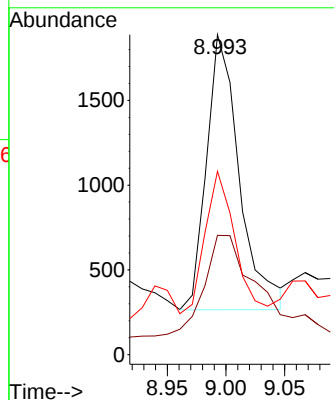
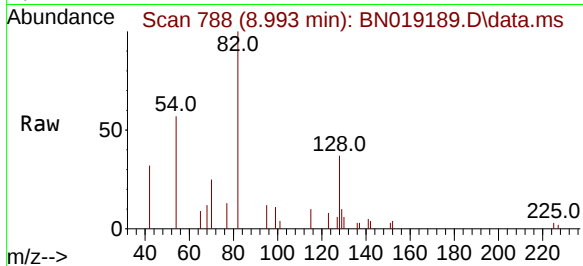




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

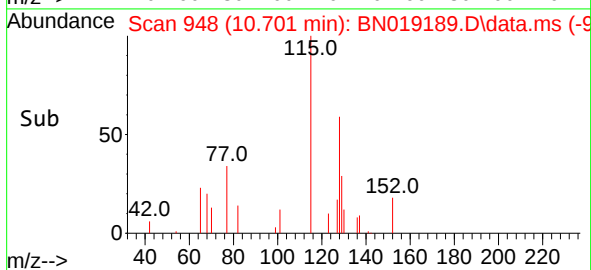
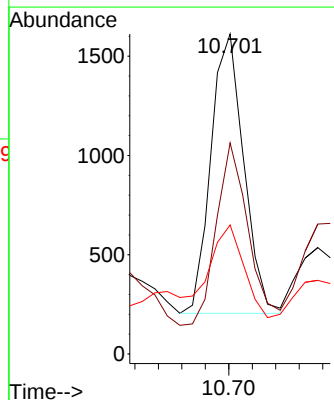
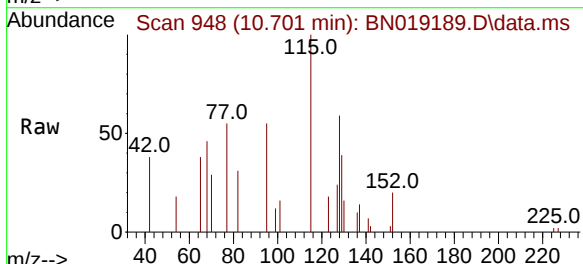
Instrument :
BNA_N
ClientSampleId :
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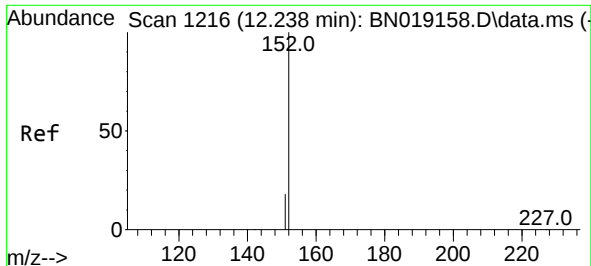
Tgt Ion:	82	Resp:	3161
Ion	Ratio	Lower	Upper
82	100		
128	37.3	33.0	49.6
54	57.3	42.5	63.7



#9
Naphthalene
Concen: 0.075 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

Tgt Ion:	128	Resp:	2739
Ion	Ratio	Lower	Upper
128	100		
129	65.9	9.0	13.4#
127	40.3	10.7	16.1#

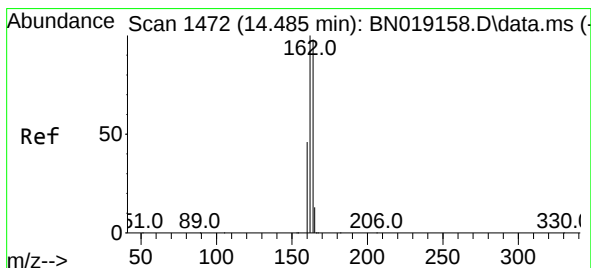
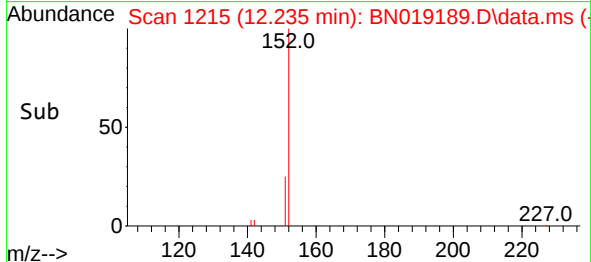
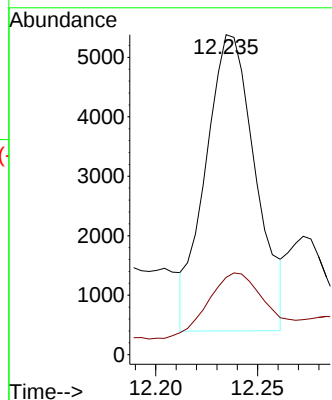
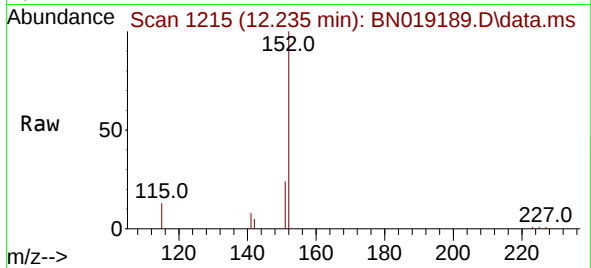




#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 12.235 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

