

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
 Data File : BN032552.D
 Acq On : 08 Jul 2024 15:32
 Operator : MA/JU
 Sample : P3156-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-425-458-070224

Quant Time: Jul 08 16:15:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 15:11:21 2024
 Response via : Initial Calibration

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

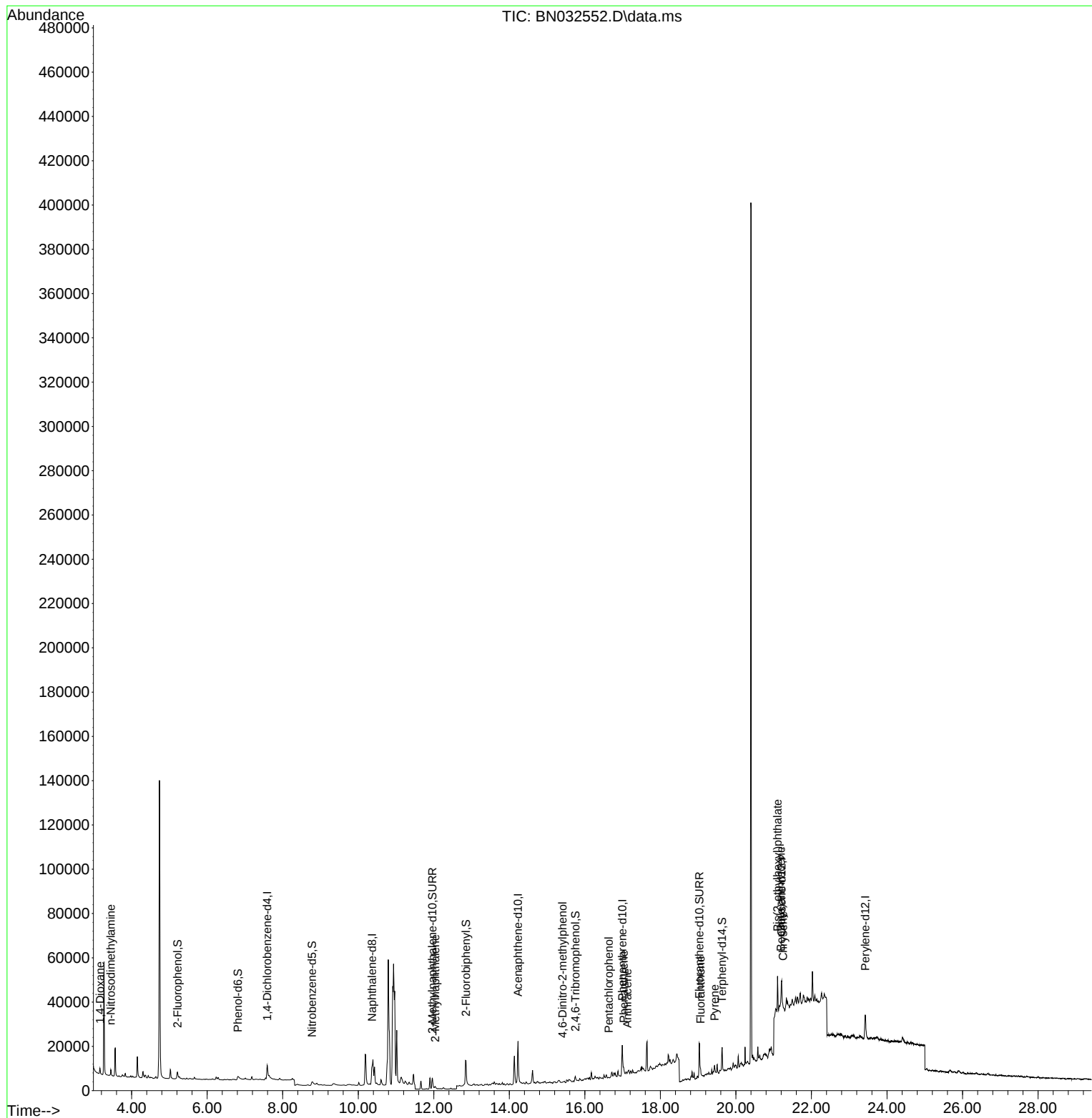
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	4891	0.400	ng	0.00
7) Naphthalene-d8	10.368	136	17703	0.400	ng	0.01
13) Acenaphthene-d10	14.231	164	11876	0.400	ng	0.01
19) Phenanthrene-d10	16.991	188	20977	0.400	ng	# 0.00
29) Chrysene-d12	21.211	240	15537	0.400	ng	# 0.00
35) Perylene-d12	23.426	264	17312	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.212	112	3807	0.274	ng	0.01
5) Phenol-d6	6.815	99	3123	0.171	ng	0.03
8) Nitrobenzene-d5	8.777	82	2949	0.200	ng	0.03
11) 2-Methylnaphthalene-d10	11.960	152	9088	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.750	330	1776	0.312	ng	0.00
15) 2-Fluorobiphenyl	12.852	172	14753	0.327	ng	0.01
27) Fluoranthene-d10	19.031	212	19315	0.338	ng	0.00
31) Terphenyl-d14	19.635	244	11510	0.303	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	1714	0.286	ng	# 79
3) n-Nitrosodimethylamine	3.450	42	270	0.047	ng	# 1
12) 2-Methylnaphthalene	12.036	142	929	0.029	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.407	198	13	0.177	ng	# 1
24) Pentachlorophenol	16.631	266	12	0.172	ng	# 47
25) Phenanthrene	17.029	178	1718	0.030	ng	# 85
26) Anthracene	17.128	178	1333	0.025	ng	# 82
28) Fluoranthene	19.063	202	1841	0.026	ng	# 85
30) Pyrene	19.435	202	3171	0.051	ng	# 93
32) Benzo(a)anthracene	21.193	228	1281	0.022	ng	# 8
33) Chrysene	21.247	228	1371	0.025	ng	# 13
34) Bis(2-ethylhexyl)phtha...	21.103	149	15818	0.396	ng	# 99

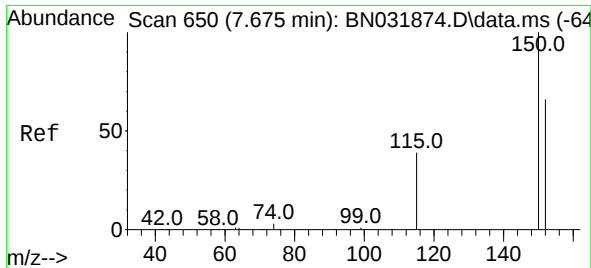
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
Data File : BN032552.D
Acq On : 08 Jul 2024 15:32
Operator : MA/JU
Sample : P3156-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224

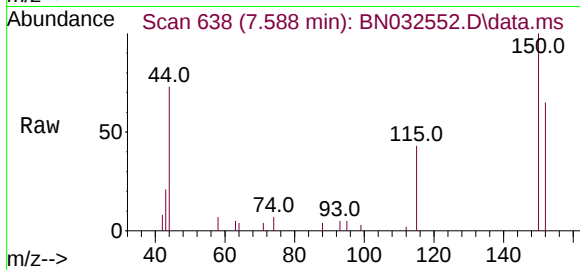
Quant Time: Jul 08 16:15:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 15:11:21 2024
Response via : Initial Calibration



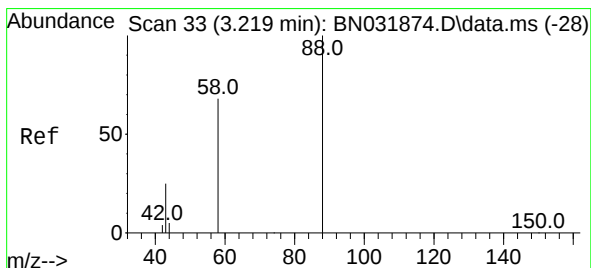
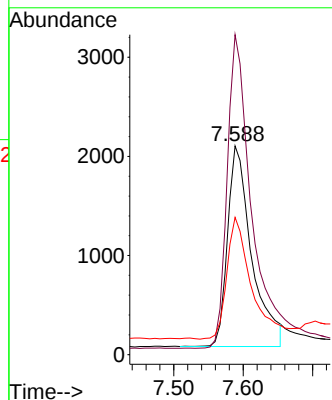
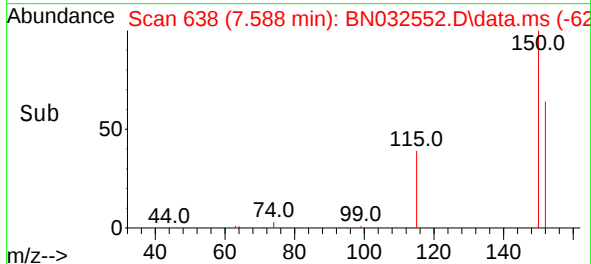


