

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
 Data File : BN019275.D
 Acq On : 01 Apr 2022 05:07
 Operator : CG/JU
 Sample : N2172-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-12R

Quant Time: Apr 01 06:29:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 12:41:03 2022
 Response via : Initial Calibration

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

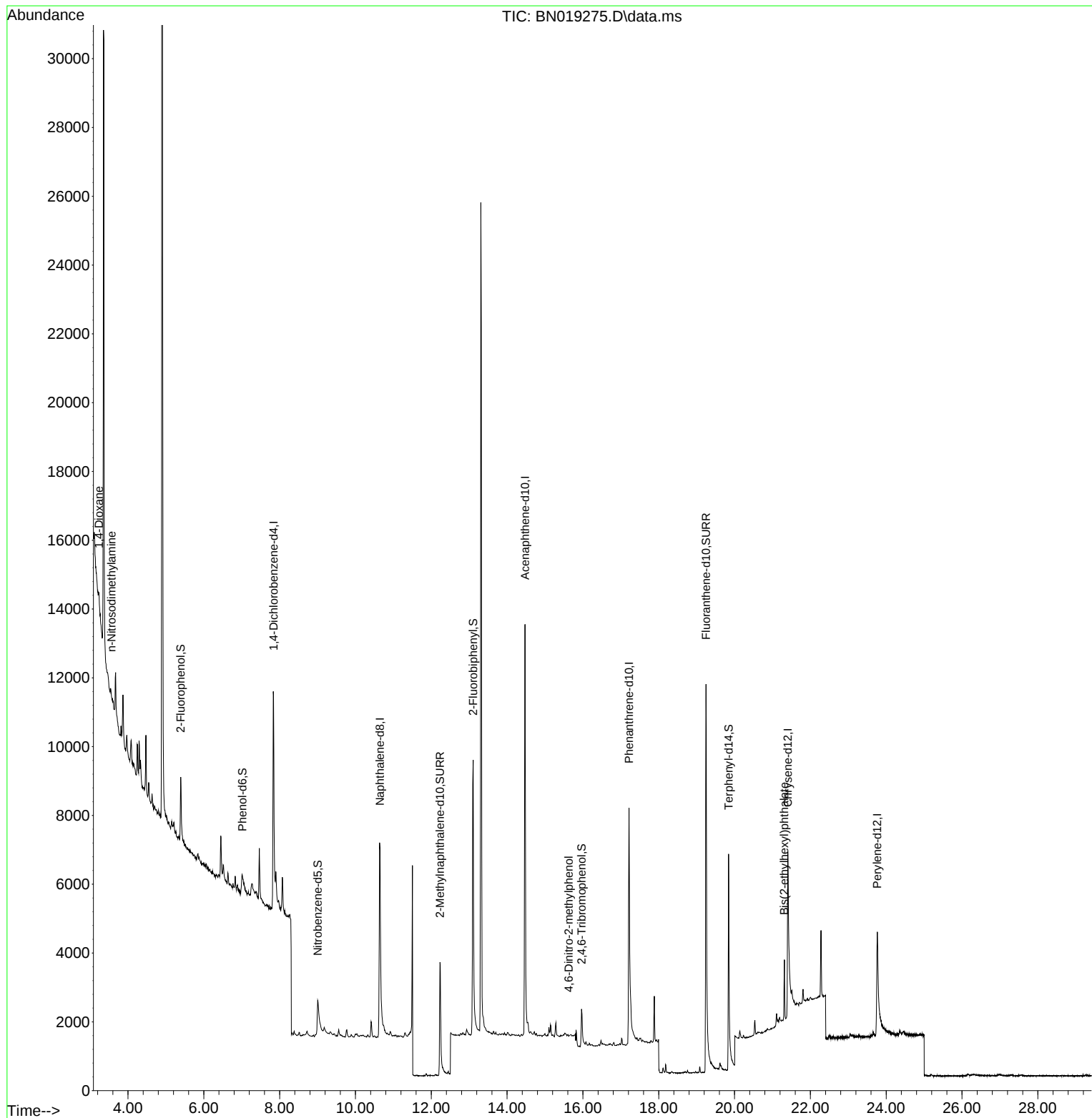
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4192	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11286	0.400	ng	# 0.01
13) Acenaphthene-d10	14.474	164	7301	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	13994	0.400	ng	0.00
29) Chrysene-d12	21.404	240	9604	0.400	ng	# 0.00
35) Perylene-d12	23.764	264	7360	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1863	0.203	ng	0.00
5) Phenol-d6	7.017	99	867	0.089	ng	0.02
8) Nitrobenzene-d5	9.003	82	2020	0.249	ng	0.01
11) 2-Methylnaphthalene-d10	12.231	152	6355	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	916	0.268	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	9043	0.309	ng	0.00
27) Fluoranthene-d10	19.249	212	18060	0.430	ng	0.00
31) Terphenyl-d14	19.843	244	10116	0.474	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.232	88	191	0.034	ng	# 63
3) n-Nitrosodimethylamine	3.564	42	141	0.024	ng	# 7
20) 4,6-Dinitro-2-methylph...	15.628	198	6	0.093	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.315	149	1559	0.078	ng	# 99

