

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061124\
 Data File : BN031907.D
 Acq On : 11 Jun 2024 11:57
 Operator : MA/JU
 Sample : P2772-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-98-100RE

Quant Time: Jun 11 12:54:20 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 Jun 10 15:47:32 2024
 Response via : Initial Calibration

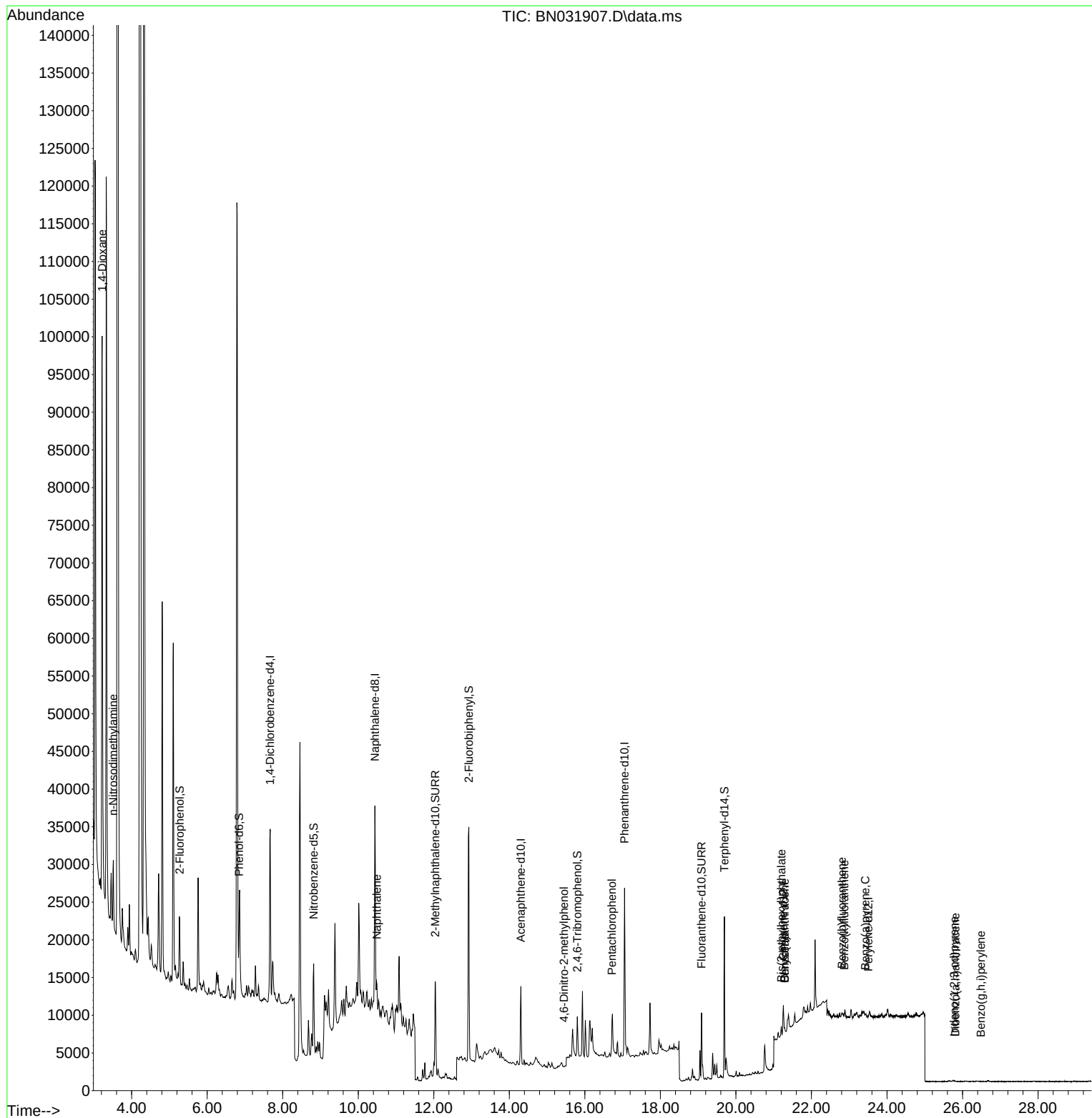
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.668	152	11727	0.400	ng	0.00
7) Naphthalene-d8	10.442	136	36745	0.400	ng	#-0.01
13) Acenaphthene-d10	14.306	164	5660	0.400	ng	#-0.01
19) Phenanthrene-d10	17.053	188	28285	0.400	ng	#-0.01
29) Chrysene-d12	21.256	240	2494	0.400	ng	# 0.00
35) Perylene-d12	23.507	264	9	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.270	112	7717	0.231	ng	0.00
5) Phenol-d6	6.844	99	3154	0.072	ng	0.00
8) Nitrobenzene-d5	8.820	82	10297	0.337	ng	0.00
11) 2-Methylnaphthalene-d10	12.039	152	14421	0.246	ng	-0.01
14) 2,4,6-Tribromophenol	15.800	330	2959	1.091	ng	-0.01
15) 2-Fluorobiphenyl	12.927	172	30348	1.413	ng	0.00
27) Fluoranthene-d10	19.091	212	10052	0.131	ng	0.00
31) Terphenyl-d14	19.695	244	20057	3.290	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.219	88	59221	4.124	ng	98
3) n-Nitrosodimethylamine	3.515	42	891	0.065	ng	# 1
9) Naphthalene	10.496	128	4609	0.047	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.450	198	8	0.176	ng	# 1
24) Pentachlorophenol	16.718	266	1002	0.265	ng	# 1
32) Benzo(a)anthracene	21.292	228	763	0.081	ng	# 46
33) Chrysene	21.292	228	701	0.079	ng	# 50
34) Bis(2-ethylhexyl)phtha...	21.202	149	946	0.148	ng	# 51
36) Indeno(1,2,3-cd)pyrene	25.782	276	11	0.328	ng	# 25
37) Benzo(b)fluoranthene	22.812	252	304	9.268	ng	# 1
38) Benzo(k)fluoranthene	22.873	252	22	0.709	ng	# 1
39) Benzo(a)pyrene	23.429	252	9	0.318	ng	# 1
40) Dibenzo(a,h)anthracene	25.808	278	5	0.189	ng	# 1
41) Benzo(g,h,i)perylene	26.484	276	6	0.211	ng	# 1

