

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
 Data File : BN025878.D
 Acq On : 16 Jun 2023 11:58
 Operator : MA/JU
 Sample : 03123-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-823-825

Quant Time: Jun 17 00:55:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:10:48 2023
 Response via : Initial Calibration

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

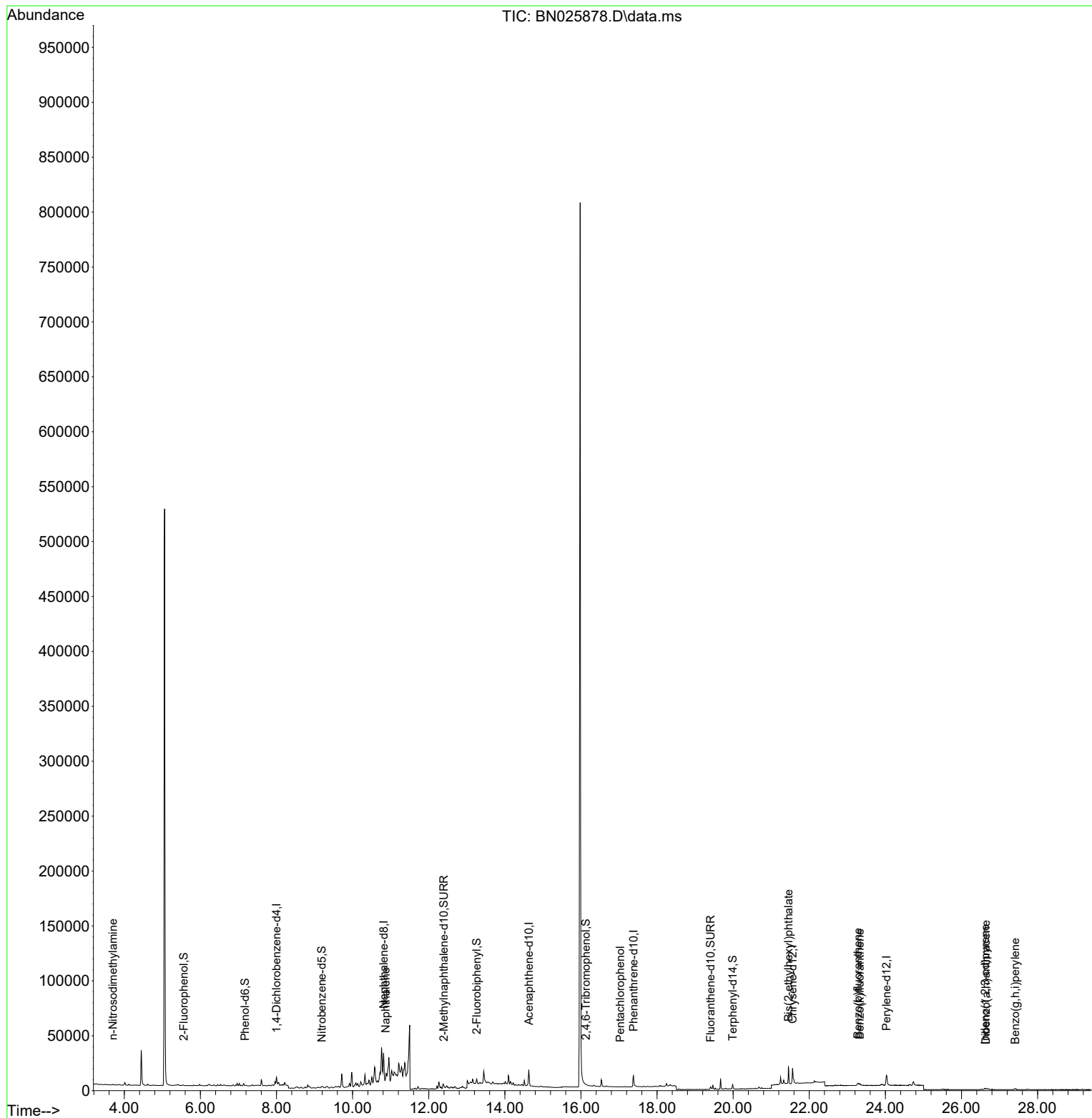
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	5011	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	13907	0.400	ng	# 0.00
13) Acenaphthene-d10	14.630	164	8469	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	16921	0.400	ng	# 0.00
29) Chrysene-d12	21.560	240	14005	0.400	ng	0.00
35) Perylene-d12	24.031	264	14836	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	465	0.033	ng	0.02
5) Phenol-d6	7.174	99	398	0.023	ng	0.02
8) Nitrobenzene-d5	9.191	82	2029	0.157	ng	0.02
11) 2-Methylnaphthalene-d10	12.400	152	3850	0.192	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	167	0.064	ng	0.00
15) 2-Fluorobiphenyl	13.262	172	4160	0.116	ng	0.00
27) Fluoranthene-d10	19.407	212	2543	0.073	ng	0.00
31) Terphenyl-d14	19.992	244	2016	0.059	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.701	42	153	0.020	ng	# 1
9) Naphthalene	10.867	128	842	0.020	ng	# 47
24) Pentachlorophenol	17.033	266	71	0.023	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.453	149	15733	0.489	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.621	276	1831	0.029	ng	# 75
37) Benzo(b)fluoranthene	23.279	252	3222	0.055	ng	# 11
38) Benzo(k)fluoranthene	23.329	252	2253	0.038	ng	# 1
40) Dibenzo(a,h)anthracene	26.642	278	1284	0.025	ng	# 1
41) Benzo(g,h,i)perylene	27.408	276	1978	0.034	ng	# 69

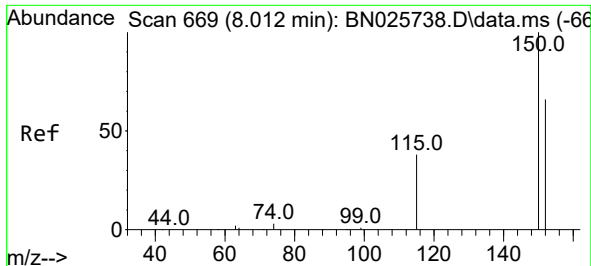
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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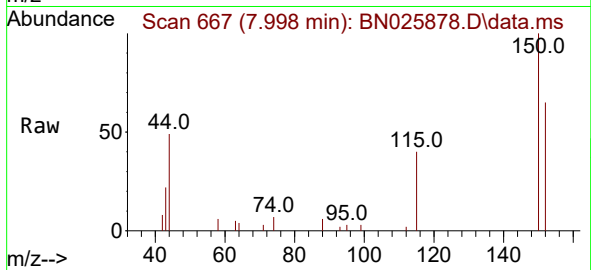
Quant Time: Jun 17 00:55:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
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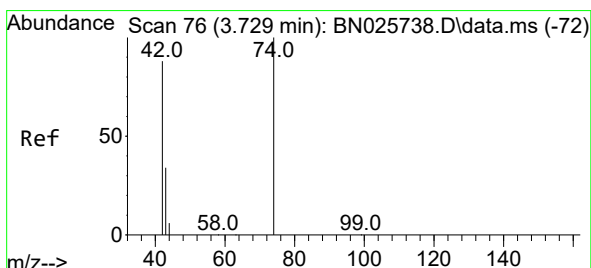
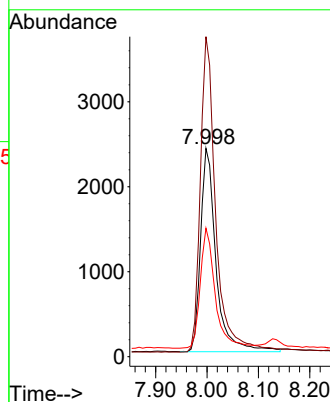
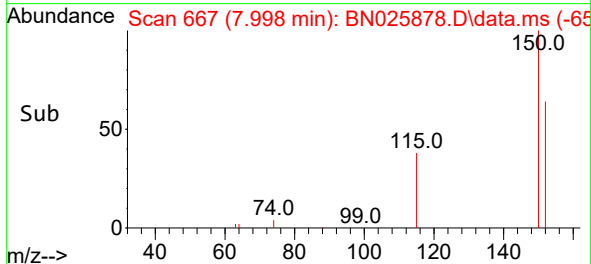