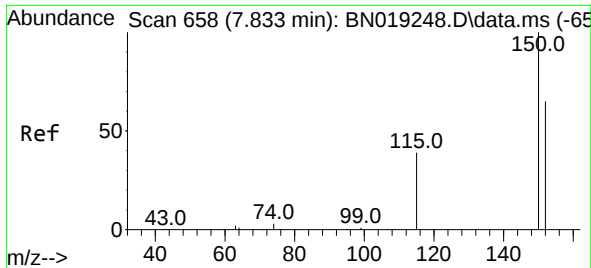
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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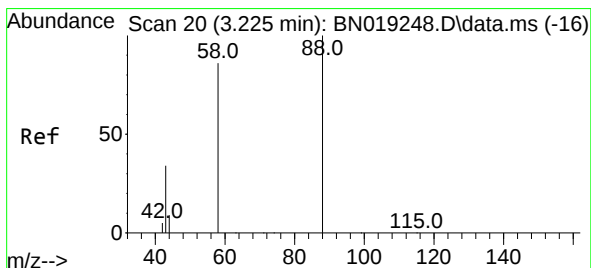
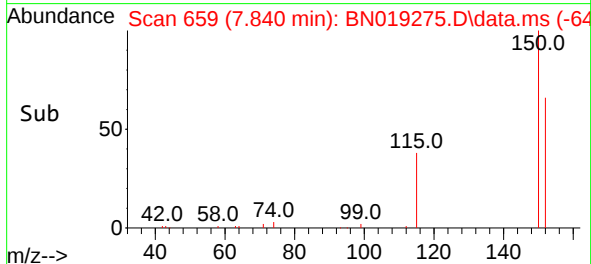
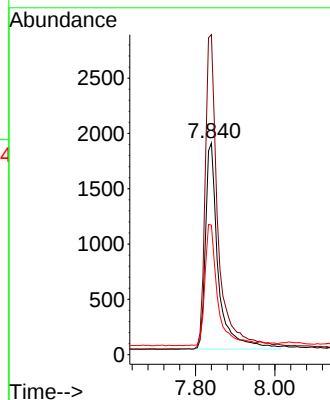
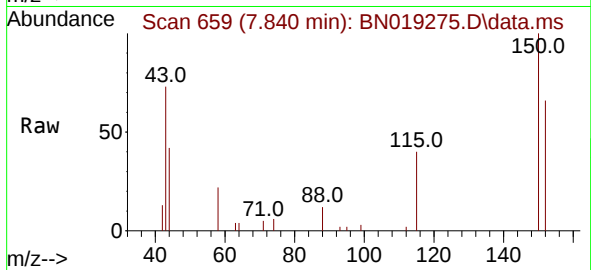




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN019275.D
 Acq: 01 Apr 2022 05:07

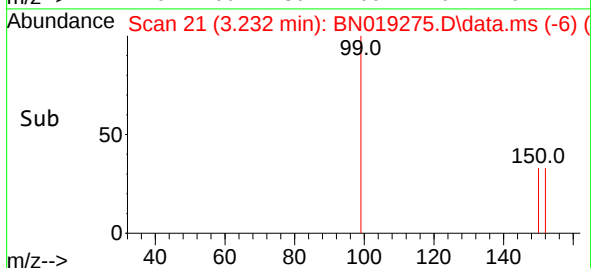
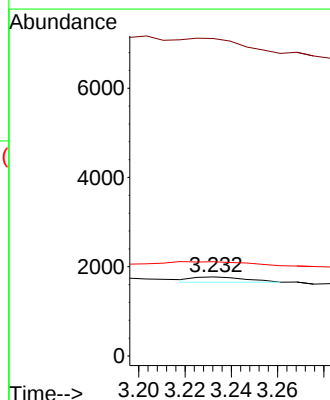
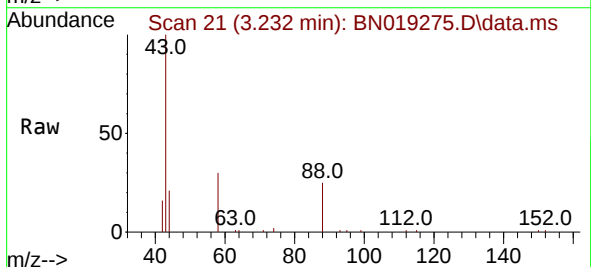
Instrument :
 BNA_N
 ClientSampleId :
 MW-12R

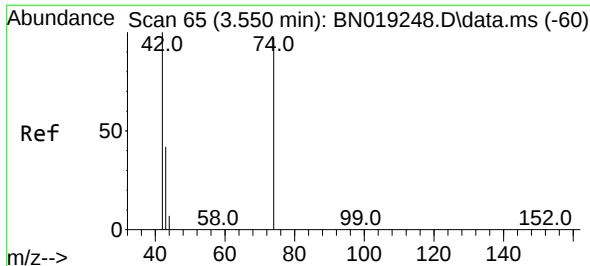
Tgt Ion:152 Resp: 4192
 Ion Ratio Lower Upper
 152 100
 150 151.1 123.9 185.9
 115 61.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.034 ng
 RT: 3.232 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: BN019275.D
 Acq: 01 Apr 2022 05:07

Tgt Ion: 88 Resp: 191
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.6 37.0#
 58 108.9 65.4 98.2#

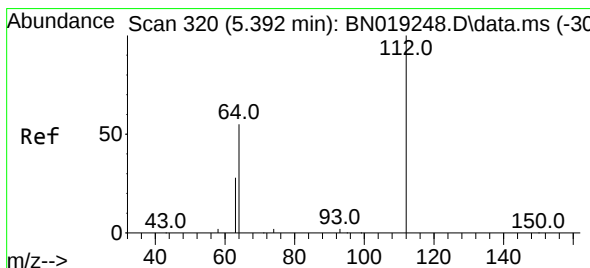
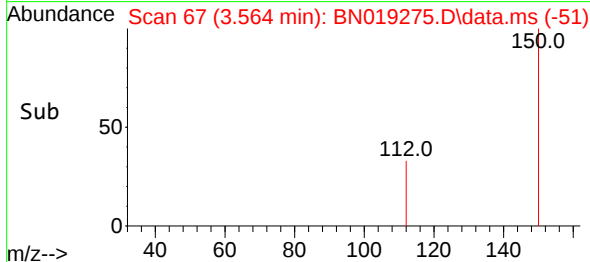
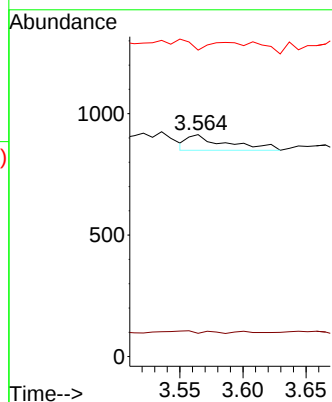
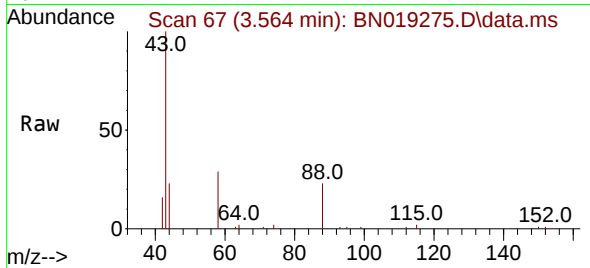




