

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
 Data File : BN032253.D
 Acq On : 25 Jun 2024 23:54
 Operator : MA/JU
 Sample : P3034-02MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-187-208-062124MS

Quant Time: Jun 26 02:55:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	8568	0.400	ng	-0.01
7) Naphthalene-d8	10.410	136	24654	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	13630	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	26963	0.400	ng	0.00
29) Chrysene-d12	21.229	240	23455	0.400	ng	# 0.00
35) Perylene-d12	23.452	264	26449	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	3405	0.140	ng	0.00
5) Phenol-d6	6.823	99	2145	0.067	ng	0.00
8) Nitrobenzene-d5	8.788	82	5670	0.277	ng	-0.01
11) 2-Methylnaphthalene-d10	12.002	152	14072	0.358	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	2008	0.307	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	15857	0.307	ng	-0.01
27) Fluoranthene-d10	19.063	212	24598	0.335	ng	0.00
31) Terphenyl-d14	19.667	244	18425	0.321	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	10091	0.962	ng	97
3) n-Nitrosodimethylamine	3.508	42	1106	0.111	ng	# 93
6) bis(2-Chloroethyl)ether	7.068	93	6638	0.241	ng	98
9) Naphthalene	10.453	128	18848	0.284	ng	98
10) Hexachlorobutadiene	10.731	225	3448	0.297	ng	# 98
12) 2-Methylnaphthalene	12.077	142	12250	0.270	ng	98
16) Acenaphthylene	13.996	152	18198	0.290	ng	100
17) Acenaphthene	14.338	154	11260	0.278	ng	100
18) Fluorene	15.333	166	14716	0.272	ng	100
20) 4,6-Dinitro-2-methylph...	15.450	198	678	0.294	ng	# 42
21) 4-Bromophenyl-phenylether	16.222	248	4777	0.312	ng	98
22) Hexachlorobenzene	16.334	284	5294	0.334	ng	97
23) Atrazine	16.495	200	4354	0.311	ng	97
24) Pentachlorophenol	16.694	266	5131	0.680	ng	99
25) Phenanthrene	17.066	178	25006	0.334	ng	99
26) Anthracene	17.165	178	22519	0.324	ng	100
28) Fluoranthene	19.096	202	30609	0.337	ng	99
30) Pyrene	19.458	202	32054	0.344	ng	100
32) Benzo(a)anthracene	21.211	228	32265	0.365	ng	99
33) Chrysene	21.265	228	31499	0.377	ng	99
34) Bis(2-ethylhexyl)phtha...	21.130	149	23060	0.382	ng	100
36) Indeno(1,2,3-cd)pyrene	25.697	276	42860	0.434	ng	100
37) Benzo(b)fluoranthene	22.782	252	35177	0.365	ng	95
38) Benzo(k)fluoranthene	22.823	252	36978	0.406	ng	95
39) Benzo(a)pyrene	23.356	252	31446	0.378	ng	94
40) Dibenzo(a,h)anthracene	25.706	278	33540	0.431	ng	98
41) Benzo(g,h,i)perylene	26.390	276	33079	0.396	ng	98

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

Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124MS

TIC: BN032253.D\data.ms

Abundance

Time-->

1,4-Dioxane

n-Nitrosodimethylamine

2-Fluorophenol,S

Phenol-d6,S

bis(2-Chloroethyl)ether

1,4-Dichlorobenzene-d4,l

Nitrobenzene-d5,S

Hexachlorobutadiene

Naphthalene-d8,l

2-Methylnaphthalene-d10,S

2-Methylnaphthalene

2-Fluorobiphenyl,S

Acenaphthylene

Acenaphthylene-d10,l

Fluorene

4,6-Dinitro-2-methylphenol

2,4,6-Tribromophenol,S

Hexachlorobenzene

4-Bromophenyl-phenylether

Pentachlorophenol

Phenanthrene-d10

Phenanthrene

Fluoranthene-d10,S

Fluoranthene

Pyrene

Terphenyl-d14,S

Bis(2-ethylhexyl)phthalate

Benzofluoranthene

Benzo(a)pyrene

Perylene

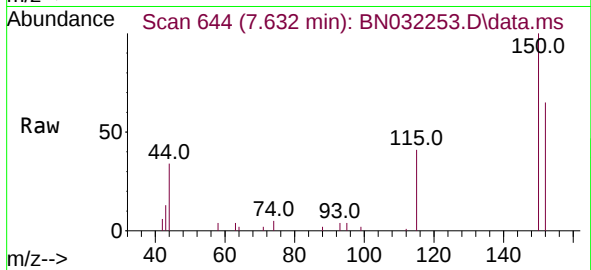
Benzo(g,h,i)perylene

Dibenz(a,h)pyrene

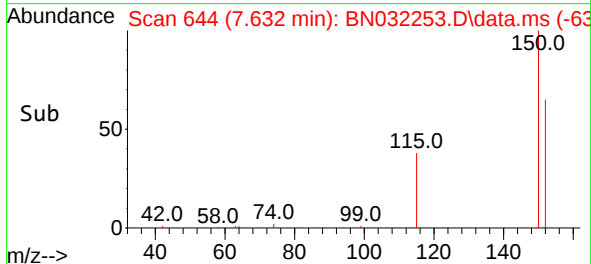
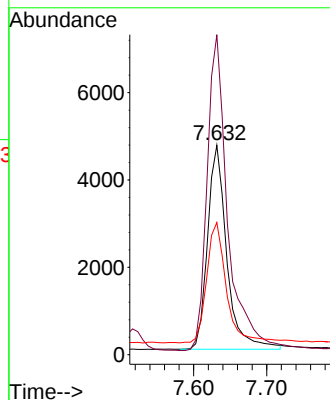


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.632 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN032253.D
 Acq: 25 Jun 2024 23:54

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-187-208-062124MS

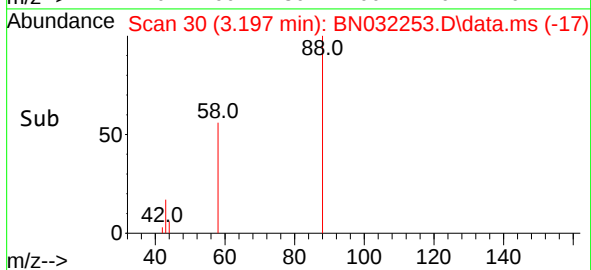
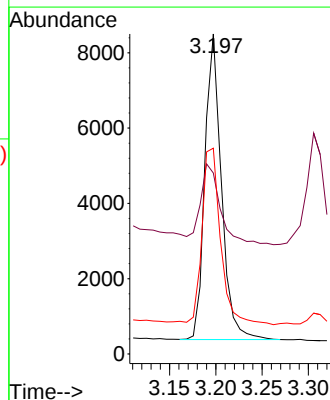
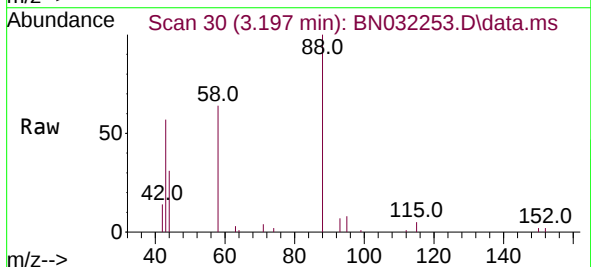


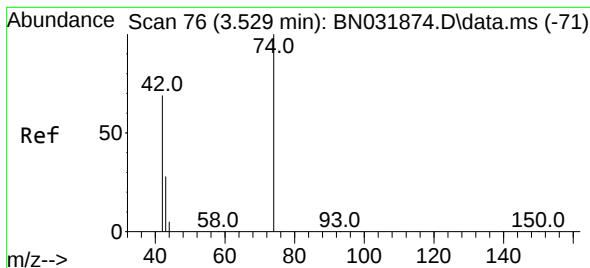
Tgt Ion:152 Resp: 8568
 Ion Ratio Lower Upper
 152 100
 150 152.8 121.0 181.4
 115 63.1 49.4 74.0



#2
 1,4-Dioxane
 Concen: 0.962 ng
 RT: 3.197 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN032253.D
 Acq: 25 Jun 2024 23:54

Tgt Ion: 88 Resp: 10091
 Ion Ratio Lower Upper
 88 100
 43 31.9 22.7 34.1
 58 65.4 51.3 76.9





#3

n-Nitrosodimethylamine

Concen: 0.111 ng

RT: 3.508 min Scan# 71

Delta R.T. -0.007 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124MS

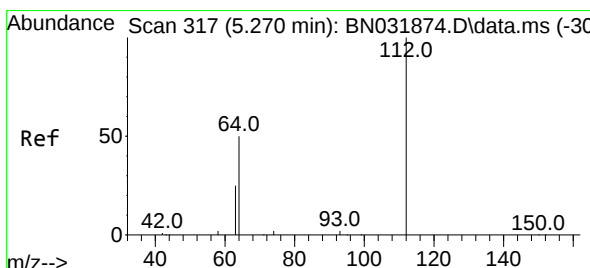
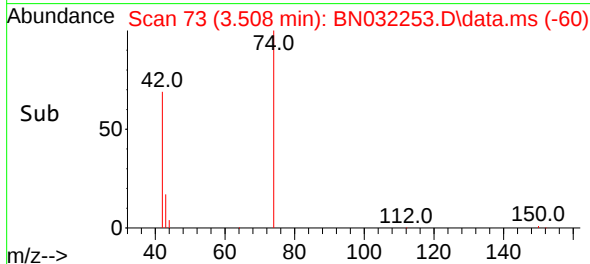
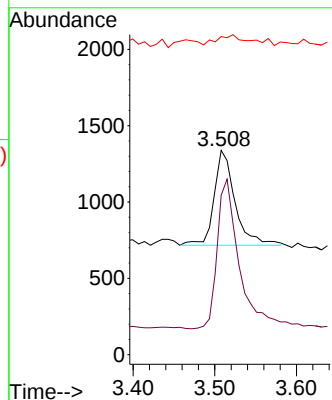
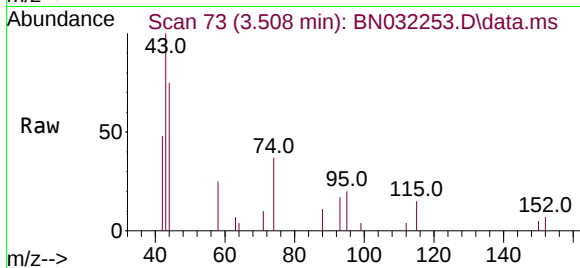
Tgt Ion: 42 Resp: 1106

