

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011422\
 Data File : BN018404.D
 Acq On : 14 Jan 2022 12:36
 Operator : CG/JU
 Sample : N1122-01DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-PDB-472-493-011222DL

Quant Time: Jan 14 13:10:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 12:12:13 2022
 Response via : Initial Calibration

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

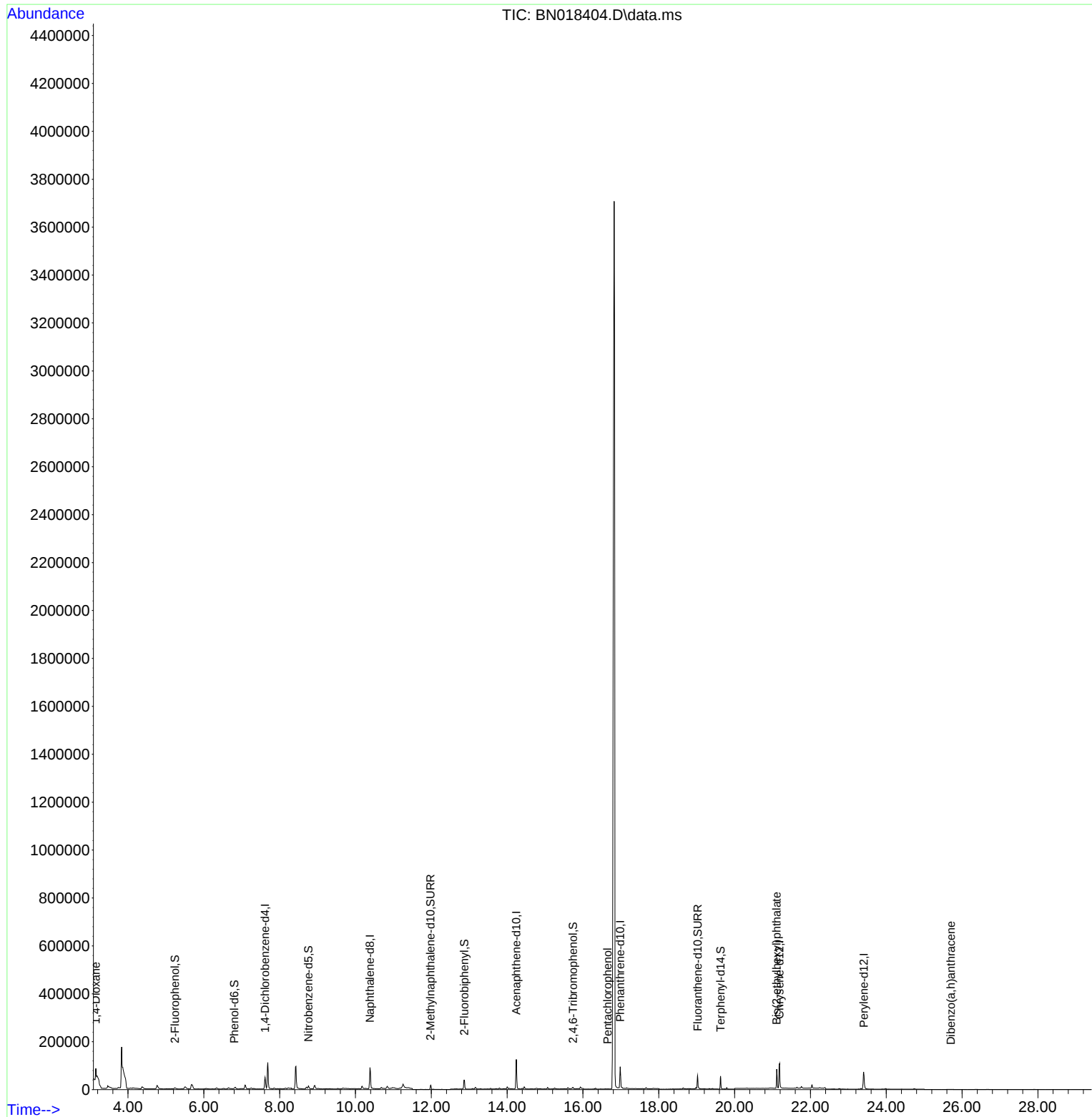
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	26459	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	127228	0.400	ng	#-0.03
13) Acenaphthene-d10	14.243	164	69735	0.400	ng	-0.01
19) Phenanthrene-d10	16.981	188	118976	0.400	ng	#-0.01
29) Chrysene-d12	21.185	240	114277	0.400	ng	0.00
35) Perylene-d12	23.406	264	103938	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	4497	0.069	ng	0.00
5) Phenol-d6	6.803	99	3056	0.047	ng	0.00
8) Nitrobenzene-d5	8.759	82	12439	0.258	ng	-0.01
11) 2-Methylnaphthalene-d10	11.980	152	26664	0.134	ng	-0.02
14) 2,4,6-Tribromophenol	15.740	330	5237	0.331	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	38916	0.155	ng	-0.01
27) Fluoranthene-d10	19.023	212	61613	0.181	ng	0.00
31) Terphenyl-d14	19.629	244	49608	0.201	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.152	88	36243	2.435	ng	# 56
24) Pentachlorophenol	16.652	266	662	0.355	ng	95
34) Bis(2-ethylhexyl)phtha...	21.111	149	74041	0.455	ng	# 95
40) Dibenzo(a,h)anthracene	25.702	278	486	0.040	ng	# 1