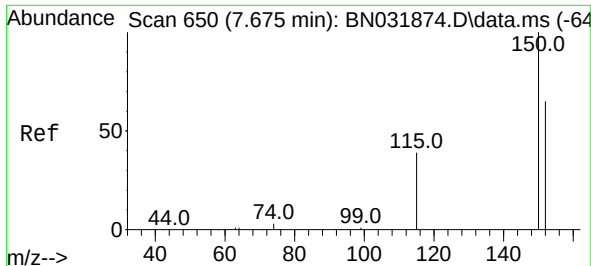
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061124\
Data File : BN031907.D
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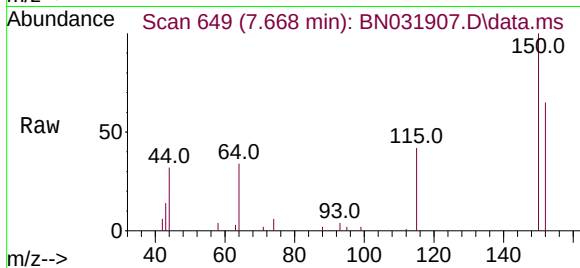
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 15:47:32 2024
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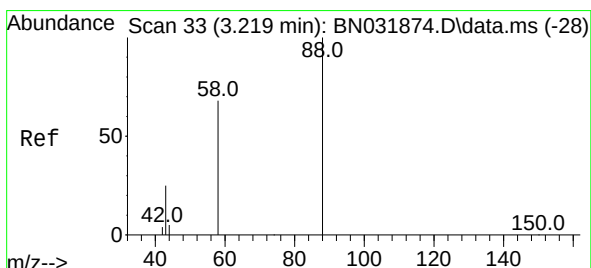
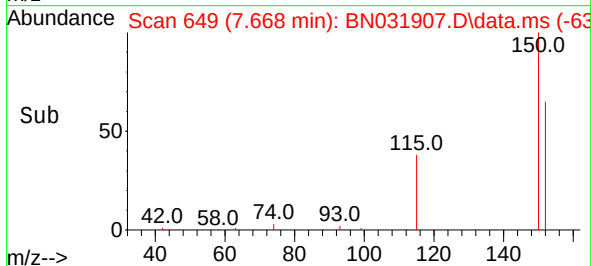
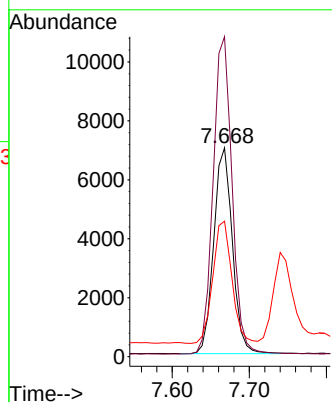
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.668 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN031907.D
 Acq: 11 Jun 2024 11:57