Ion Ratio Lower Upper

42 100

74 164.5 125.2 187.8

44 19.2 6.9 10.3#



#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.241 min Scan# 313

Delta R.T. -0.007 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

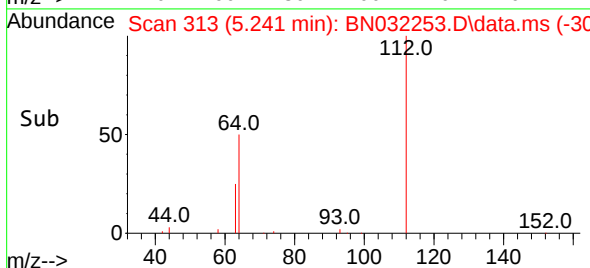
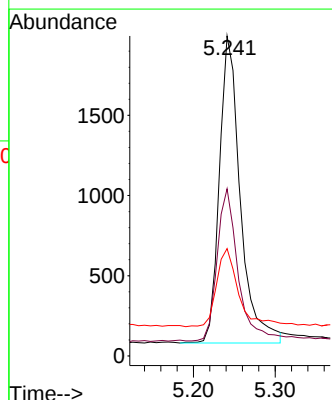
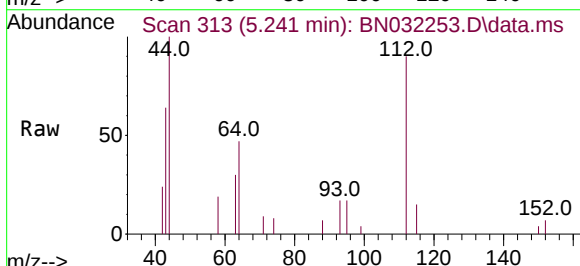
Tgt Ion: 112 Resp: 3405

Ion Ratio Lower Upper

112 100

64 49.3 42.4 63.6

63 26.6 22.1 33.1

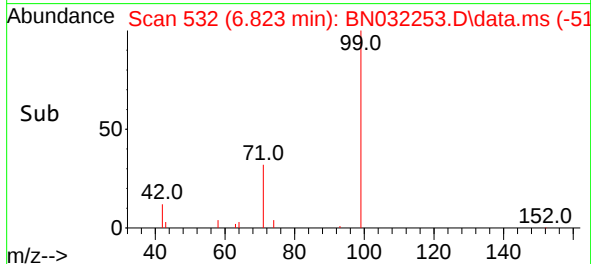
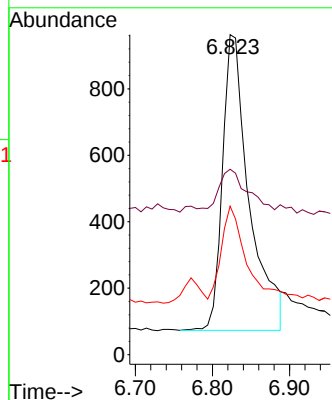
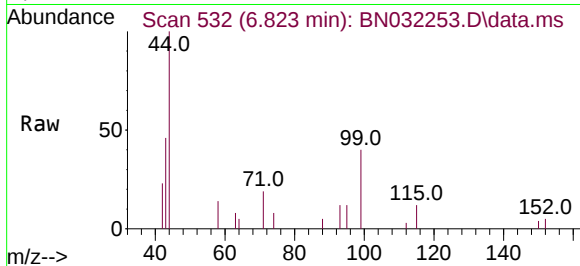




#5
Phenol-d6
Concen: 0.067 ng
RT: 6.823 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

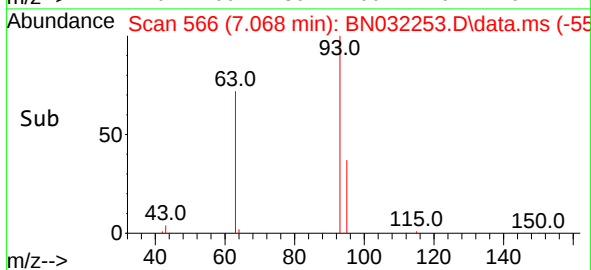
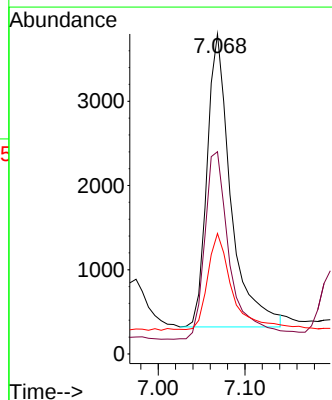
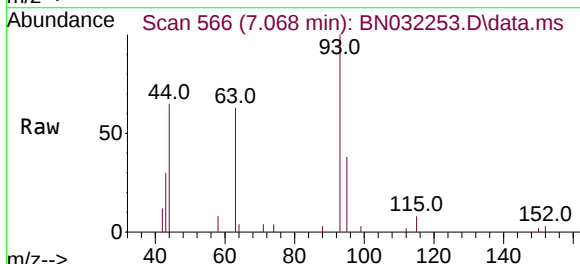
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 99 Resp: 2145
Ion Ratio Lower Upper
99 100
42 14.1 12.8 19.2
71 28.0 25.4 38.2



#6
bis(2-Chloroethyl)ether
Concen: 0.241 ng
RT: 7.068 min Scan# 566
Delta R.T. -0.014 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

Tgt Ion: 93 Resp: 6638
Ion Ratio Lower Upper
93 100
63 68.3 56.2 84.2
95 33.1 26.4 39.6

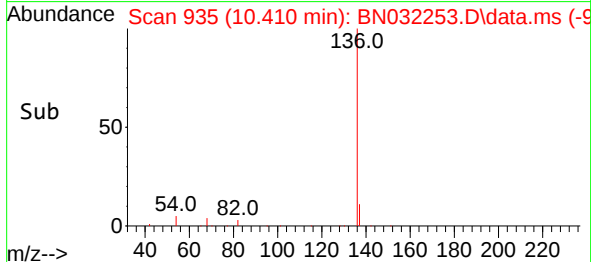
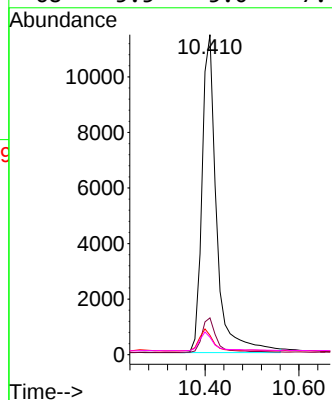
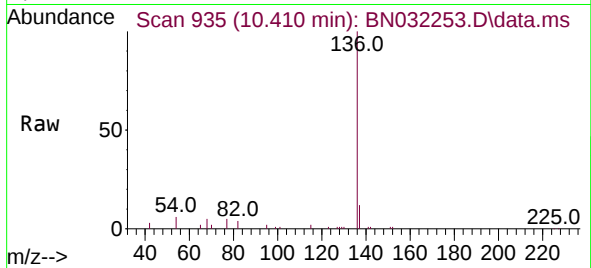




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

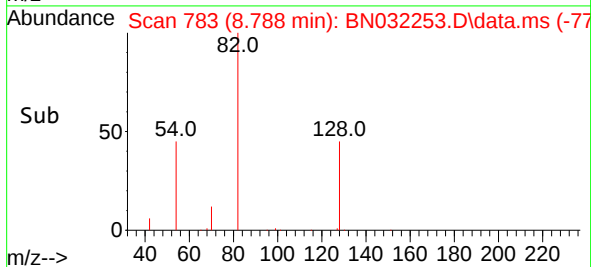
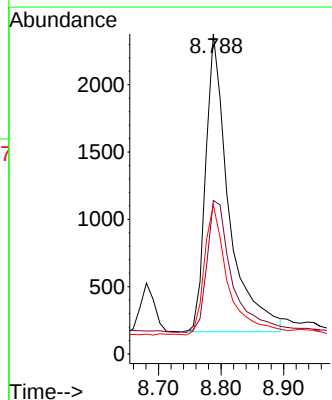
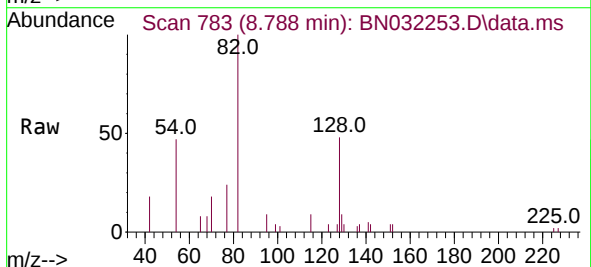
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124MS

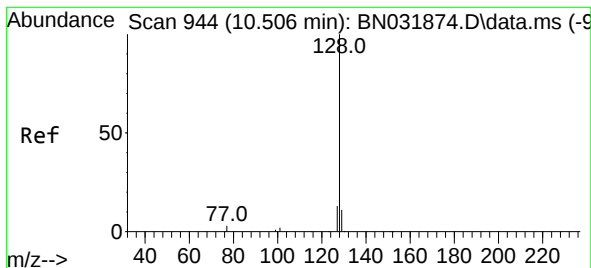
Tgt Ion:	136	Resp:	24654
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	6.1	5.6	8.4
68	5.5	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.788 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

Tgt Ion:	82	Resp:	5670
Ion Ratio	Lower	Upper	
82	100		
128	48.0	32.1	48.1
54	46.6	39.7	59.5





#9

Naphthalene

Concen: 0.284 ng

RT: 10.453 min Scan# 91

Delta R.T. -0.021 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124MS

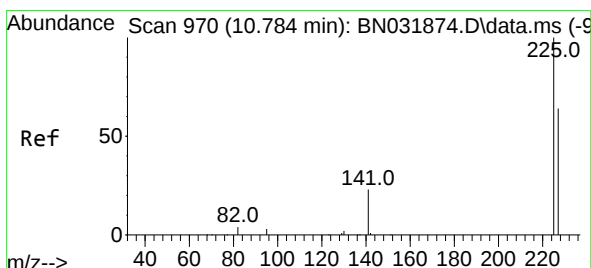
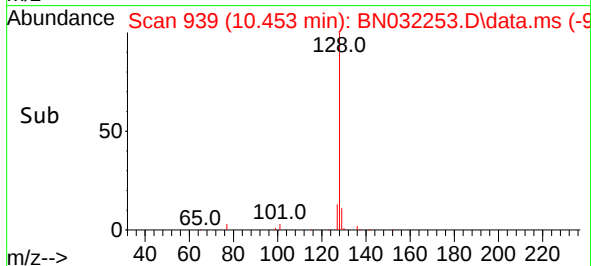
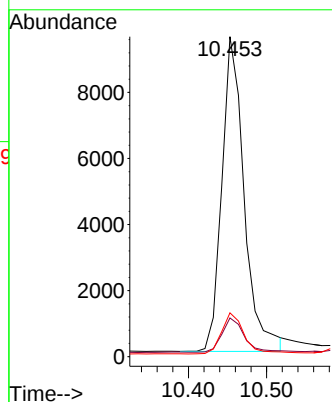
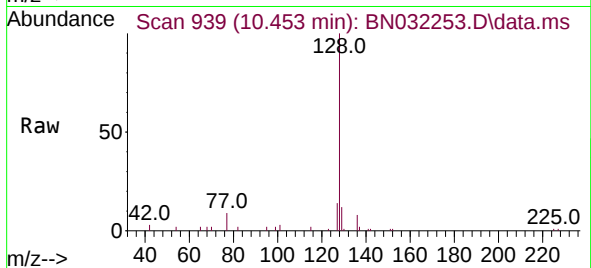
Tgt Ion:128 Resp: 18848

