

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041122\
 Data File : BN019414.D
 Acq On : 11 Apr 2022 16:11
 Operator : CG/JU
 Sample : N2334-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-26

Quant Time: Apr 12 07:32:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

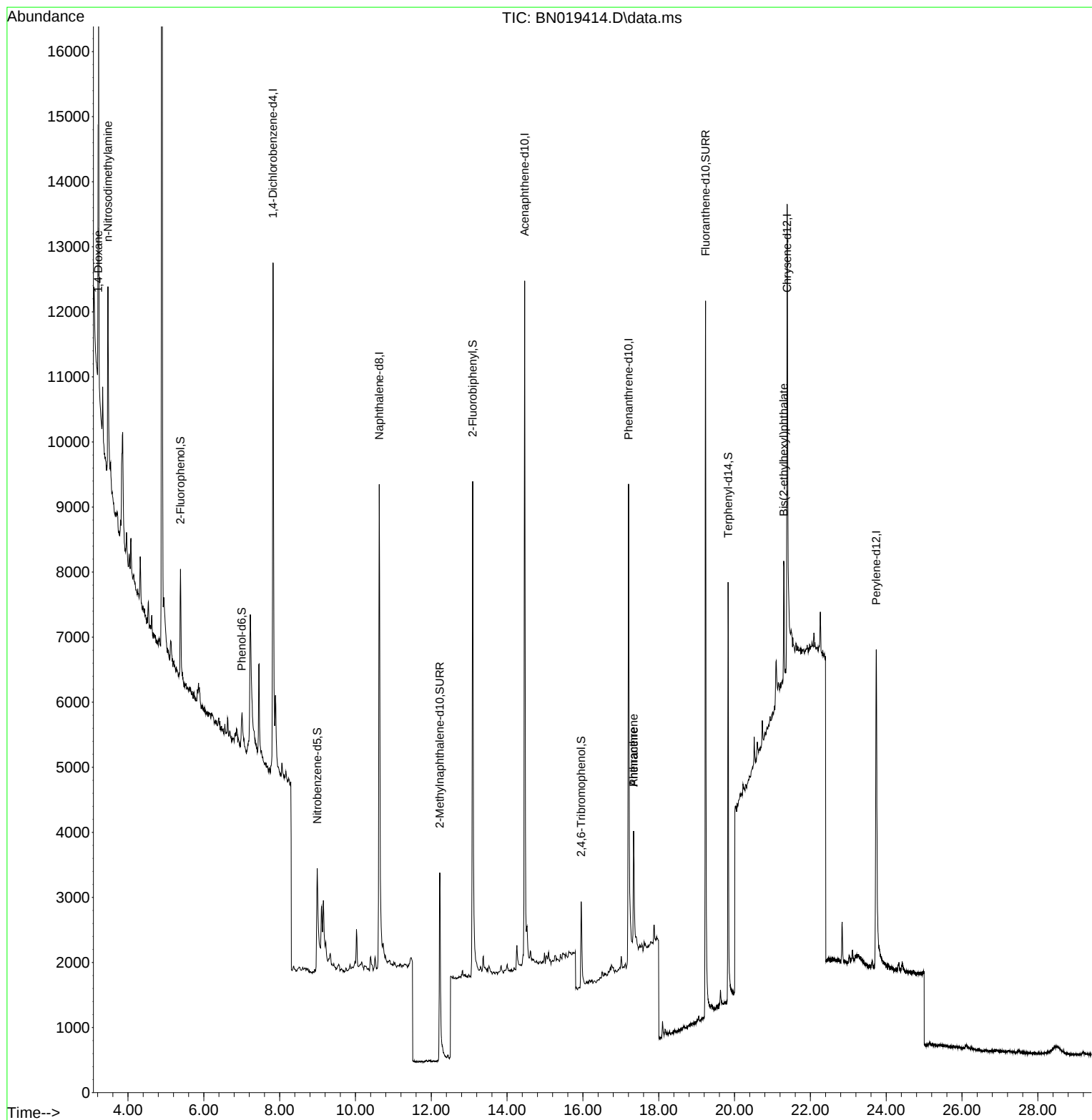
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4741	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	12477	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	6689	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	12819	0.400	ng	0.00
29) Chrysene-d12	21.387	240	9509	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	8673	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	1477	0.116	ng	0.00
5) Phenol-d6	7.002	99	757	0.050	ng	0.01
8) Nitrobenzene-d5	8.993	82	2377	0.210	ng	0.01
11) 2-Methylnaphthalene-d10	12.223	152	5468	0.250	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1008	0.248	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	8210	0.295	ng	0.00
27) Fluoranthene-d10	19.236	212	13988	0.339	ng	0.00
31) Terphenyl-d14	19.830	244	8236	0.399	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.218	88	4248	0.749	ng	# 95
3) n-Nitrosodimethylamine	3.471	42	809	0.108	ng	# 1
25) Phenanthrene	17.338	178	3073	0.071	ng	96
26) Anthracene	17.338	178	3073	0.081	ng	97
34) Bis(2-ethylhexyl)phtha...	21.297	149	2022	0.077	ng	# 99