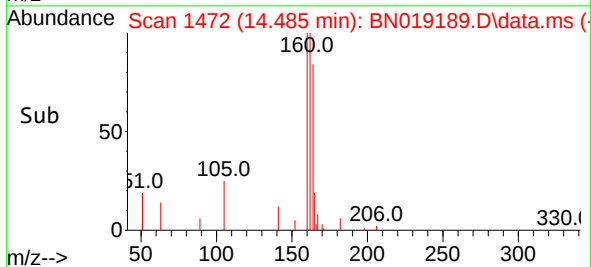
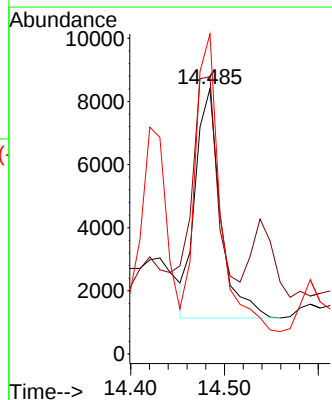
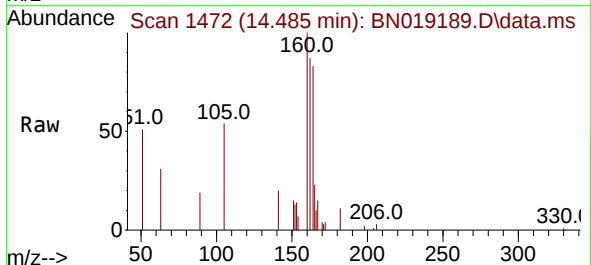
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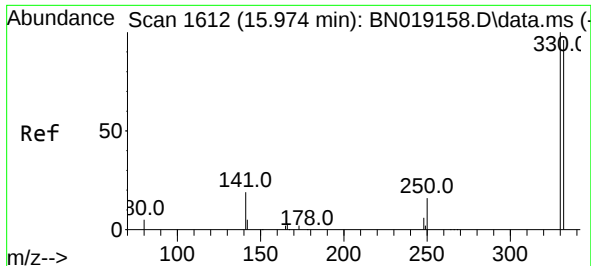
Tgt Ion:152 Resp: 8486
Ion Ratio Lower Upper
152 100
151 26.5 16.5 24.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

Tgt Ion:164 Resp: 13574
Ion Ratio Lower Upper
164 100
162 104.5 85.2 127.8
160 120.6 41.5 62.3#

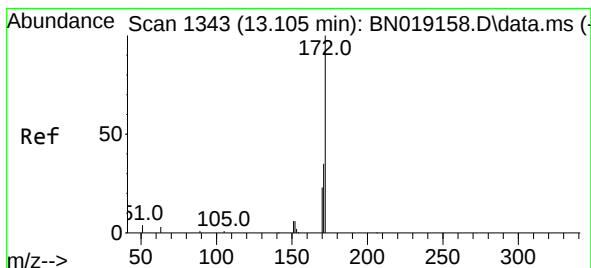
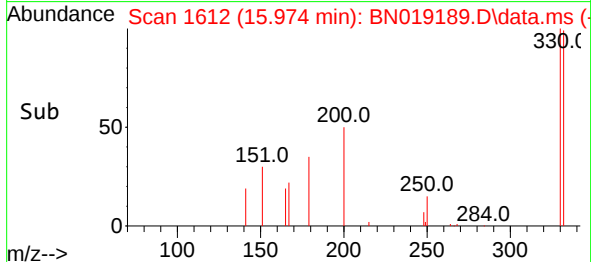
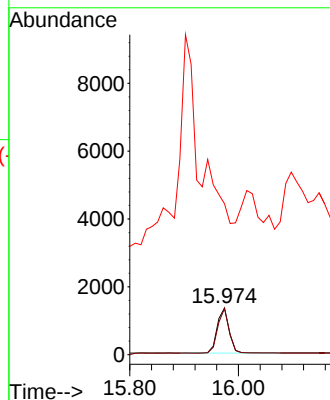
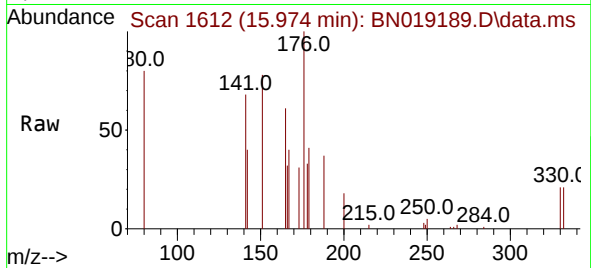




#14
 2,4,6-Tribromophenol
 Concen: 0.302 ng
 RT: 15.974 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BN019189.D
 Acq: 26 Mar 2022 12:44

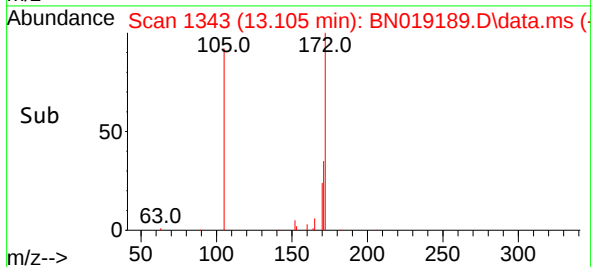
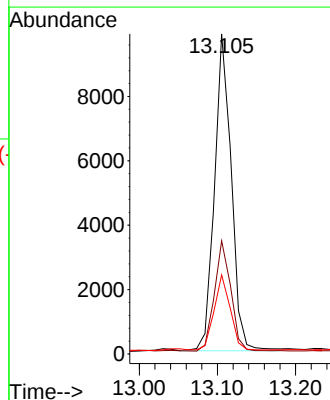
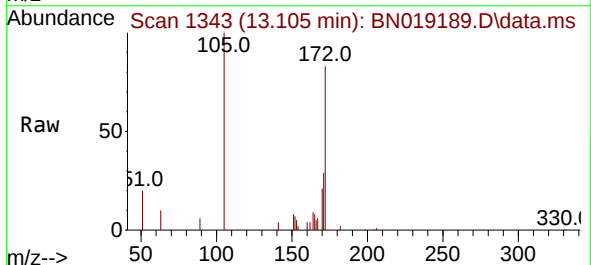
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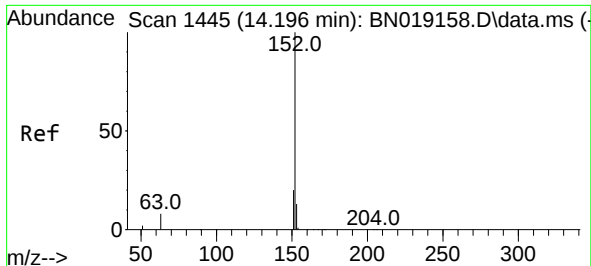
Tgt Ion:330 Resp: 1990
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.8 115.2
 141 0.0 32.2 48.2#



#15
 2-Fluorobiphenyl
 Concen: 0.257 ng
 RT: 13.105 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: BN019189.D
 Acq: 26 Mar 2022 12:44

Tgt Ion:172 Resp: 14649
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.2
 170 24.7 18.7 28.1

