

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
 Data File : BN023838.D
 Acq On : 27 Jan 2023 13:52
 Operator : CG/JU
 Sample : 01291-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-403-405

Quant Time: Jan 30 02:26:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 02:24:22 2023
 Response via : Initial Calibration

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

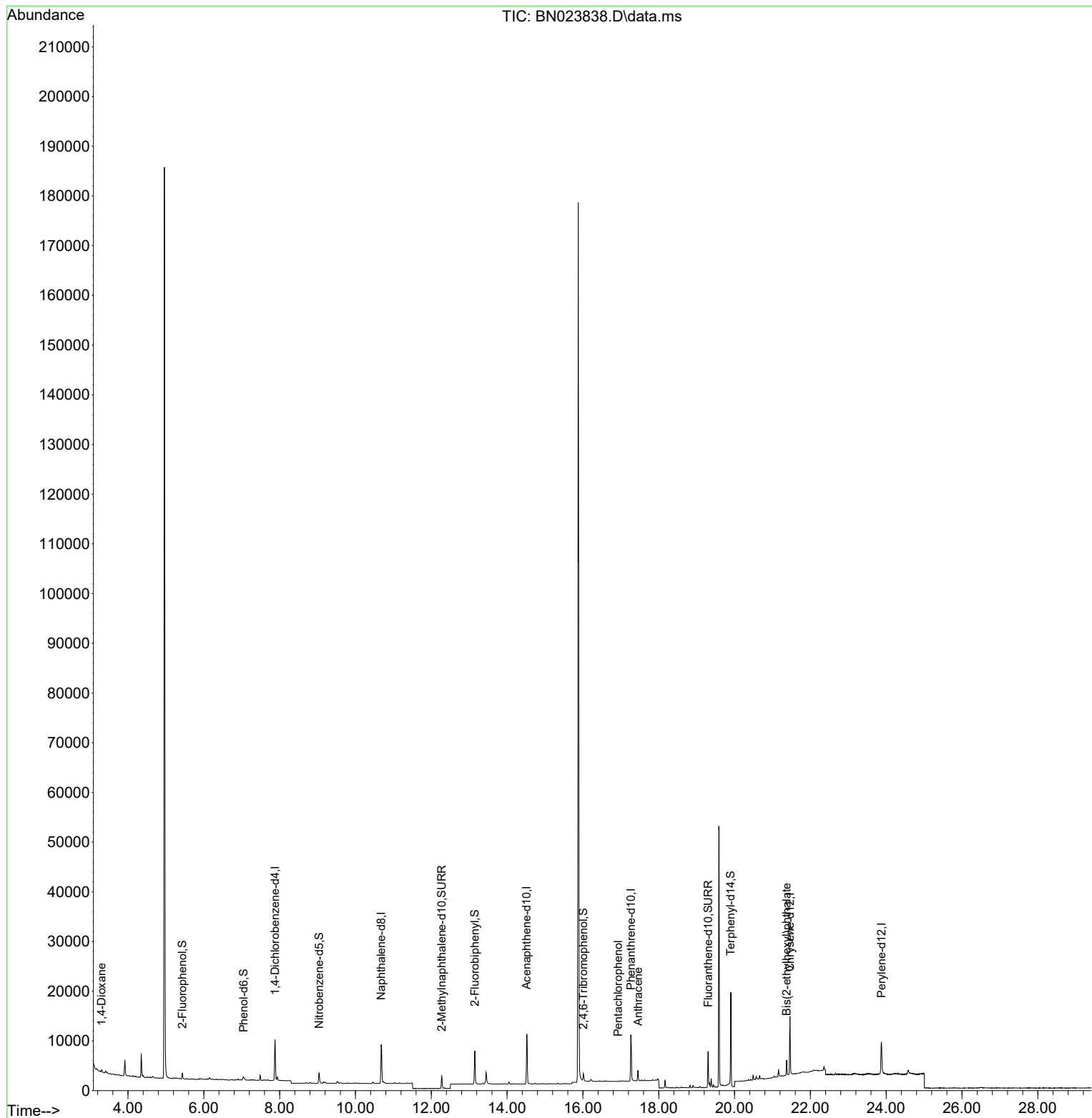
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	4007	0.400	ng	0.00
7) Naphthalene-d8	10.680	136	11211	0.400	ng	# 0.00
13) Acenaphthene-d10	14.517	164	6162	0.400	ng	0.00
19) Phenanthrene-d10	17.265	188	12631	0.400	ng	# 0.00
29) Chrysene-d12	21.464	240	10370	0.400	ng	0.00
35) Perylene-d12	23.872	264	8376	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	866	0.104	ng	0.00
5) Phenol-d6	7.045	99	592	0.060	ng	0.00
8) Nitrobenzene-d5	9.046	82	2015	0.236	ng	0.01
11) 2-Methylnaphthalene-d10	12.276	152	3545	0.239	ng	0.00
14) 2,4,6-Tribromophenol	16.012	330	791	0.293	ng	0.00
15) 2-Fluorobiphenyl	13.148	172	5668	0.231	ng	0.00
27) Fluoranthene-d10	19.304	212	8320	0.282	ng	0.00
31) Terphenyl-d14	19.899	244	7649	0.389	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.304	88	250	0.059	ng	# 34
24) Pentachlorophenol	16.930	266	18	0.163	ng	# 68
26) Anthracene	17.452	178	595	0.021	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.374	149	2833	0.198	ng	# 99