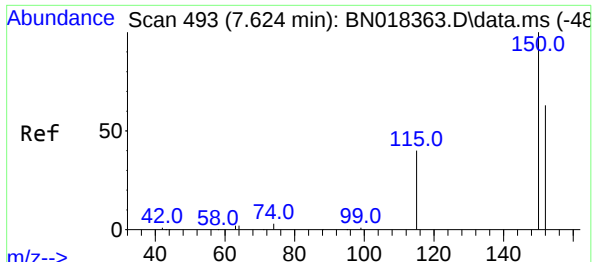
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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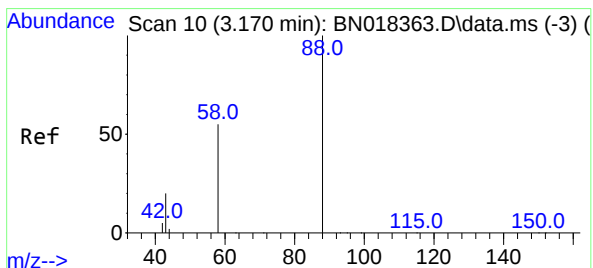
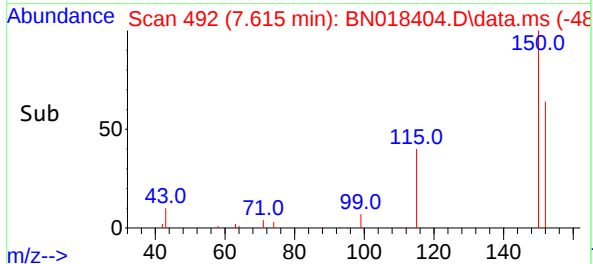
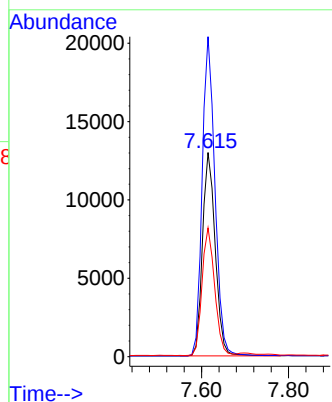
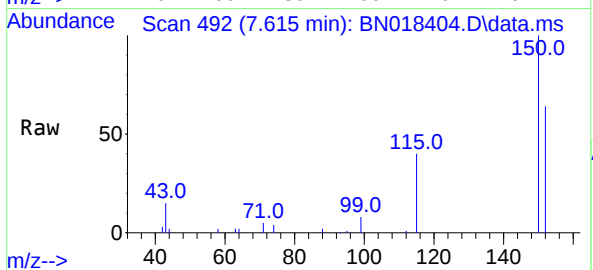




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 49
Delta R.T. -0.009 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

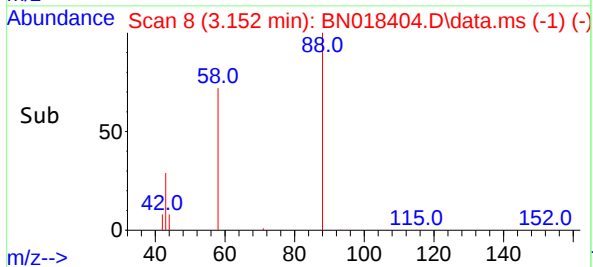
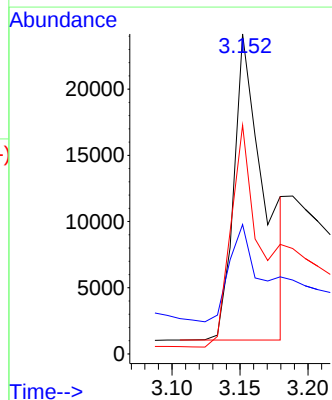
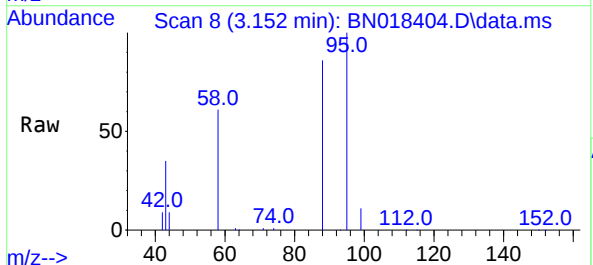
Instrument :
BNA_N
ClientSampleId :
GWBR3D-PDB-472-493-011222DL

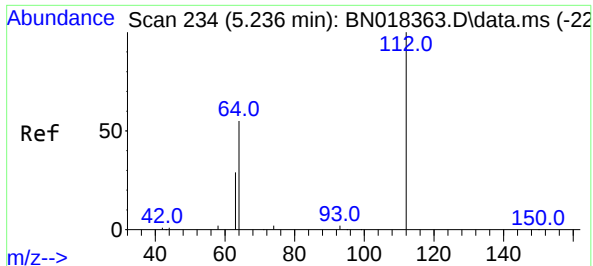
Tgt Ion:152 Resp: 26459
Ion Ratio Lower Upper
152 100
150 156.8 121.7 182.5
115 63.1 43.8 65.8



#2
1,4-Dioxane
Concen: 2.435 ng
RT: 3.152 min Scan# 8
Delta R.T. -0.018 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

Tgt Ion: 88 Resp: 36243
Ion Ratio Lower Upper
88 100
43 43.1 69.7 104.5#
58 62.5 83.8 125.8#