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.998 min Scan# 669
Delta R.T. -0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825

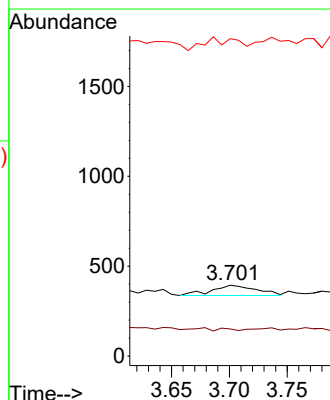
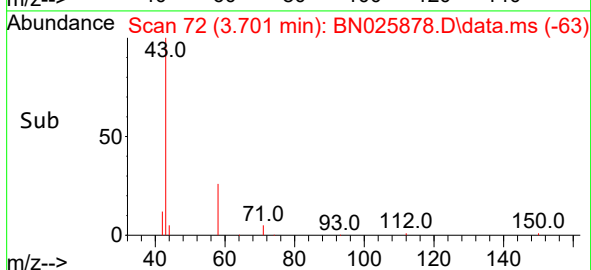
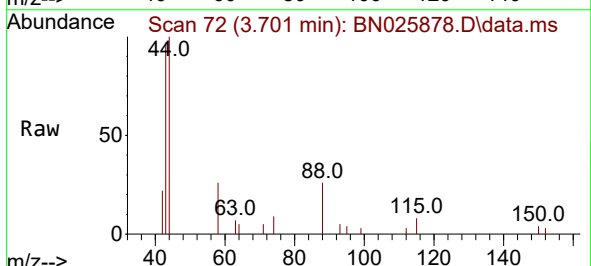


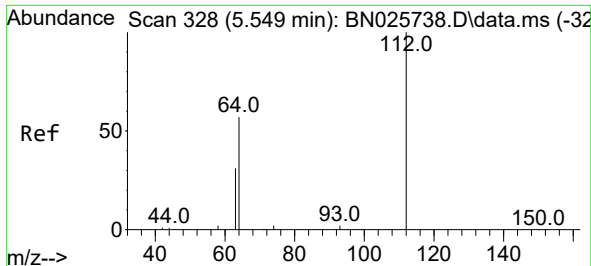
Tgt Ion:152 Resp: 5011
Ion Ratio Lower Upper
152 100
150 153.7 121.5 182.3
115 61.7 47.7 71.5



#3
n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.701 min Scan# 72
Delta R.T. -0.036 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

Tgt Ion: 42 Resp: 153
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 50.3 4.4 6.6#





#4

2-Fluorophenol

Concen: 0.033 ng

RT: 5.564 min Scan# 31

Delta R.T. 0.022 min

Lab File: BN025878.D

Acq: 16 Jun 2023 11:58

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-823-825

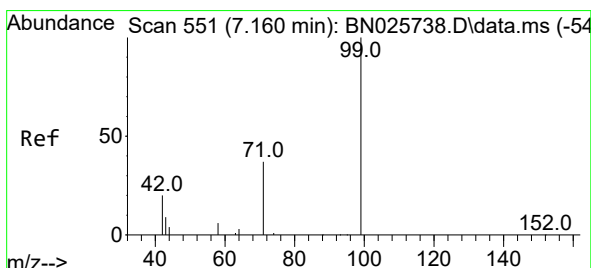
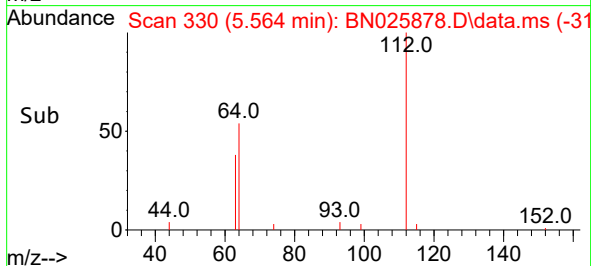
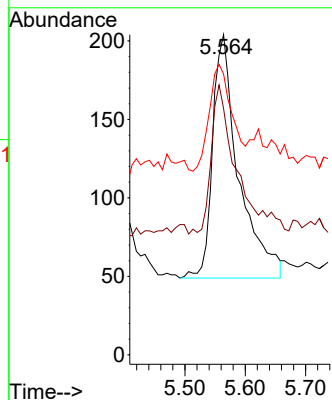
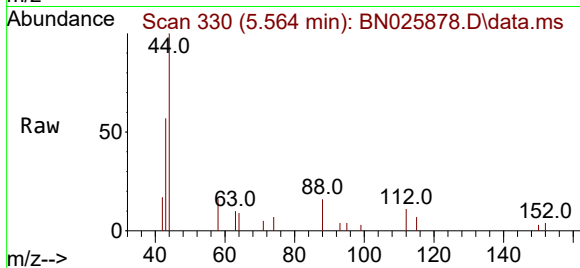
Tgt Ion:112 Resp: 465

Ion Ratio Lower Upper

112 100

64 57.6 47.5 71.3

63 38.9 26.2 39.4



#5

Phenol-d6

Concen: 0.023 ng

RT: 7.174 min Scan# 553

Delta R.T. 0.022 min

Lab File: BN025878.D

Acq: 16 Jun 2023 11:58

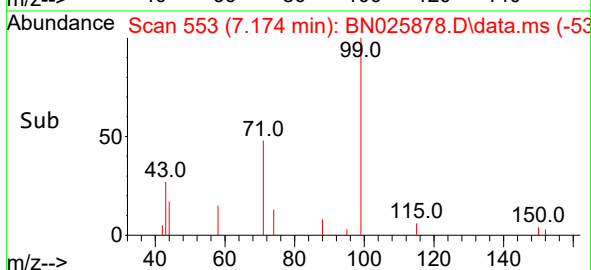
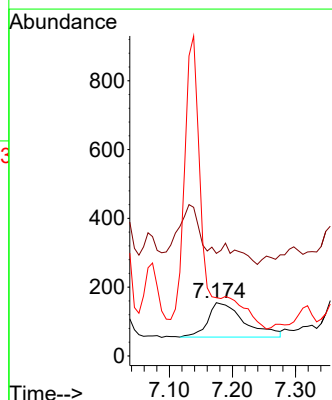
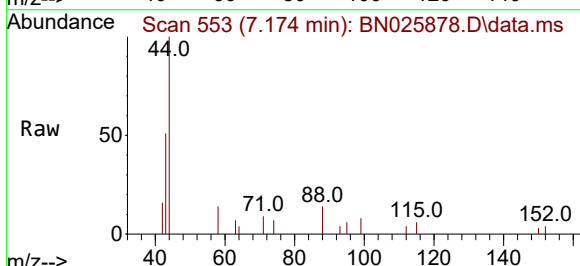
Tgt Ion: 99 Resp: 398