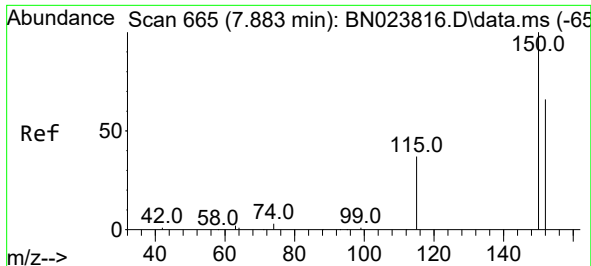
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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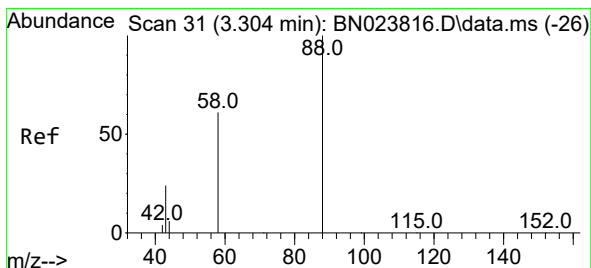
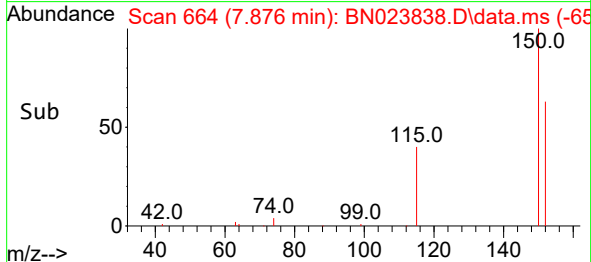
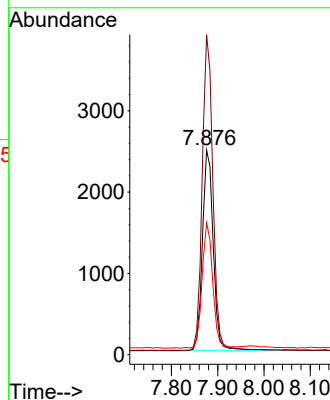
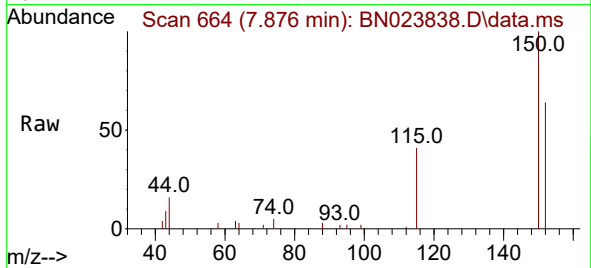




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.876 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN023838.D
Acq: 27 Jan 2023 13:52

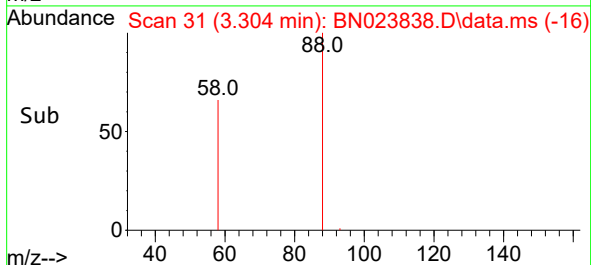
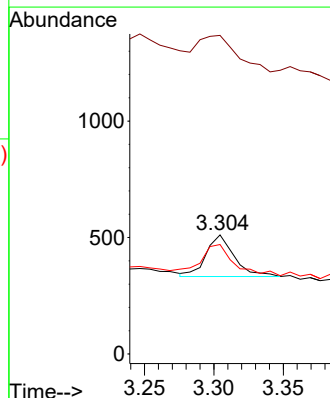
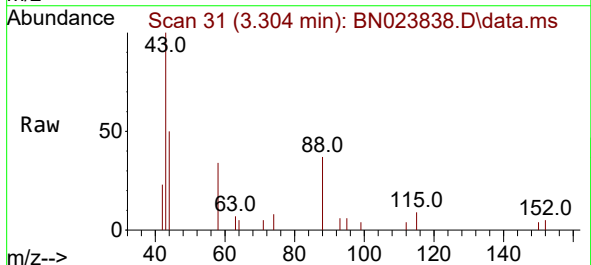
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-403-405

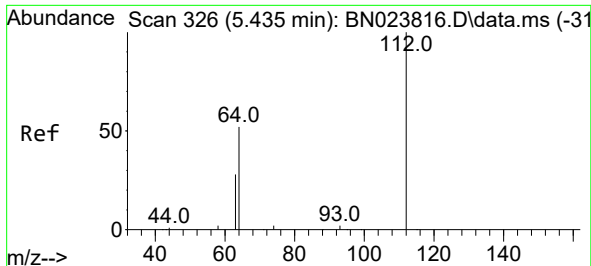
Tgt Ion:152 Resp: 4007
Ion Ratio Lower Upper
152 100
150 156.4 120.5 180.7
115 64.5 46.4 69.6



#2
1,4-Dioxane
Concen: 0.059 ng
RT: 3.304 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN023838.D
Acq: 27 Jan 2023 13:52

Tgt Ion: 88 Resp: 250
Ion Ratio Lower Upper
88 100
43 118.0 24.5 36.7#
58 92.4 56.9 85.3#

