

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101022\
 Data File : BN022043.D
 Acq On : 10 Oct 2022 17:55
 Operator : CG/JU
 Sample : N5050-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-01-184-204-100622

Quant Time: Oct 11 04:44:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 04:42:07 2022
 Response via : Initial Calibration

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

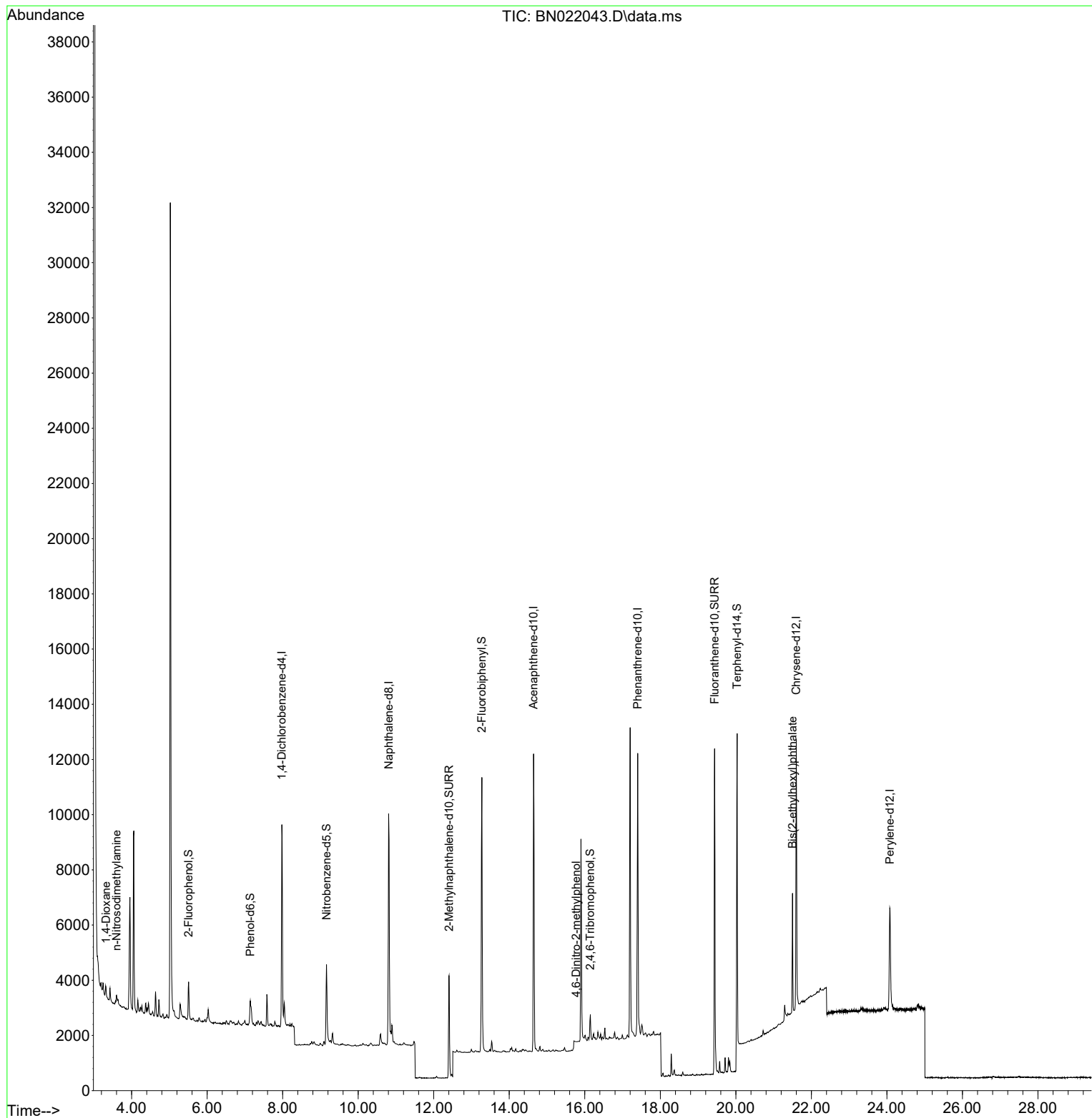
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	3983	0.400	ng	0.00
7) Naphthalene-d8	10.805	136	12382	0.400	ng	# 0.00
13) Acenaphthene-d10	14.643	164	6339	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	12851	0.400	ng	# 0.00
29) Chrysene-d12	21.600	240	8908	0.400	ng	# 0.00
35) Perylene-d12	24.078	264	6012	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.508	112	1290	0.140	ng	0.00
5) Phenol-d6	7.141	99	996	0.083	ng	0.00
8) Nitrobenzene-d5	9.161	82	2973	0.299	ng	0.01
11) 2-Methylnaphthalene-d10	12.402	152	6517	0.286	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	545	0.225	ng	0.00
15) 2-Fluorobiphenyl	13.274	172	9093	0.328	ng	0.00
27) Fluoranthene-d10	19.437	212	12833	0.376	ng	0.00
31) Terphenyl-d14	20.033	244	8198	0.458	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.320	88	125	0.024	ng	# 1
3) n-Nitrosodimethylamine	3.602	42	143	0.026	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.774	198	1	0.192	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.501	149	3996	0.249	ng	99

