

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019190.D
 Acq On : 26 Mar 2022 13:20
 Operator : CG/JU
 Sample : N2090-02DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-47DL

Quant Time: Mar 28 09:12:04 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)

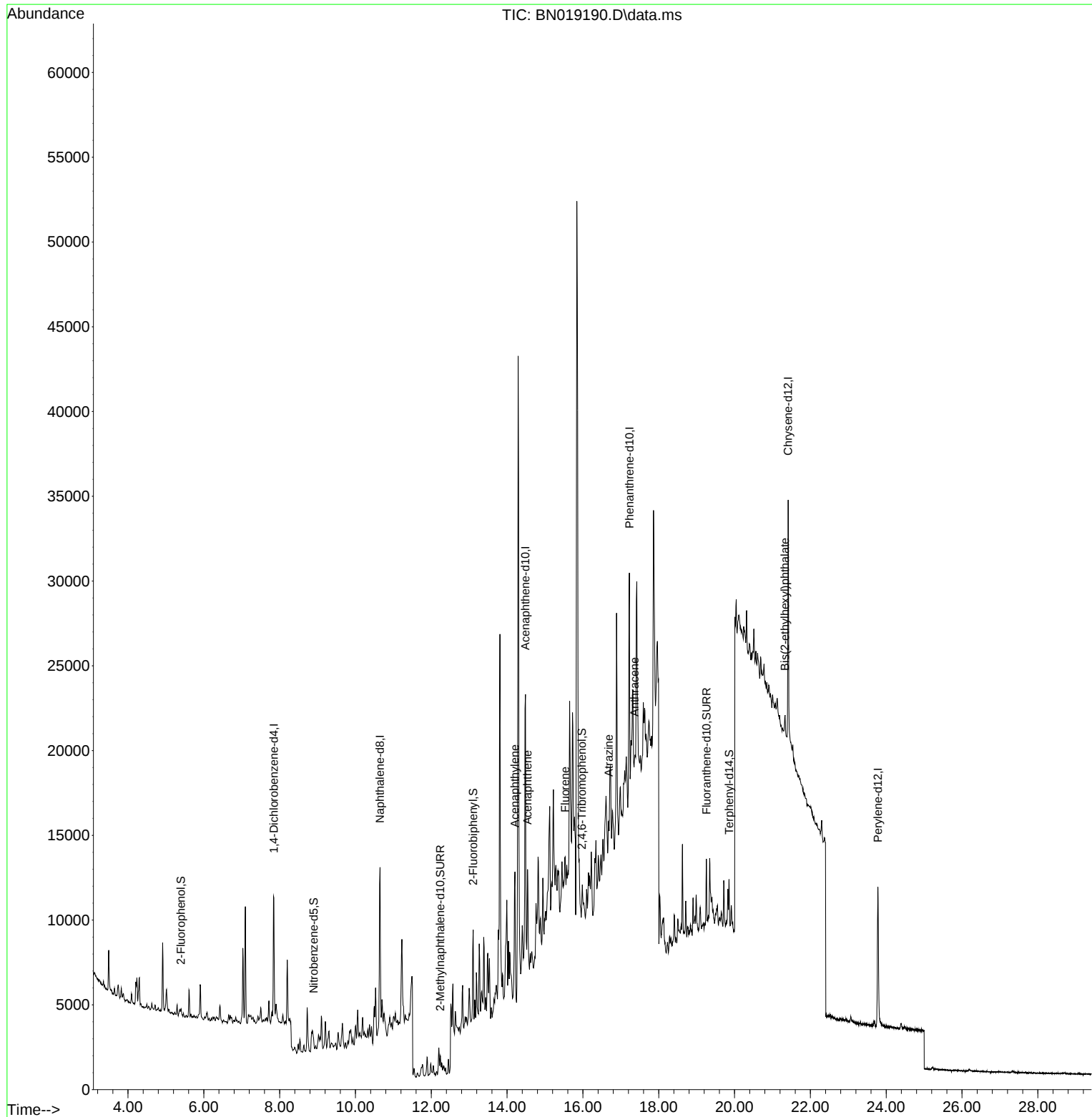
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	4206	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12494	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	9284	0.400	ng	# 0.00
19) Phenanthrene-d10	17.226	188	16201	0.400	ng	# 0.00
29) Chrysene-d12	21.413	240	12796	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	11673	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	327	0.033	ng	0.00
5) Phenol-d6	7.017	99	193	0.017	ng	0.01
8) Nitrobenzene-d5	8.897	82	358	0.037	ng	-0.10
11) 2-Methylnaphthalene-d10	12.238	152	1125	0.056	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	441	0.098	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	3036	0.078	ng	0.00
27) Fluoranthene-d10	19.257	212	4736	0.100	ng	0.00
31) Terphenyl-d14	19.856	244	2554	0.089	ng	0.00
Target Compounds						
16) Acenaphthylene	14.207	152	954	0.023	ng	# 1
17) Acenaphthene	14.538	154	2961	0.099	ng	96
18) Fluorene	15.532	166	989	0.026	ng	# 77
23) Atrazine	16.682	200	513	0.070	ng	# 1
26) Anthracene	17.359	178	1094	0.025	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.333	149	1174	0.047	ng	# 42

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

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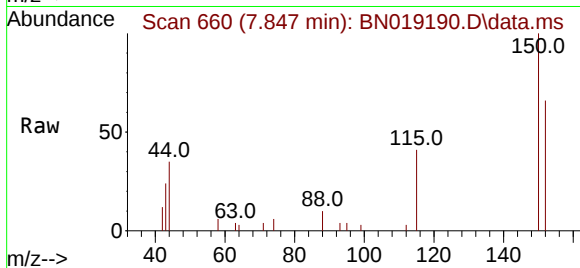
Quant Time: Mar 28 09:12:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
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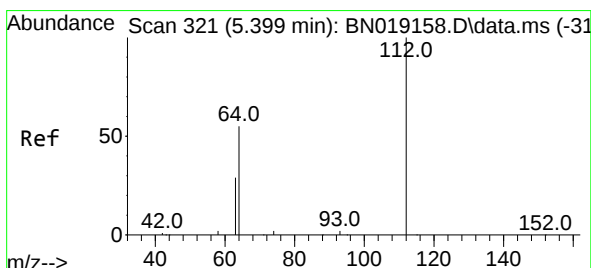
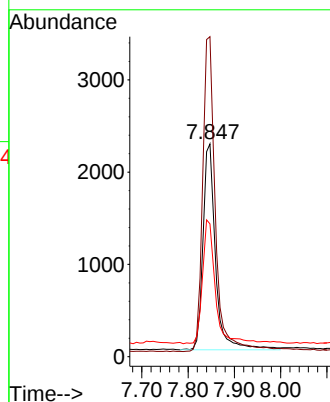
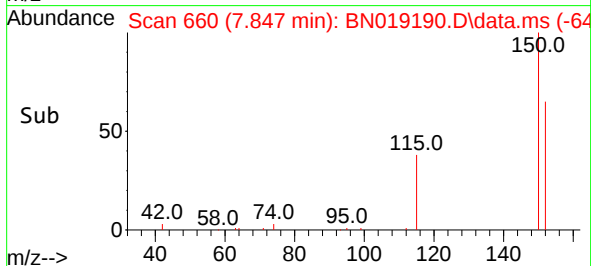