Ion Ratio Lower Upper

128 100

129 12.1 9.2 13.8

127 13.7 10.5 15.7



#10

Hexachlorobutadiene

Concen: 0.297 ng

RT: 10.731 min Scan# 965

Delta R.T. -0.021 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

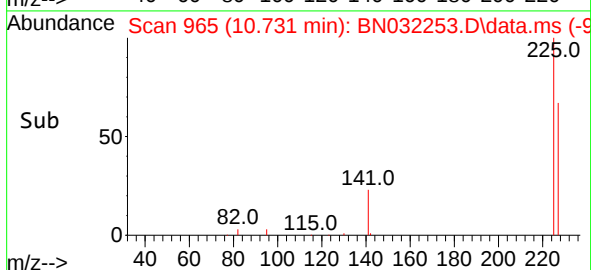
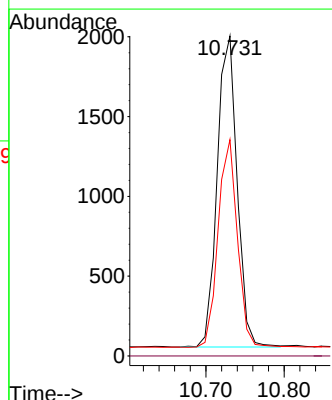
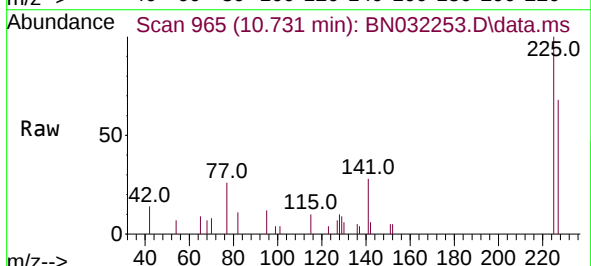
Tgt Ion:225 Resp: 3448

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.6 50.6 75.8

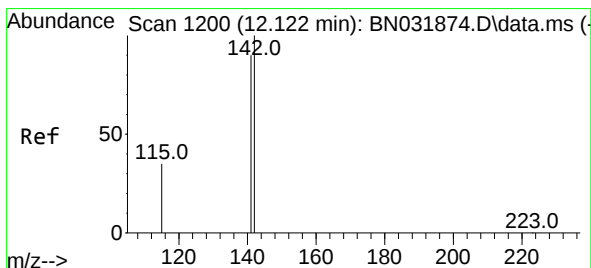
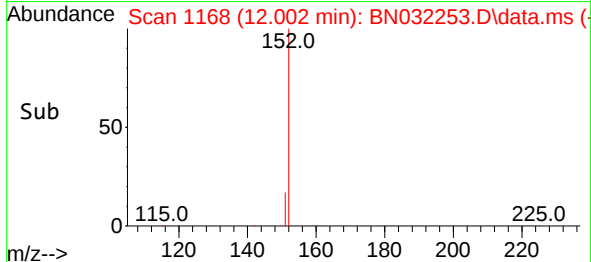
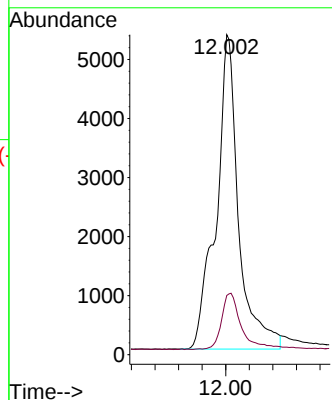
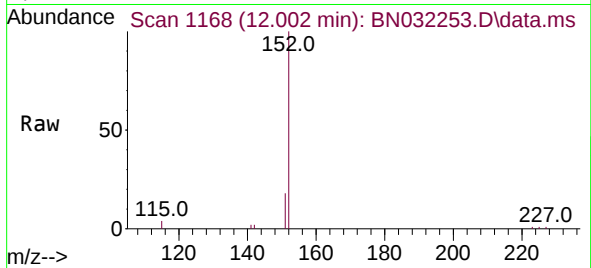




#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.002 min Scan# 1181
Delta R.T. -0.019 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

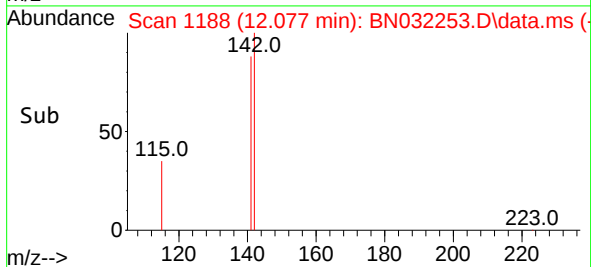
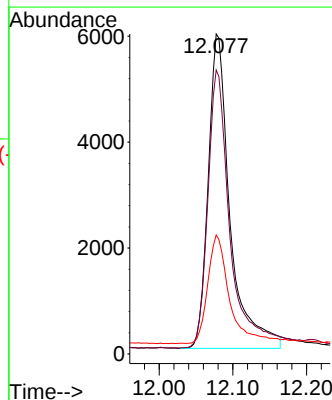
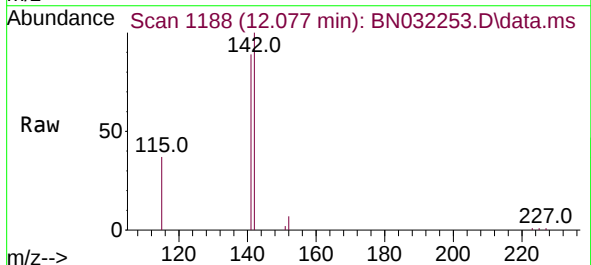
Instrument :
BNA_N
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Tgt Ion:152 Resp: 14072
Ion Ratio Lower Upper
152 100
151 15.7 16.3 24.5#



#12
2-Methylnaphthalene
Concen: 0.270 ng
RT: 12.077 min Scan# 1188
Delta R.T. -0.015 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

Tgt Ion:142 Resp: 12250
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2
115 37.2 28.6 43.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.274 min Scan# 1488

Delta R.T. -0.011 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124MS

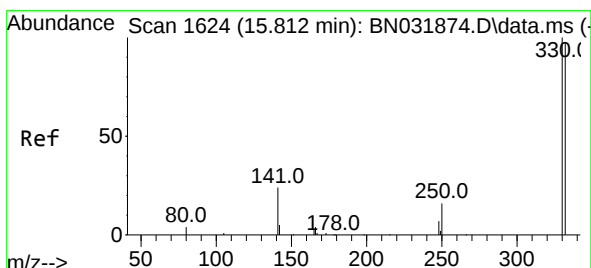
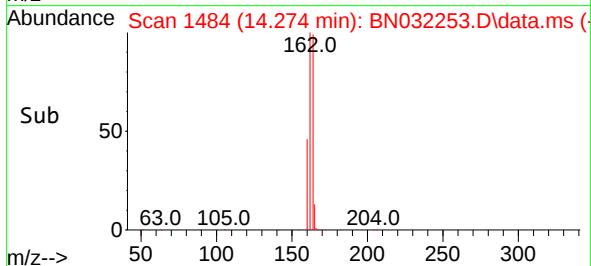
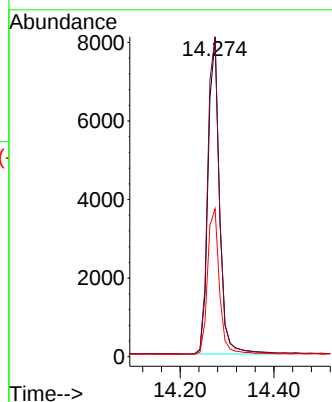
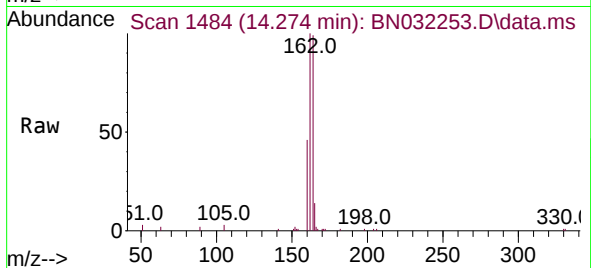
Tgt Ion:164 Resp: 13630

Ion Ratio Lower Upper

164 100

162 100.6 80.7 121.1

160 46.5 36.2 54.4



#14

2,4,6-Tribromophenol

Concen: 0.307 ng

RT: 15.775 min Scan# 1621

Delta R.T. -0.012 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

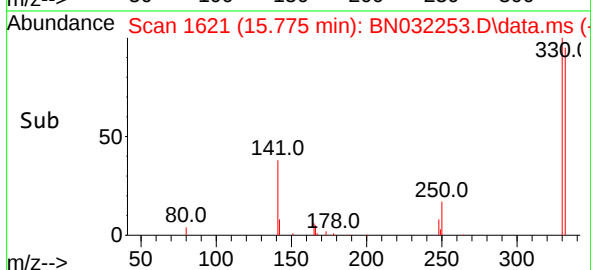
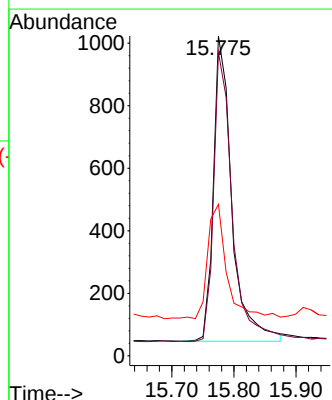
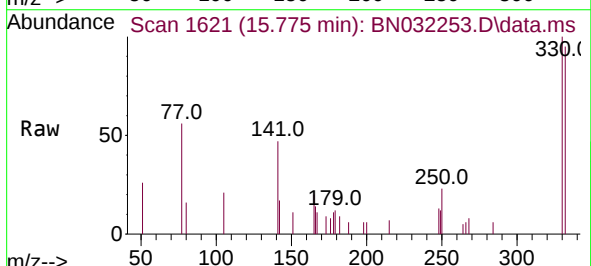
Tgt Ion:330 Resp: 2008

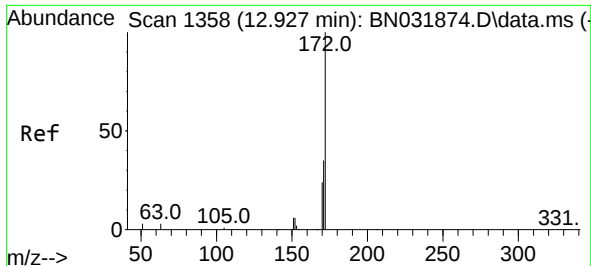
Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

141 38.1 34.7 52.1

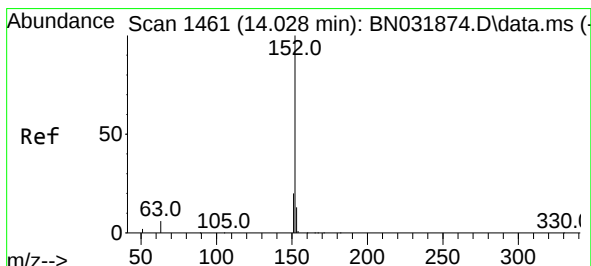
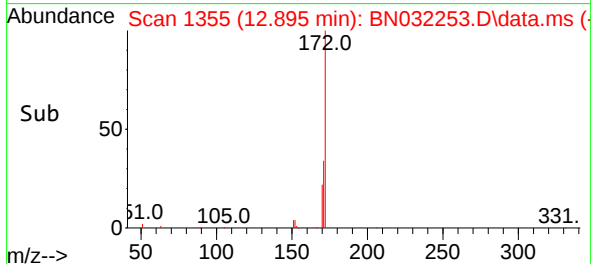
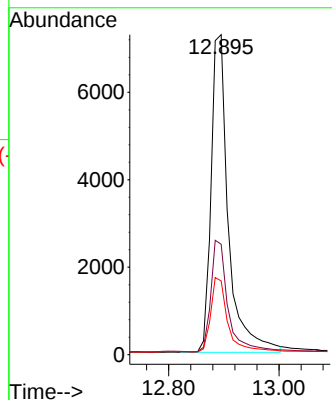
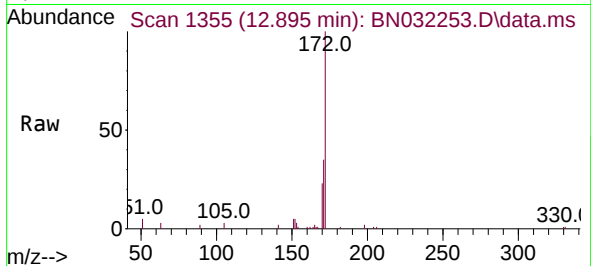




