

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
 Data File : BN023133.D
 Acq On : 12 Dec 2022 13:41
 Operator : CG/JU
 Sample : N5966-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-113-127-120822

Quant Time: Dec 12 15:51:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

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

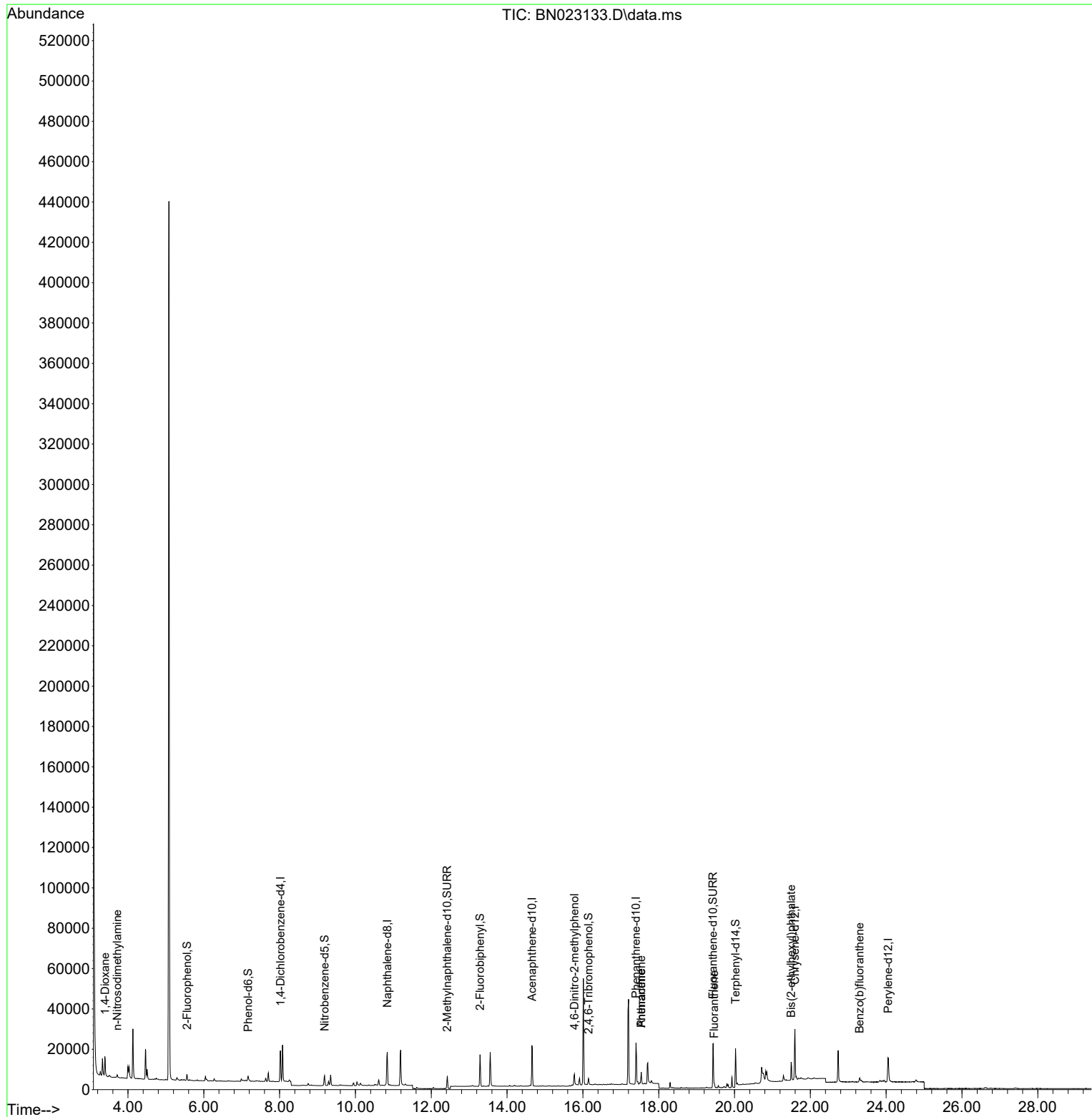
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	7312	0.400	ng	0.00
7) Naphthalene-d8	10.840	136	22048	0.400	ng	0.00
13) Acenaphthene-d10	14.655	164	11683	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	26039	0.400	ng	# 0.00
29) Chrysene-d12	21.593	240	22375	0.400	ng	# 0.00
35) Perylene-d12	24.051	264	18114	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	2364	0.174	ng	0.00
5) Phenol-d6	7.168	99	2036	0.118	ng	0.00
8) Nitrobenzene-d5	9.185	82	3830	0.264	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	7656	0.205	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	1559	0.368	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	12650	0.271	ng	0.00
27) Fluoranthene-d10	19.435	212	21253	0.349	ng	0.00
31) Terphenyl-d14	20.026	244	12957	0.357	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.398	88	6321	0.876	ng	# 91
3) n-Nitrosodimethylamine	3.716	42	224	0.032	ng	# 2
20) 4,6-Dinitro-2-methylph...	15.776	198	24	0.237	ng	# 1
25) Phenanthrene	17.538	178	6329	0.082	ng	99
26) Anthracene	17.538	178	6329	0.102	ng	99
28) Fluoranthene	19.464	202	1669	0.020	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.495	149	8244	0.270	ng	99
37) Benzo(b)fluoranthene	23.300	252	2893	0.039	ng	# 29

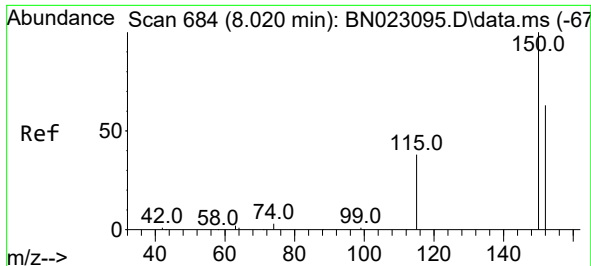
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
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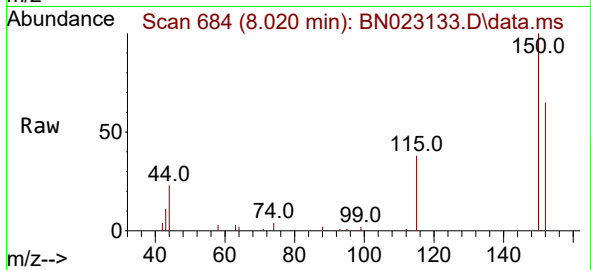
Quant Time: Dec 12 15:51:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
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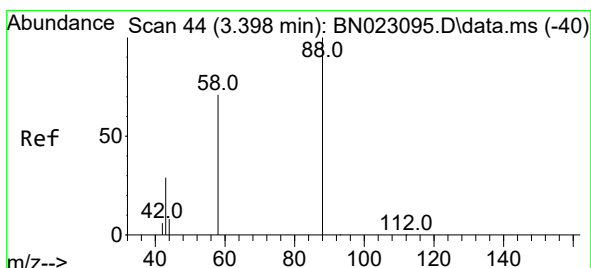
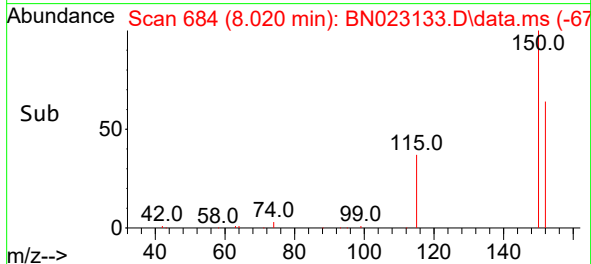
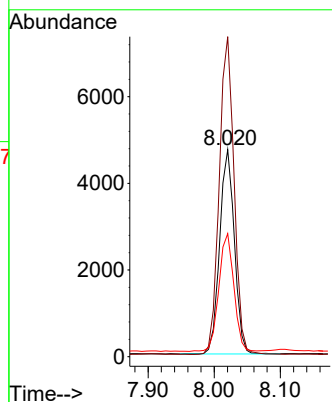
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.020 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN023133.D
 Acq: 12 Dec 2022 13:41