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.847 min Scan# 660
Delta R.T. 0.000 min
Lab File: BN019190.D
Acq: 26 Mar 2022 13:20

Instrument :
BNA_N
ClientSampleId :
MW-47DL

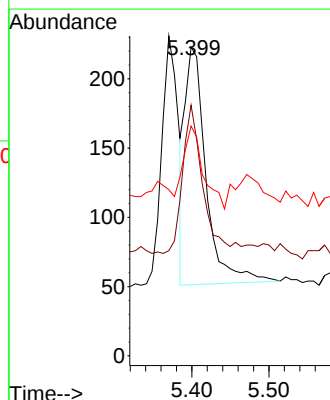
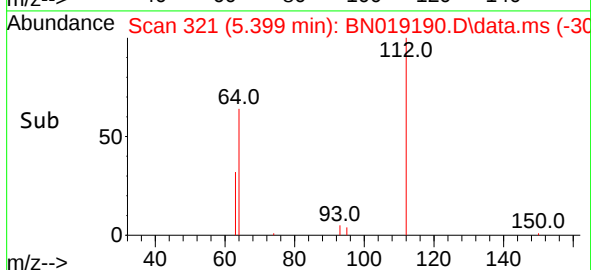
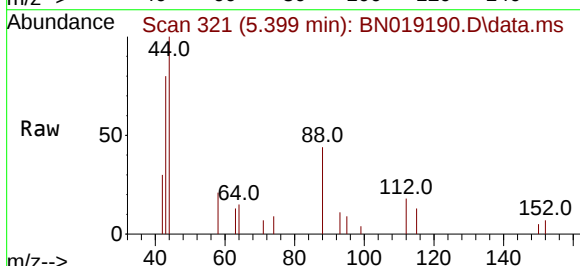


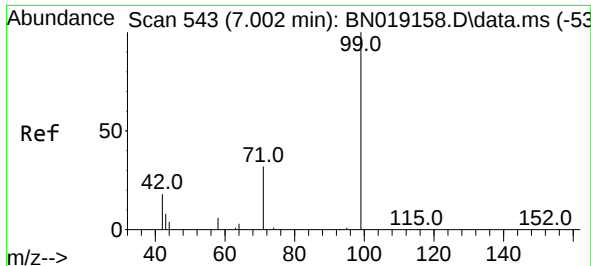
Tgt Ion:152 Resp: 4206
Ion Ratio Lower Upper
152 100
150 150.4 123.9 185.9
115 62.4 48.2 72.4



#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN019190.D
Acq: 26 Mar 2022 13:20

Tgt Ion:112 Resp: 327
Ion Ratio Lower Upper
112 100
64 57.8 47.8 71.8
63 32.7 25.7 38.5

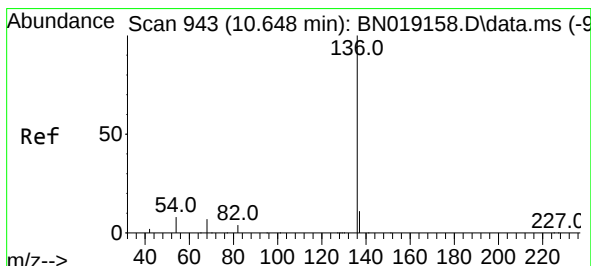
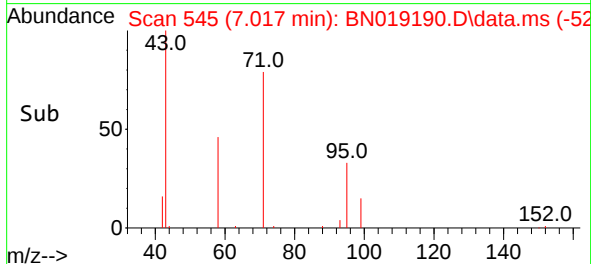
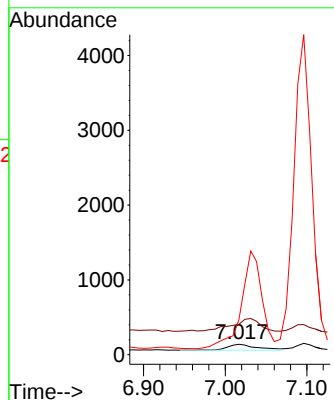
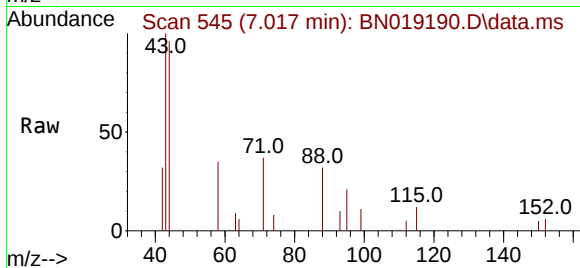




#5
Phenol-d6
Concen: 0.017 ng
RT: 7.017 min Scan# 543
Delta R.T. 0.015 min
Lab File: BN019190.D
Acq: 26 Mar 2022 13:20