#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.895 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

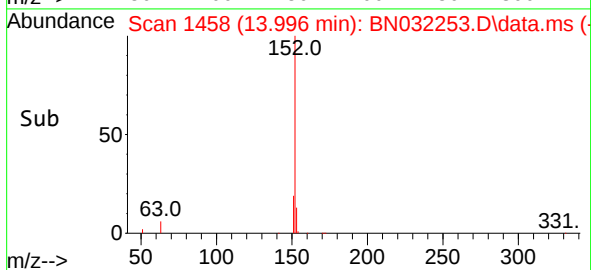
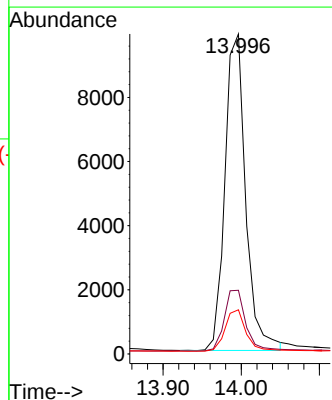
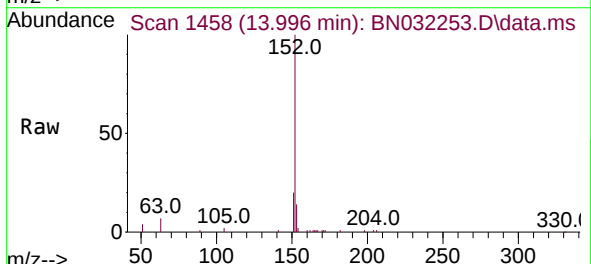
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124MS

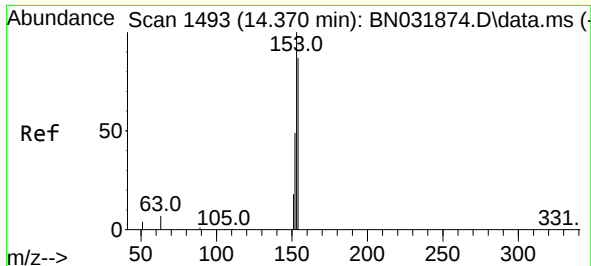
Tgt Ion:172	Resp:	15857
Ion Ratio	Lower	Upper
172	100	
171	34.5	28.6 42.8
170	23.0	19.2 28.8



#16
Acenaphthylene
Concen: 0.290 ng
RT: 13.996 min Scan# 1458
Delta R.T. -0.011 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

Tgt Ion:152	Resp:	18198
Ion Ratio	Lower	Upper
152	100	
151	19.8	15.7 23.5
153	13.2	10.5 15.7

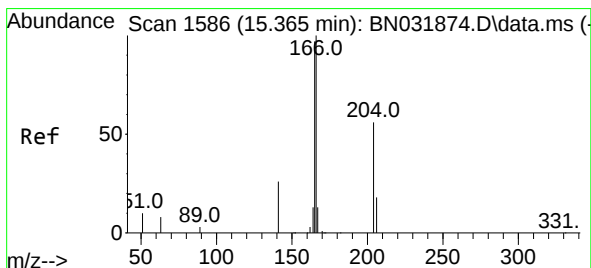
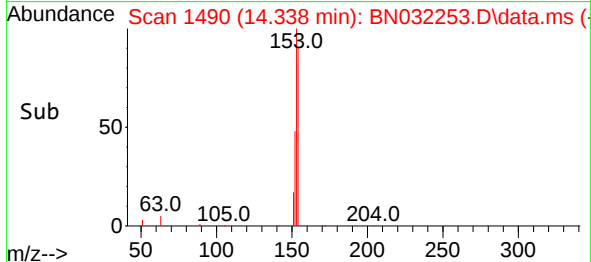
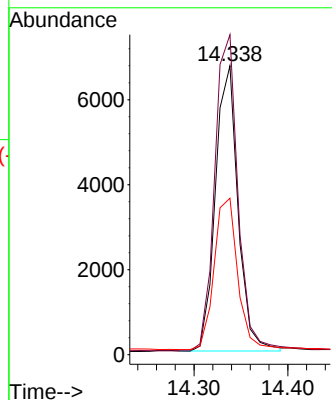
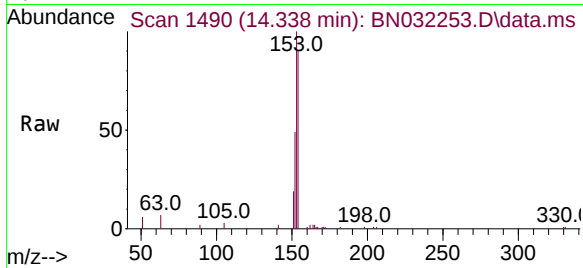




#17
Acenaphthene
Concen: 0.278 ng
RT: 14.338 min Scan# 1493
Delta R.T. -0.011 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

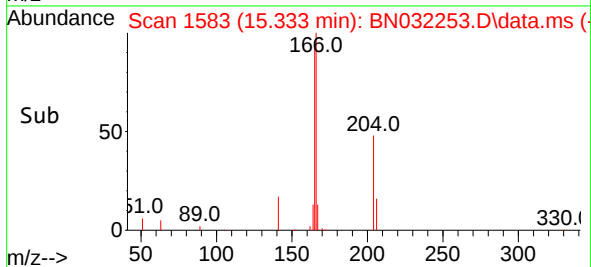
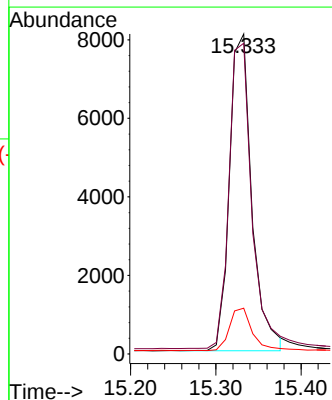
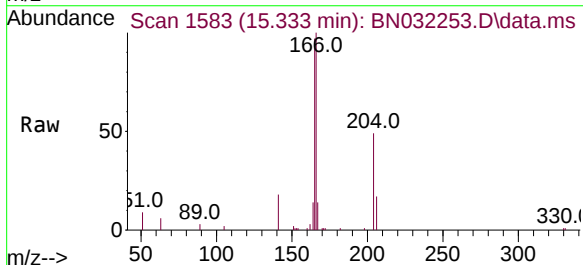
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124MS

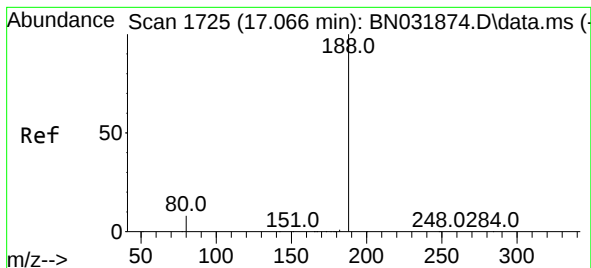
Tgt Ion:154 Resp: 11260
Ion Ratio Lower Upper
154 100
153 114.0 90.8 136.2
152 55.5 44.3 66.5



#18
Fluorene
Concen: 0.272 ng
RT: 15.333 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

Tgt Ion:166 Resp: 14716
Ion Ratio Lower Upper
166 100
165 97.7 78.3 117.5
167 13.4 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.029 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124MS

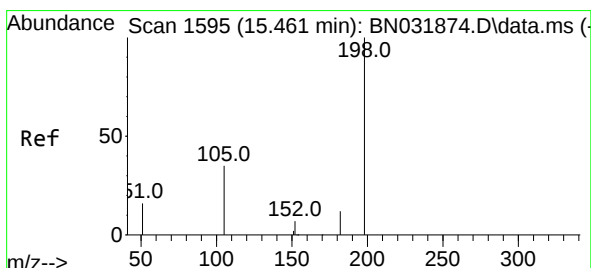
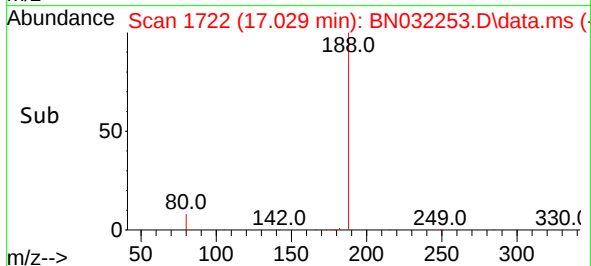
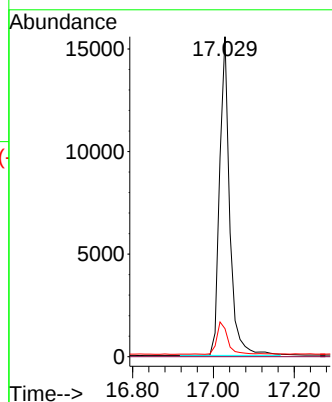
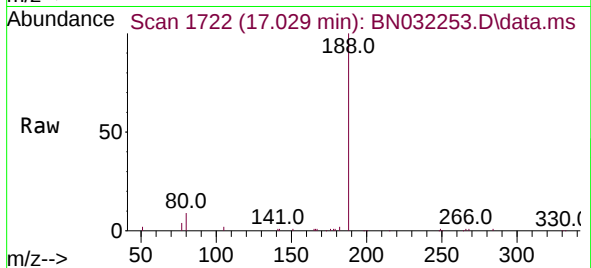
Tgt Ion:188 Resp: 26963

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 6.4 9.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.294 ng

RT: 15.450 min Scan# 1594

Delta R.T. 0.011 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

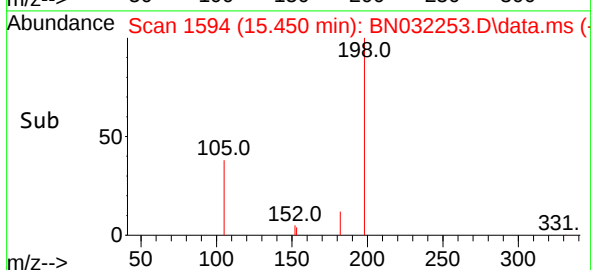
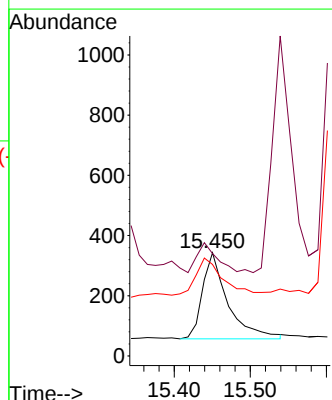
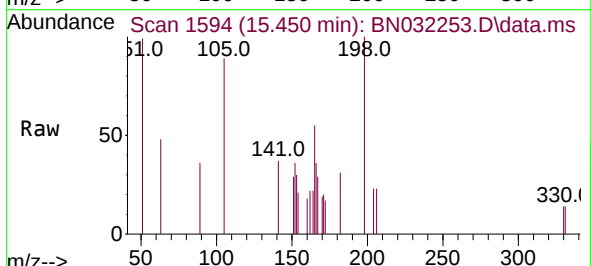
Tgt Ion:198 Resp: 678