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN032552.D
 Acq: 08 Jul 2024 15:32

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-425-458-070224

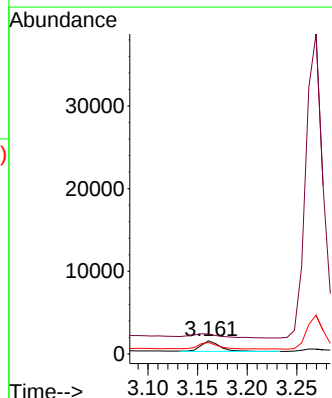
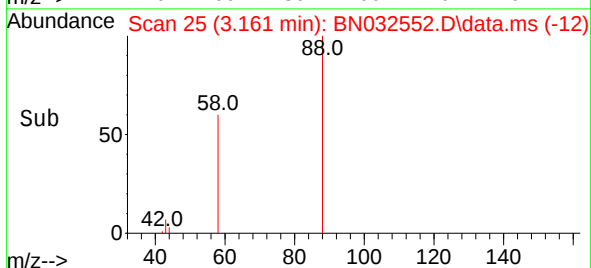
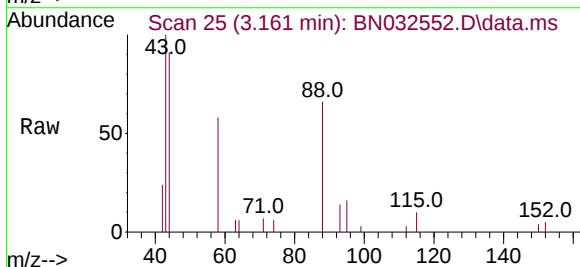


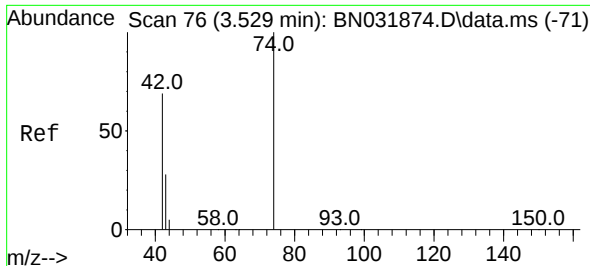
Tgt Ion:152 Resp: 4891
 Ion Ratio Lower Upper
 152 100
 150 153.3 121.0 181.4
 115 65.8 49.4 74.0



#2
 1,4-Dioxane
 Concen: 0.286 ng
 RT: 3.161 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN032552.D
 Acq: 08 Jul 2024 15:32

Tgt Ion: 88 Resp: 1714
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.7 34.1#
 58 69.5 51.3 76.9

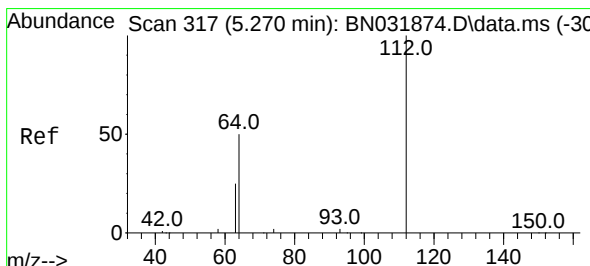
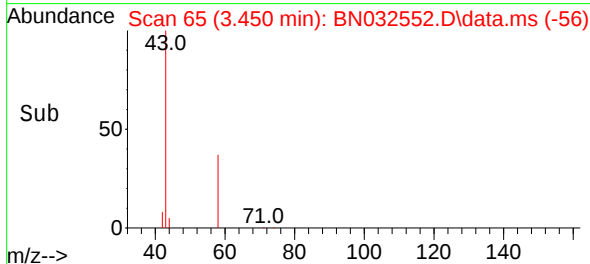
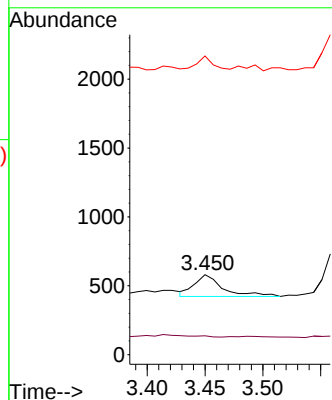
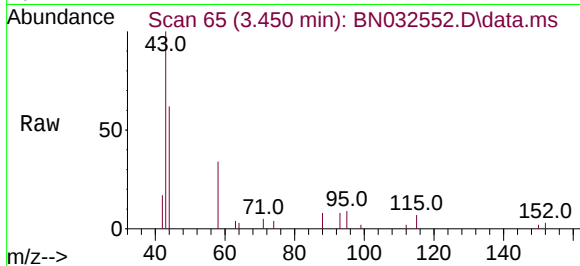




#3
n-Nitrosodimethylamine
Concen: 0.047 ng
RT: 3.450 min Scan# 61
Delta R.T. -0.036 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

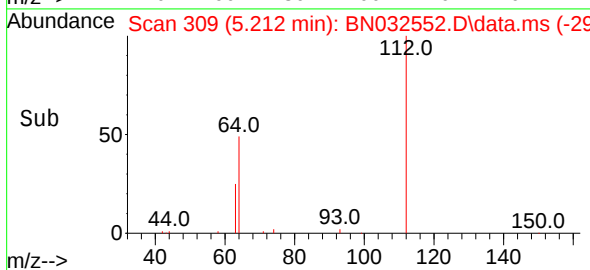
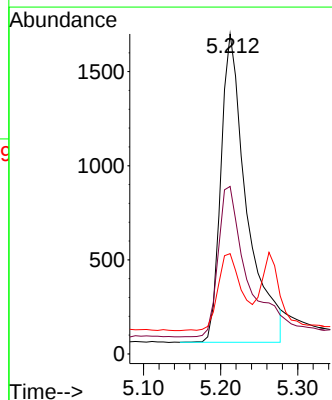
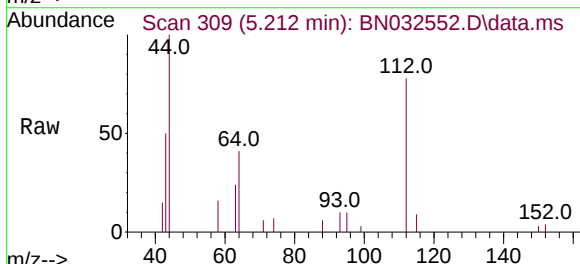
Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224

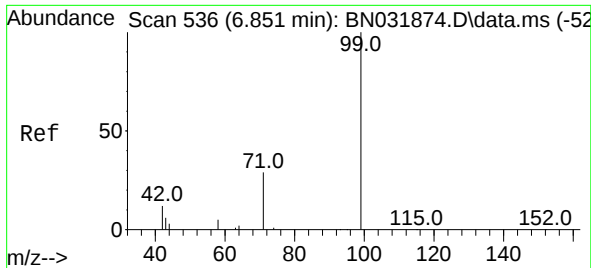
Tgt Ion: 42 Resp: 270
Ion Ratio Lower Upper
42 100
74 0.0 125.2 187.8#
44 35.2 6.9 10.3#



#4
2-Fluorophenol
Concen: 0.274 ng
RT: 5.212 min Scan# 309
Delta R.T. 0.014 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

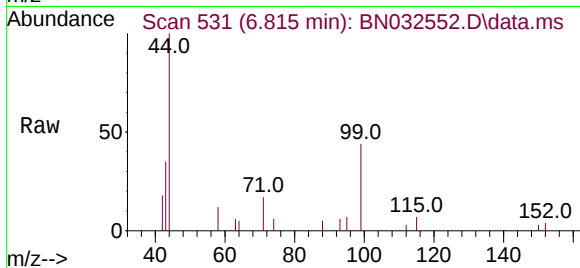
Tgt Ion: 112 Resp: 3807
Ion Ratio Lower Upper
112 100
64 53.7 42.4 63.6
63 23.2 22.1 33.1