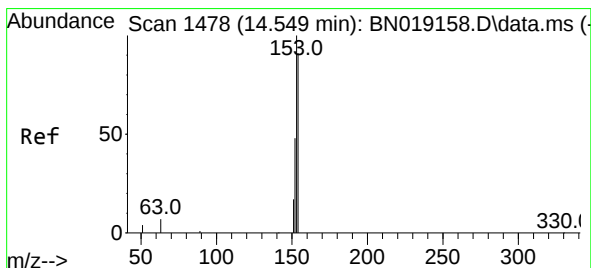
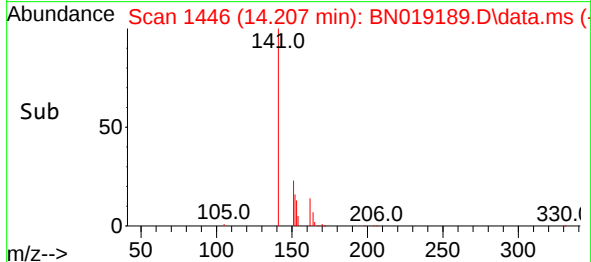
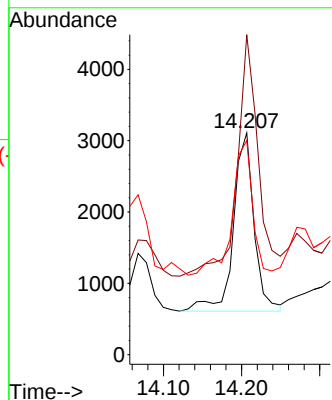
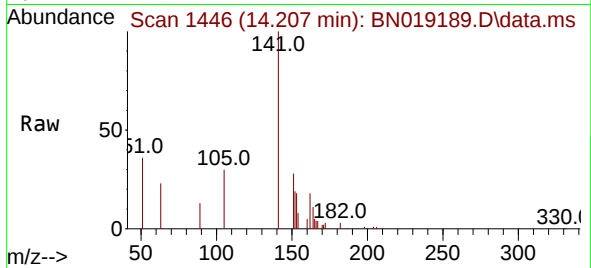




#16
Acenaphthylene
Concen: 0.074 ng
RT: 14.207 min Scan# 1445
Delta R.T. 0.011 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

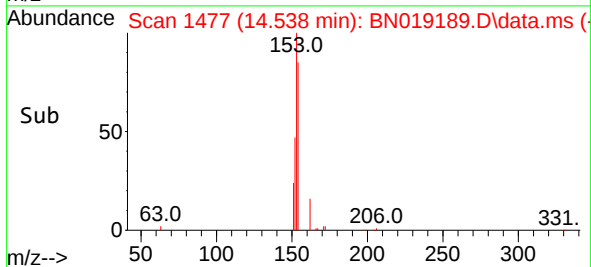
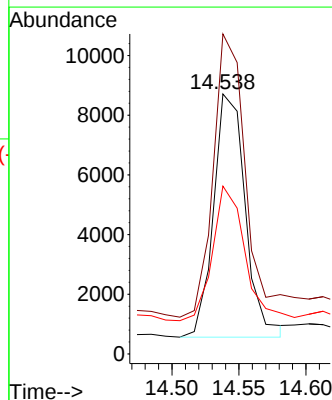
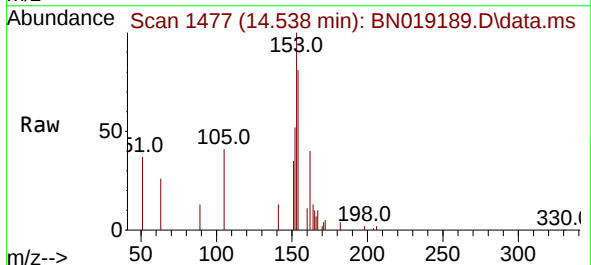
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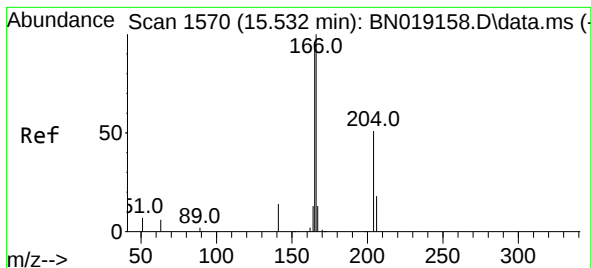
Tgt Ion:152 Resp: 4594
Ion Ratio Lower Upper
152 100
151 138.2 15.9 23.9#
153 75.6 10.6 15.8#



#17
Acenaphthene
Concen: 0.306 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

Tgt Ion:154 Resp: 13451
Ion Ratio Lower Upper
154 100
153 133.1 89.7 134.5
152 56.2 44.7 67.1





#18

Fluorene

Concen: 0.081 ng

RT: 15.532 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BN019189.D

Acq: 26 Mar 2022 12:44

Instrument :

BNA_N

ClientSampleId :

MW-47

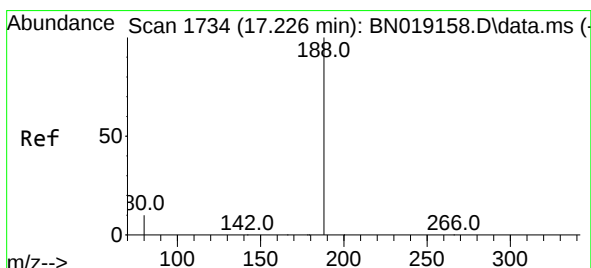
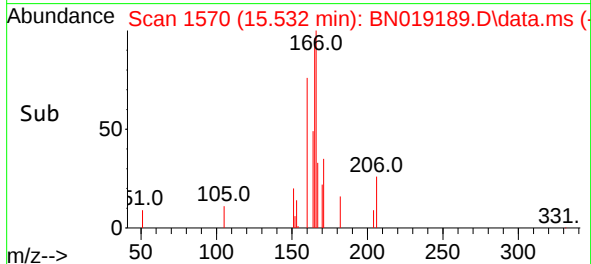
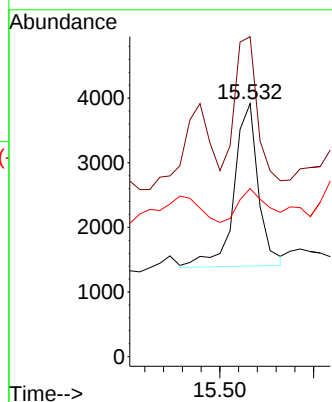
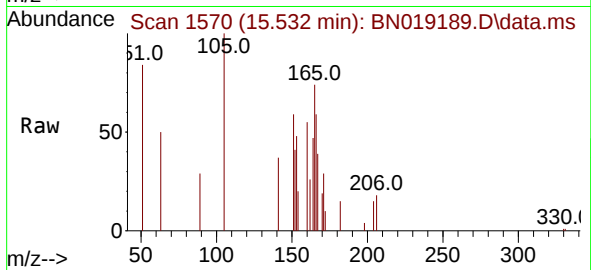
Tgt Ion:166 Resp: 4542

Ion Ratio Lower Upper

166 100

165 80.3 79.2 118.8

167 23.7 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.226 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BN019189.D