#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.564 min Scan# 61
Delta R.T. 0.014 min
Lab File: BN019275.D
Acq: 01 Apr 2022 05:07

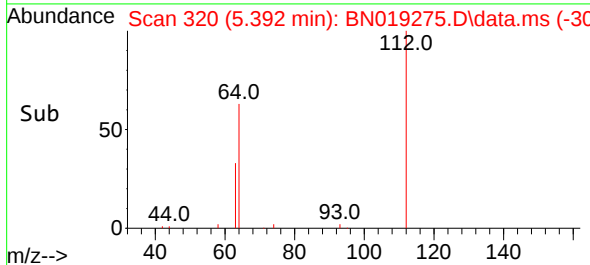
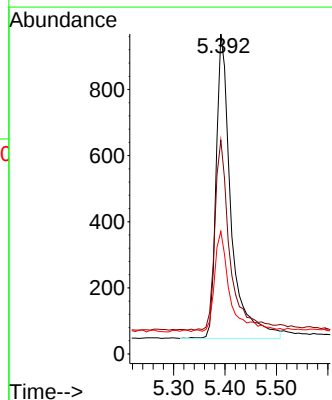
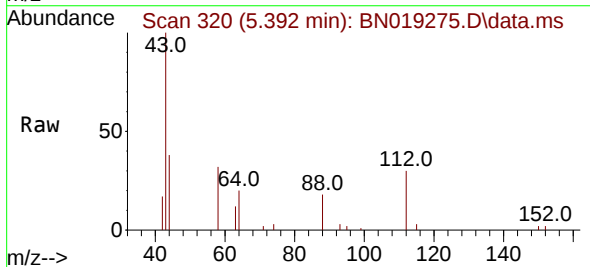
Instrument :
BNA_N
ClientSampleId :
MW-12R

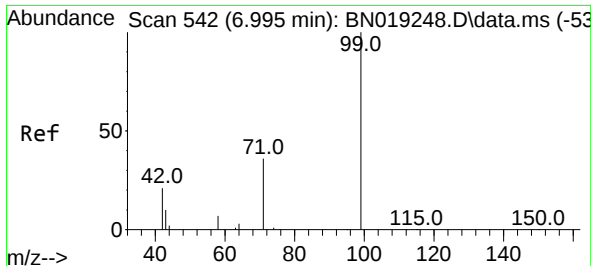
Tgt Ion: 42 Resp: 141
Ion Ratio Lower Upper
42 100
74 11.3 96.9 145.3#
44 0.0 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.392 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN019275.D
Acq: 01 Apr 2022 05:07

Tgt Ion: 112 Resp: 1863
Ion Ratio Lower Upper
112 100
64 63.2 47.8 71.8
63 34.3 25.7 38.5

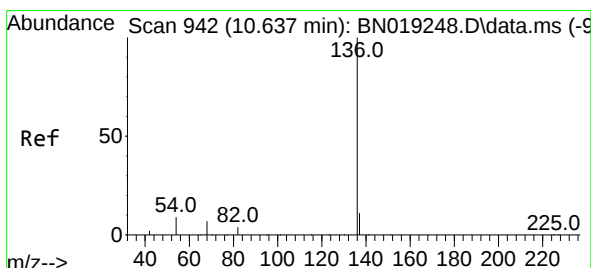
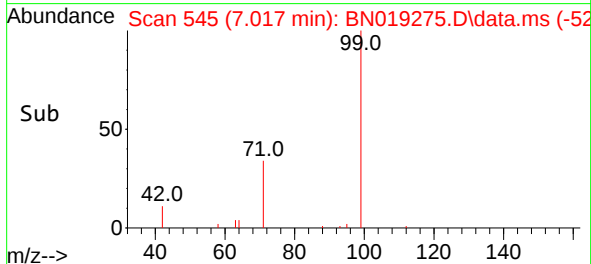
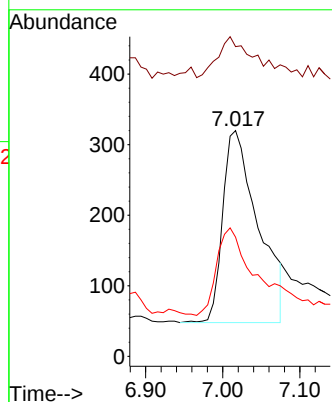
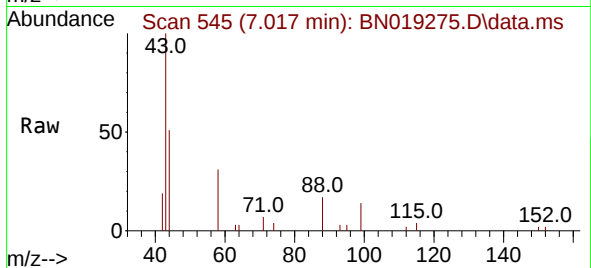