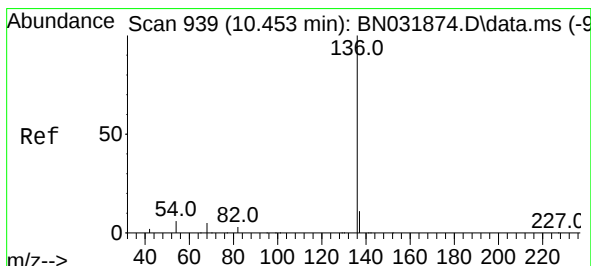
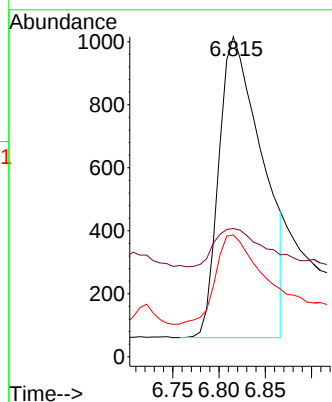
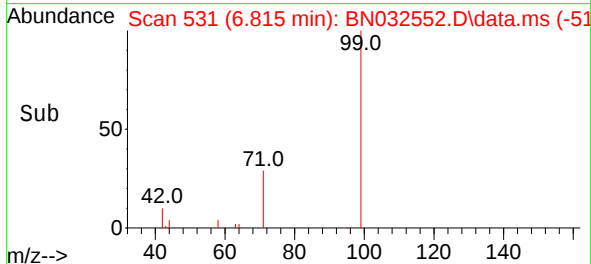


#5
Phenol-d6
Concen: 0.171 ng
RT: 6.815 min Scan# 531
Delta R.T. 0.029 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224

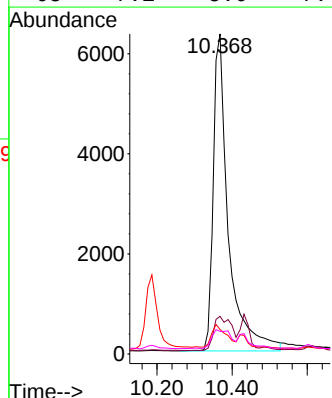
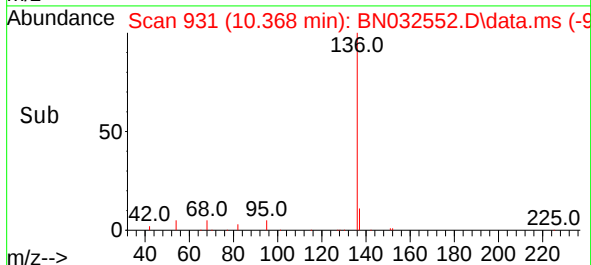
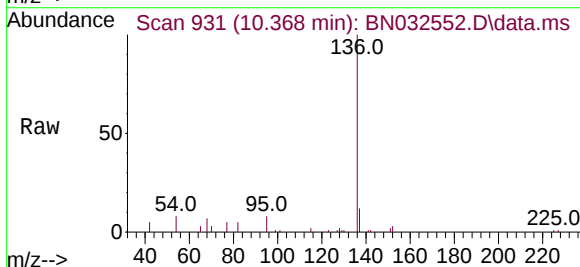


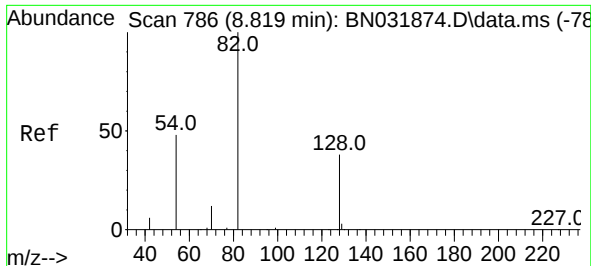
Tgt Ion: 99 Resp: 3123
Ion Ratio Lower Upper
99 100
42 13.3 12.8 19.2
71 30.9 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.368 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

Tgt Ion: 136 Resp: 17703
Ion Ratio Lower Upper
136 100
137 11.8 8.9 13.3
54 7.7 5.6 8.4
68 7.1 5.0 7.4





#8

Nitrobenzene-d5

Concen: 0.200 ng

RT: 8.777 min Scan# 71

Delta R.T. 0.032 min

Lab File: BN032552.D

Acq: 08 Jul 2024 15:32

Instrument :

BNA_N

ClientSampleId :

GWBR-05-425-458-070224

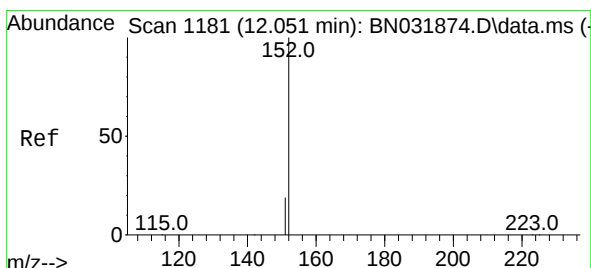
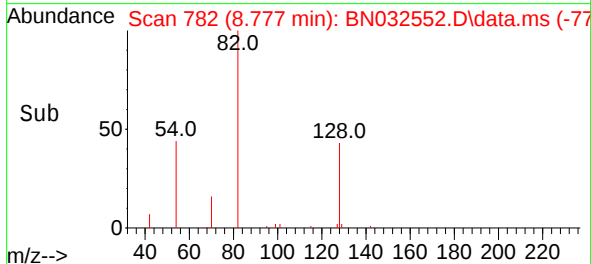
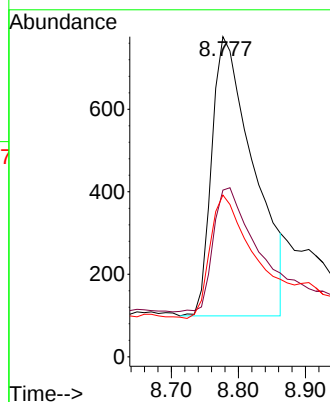
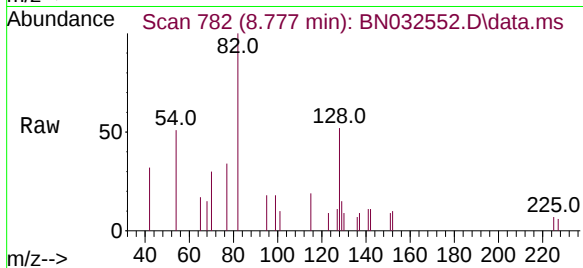
Tgt Ion: 82 Resp: 2949

Ion Ratio Lower Upper

82 100

128 52.1 32.1 48.1#

54 50.5 39.7 59.5



#11

2-Methylnaphthalene-d10

Concen: 0.322 ng

RT: 11.960 min Scan# 1157

Delta R.T. 0.004 min

Lab File: BN032552.D

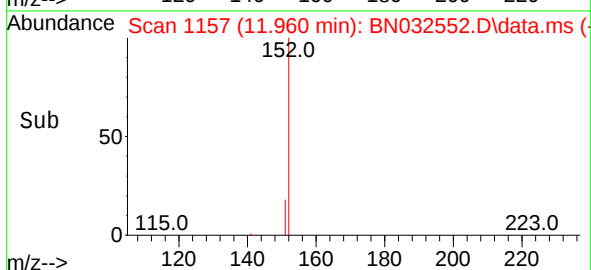
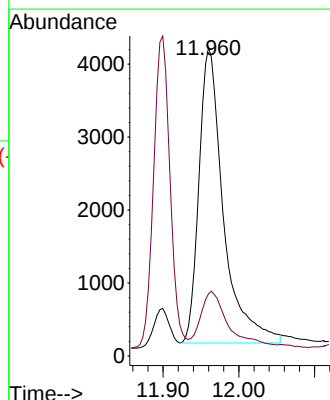
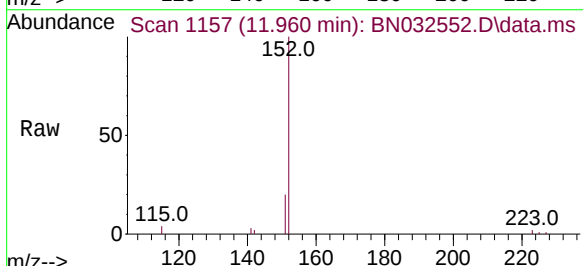
Acq: 08 Jul 2024 15:32