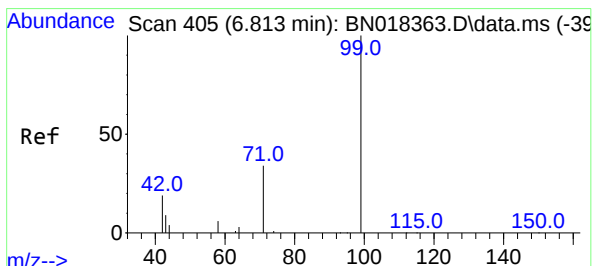
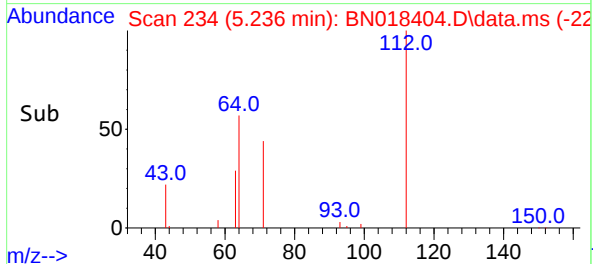
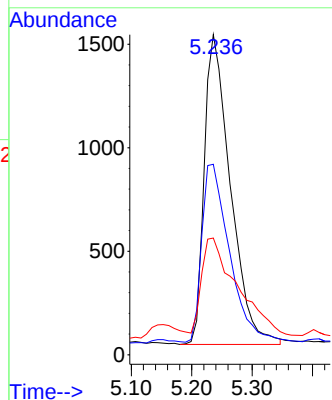
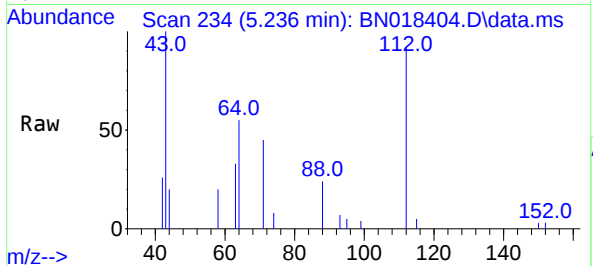




#4
2-Fluorophenol
Concen: 0.069 ng
RT: 5.236 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

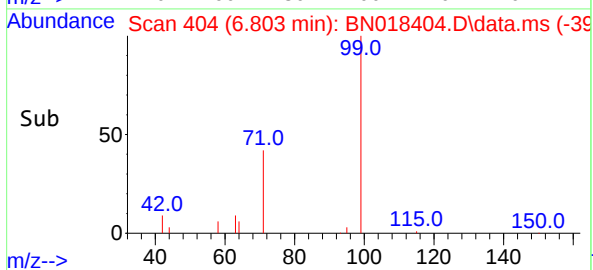
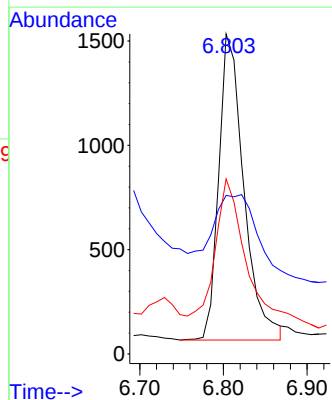
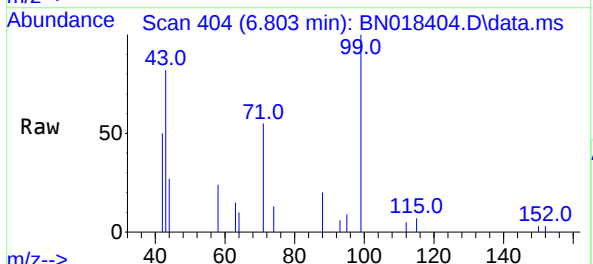
Instrument :
BNA_N
ClientSampleId :
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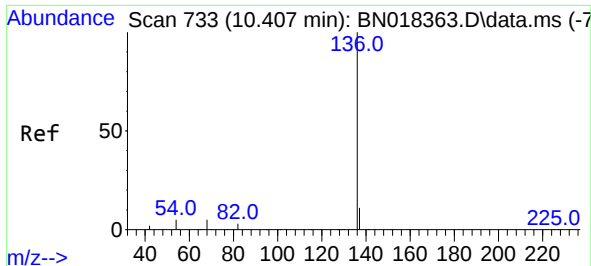
Tgt Ion:112 Resp: 4497
Ion Ratio Lower Upper
112 100
64 60.8 48.0 72.0
63 39.5 25.3 37.9#



#5
Phenol-d6
Concen: 0.047 ng
RT: 6.803 min Scan# 404
Delta R.T. -0.010 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

Tgt Ion: 99 Resp: 3056
Ion Ratio Lower Upper
99 100
42 40.1 16.3 24.5#
71 47.8 26.8 40.2#

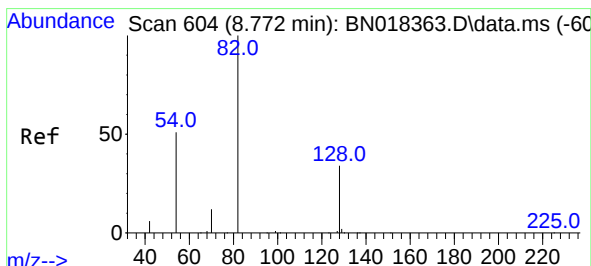
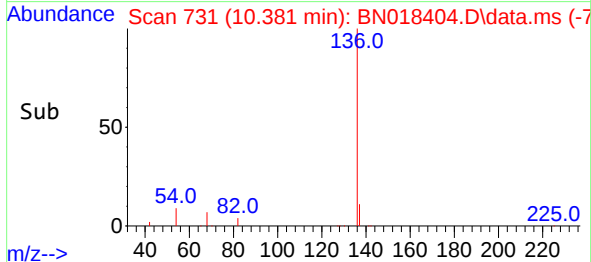
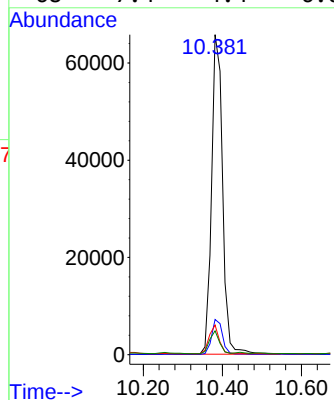
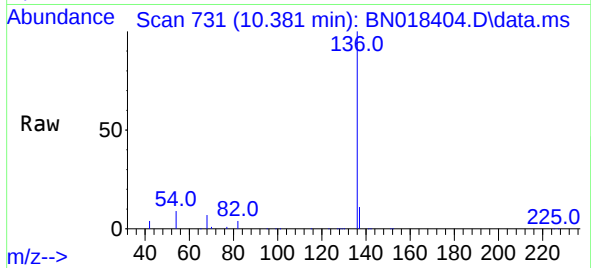