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

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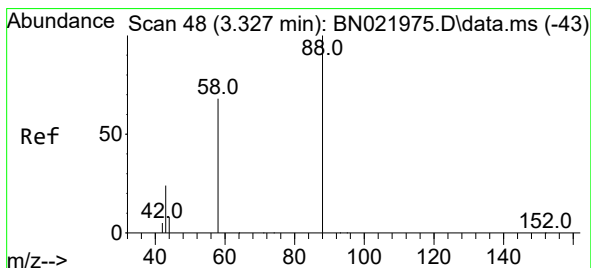
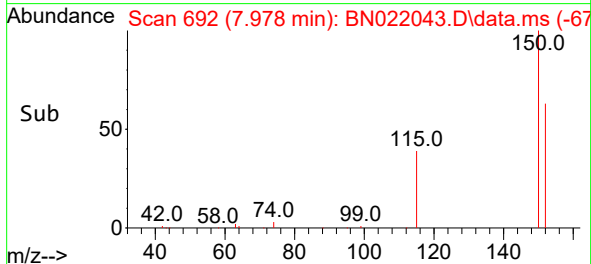
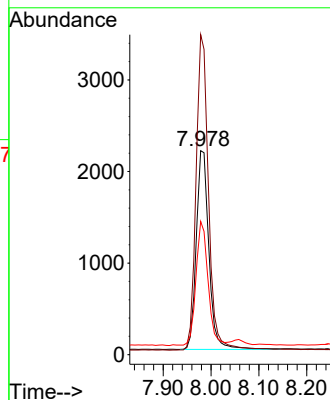
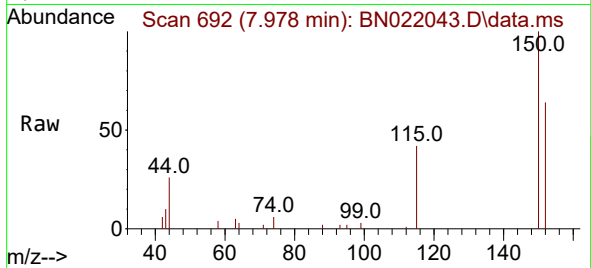




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.978 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: BN022043.D
 Acq: 10 Oct 2022 17:55

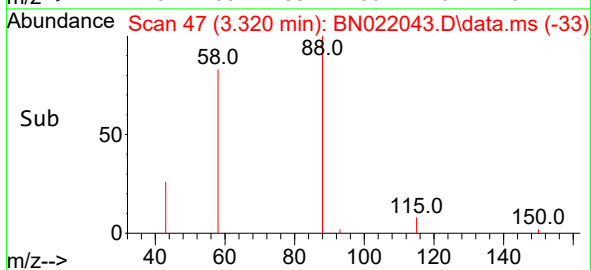
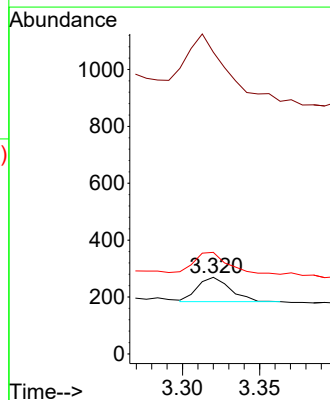
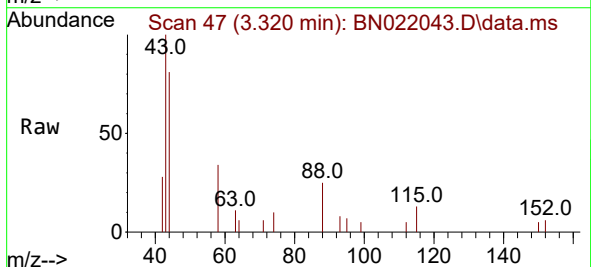
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-01-184-204-100622

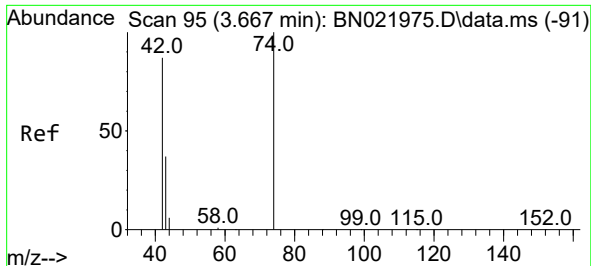
Tgt Ion:152 Resp: 3983
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.2 190.8
 115 65.3 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.024 ng
 RT: 3.320 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: BN022043.D
 Acq: 10 Oct 2022 17:55

Tgt Ion: 88 Resp: 125
 Ion Ratio Lower Upper
 88 100
 43 342.4 22.6 34.0#
 58 96.0 58.6 88.0#

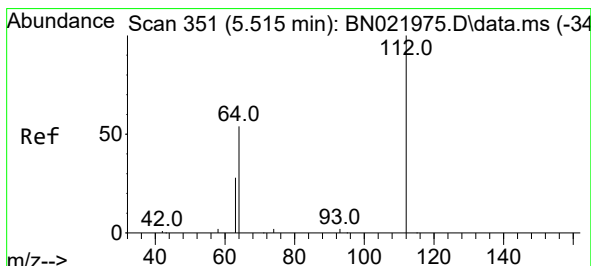
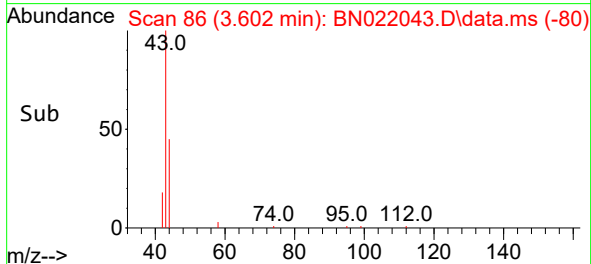
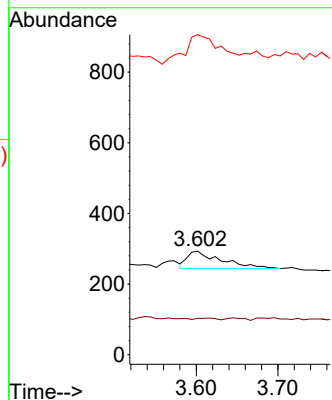
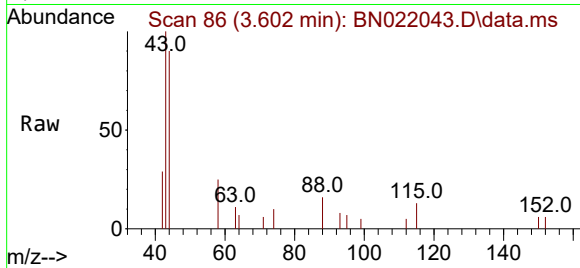