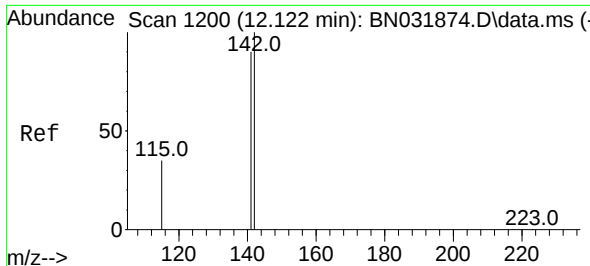
Tgt Ion:152 Resp: 9088

Ion Ratio Lower Upper

152 100

151 18.8 16.3 24.5





#12

2-Methylnaphthalene

Concen: 0.029 ng

RT: 12.036 min Scan# 1177

Delta R.T. 0.004 min

Lab File: BN032552.D

Acq: 08 Jul 2024 15:32

Instrument :

BNA_N

ClientSampleId :

GWBR-05-425-458-070224

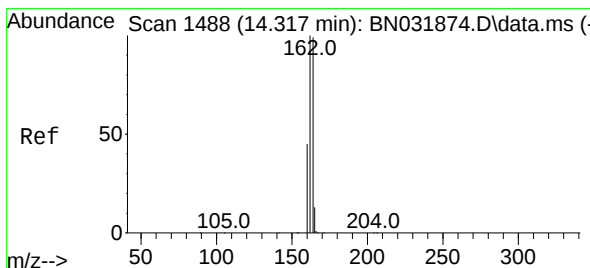
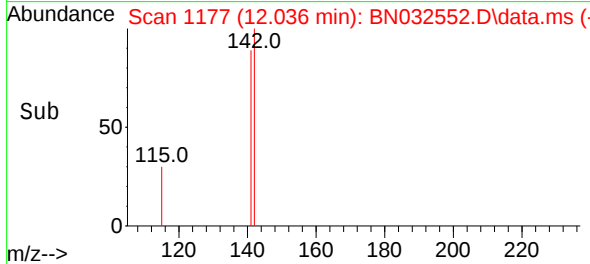
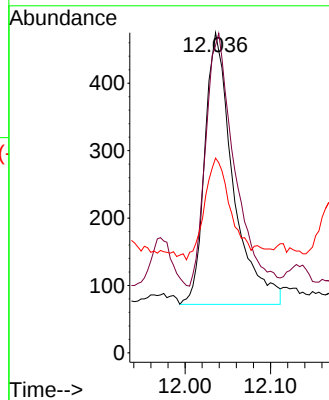
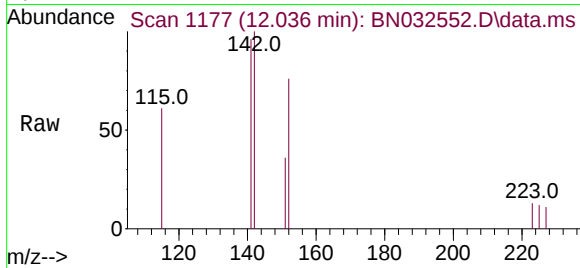
Tgt Ion:142 Resp: 929

Ion Ratio Lower Upper

142 100

141 96.0 72.2 108.2

115 60.8 28.6 43.0#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.231 min Scan# 1480

Delta R.T. 0.011 min

Lab File: BN032552.D

Acq: 08 Jul 2024 15:32

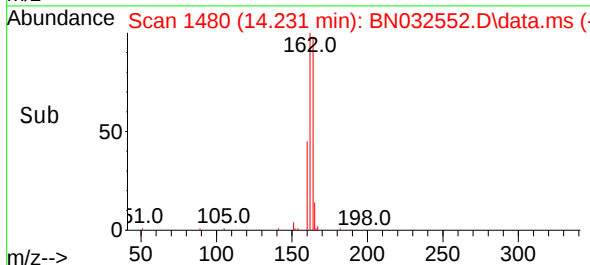
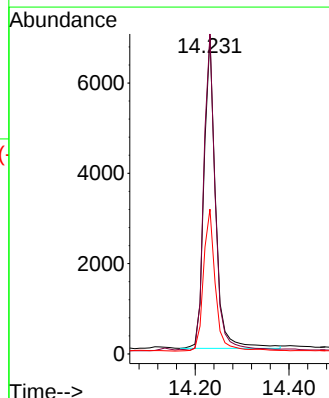
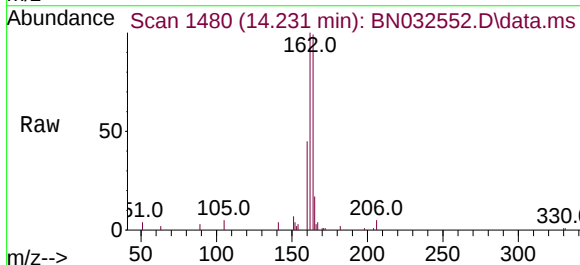
Tgt Ion:164 Resp: 11876

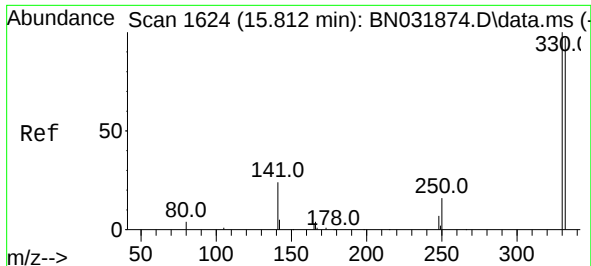
Ion Ratio Lower Upper

164 100

162 100.7 80.7 121.1

160 45.6 36.2 54.4

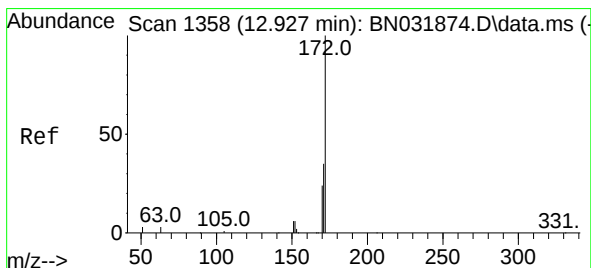
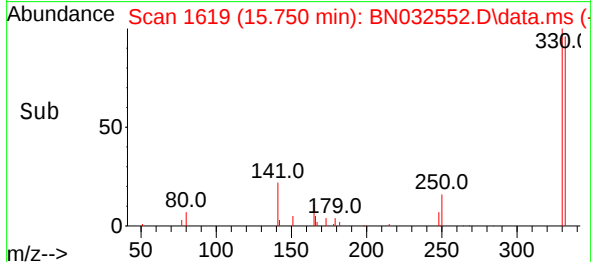
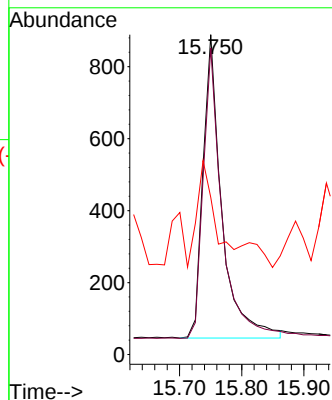
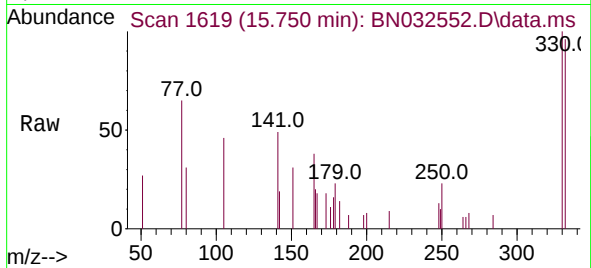