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-113-127-120822



Tgt Ion:152 Resp: 7312

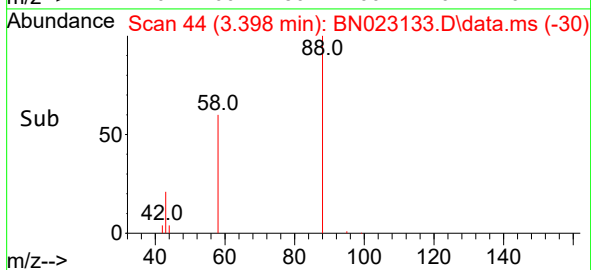
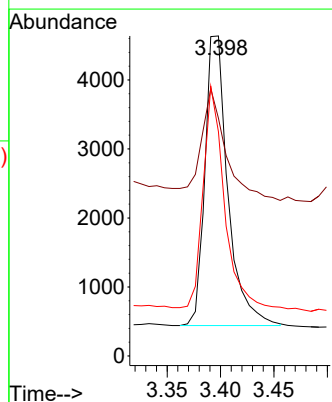
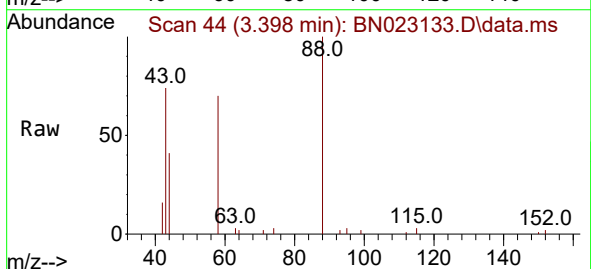
Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.6	188.4
115	59.4	49.0	73.4

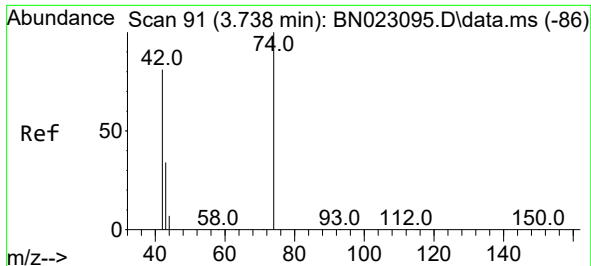


#2
 1,4-Dioxane
 Concen: 0.876 ng
 RT: 3.398 min Scan# 44
 Delta R.T. -0.000 min
 Lab File: BN023133.D
 Acq: 12 Dec 2022 13:41

Tgt Ion: 88 Resp: 6321

Ion	Ratio	Lower	Upper
88	100		
43	41.4	23.3	34.9
58	69.3	58.0	87.0

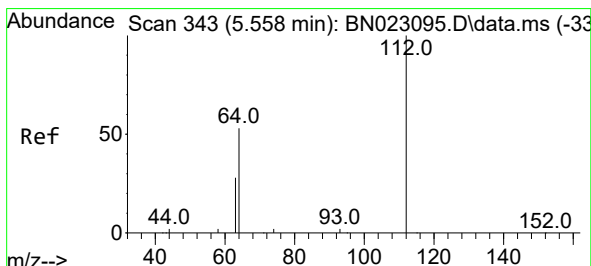
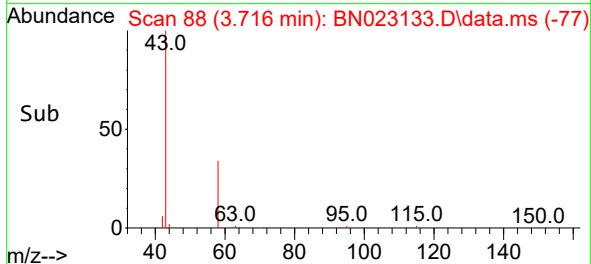
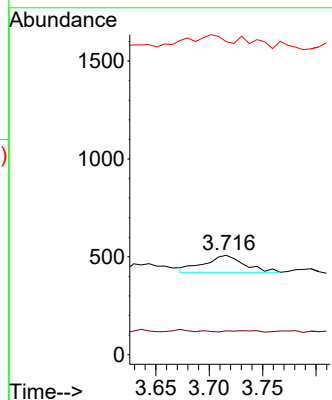
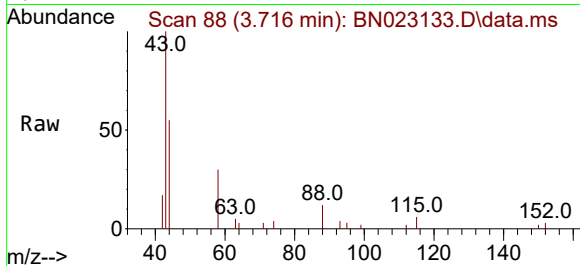




#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.716 min Scan# 81
Delta R.T. -0.022 min
Lab File: BN023133.D
Acq: 12 Dec 2022 13:41