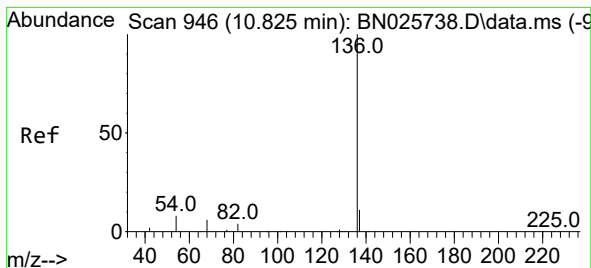
Ion Ratio Lower Upper

99 100

42 30.9 18.6 28.0#

71 0.0 30.5 45.7#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.814 min Scan# 946

Delta R.T. -0.000 min

Lab File: BN025878.D

Acq: 16 Jun 2023 11:58

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-823-825

Tgt Ion:136 Resp: 13907

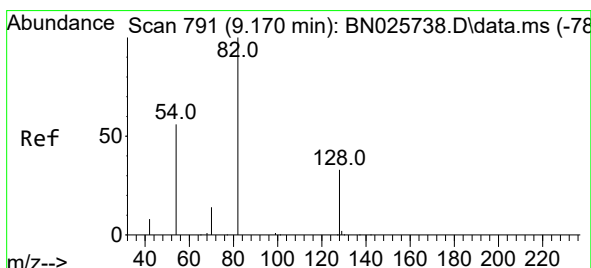
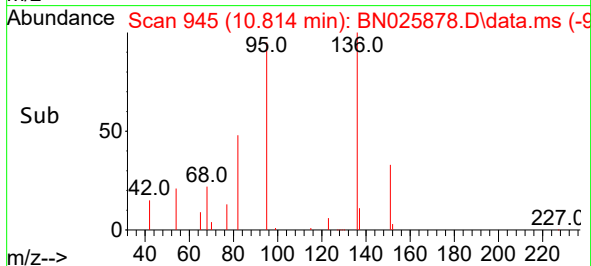
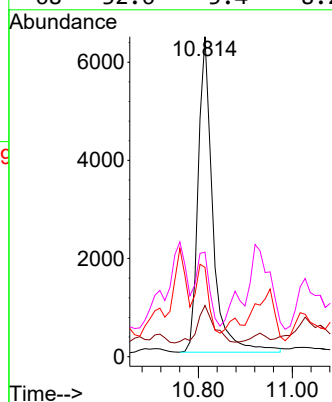
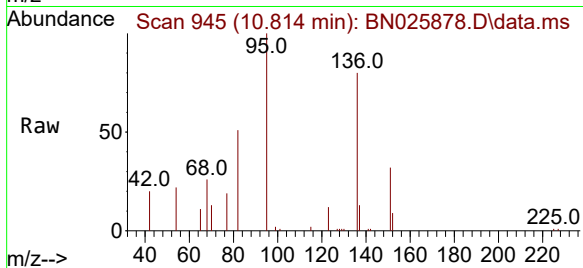
Ion Ratio Lower Upper

136 100

137 16.0 9.3 13.9#

54 27.9 7.2 10.8#

68 32.6 5.4 8.2#



#8

Nitrobenzene-d5

Concen: 0.157 ng

RT: 9.191 min Scan# 793

Delta R.T. 0.021 min

Lab File: BN025878.D

Acq: 16 Jun 2023 11:58

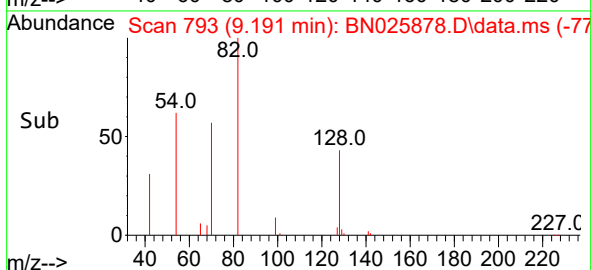
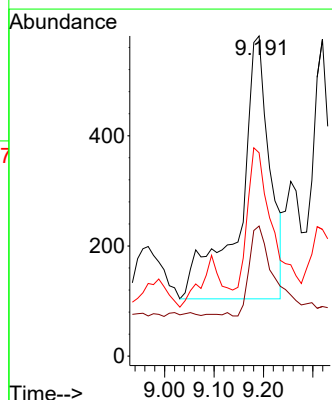
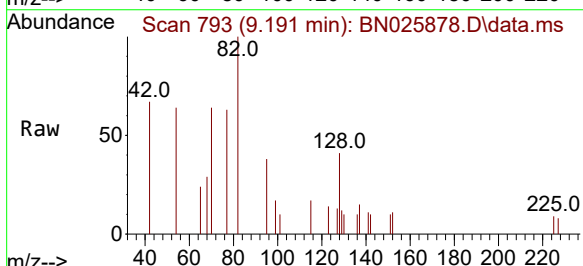
Tgt Ion: 82 Resp: 2029

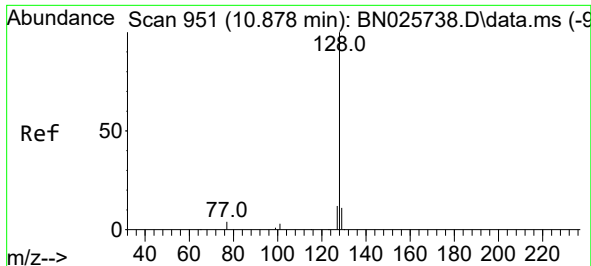
Ion Ratio Lower Upper

82 100

128 40.6 27.6 41.4

54 63.5 45.7 68.5

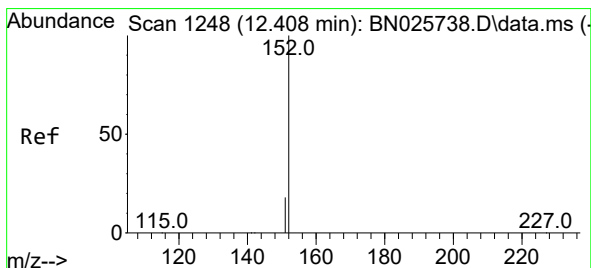
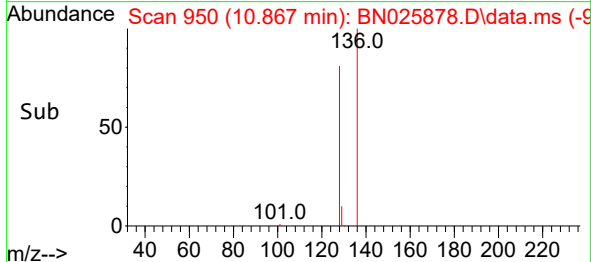
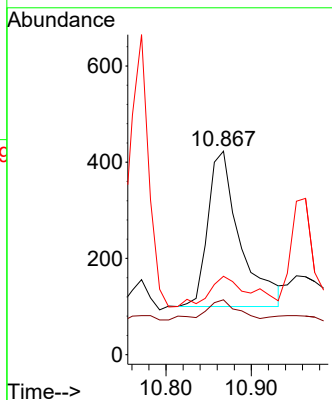
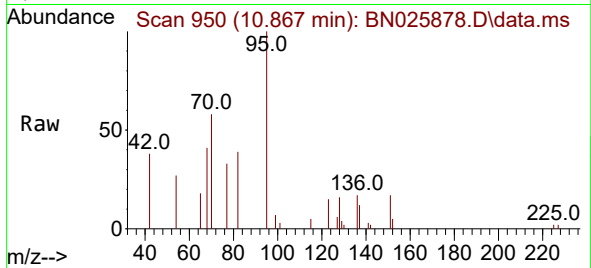