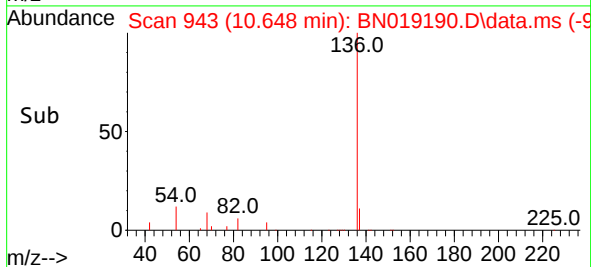
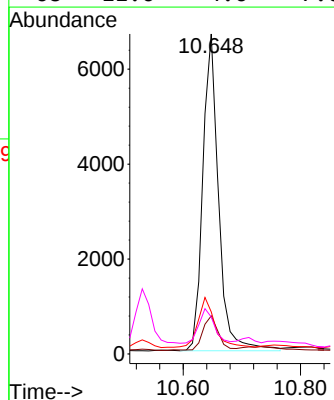
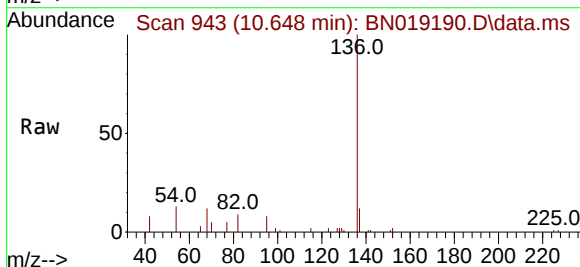
Instrument :
BNA_N
ClientSampleId :
MW-47DL

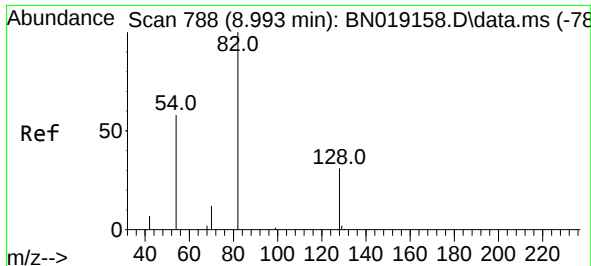
Tgt Ion: 99 Resp: 193
Ion Ratio Lower Upper
99 100
42 205.2 16.2 24.4#
71 1177.2 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN019190.D
Acq: 26 Mar 2022 13:20

Tgt Ion: 136 Resp: 12494
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.4
54 13.2 5.8 8.6#
68 11.6 4.6 7.0#

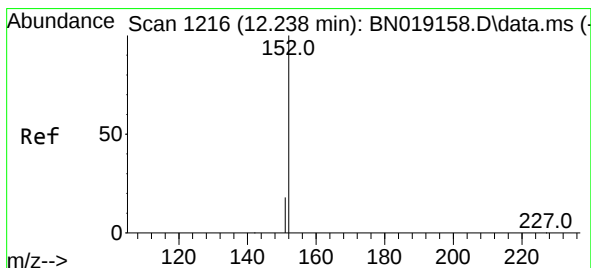
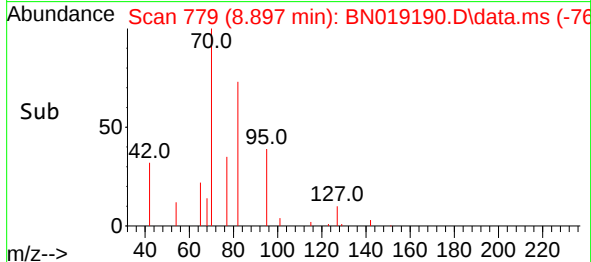
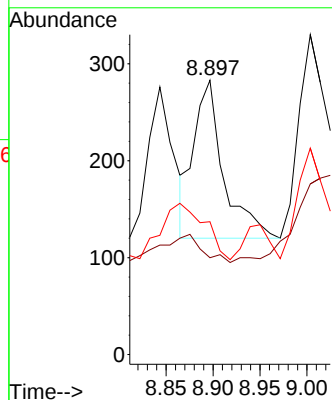
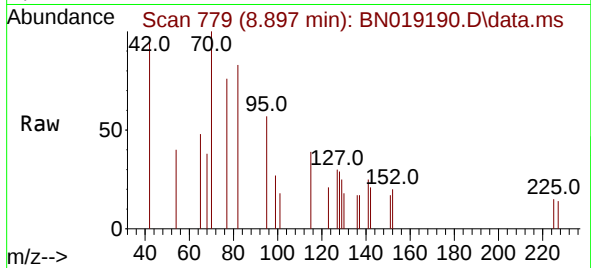




#8
Nitrobenzene-d5
Concen: 0.037 ng
RT: 8.897 min Scan# 71
Delta R.T. -0.096 min
Lab File: BN019190.D
Acq: 26 Mar 2022 13:20

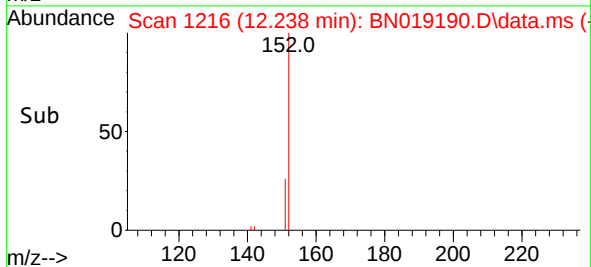
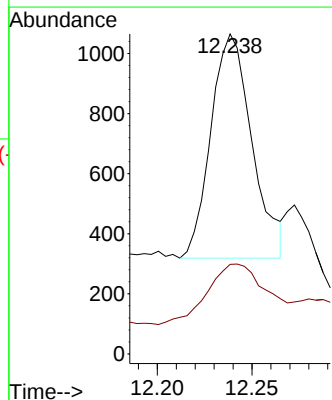
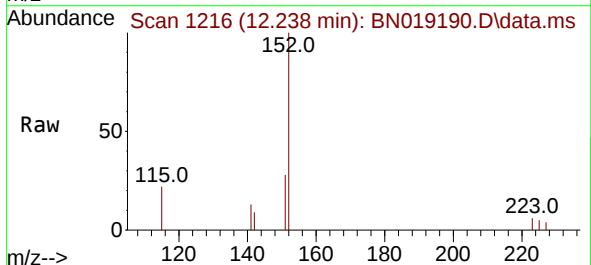
Instrument :
BNA_N
ClientSampleId :
MW-47DL

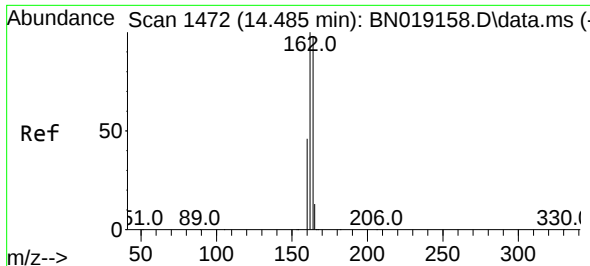
Tgt Ion: 82	Resp: 358
Ion Ratio	Lower Upper
82 100	
128 35.3	33.0 49.6
54 48.4	42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.056 ng
RT: 12.238 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BN019190.D
Acq: 26 Mar 2022 13:20