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 71
Delta R.T. -0.026 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

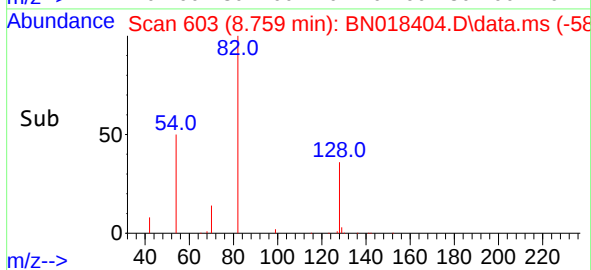
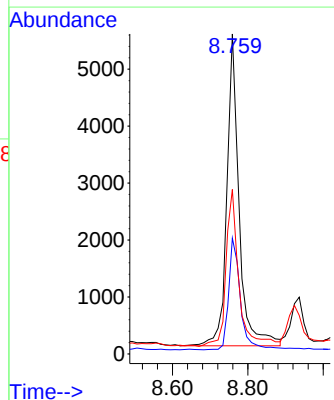
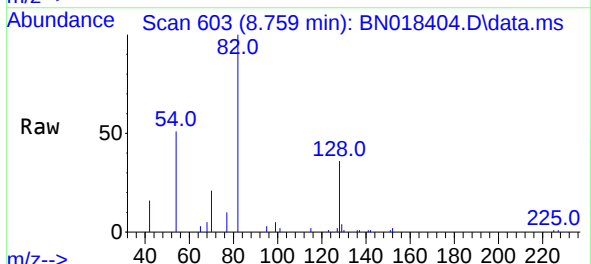
Instrument :
BNA_N
ClientSampleId :
GWBR3D-PDB-472-493-011222DL

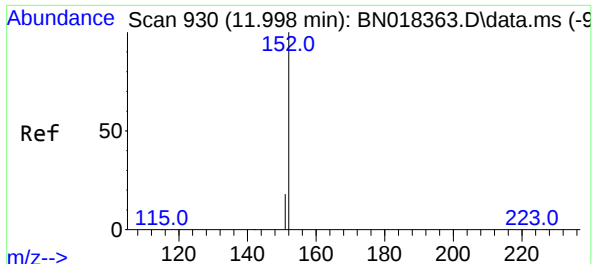
Tgt Ion:136 Resp: 127228
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.2 5.0 7.6#
68 7.4 4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.759 min Scan# 603
Delta R.T. -0.013 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

Tgt Ion: 82 Resp: 12439
Ion Ratio Lower Upper
82 100
128 36.2 33.7 50.5
54 51.4 36.6 55.0





#11

2-Methylnaphthalene-d10

Concen: 0.134 ng

RT: 11.980 min Scan# 91

Delta R.T. -0.018 min

Lab File: BN018404.D

Acq: 14 Jan 2022 12:36

Instrument :

BNA_N

ClientSampleId :

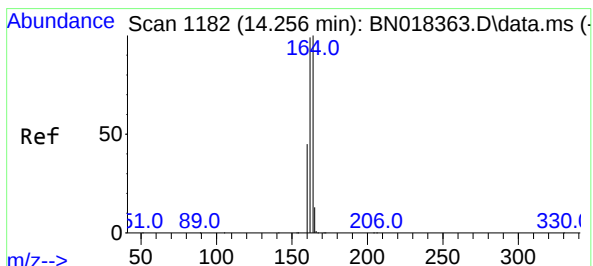
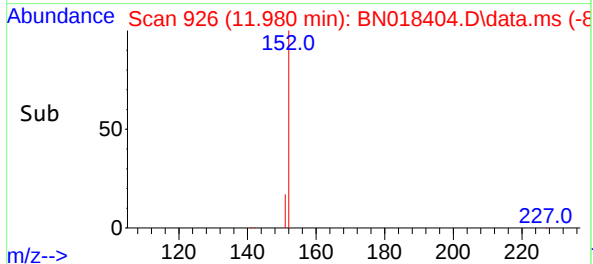
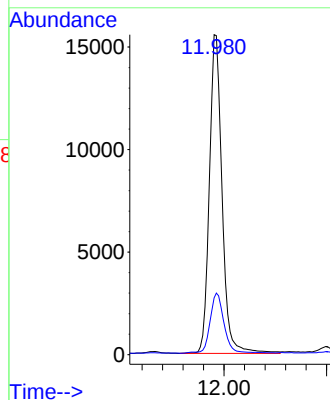
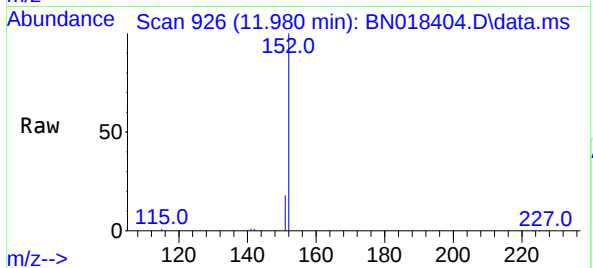
GWBR3D-PDB-472-493-011222DL