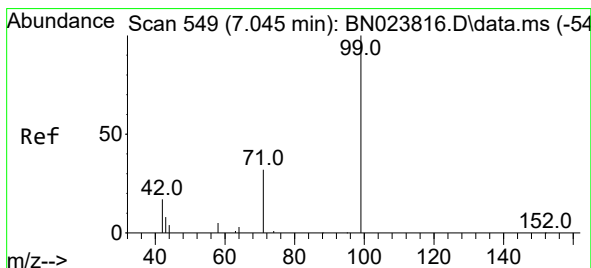
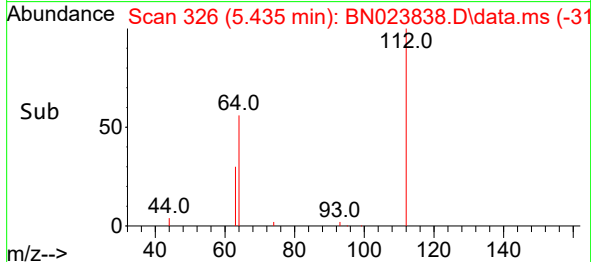
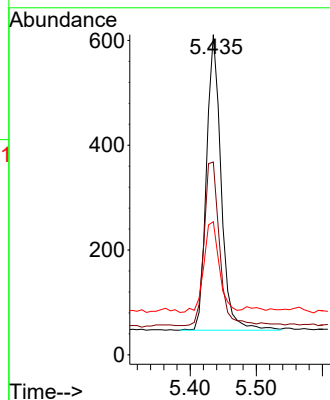
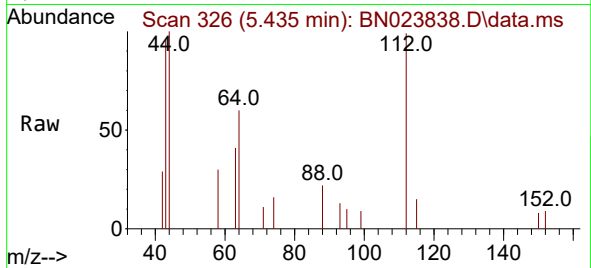




#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.435 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN023838.D
Acq: 27 Jan 2023 13:52

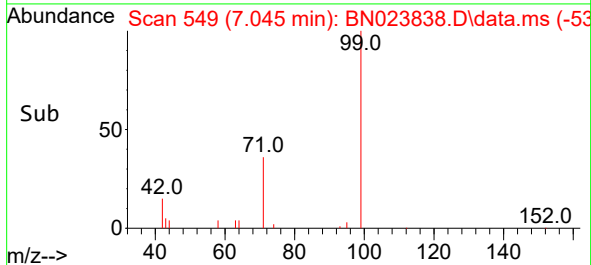
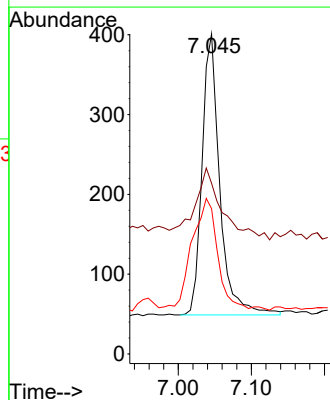
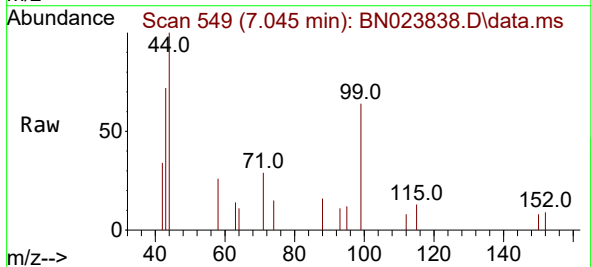
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-403-405

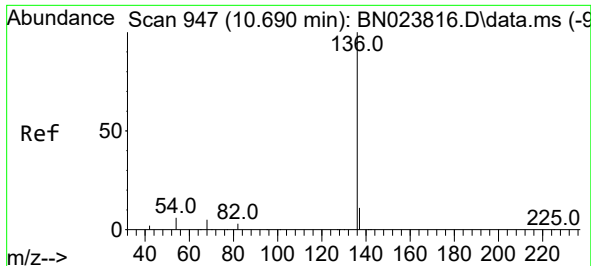
Tgt Ion:112 Resp: 866
Ion Ratio Lower Upper
112 100
64 57.9 45.7 68.5
63 32.3 24.6 37.0



#5
Phenol-d6
Concen: 0.060 ng
RT: 7.045 min Scan# 549
Delta R.T. 0.007 min
Lab File: BN023838.D
Acq: 27 Jan 2023 13:52

Tgt Ion: 99 Resp: 592
Ion Ratio Lower Upper
99 100
42 40.5 17.9 26.9#
71 58.4 27.7 41.5#

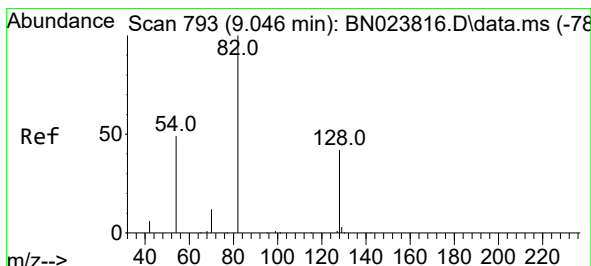
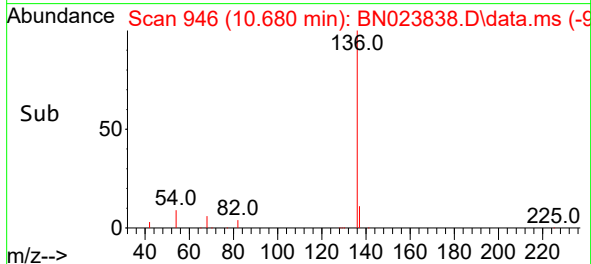
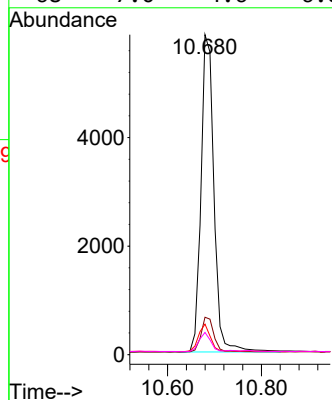
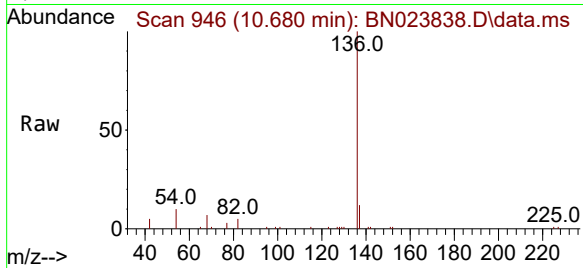