Acq: 26 Mar 2022 12:44

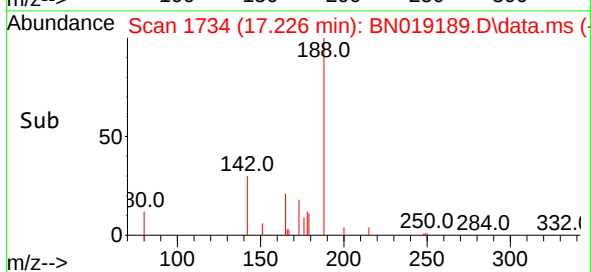
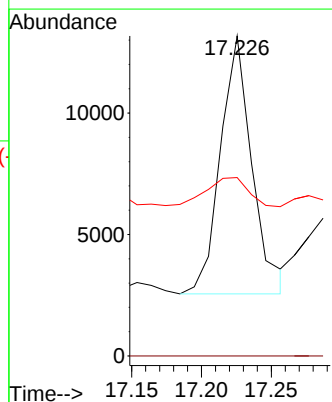
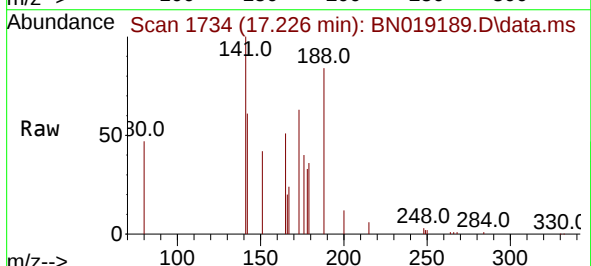
Tgt Ion:188 Resp: 16695

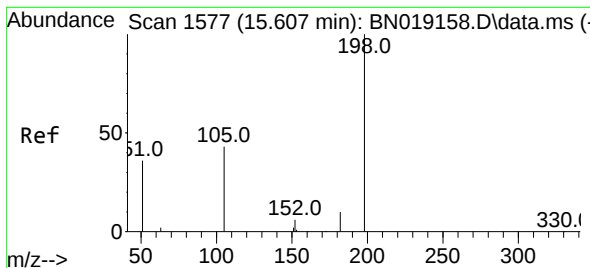
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 55.8 11.8 17.8#

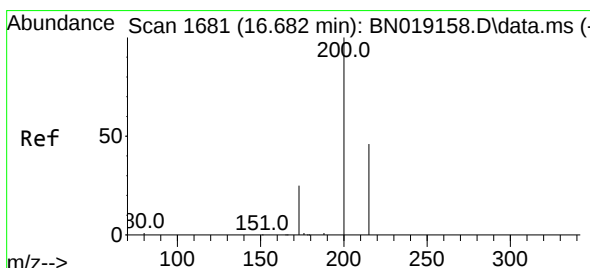
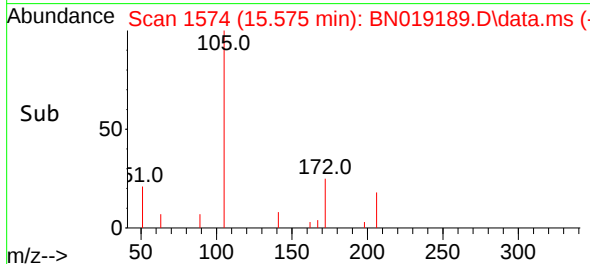
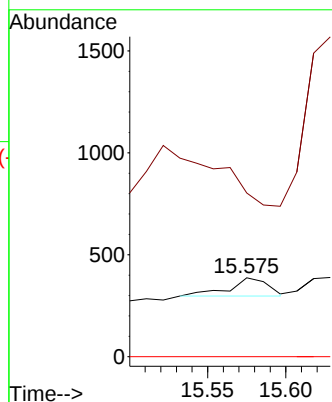
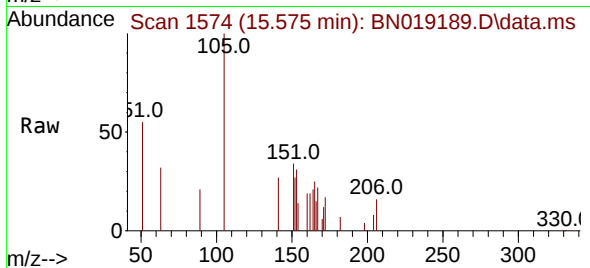




#20
4,6-Dinitro-2-methylphenol
Concen: 0.056 ng
RT: 15.575 min Scan# 1574
Delta R.T. -0.032 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

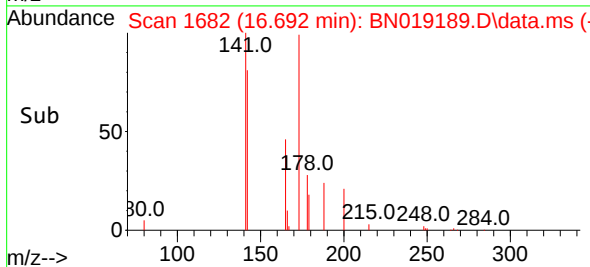
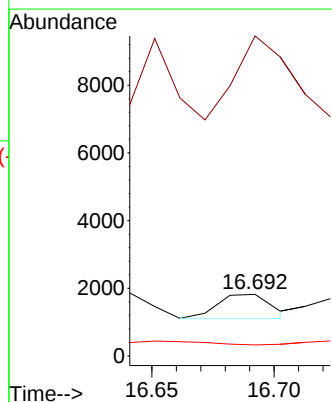
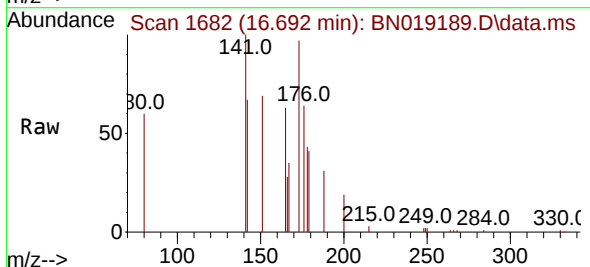
Instrument :
BNA_N
ClientSampleId :
MW-47

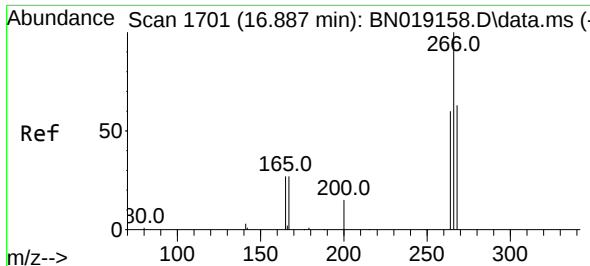
Tgt Ion:198 Resp: 153
Ion Ratio Lower Upper
198 100
182 207.5 13.0 19.4#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.143 ng
RT: 16.692 min Scan# 1682
Delta R.T. 0.010 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