Tgt Ion:152 Resp: 26664

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.243 min Scan# 1181

Delta R.T. -0.013 min

Lab File: BN018404.D

Acq: 14 Jan 2022 12:36

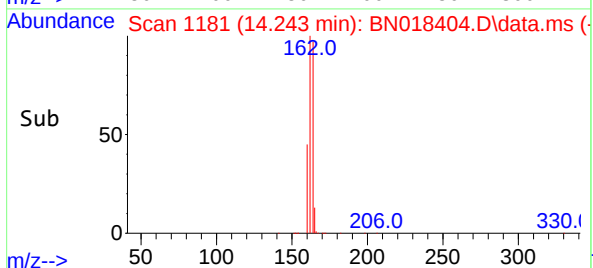
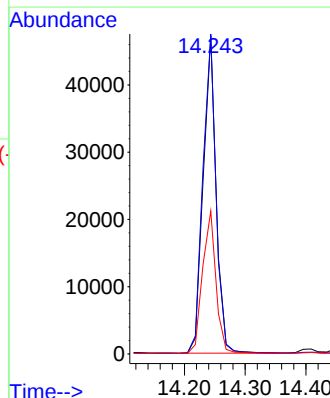
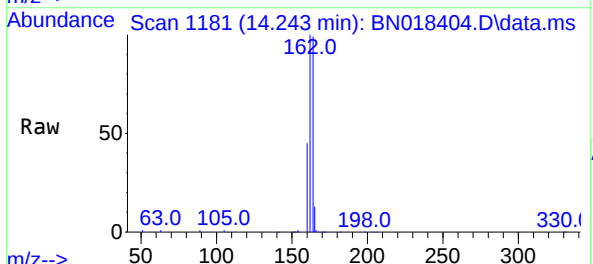
Tgt Ion:164 Resp: 69735

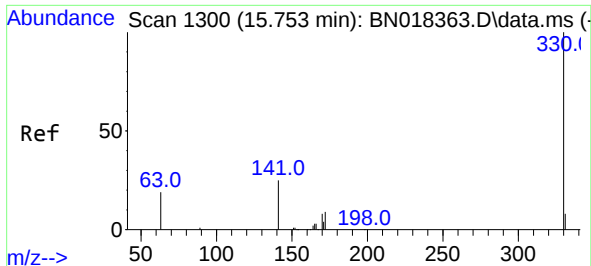
Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

160 45.0 36.9 55.3

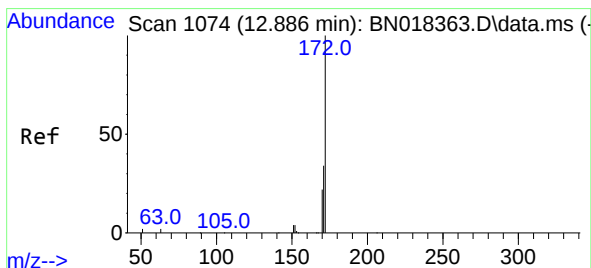
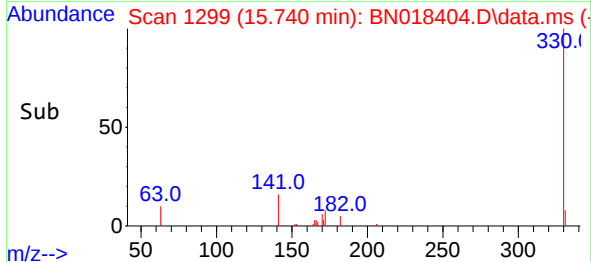
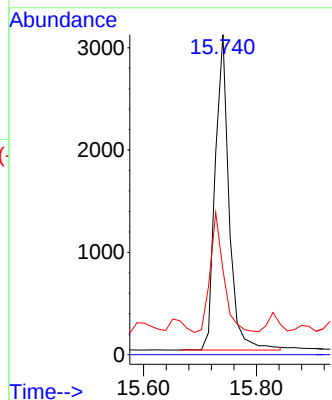
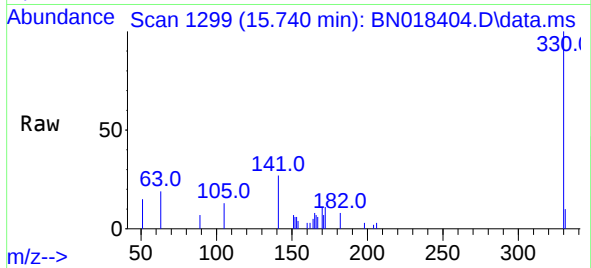




#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 15.740 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

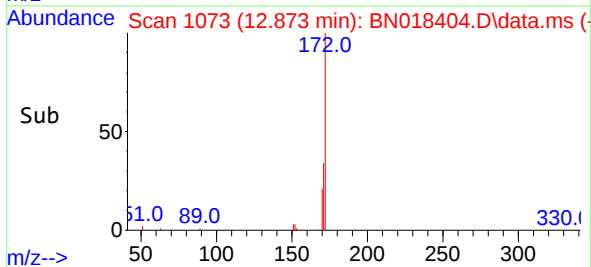
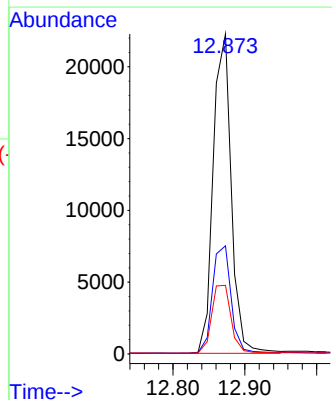
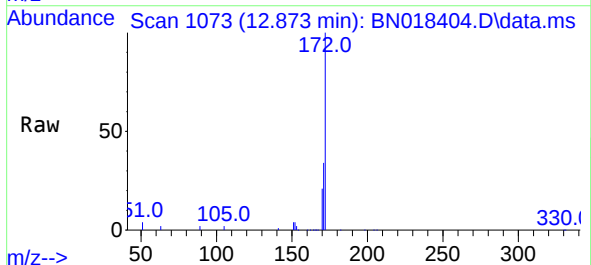
Instrument :
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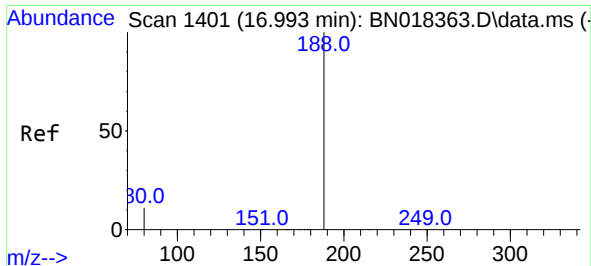
Tgt Ion:330 Resp: 5237
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.3 21.3 31.9#