#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

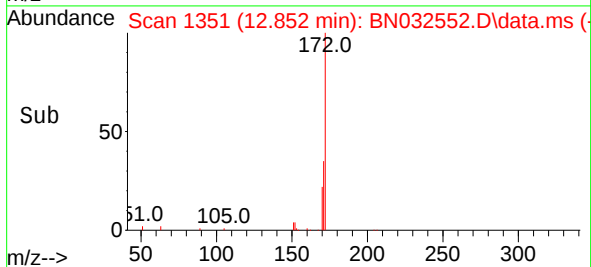
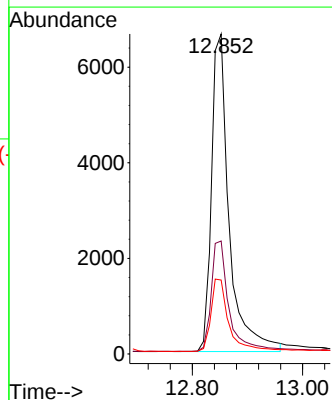
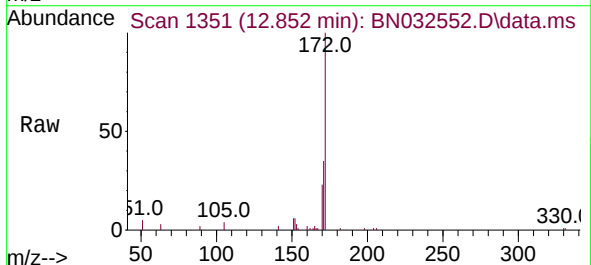
Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224

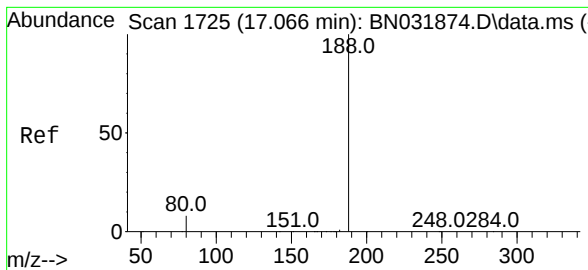
Tgt Ion:330 Resp: 1776
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 33.3 34.7 52.1#



#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.852 min Scan# 1351
Delta R.T. 0.011 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

Tgt Ion:172 Resp: 14753
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.1 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.991 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN032552.D

Acq: 08 Jul 2024 15:32

Instrument :

BNA_N

ClientSampleId :

GWBR-05-425-458-070224

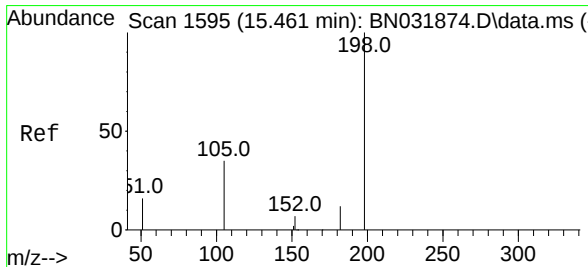
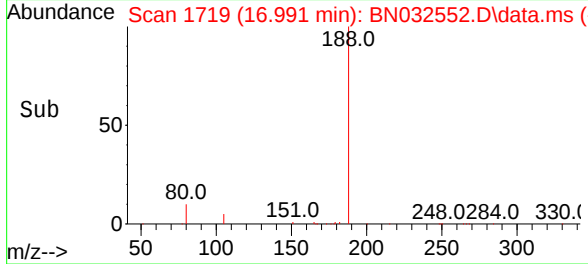
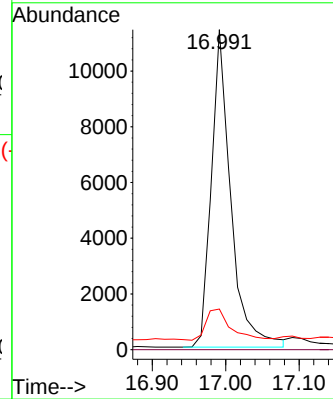
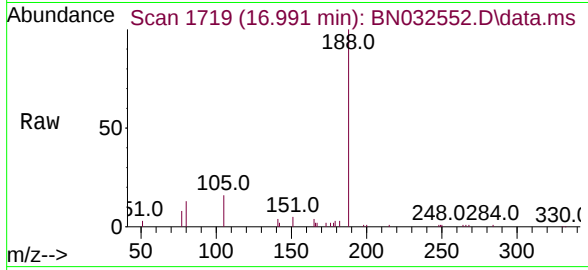
Tgt Ion:188 Resp: 20977

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.177 ng

RT: 15.407 min Scan# 1590

Delta R.T. -0.021 min

Lab File: BN032552.D

Acq: 08 Jul 2024 15:32

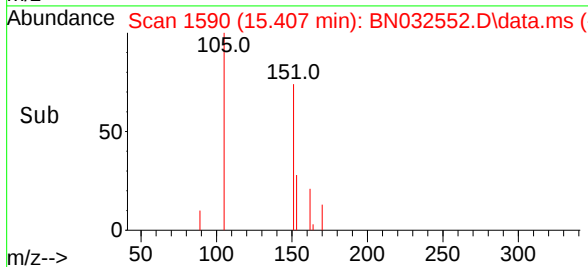
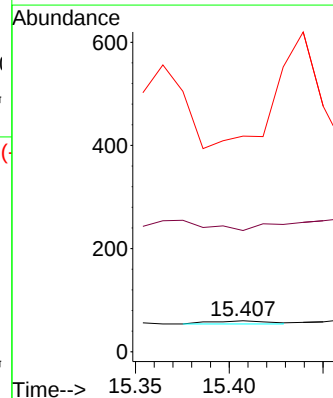
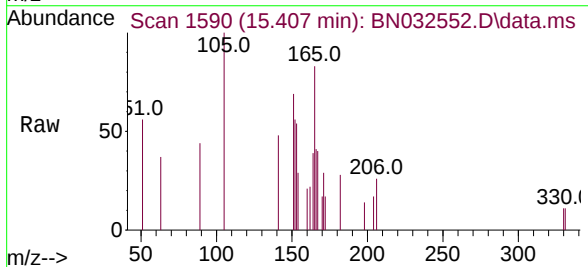
Tgt Ion:198 Resp: 13

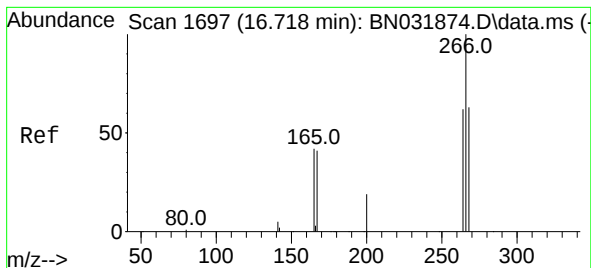
Ion Ratio Lower Upper

198 100

51 391.7 42.7 64.1#

105 696.7 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.172 ng

RT: 16.631 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN032552.D

Acq: 08 Jul 2024 15:32

Instrument :

BNA_N

ClientSampleId :

GWBR-05-425-458-070224

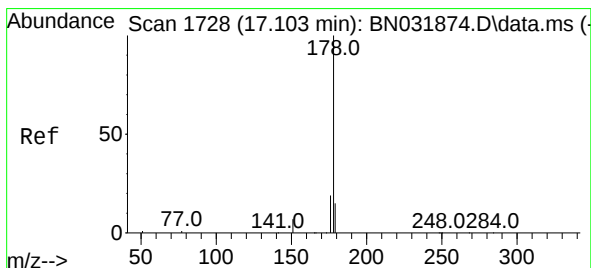
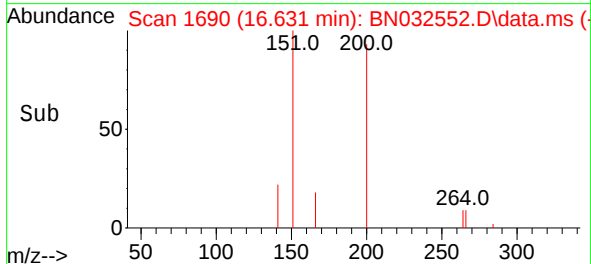
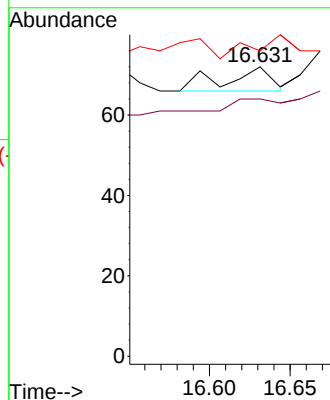
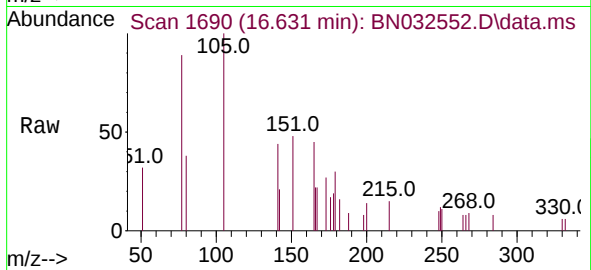
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 0.0 50.0 75.0#