#3
 n-Nitrosodimethylamine
 Concen: 0.026 ng
 RT: 3.602 min Scan# 80
 Delta R.T. -0.058 min
 Lab File: BN022043.D
 Acq: 10 Oct 2022 17:55

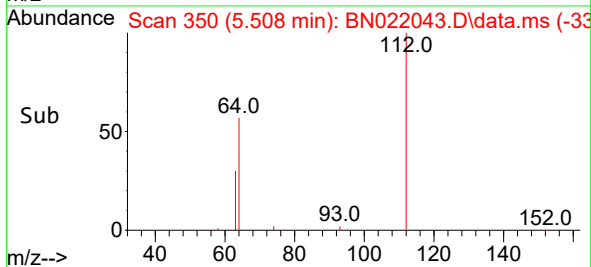
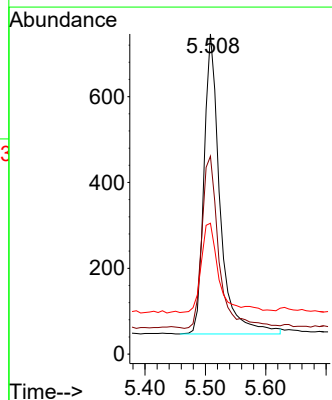
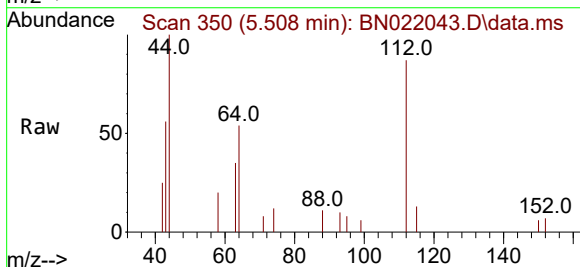
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-01-184-204-100622

Tgt Ion: 42 Resp: 143
 Ion Ratio Lower Upper
 42 100
 74 4.9 101.6 152.4#
 44 82.5 10.4 15.6#



#4
 2-Fluorophenol
 Concen: 0.140 ng
 RT: 5.508 min Scan# 350
 Delta R.T. 0.007 min
 Lab File: BN022043.D
 Acq: 10 Oct 2022 17:55

Tgt Ion: 112 Resp: 1290
 Ion Ratio Lower Upper
 112 100
 64 61.5 46.9 70.3
 63 33.3 24.6 37.0

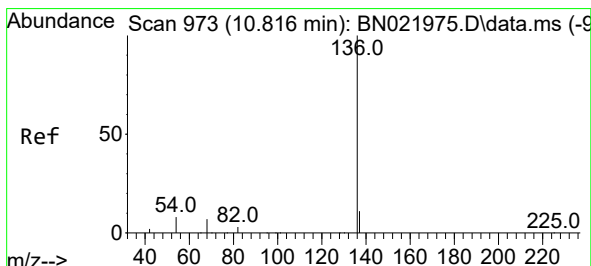
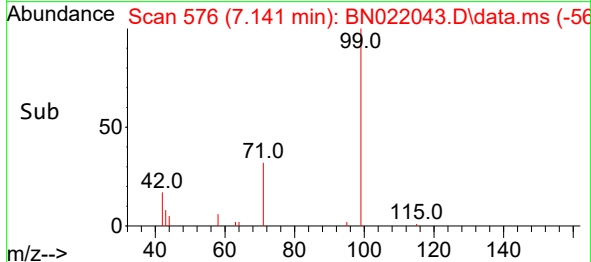
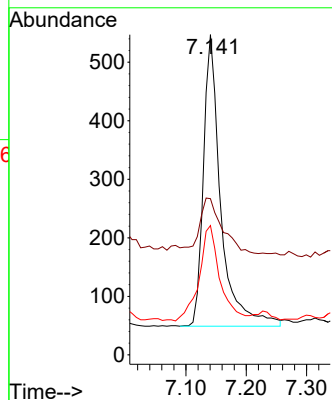
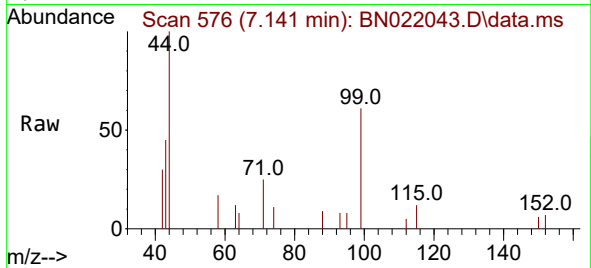




#5
Phenol-d6
Concen: 0.083 ng
RT: 7.141 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022043.D
Acq: 10 Oct 2022 17:55

