

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073124\
 Data File : BN033122.D
 Acq On : 31 Jul 2024 02:37
 Operator : MA/JU
 Sample : P3395-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-440-460-072924

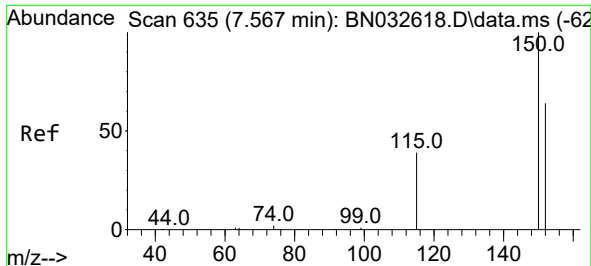
Quant Time: Jul 31 03:43:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 10:37:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	966	0.400	ng	# 0.05
7) Naphthalene-d8	10.351	136	5226	0.400	ng	# 0.02
13) Acenaphthene-d10	14.158	164	3558	0.400	ng	-0.01
19) Phenanthrene-d10	16.933	188	9109	0.400	ng	-0.02
29) Chrysene-d12	21.142	240	10204	0.400	ng	-0.02
35) Perylene-d12	23.329	264	11347	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.286	112	241	0.099	ng	0.04
5) Phenol-d6	7.091	99	258	0.085	ng	0.19
8) Nitrobenzene-d5	8.931	82	964	0.245	ng	0.07
11) 2-Methylnaphthalene-d10	11.931	152	2428	0.304	ng	-0.02
14) 2,4,6-Tribromophenol	15.704	330	493	0.324	ng	-0.04
15) 2-Fluorobiphenyl	12.800	172	4012	0.303	ng	-0.02
27) Fluoranthene-d10	18.964	212	10071	0.427	ng	-0.03
31) Terphenyl-d14	19.559	244	8595	0.411	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	3.090	88	734	0.613	ng	# 74
6) bis(2-Chloroethyl)ether	7.055	93	53	0.021	ng	# 46
20) 4,6-Dinitro-2-methylph...	15.567	198	2	0.294	ng	# 1
28) Fluoranthene	19.001	202	696	0.023	ng	# 90
32) Benzo(a)anthracene	21.134	228	1306	0.040	ng	# 77
33) Chrysene	21.178	228	2052	0.053	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.017	149	6705	0.375	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.563	276	1932	0.043	ng	97
37) Benzo(b)fluoranthene	22.680	252	1786	0.045	ng	# 1
38) Benzo(k)fluoranthene	22.724	252	1890	0.042	ng	# 1
39) Benzo(a)pyrene	23.250	252	1235	0.035	ng	# 1
40) Dibenzo(a,h)anthracene	25.548	278	1482	0.042	ng	# 1
41) Benzo(g,h,i)perylene	26.235	276	1718	0.044	ng	# 46

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

Quant Time: Jul 31 03:43:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 10:37:08 2024
Response via : Initial Calibration

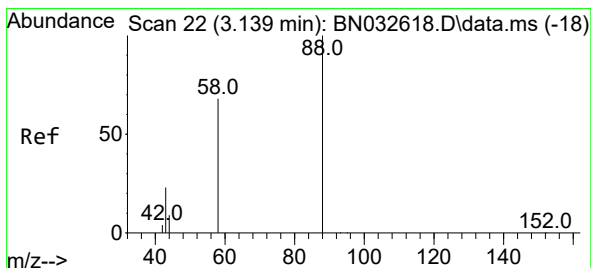
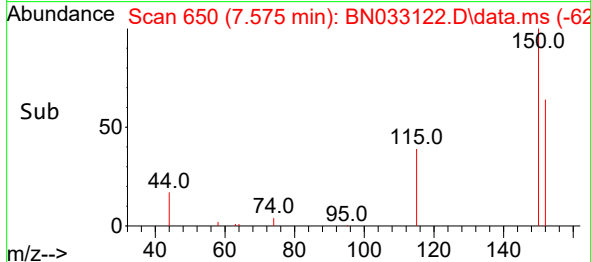
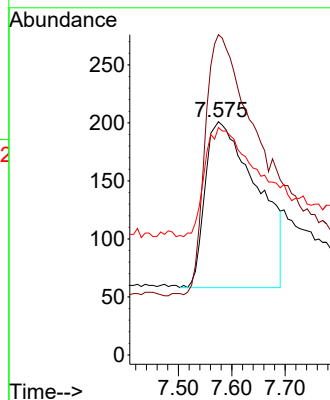
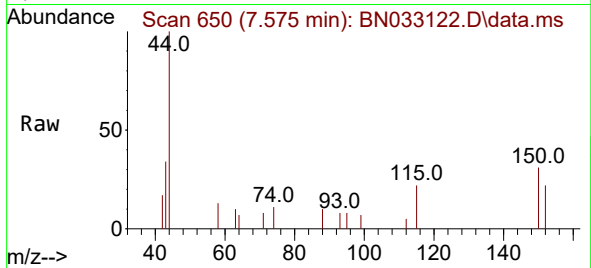




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. 0.051 min
 Lab File: BN033122.D
 Acq: 31 Jul 2024 02:37

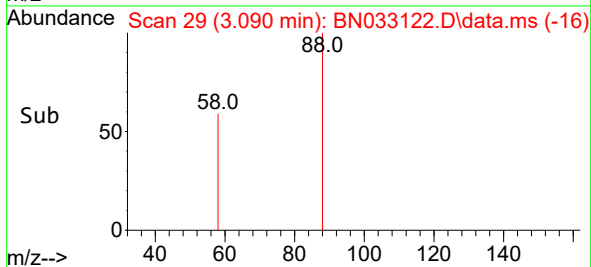
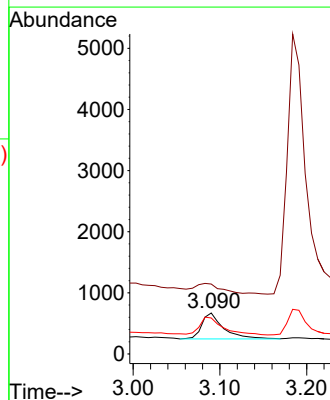
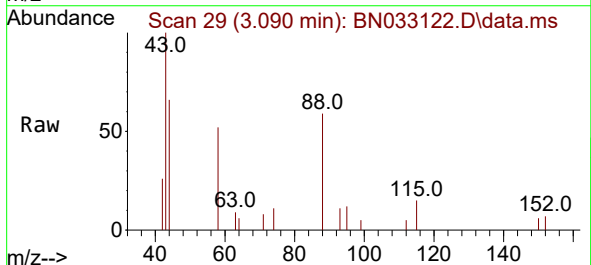
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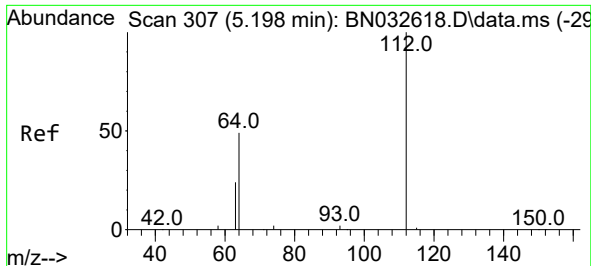
Tgt Ion:152 Resp: 966
 Ion Ratio Lower Upper
 152 100
 150 137.3 123.8 185.6
 115 97.5 52.8 79.2#



#2
 1,4-Dioxane
 Concen: 0.613 ng
 RT: 3.090 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN033122.D
 Acq: 31 Jul 2024 02:37

Tgt Ion: 88 Resp: 734
 Ion Ratio Lower Upper
 88 100
 43 51.8 18.4 27.6#
 58 72.3 49.2 73.8





#4

2-Fluorophenol

Concen: 0.099 ng

RT: 5.286 min Scan# 31

Delta R.T. 0.043 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

Instrument :

BNA_N

ClientSampleId :