#9
Naphthalene
Concen: 0.020 ng
RT: 10.867 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

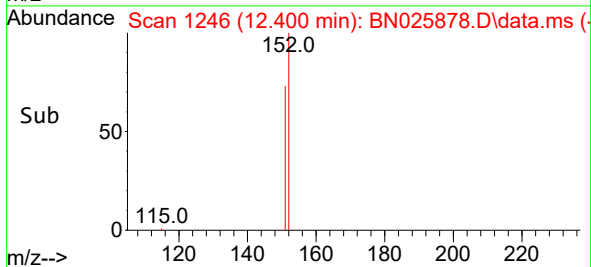
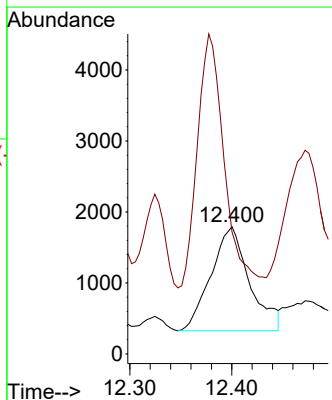
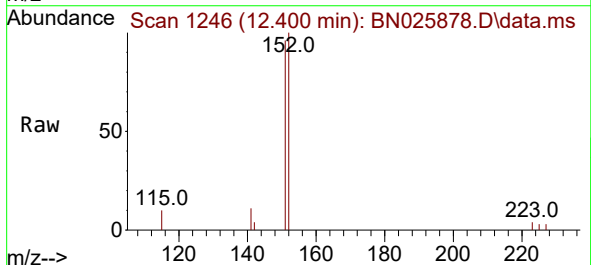
Instrument :
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BP-VPB-RW11-GW-823-825

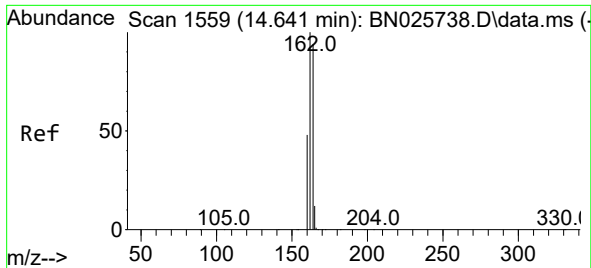
Tgt Ion:128 Resp: 842
Ion Ratio Lower Upper
128 100
129 27.0 9.1 13.7#
127 38.5 10.3 15.5#



#11
2-Methylnaphthalene-d10
Concen: 0.192 ng
RT: 12.400 min Scan# 1246
Delta R.T. 0.004 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

Tgt Ion:152 Resp: 3850
Ion Ratio Lower Upper
152 100
151 0.0 16.4 24.6#

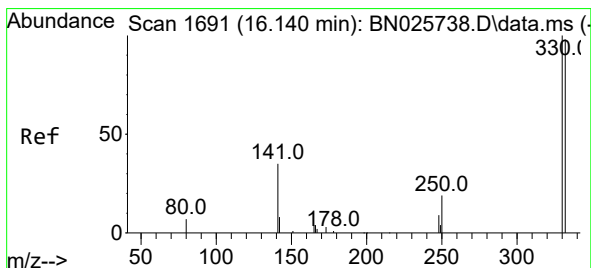
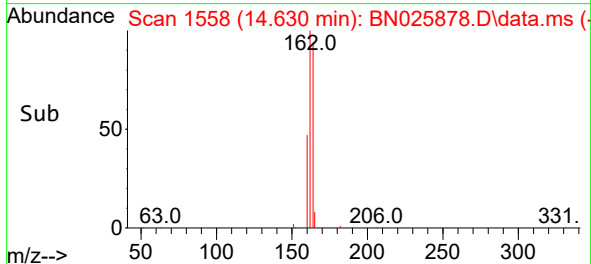
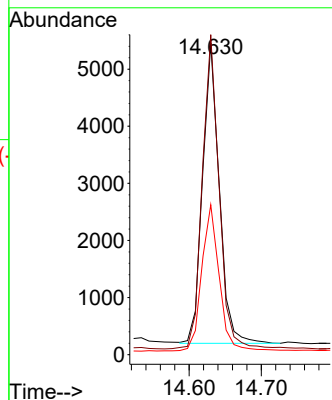
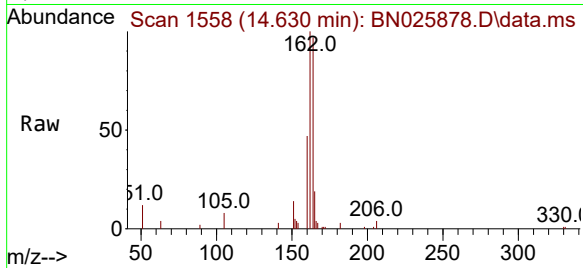




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

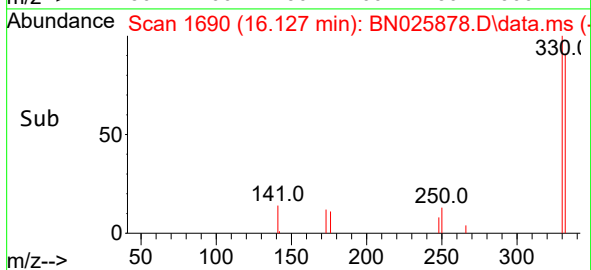
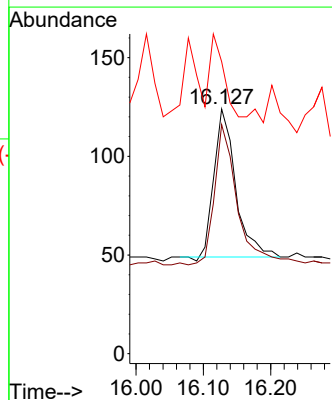
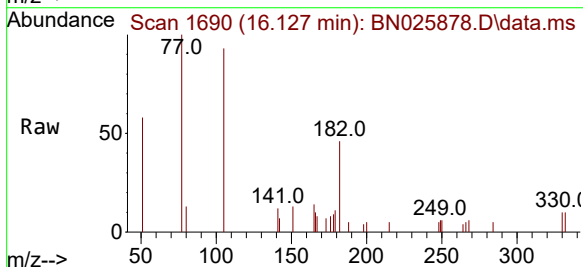
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BP-VPB-RW11-GW-823-825

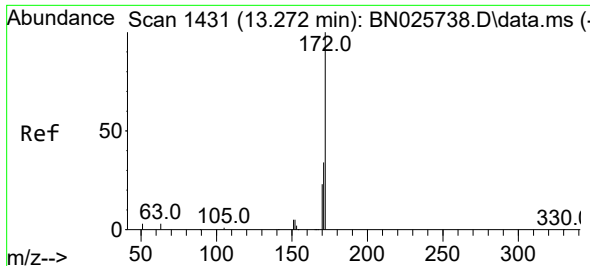
Tgt Ion:164 Resp: 8469
Ion Ratio Lower Upper
164 100
162 102.7 85.0 127.6
160 48.1 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 0.064 ng
RT: 16.127 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

