

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012623\
 Data File : BN023804.D
 Acq On : 25 Jan 2023 21:12
 Operator : CG/JU
 Sample : 01242-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-238-240

Quant Time: Jan 26 00:43:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 26 00:40:21 2023
 Response via : Initial Calibration

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

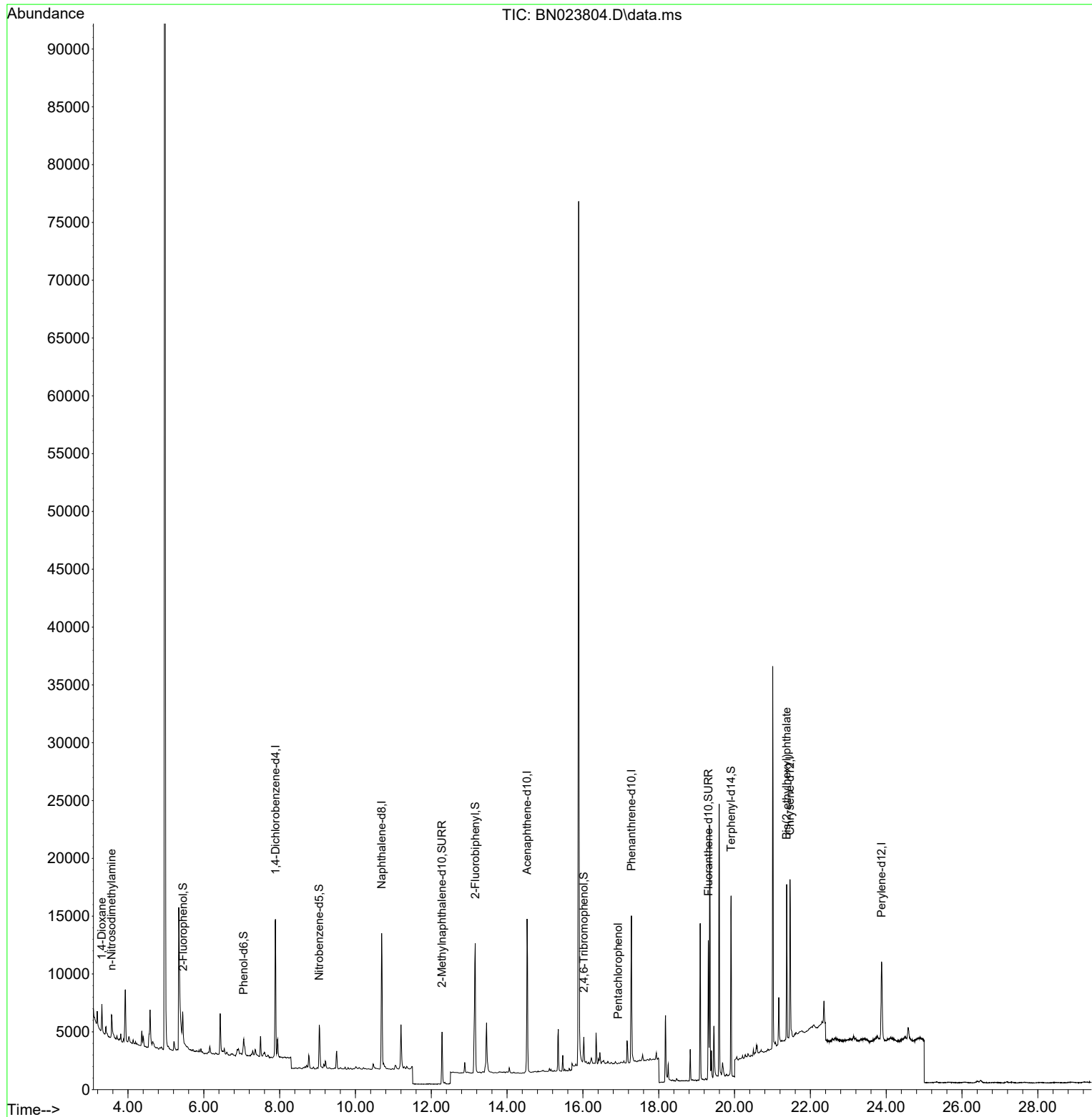
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	5968	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	16019	0.400	ng	0.00
13) Acenaphthene-d10	14.527	164	7462	0.400	ng	0.00
19) Phenanthrene-d10	17.278	188	16202	0.400	ng	0.00
29) Chrysene-d12	21.464	240	12861	0.400	ng	# 0.00
35) Perylene-d12	23.878	264	10355	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	1809	0.144	ng	0.00
5) Phenol-d6	7.053	99	1270	0.085	ng	0.00
8) Nitrobenzene-d5	9.046	82	3433	0.271	ng	0.00
11) 2-Methylnaphthalene-d10	12.284	152	6257	0.283	ng	0.00
14) 2,4,6-Tribromophenol	16.024	330	1135	0.358	ng	0.00
15) 2-Fluorobiphenyl	13.159	172	9477	0.298	ng	0.00
27) Fluoranthene-d10	19.309	212	13442	0.354	ng	0.00
31) Terphenyl-d14	19.907	244	13022	0.642	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.312	88	1341	0.212	ng	# 81
3) n-Nitrosodimethylamine	3.564	42	529	0.071	ng	# 1
24) Pentachlorophenol	16.930	266	16	0.165	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.374	149	11126	0.610	ng	99