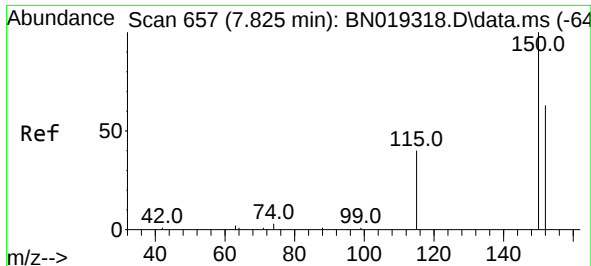
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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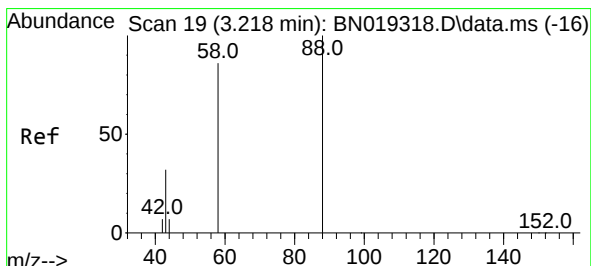
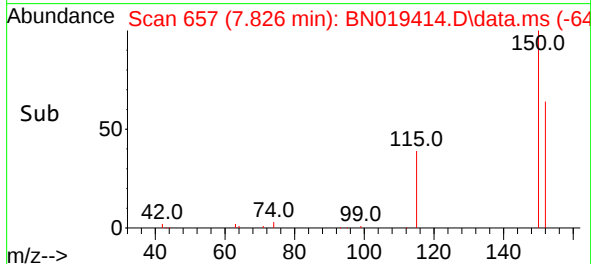
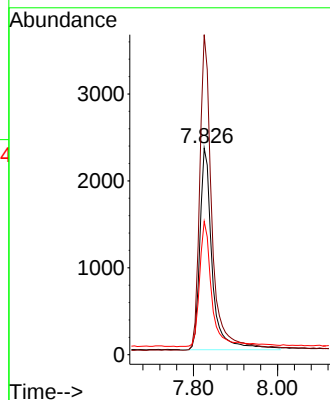
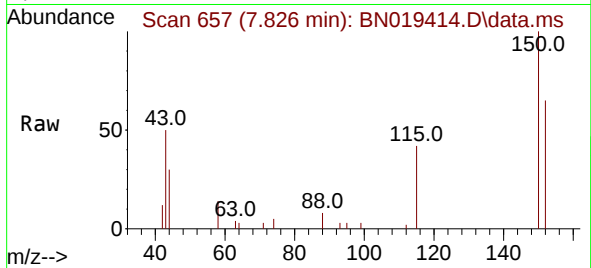




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN019414.D
 Acq: 11 Apr 2022 16:11

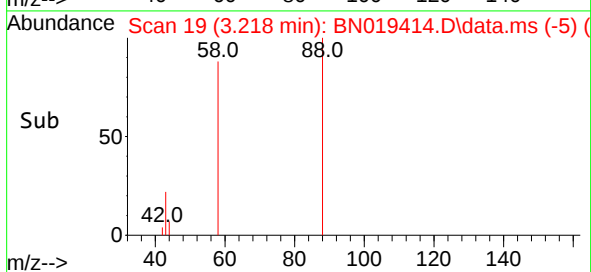
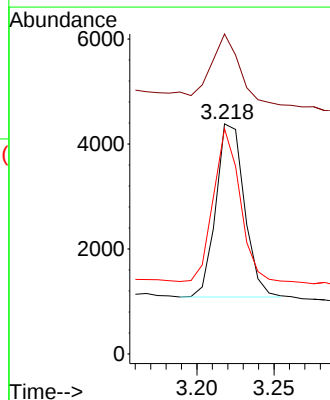
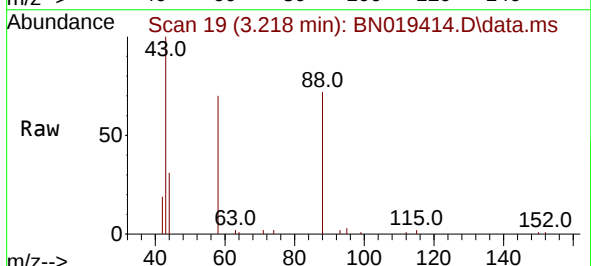
Instrument :
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 MW-26

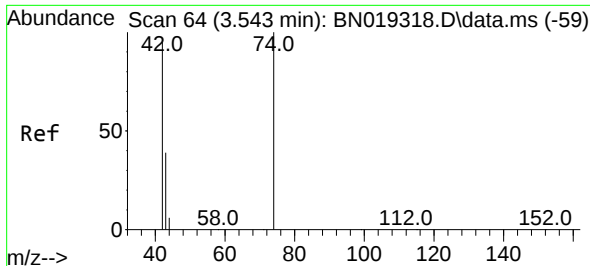
Tgt Ion:152 Resp: 4741
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.9 185.9
 115 64.5 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.749 ng
 RT: 3.218 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN019414.D
 Acq: 11 Apr 2022 16:11

Tgt Ion: 88 Resp: 4248
 Ion Ratio Lower Upper
 88 100
 43 40.8 24.6 37.0#
 58 81.8 65.4 98.2

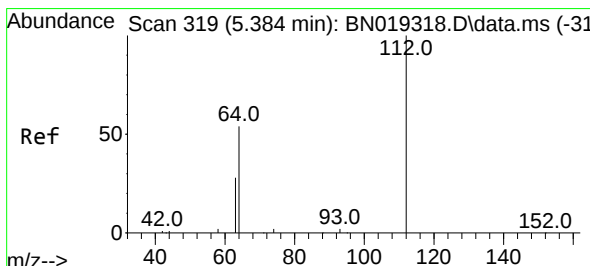
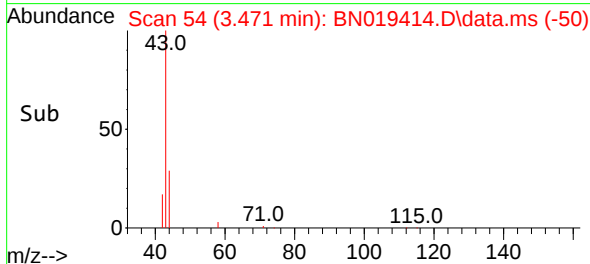
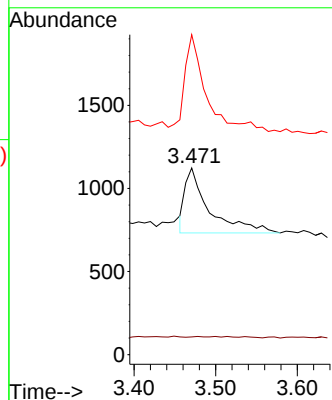
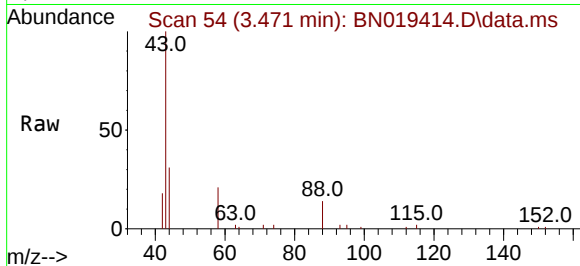