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-98-100RE



Tgt Ion:152 Resp: 11727

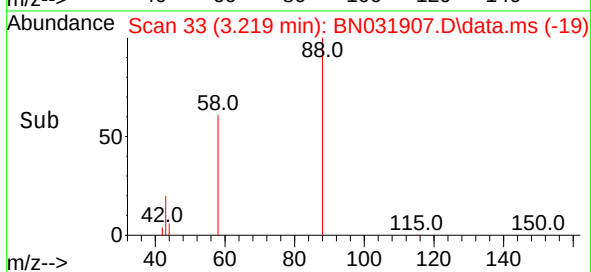
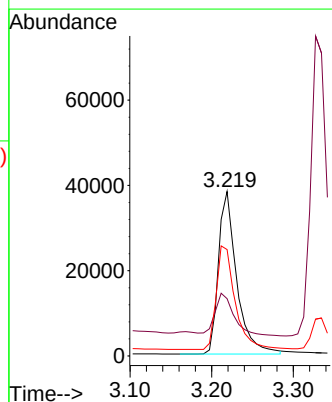
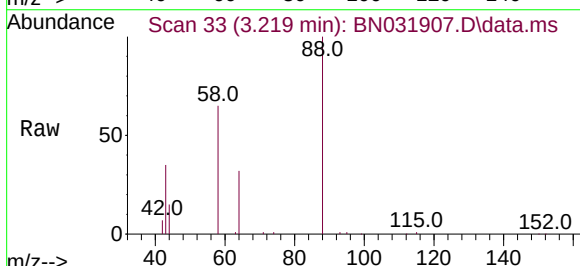
Ion	Ratio	Lower	Upper
152	100		
150	153.3	121.0	181.4
115	64.9	49.4	74.0

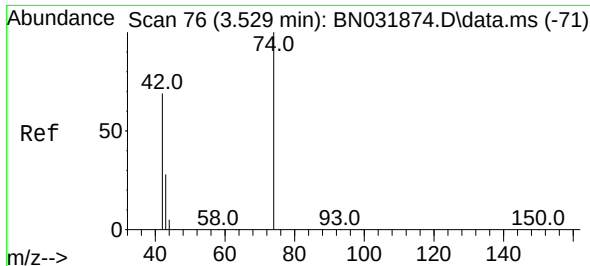


#2
 1,4-Dioxane
 Concen: 4.124 ng
 RT: 3.219 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: BN031907.D
 Acq: 11 Jun 2024 11:57