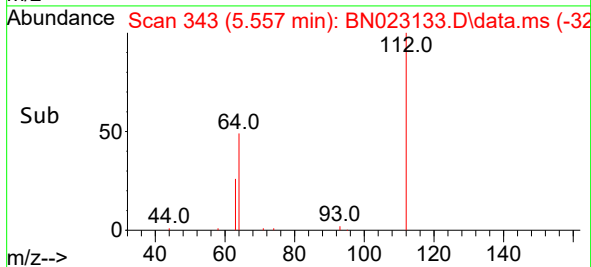
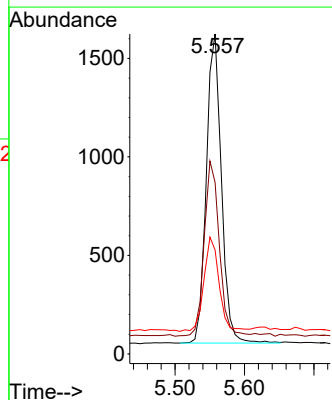
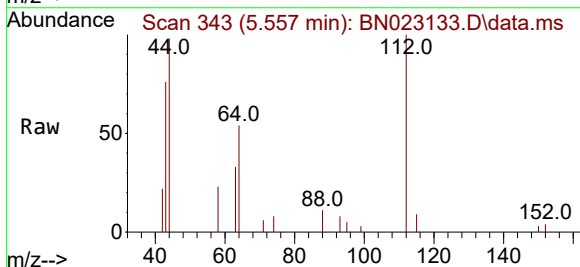
Instrument :
BNA_N
ClientSampleId :
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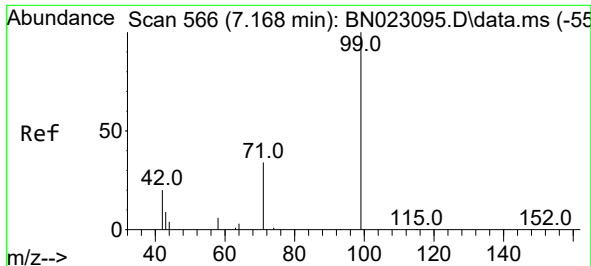
Tgt Ion: 42 Resp: 224
Ion Ratio Lower Upper
42 100
74 6.7 95.8 143.6#
44 33.0 8.4 12.6#



#4
2-Fluorophenol
Concen: 0.174 ng
RT: 5.557 min Scan# 343
Delta R.T. 0.007 min
Lab File: BN023133.D
Acq: 12 Dec 2022 13:41

Tgt Ion: 112 Resp: 2364
Ion Ratio Lower Upper
112 100
64 56.3 44.4 66.6
63 30.7 23.7 35.5

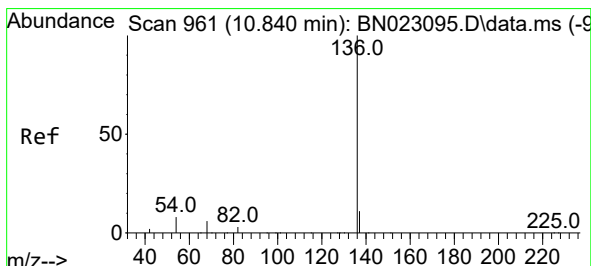
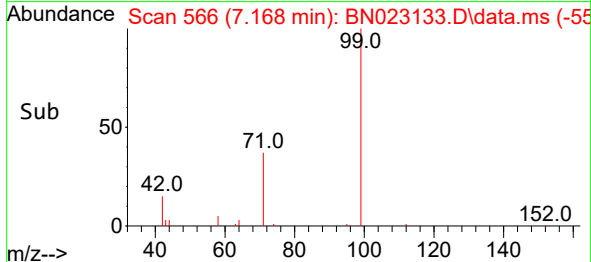
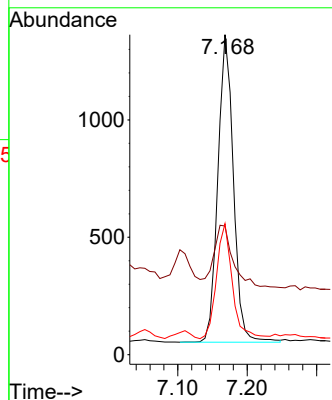
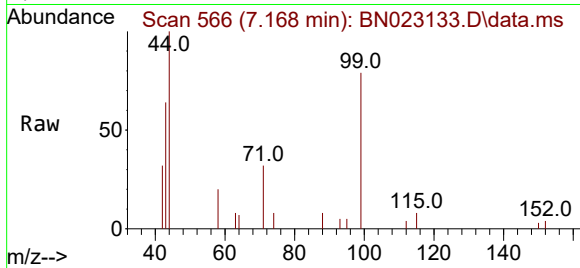




#5
Phenol-d6
Concen: 0.118 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023133.D
Acq: 12 Dec 2022 13:41

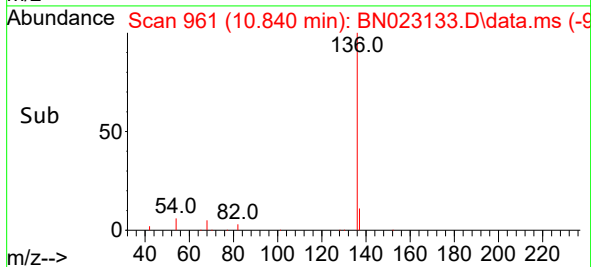
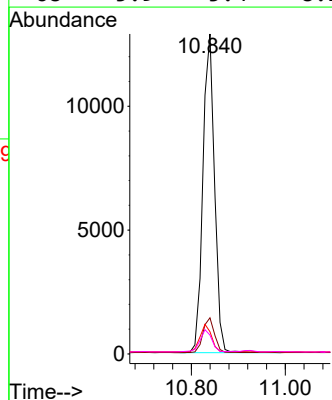
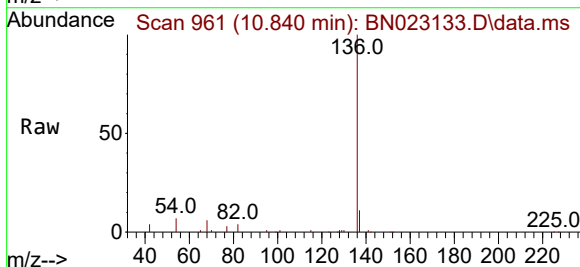
Instrument :
BNA_N
ClientSampleId :
GW-BR-04-113-127-120822

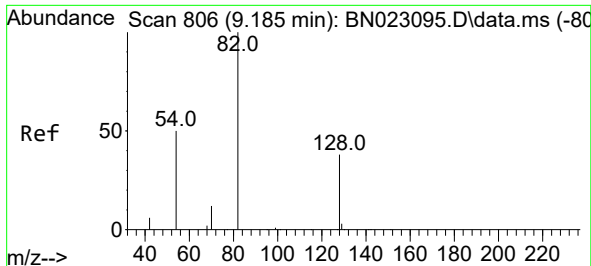
Tgt Ion: 99 Resp: 2036
Ion Ratio Lower Upper
99 100
42 26.4 16.3 24.5#
71 38.5 26.5 39.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN023133.D
Acq: 12 Dec 2022 13:41

Tgt Ion:136 Resp: 22048
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 7.0 6.5 9.7
68 5.9 5.4 8.2