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

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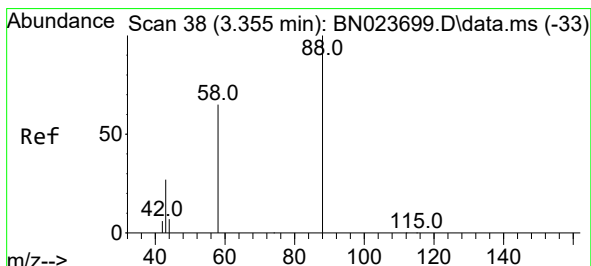
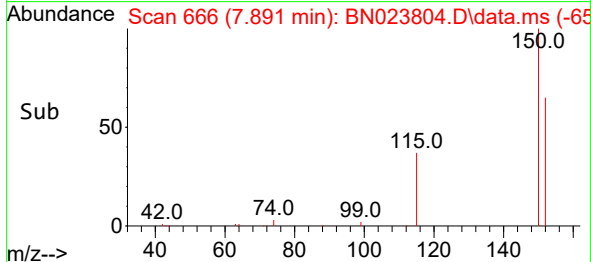
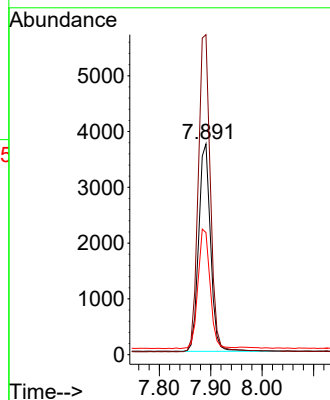
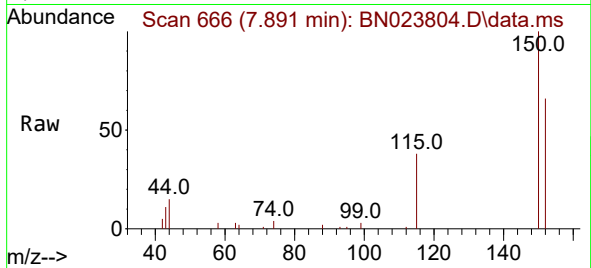




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.891 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN023804.D
 Acq: 25 Jan 2023 21:12

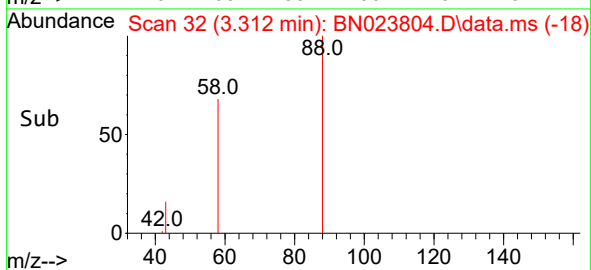
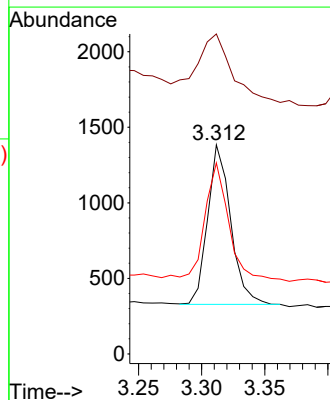
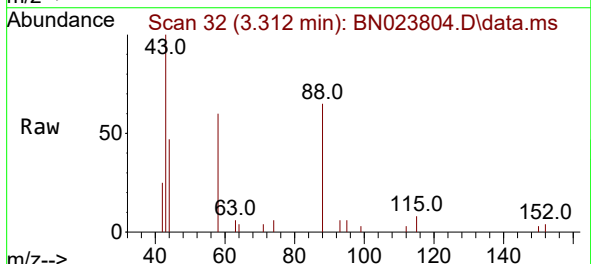
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-238-240

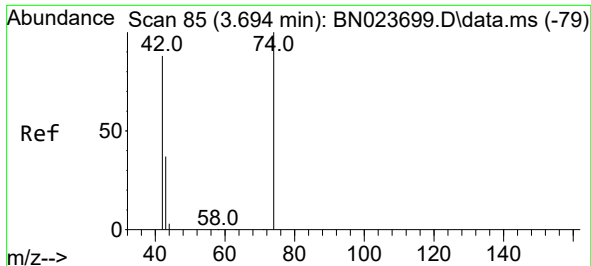
Tgt Ion:152 Resp: 5968
 Ion Ratio Lower Upper
 152 100
 150 151.9 122.4 183.6
 115 57.9 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.212 ng
 RT: 3.312 min Scan# 32
 Delta R.T. -0.000 min
 Lab File: BN023804.D
 Acq: 25 Jan 2023 21:12

Tgt Ion: 88 Resp: 1341
 Ion Ratio Lower Upper
 88 100
 43 67.9 26.8 40.2#
 58 73.5 58.5 87.7

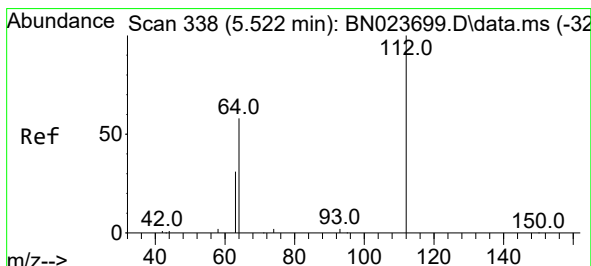
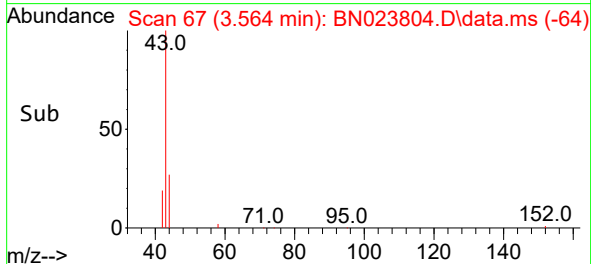
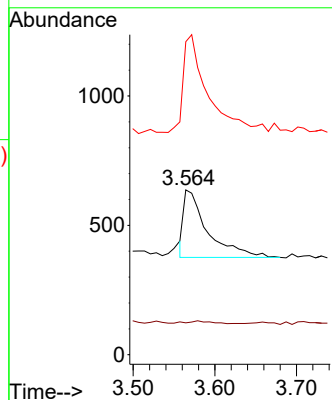
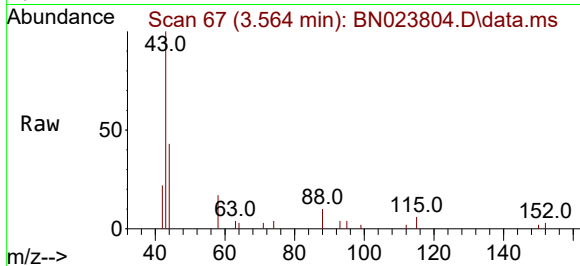