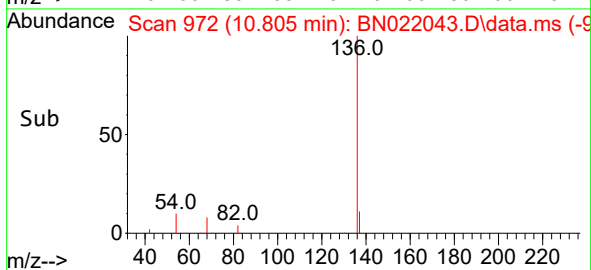
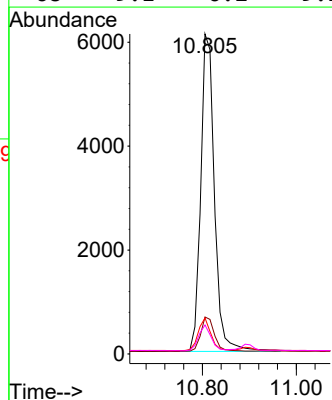
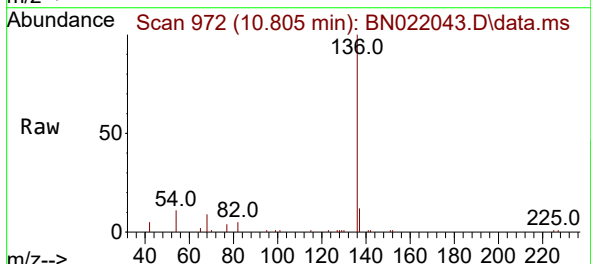
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-184-204-100622

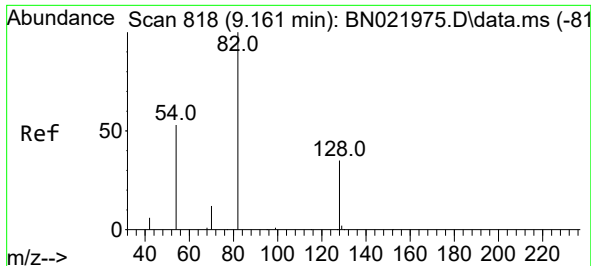
Tgt Ion: 99 Resp: 996
Ion Ratio Lower Upper
99 100
42 25.9 15.9 23.9#
71 37.9 25.6 38.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.805 min Scan# 972
Delta R.T. 0.000 min
Lab File: BN022043.D
Acq: 10 Oct 2022 17:55

Tgt Ion: 136 Resp: 12382
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 11.2 7.1 10.7#
68 9.1 6.2 9.2

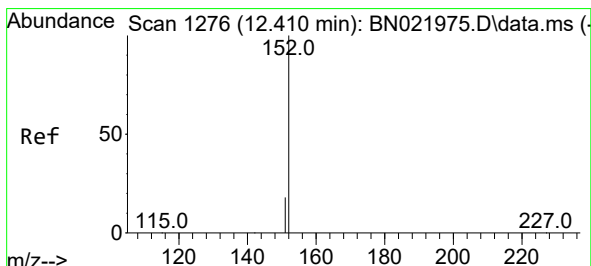
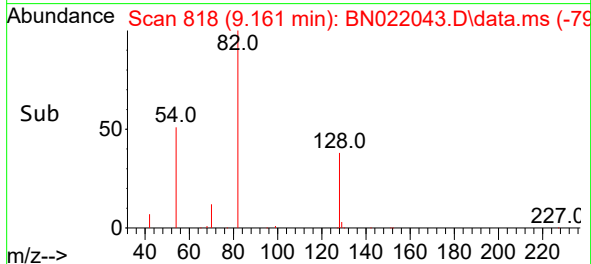
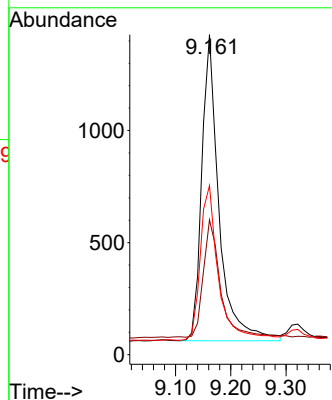
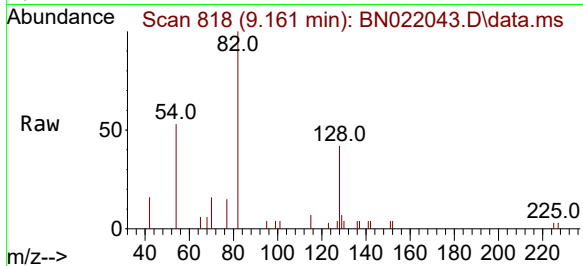




#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 9.161 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN022043.D
Acq: 10 Oct 2022 17:55

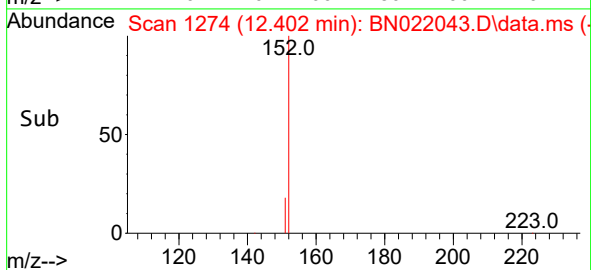
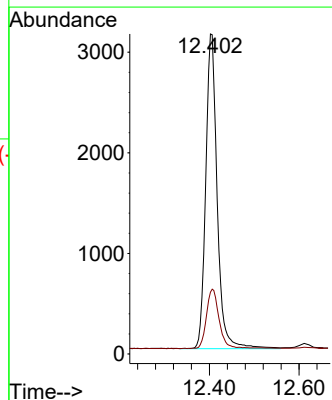
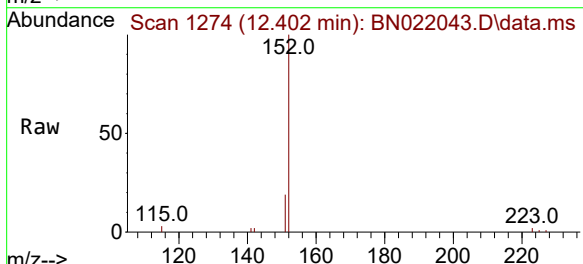
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-184-204-100622