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.680 min Scan# 947
Delta R.T. 0.000 min
Lab File: BN023838.D
Acq: 27 Jan 2023 13:52

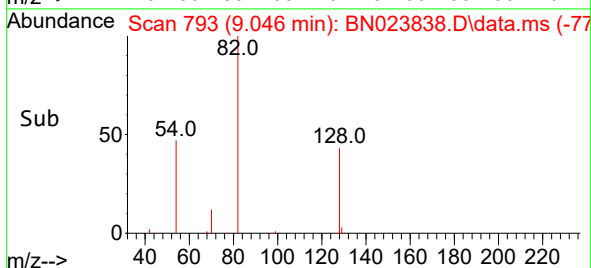
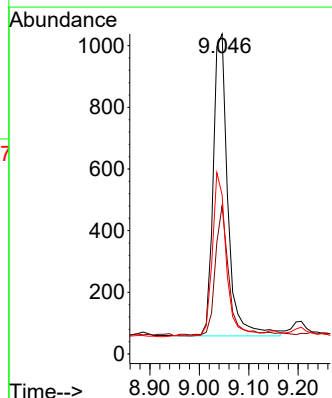
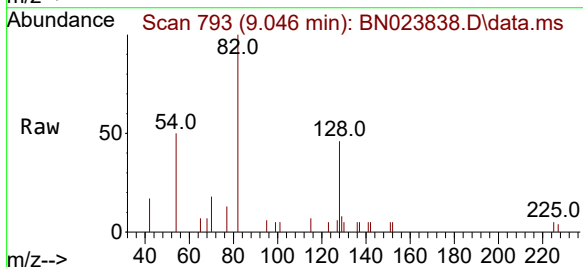
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-403-405

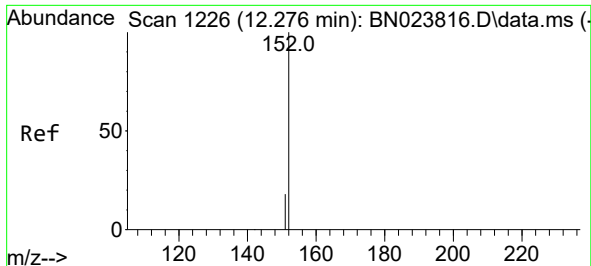
Tgt Ion:	136	Resp:	11211
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.2	13.8
54	9.6	5.4	8.2#
68	7.0	4.6	6.8#



#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 9.046 min Scan# 793
Delta R.T. 0.011 min
Lab File: BN023838.D
Acq: 27 Jan 2023 13:52

Tgt Ion:	82	Resp:	2015
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.6	53.4
54	49.7	40.2	60.4

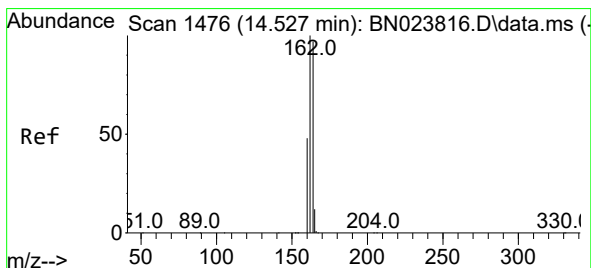
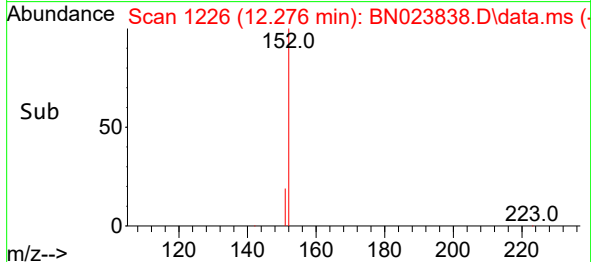
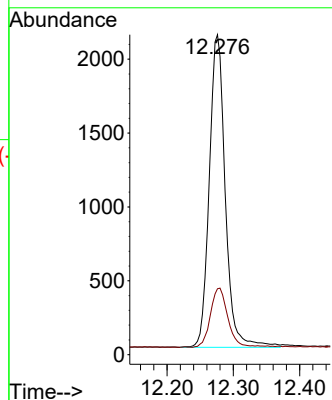
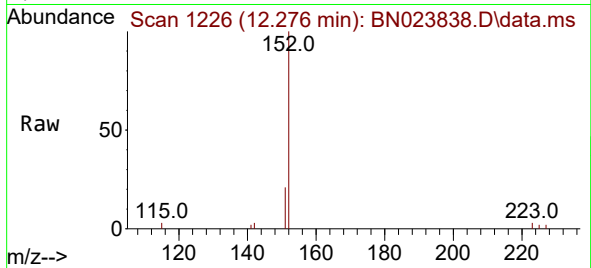




#11
2-Methylnaphthalene-d10
Concen: 0.239 ng
RT: 12.276 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN023838.D
Acq: 27 Jan 2023 13:52