GWBR-05-440-460-072924

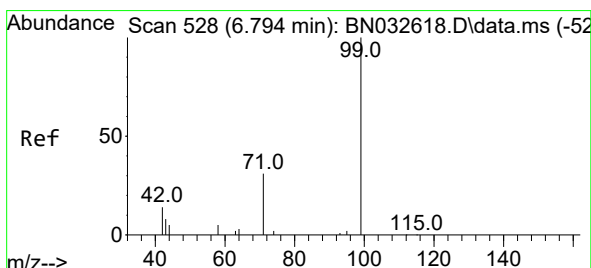
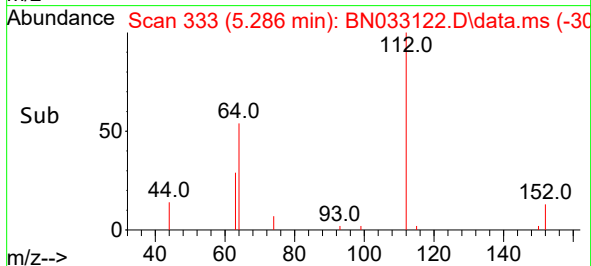
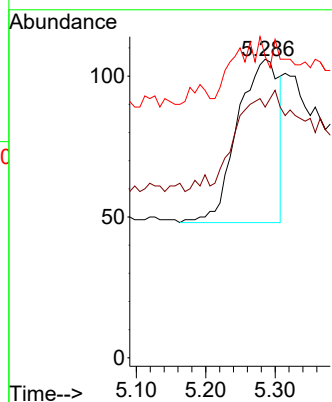
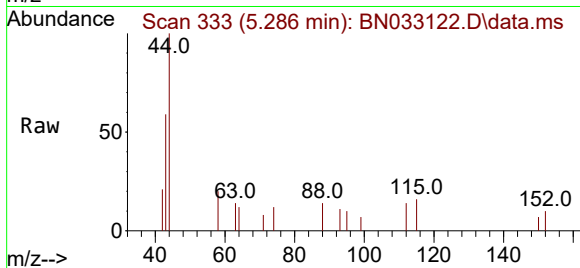
Tgt Ion:112 Resp: 241

Ion Ratio Lower Upper

112 100

64 39.0 40.2 60.4#

63 0.0 22.2 33.4#



#5

Phenol-d6

Concen: 0.085 ng

RT: 7.091 min Scan# 583

Delta R.T. 0.188 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

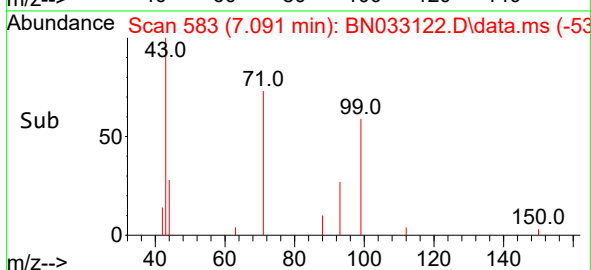
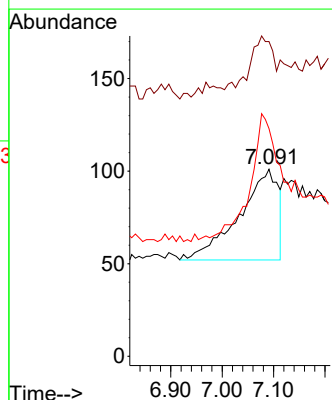
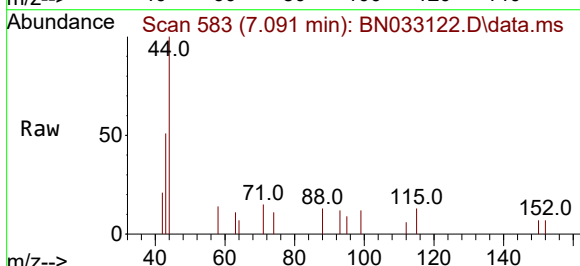
Tgt Ion: 99 Resp: 258

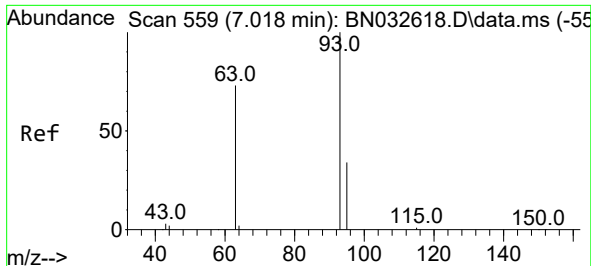
Ion Ratio Lower Upper

99 100

42 48.4 10.5 15.7#

71 118.6 22.3 33.5#

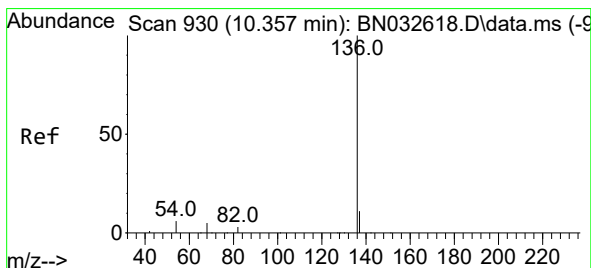
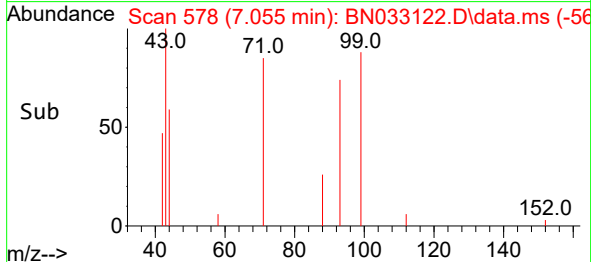
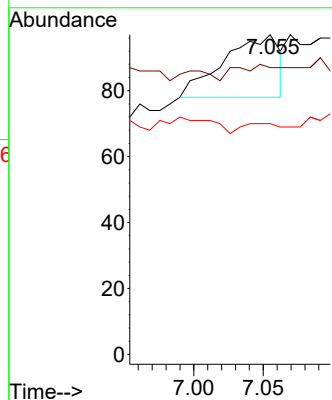
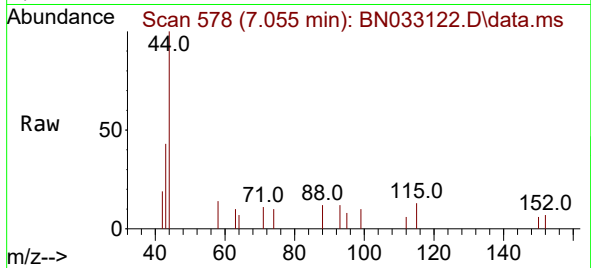




#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.055 min Scan# 51
Delta R.T. 0.029 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

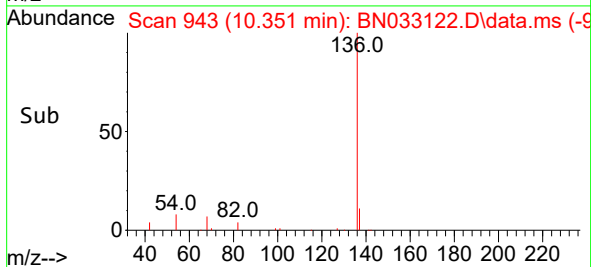
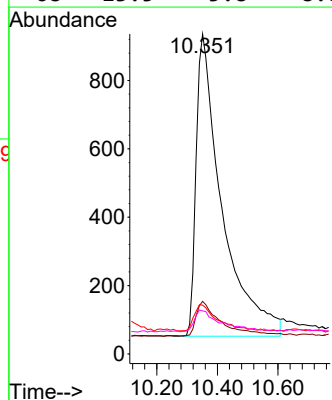
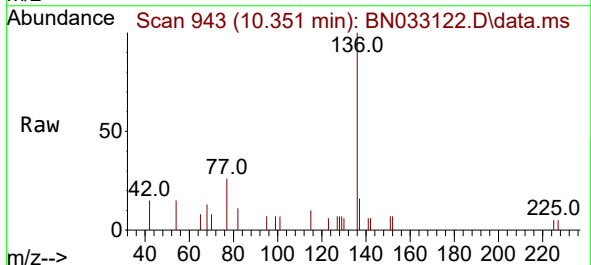
Instrument :
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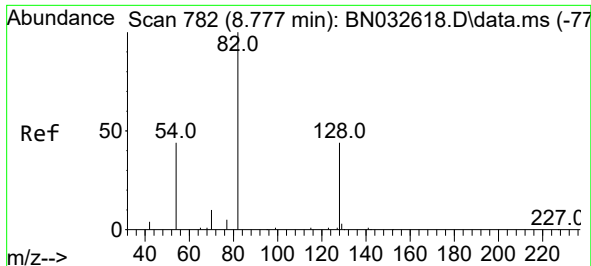
Tgt Ion: 93 Resp: 53
Ion Ratio Lower Upper
93 100
63 11.3 46.4 69.6#
95 11.3 25.5 38.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. 0.021 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