Tgt Ion:200 Resp: 1078
Ion Ratio Lower Upper
200 100
173 519.3 23.9 35.9#
215 18.0 36.6 54.8#

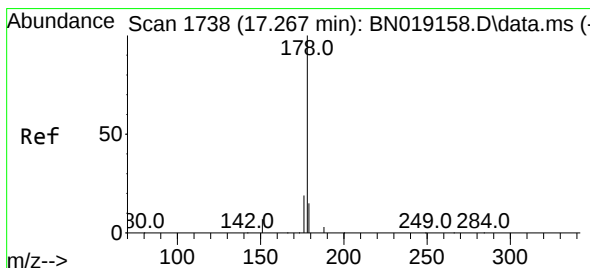
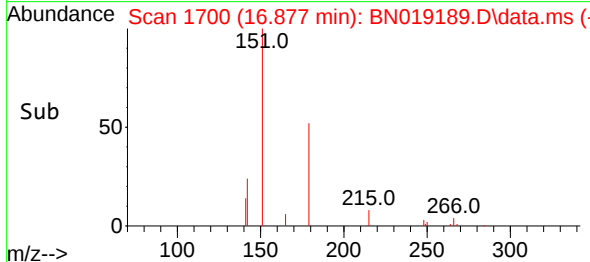
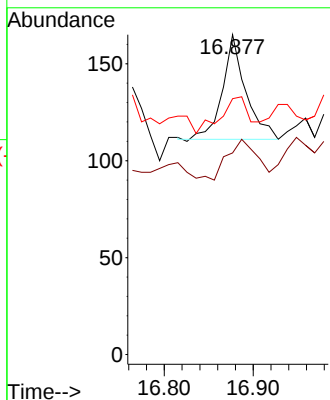
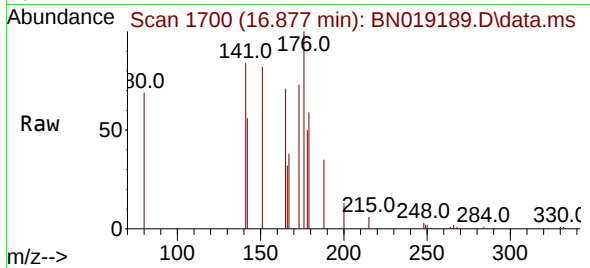




#24
Pentachlorophenol
Concen: 0.021 ng
RT: 16.877 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

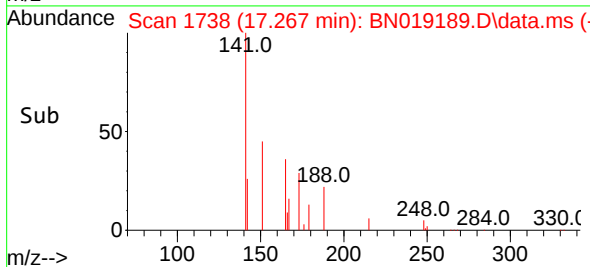
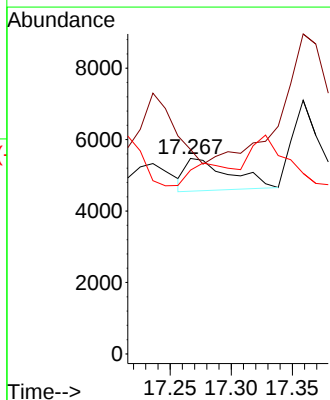
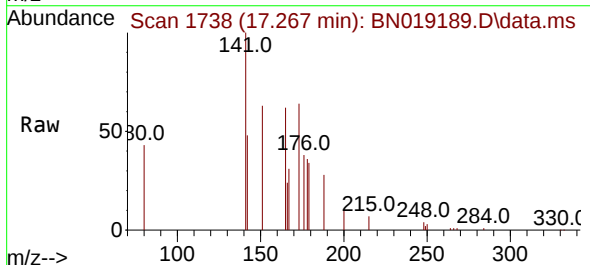
Instrument :
BNA_N
ClientSampleId :
MW-47

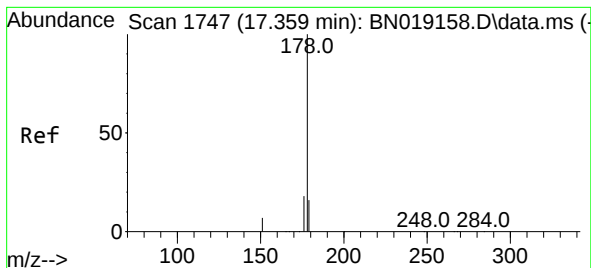
Tgt Ion:266 Resp: 98
Ion Ratio Lower Upper
266 100
264 44.9 50.2 75.4#
268 43.9 51.9 77.9#



#25
Phenanthrene
Concen: 0.043 ng
RT: 17.267 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

Tgt Ion:178 Resp: 2292
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.0#
179 64.1 12.2 18.2#





#26

Anthracene

Concen: 0.106 ng

RT: 17.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN019189.D

Acq: 26 Mar 2022 12:44

Instrument :

BNA_N

ClientSampleId :

MW-47

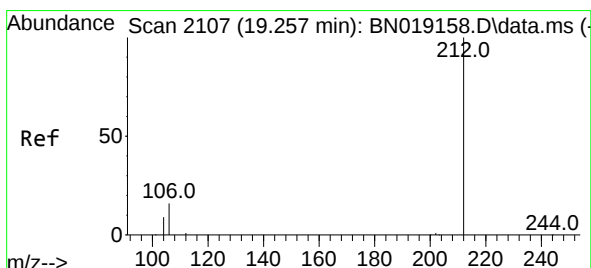
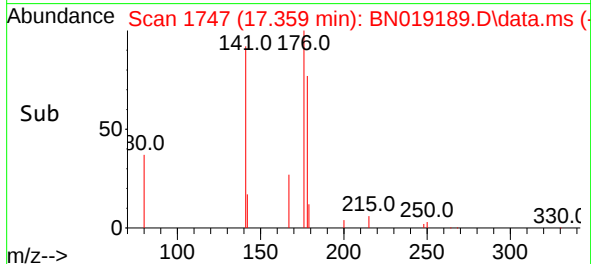
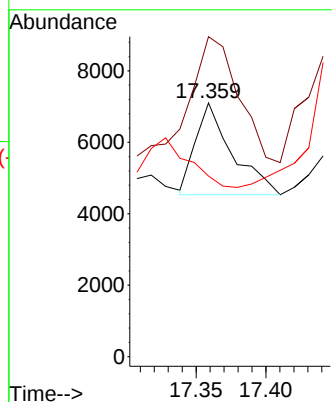
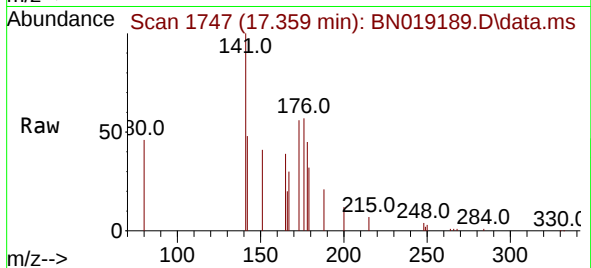
Tgt Ion:178 Resp: 4698