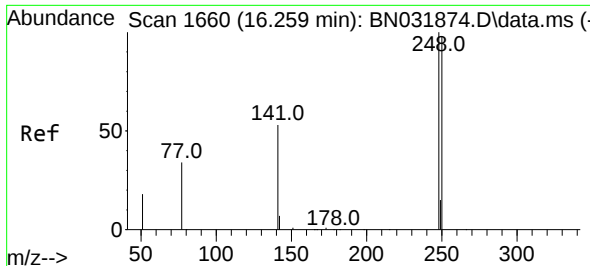
Ion Ratio Lower Upper

198 100

51 99.1 42.7 64.1#

105 88.6 41.8 62.8#

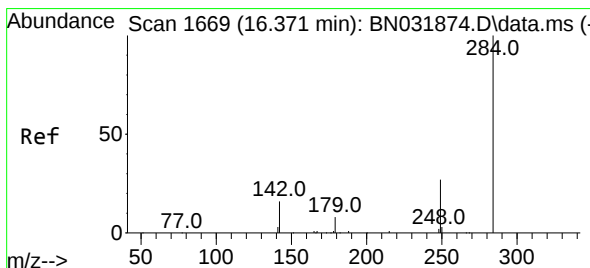
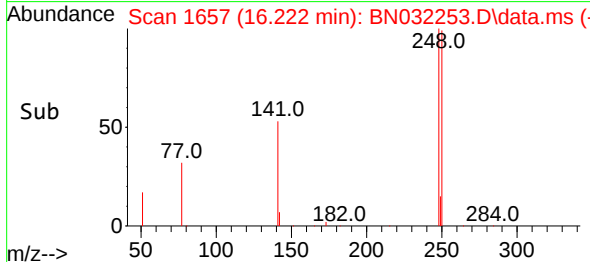
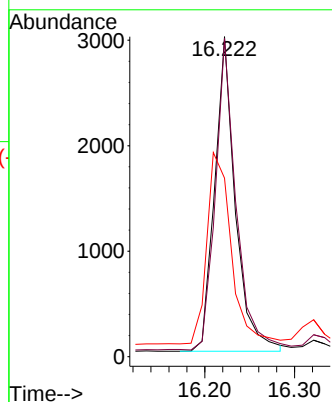
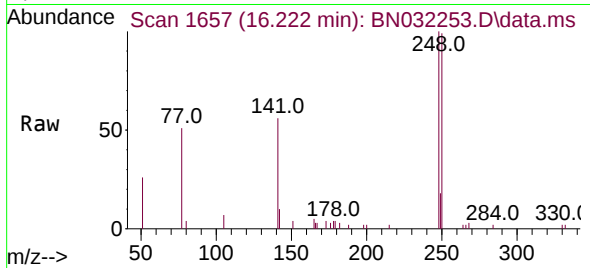




#21
4-Bromophenyl-phenylether
Concen: 0.312 ng
RT: 16.222 min Scan# 1660
Delta R.T. -0.012 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

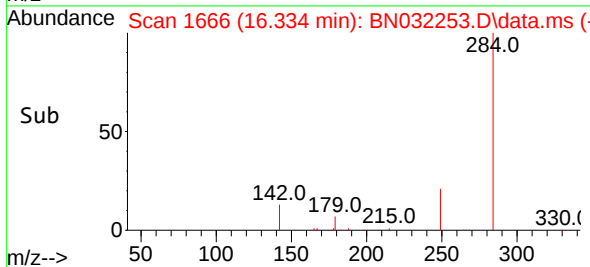
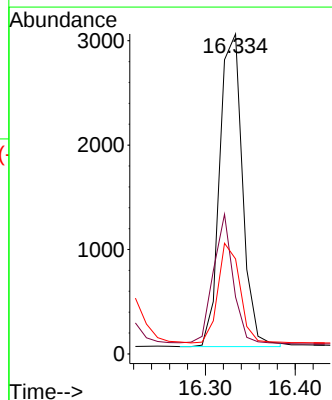
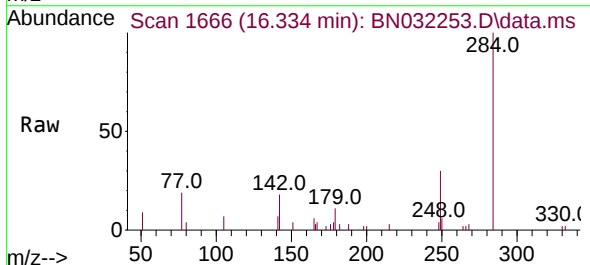
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124MS

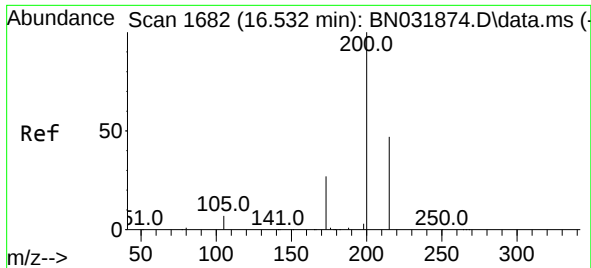
Tgt Ion:248 Resp: 4777
Ion Ratio Lower Upper
248 100
250 99.4 78.5 117.7
141 55.8 43.1 64.7



#22
Hexachlorobenzene
Concen: 0.334 ng
RT: 16.334 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

Tgt Ion:284 Resp: 5294
Ion Ratio Lower Upper
284 100
142 35.5 30.7 46.1
249 30.7 25.0 37.4

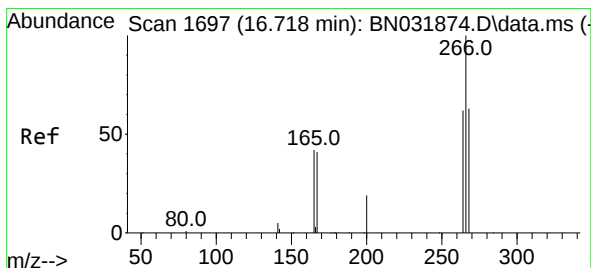
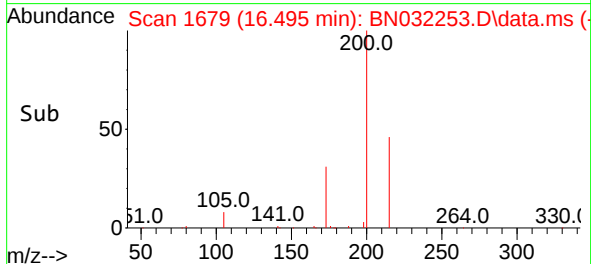
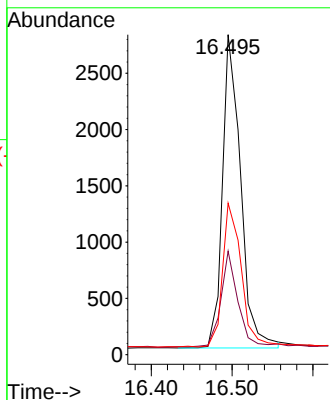
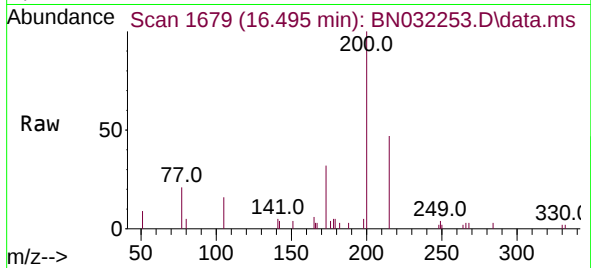




#23
 Atrazine
 Concen: 0.311 ng
 RT: 16.495 min Scan# 1679
 Delta R.T. -0.012 min
 Lab File: BN032253.D
 Acq: 25 Jun 2024 23:54

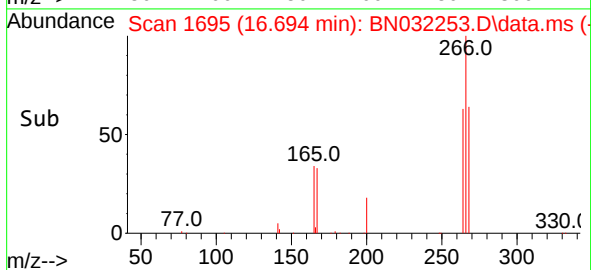
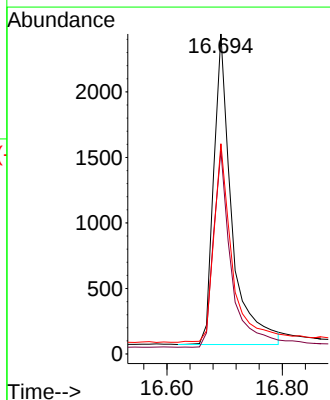
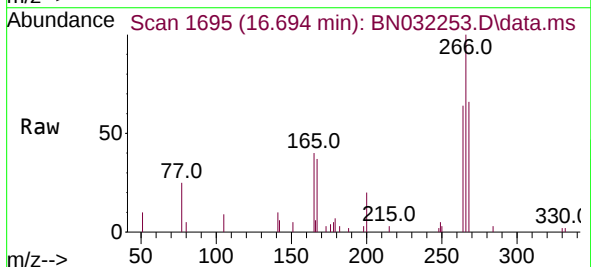
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-187-208-062124MS

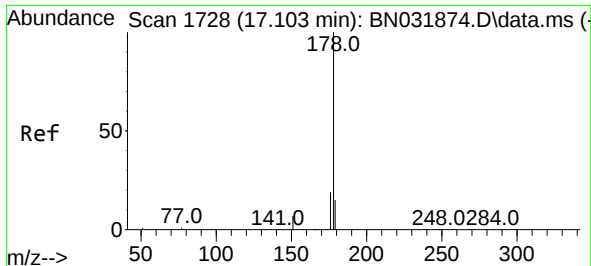
Tgt Ion:200 Resp: 4354
 Ion Ratio Lower Upper
 200 100
 173 32.4 22.0 33.0
 215 47.3 37.9 56.9



#24
 Pentachlorophenol
 Concen: 0.680 ng
 RT: 16.694 min Scan# 1695
 Delta R.T. 0.000 min
 Lab File: BN032253.D
 Acq: 25 Jun 2024 23:54

Tgt Ion:266 Resp: 5131
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.0 75.0
 268 64.5 51.0 76.6