Tgt Ion: 136 Resp: 5226
Ion Ratio Lower Upper
136 100
137 16.5 9.9 14.9#
54 15.3 6.5 9.7#
68 13.5 5.8 8.8#

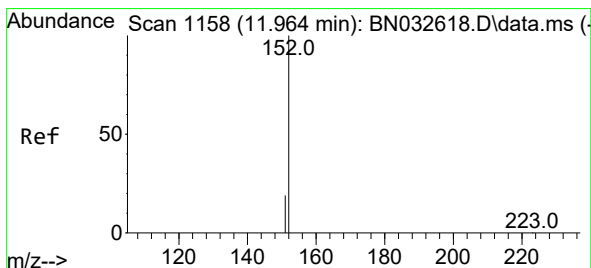
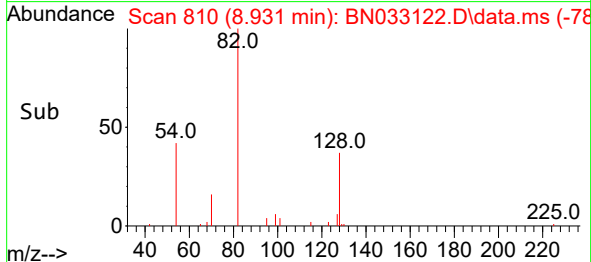
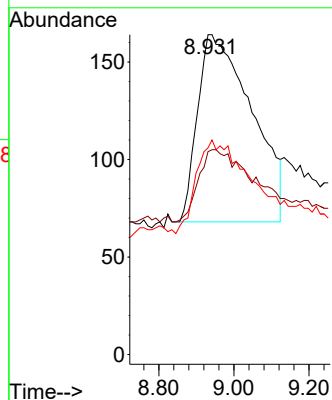
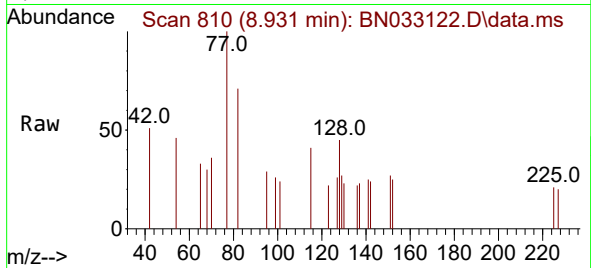




#8
Nitrobenzene-d5
Concen: 0.245 ng
RT: 8.931 min Scan# 81
Delta R.T. 0.075 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

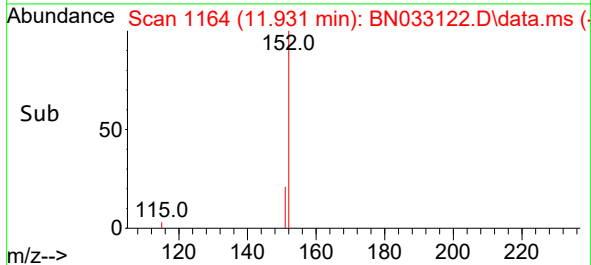
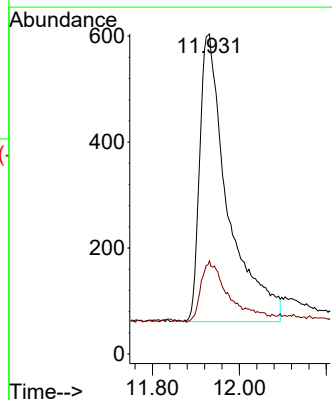
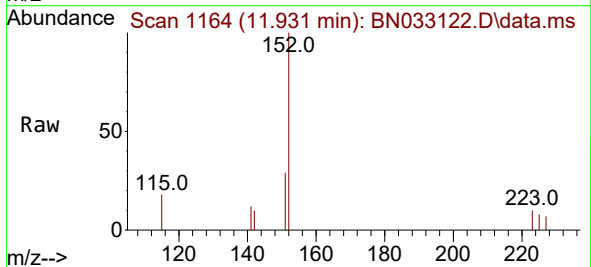
Instrument :
BNA_N
ClientSampleId :
GWBR-05-440-460-072924

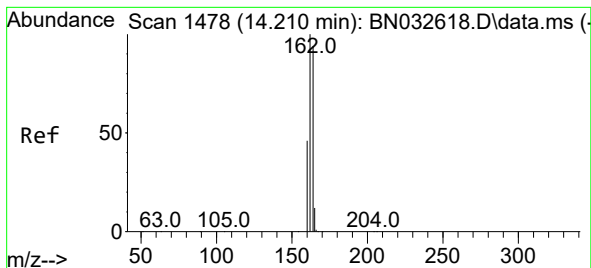
Tgt Ion: 82 Resp: 964
Ion Ratio Lower Upper
82 100
128 63.4 41.7 62.5#
54 64.6 39.5 59.3#



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 11.931 min Scan# 1164
Delta R.T. -0.015 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

Tgt Ion: 152 Resp: 2428
Ion Ratio Lower Upper
152 100
151 18.7 16.2 24.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.158 min Scan# 1478

Delta R.T. -0.011 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

Instrument :

BNA_N

ClientSampleId :

GWBR-05-440-460-072924

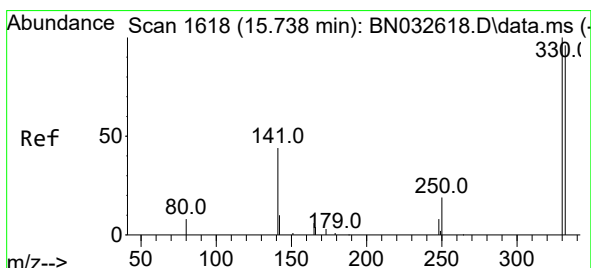
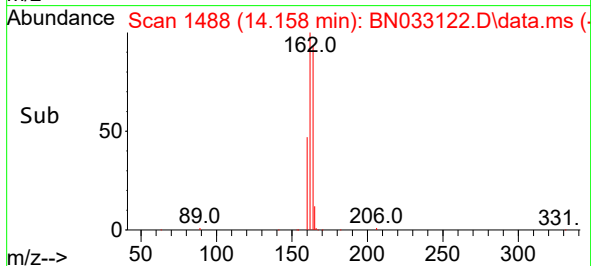
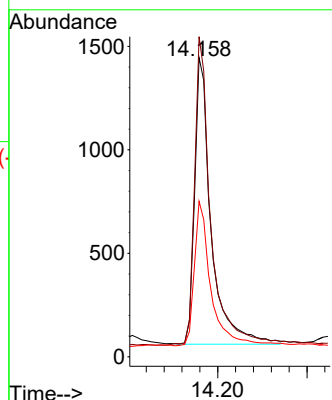
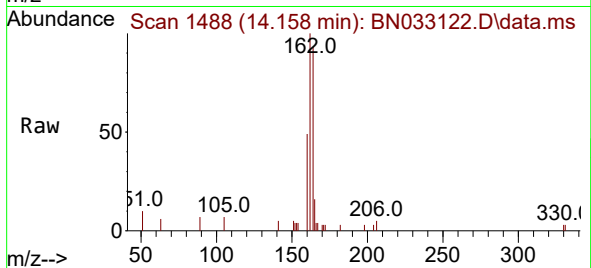
Tgt Ion:164 Resp: 3558