#3
n-Nitrosodimethylamine
Concen: 0.108 ng
RT: 3.471 min Scan# 54
Delta R.T. -0.072 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

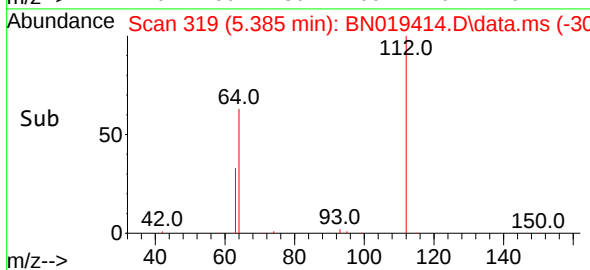
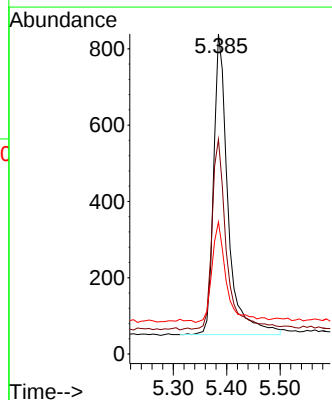
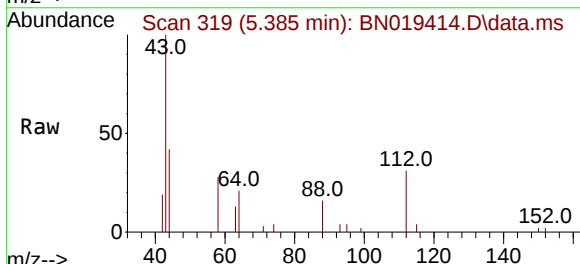
Instrument :
BNA_N
ClientSampleId :
MW-26

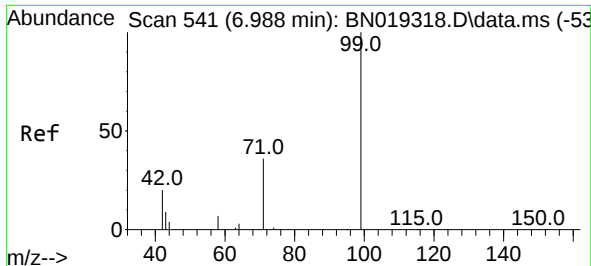
Tgt Ion: 42 Resp: 809
Ion Ratio Lower Upper
42 100
74 0.6 96.9 145.3#
44 126.3 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.385 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

Tgt Ion: 112 Resp: 1477
Ion Ratio Lower Upper
112 100
64 63.8 47.8 71.8
63 33.8 25.7 38.5

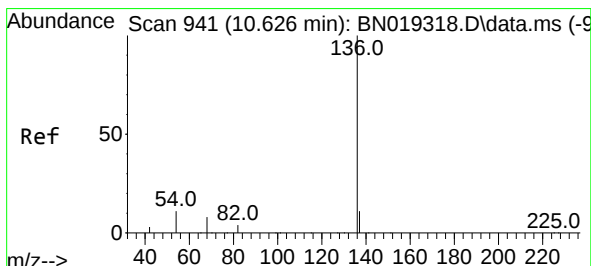
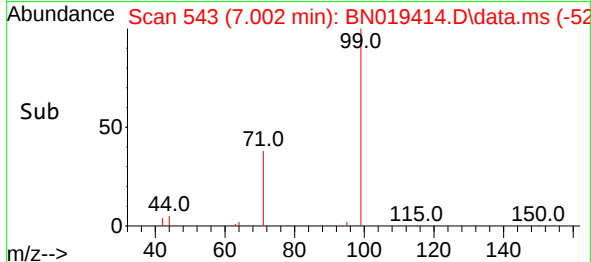
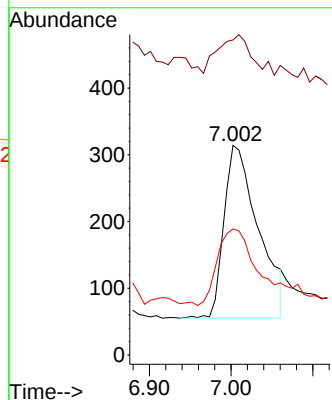
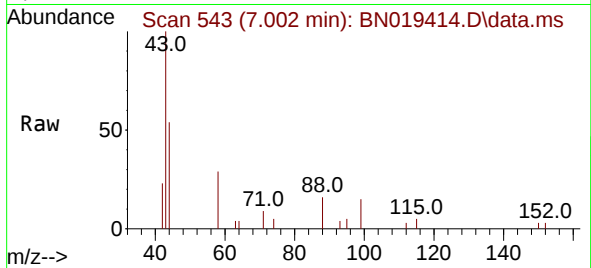




#5
Phenol-d6
Concen: 0.050 ng
RT: 7.002 min Scan# 541
Delta R.T. 0.015 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