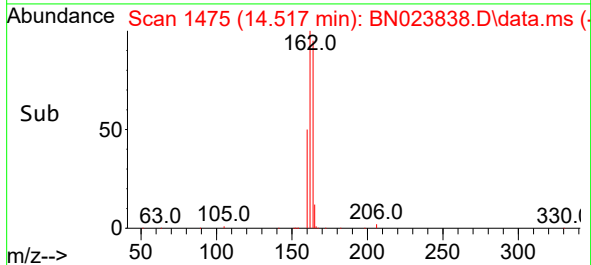
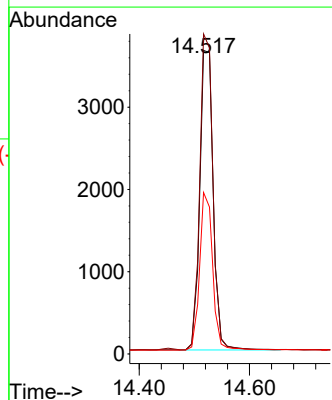
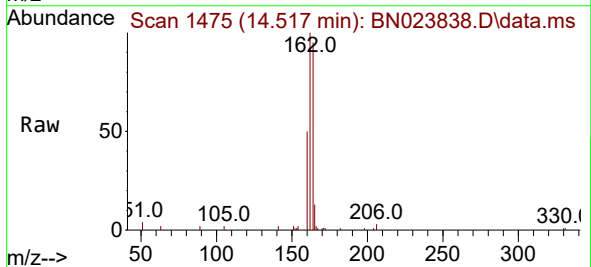
Instrument :
BNA_N
ClientSampleId :
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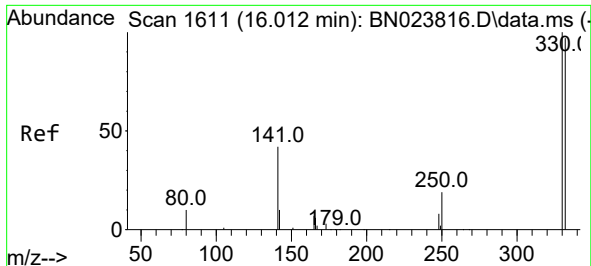
Tgt Ion:152 Resp: 3545
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.517 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN023838.D
Acq: 27 Jan 2023 13:52

Tgt Ion:164 Resp: 6162
Ion Ratio Lower Upper
164 100
162 105.4 82.5 123.7
160 53.2 39.9 59.9

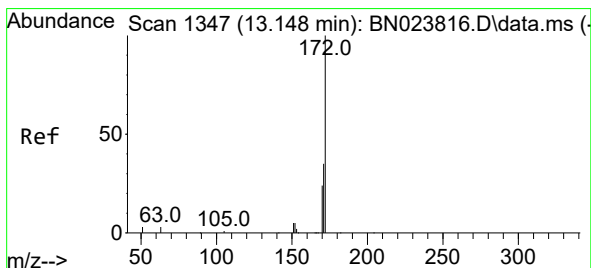
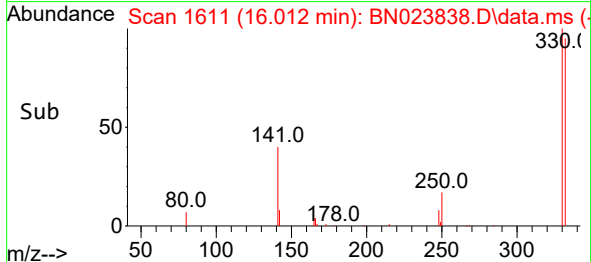
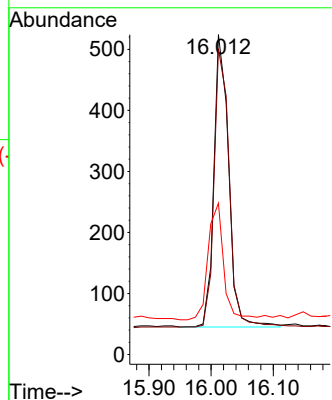
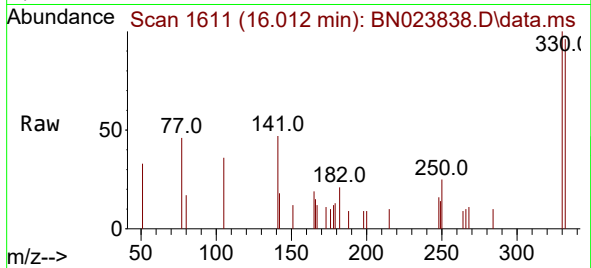




#14
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 16.012 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN023838.D
Acq: 27 Jan 2023 13:52

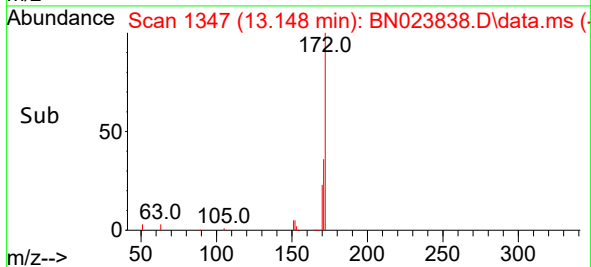
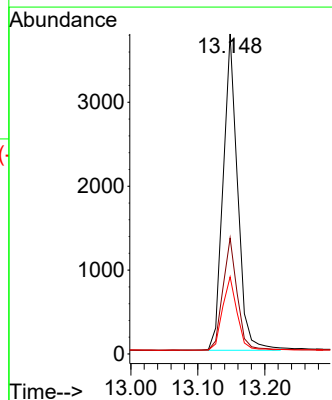
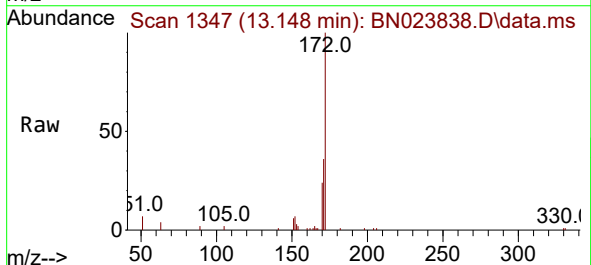
Instrument :
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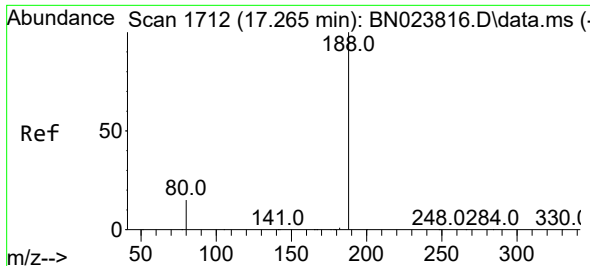
Tgt Ion:330 Resp: 791
Ion Ratio Lower Upper
330 100
332 97.5 78.8 118.2
141 42.0 33.2 49.8