Tgt Ion:152	Resp:	1125	
Ion	Ratio	Lower	Upper
152	100		
151	38.8	16.5	24.7#

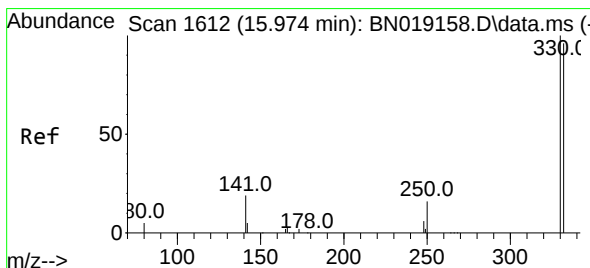
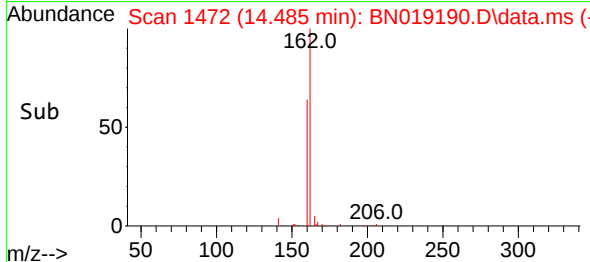
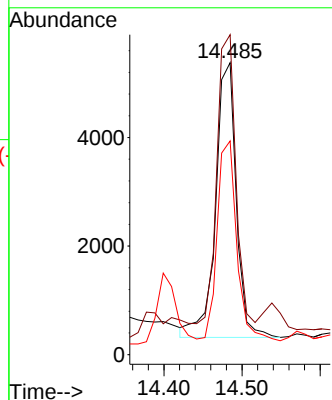
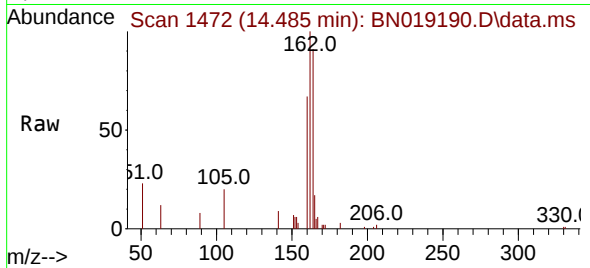




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN019190.D
Acq: 26 Mar 2022 13:20

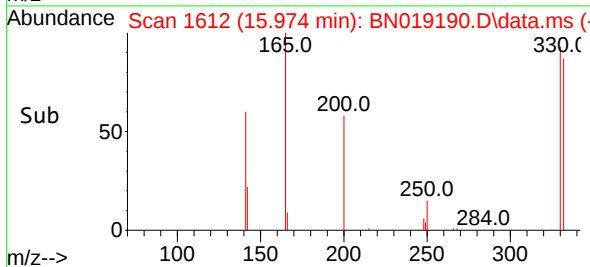
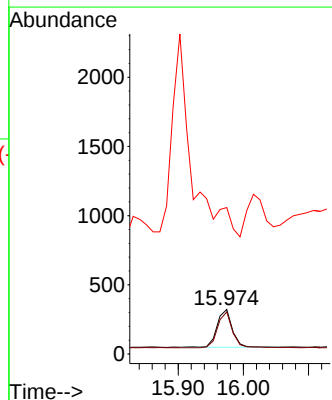
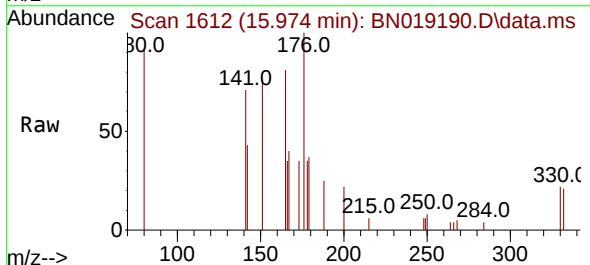
Instrument :
BNA_N
ClientSampleId :
MW-47DL

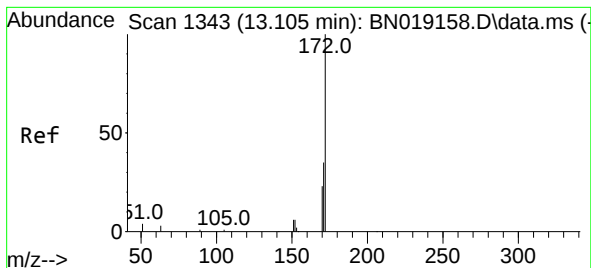
Tgt Ion:164 Resp: 9284
Ion Ratio Lower Upper
164 100
162 109.6 85.2 127.8
160 73.2 41.5 62.3#



#14
2,4,6-Tribromophenol
Concen: 0.098 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN019190.D
Acq: 26 Mar 2022 13:20

Tgt Ion:330 Resp: 441
Ion Ratio Lower Upper
330 100
332 94.6 76.8 115.2
141 0.0 32.2 48.2#





#15

2-Fluorobiphenyl

Concen: 0.078 ng

RT: 13.105 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN019190.D

Acq: 26 Mar 2022 13:20

Instrument :

BNA_N

ClientSampleId :