268 83.3 51.0 76.6#



#25

Phenanthrene

Concen: 0.030 ng

RT: 17.029 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BN032552.D

Acq: 08 Jul 2024 15:32

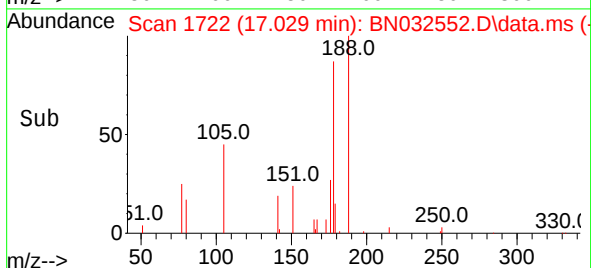
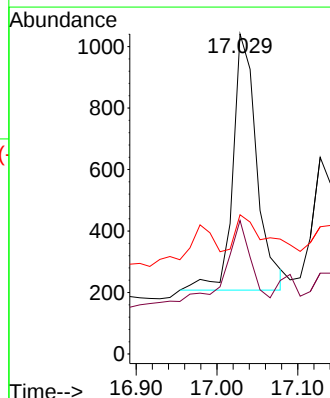
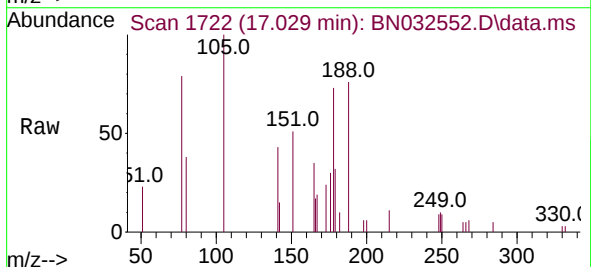
Tgt Ion:178 Resp: 1718

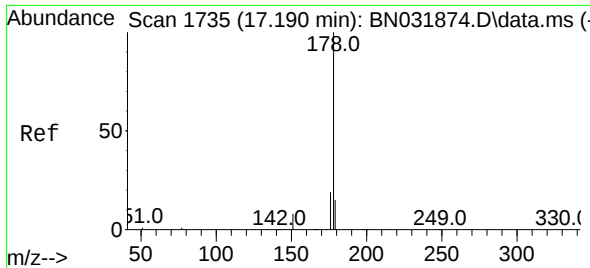
Ion Ratio Lower Upper

178 100

176 31.7 15.4 23.0#

179 15.1 12.2 18.2

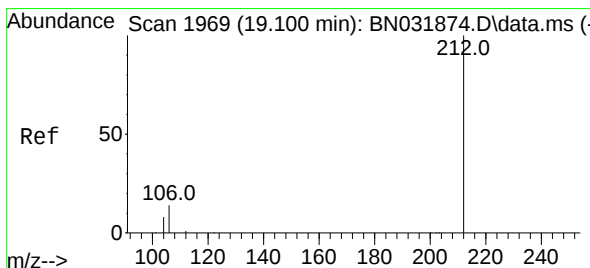
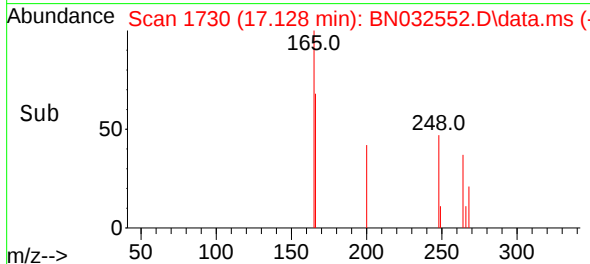
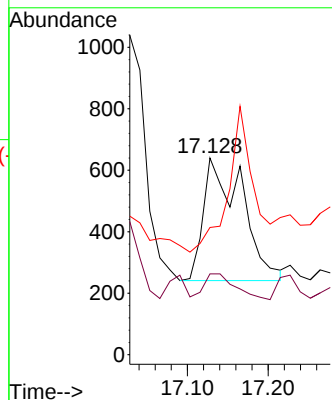
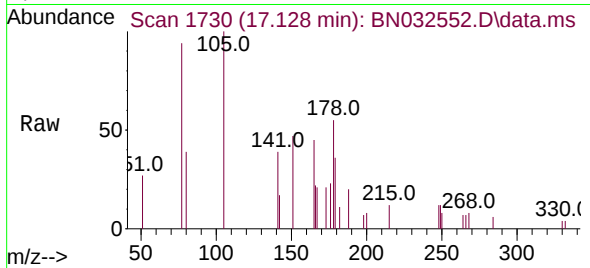




#26
 Anthracene
 Concen: 0.025 ng
 RT: 17.128 min Scan# 1730
 Delta R.T. 0.000 min
 Lab File: BN032552.D
 Acq: 08 Jul 2024 15:32

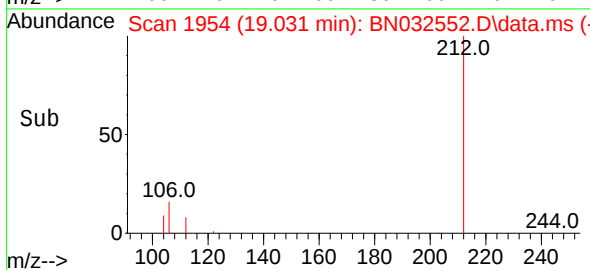
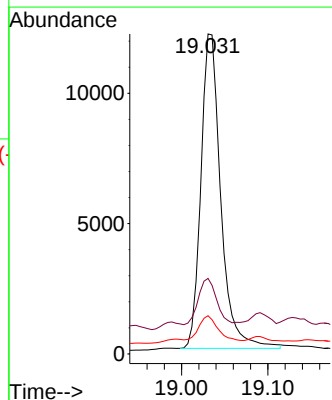
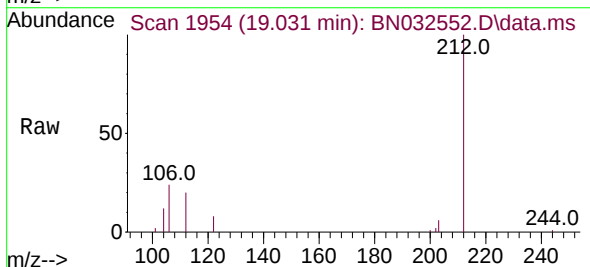
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-425-458-070224

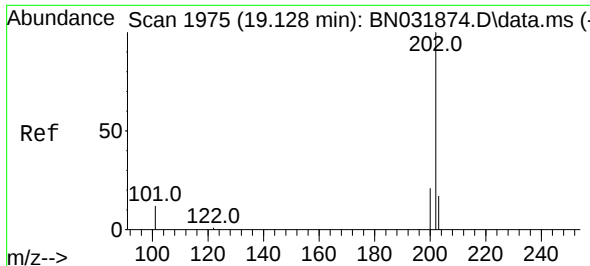
Tgt Ion:178 Resp: 1333
 Ion Ratio Lower Upper
 178 100
 176 17.0 14.8 22.2
 179 0.0 12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.338 ng
 RT: 19.031 min Scan# 1954
 Delta R.T. 0.000 min
 Lab File: BN032552.D
 Acq: 08 Jul 2024 15:32

Tgt Ion:212 Resp: 19315
 Ion Ratio Lower Upper
 212 100
 106 15.2 11.8 17.8
 104 8.4 6.6 10.0