#15
2-Fluorobiphenyl
Concen: 0.231 ng
RT: 13.148 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN023838.D
Acq: 27 Jan 2023 13:52

Tgt Ion:172 Resp: 5668
Ion Ratio Lower Upper
172 100
171 36.3 28.4 42.6
170 24.1 19.4 29.2

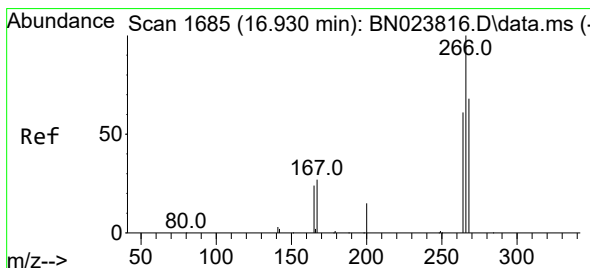
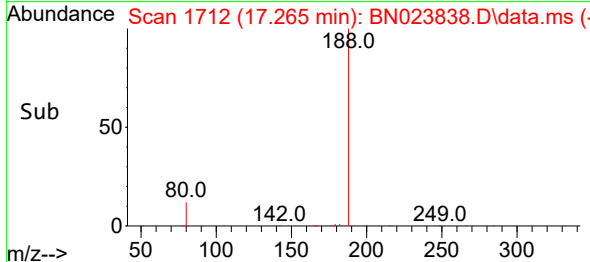
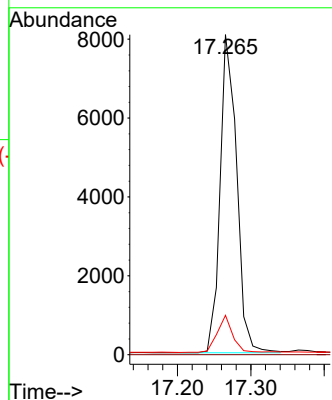
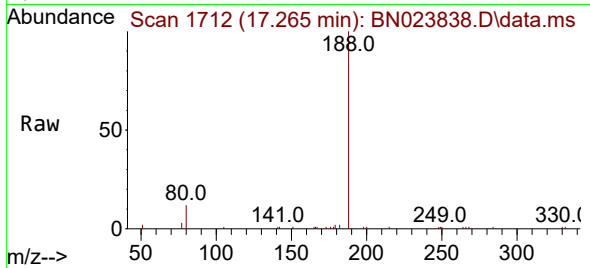




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.265 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023838.D
Acq: 27 Jan 2023 13:52

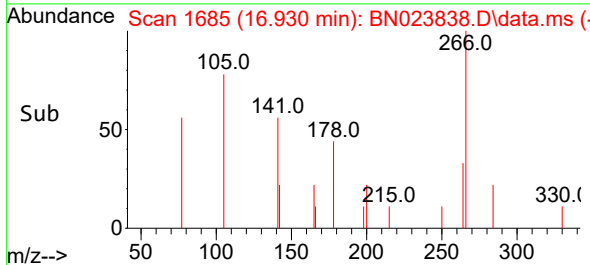
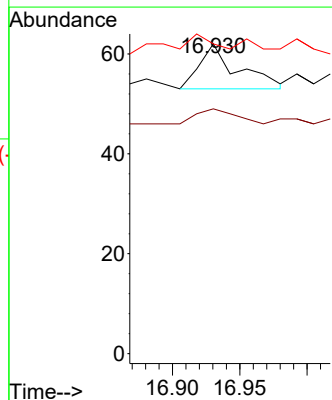
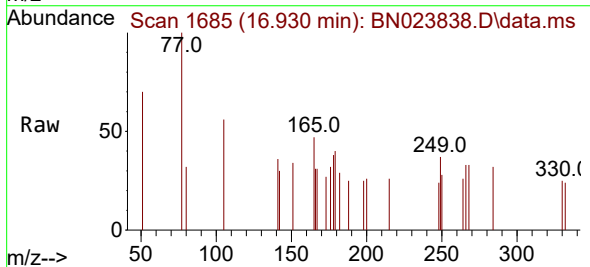
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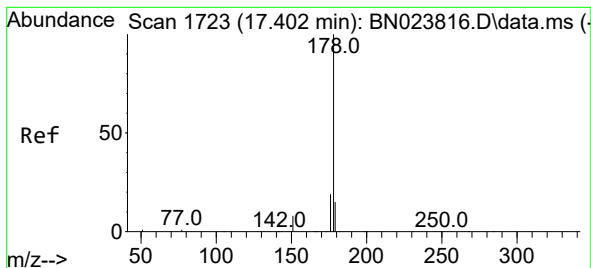
Tgt Ion:188 Resp: 12631
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 12.6 18.8#



#24
Pentachlorophenol
Concen: 0.163 ng
RT: 16.930 min Scan# 1685
Delta R.T. 0.013 min
Lab File: BN023838.D
Acq: 27 Jan 2023 13:52

Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
264 44.4 49.0 73.4#
268 94.4 50.1 75.1#