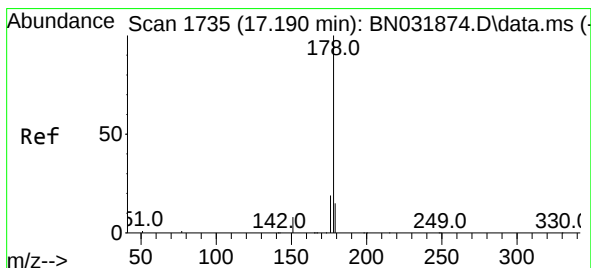
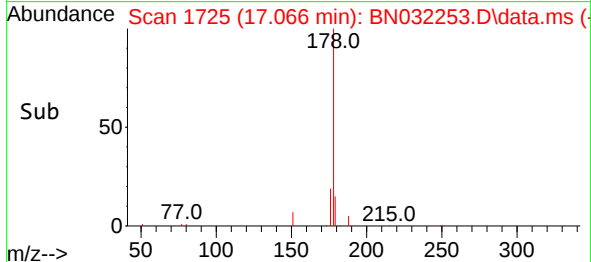
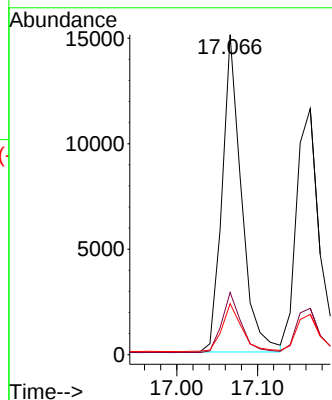
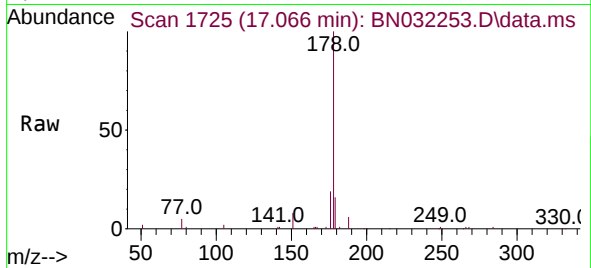




#25
Phenanthrene
Concen: 0.334 ng
RT: 17.066 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

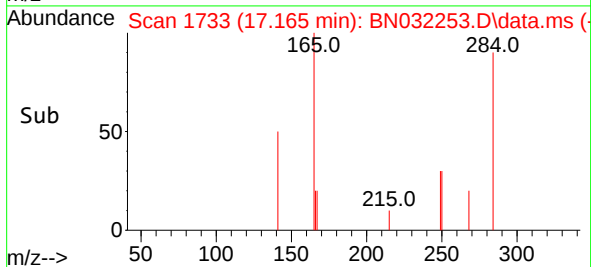
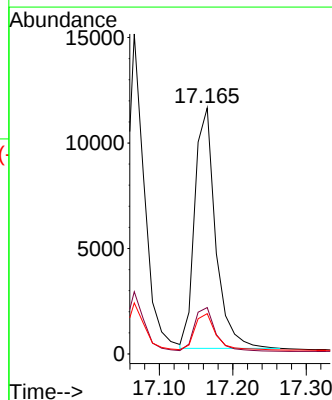
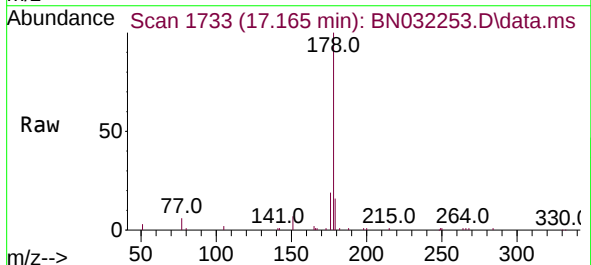
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124MS

Tgt Ion:178 Resp: 25006
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.6 12.2 18.2



#26
Anthracene
Concen: 0.324 ng
RT: 17.165 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

Tgt Ion:178 Resp: 22519
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.2 12.2 18.2

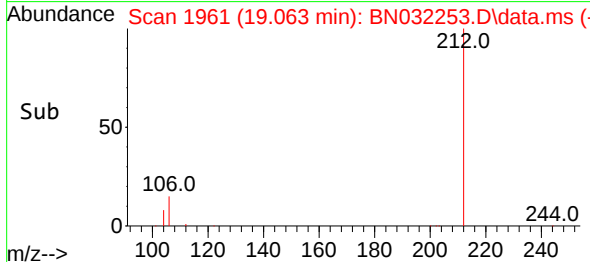
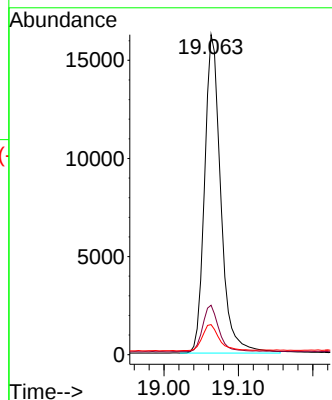
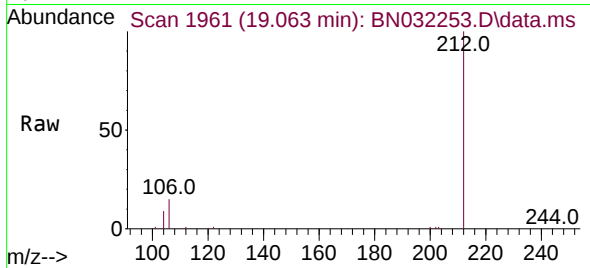




#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.063 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

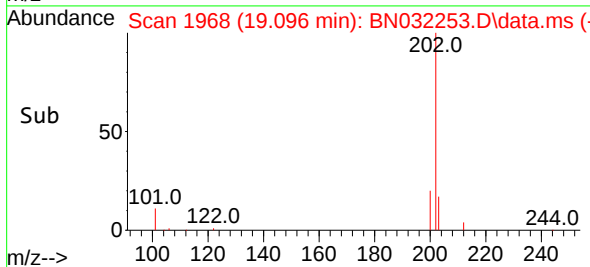
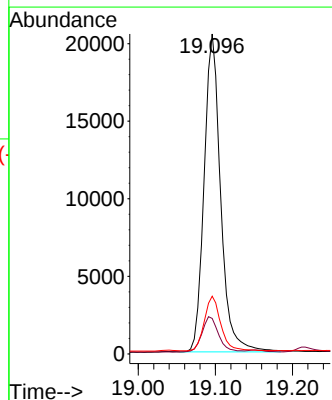
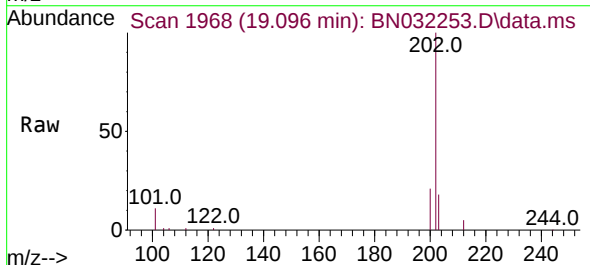
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124MS

Tgt Ion:212 Resp: 24598
Ion Ratio Lower Upper
212 100
106 14.5 11.8 17.8
104 8.6 6.6 10.0



#28
Fluoranthene
Concen: 0.337 ng
RT: 19.096 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BN032253.D
Acq: 25 Jun 2024 23:54

Tgt Ion:202 Resp: 30609
Ion Ratio Lower Upper
202 100
101 11.2 9.8 14.6
203 17.0 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124MS

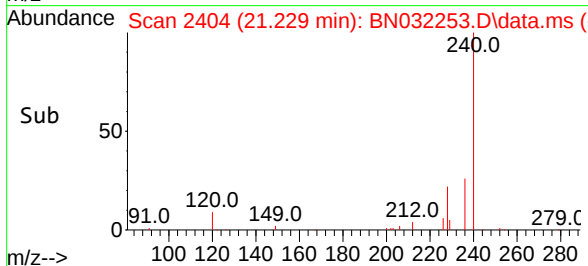
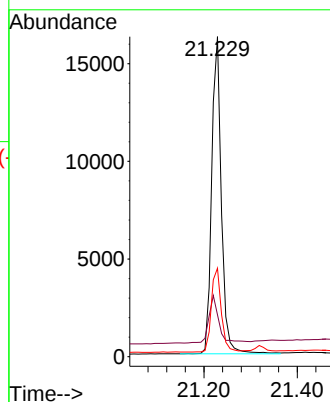
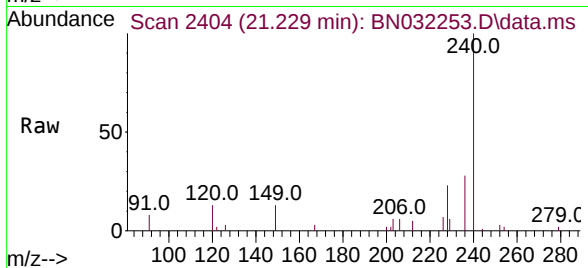
Tgt Ion:240 Resp: 23455

Ion Ratio Lower Upper

240 100

120 13.1 8.2 12.4#

236 27.6 21.8 32.8



#30

Pyrene

Concen: 0.344 ng

RT: 19.458 min Scan# 2046

Delta R.T. -0.009 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

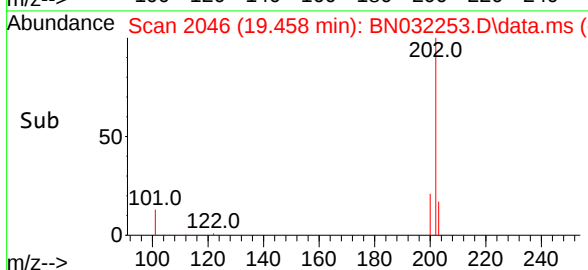
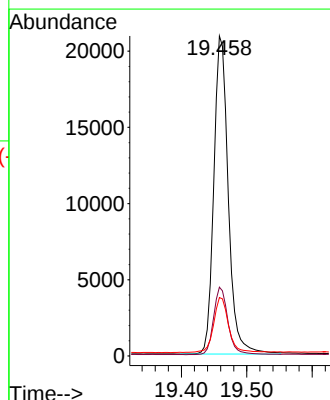
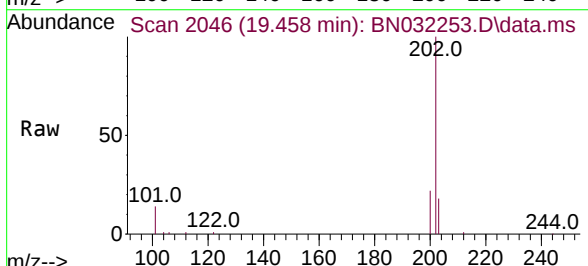
Tgt Ion:202 Resp: 32054

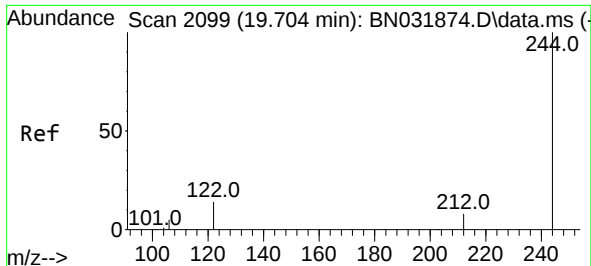
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 18.1 14.3 21.5