#15
2-Fluorobiphenyl
Concen: 0.155 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

Tgt Ion:172 Resp: 38916
Ion Ratio Lower Upper
172 100
171 33.8 27.4 41.0
170 21.5 18.4 27.6

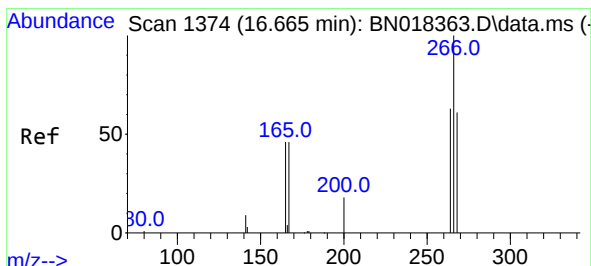
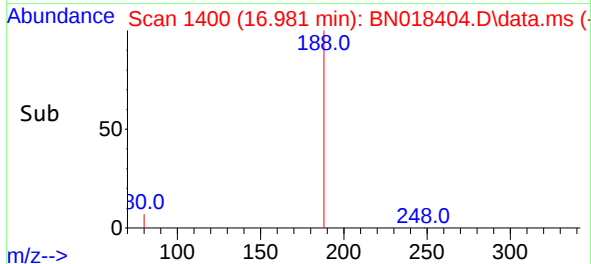
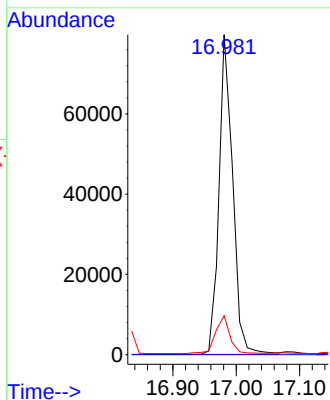
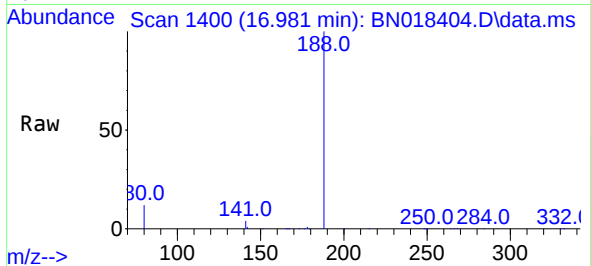




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.981 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

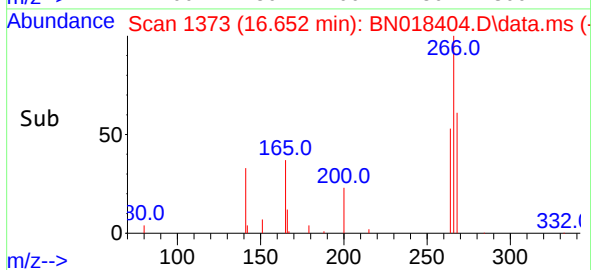
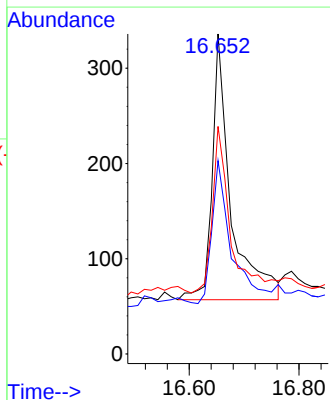
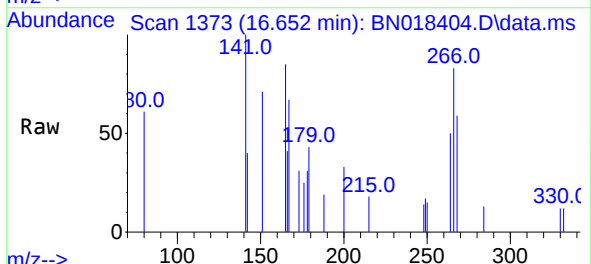
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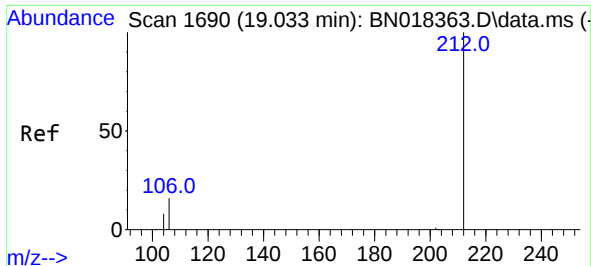
Tgt Ion:188 Resp: 118976
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 7.0 10.4#



#24
Pentachlorophenol
Concen: 0.355 ng
RT: 16.652 min Scan# 1373
Delta R.T. -0.013 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

Tgt Ion:266 Resp: 662
Ion Ratio Lower Upper
266 100
264 56.6 49.5 74.3
268 61.2 50.6 76.0