#3
n-Nitrosodimethylamine
Concen: 0.071 ng
RT: 3.564 min Scan# 61
Delta R.T. -0.079 min
Lab File: BN023804.D
Acq: 25 Jan 2023 21:12

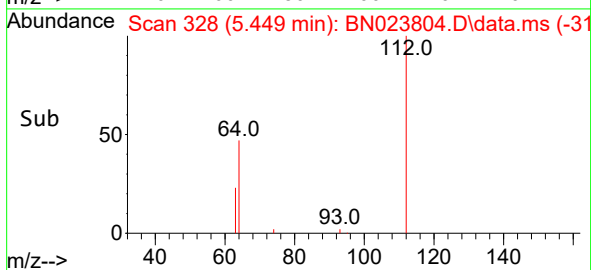
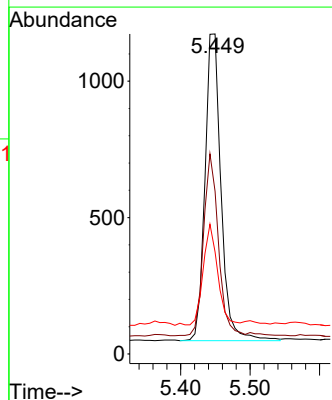
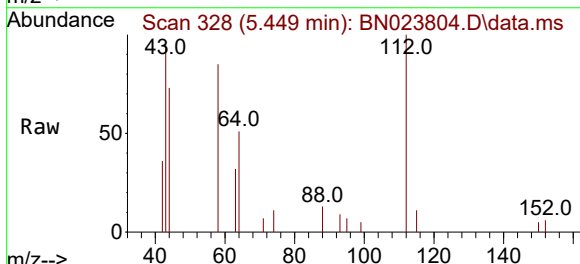
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-238-240

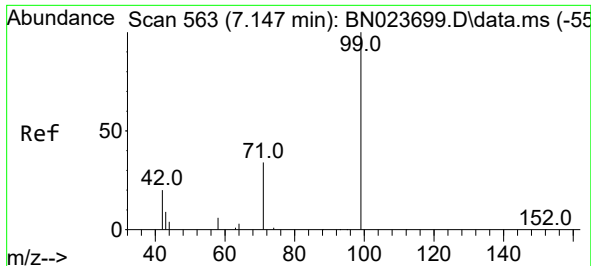
Tgt Ion: 42 Resp: 529
Ion Ratio Lower Upper
42 100
74 2.5 87.4 131.2#
44 139.1 9.4 14.2#



#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN023804.D
Acq: 25 Jan 2023 21:12

Tgt Ion: 112 Resp: 1809
Ion Ratio Lower Upper
112 100
64 54.5 45.8 68.8
63 29.4 25.3 37.9

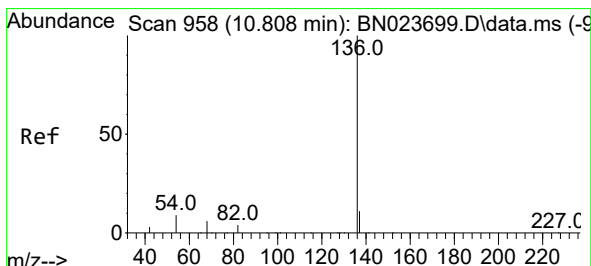
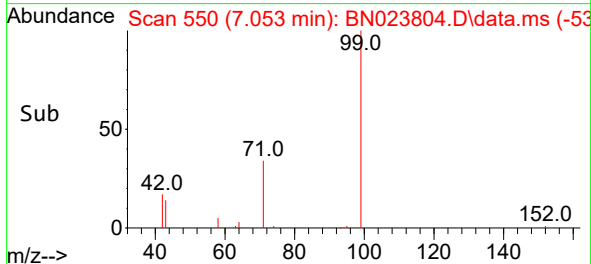
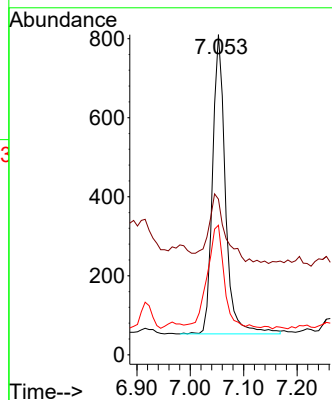
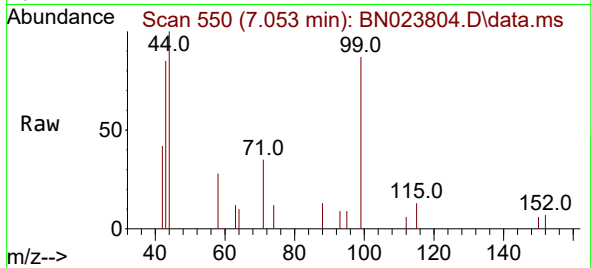




#5
Phenol-d6
Concen: 0.085 ng
RT: 7.053 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN023804.D
Acq: 25 Jan 2023 21:12