Ion Ratio Lower Upper

178 100

176 212.2 14.8 22.2#

179 0.0 12.2 18.4#



#27

Fluoranthene-d10

Concen: 0.484 ng

RT: 19.257 min Scan# 2107

Delta R.T. -0.000 min

Lab File: BN019189.D

Acq: 26 Mar 2022 12:44

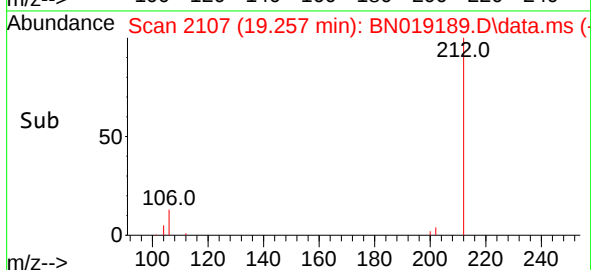
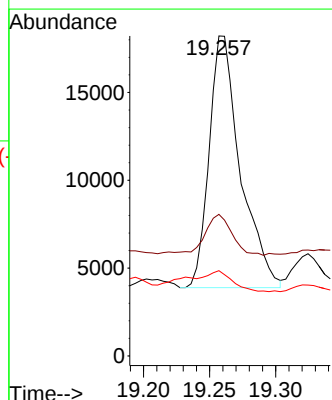
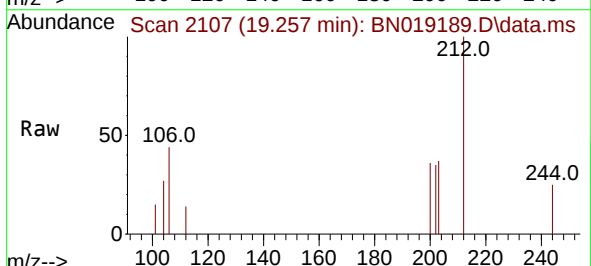
Tgt Ion:212 Resp: 23636

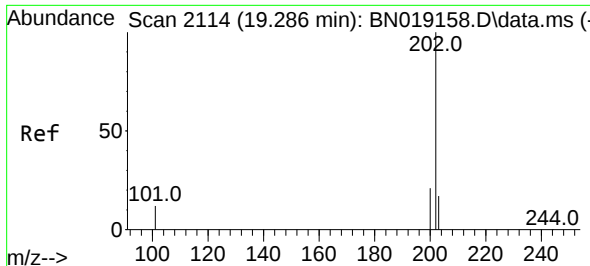
Ion Ratio Lower Upper

212 100

106 14.5 12.7 19.1

104 7.3 7.1 10.7

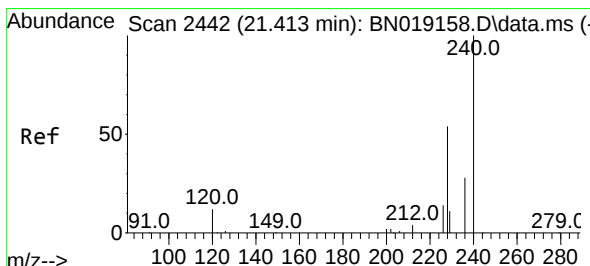
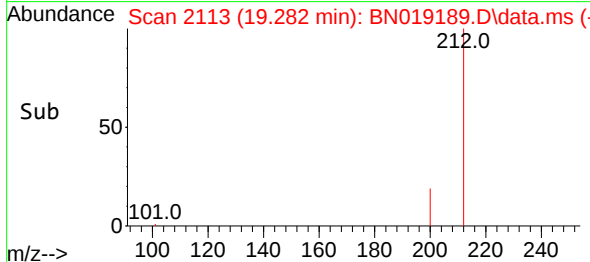
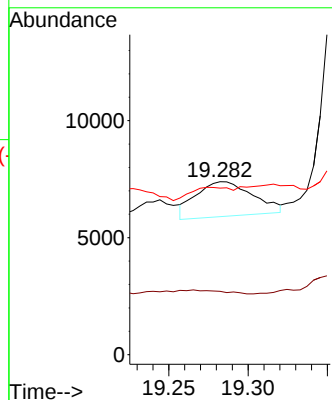
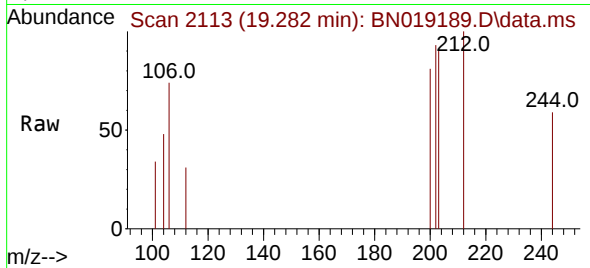




#28
Fluoranthene
Concen: 0.062 ng
RT: 19.282 min Scan# 2113
Delta R.T. -0.004 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

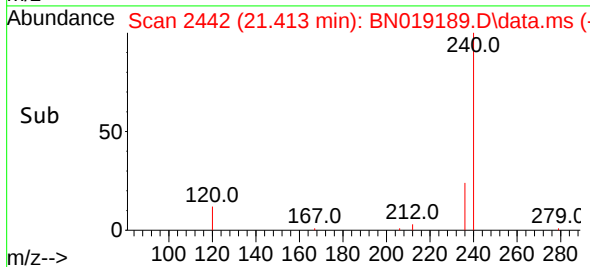
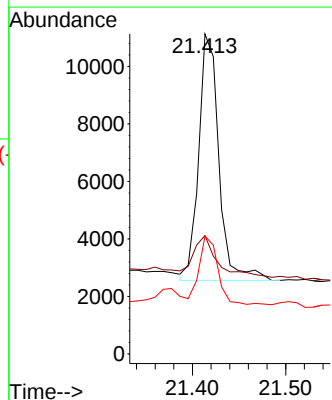
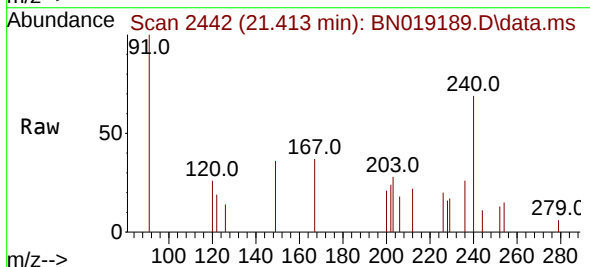
Instrument :
BNA_N
ClientSampleId :
MW-47