Ion Ratio Lower Upper

164 100

162 107.0 85.0 127.4

160 51.9 39.4 59.2



#14

2,4,6-Tribromophenol

Concen: 0.324 ng

RT: 15.704 min Scan# 1630

Delta R.T. -0.037 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

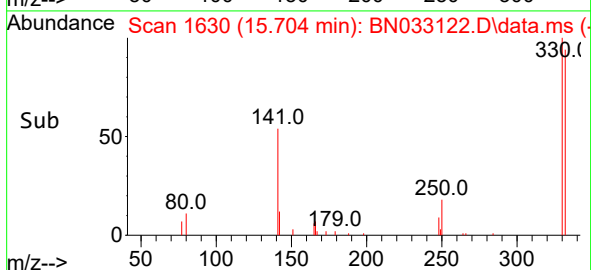
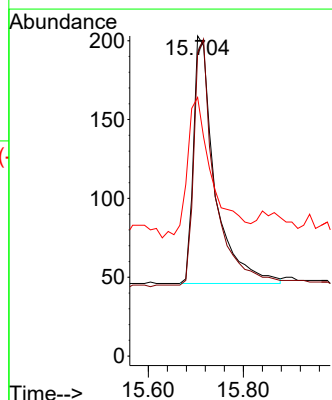
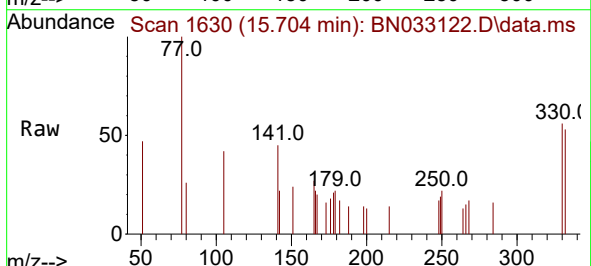
Tgt Ion:330 Resp: 493

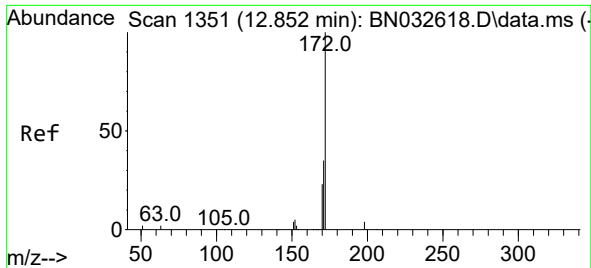
Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.8

141 62.3 34.2 51.2#

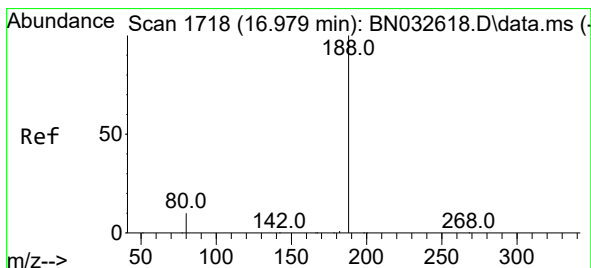
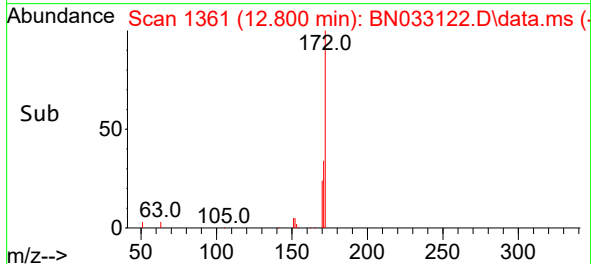
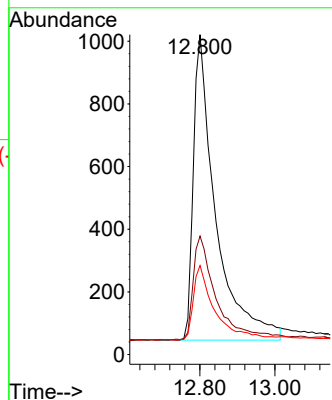
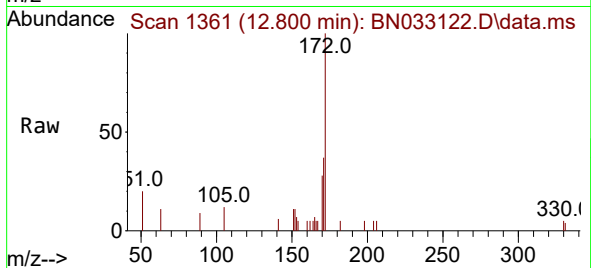




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.800 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

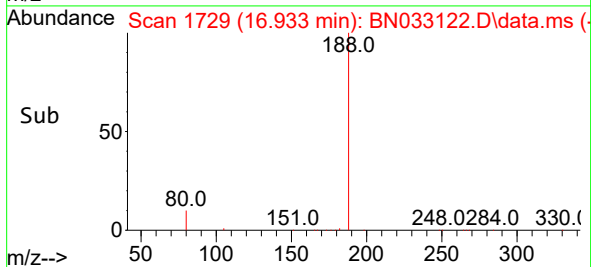
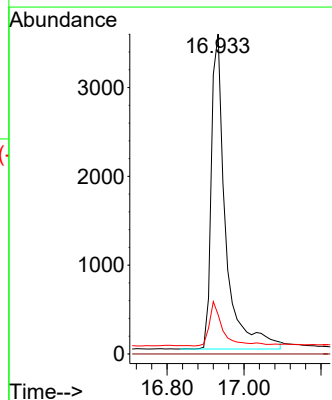
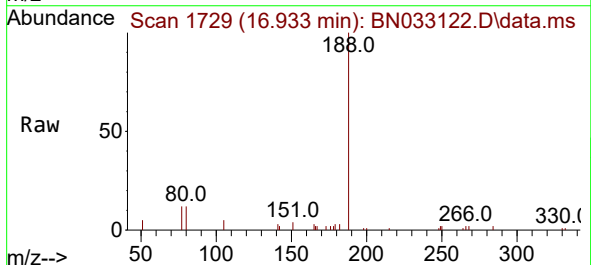
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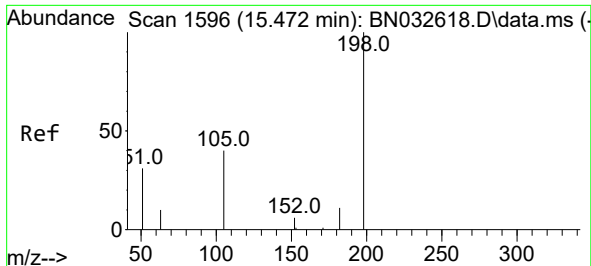
Tgt Ion:	172	Resp:	4012
Ion Ratio	Lower	Upper	
172	100		
171	37.0	28.6	43.0
170	27.8	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.933 min Scan# 1729
Delta R.T. -0.025 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

Tgt Ion:	188	Resp:	9109
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.3	8.8	13.2

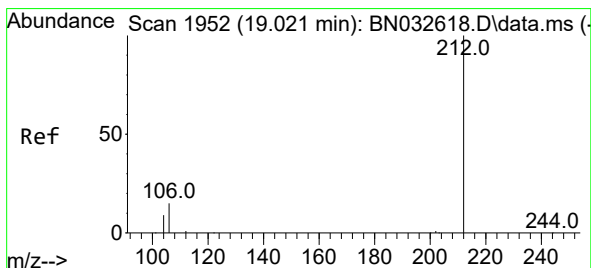
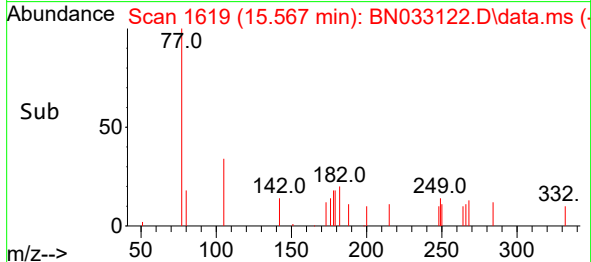
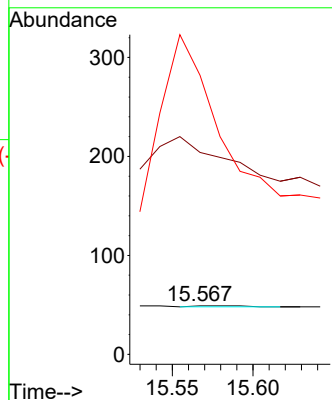
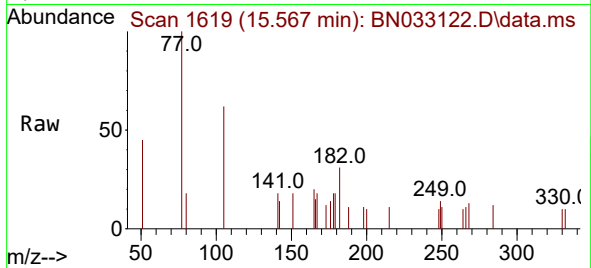