Tgt Ion: 88 Resp: 59221

Ion	Ratio	Lower	Upper
88	100		
43	27.5	22.7	34.1
58	65.6	51.3	76.9

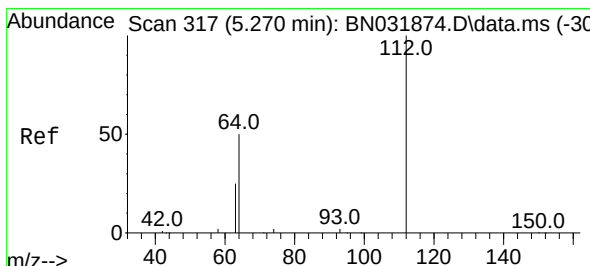
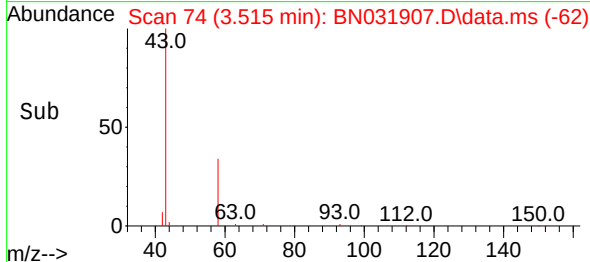
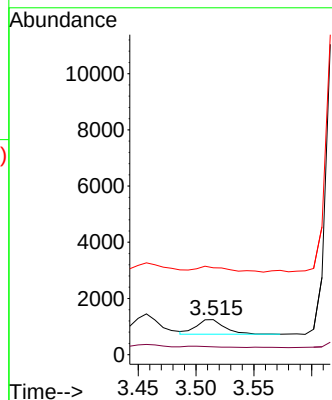
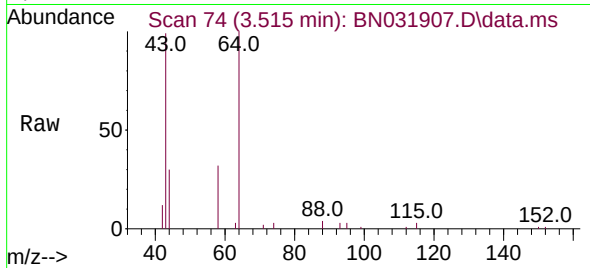




#3
n-Nitrosodimethylamine
Concen: 0.065 ng
RT: 3.515 min Scan# 74
Delta R.T. -0.014 min
Lab File: BN031907.D
Acq: 11 Jun 2024 11:57

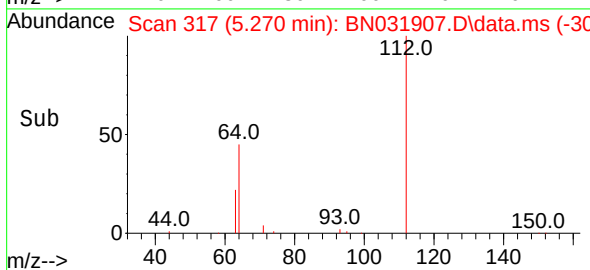
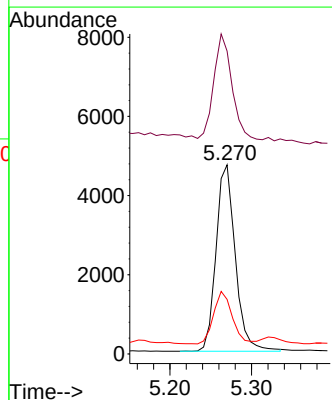
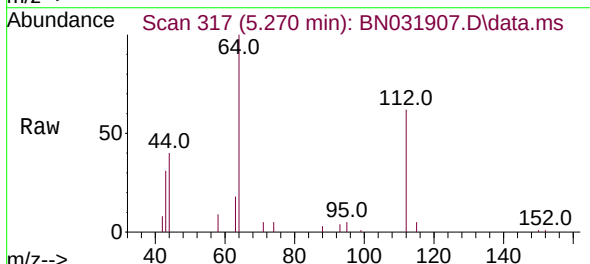
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-98-100RE

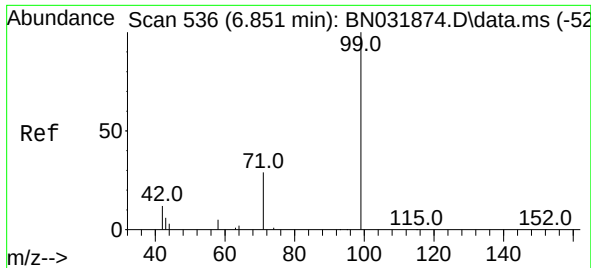
Tgt Ion: 42 Resp: 891
Ion Ratio Lower Upper
42 100
74 7.9 125.2 187.8#
44 0.0 6.9 10.3#