MW-47DL

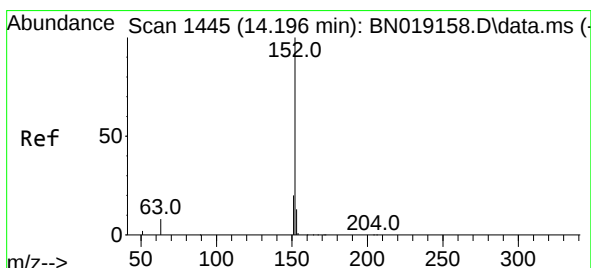
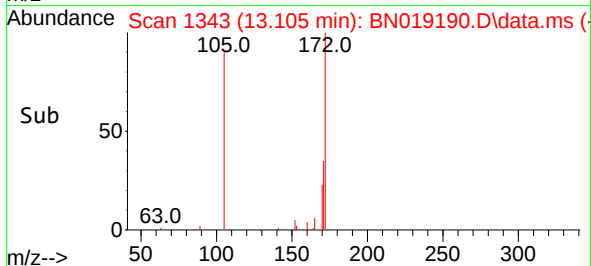
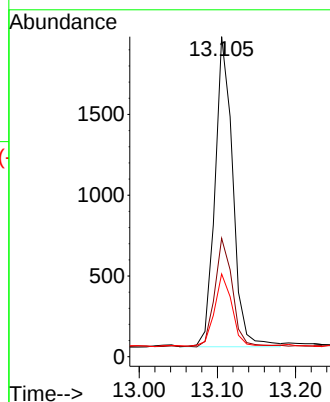
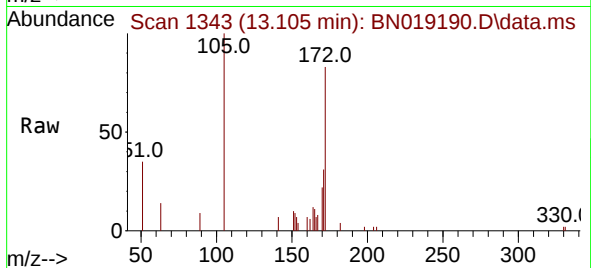
Tgt Ion:172 Resp: 3036

Ion Ratio Lower Upper

172 100

171 37.0 28.2 42.2

170 25.8 18.7 28.1



#16

Acenaphthylene

Concen: 0.023 ng

RT: 14.207 min Scan# 1446

Delta R.T. 0.011 min

Lab File: BN019190.D

Acq: 26 Mar 2022 13:20

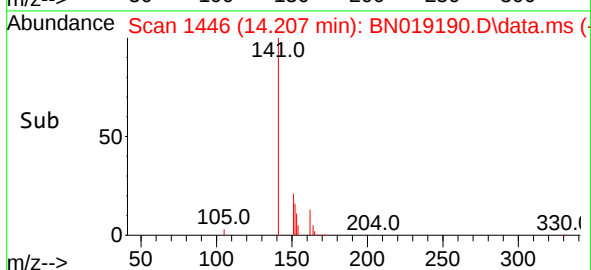
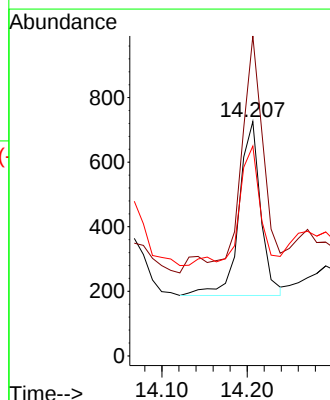
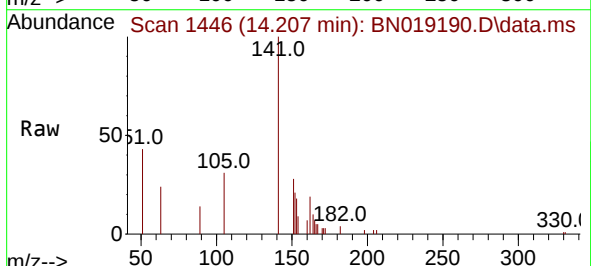
Tgt Ion:152 Resp: 954

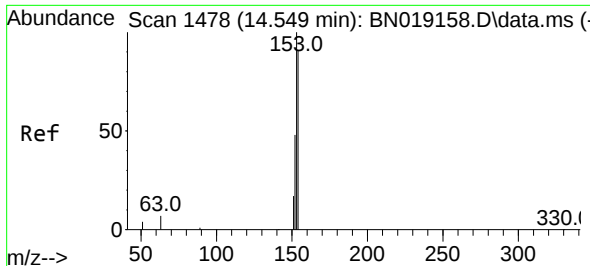
Ion Ratio Lower Upper

152 100

151 118.9 15.9 23.9#

153 67.3 10.6 15.8#

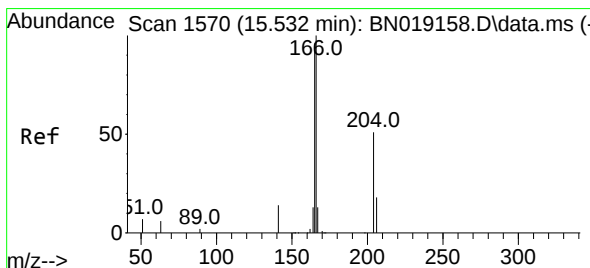
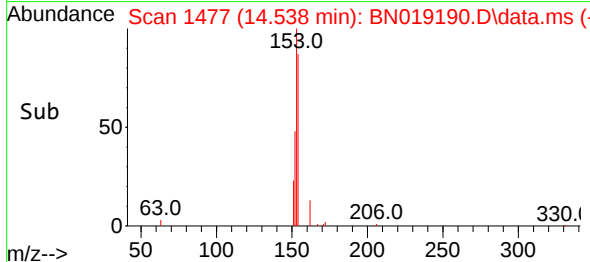
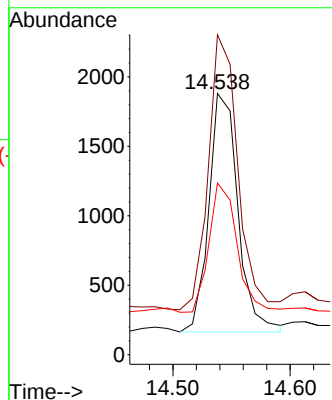
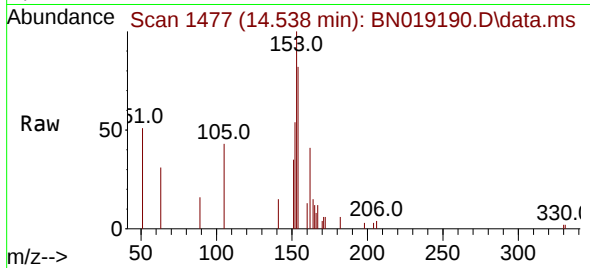




#17
Acenaphthene
Concen: 0.099 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN019190.D
Acq: 26 Mar 2022 13:20