#20
4,6-Dinitro-2-methylphenol
Concen: 0.294 ng
RT: 15.567 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

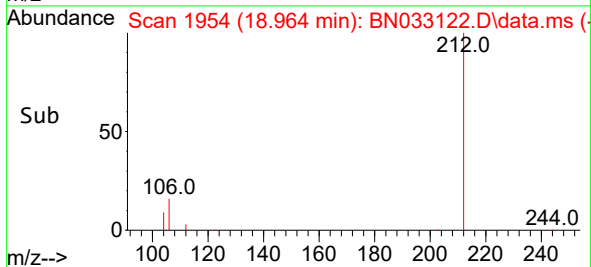
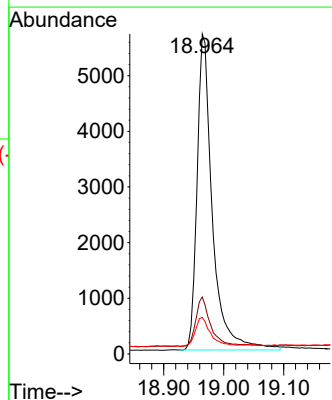
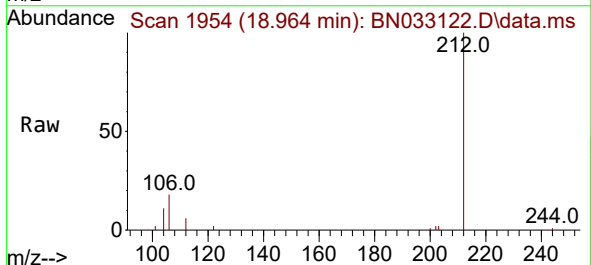
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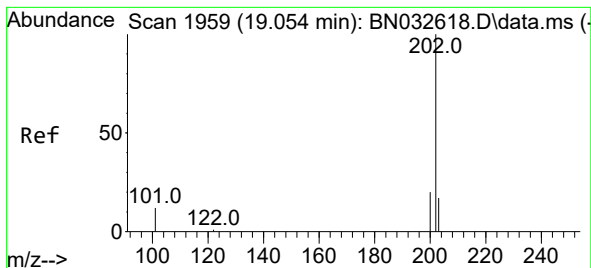
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 416.3 105.7 158.5#
105 575.5 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 18.964 min Scan# 1954
Delta R.T. -0.028 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

Tgt Ion:212 Resp: 10071
Ion Ratio Lower Upper
212 100
106 15.5 11.9 17.9
104 9.2 6.9 10.3





#28

Fluoranthene

Concen: 0.023 ng

RT: 19.001 min Scan# 1959

Delta R.T. -0.019 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

Instrument :

BNA_N

ClientSampleId :

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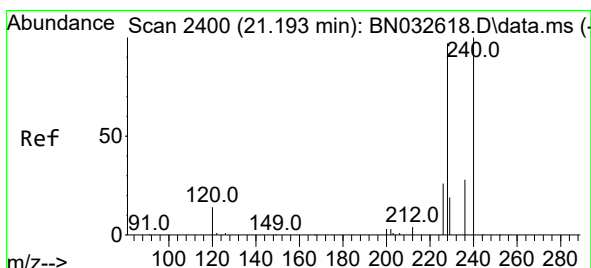
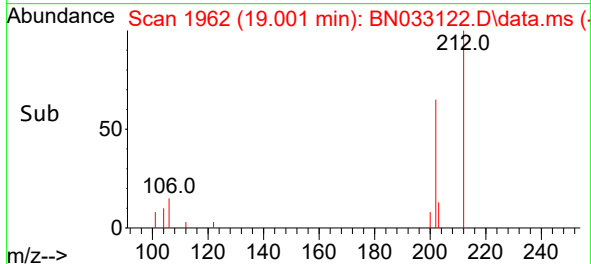
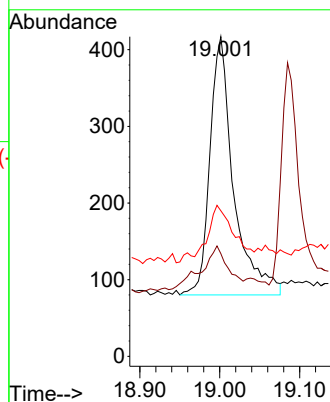
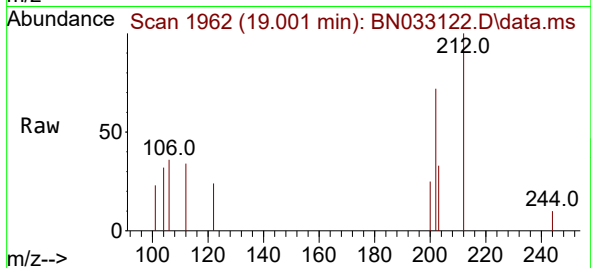
Tgt Ion:202 Resp: 696

Ion Ratio Lower Upper

202 100

101 19.3 9.6 14.4#

203 19.1 13.8 20.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.142 min Scan# 2409

Delta R.T. -0.018 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

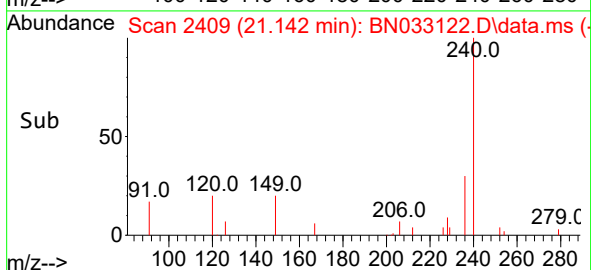
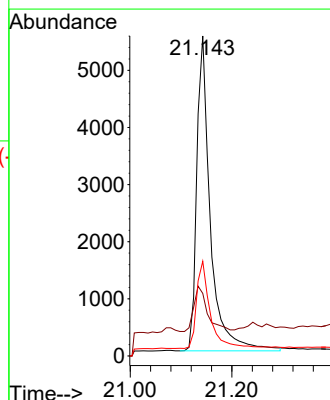
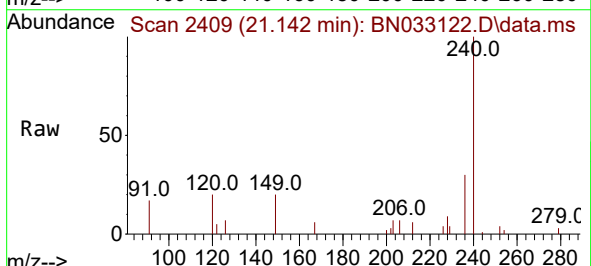
Tgt Ion:240 Resp: 10204