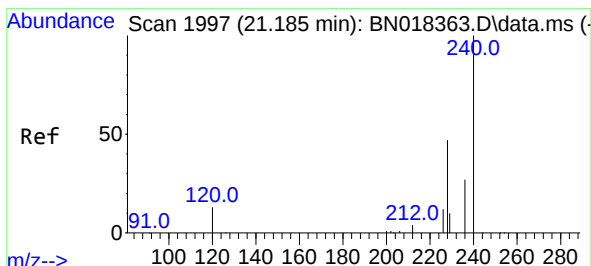
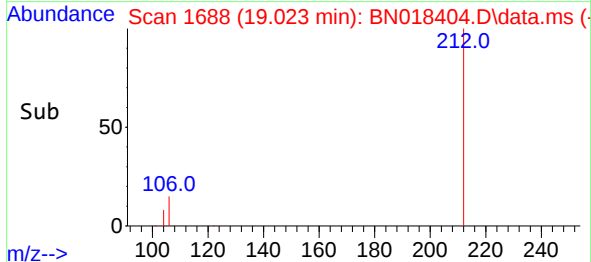
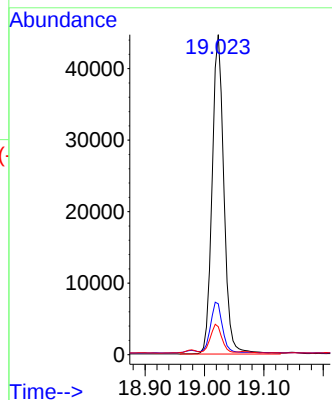
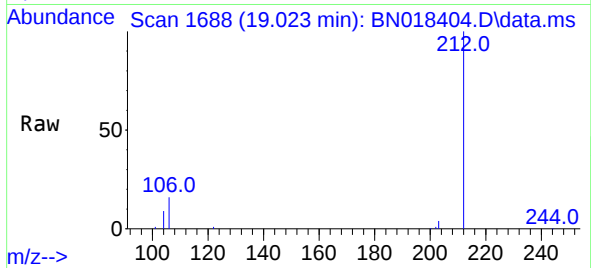




#27
Fluoranthene-d10
Concen: 0.181 ng
RT: 19.023 min Scan# 1688
Delta R.T. -0.010 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

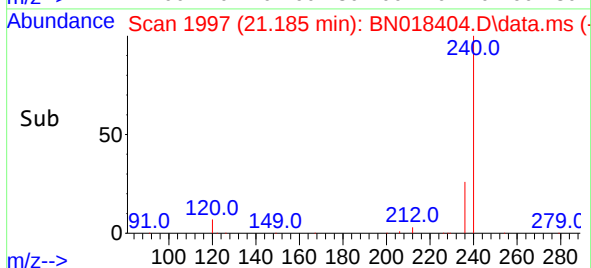
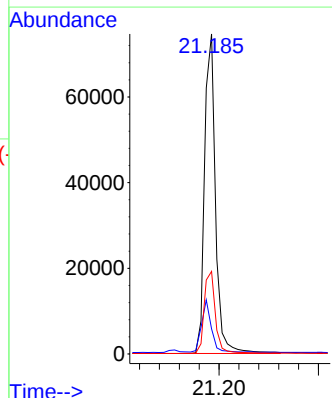
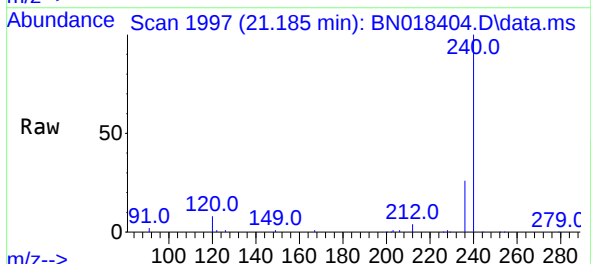
Instrument :
BNA_N
ClientSampleId :
GWBR3D-PDB-472-493-011222DL

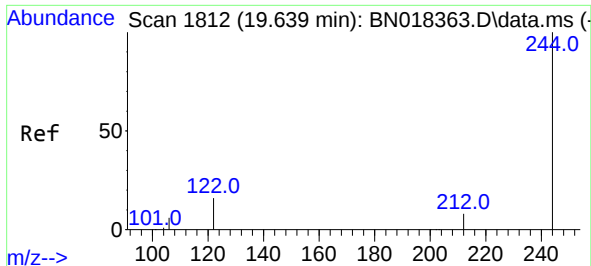
Tgt Ion:212 Resp: 61613
Ion Ratio Lower Upper
212 100
106 16.0 8.4 12.6#
104 8.7 4.5 6.7#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

Tgt Ion:240 Resp: 114277
Ion Ratio Lower Upper
240 100
120 7.9 6.0 9.0
236 25.8 21.4 32.2

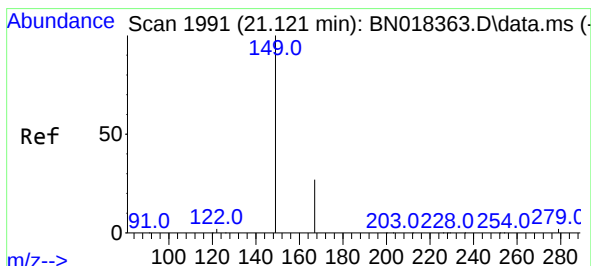
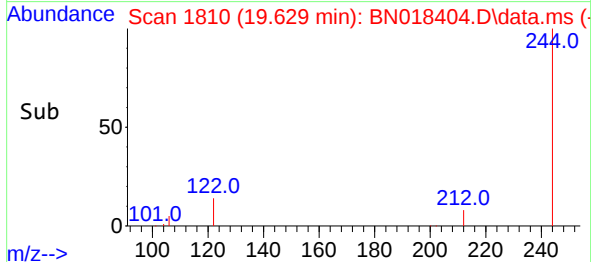
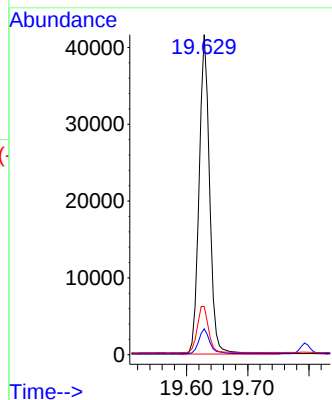
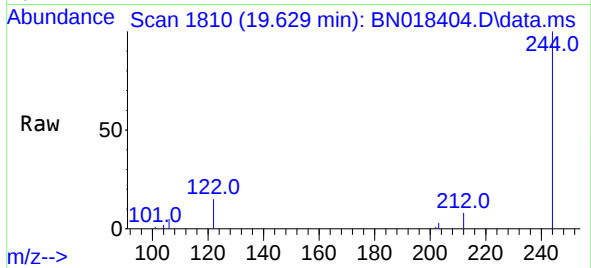