#4
2-Fluorophenol
Concen: 0.231 ng
RT: 5.270 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN031907.D
Acq: 11 Jun 2024 11:57

Tgt Ion: 112 Resp: 7717
Ion Ratio Lower Upper
112 100
64 53.4 42.4 63.6
63 27.2 22.1 33.1

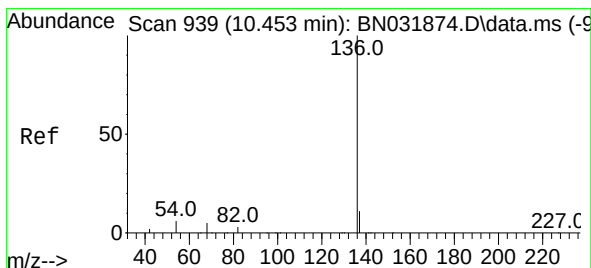
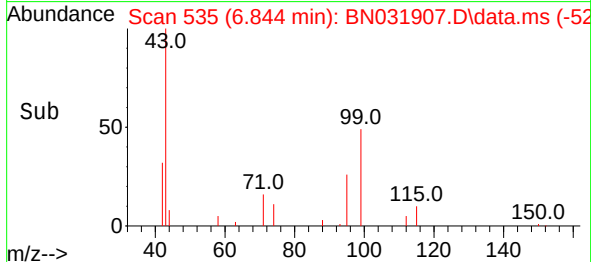
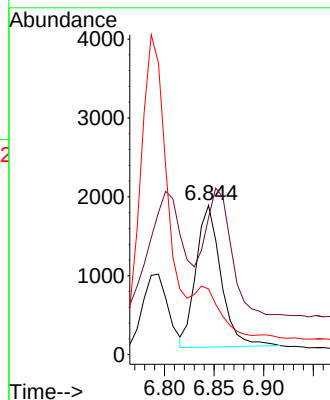
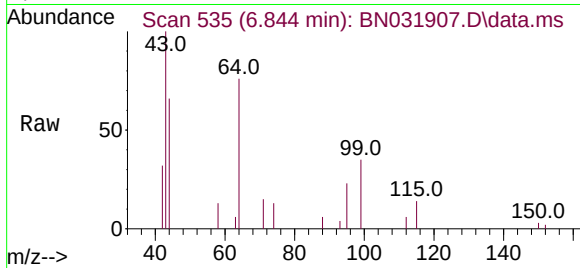




#5
Phenol-d6
Concen: 0.072 ng
RT: 6.844 min Scan# 535
Delta R.T. -0.007 min
Lab File: BN031907.D
Acq: 11 Jun 2024 11:57

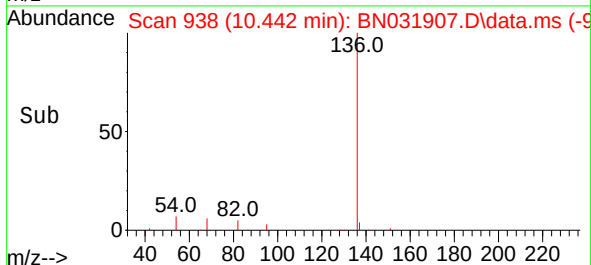
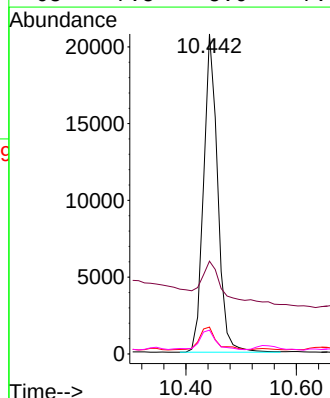
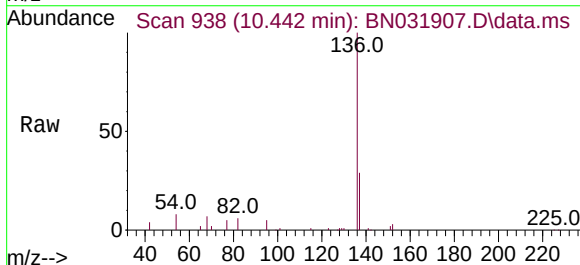
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-98-100RE