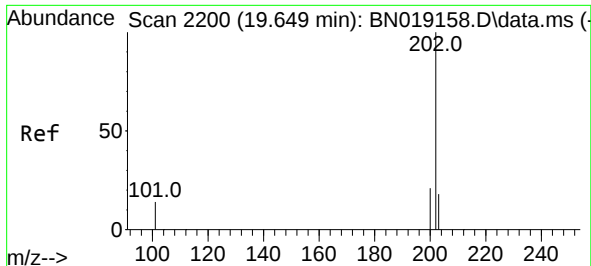
Tgt Ion:202 Resp: 3737
Ion Ratio Lower Upper
202 100
101 7.5 9.8 14.6#
203 26.8 13.7 20.5#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

Tgt Ion:240 Resp: 12918
Ion Ratio Lower Upper
240 100
120 37.0 8.5 12.7#
236 36.8 22.4 33.6#

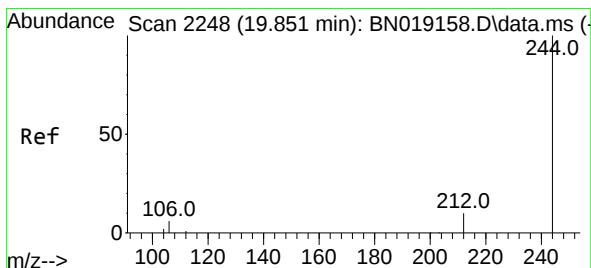
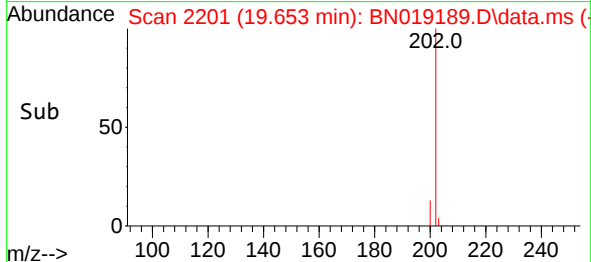
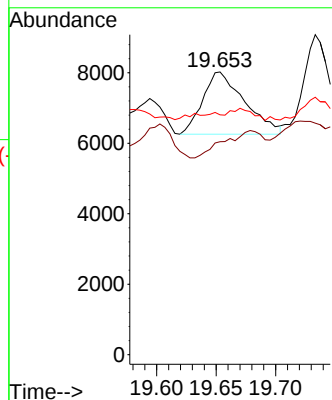
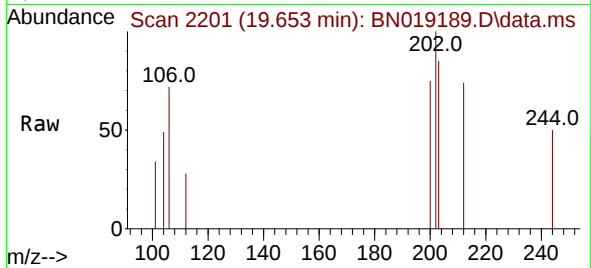




#30
Pyrene
Concen: 0.071 ng
RT: 19.653 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

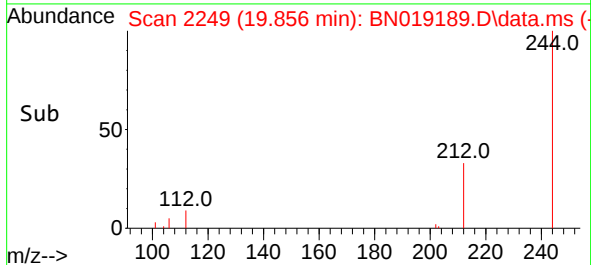
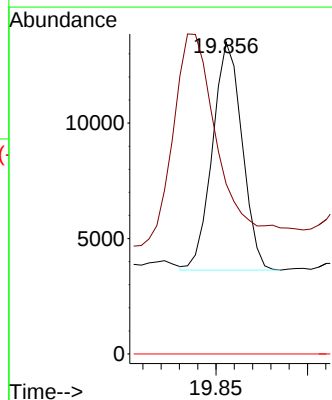
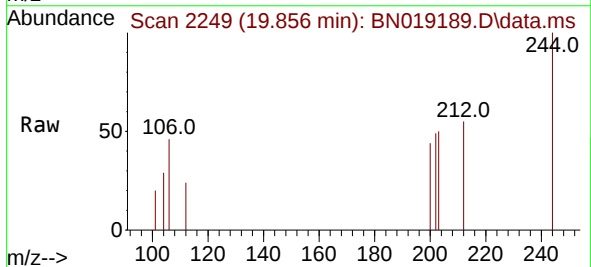
Instrument :
BNA_N
ClientSampleId :
MW-47

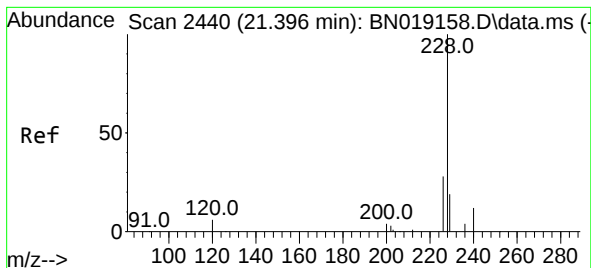
Tgt Ion:202 Resp: 4338
Ion Ratio Lower Upper
202 100
200 0.0 16.9 25.3#
203 0.0 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.856 min Scan# 2249
Delta R.T. 0.004 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

Tgt Ion:244 Resp: 11129
Ion Ratio Lower Upper
244 100
212 54.6 8.2 12.4#
122 0.0 0.0 0.0





#32

Benzo(a)anthracene

Concen: 0.053 ng

RT: 21.404 min Scan# 2441

Delta R.T. 0.009 min

Lab File: BN019189.D

Acq: 26 Mar 2022 12:44

Instrument :

BNA_N

ClientSampleId :