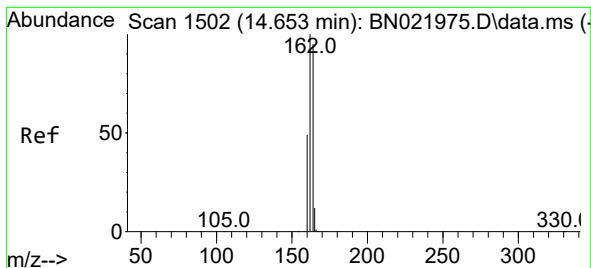
Tgt Ion: 82 Resp: 2973
Ion Ratio Lower Upper
82 100
128 42.2 29.9 44.9
54 52.9 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.402 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN022043.D
Acq: 10 Oct 2022 17:55

Tgt Ion: 152 Resp: 6517
Ion Ratio Lower Upper
152 100
151 17.6 13.8 20.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.643 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BN022043.D

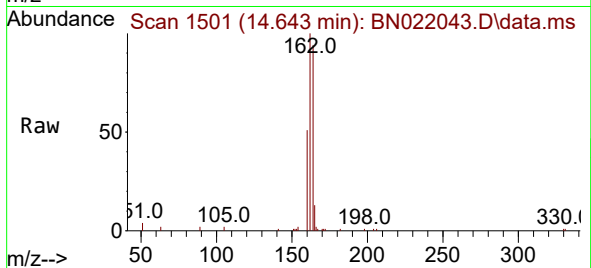
Acq: 10 Oct 2022 17:55

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-01-184-204-100622



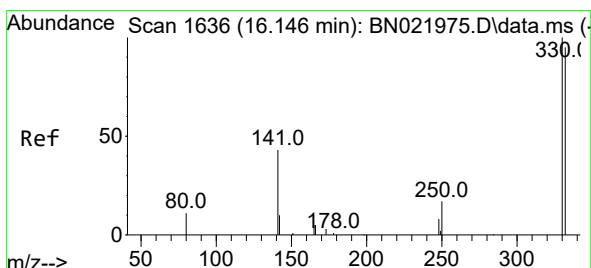
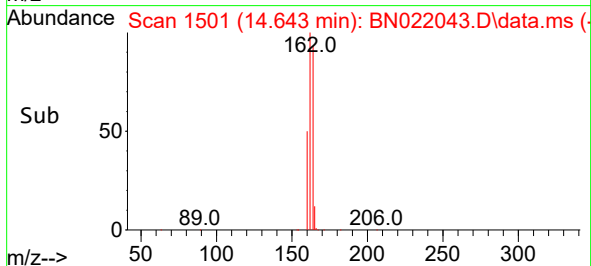
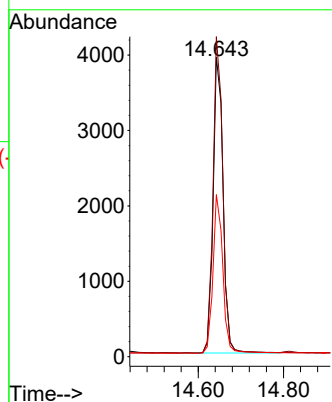
Tgt Ion:164 Resp: 6339

Ion Ratio Lower Upper

164 100

162 106.8 84.3 126.5

160 54.1 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.225 ng

RT: 16.146 min Scan# 1636

Delta R.T. 0.000 min

Lab File: BN022043.D

Acq: 10 Oct 2022 17:55

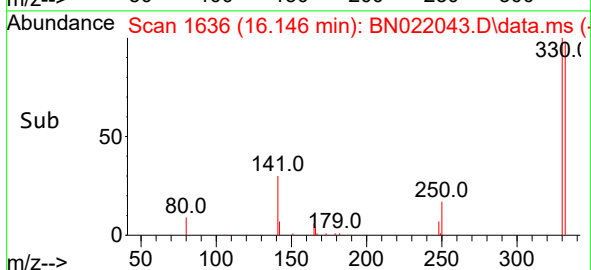
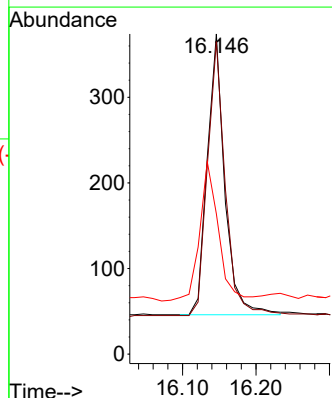
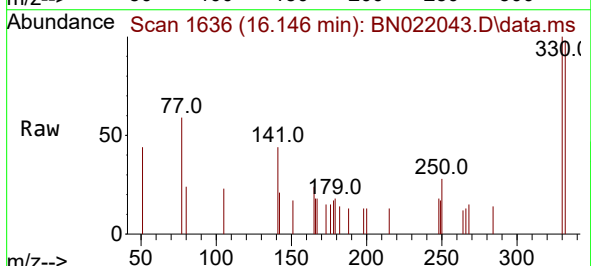
Tgt Ion:330 Resp: 545