Tgt Ion:330 Resp: 167
Ion Ratio Lower Upper
330 100
332 98.8 77.3 115.9
141 34.1 55.0 82.6#

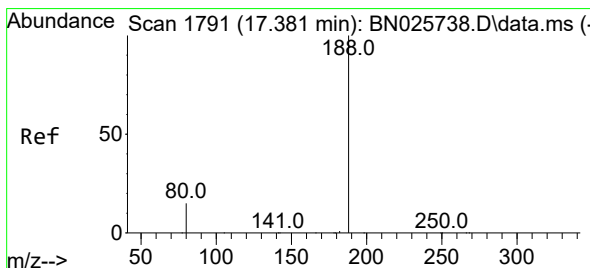
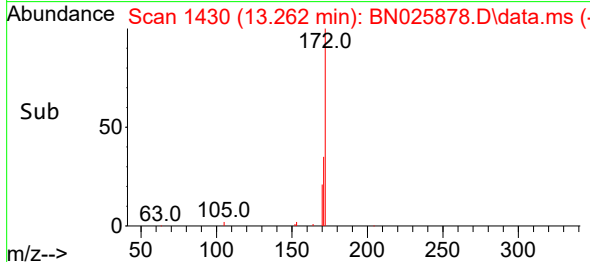
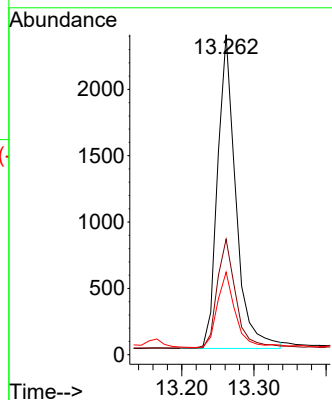
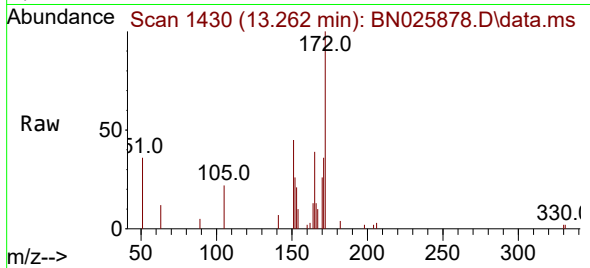




#15
2-Fluorobiphenyl
Concen: 0.116 ng
RT: 13.262 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

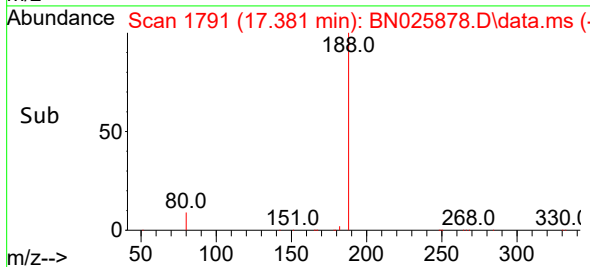
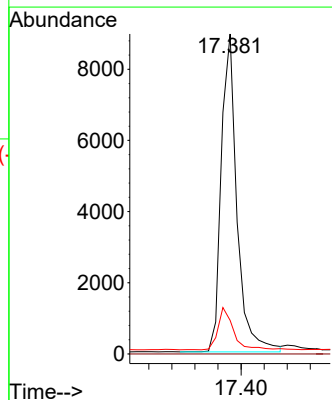
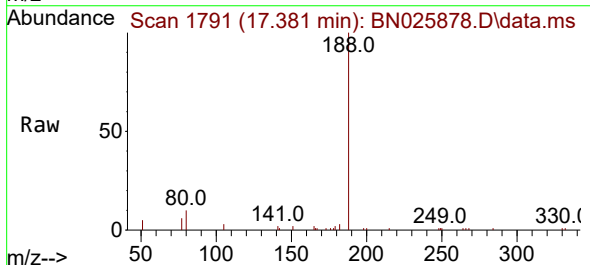
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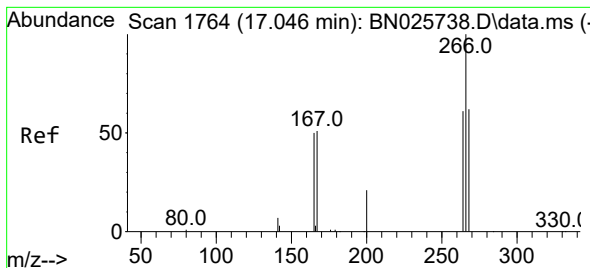
Tgt Ion:	172	Resp:	4160
Ion Ratio	Lower	Upper	
172	100		
171	36.1	27.3	40.9
170	25.8	18.6	28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

Tgt Ion:	188	Resp:	16921
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.5	12.1	18.1





#24

Pentachlorophenol

Concen: 0.023 ng

RT: 17.033 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN025878.D

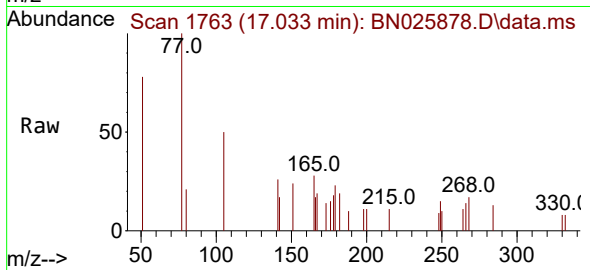
Acq: 16 Jun 2023 11:58

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-823-825



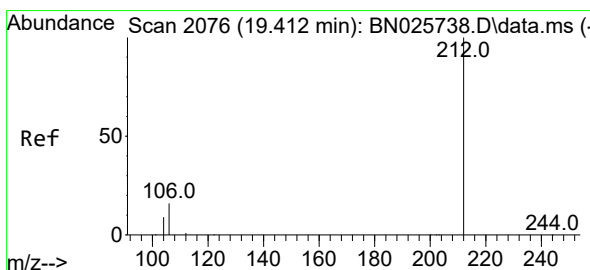
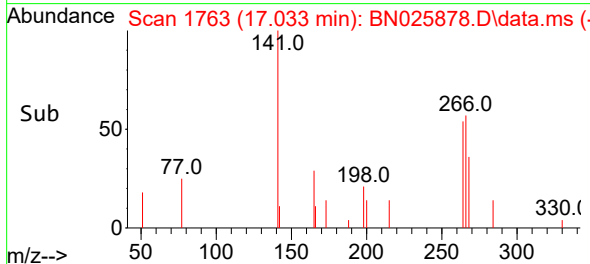
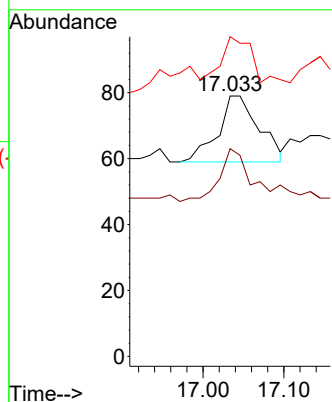
Tgt Ion:266 Resp: 71