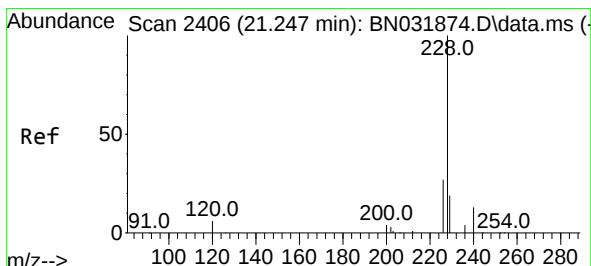
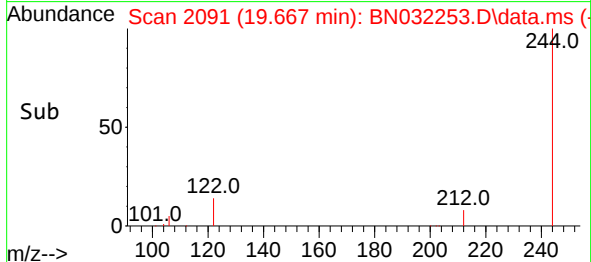
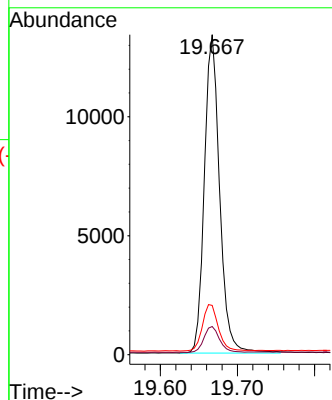
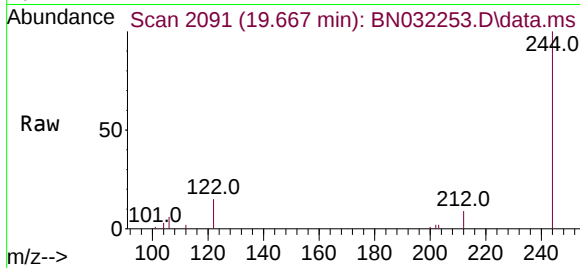




#31
 Terphenyl-d14
 Concen: 0.321 ng
 RT: 19.667 min Scan# 2099
 Delta R.T. -0.005 min
 Lab File: BN032253.D
 Acq: 25 Jun 2024 23:54

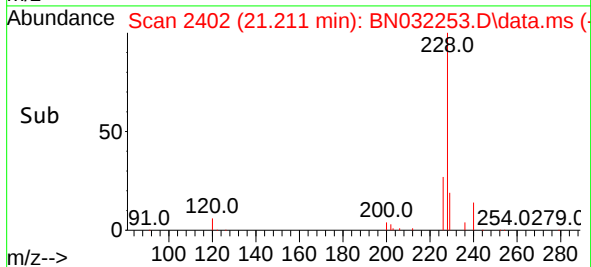
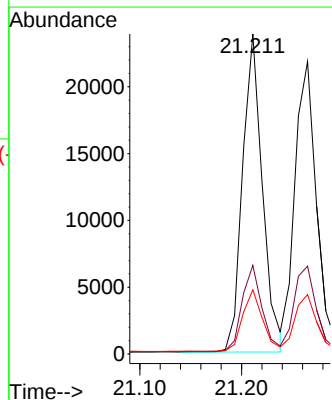
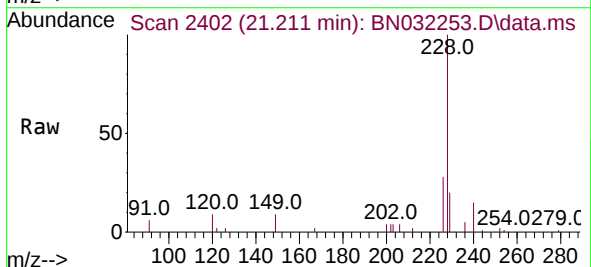
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-187-208-062124MS

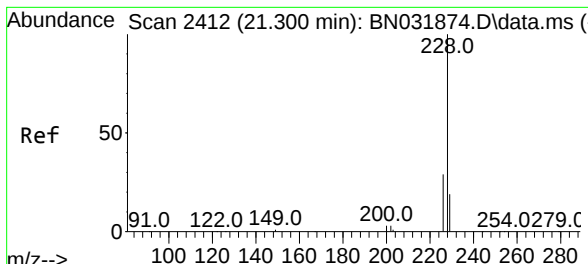
Tgt Ion:244 Resp: 18425
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.5 9.7
 122 15.4 11.4 17.0



#32
 Benzo(a)anthracene
 Concen: 0.365 ng
 RT: 21.211 min Scan# 2402
 Delta R.T. 0.000 min
 Lab File: BN032253.D
 Acq: 25 Jun 2024 23:54

Tgt Ion:228 Resp: 32265
 Ion Ratio Lower Upper
 228 100
 226 27.7 21.8 32.6
 229 20.1 15.8 23.8





#33

Chrysene

Concen: 0.377 ng

RT: 21.265 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124MS

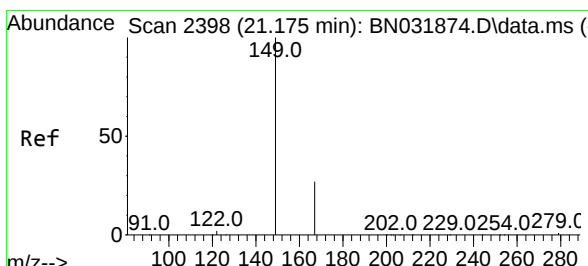
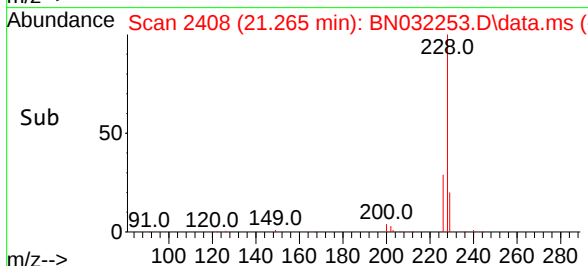
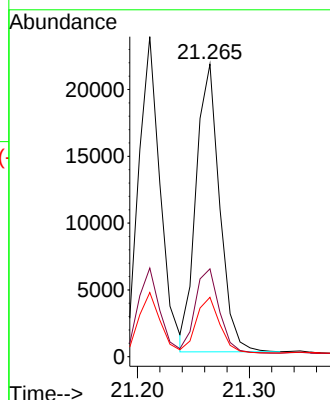
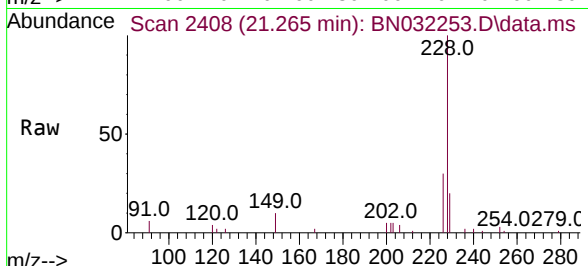
Tgt Ion:228 Resp: 31499

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

229 20.3 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.382 ng

RT: 21.130 min Scan# 2393

Delta R.T. -0.018 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

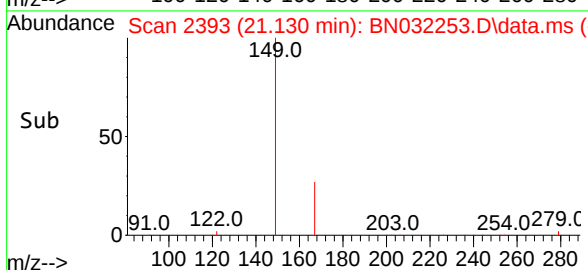
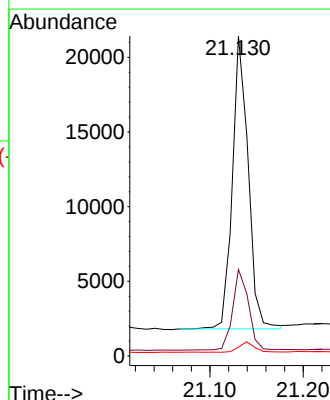
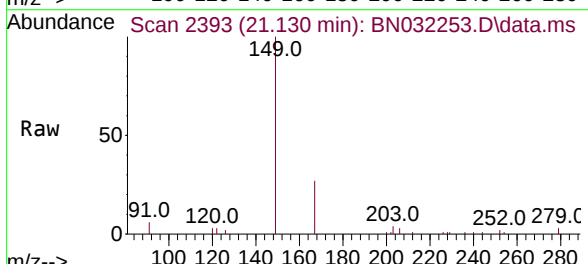
Tgt Ion:149 Resp: 23060

Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 3.6 2.9 4.3

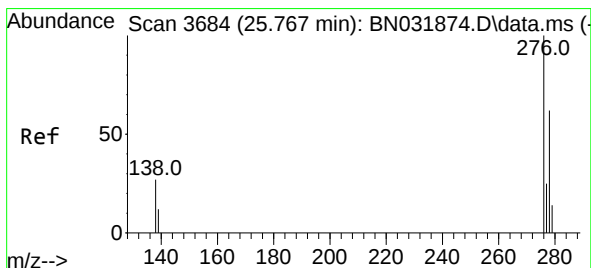
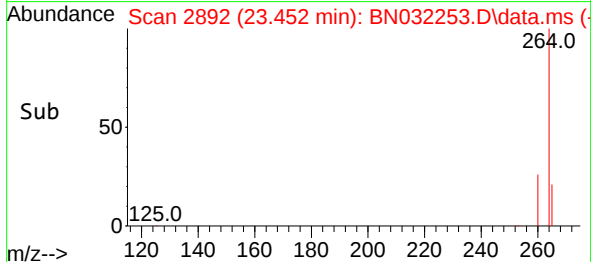
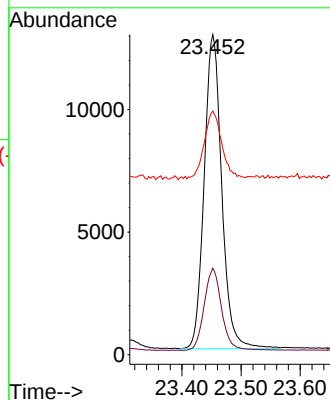
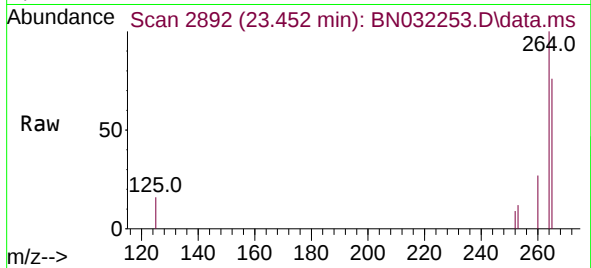




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.452 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN032253.D
 Acq: 25 Jun 2024 23:54