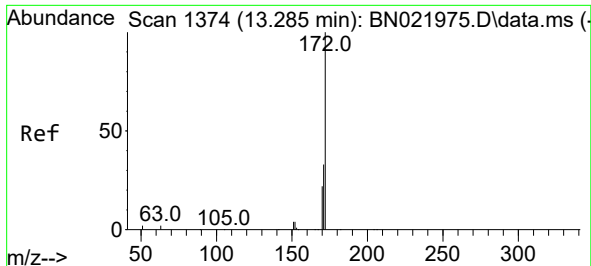
Ion Ratio Lower Upper

330 100

332 99.3 77.0 115.4

141 53.0 35.3 52.9#

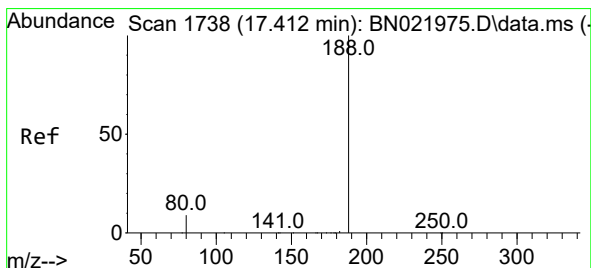
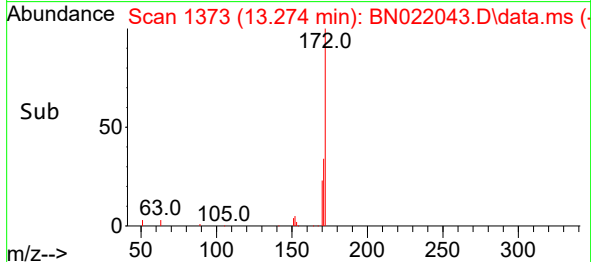
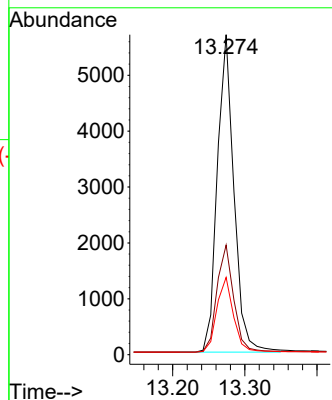
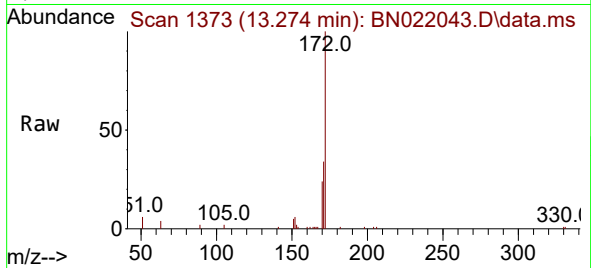




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022043.D
Acq: 10 Oct 2022 17:55

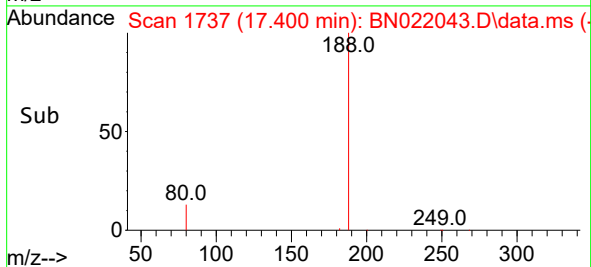
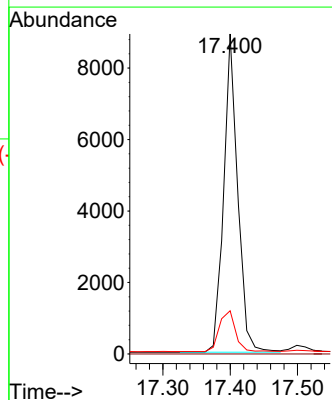
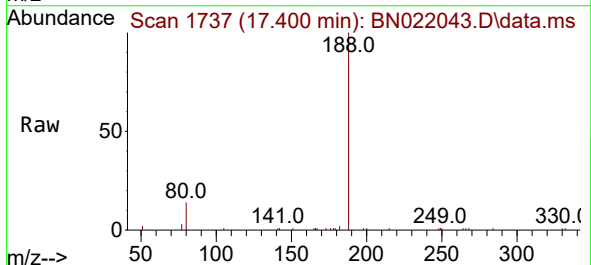
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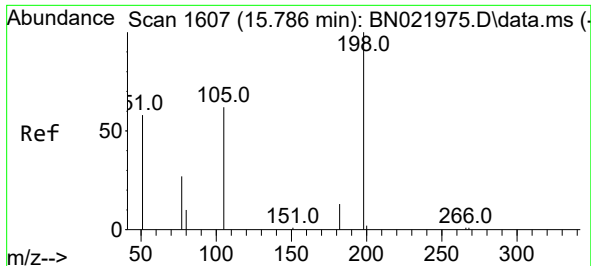
Tgt Ion:172 Resp: 9093
Ion Ratio Lower Upper
172 100
171 34.3 27.2 40.8
170 24.1 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN022043.D
Acq: 10 Oct 2022 17:55

Tgt Ion:188 Resp: 12851
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 7.5 11.3#