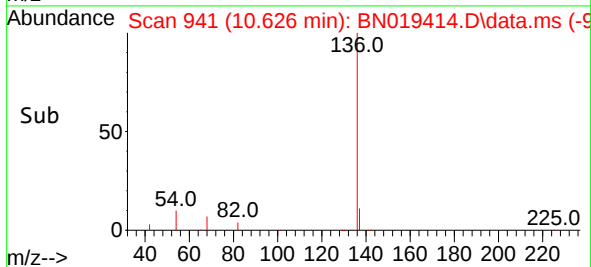
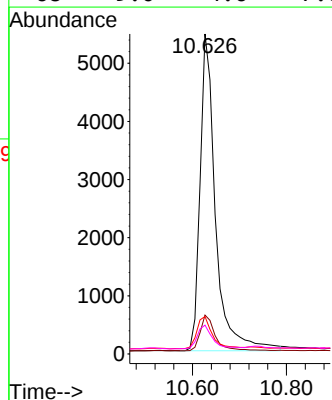
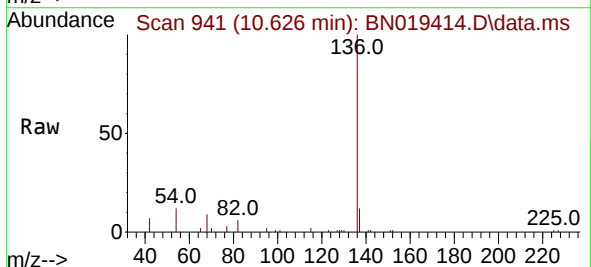
Instrument :
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ClientSampleId :
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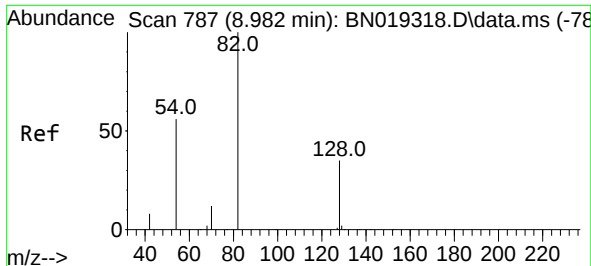
Tgt Ion: 99 Resp: 757
Ion Ratio Lower Upper
99 100
42 22.9 16.2 24.4
71 48.5 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

Tgt Ion: 136 Resp: 12477
Ion Ratio Lower Upper
136 100
137 12.2 9.0 13.4
54 11.7 5.8 8.6#
68 9.0 4.6 7.0#

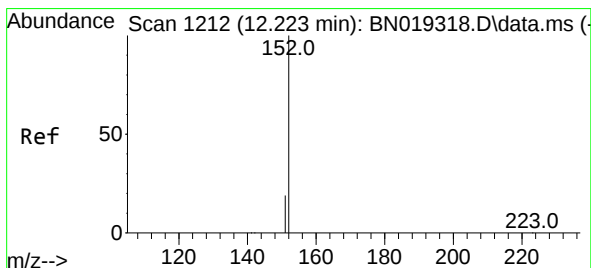
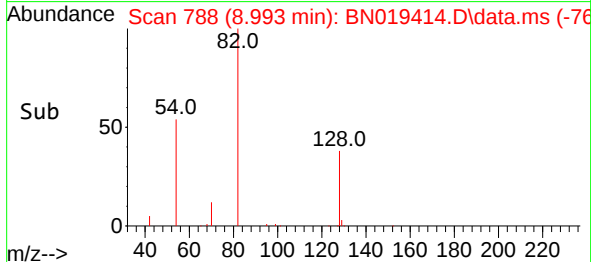
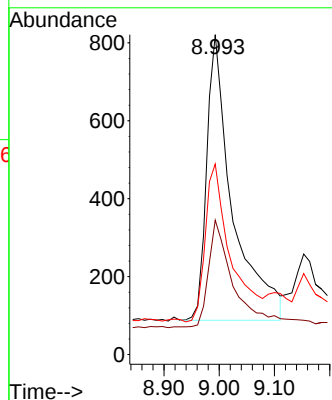
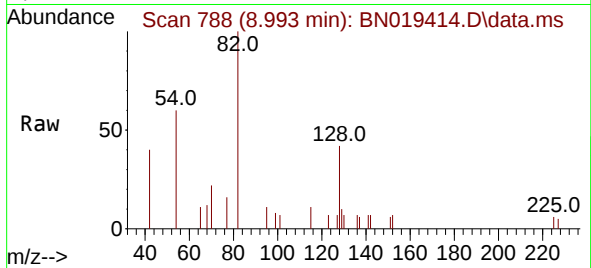




#8
Nitrobenzene-d5
Concen: 0.210 ng
RT: 8.993 min Scan# 787
Delta R.T. 0.011 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

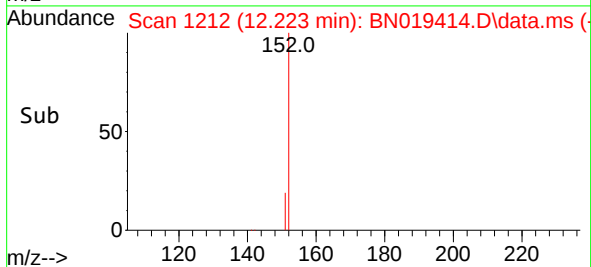
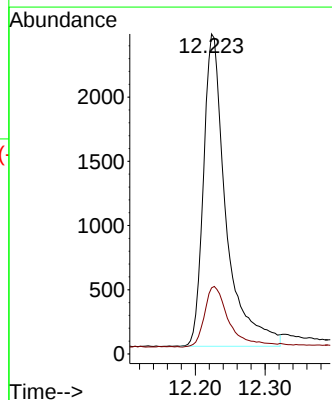
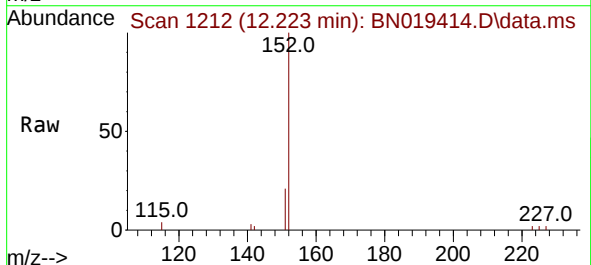
Instrument :
BNA_N
ClientSampleId :
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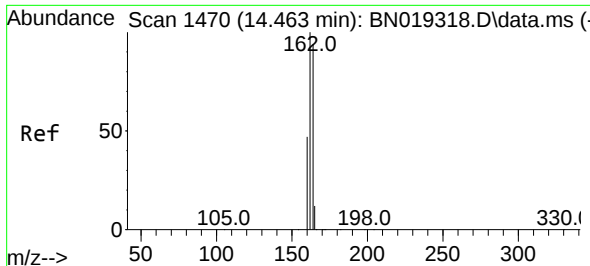
Tgt Ion: 82 Resp: 2377
Ion Ratio Lower Upper
82 100
128 42.0 33.0 49.6
54 59.6 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.250 ng
RT: 12.223 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