#26

Anthracene

Concen: 0.021 ng

RT: 17.452 min Scan# 1727

Delta R.T. 0.050 min

Lab File: BN023838.D

Acq: 27 Jan 2023 13:52

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-403-405

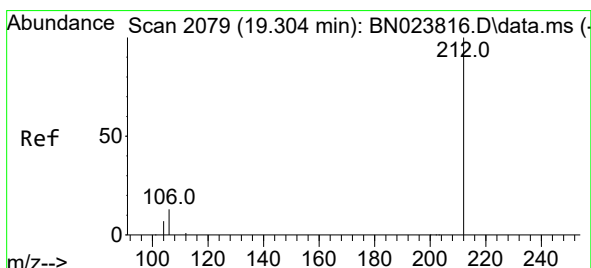
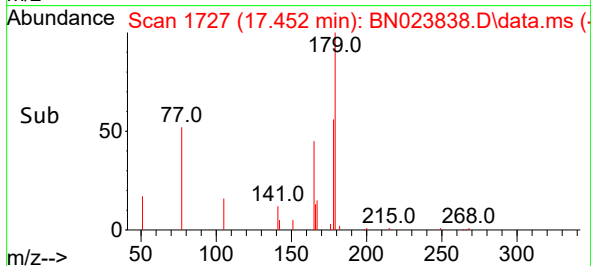
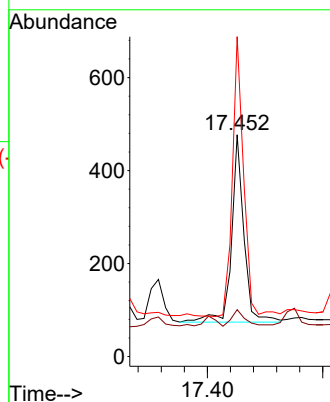
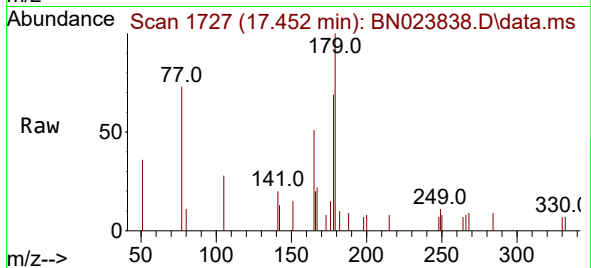
Tgt Ion:178 Resp: 595

Ion Ratio Lower Upper

178 100

176 9.9 15.0 22.6#

179 135.0 12.1 18.1#



#27

Fluoranthene-d10

Concen: 0.282 ng

RT: 19.304 min Scan# 2079

Delta R.T. 0.004 min

Lab File: BN023838.D

Acq: 27 Jan 2023 13:52

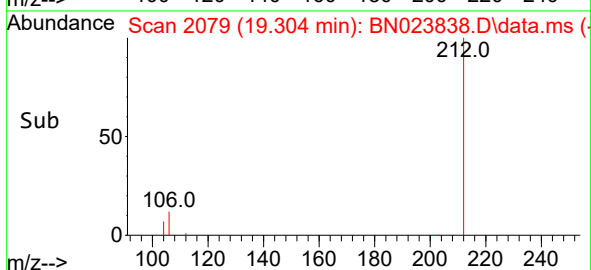
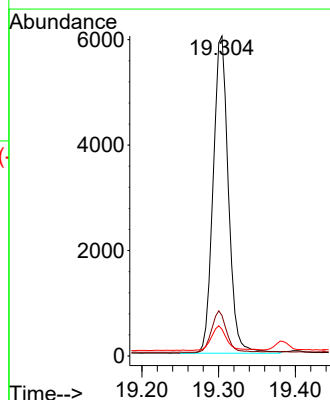
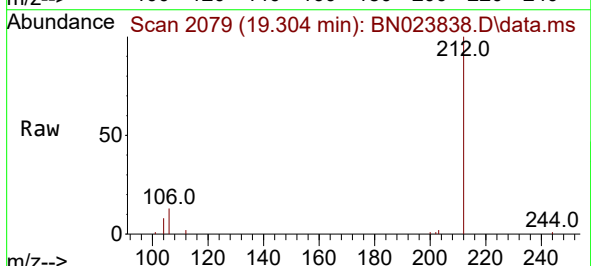
Tgt Ion:212 Resp: 8320

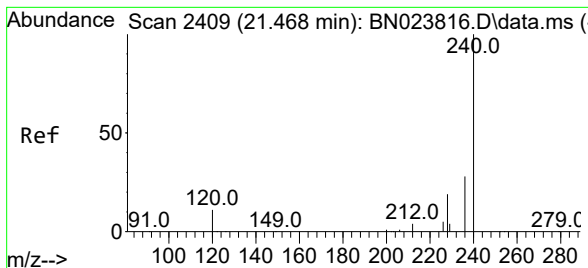
Ion Ratio Lower Upper

212 100

106 12.8 10.8 16.2

104 7.8 6.2 9.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.464 min Scan# 2408

Delta R.T. 0.005 min

Lab File: BN023838.D

Acq: 27 Jan 2023 13:52

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-403-405

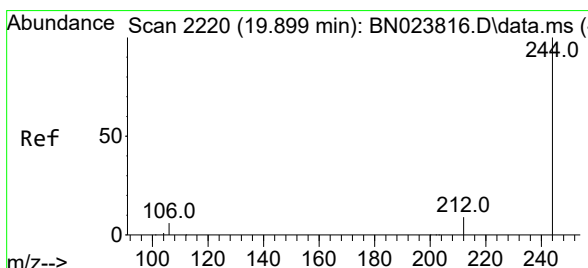
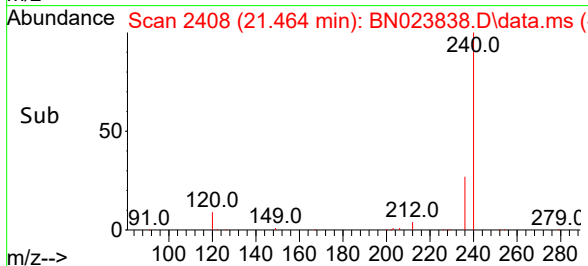
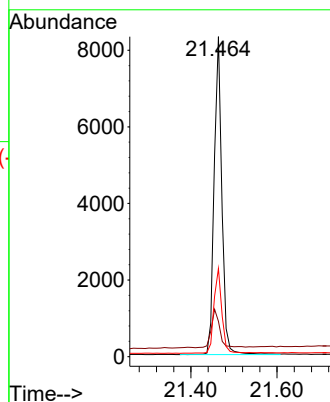
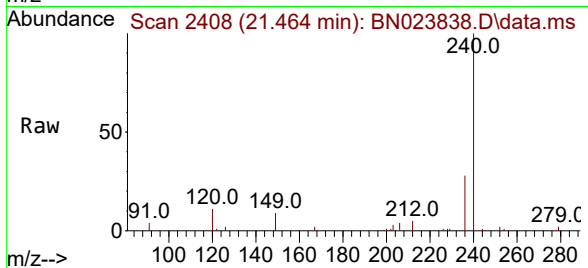
Tgt Ion:240 Resp: 10370