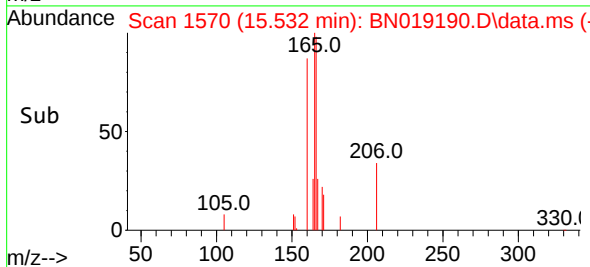
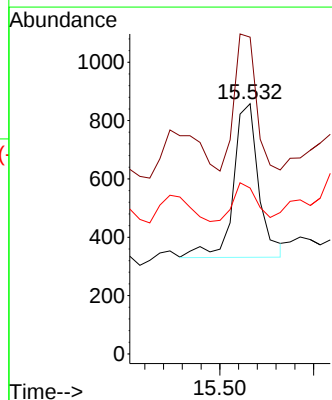
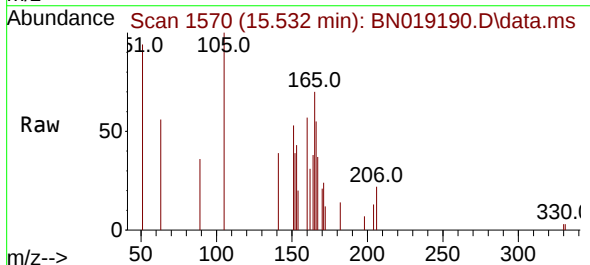
Instrument :
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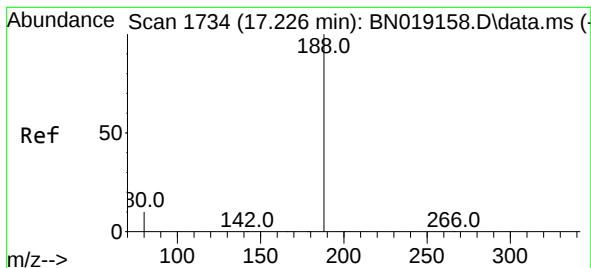
Tgt Ion:154 Resp: 2961
Ion Ratio Lower Upper
154 100
153 116.3 89.7 134.5
152 52.3 44.7 67.1



#18
Fluorene
Concen: 0.026 ng
RT: 15.532 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN019190.D
Acq: 26 Mar 2022 13:20

Tgt Ion:166 Resp: 989
Ion Ratio Lower Upper
166 100
165 75.9 79.2 118.8#
167 23.1 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.226 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN019190.D

Acq: 26 Mar 2022 13:20

Instrument :

BNA_N

ClientSampleId :

MW-47DL

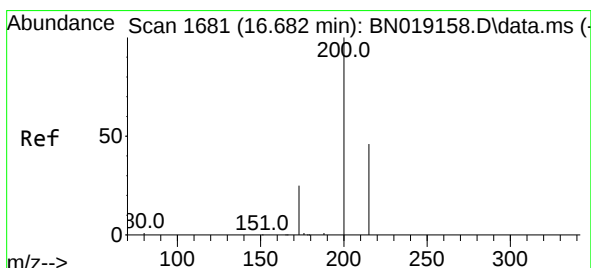
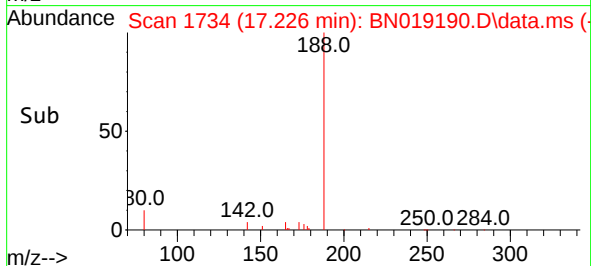
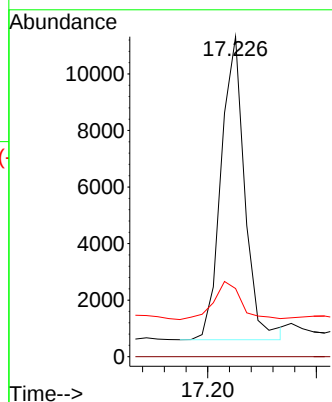
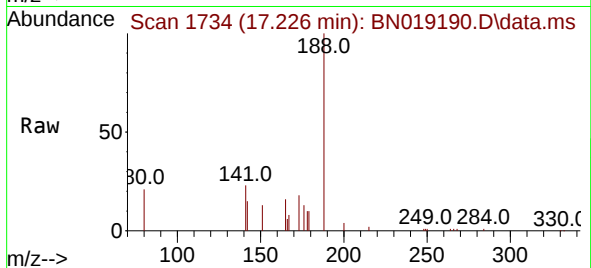
Tgt Ion:188 Resp: 16201

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 21.3 11.8 17.8#



#23

Atrazine

Concen: 0.070 ng

RT: 16.682 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BN019190.D

Acq: 26 Mar 2022 13:20

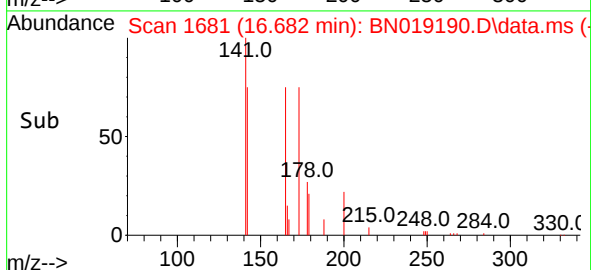
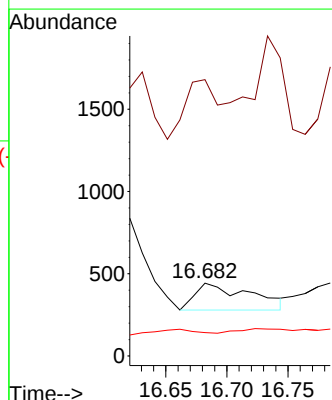
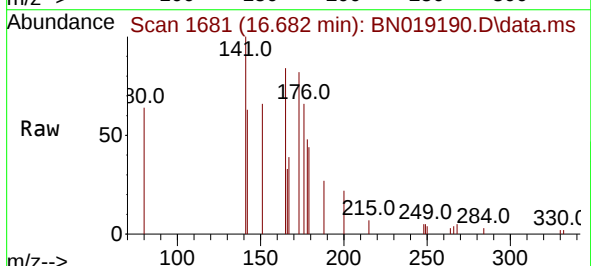
Tgt Ion:200 Resp: 513