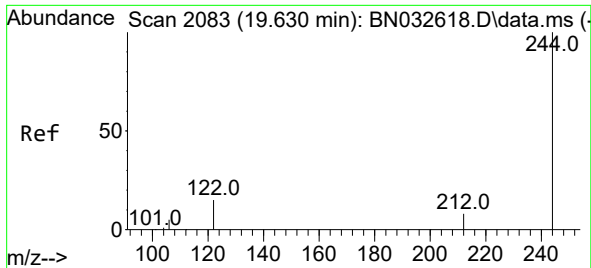
Ion Ratio Lower Upper

240 100

120 19.5 14.8 22.2

236 29.6 23.3 34.9

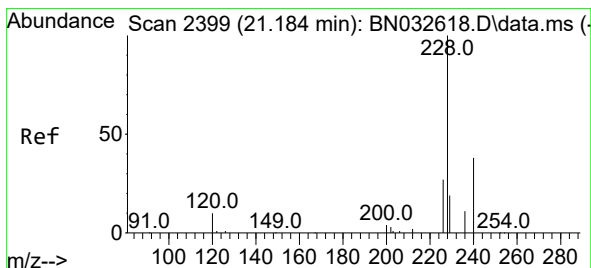
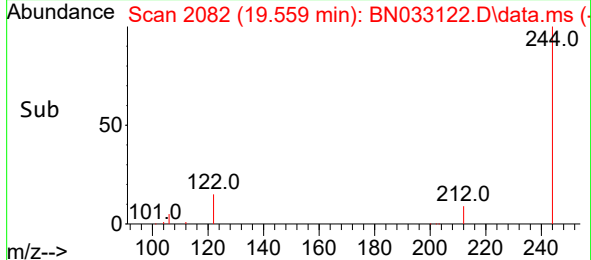
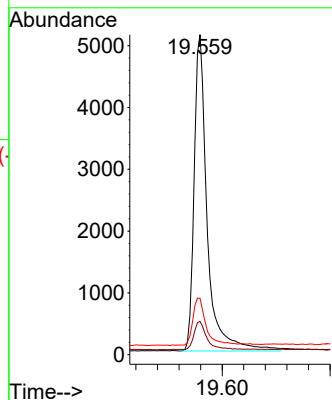
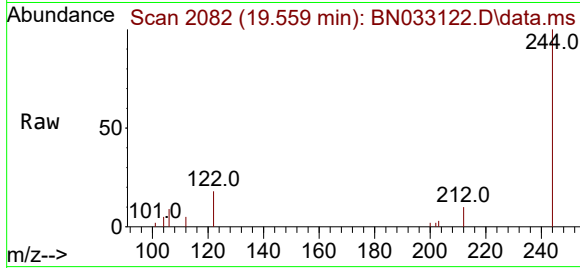




#31
Terphenyl-d14
Concen: 0.411 ng
RT: 19.559 min Scan# 2082
Delta R.T. -0.037 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

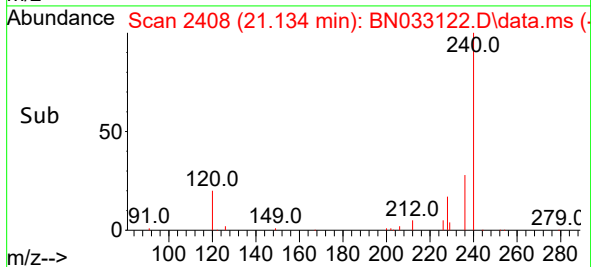
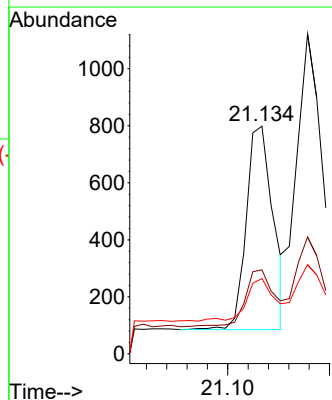
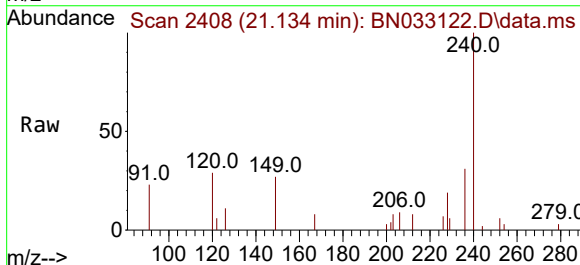
Instrument :
BNA_N
ClientSampleId :
GWBR-05-440-460-072924

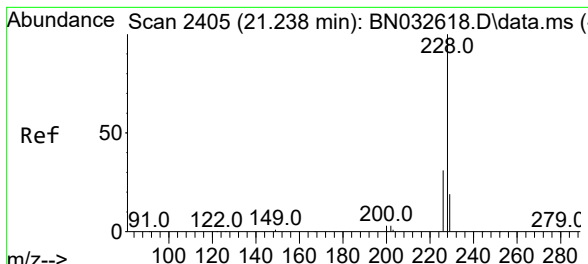
Tgt Ion:244 Resp: 8595
Ion Ratio Lower Upper
244 100
212 10.4 7.5 11.3
122 17.6 12.6 19.0



#32
Benzo(a)anthracene
Concen: 0.040 ng
RT: 21.134 min Scan# 2408
Delta R.T. -0.018 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

Tgt Ion:228 Resp: 1306
Ion Ratio Lower Upper
228 100
226 36.9 21.8 32.6#
229 33.0 16.0 24.0#





#33

Chrysene

Concen: 0.053 ng

RT: 21.178 min Scan# 2405

Delta R.T. -0.018 min

Lab File: BN033122.D

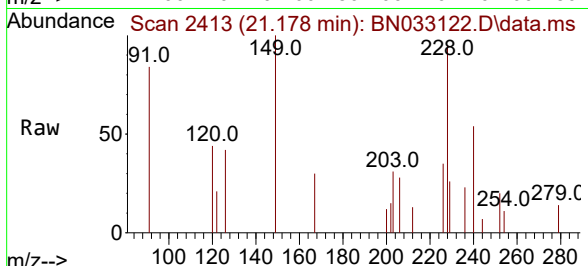
Acq: 31 Jul 2024 02:37

Instrument :

BNA_N

ClientSampleId :

GWBR-05-440-460-072924



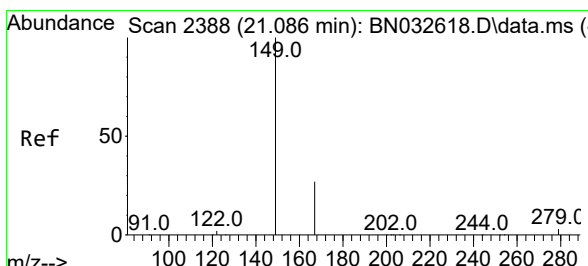
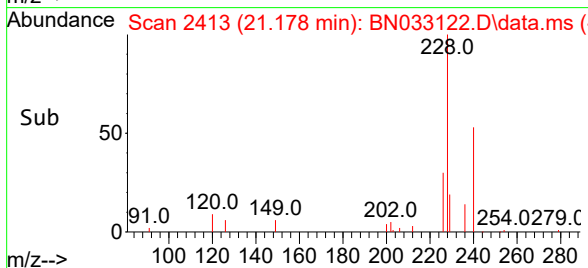
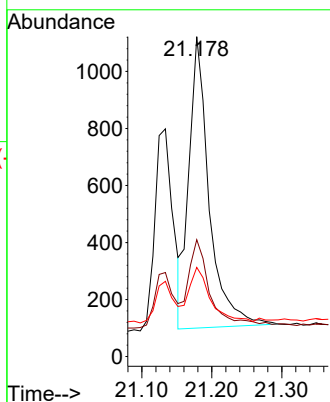
Tgt Ion:228 Resp: 2052

Ion Ratio Lower Upper

228 100

226 36.5 24.2 36.2#

229 27.9 16.0 24.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.375 ng

RT: 21.017 min Scan# 2395

Delta R.T. -0.009 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

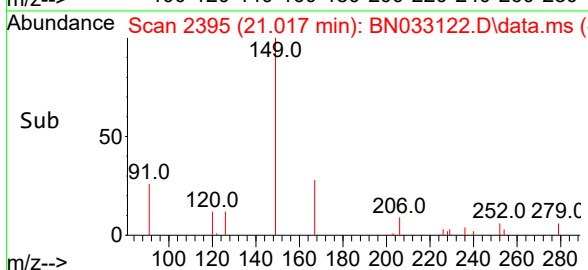
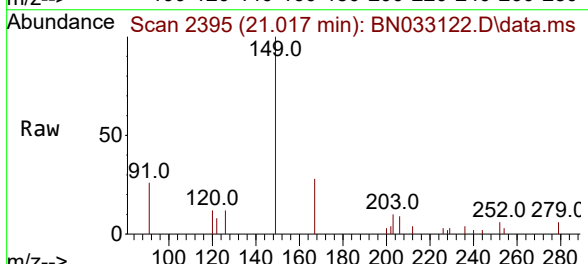
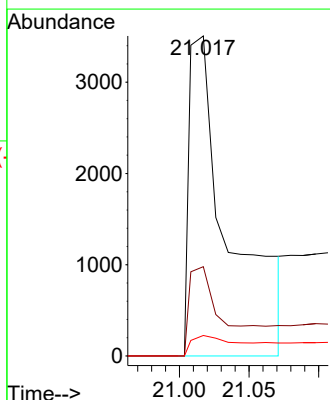
Tgt Ion:149 Resp: 6705