Tgt Ion: 152 Resp: 5468
Ion Ratio Lower Upper
152 100
151 21.1 16.5 24.7

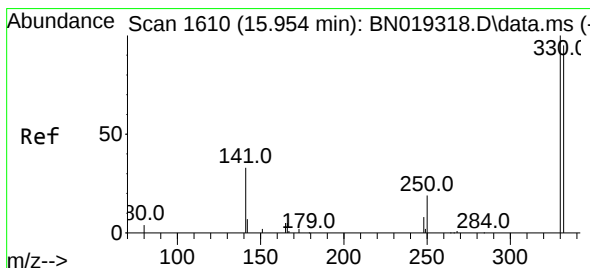
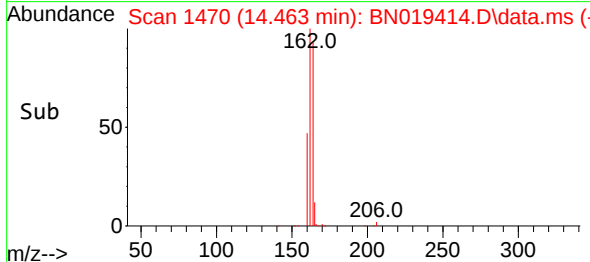
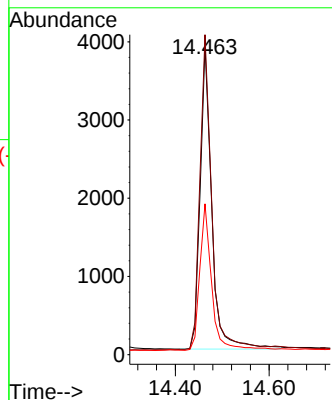
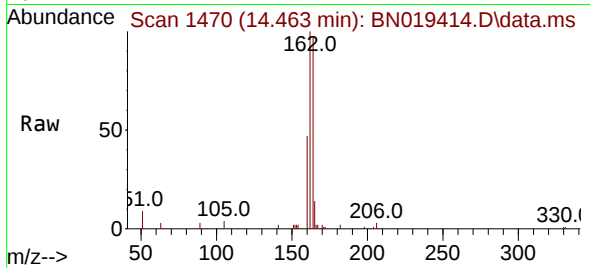




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

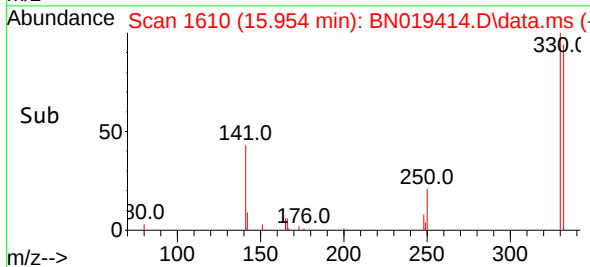
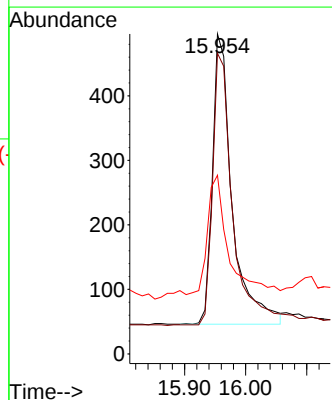
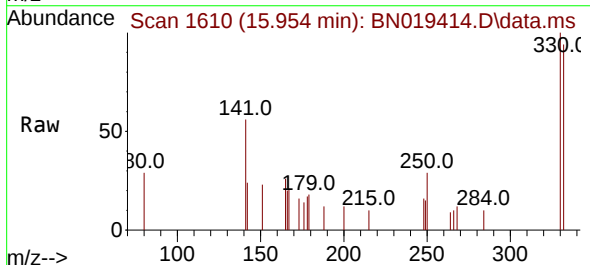
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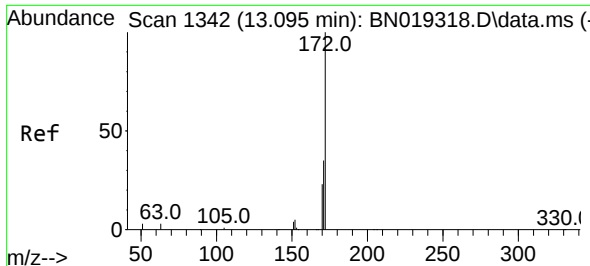
Tgt Ion:164 Resp: 6689
Ion Ratio Lower Upper
164 100
162 103.6 85.2 127.8
160 48.9 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.248 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

Tgt Ion:330 Resp: 1008
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 43.5 32.2 48.2