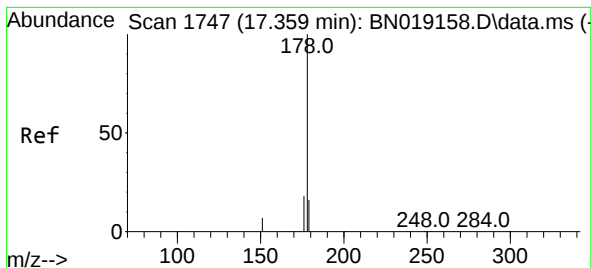
Ion Ratio Lower Upper

200 100

173 379.2 23.9 35.9#

215 32.1 36.6 54.8#





#26

Anthracene

Concen: 0.025 ng

RT: 17.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN019190.D

Acq: 26 Mar 2022 13:20

Instrument :

BNA_N

ClientSampleId :

MW-47DL

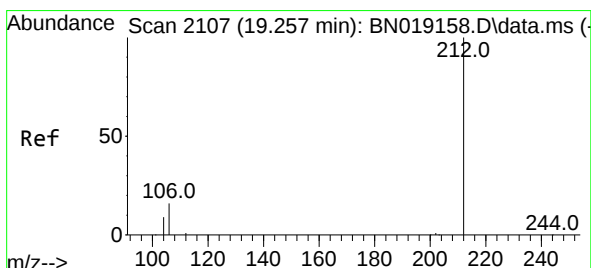
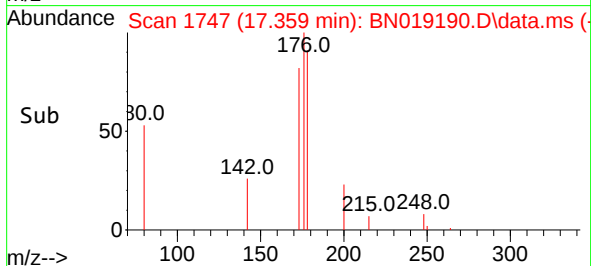
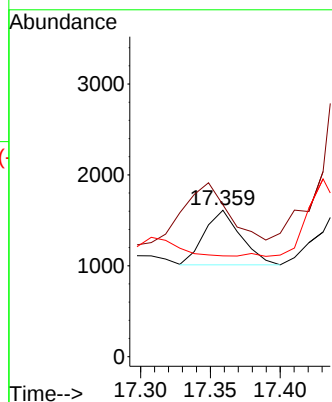
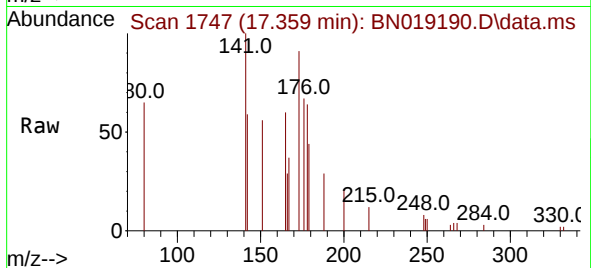
Tgt Ion:178 Resp: 1094

Ion Ratio Lower Upper

178 100

176 171.8 14.8 22.2#

179 0.0 12.2 18.4#



#27

Fluoranthene-d10

Concen: 0.100 ng

RT: 19.257 min Scan# 2107

Delta R.T. 0.000 min

Lab File: BN019190.D

Acq: 26 Mar 2022 13:20

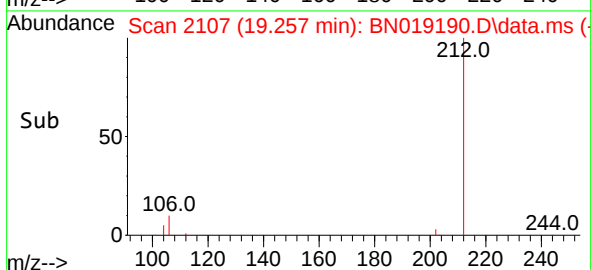
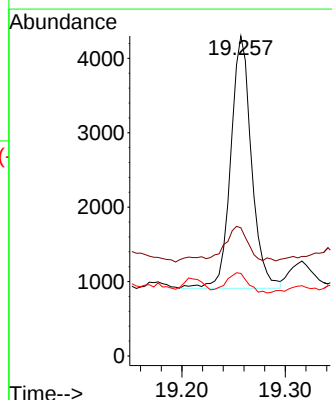
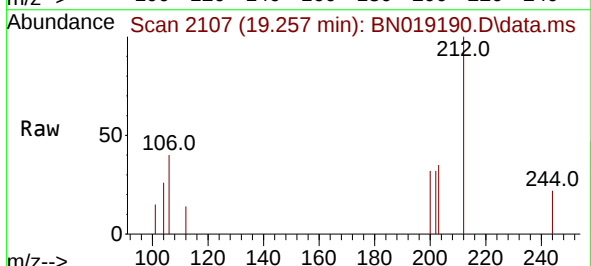
Tgt Ion:212 Resp: 4736

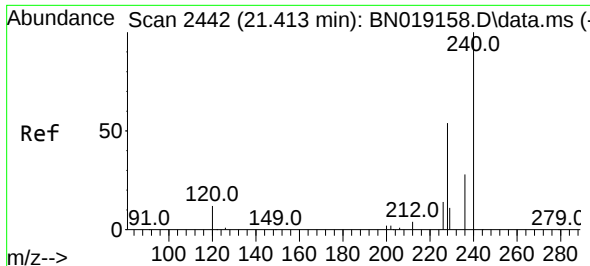
Ion Ratio Lower Upper

212 100

106 14.0 12.7 19.1

104 8.4 7.1 10.7

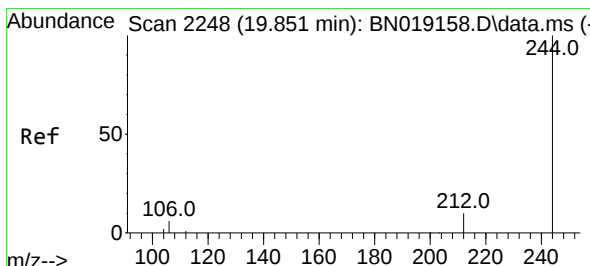
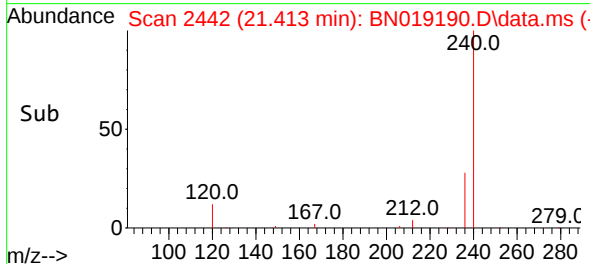
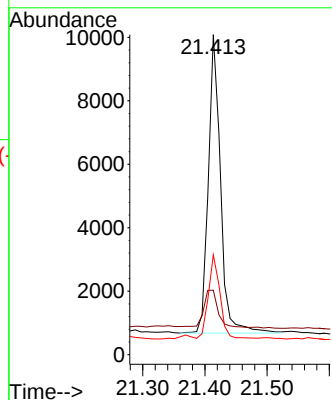
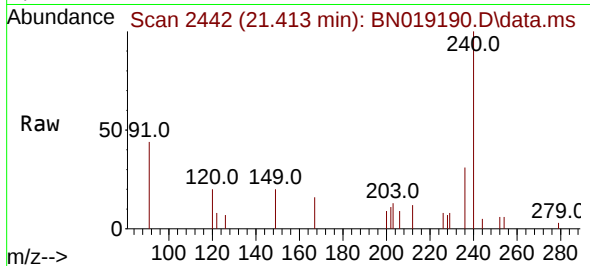