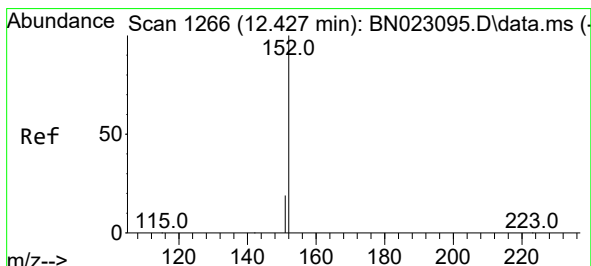
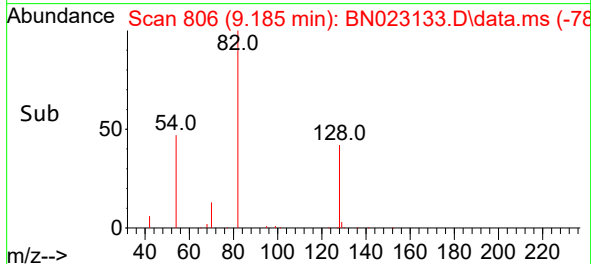
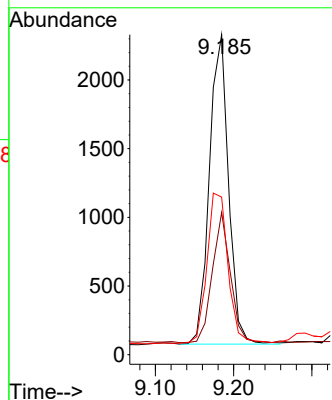
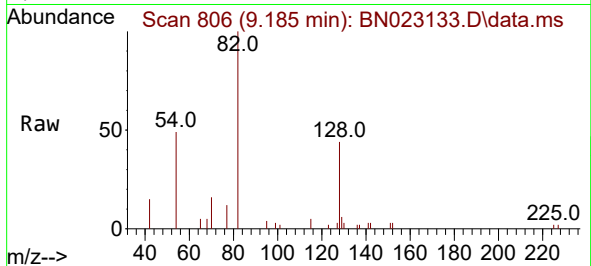




#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 9.185 min Scan# 806
Delta R.T. -0.000 min
Lab File: BN023133.D
Acq: 12 Dec 2022 13:41

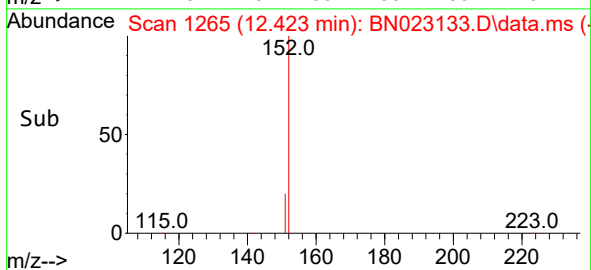
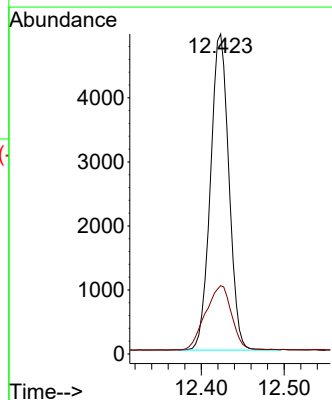
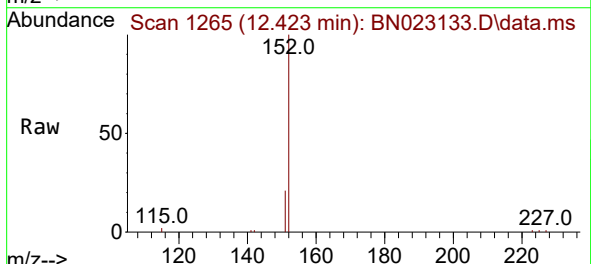
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GW-BR-04-113-127-120822

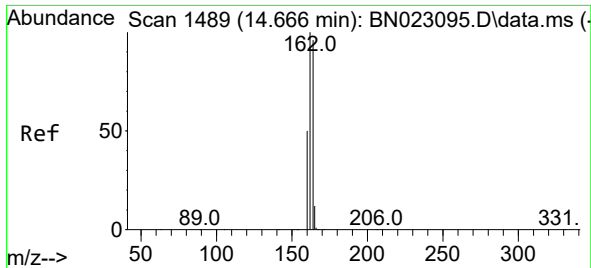
Tgt Ion: 82 Resp: 3830
Ion Ratio Lower Upper
82 100
128 44.5 31.4 47.2
54 49.3 41.0 61.4



#11
2-Methylnaphthalene-d10
Concen: 0.205 ng
RT: 12.423 min Scan# 1265
Delta R.T. 0.003 min
Lab File: BN023133.D
Acq: 12 Dec 2022 13:41

Tgt Ion: 152 Resp: 7656
Ion Ratio Lower Upper
152 100
151 28.8 15.1 22.7#

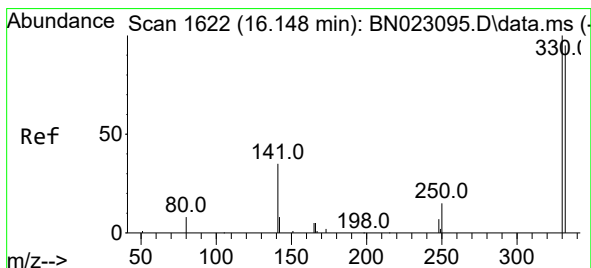
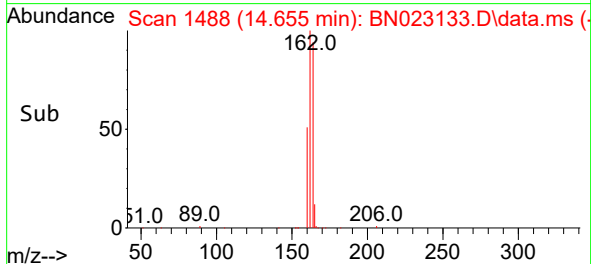
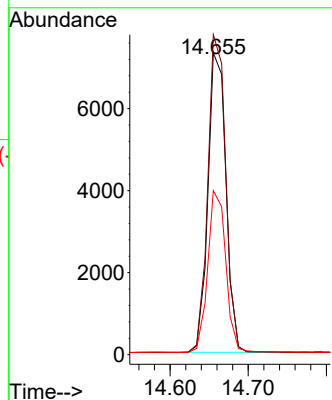
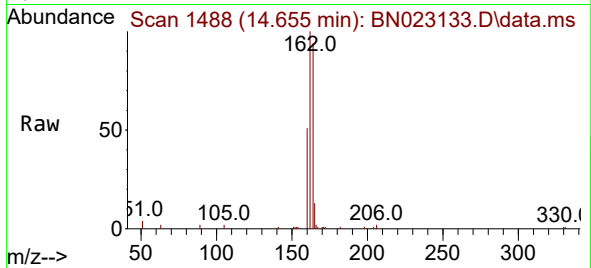




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.655 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023133.D
Acq: 12 Dec 2022 13:41