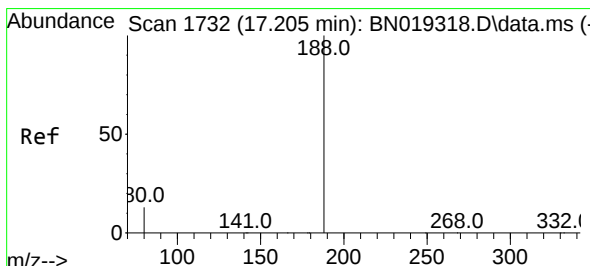
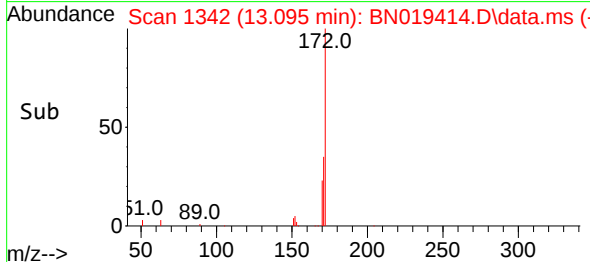
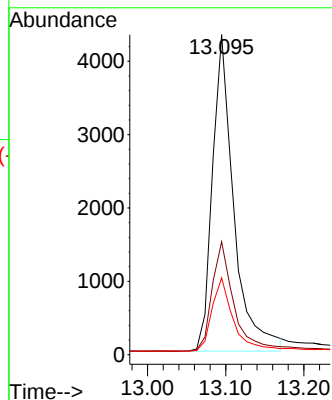
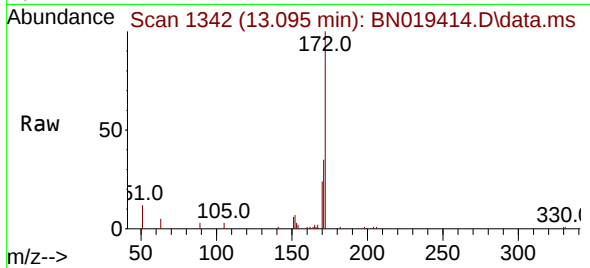




#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.095 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

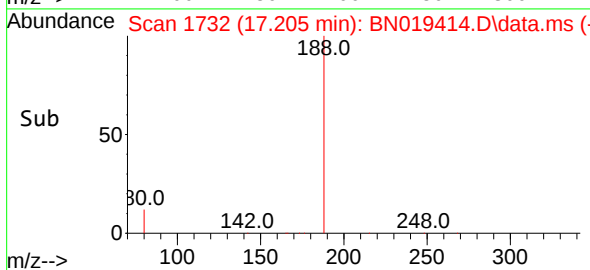
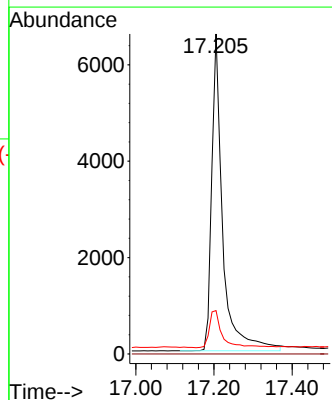
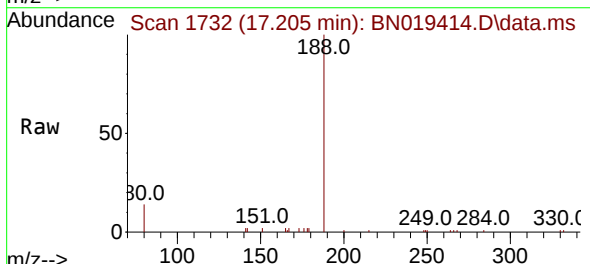
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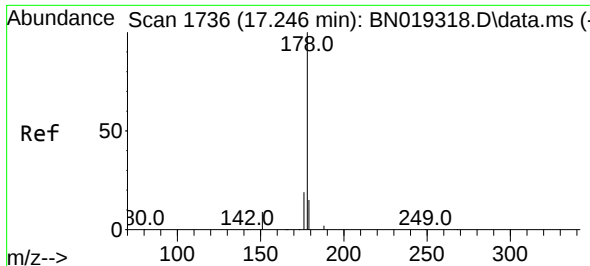
Tgt Ion:172 Resp: 8210
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.0 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

Tgt Ion:188 Resp: 12819
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 11.8 17.8

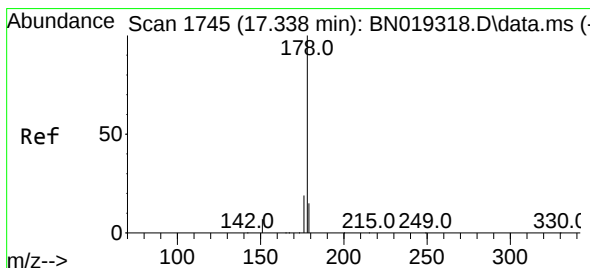
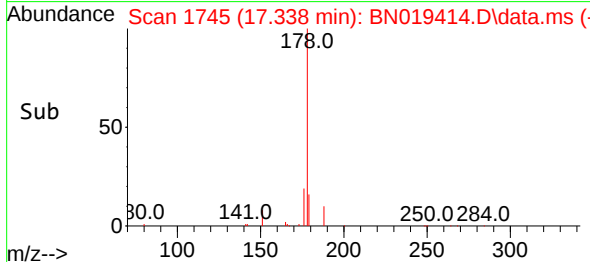
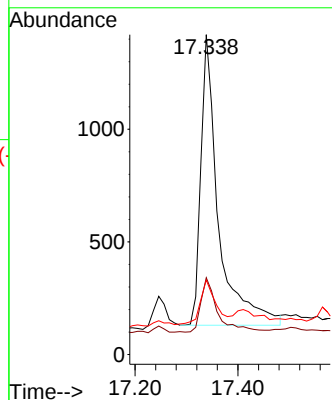
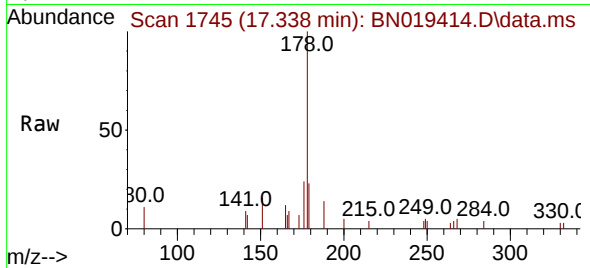




#25
Phenanthrene
Concen: 0.071 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.093 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