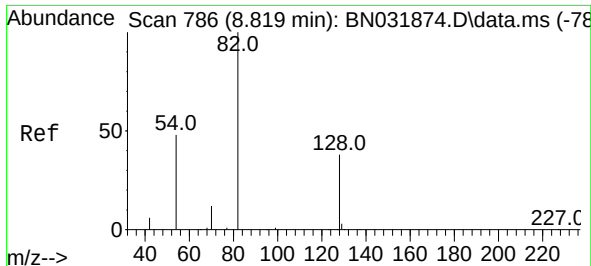
Tgt Ion: 99 Resp: 3154
Ion Ratio Lower Upper
99 100
42 92.6 12.8 19.2#
71 0.0 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.442 min Scan# 938
Delta R.T. -0.011 min
Lab File: BN031907.D
Acq: 11 Jun 2024 11:57

Tgt Ion: 136 Resp: 36745
Ion Ratio Lower Upper
136 100
137 29.0 8.9 13.3#
54 8.4 5.6 8.4
68 7.5 5.0 7.4#

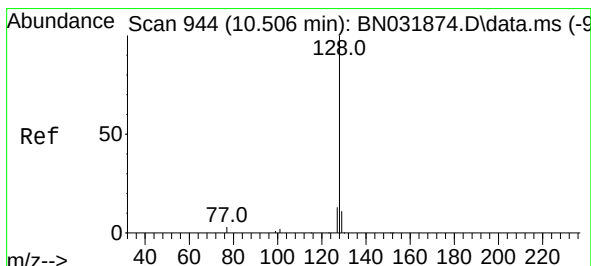
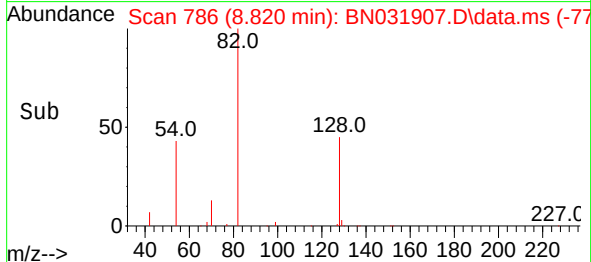
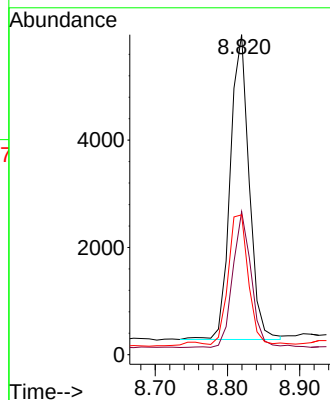
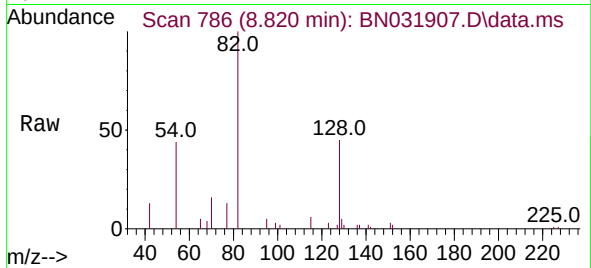




#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.820 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN031907.D
Acq: 11 Jun 2024 11:57