Ion Ratio Lower Upper

266 100

264 74.6 48.6 73.0#

268 50.7 51.8 77.6#



#27

Fluoranthene-d10

Concen: 0.073 ng

RT: 19.407 min Scan# 2075

Delta R.T. -0.000 min

Lab File: BN025878.D

Acq: 16 Jun 2023 11:58

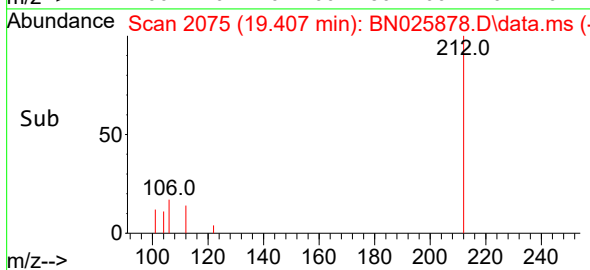
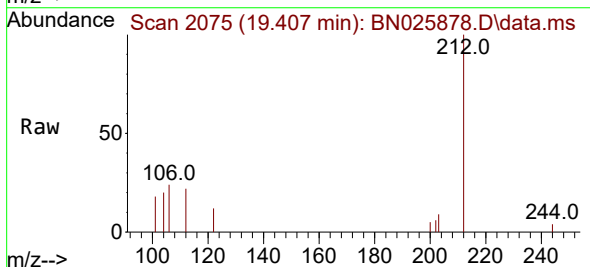
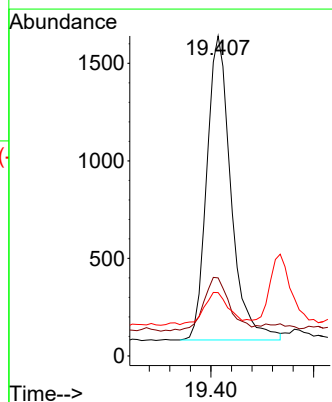
Tgt Ion:212 Resp: 2543

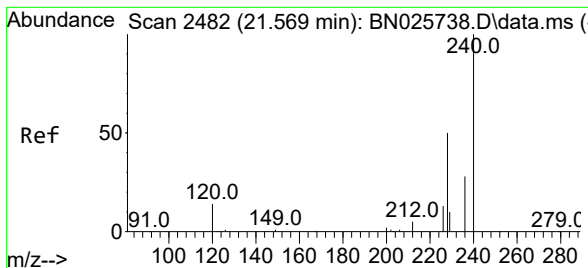
Ion Ratio Lower Upper

212 100

106 19.7 13.0 19.6#

104 11.1 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.560 min Scan# 2482

Delta R.T. -0.000 min

Lab File: BN025878.D

Acq: 16 Jun 2023 11:58

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-823-825

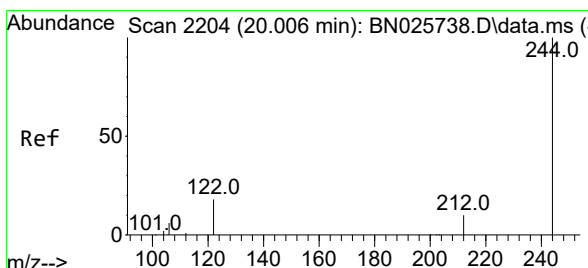
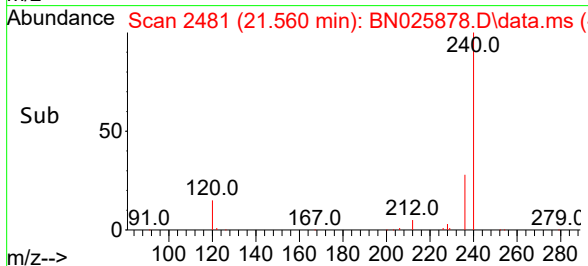
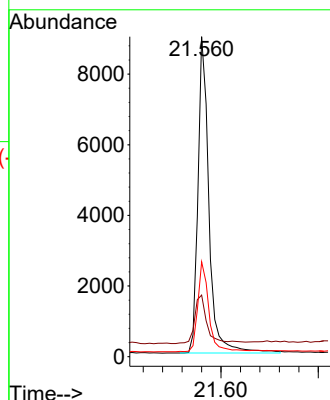
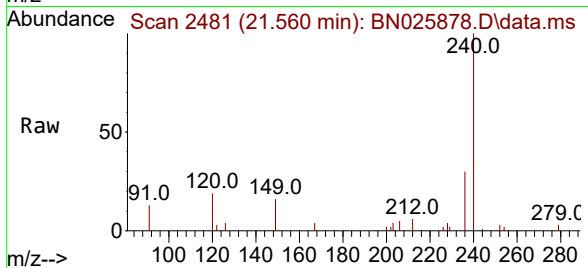
Tgt Ion:240 Resp: 14005

Ion Ratio Lower Upper

240 100

120 19.3 13.2 19.8

236 29.7 23.1 34.7



#31

Terphenyl-d14

Concen: 0.059 ng

RT: 19.992 min Scan# 2201

Delta R.T. -0.005 min

Lab File: BN025878.D

Acq: 16 Jun 2023 11:58

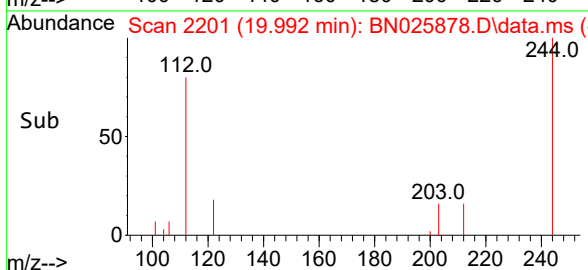
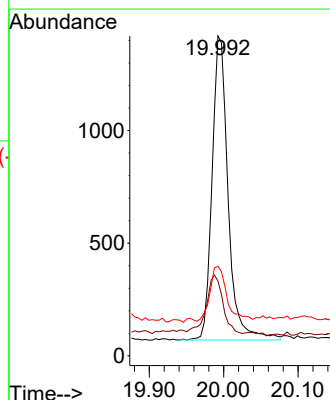
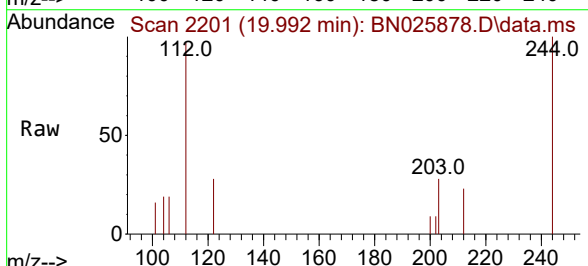
Tgt Ion:244 Resp: 2016