#31
Terphenyl-d14
Concen: 0.201 ng
RT: 19.629 min Scan# 1812
Delta R.T. -0.010 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

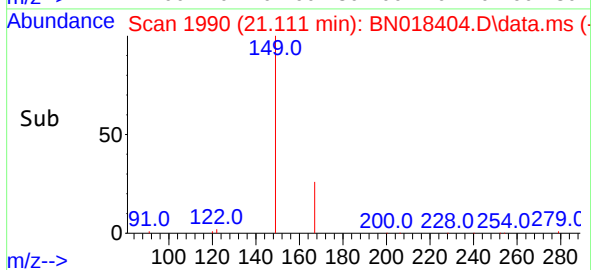
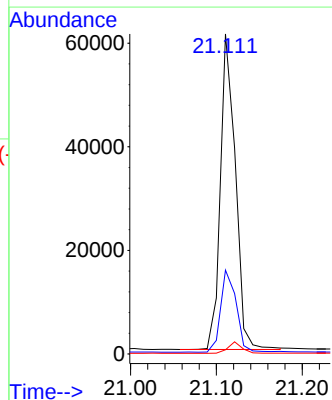
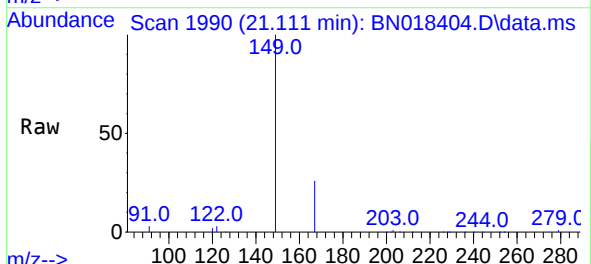
Instrument :
BNA_N
ClientSampleId :
GWBR3D-PDB-472-493-011222DL

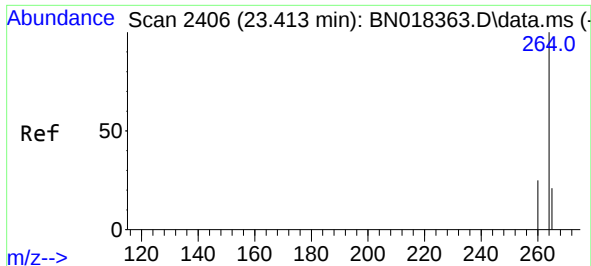
Tgt Ion:244 Resp: 49608
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 15.0 7.9 11.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.455 ng
RT: 21.111 min Scan# 1990
Delta R.T. -0.010 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

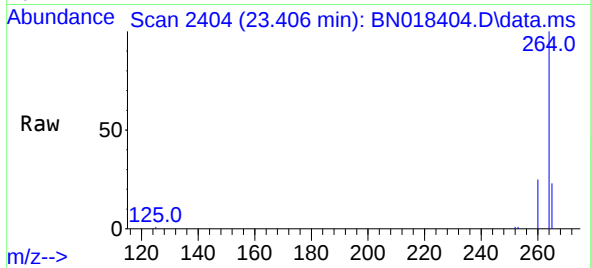
Tgt Ion:149 Resp: 74041
Ion Ratio Lower Upper
149 100
167 26.9 23.7 35.5
279 3.5 3.6 5.4#



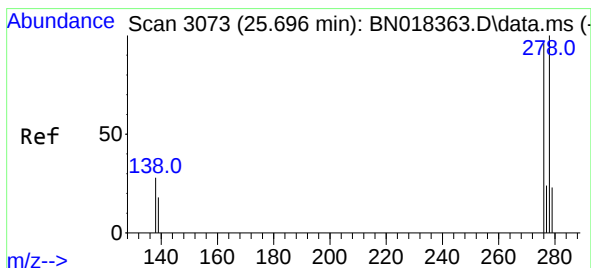
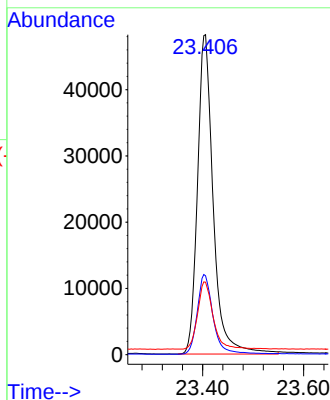


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.406 min Scan# 2404
Delta R.T. -0.007 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

Instrument :
BNA_N
ClientSampleId :
GWB3D-PDB-472-493-011222DL



Tgt Ion:264 Resp: 103938
Ion Ratio Lower Upper
264 100
260 24.6 20.2 30.4
265 22.7 18.2 27.2



#40
Dibenzo(a,h)anthracene
Concen: 0.040 ng
RT: 25.702 min Scan# 3075
Delta R.T. 0.006 min
Lab File: BN018404.D
Acq: 14 Jan 2022 12:36

Tgt Ion:278 Resp: 486
Ion Ratio Lower Upper
278 100
139 100.9 10.8 16.2#
279 79.4 19.0 28.4#