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN019190.D
Acq: 26 Mar 2022 13:20

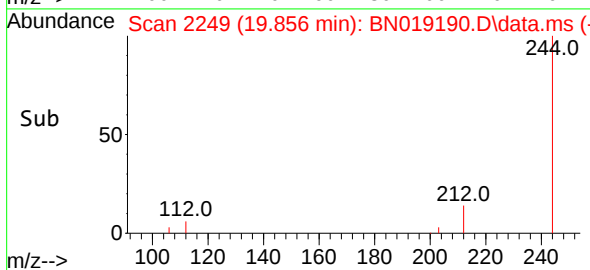
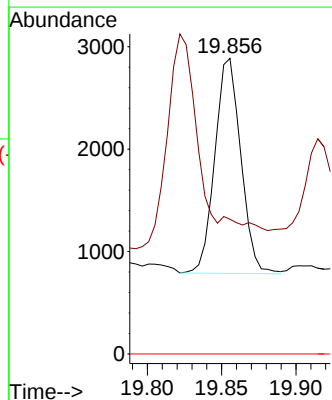
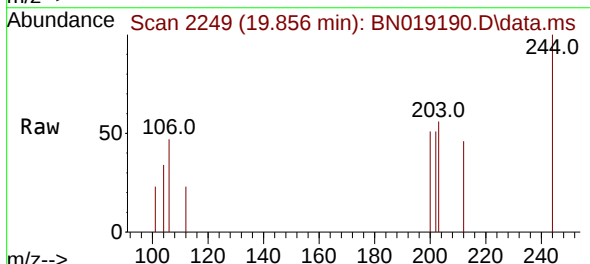
Instrument :
BNA_N
ClientSampleId :
MW-47DL

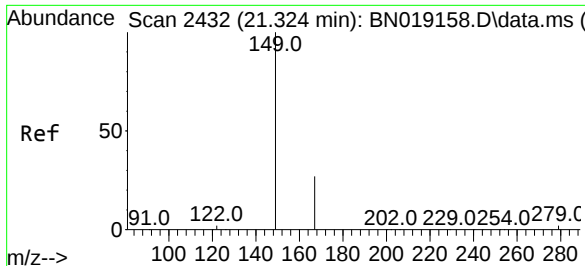
Tgt Ion:240 Resp: 12796
Ion Ratio Lower Upper
240 100
120 20.2 8.5 12.7#
236 31.2 22.4 33.6



#31
Terphenyl-d14
Concen: 0.089 ng
RT: 19.856 min Scan# 2249
Delta R.T. 0.004 min
Lab File: BN019190.D
Acq: 26 Mar 2022 13:20

Tgt Ion:244 Resp: 2554
Ion Ratio Lower Upper
244 100
212 45.5 8.2 12.4#
122 0.0 0.0 0.0

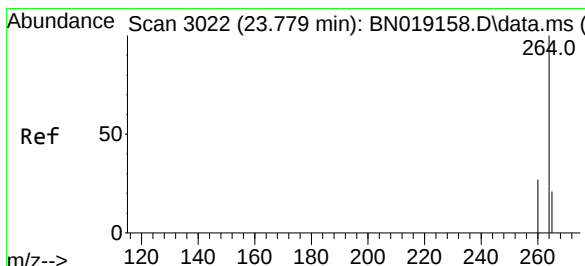
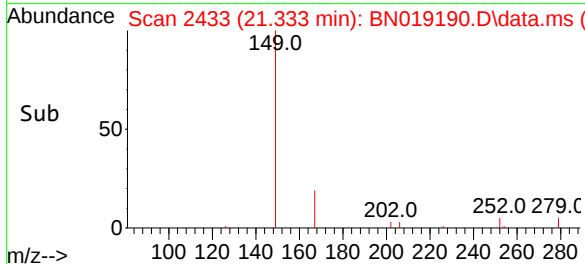
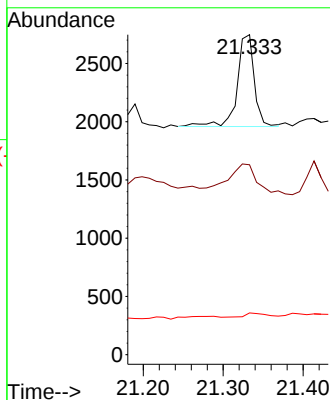
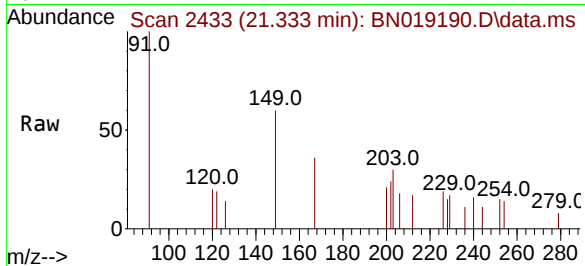




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. 0.009 min
 Lab File: BN019190.D
 Acq: 26 Mar 2022 13:20

Instrument :
 BNA_N
 ClientSampleId :
 MW-47DL

Tgt Ion:149 Resp: 1174
 Ion Ratio Lower Upper
 149 100
 167 59.8 21.8 32.8#
 279 5.3 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.782 min Scan# 3023
 Delta R.T. 0.003 min
 Lab File: BN019190.D
 Acq: 26 Mar 2022 13:20

Tgt Ion:264 Resp: 11673
 Ion Ratio Lower Upper
 264 100
 260 29.1 22.4 33.6
 265 48.2 25.3 37.9#