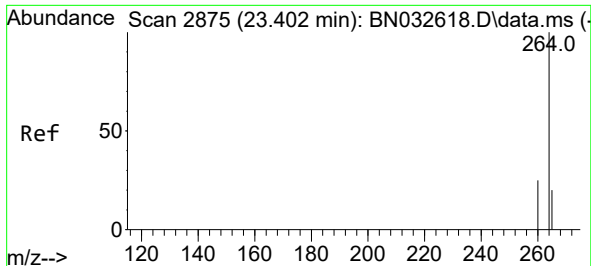
Ion Ratio Lower Upper

149 100

167 20.3 21.4 32.2#

279 7.1 2.8 4.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.329 min Scan# 21

Delta R.T. -0.023 min

Lab File: BN033122.D

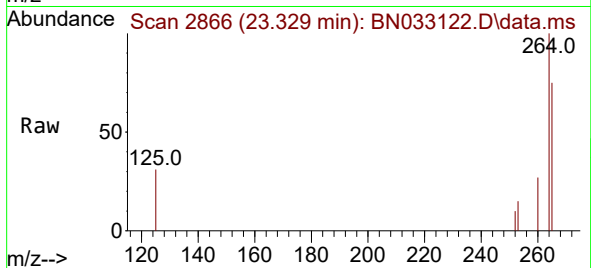
Acq: 31 Jul 2024 02:37

Instrument :

BNA_N

ClientSampleId :

GWBR-05-440-460-072924



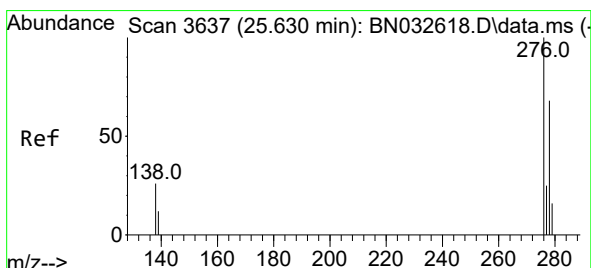
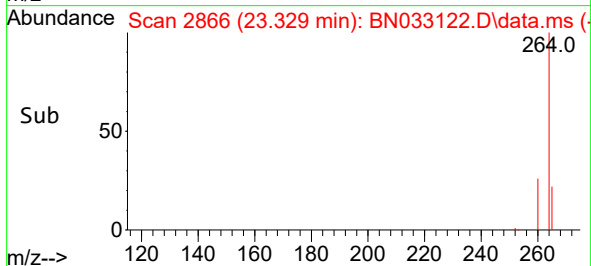
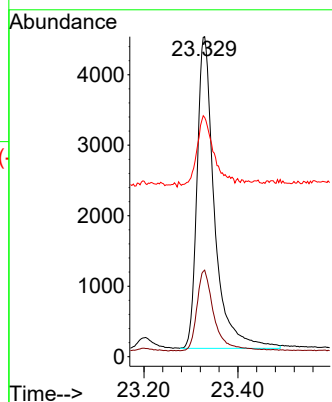
Tgt Ion:264 Resp: 11347

Ion Ratio Lower Upper

264 100

260 27.0 20.9 31.3

265 74.8 85.4 128.2#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.043 ng

RT: 25.563 min Scan# 3630

Delta R.T. -0.012 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

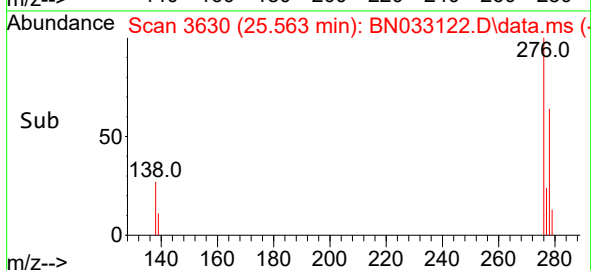
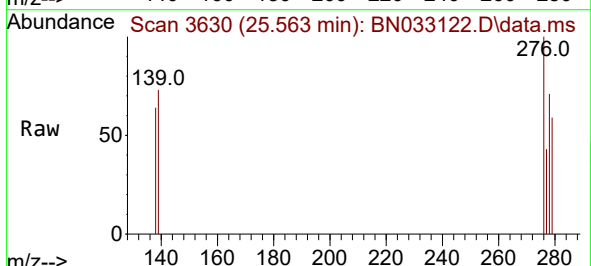
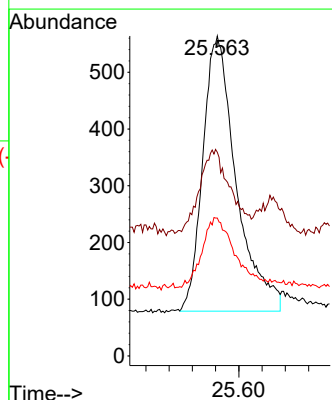
Tgt Ion:276 Resp: 1932

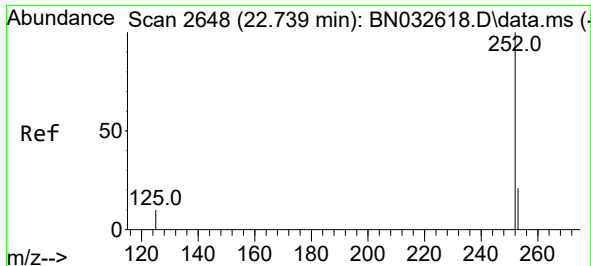
Ion Ratio Lower Upper

276 100

138 28.5 21.0 31.4

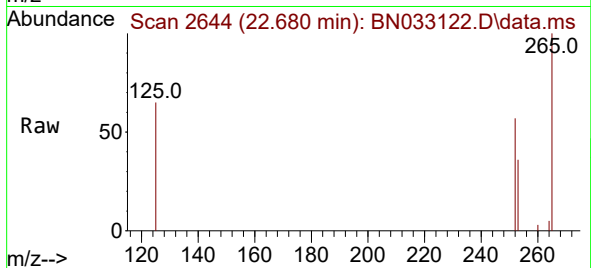
277 24.7 19.5 29.3



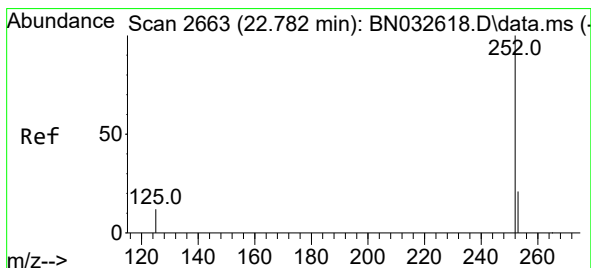
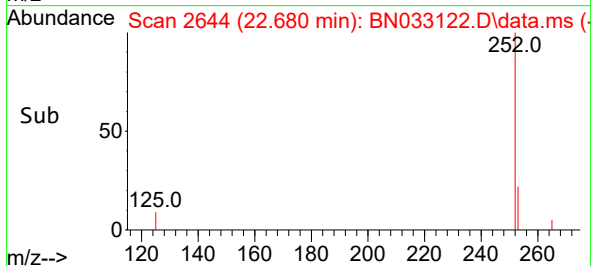
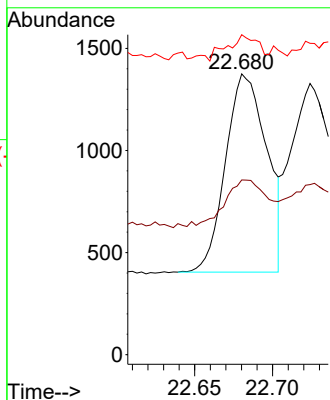


#37
Benzo(b)fluoranthene
Concen: 0.045 ng
RT: 22.680 min Scan# 2644
Delta R.T. -0.017 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