#5
Phenol-d6
Concen: 0.089 ng
RT: 7.017 min Scan# 54
Delta R.T. 0.022 min
Lab File: BN019275.D
Acq: 01 Apr 2022 05:07

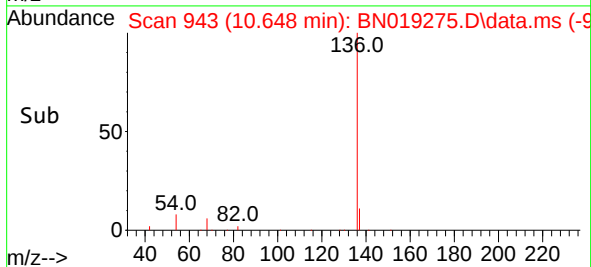
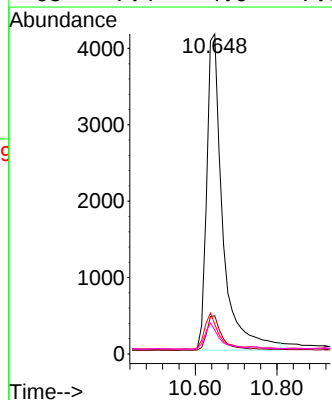
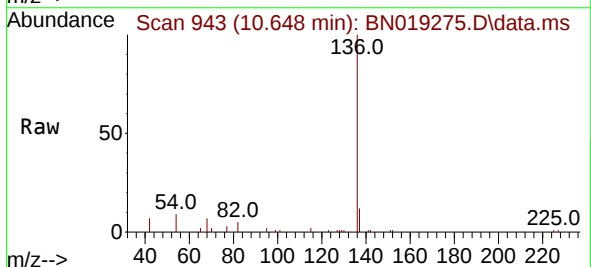
Instrument :
BNA_N
ClientSampleId :
MW-12R

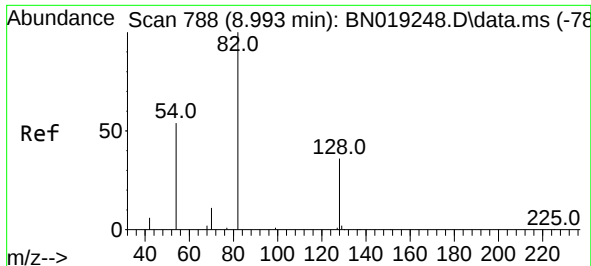
Tgt Ion: 99 Resp: 867
Ion Ratio Lower Upper
99 100
42 20.6 16.2 24.4
71 47.8 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.011 min
Lab File: BN019275.D
Acq: 01 Apr 2022 05:07

Tgt Ion: 136 Resp: 11286
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.4
54 9.3 5.8 8.6#
68 7.4 4.6 7.0#

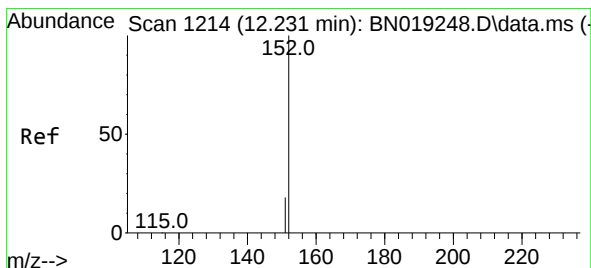
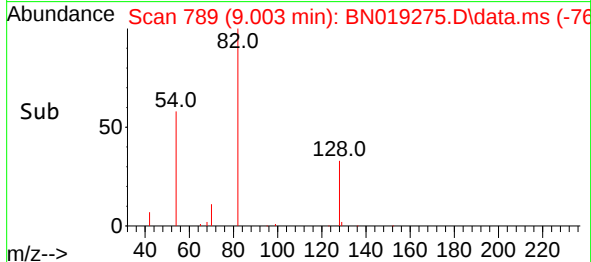
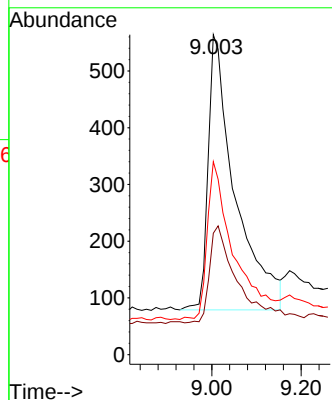
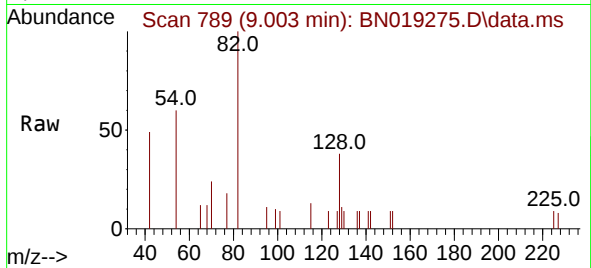




#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.011 min
Lab File: BN019275.D
Acq: 01 Apr 2022 05:07

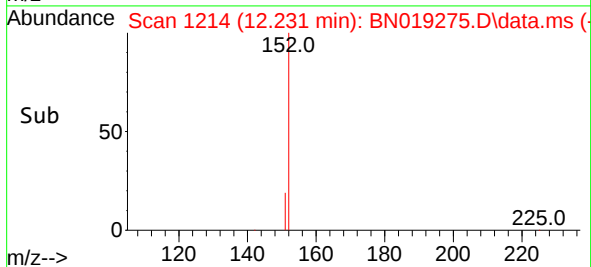
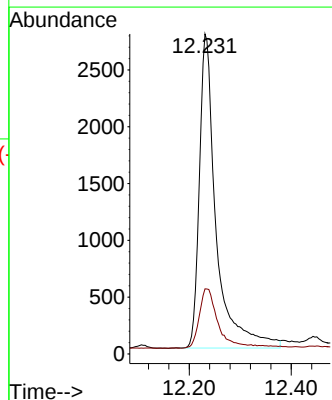
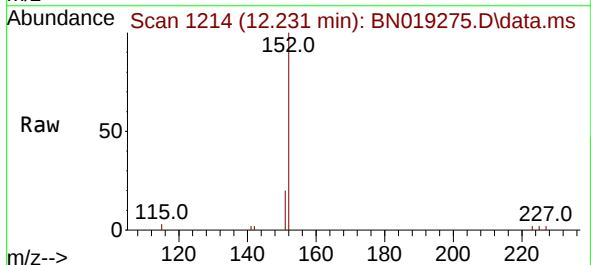
Instrument :
BNA_N
ClientSampleId :
MW-12R