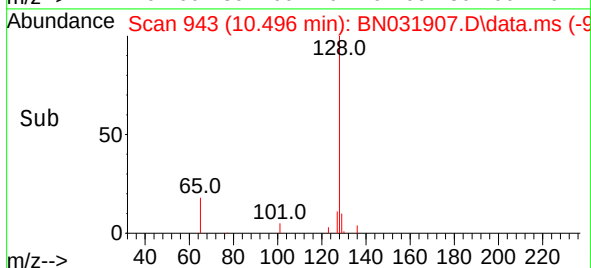
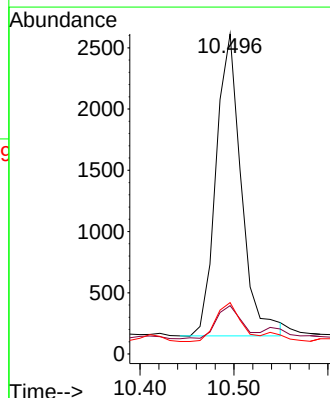
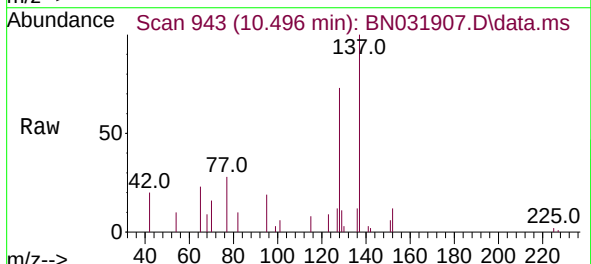
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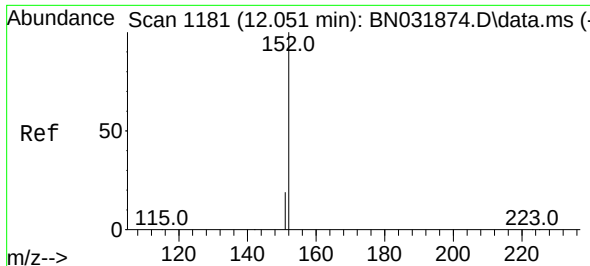
Tgt Ion: 82 Resp: 10297
Ion Ratio Lower Upper
82 100
128 44.7 32.1 48.1
54 43.7 39.7 59.5



#9
Naphthalene
Concen: 0.047 ng
RT: 10.496 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN031907.D
Acq: 11 Jun 2024 11:57

Tgt Ion: 128 Resp: 4609
Ion Ratio Lower Upper
128 100
129 15.1 9.2 13.8#
127 16.1 10.5 15.7#





#11

2-Methylnaphthalene-d10

Concen: 0.246 ng

RT: 12.039 min Scan# 1181

Delta R.T. -0.011 min

Lab File: BN031907.D

Acq: 11 Jun 2024 11:57

Instrument :

BNA_N

ClientSampleId :

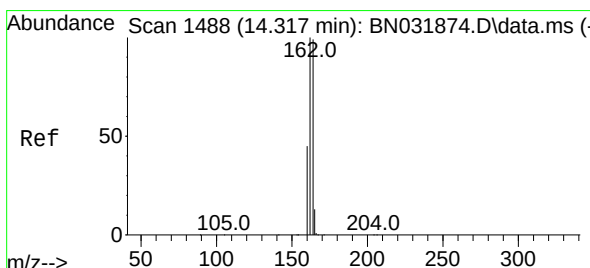
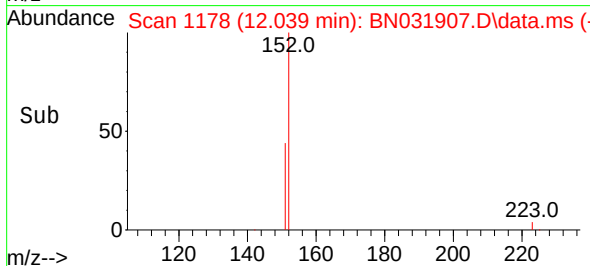
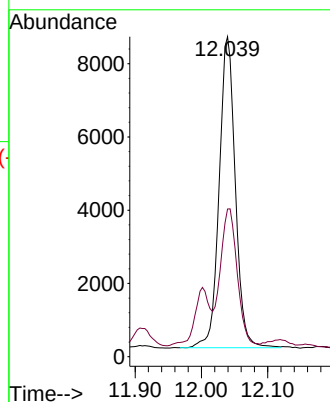
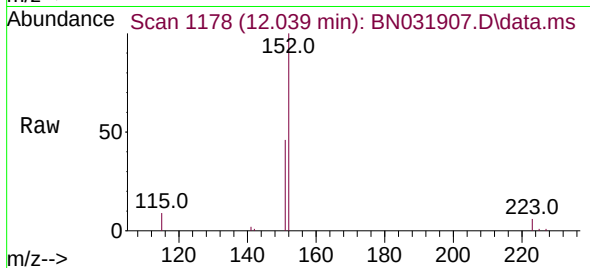
BP-VPB-189-GW-98-100RE