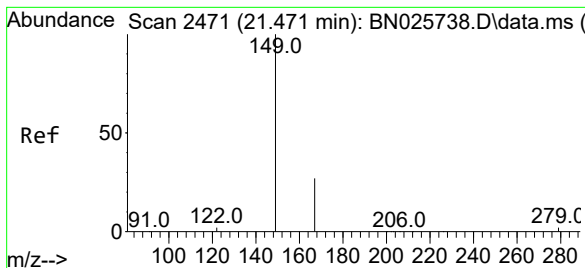
Ion Ratio Lower Upper

244 100

212 23.4 8.6 12.8#

122 28.0 15.2 22.8#

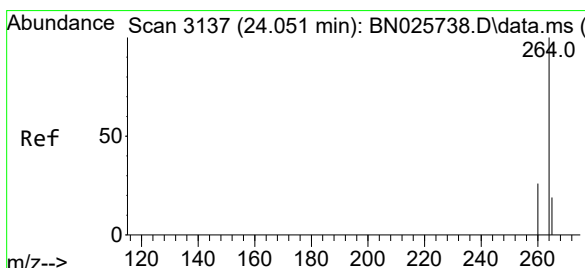
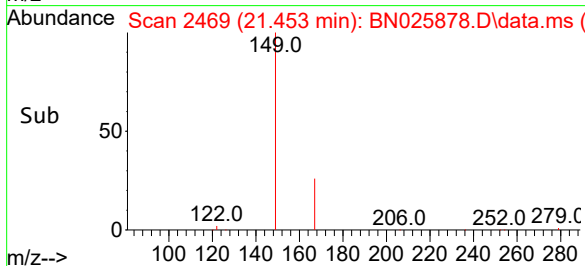
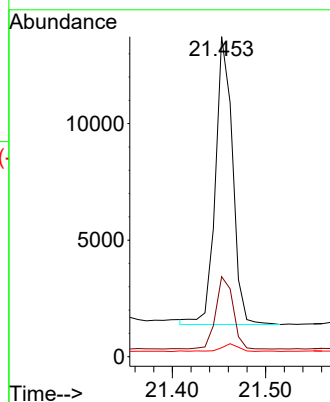
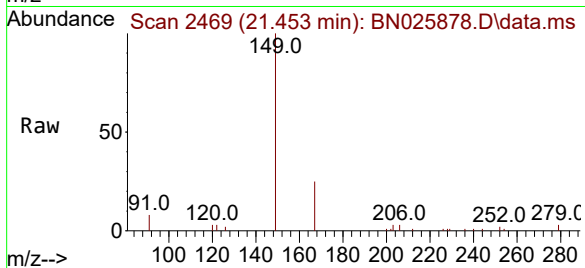




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.489 ng
 RT: 21.453 min Scan# 2469
 Delta R.T. 0.000 min
 Lab File: BN025878.D
 Acq: 16 Jun 2023 11:58

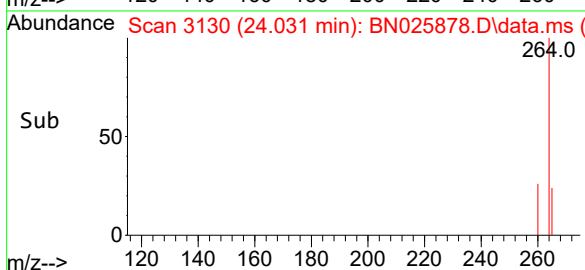
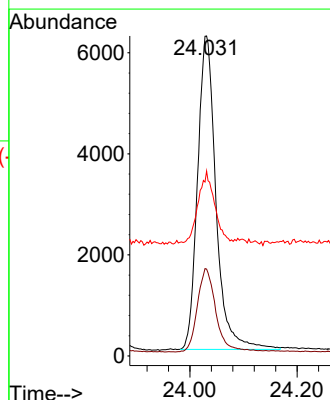
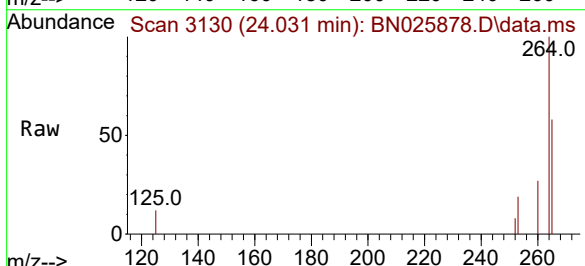
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-823-825

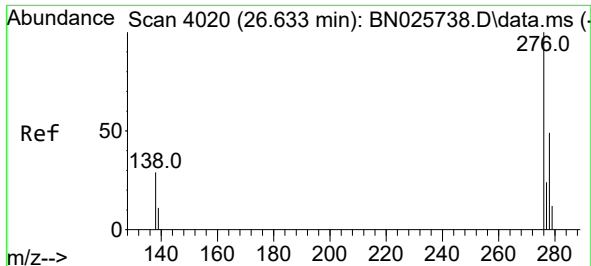
Tgt Ion:149 Resp: 15733
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.6
 279 2.8 2.2 3.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.031 min Scan# 3130
 Delta R.T. -0.009 min
 Lab File: BN025878.D
 Acq: 16 Jun 2023 11:58

Tgt Ion:264 Resp: 14836
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 57.8 44.7 67.1

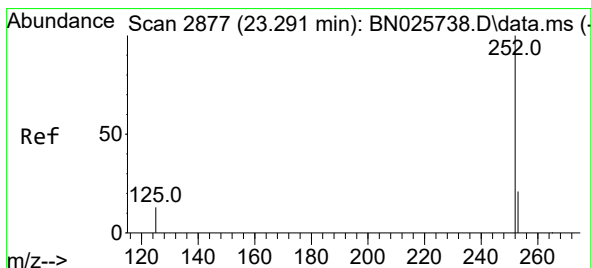
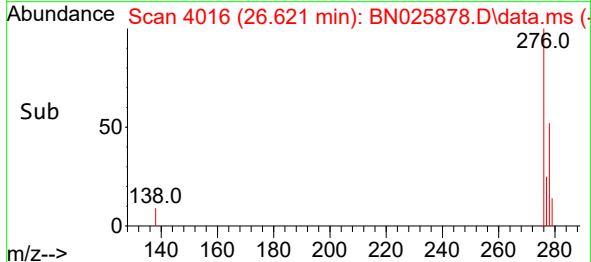
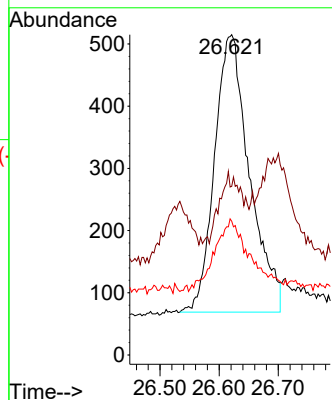
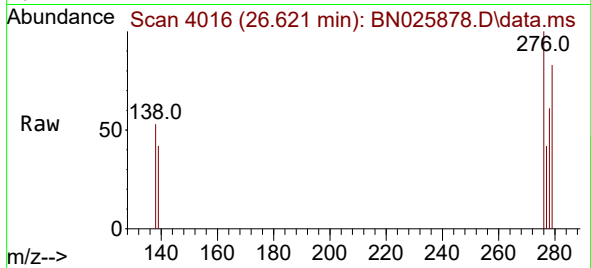




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.029 ng
 RT: 26.621 min Scan# 4016
 Delta R.T. -0.018 min
 Lab File: BN025878.D
 Acq: 16 Jun 2023 11:58

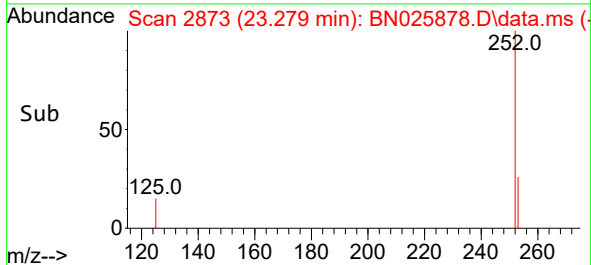
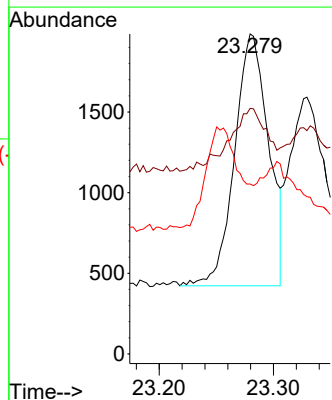
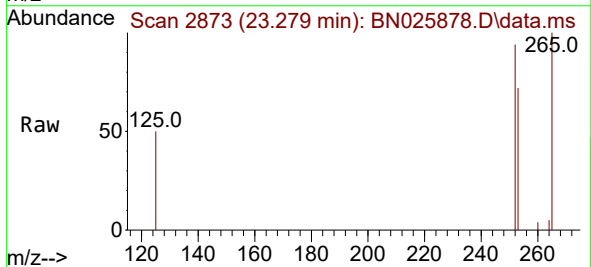
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-823-825