Instrument :
BNA_N
ClientSampleId :
GWBR-05-440-460-072924

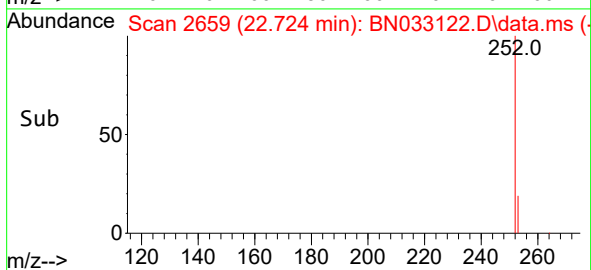
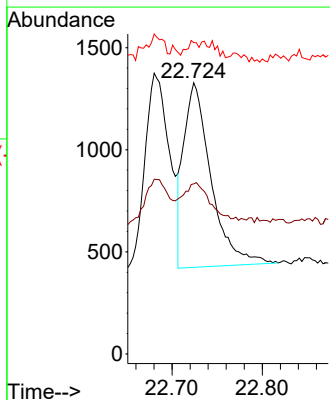
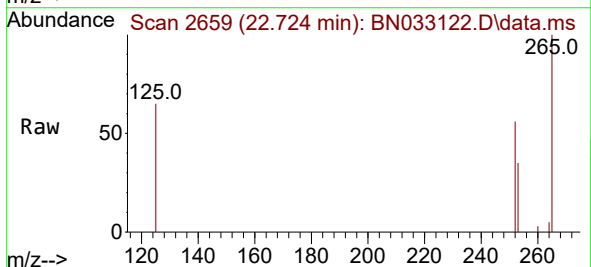


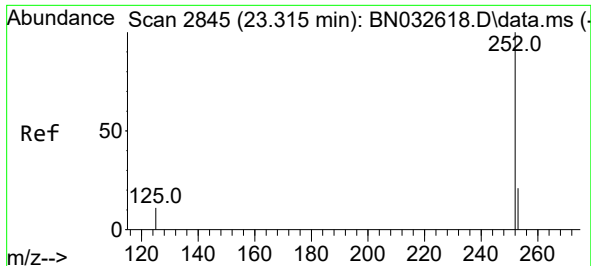
Tgt Ion:252 Resp: 1786
Ion Ratio Lower Upper
252 100
253 62.3 22.3 33.5#
125 114.0 15.4 23.2#



#38
Benzo(k)fluoranthene
Concen: 0.042 ng
RT: 22.724 min Scan# 2659
Delta R.T. -0.017 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

Tgt Ion:252 Resp: 1890
Ion Ratio Lower Upper
252 100
253 62.7 22.6 34.0#
125 114.8 16.2 24.4#

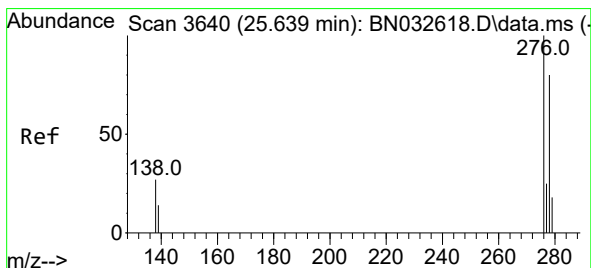
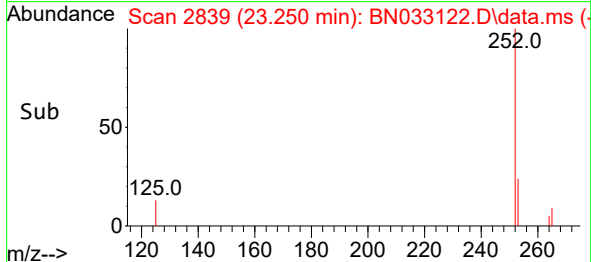
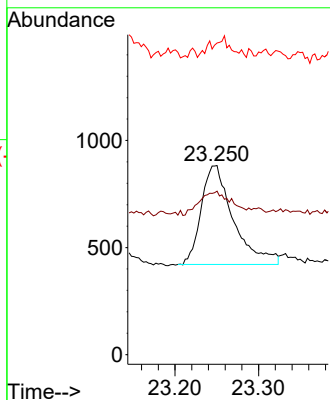
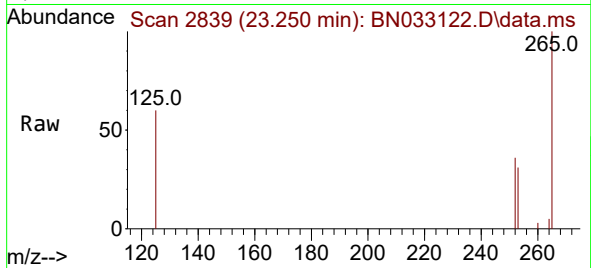




#39
Benzo(a)pyrene
Concen: 0.035 ng
RT: 23.250 min Scan# 21
Delta R.T. -0.026 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

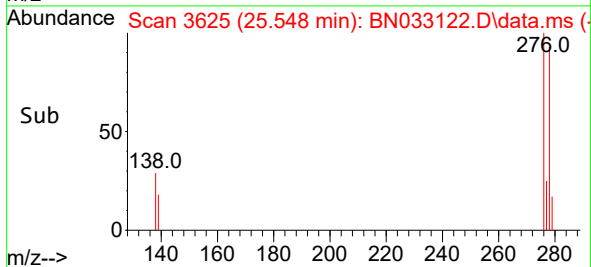
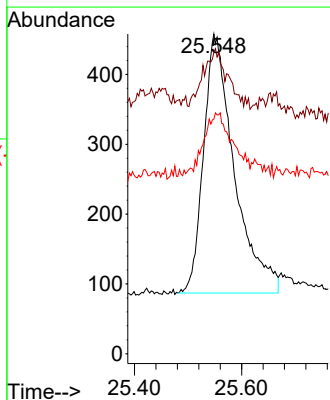
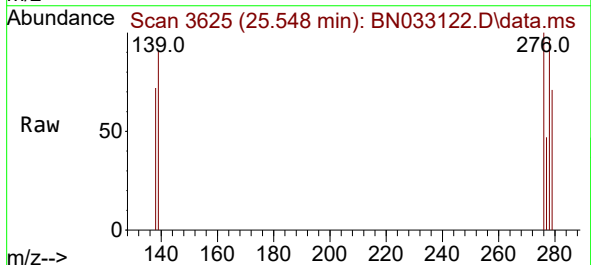
Instrument :
BNA_N
ClientSampleId :
GWBR-05-440-460-072924

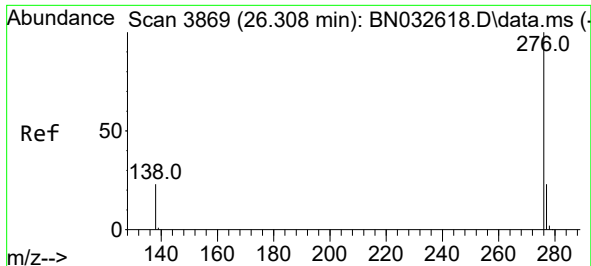
Tgt Ion:252 Resp: 1235
Ion Ratio Lower Upper
252 100
253 86.4 25.8 38.8#
125 164.8 21.4 32.2#



#40
Dibenzo(a,h)anthracene
Concen: 0.042 ng
RT: 25.548 min Scan# 3625
Delta R.T. -0.026 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

Tgt Ion:278 Resp: 1482
Ion Ratio Lower Upper
278 100
139 94.3 16.7 25.1#
279 73.4 24.3 36.5#





#41

Benzo(g,h,i)perylene

Concen: 0.044 ng

RT: 26.235 min Scan# 3

Delta R.T. -0.015 min

Lab File: BN033122.D

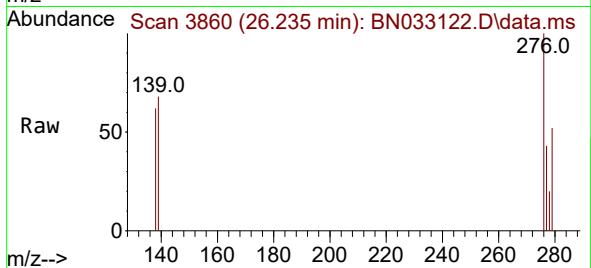
Acq: 31 Jul 2024 02:37

Instrument :

BNA_N

ClientSampleId :

GWBR-05-440-460-072924



Tgt Ion:276 Resp: 1718

Ion Ratio Lower Upper

276 100

277 43.2 20.2 30.2#

138 61.8 20.5 30.7#