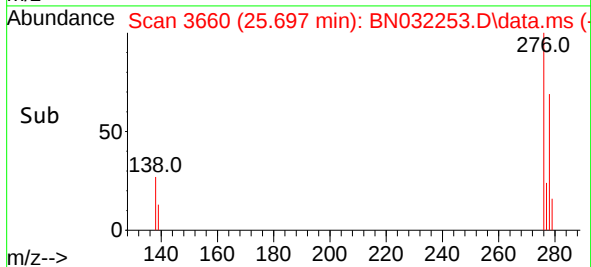
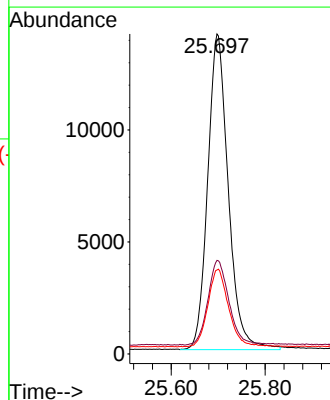
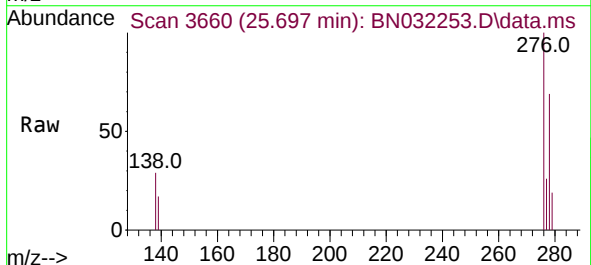
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-187-208-062124MS

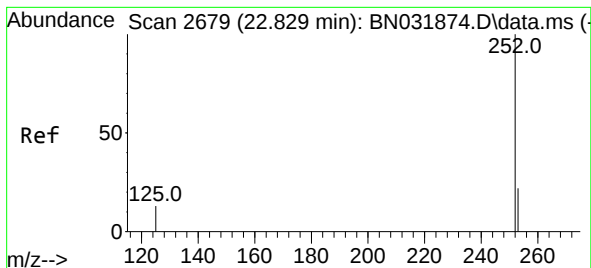
Tgt Ion:264 Resp: 26449
 Ion Ratio Lower Upper
 264 100
 260 27.0 20.5 30.7
 265 76.2 39.6 59.4#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.434 ng
 RT: 25.697 min Scan# 3660
 Delta R.T. 0.003 min
 Lab File: BN032253.D
 Acq: 25 Jun 2024 23:54

Tgt Ion:276 Resp: 42860
 Ion Ratio Lower Upper
 276 100
 138 27.3 21.5 32.3
 277 24.8 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.365 ng

RT: 22.782 min Scan# 2663

Delta R.T. -0.003 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124MS

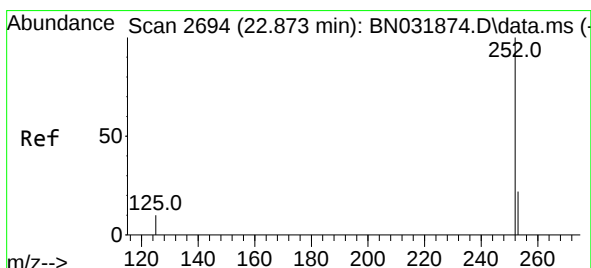
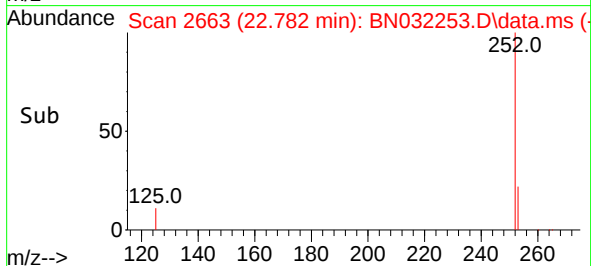
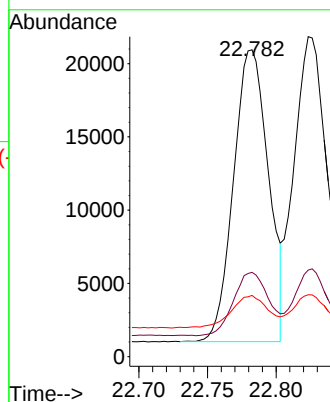
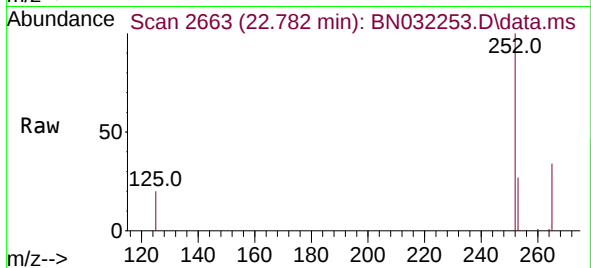
Tgt Ion:252 Resp: 35177

Ion Ratio Lower Upper

252 100

253 27.5 20.2 30.2

125 19.9 14.2 21.4



#38

Benzo(k)fluoranthene

Concen: 0.406 ng

RT: 22.823 min Scan# 2677

Delta R.T. -0.006 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

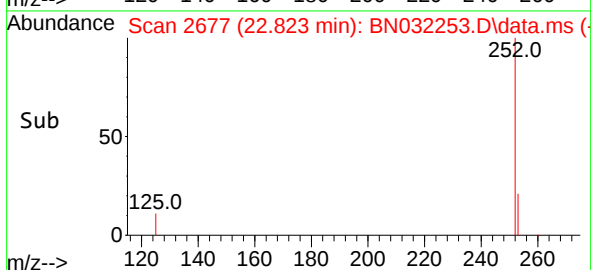
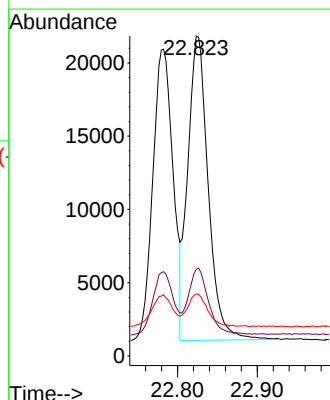
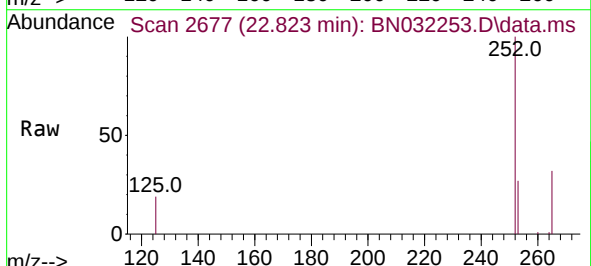
Tgt Ion:252 Resp: 36978

Ion Ratio Lower Upper

252 100

253 27.0 19.9 29.9

125 19.3 13.0 19.4





#39

Benzo(a)pyrene

Concen: 0.378 ng

RT: 23.356 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN032253.D

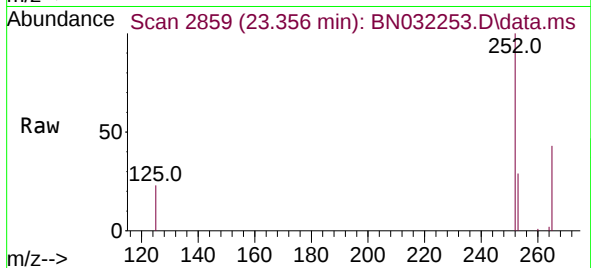
Acq: 25 Jun 2024 23:54

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124MS



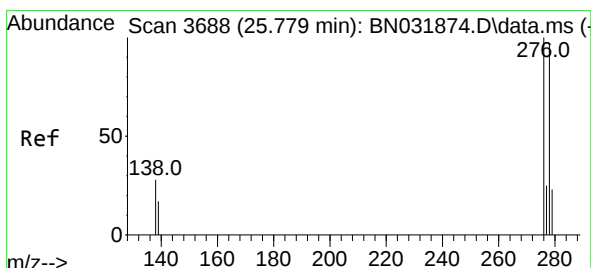
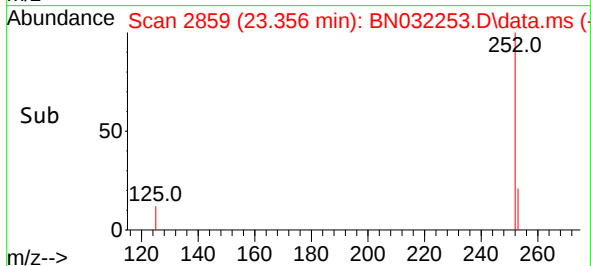
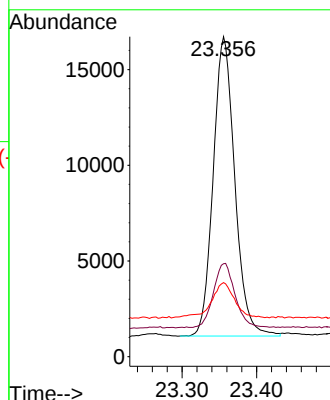
Tgt Ion:252 Resp: 31446

Ion Ratio Lower Upper

252 100

253 29.1 20.5 30.7

125 23.2 16.4 24.6



#40

Dibenzo(a,h)anthracene

Concen: 0.431 ng

RT: 25.706 min Scan# 3663

Delta R.T. 0.000 min

Lab File: BN032253.D

Acq: 25 Jun 2024 23:54

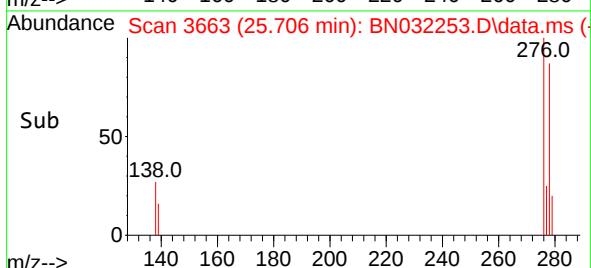
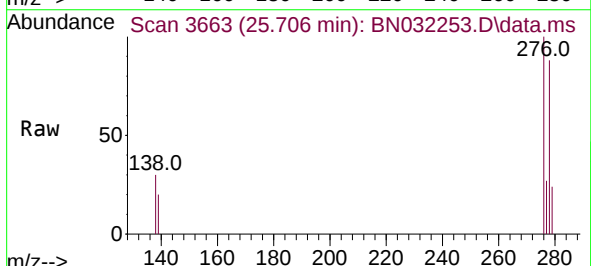
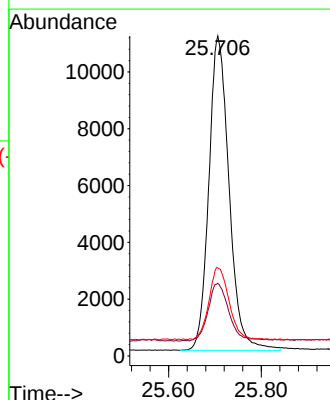
Tgt Ion:278 Resp: 33540

Ion Ratio Lower Upper

278 100

139 22.7 17.0 25.4

279 27.5 21.4 32.0





#41

Benzo(g,h,i)perylene

Concen: 0.396 ng

RT: 26.390 min Scan# 31

Delta R.T. 0.012 min

Lab File: BN032253.D

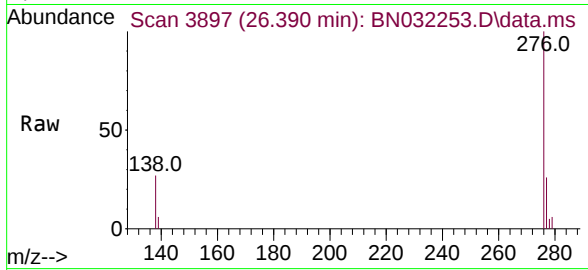
Acq: 25 Jun 2024 23:54

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124MS



Tgt Ion:276 Resp: 33079

Ion Ratio Lower Upper

276 100

277 25.9 20.2 30.2

138 27.0 20.6 31.0