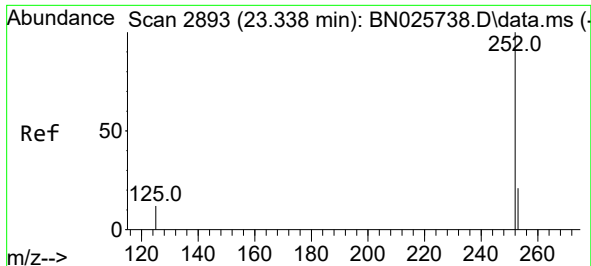
Tgt Ion:276 Resp: 1831
 Ion Ratio Lower Upper
 276 100
 138 8.7 26.1 39.1#
 277 24.9 19.4 29.2



#37
 Benzo(b)fluoranthene
 Concen: 0.055 ng
 RT: 23.279 min Scan# 2873
 Delta R.T. -0.003 min
 Lab File: BN025878.D
 Acq: 16 Jun 2023 11:58

Tgt Ion:252 Resp: 3222
 Ion Ratio Lower Upper
 252 100
 253 76.8 23.4 35.0#
 125 53.1 12.3 18.5#

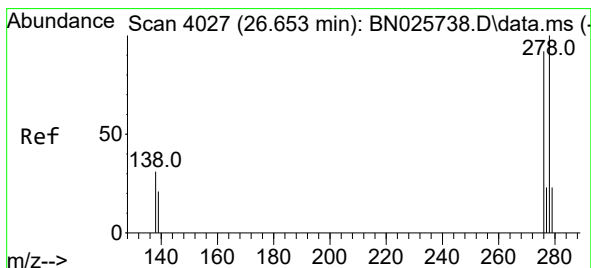
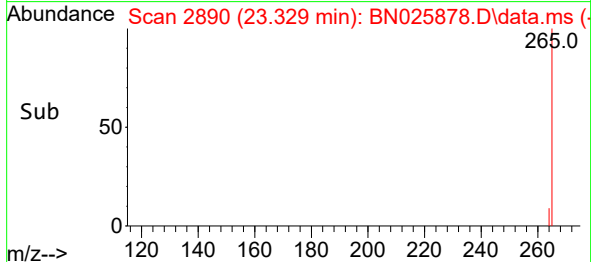
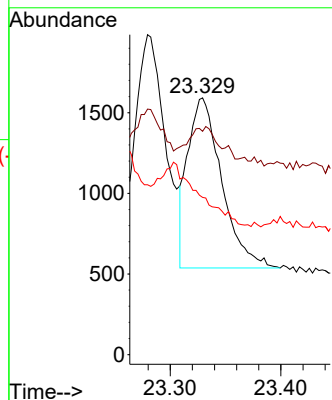
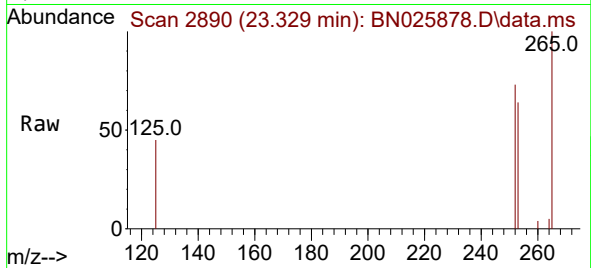




#38
Benzo(k)fluoranthene
Concen: 0.038 ng
RT: 23.329 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

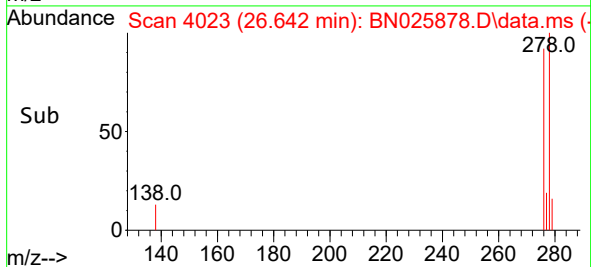
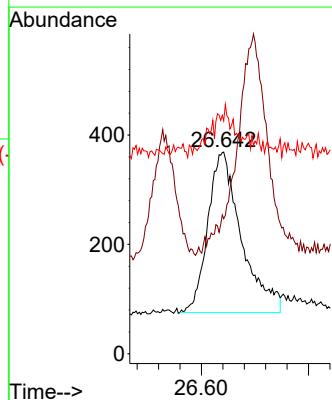
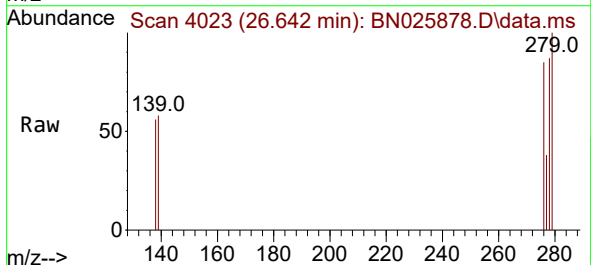
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825

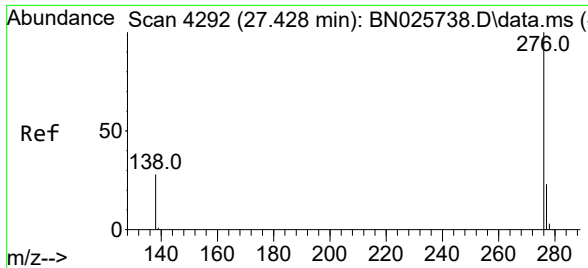
Tgt Ion:252 Resp: 2253
Ion Ratio Lower Upper
252 100
253 87.0 24.2 36.4#
125 61.2 12.2 18.2#



#40
Dibenzo(a,h)anthracene
Concen: 0.025 ng
RT: 26.642 min Scan# 4023
Delta R.T. -0.015 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

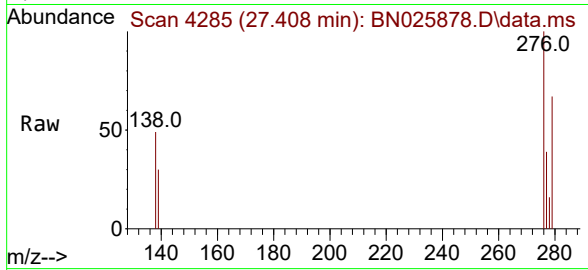
Tgt Ion:278 Resp: 1284
Ion Ratio Lower Upper
278 100
139 66.9 18.7 28.1#
279 115.4 25.1 37.7#





#41
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 27.408 min Scan# 41
Delta R.T. -0.029 min
Lab File: BN025878.D
Acq: 16 Jun 2023 11:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-823-825



Tgt Ion: 276 Resp: 1978

Ion	Ratio	Lower	Upper
276	100		
277	39.0	20.2	30.2#
138	49.2	24.2	36.4#