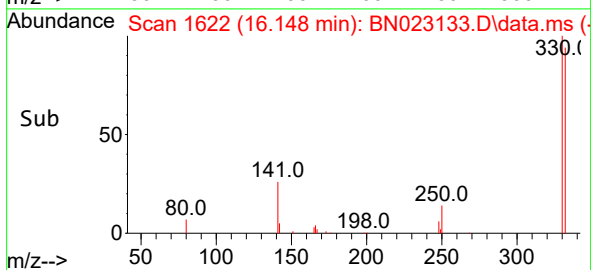
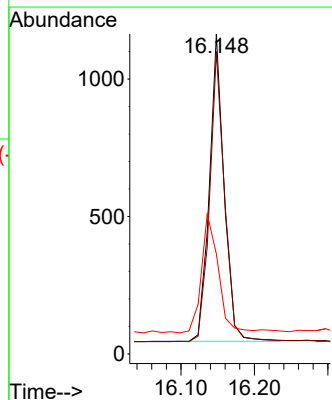
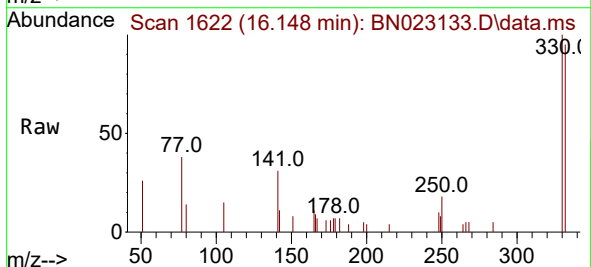
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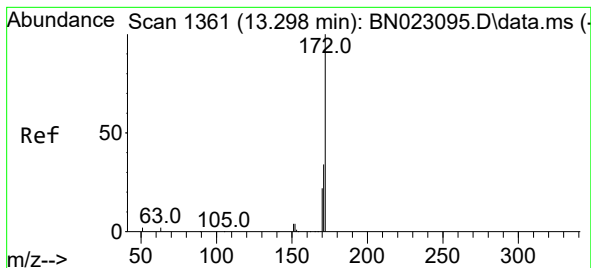
Tgt Ion:164 Resp: 11683
Ion Ratio Lower Upper
164 100
162 106.0 83.4 125.0
160 54.3 41.8 62.8



#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023133.D
Acq: 12 Dec 2022 13:41

Tgt Ion:330 Resp: 1559
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 43.9 33.5 50.3





#15

2-Fluorobiphenyl

Concen: 0.271 ng

RT: 13.287 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023133.D

Acq: 12 Dec 2022 13:41

Instrument :

BNA_N

ClientSampleId :

GW-BR-04-113-127-120822

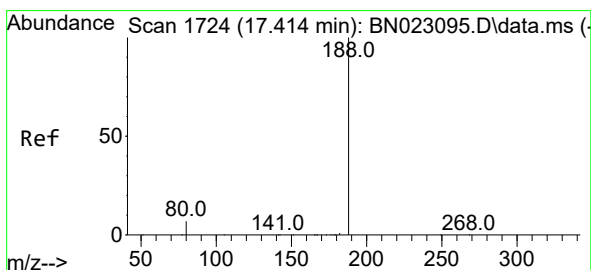
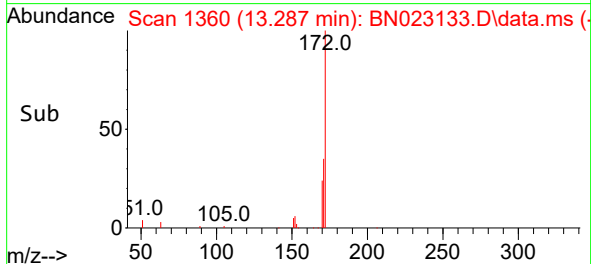
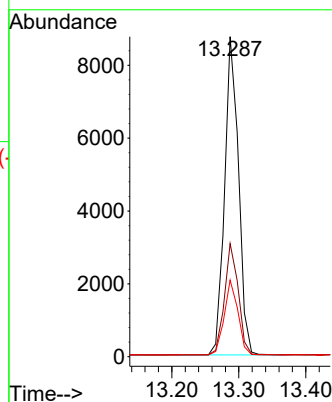
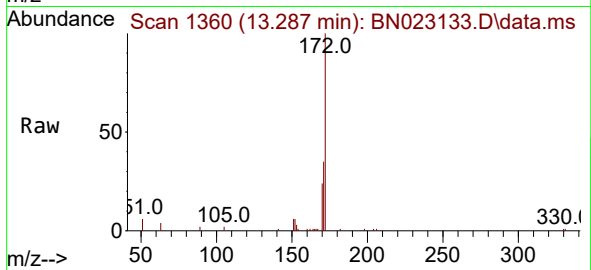
Tgt Ion:172 Resp: 12650

Ion Ratio Lower Upper

172 100

171 35.3 27.4 41.0

170 24.0 17.9 26.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 1723

Delta R.T. -0.000 min

Lab File: BN023133.D

Acq: 12 Dec 2022 13:41

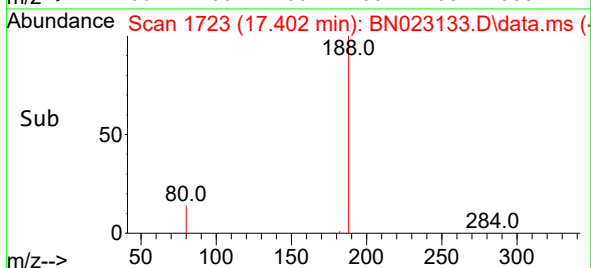
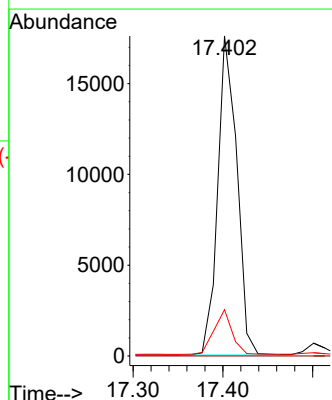
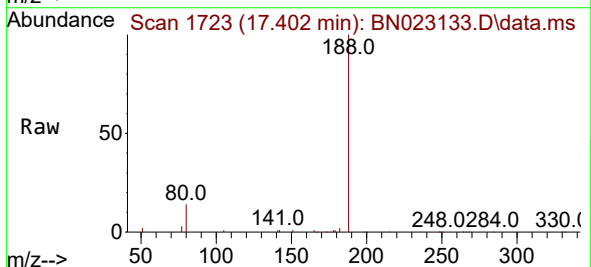
Tgt Ion:188 Resp: 26039

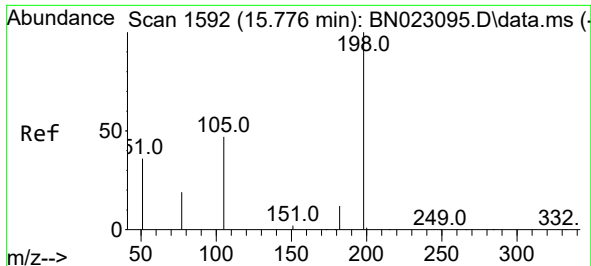
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.4 6.1 9.1#