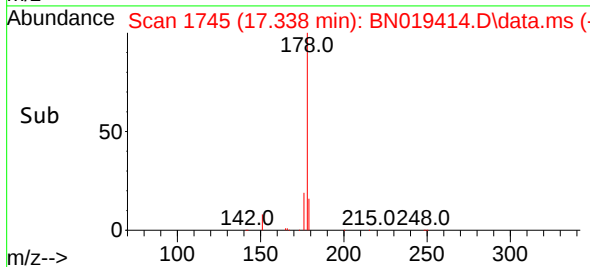
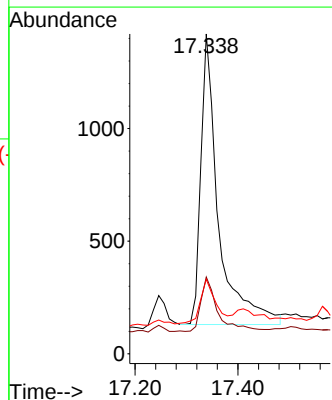
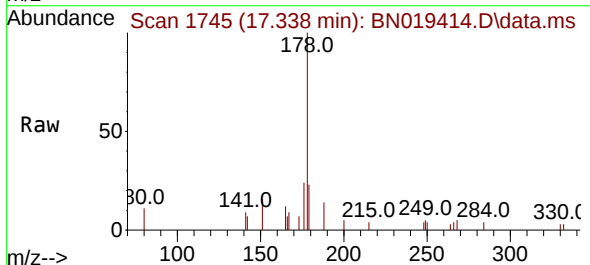
Instrument :
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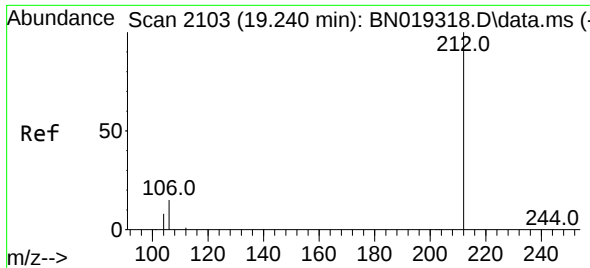
Tgt Ion:178 Resp: 3073
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 12.7 12.2 18.2



#26
Anthracene
Concen: 0.081 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

Tgt Ion:178 Resp: 3073
Ion Ratio Lower Upper
178 100
176 17.7 14.8 22.2
179 13.2 12.2 18.4

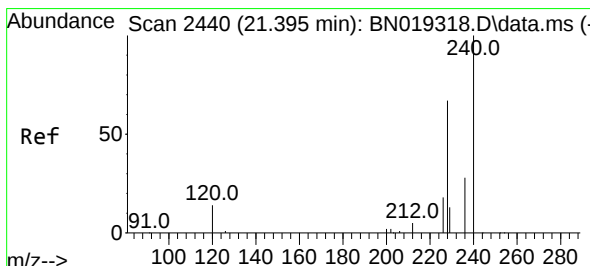
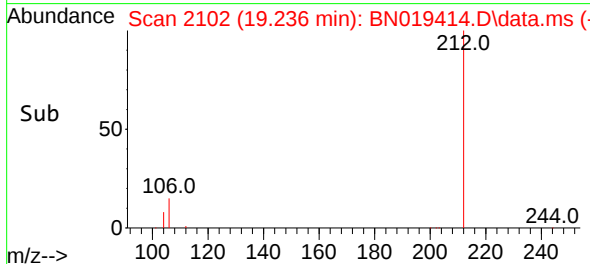
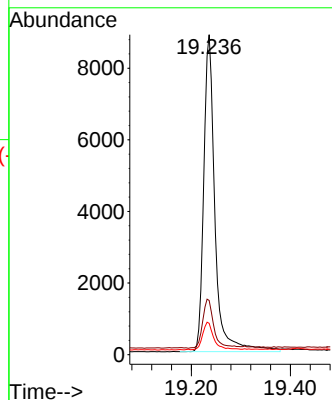
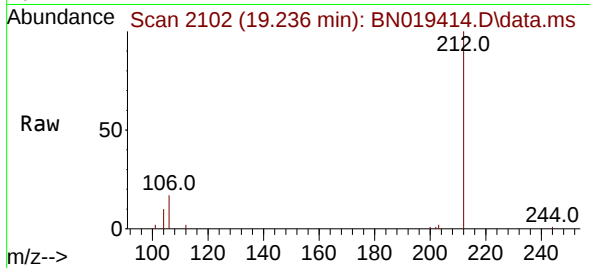




#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.236 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

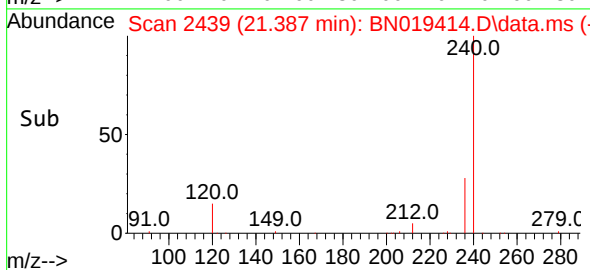
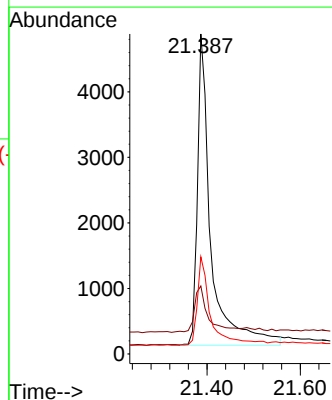
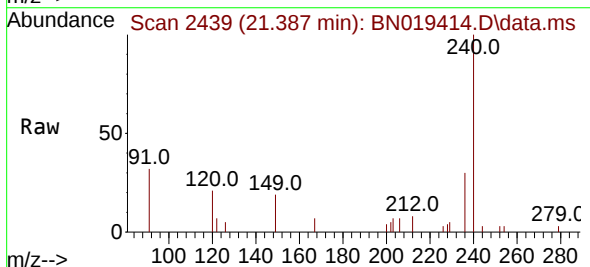
Instrument :
BNA_N
ClientSampleId :
MW-26