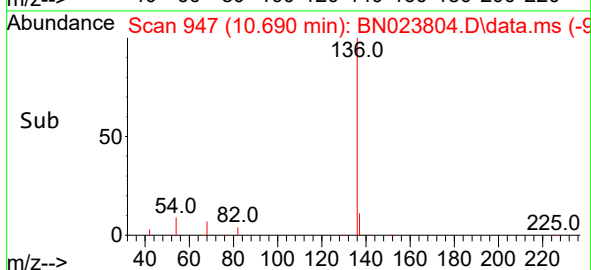
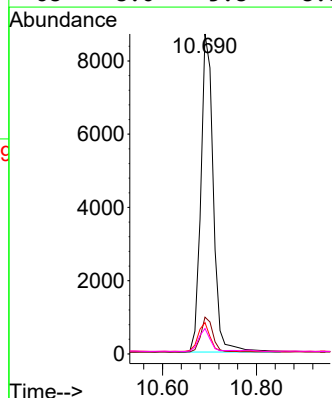
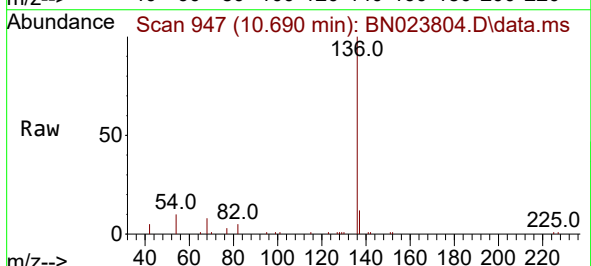
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-238-240

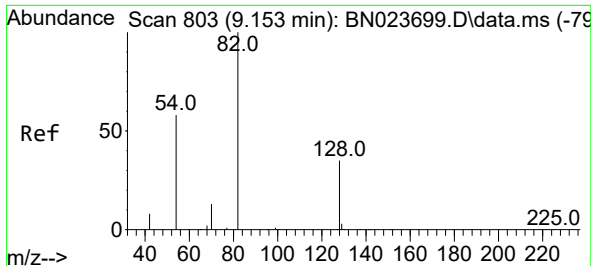
Tgt Ion: 99 Resp: 1270
Ion Ratio Lower Upper
99 100
42 31.7 19.4 29.0#
71 44.6 28.7 43.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN023804.D
Acq: 25 Jan 2023 21:12

Tgt Ion: 136 Resp: 16019
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 9.8 7.5 11.3
68 8.0 5.8 8.8

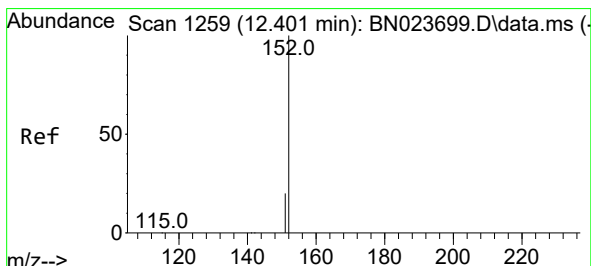
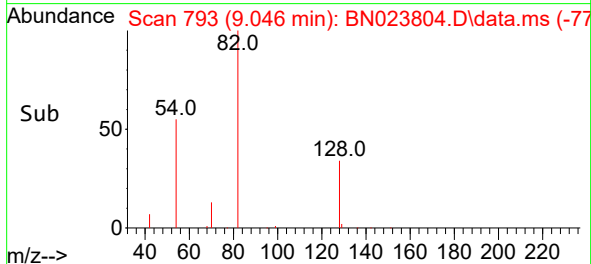
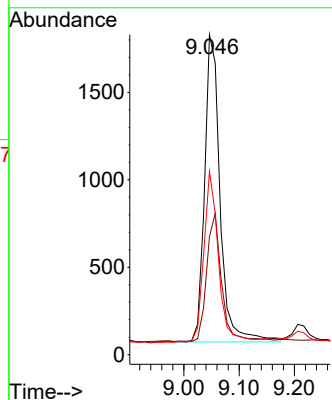
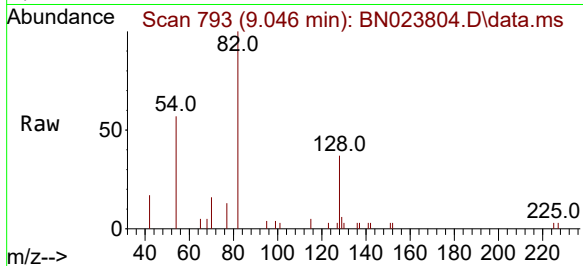




#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 9.046 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN023804.D
Acq: 25 Jan 2023 21:12

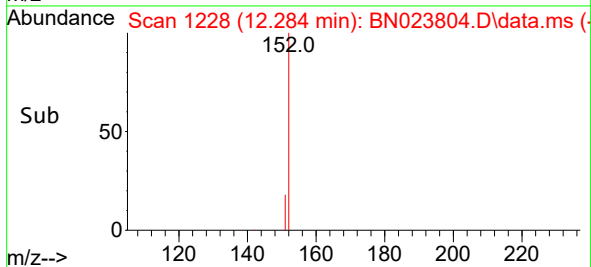
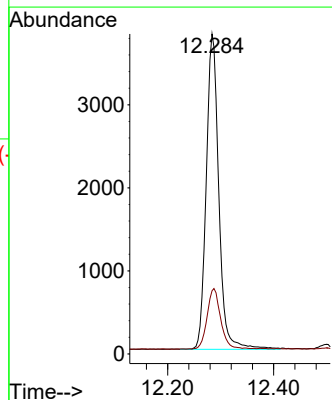
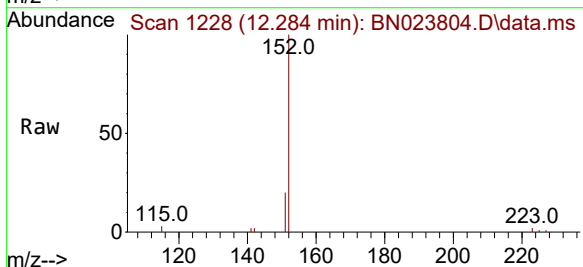
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ClientSampleId :
BP-VPB-RW10-GW-238-240