Ion Ratio Lower Upper

240 100

120 11.0 10.6 15.8

236 27.5 22.5 33.7



#31

Terphenyl-d14

Concen: 0.389 ng

RT: 19.899 min Scan# 2220

Delta R.T. 0.000 min

Lab File: BN023838.D

Acq: 27 Jan 2023 13:52

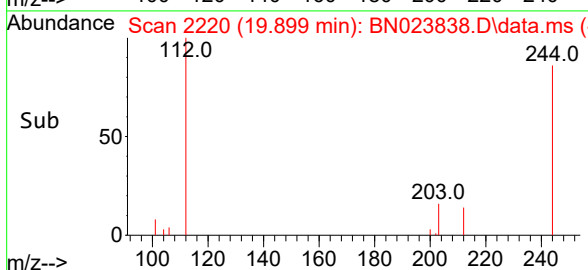
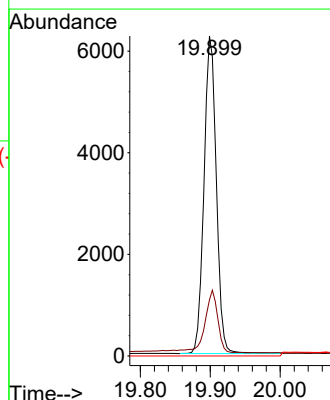
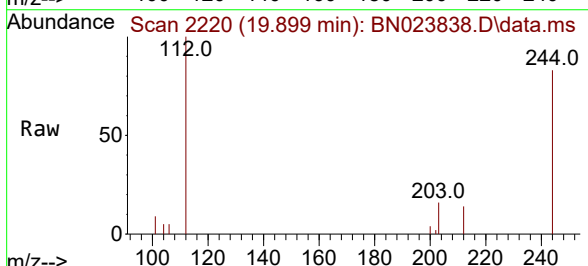
Tgt Ion:244 Resp: 7649

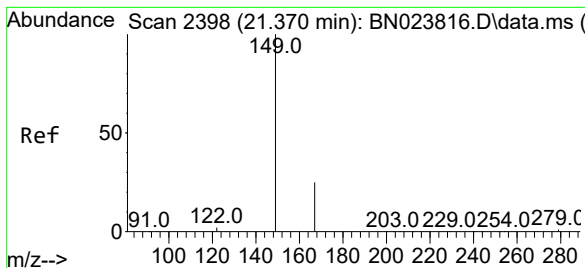
Ion Ratio Lower Upper

244 100

212 17.5 7.4 11.0#

122 0.0 0.0 0.0

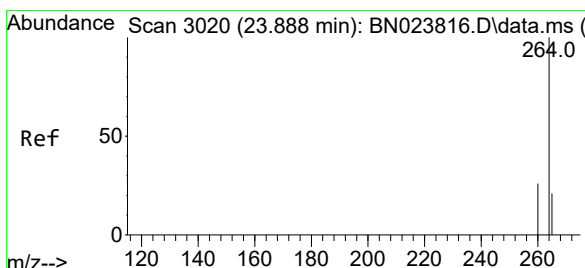
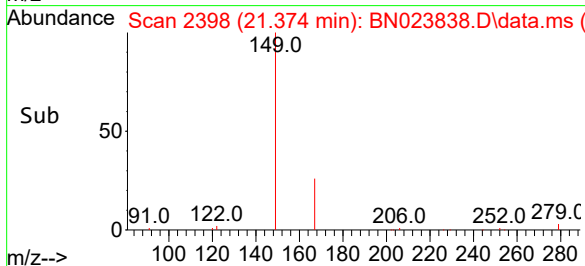
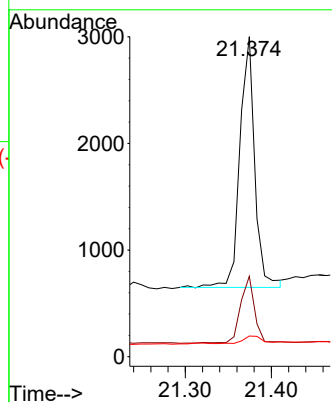
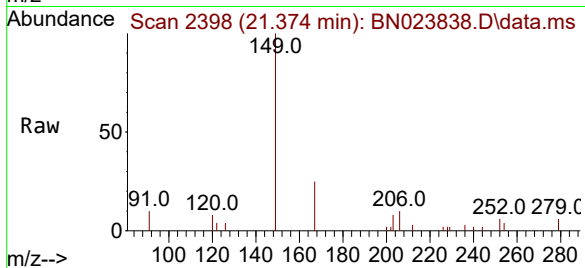




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.198 ng
 RT: 21.374 min Scan# 2135
 Delta R.T. 0.005 min
 Lab File: BN023838.D
 Acq: 27 Jan 2023 13:52

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-403-405

Tgt Ion:149 Resp: 2833
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.4 30.6
 279 3.7 2.2 3.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.872 min Scan# 3015
 Delta R.T. 0.008 min
 Lab File: BN023838.D
 Acq: 27 Jan 2023 13:52

Tgt Ion:264 Resp: 8376
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.5 32.3
 265 67.2 44.5 66.7#