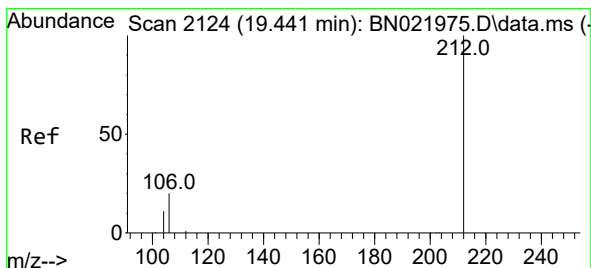
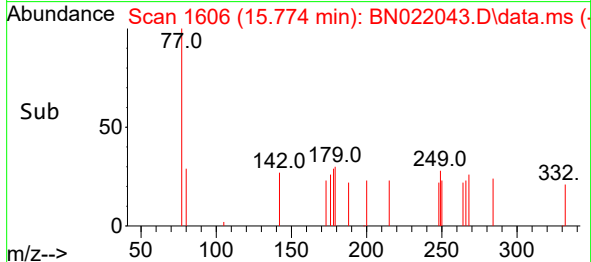
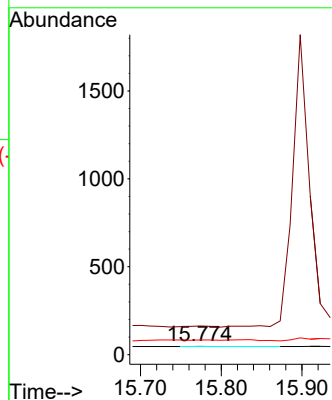
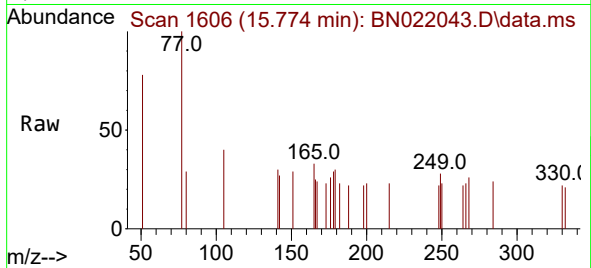




#20
4,6-Dinitro-2-methylphenol
Concen: 0.192 ng
RT: 15.774 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN022043.D
Acq: 10 Oct 2022 17:55

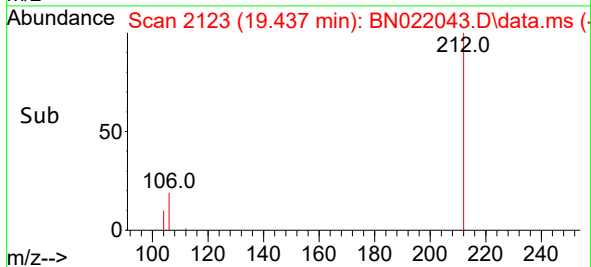
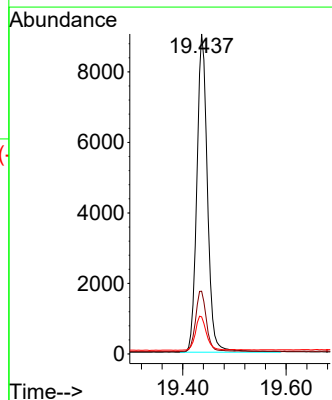
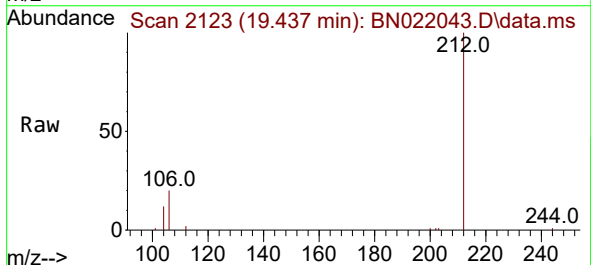
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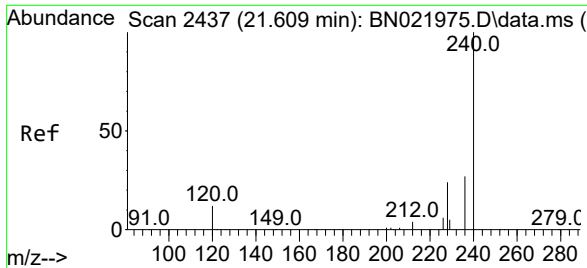
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 346.8 96.6 144.8#
105 176.6 64.4 96.6#



#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.437 min Scan# 2123
Delta R.T. -0.004 min
Lab File: BN022043.D
Acq: 10 Oct 2022 17:55

Tgt Ion:212 Resp: 12833
Ion Ratio Lower Upper
212 100
106 19.6 15.2 22.8
104 11.2 8.6 13.0

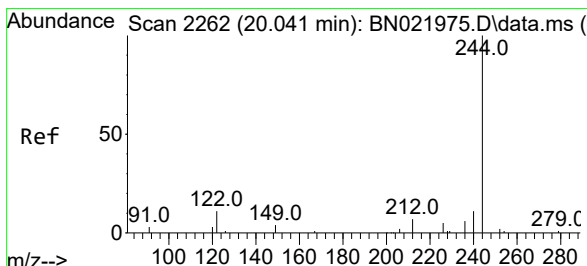
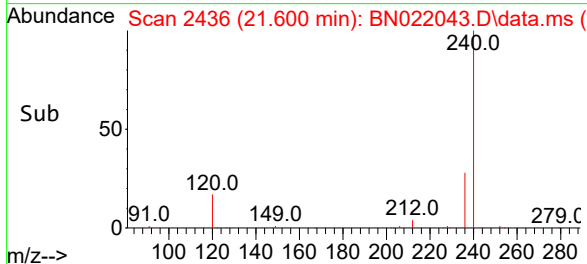
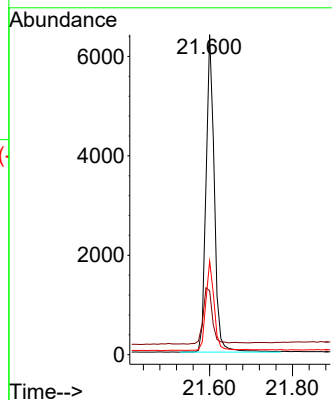
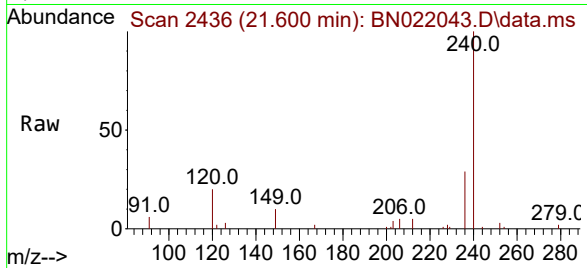