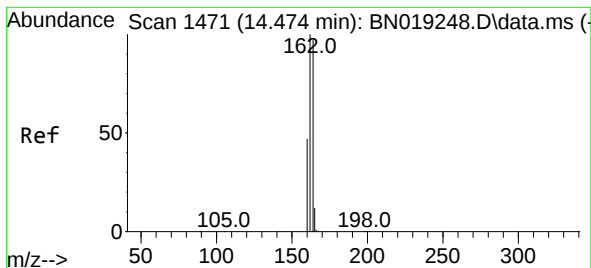
Tgt Ion: 82 Resp: 2020
Ion Ratio Lower Upper
82 100
128 37.9 33.0 49.6
54 60.3 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.231 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BN019275.D
Acq: 01 Apr 2022 05:07

Tgt Ion: 152 Resp: 6355
Ion Ratio Lower Upper
152 100
151 21.3 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.474 min Scan# 1471

Delta R.T. 0.000 min

Lab File: BN019275.D

Acq: 01 Apr 2022 05:07

Instrument :

BNA_N

ClientSampleId :

MW-12R

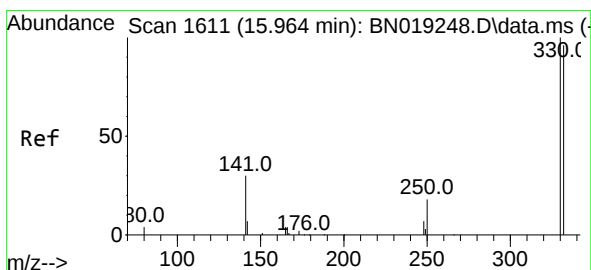
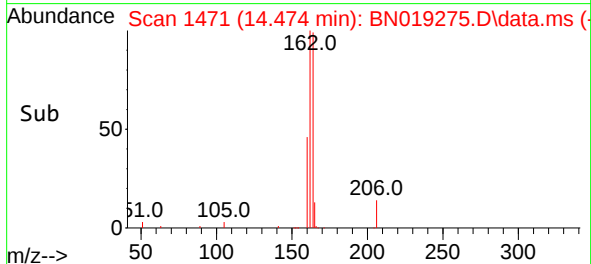
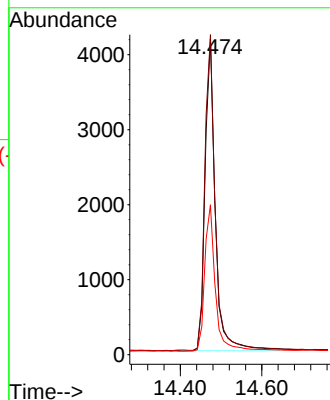
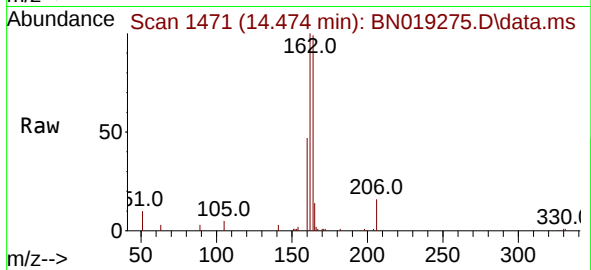
Tgt Ion:164 Resp: 7301

Ion Ratio Lower Upper

164 100

162 101.3 85.2 127.8

160 47.4 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.268 ng

RT: 15.964 min Scan# 1611

Delta R.T. 0.000 min

Lab File: BN019275.D

Acq: 01 Apr 2022 05:07

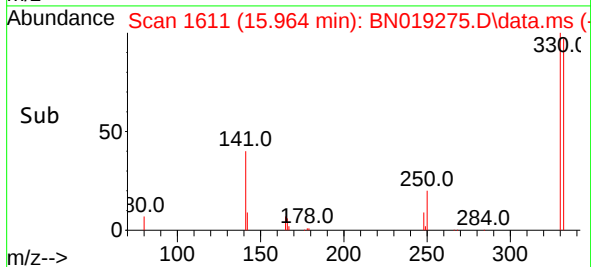
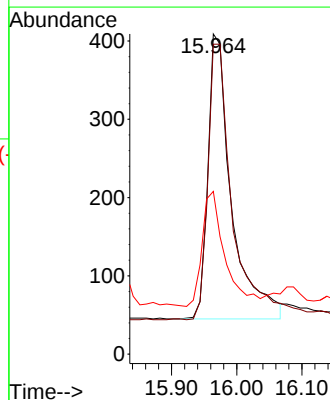
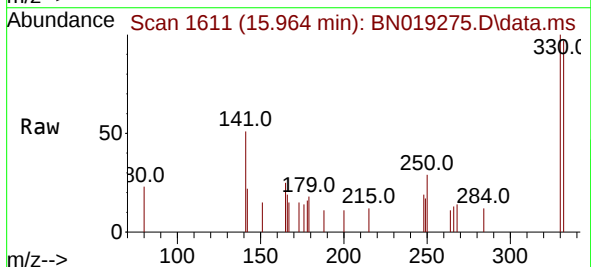
Tgt Ion:330 Resp: 916