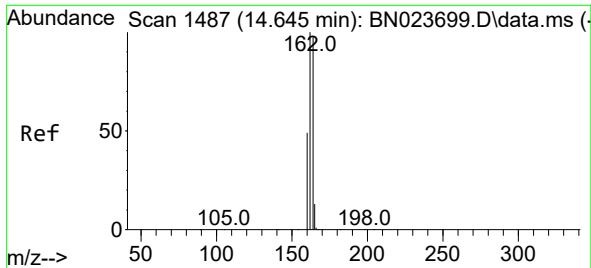
Tgt Ion: 82 Resp: 3433
Ion Ratio Lower Upper
82 100
128 36.9 30.2 45.2
54 57.3 47.3 70.9



#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.284 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BN023804.D
Acq: 25 Jan 2023 21:12

Tgt Ion: 152 Resp: 6257
Ion Ratio Lower Upper
152 100
151 20.8 17.1 25.7

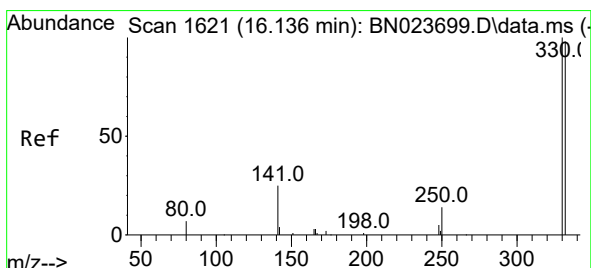
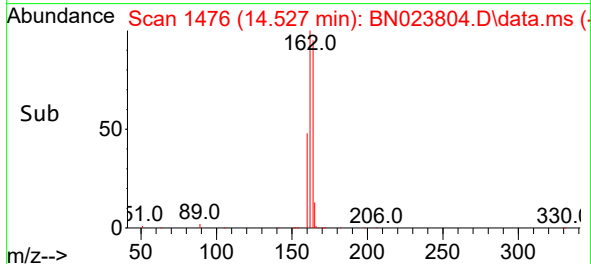
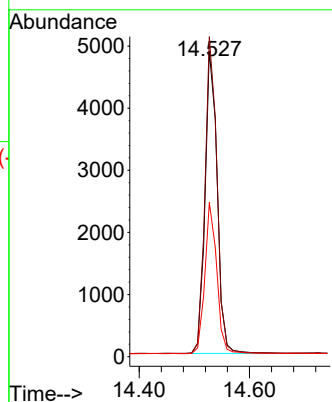
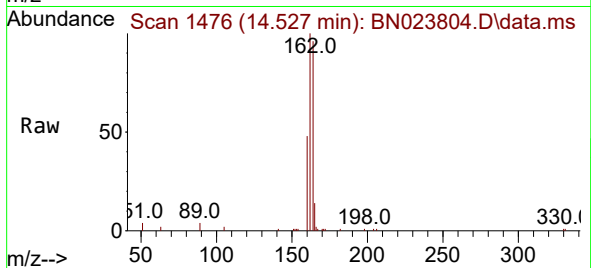




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023804.D
Acq: 25 Jan 2023 21:12

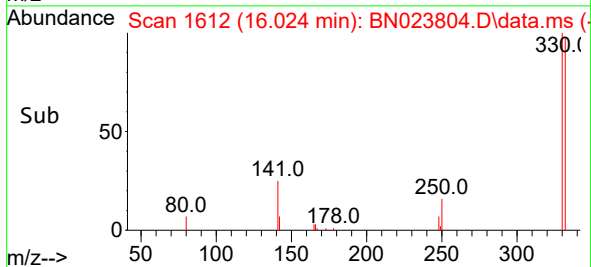
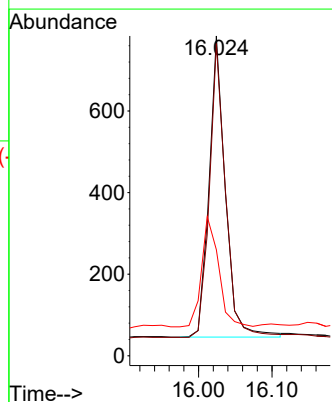
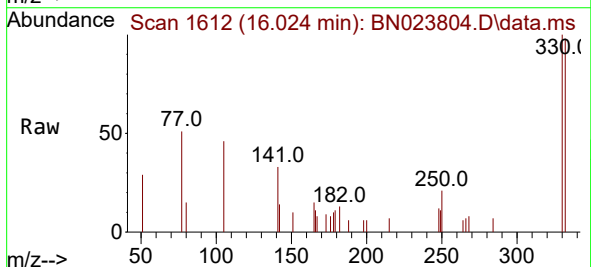
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-238-240

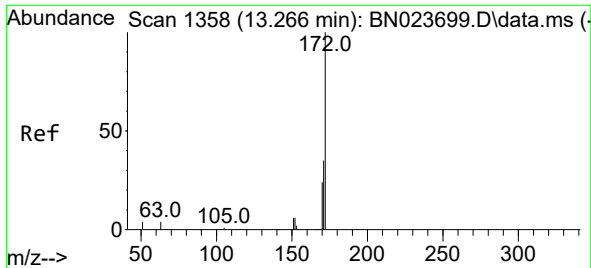
Tgt Ion:164 Resp: 7462
Ion Ratio Lower Upper
164 100
162 104.7 81.8 122.6
160 50.4 40.3 60.5