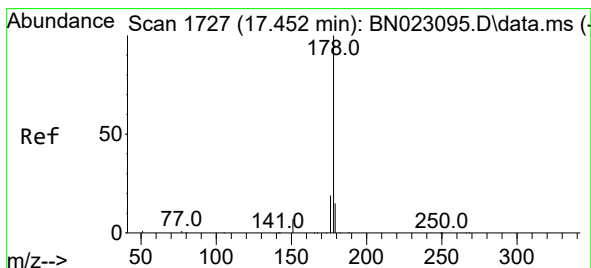
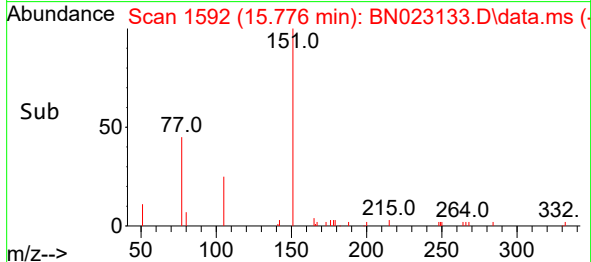
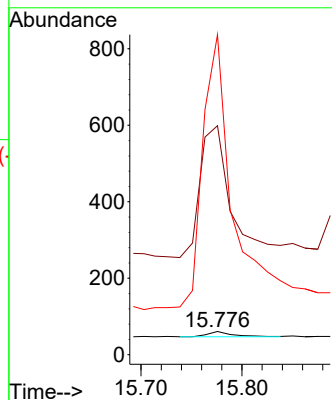
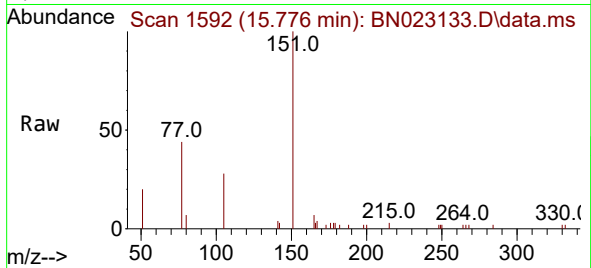




#20
4,6-Dinitro-2-methylphenol
Concen: 0.237 ng
RT: 15.776 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023133.D
Acq: 12 Dec 2022 13:41

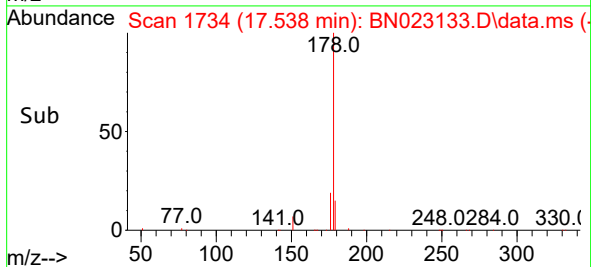
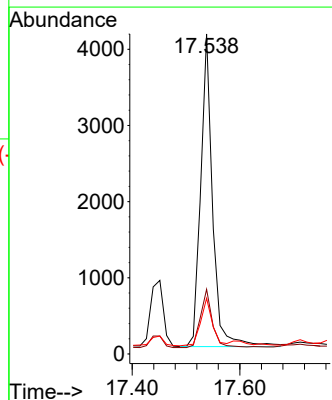
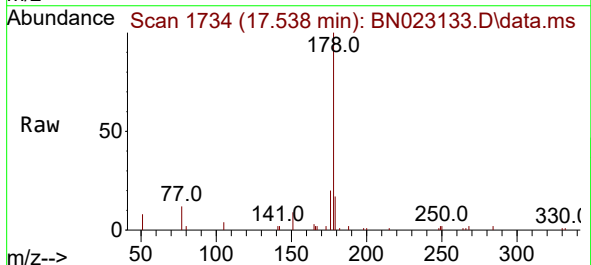
Instrument :
BNA_N
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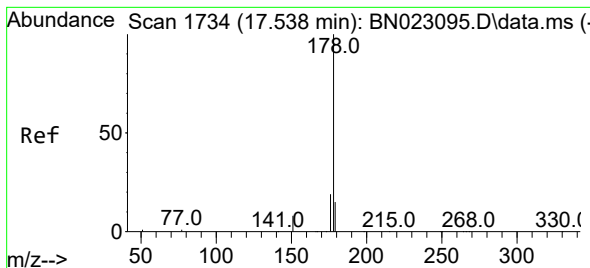
Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 982.0 57.0 85.4#
105 1372.1 47.2 70.8#



#25
Phenanthrene
Concen: 0.082 ng
RT: 17.538 min Scan# 1734
Delta R.T. 0.099 min
Lab File: BN023133.D
Acq: 12 Dec 2022 13:41

Tgt Ion:178 Resp: 6329
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 14.9 12.2 18.2





#26

Anthracene

Concen: 0.102 ng

RT: 17.538 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023133.D

Acq: 12 Dec 2022 13:41

Instrument :

BNA_N

ClientSampleId :

GW-BR-04-113-127-120822

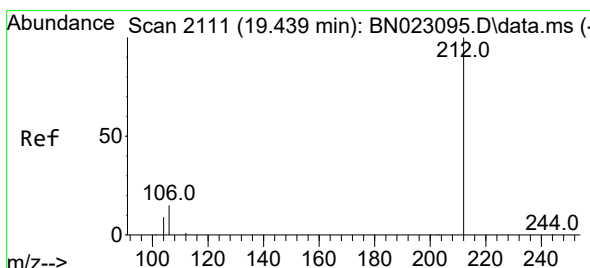
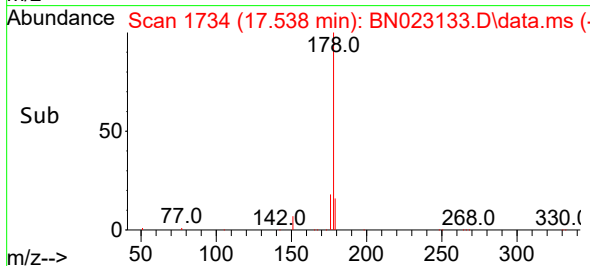
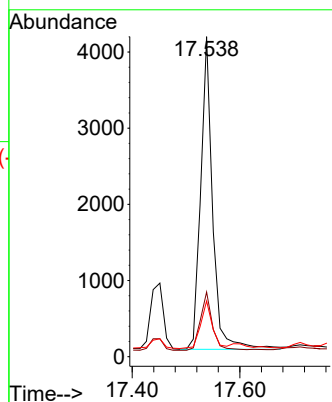
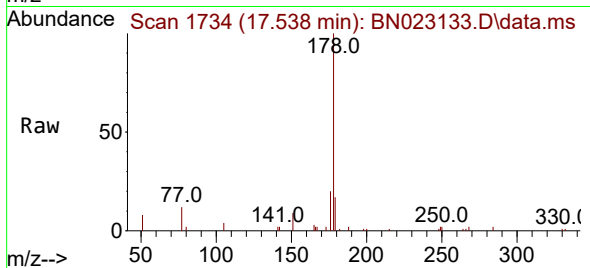
Tgt Ion:178 Resp: 6329