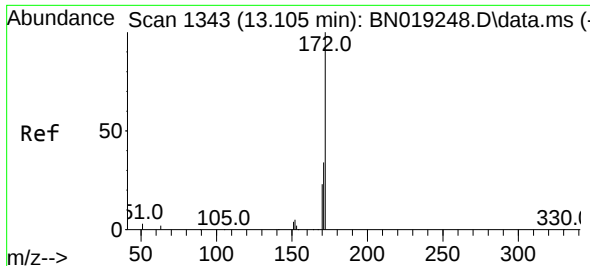
Ion Ratio Lower Upper

330 100

332 100.9 76.8 115.2

141 39.1 32.2 48.2

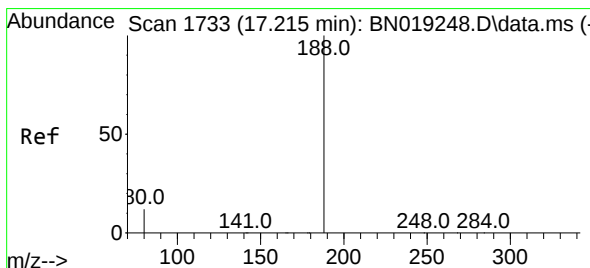
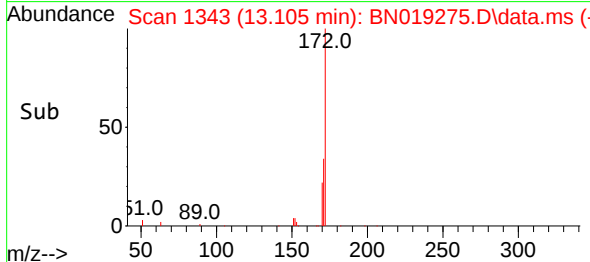
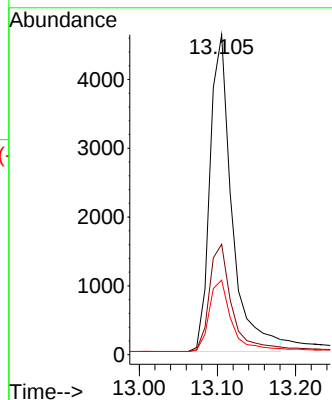
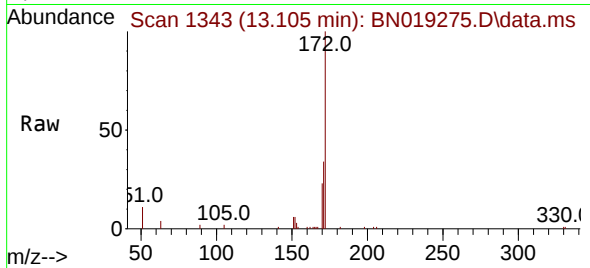




#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN019275.D
Acq: 01 Apr 2022 05:07

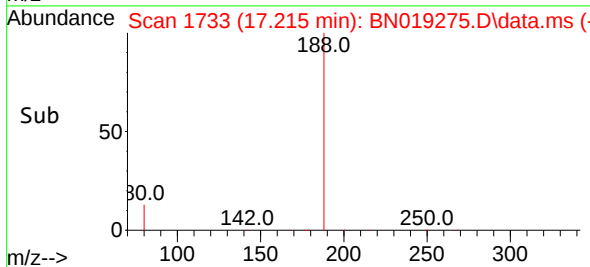
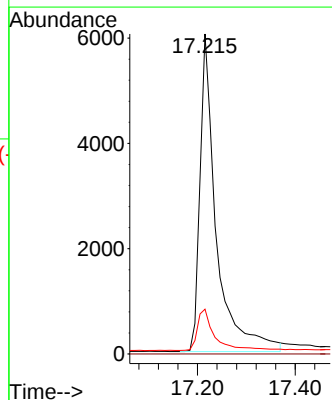
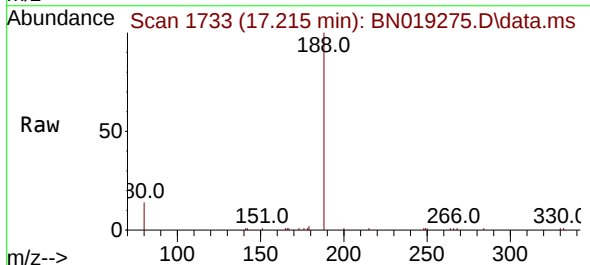
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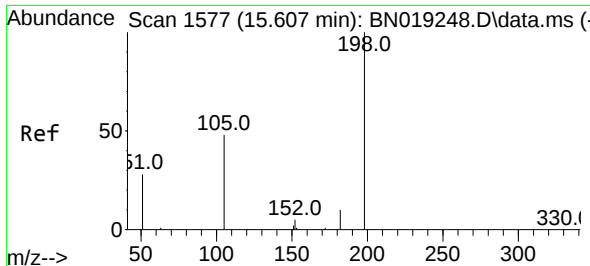
Tgt Ion:172 Resp: 9043
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.3 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019275.D
Acq: 01 Apr 2022 05:07

Tgt Ion:188 Resp: 13994
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 11.8 17.8