MW-47

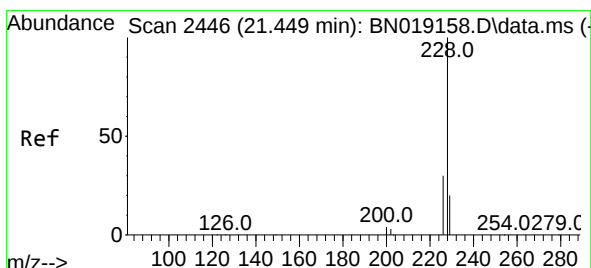
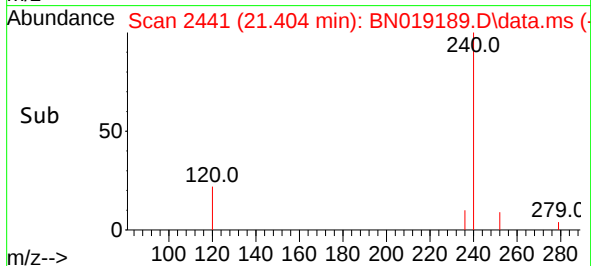
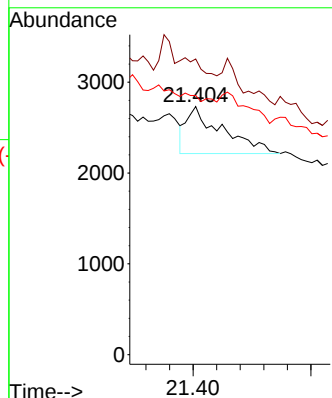
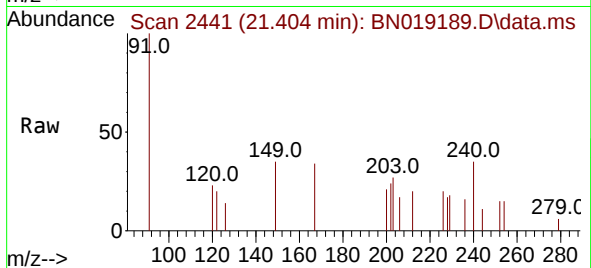
Tgt Ion:228 Resp: 2203

Ion Ratio Lower Upper

228 100

226 119.1 21.9 32.9#

229 104.4 16.0 24.0#



#33

Chrysene

Concen: 0.038 ng

RT: 21.404 min Scan# 2441

Delta R.T. -0.045 min

Lab File: BN019189.D

Acq: 26 Mar 2022 12:44

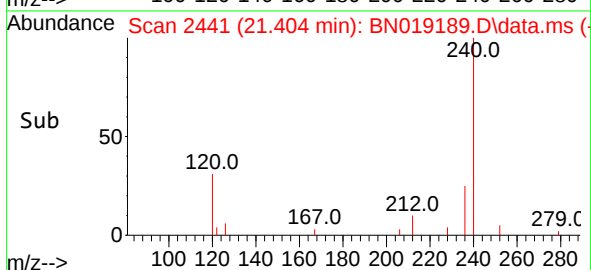
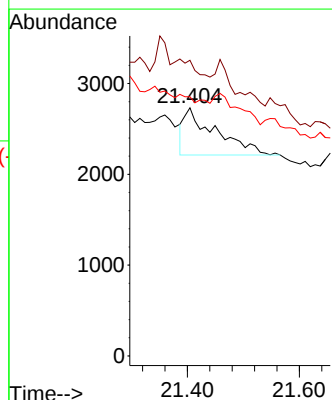
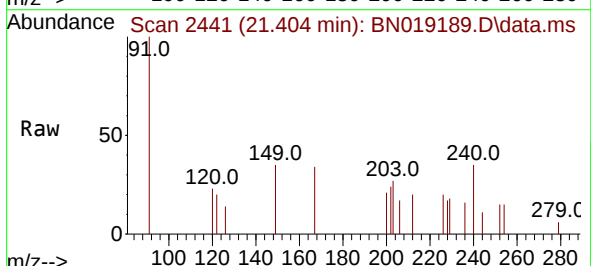
Tgt Ion:228 Resp: 2042

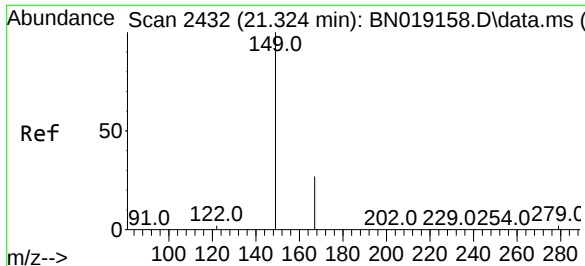
Ion Ratio Lower Upper

228 100

226 119.1 24.0 36.0#

229 104.4 15.9 23.9#

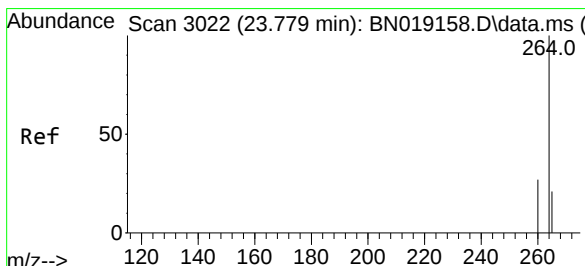
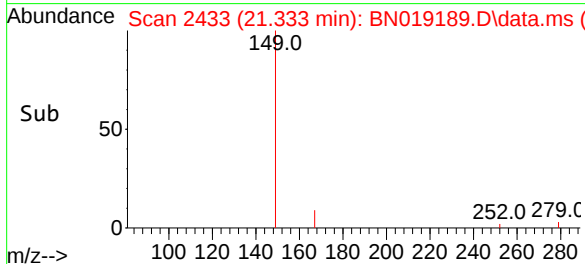
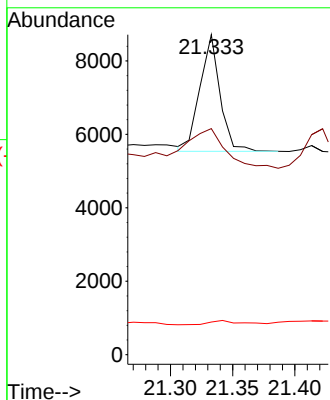
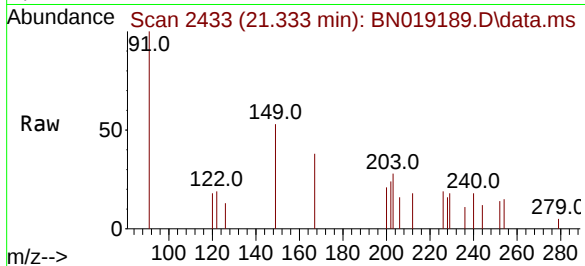




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.141 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. 0.009 min
 Lab File: BN019189.D
 Acq: 26 Mar 2022 12:44

Instrument :
 BNA_N
 ClientSampleId :
 MW-47

Tgt Ion:149 Resp: 3556
 Ion Ratio Lower Upper
 149 100
 167 66.0 21.8 32.8#
 279 6.0 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.785 min Scan# 3024
 Delta R.T. 0.006 min
 Lab File: BN019189.D
 Acq: 26 Mar 2022 12:44

Tgt Ion:264 Resp: 11572
 Ion Ratio Lower Upper
 264 100
 260 31.8 22.4 33.6
 265 53.9 25.3 37.9#