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

179 14.9 12.2 18.4



#27

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.435 min Scan# 2110

Delta R.T. -0.000 min

Lab File: BN023133.D

Acq: 12 Dec 2022 13:41

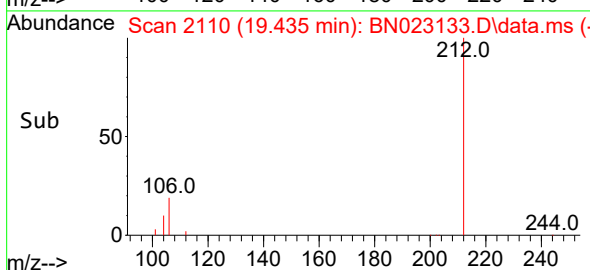
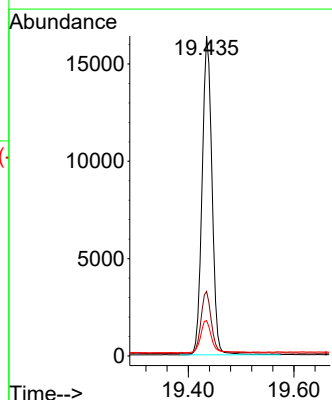
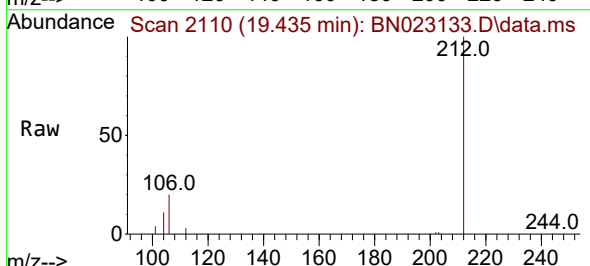
Tgt Ion:212 Resp: 21253

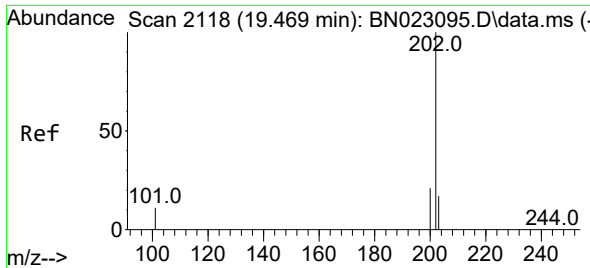
Ion Ratio Lower Upper

212 100

106 21.9 13.0 19.4#

104 10.8 7.5 11.3

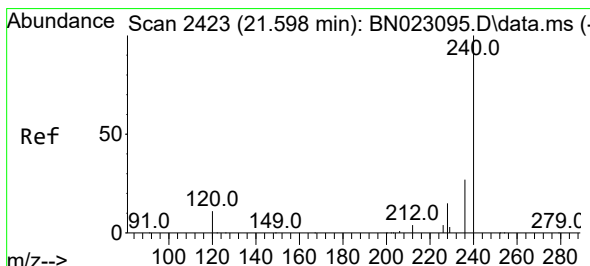
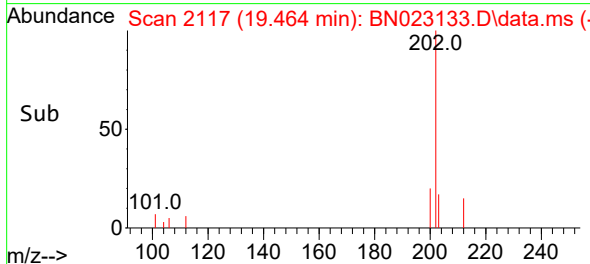
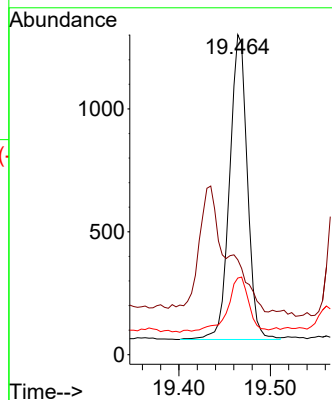
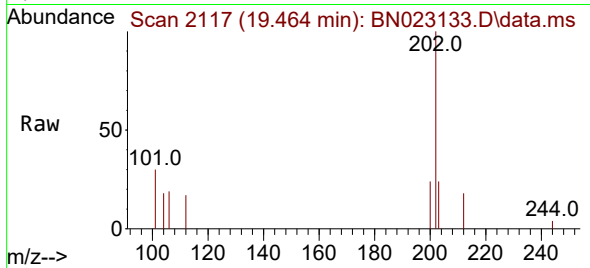




#28
Fluoranthene
Concen: 0.020 ng
RT: 19.464 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN023133.D
Acq: 12 Dec 2022 13:41

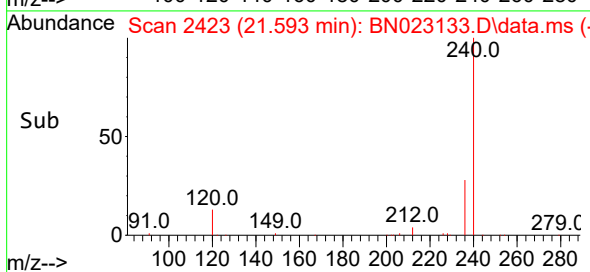
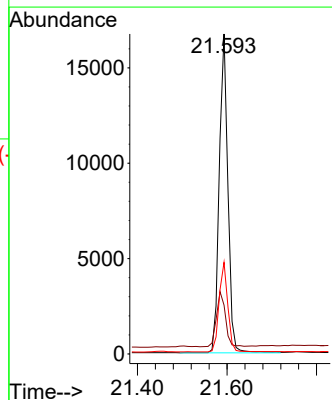
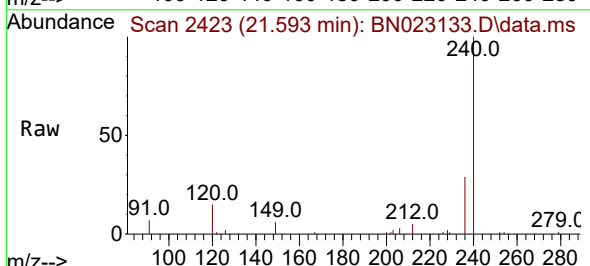
Instrument :
BNA_N
ClientSampleId :
GW-BR-04-113-127-120822

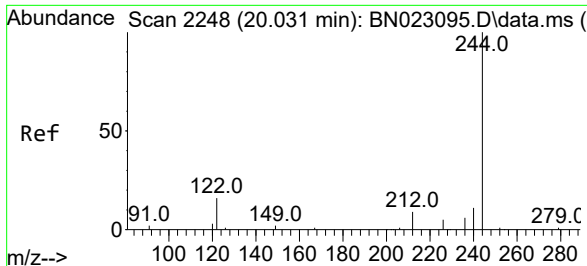
Tgt Ion:202 Resp: 1669
Ion Ratio Lower Upper
202 100
101 0.0 9.7 14.5#
203 20.5 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.593 min Scan# 2423
Delta R.T. 0.004 min
Lab File: BN023133.D
Acq: 12 Dec 2022 13:41

Tgt Ion:240 Resp: 22375
Ion Ratio Lower Upper
240 100
120 15.3 10.1 15.1#
236 28.6 22.2 33.4