#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 16.024 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN023804.D
Acq: 25 Jan 2023 21:12

Tgt Ion:330 Resp: 1135
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 38.1 35.0 52.4

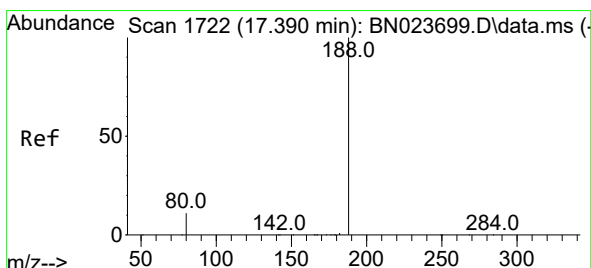
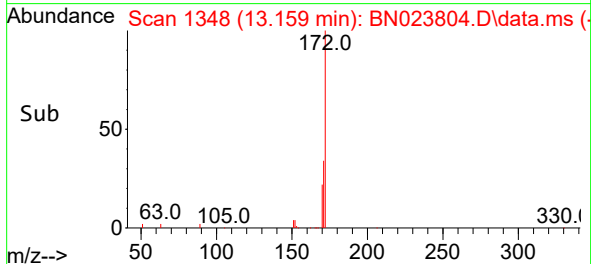
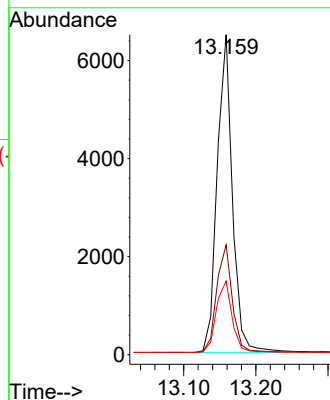
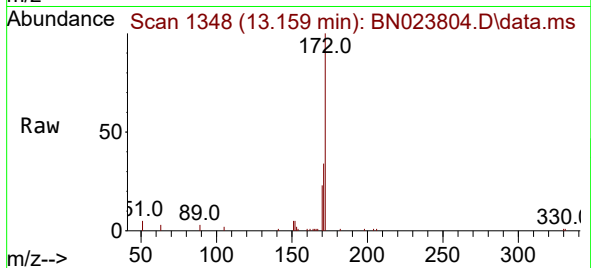




#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 13.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023804.D
Acq: 25 Jan 2023 21:12

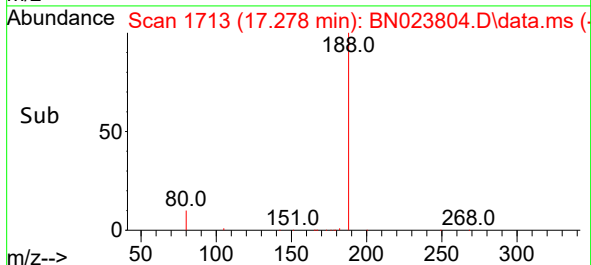
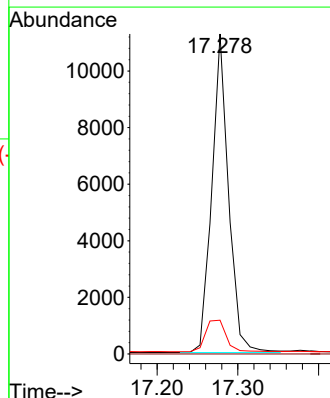
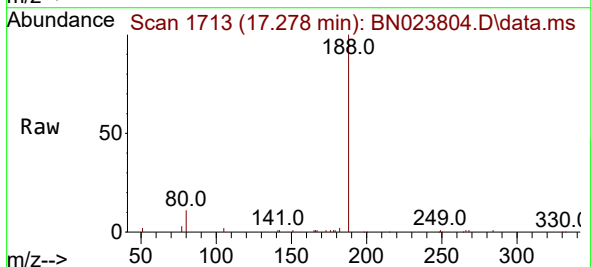
Instrument :
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BP-VPB-RW10-GW-238-240

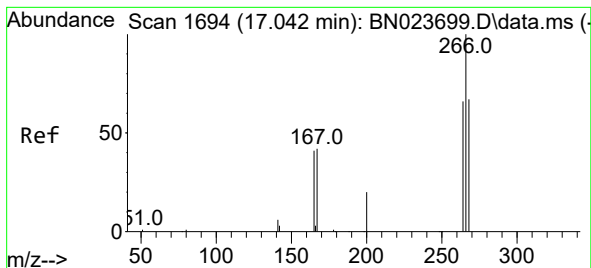
Tgt Ion:172 Resp: 9477
Ion Ratio Lower Upper
172 100
171 34.3 28.6 42.8
170 23.0 20.0 30.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.278 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BN023804.D
Acq: 25 Jan 2023 21:12

Tgt Ion:188 Resp: 16202
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.5 14.3