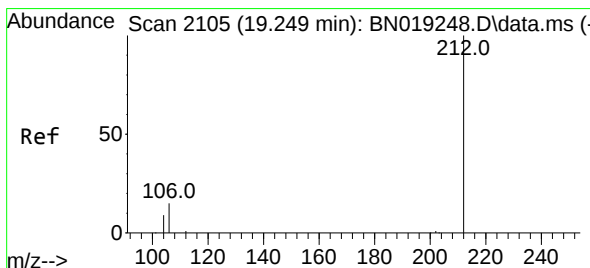
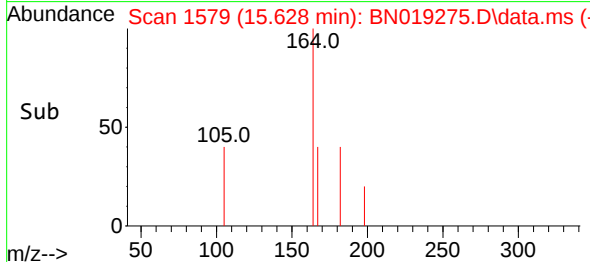
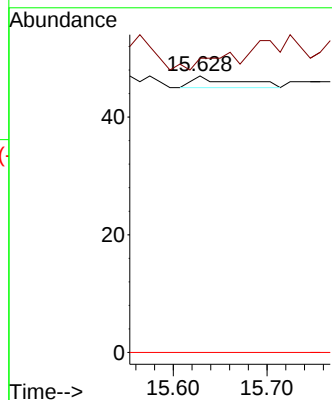
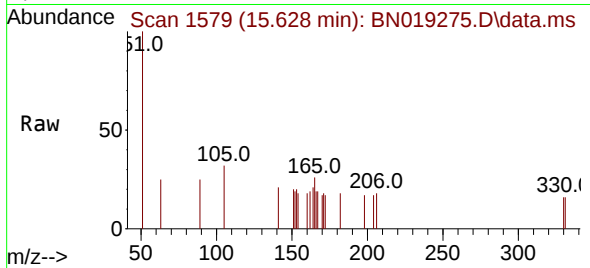




#20
4,6-Dinitro-2-methylphenol
Concen: 0.093 ng
RT: 15.628 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN019275.D
Acq: 01 Apr 2022 05:07

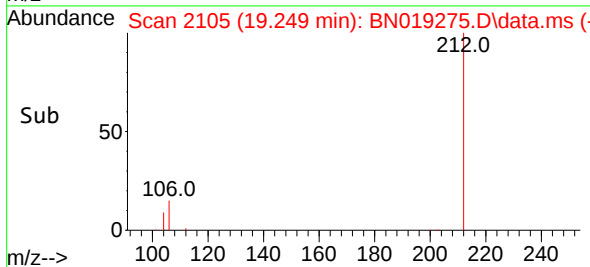
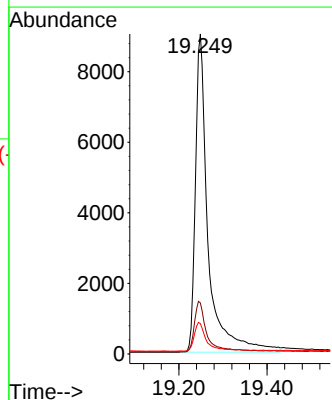
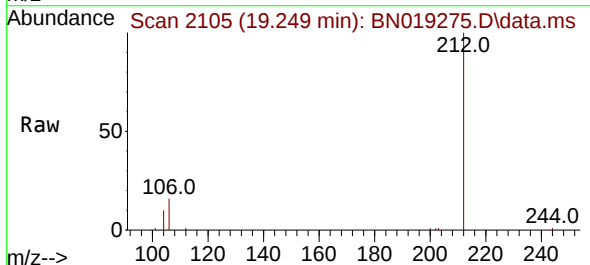
Instrument :
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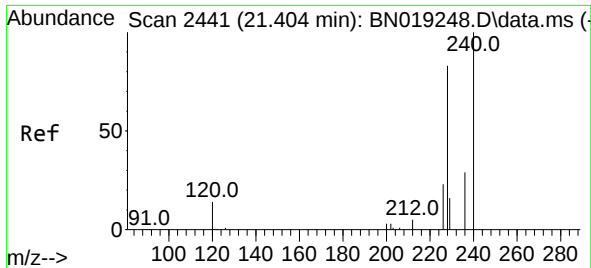
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 106.4 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.249 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN019275.D
Acq: 01 Apr 2022 05:07

Tgt Ion:212 Resp: 18060
Ion Ratio Lower Upper
212 100
106 15.0 12.7 19.1
104 8.7 7.1 10.7

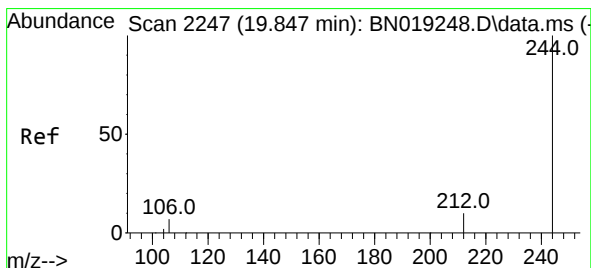
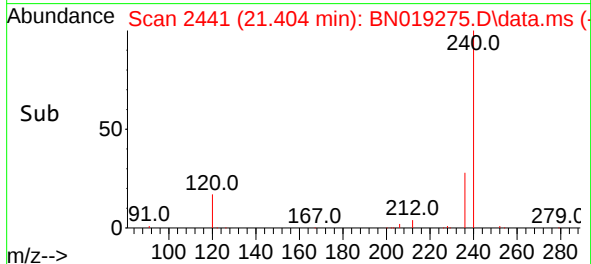
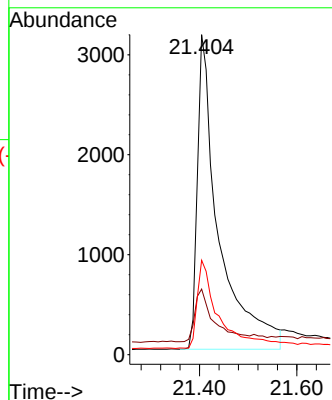
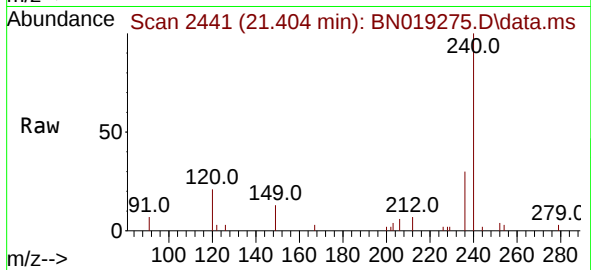