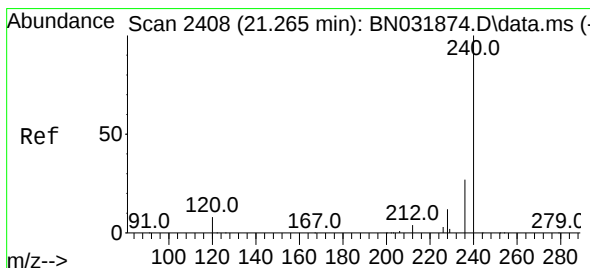
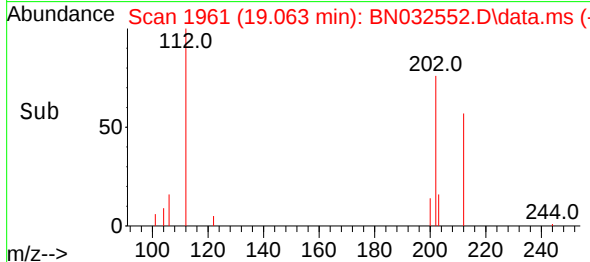
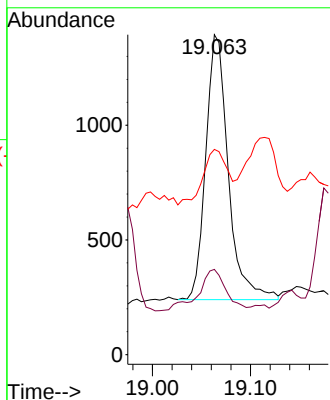
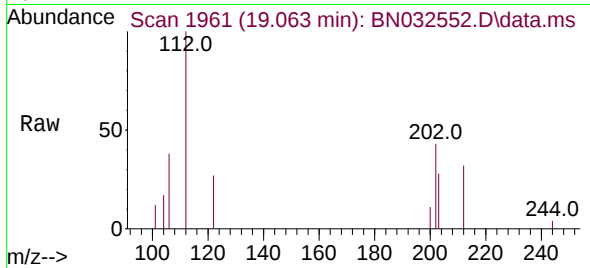




#28
Fluoranthene
Concen: 0.026 ng
RT: 19.063 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

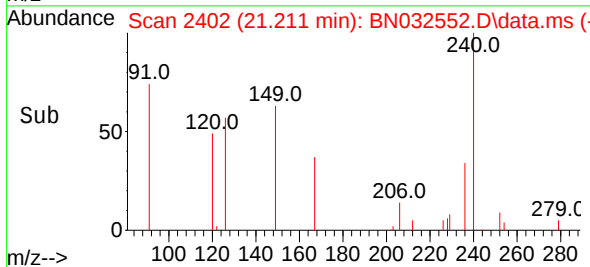
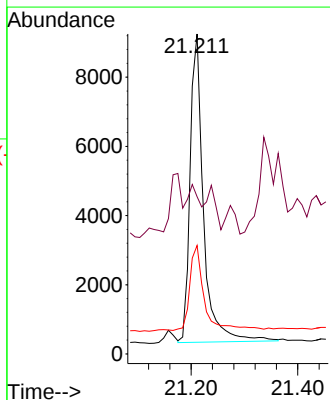
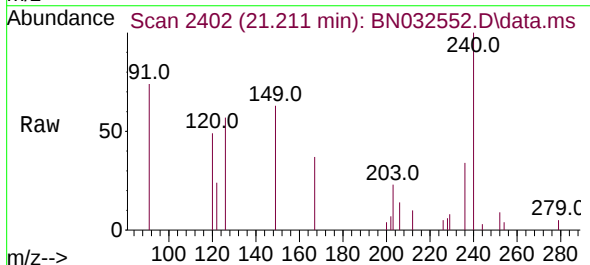
Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224

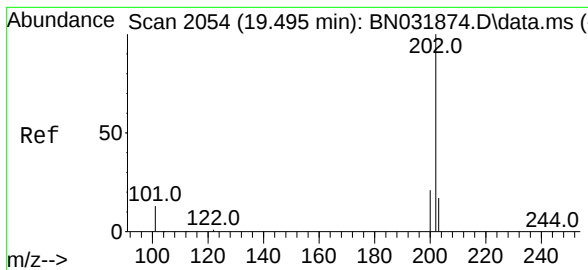
Tgt Ion:202 Resp: 1841
Ion Ratio Lower Upper
202 100
101 19.1 9.8 14.6#
203 22.6 13.7 20.5#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.009 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

Tgt Ion:240 Resp: 15537
Ion Ratio Lower Upper
240 100
120 49.2 8.2 12.4#
236 33.9 21.8 32.8#





#30

Pyrene

Concen: 0.051 ng

RT: 19.435 min Scan# 2041

Delta R.T. 0.005 min

Lab File: BN032552.D

Acq: 08 Jul 2024 15:32

Instrument :

BNA_N

ClientSampleId :

GWBR-05-425-458-070224

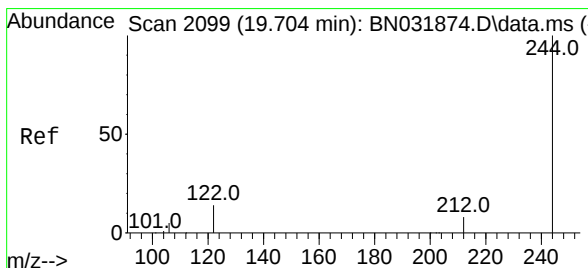
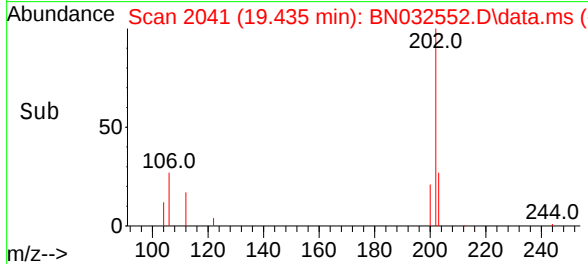
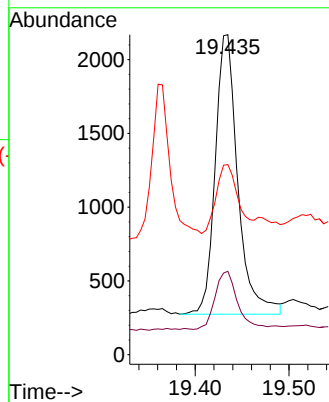
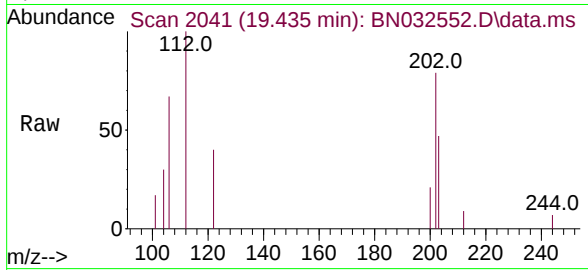
Tgt Ion:202 Resp: 3171

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

203 24.3 14.3 21.5#



#31

Terphenyl-d14

Concen: 0.303 ng

RT: 19.635 min Scan# 2084

Delta R.T. 0.000 min

Lab File: BN032552.D

Acq: 08 Jul 2024 15:32

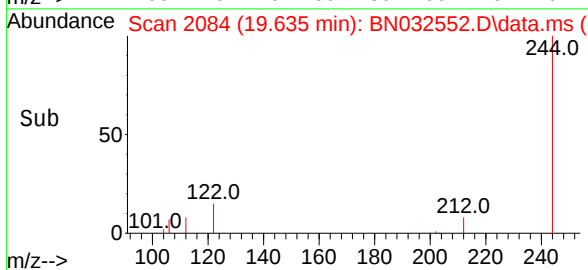
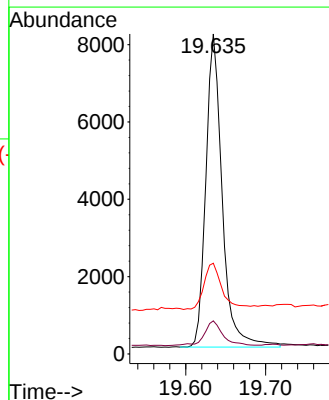
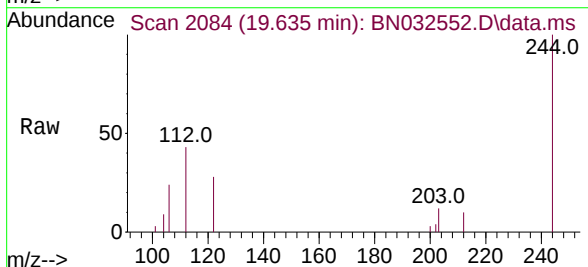
Tgt Ion:244 Resp: 11510