#24

Pentachlorophenol

Concen: 0.165 ng

RT: 16.930 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023804.D

Acq: 25 Jan 2023 21:12

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-238-240

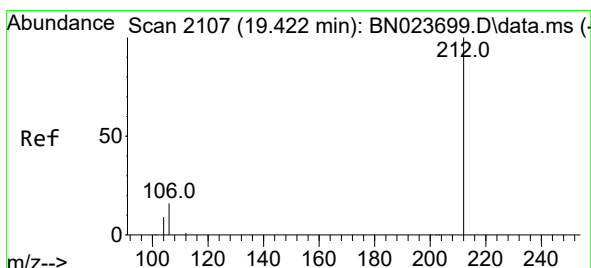
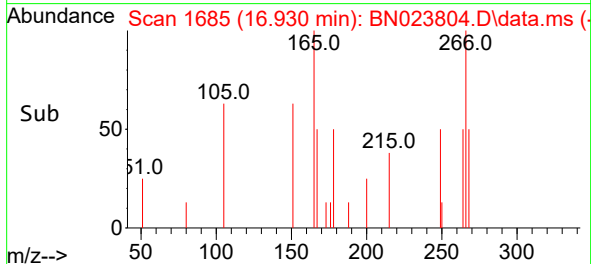
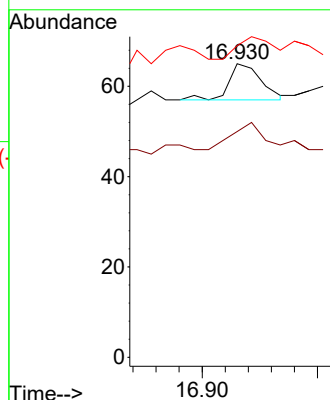
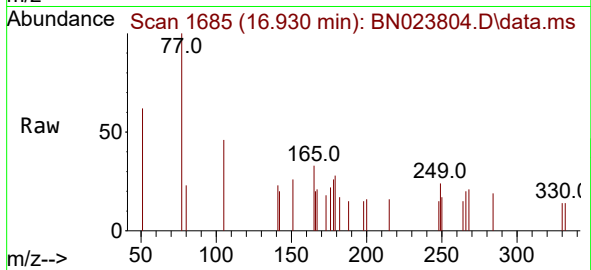
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

264 100.0 51.4 77.2#

268 62.5 52.3 78.5



#27

Fluoranthene-d10

Concen: 0.354 ng

RT: 19.309 min Scan# 2080

Delta R.T. -0.000 min

Lab File: BN023804.D

Acq: 25 Jan 2023 21:12

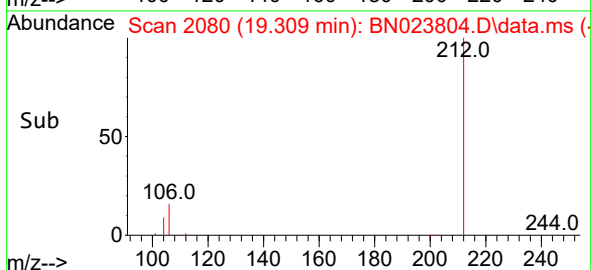
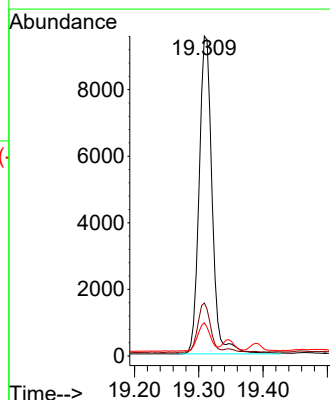
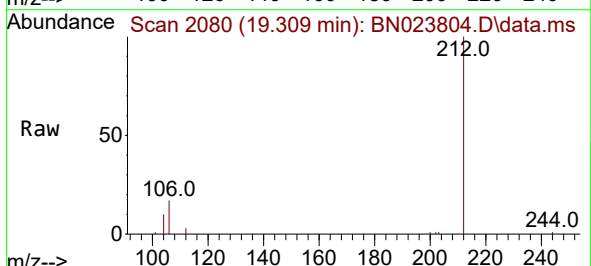
Tgt Ion:212 Resp: 13442

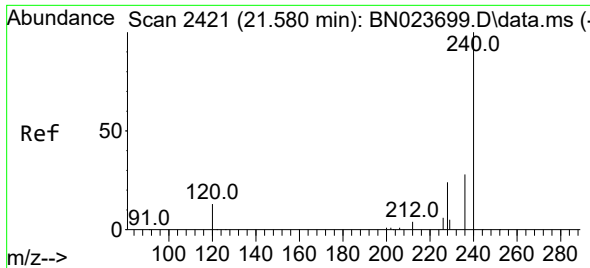
Ion Ratio Lower Upper

212 100

106 15.1 12.4 18.6

104 8.5 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.464 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BN023804.D

Acq: 25 Jan 2023 21:12

Instrument :

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BP-VPB-RW10-GW-238-240

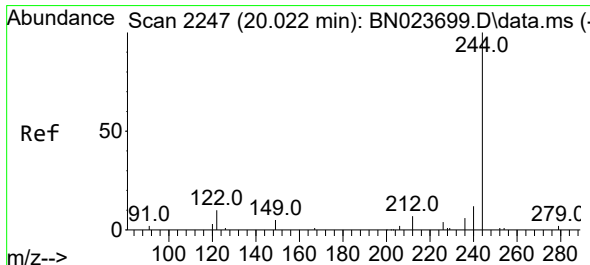
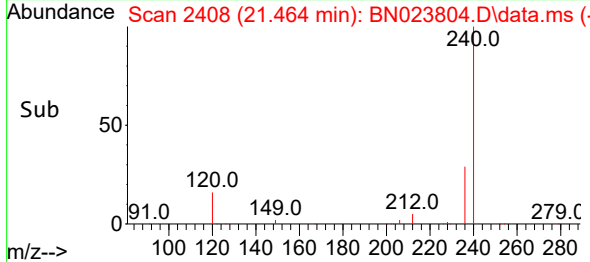
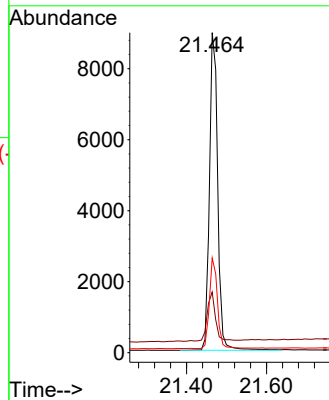
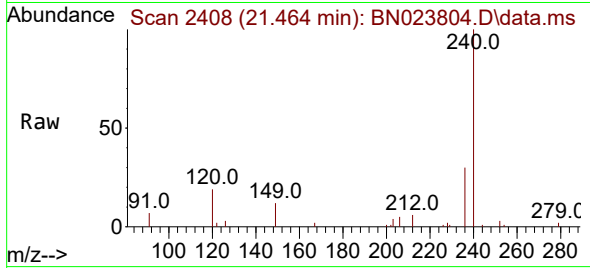
Tgt Ion:240 Resp: 12861