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN019275.D
Acq: 01 Apr 2022 05:07

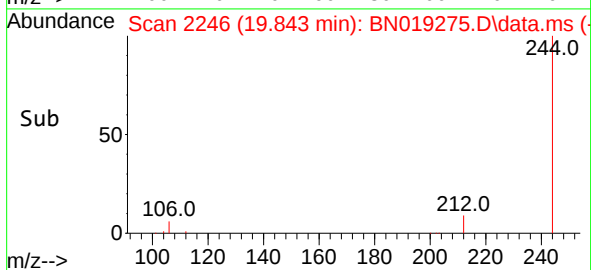
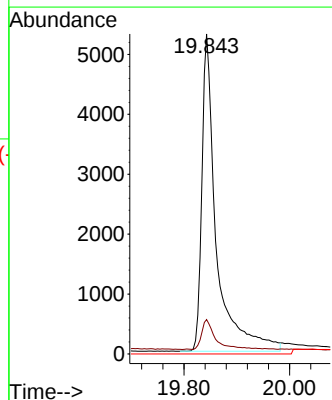
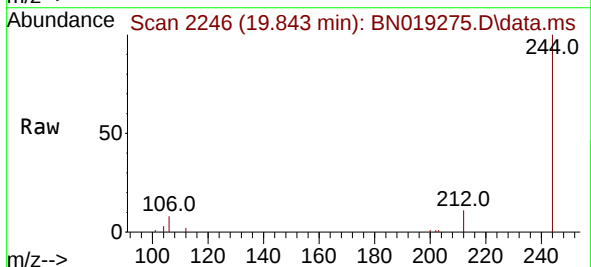
Instrument :
BNA_N
ClientSampleId :
MW-12R

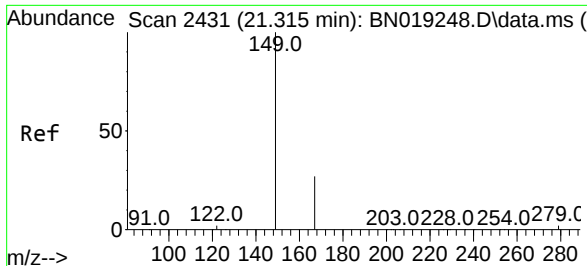
Tgt Ion:240 Resp: 9604
Ion Ratio Lower Upper
240 100
120 20.5 8.5 12.7#
236 29.5 22.4 33.6



#31
Terphenyl-d14
Concen: 0.474 ng
RT: 19.843 min Scan# 2246
Delta R.T. -0.004 min
Lab File: BN019275.D
Acq: 01 Apr 2022 05:07

Tgt Ion:244 Resp: 10116
Ion Ratio Lower Upper
244 100
212 10.8 8.2 12.4
122 0.0 0.0 0.0

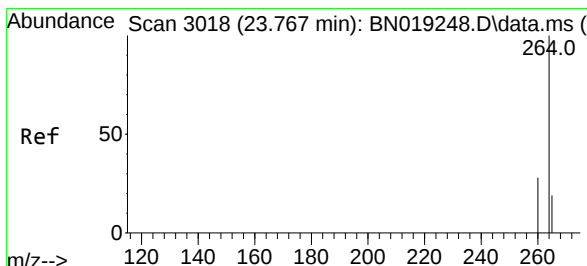
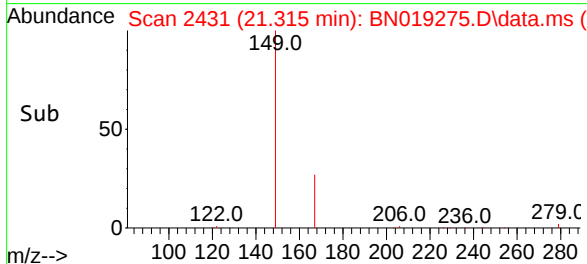
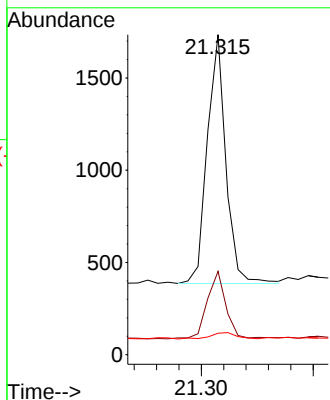
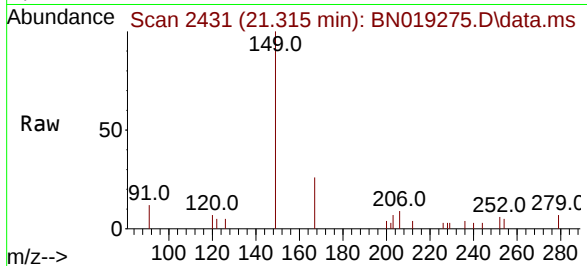




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.078 ng
 RT: 21.315 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN019275.D
 Acq: 01 Apr 2022 05:07

Instrument :
 BNA_N
 ClientSampleId :
 MW-12R

Tgt Ion:149 Resp: 1559
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.8 32.8
 279 3.6 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.764 min Scan# 3017
 Delta R.T. -0.003 min
 Lab File: BN019275.D
 Acq: 01 Apr 2022 05:07

Tgt Ion:264 Resp: 7360
 Ion Ratio Lower Upper
 264 100
 260 27.9 22.4 33.6
 265 54.9 25.3 37.9#