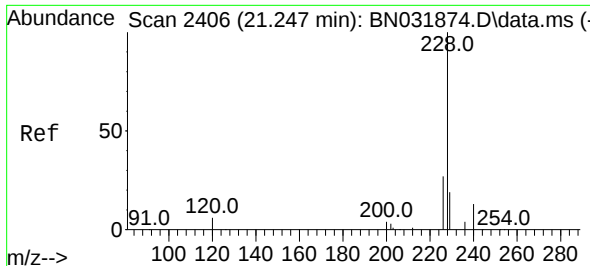
Ion Ratio Lower Upper

244 100

212 10.4 6.5 9.7#

122 28.3 11.4 17.0#





#32

Benzo(a)anthracene

Concen: 0.022 ng

RT: 21.193 min Scan# 2400

Delta R.T. 0.009 min

Lab File: BN032552.D

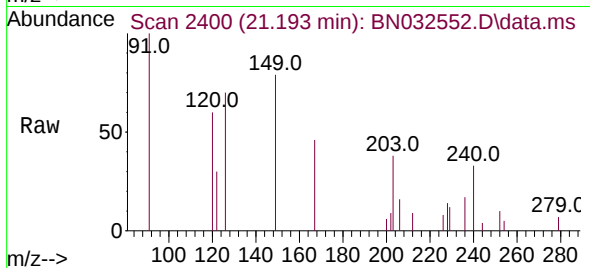
Acq: 08 Jul 2024 15:32

Instrument :

BNA_N

ClientSampleId :

GWBR-05-425-458-070224



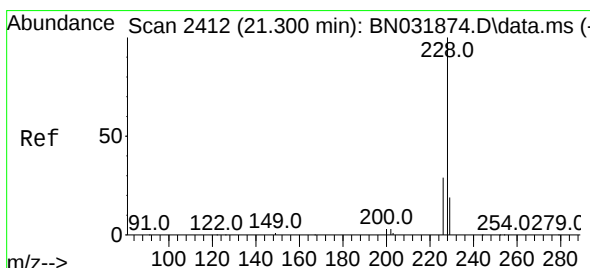
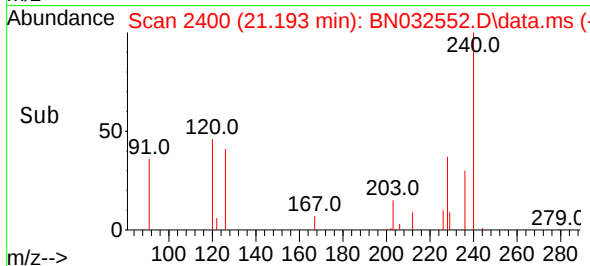
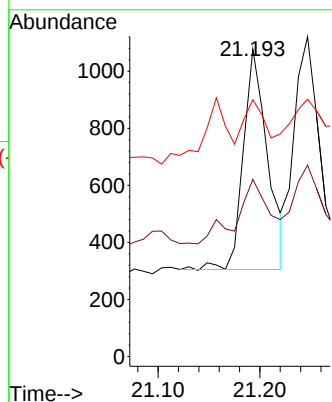
Tgt Ion:228 Resp: 1281

Ion Ratio Lower Upper

228 100

226 57.6 21.8 32.6#

229 83.5 15.8 23.8#



#33

Chrysene

Concen: 0.025 ng

RT: 21.247 min Scan# 2406

Delta R.T. 0.009 min

Lab File: BN032552.D

Acq: 08 Jul 2024 15:32

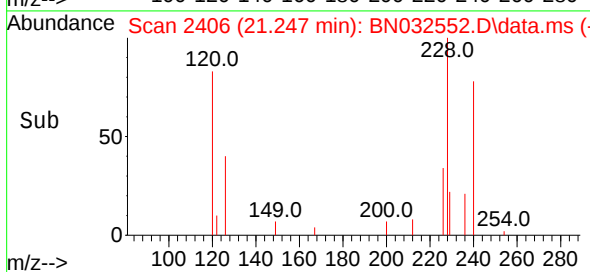
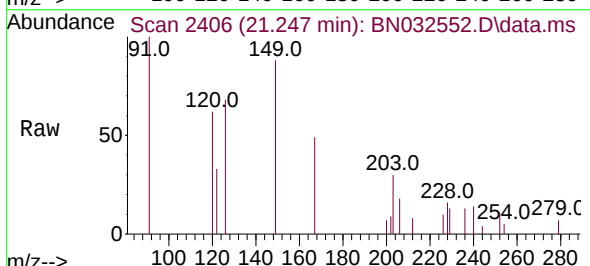
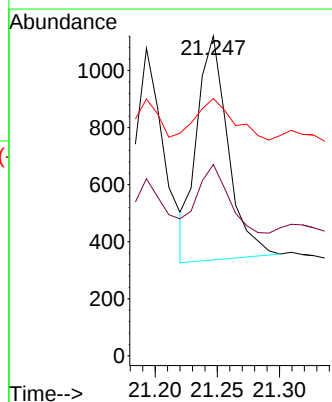
Tgt Ion:228 Resp: 1371

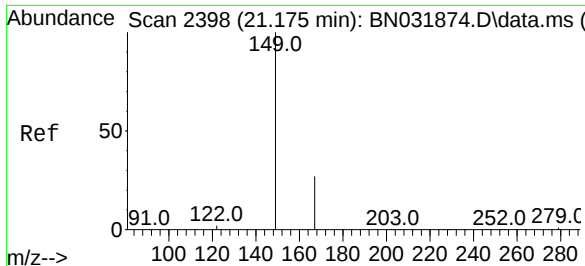
Ion Ratio Lower Upper

228 100

226 59.9 23.6 35.4#

229 80.5 15.8 23.6#

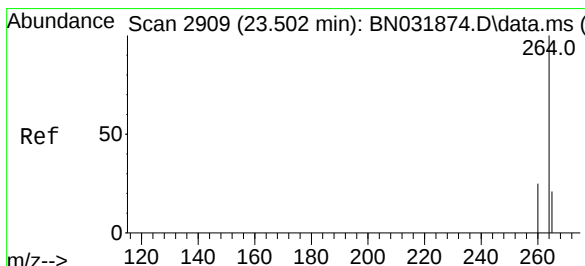
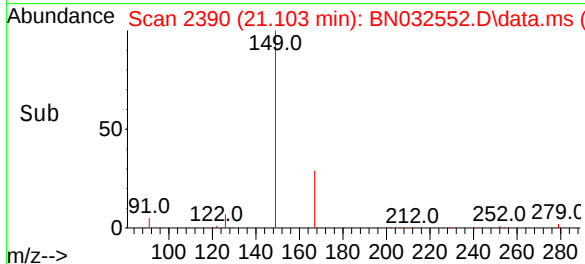
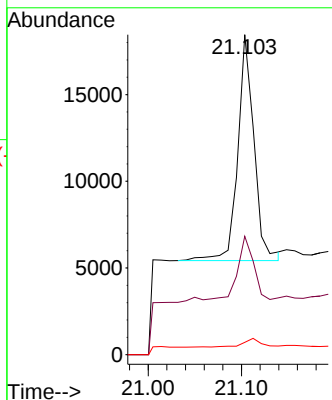
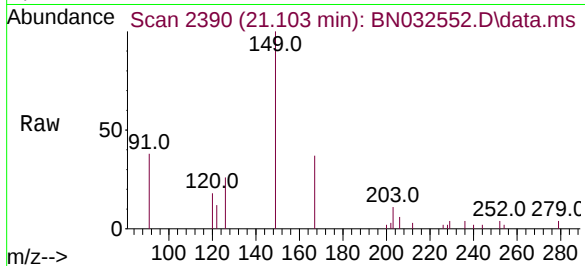




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.396 ng
RT: 21.103 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

Instrument :
BNA_N
ClientSampleId :
GWBR-05-425-458-070224

Tgt Ion:149 Resp: 15818
Ion Ratio Lower Upper
149 100
167 28.4 22.5 33.7
279 4.5 2.9 4.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.426 min Scan# 2883
Delta R.T. 0.006 min
Lab File: BN032552.D
Acq: 08 Jul 2024 15:32

Tgt Ion:264 Resp: 17312
Ion Ratio Lower Upper
264 100
260 28.9 20.5 30.7
265 84.5 39.6 59.4#