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.600 min Scan# 2437
Delta R.T. -0.009 min
Lab File: BN022043.D
Acq: 10 Oct 2022 17:55

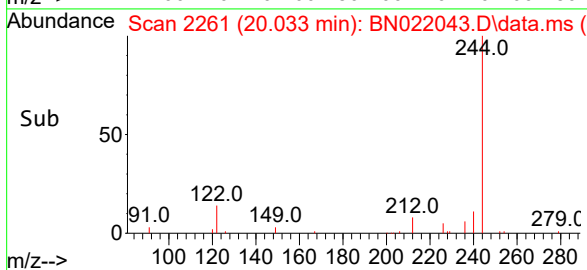
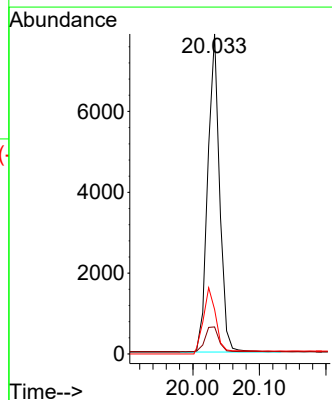
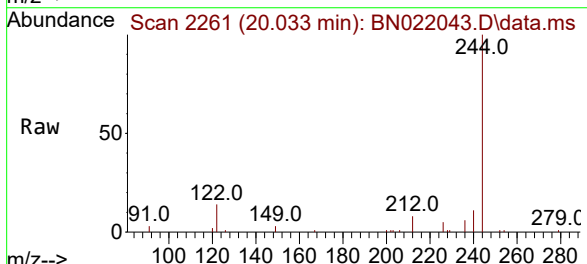
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-184-204-100622

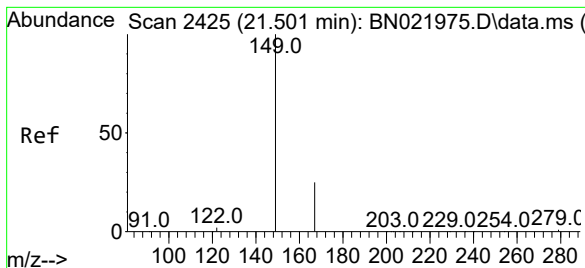
Tgt Ion:240 Resp: 8908
Ion Ratio Lower Upper
240 100
120 20.0 11.8 17.6#
236 29.2 22.4 33.6



#31
Terphenyl-d14
Concen: 0.458 ng
RT: 20.033 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BN022043.D
Acq: 10 Oct 2022 17:55

Tgt Ion:244 Resp: 8198
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 13.9 9.1 13.7#

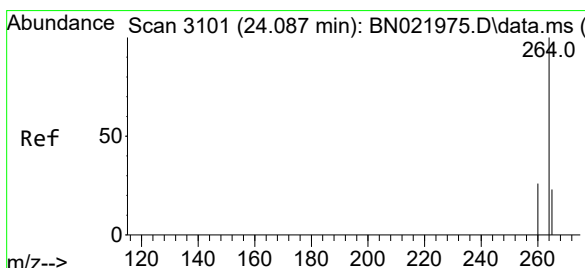
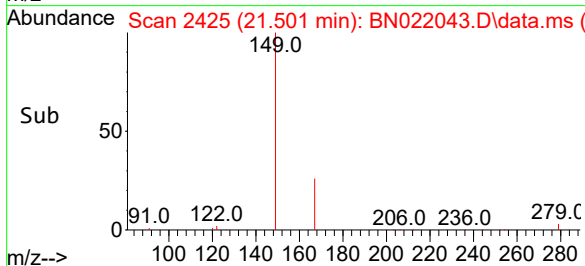
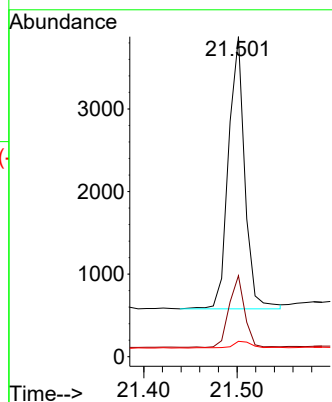
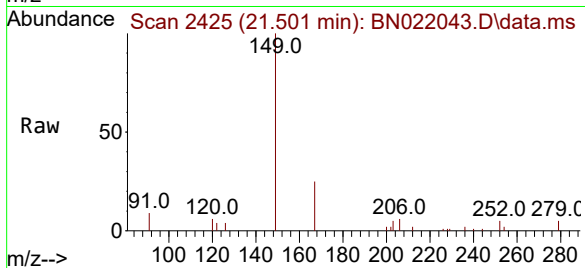




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.249 ng
RT: 21.501 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BN022043.D
Acq: 10 Oct 2022 17:55

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-184-204-100622

Tgt Ion:149 Resp: 3996
Ion Ratio Lower Upper
149 100
167 25.0 20.2 30.4
279 3.1 2.3 3.5



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.078 min Scan# 3098
Delta R.T. -0.009 min
Lab File: BN022043.D
Acq: 10 Oct 2022 17:55

Tgt Ion:264 Resp: 6012
Ion Ratio Lower Upper
264 100
260 27.4 21.3 31.9
265 84.4 63.0 94.4