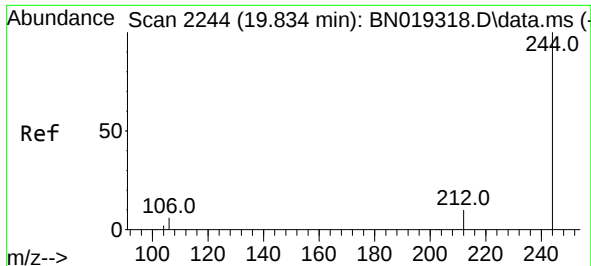
Tgt Ion:212 Resp: 13988
Ion Ratio Lower Upper
212 100
106 15.4 12.7 19.1
104 8.5 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.387 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019414.D
Acq: 11 Apr 2022 16:11

Tgt Ion:240 Resp: 9509
Ion Ratio Lower Upper
240 100
120 21.3 8.5 12.7#
236 30.4 22.4 33.6

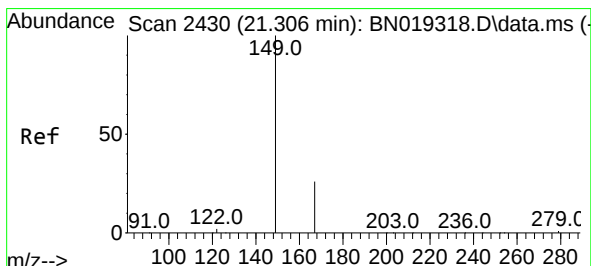
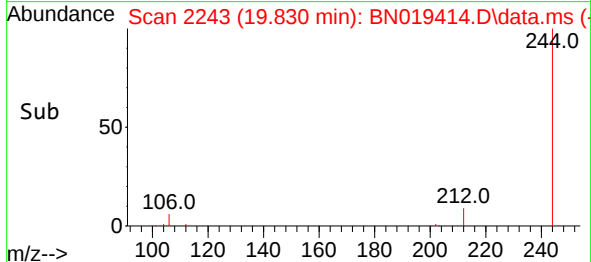
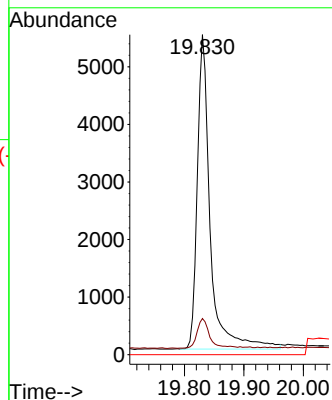
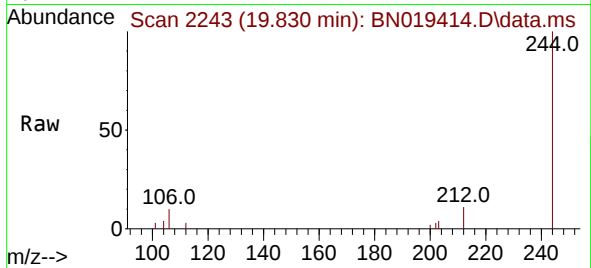




#31
 Terphenyl-d14
 Concen: 0.399 ng
 RT: 19.830 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019414.D
 Acq: 11 Apr 2022 16:11

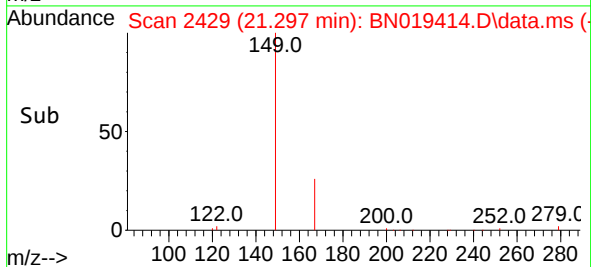
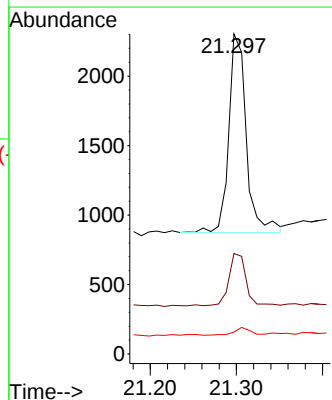
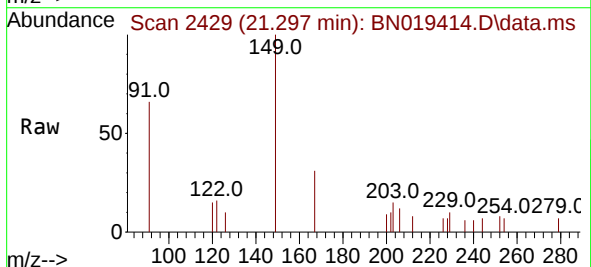
Instrument :
 BNA_N
 ClientSampleId :
 MW-26

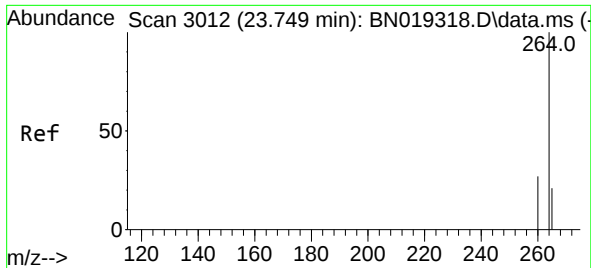
Tgt Ion:244 Resp: 8236
 Ion Ratio Lower Upper
 244 100
 212 11.3 8.2 12.4
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.297 min Scan# 2429
 Delta R.T. -0.009 min
 Lab File: BN019414.D
 Acq: 11 Apr 2022 16:11

Tgt Ion:149 Resp: 2022
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.8 32.8
 279 3.5 2.0 3.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.738 min Scan# 3012
 Delta R.T. -0.011 min
 Lab File: BN019414.D
 Acq: 11 Apr 2022 16:11

Instrument :
 BNA_N
 ClientSampleId :
 MW-26

Tgt Ion:264 Resp: 8673
 Ion Ratio Lower Upper
 264 100
 260 28.6 22.4 33.6
 265 41.8 25.3 37.9#