Ion Ratio Lower Upper

240 100

120 19.0 12.0 18.0#

236 29.6 22.8 34.2



#31

Terphenyl-d14

Concen: 0.642 ng

RT: 19.907 min Scan# 2222

Delta R.T. -0.000 min

Lab File: BN023804.D

Acq: 25 Jan 2023 21:12

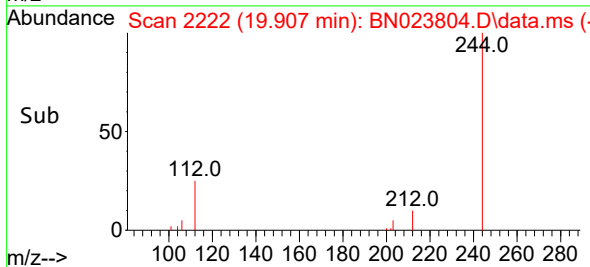
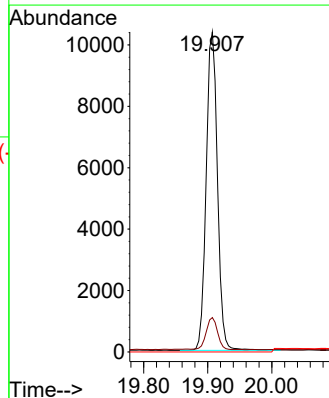
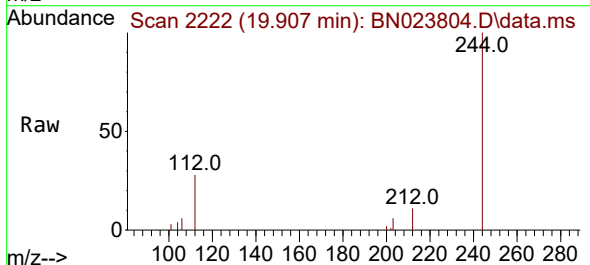
Tgt Ion:244 Resp: 13022

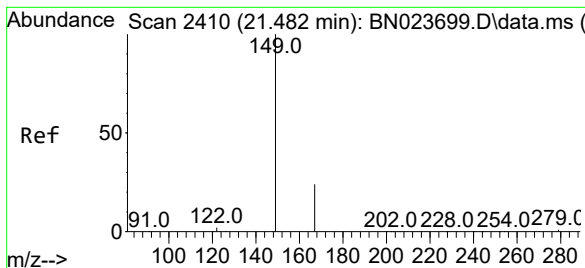
Ion Ratio Lower Upper

244 100

212 10.8 6.5 9.7#

122 0.0 7.6 11.4#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.610 ng

RT: 21.374 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN023804.D

Acq: 25 Jan 2023 21:12

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-238-240

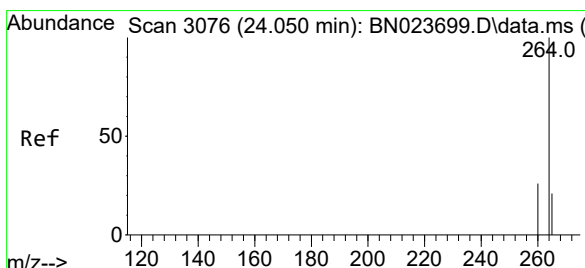
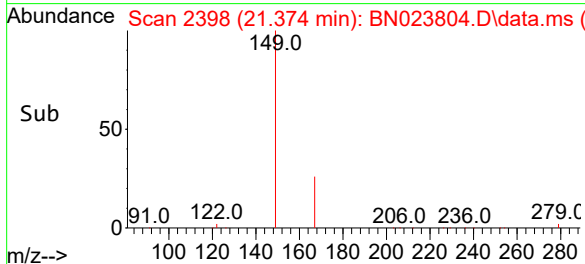
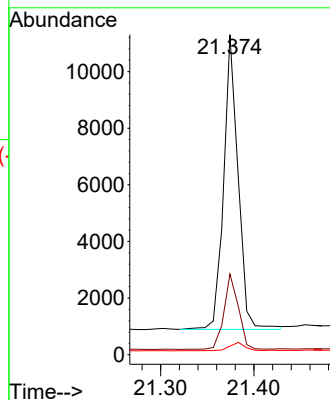
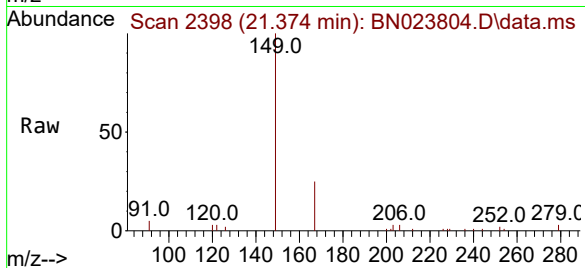
Tgt Ion:149 Resp: 11126

Ion Ratio Lower Upper

149 100

167 25.5 19.8 29.8

279 3.3 2.5 3.7



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.878 min Scan# 3017

Delta R.T. -0.018 min

Lab File: BN023804.D

Acq: 25 Jan 2023 21:12

Tgt Ion:264 Resp: 10355

Ion Ratio Lower Upper

264 100

260 26.8 21.0 31.6

265 74.4 49.9 74.9