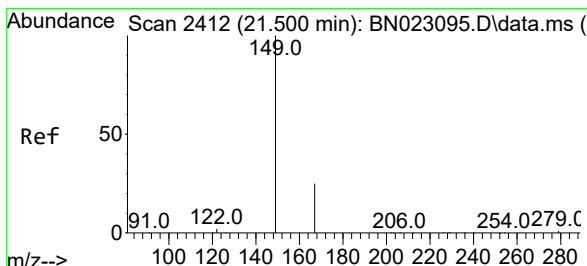
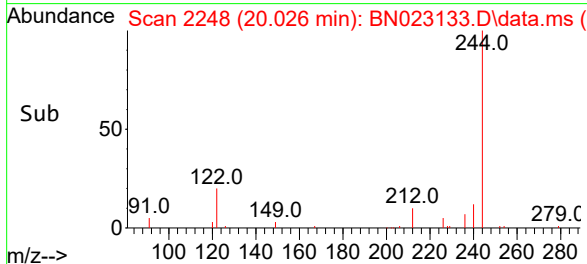
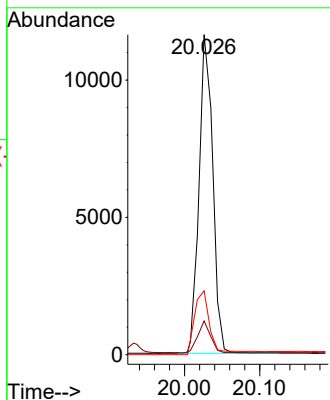
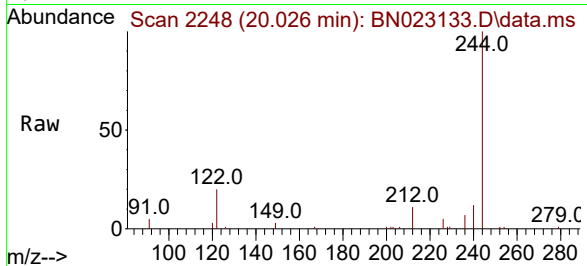




#31
 Terphenyl-d14
 Concen: 0.357 ng
 RT: 20.026 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN023133.D
 Acq: 12 Dec 2022 13:41

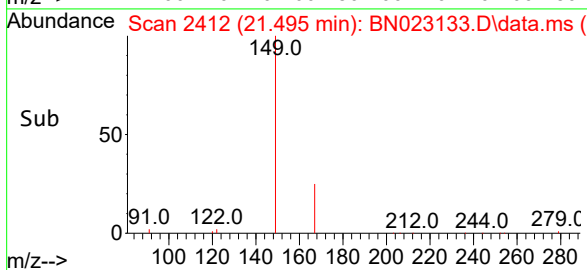
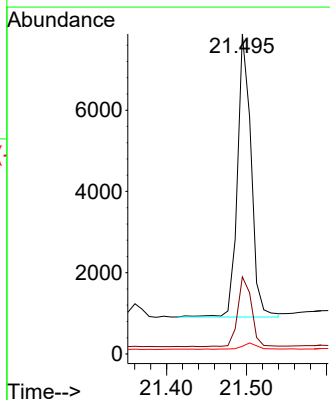
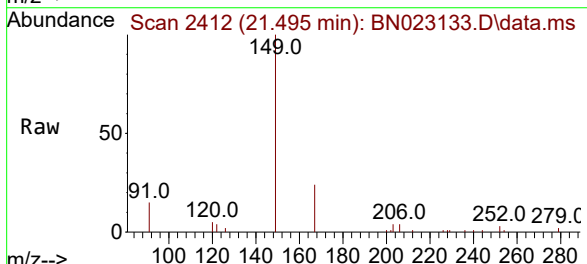
Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-113-127-120822

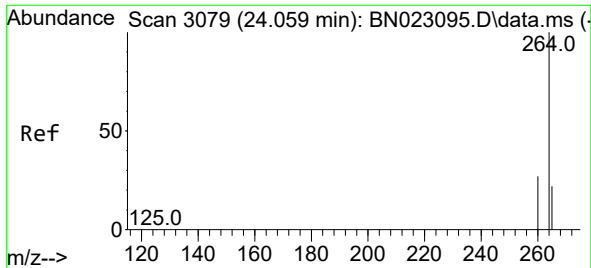
Tgt Ion:244 Resp: 12957
 Ion Ratio Lower Upper
 244 100
 212 10.6 7.6 11.4
 122 20.0 12.6 18.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.270 ng
 RT: 21.495 min Scan# 2412
 Delta R.T. 0.004 min
 Lab File: BN023133.D
 Acq: 12 Dec 2022 13:41

Tgt Ion:149 Resp: 8244
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.2 30.2
 279 2.5 2.3 3.5

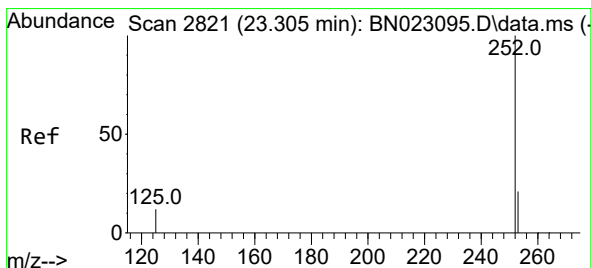
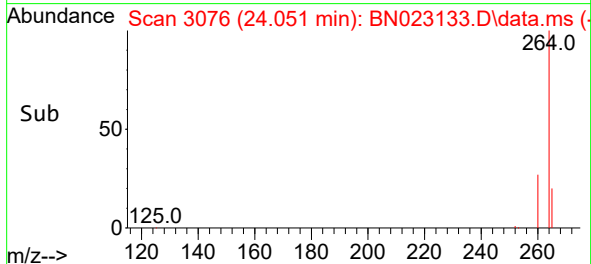
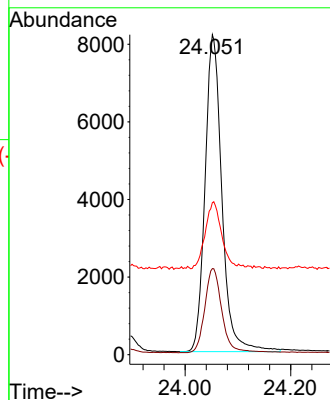
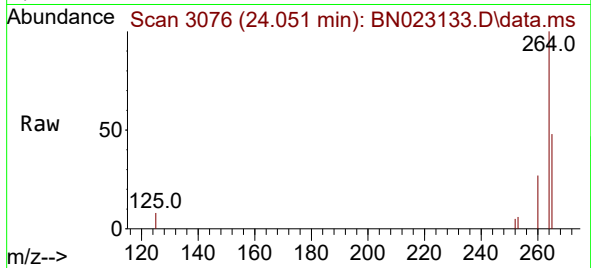




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.051 min Scan# 3076
 Delta R.T. 0.001 min
 Lab File: BN023133.D
 Acq: 12 Dec 2022 13:41

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-113-127-120822

Tgt Ion:264 Resp: 18114
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.7 32.5
 265 47.5 43.2 64.8



#37
 Benzo(b)fluoranthene
 Concen: 0.039 ng
 RT: 23.300 min Scan# 2819
 Delta R.T. 0.004 min
 Lab File: BN023133.D
 Acq: 12 Dec 2022 13:41

Tgt Ion:252 Resp: 2893
 Ion Ratio Lower Upper
 252 100
 253 47.5 19.0 28.4#
 125 60.2 12.8 19.2#