Tgt Ion:152 Resp: 14421

Ion Ratio Lower Upper

152 100

151 44.7 16.3 24.5#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.306 min Scan# 1487

Delta R.T. -0.011 min

Lab File: BN031907.D

Acq: 11 Jun 2024 11:57

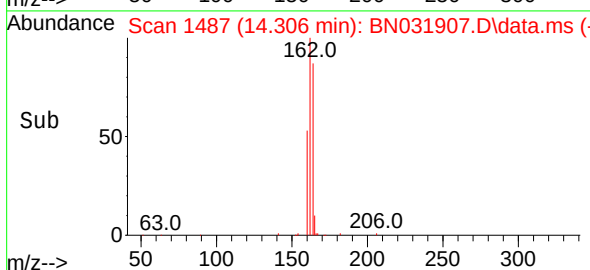
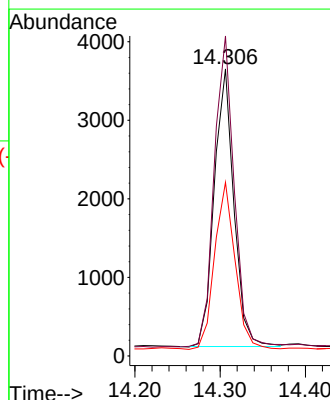
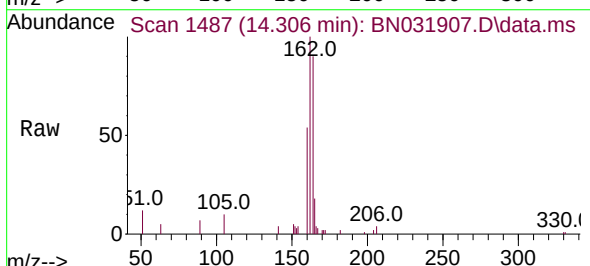
Tgt Ion:164 Resp: 5660

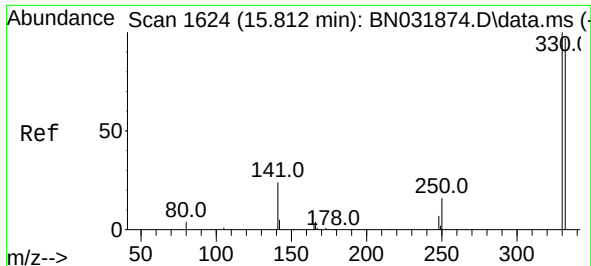
Ion Ratio Lower Upper

164 100

162 111.5 80.7 121.1

160 60.5 36.2 54.4#

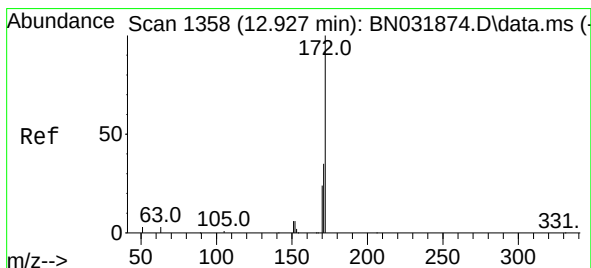
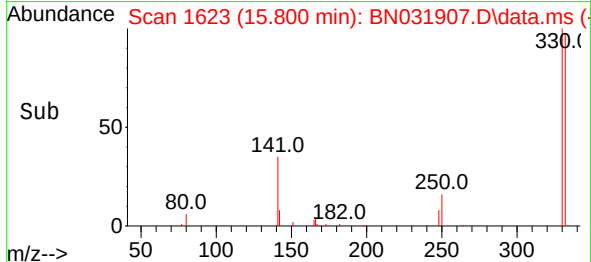
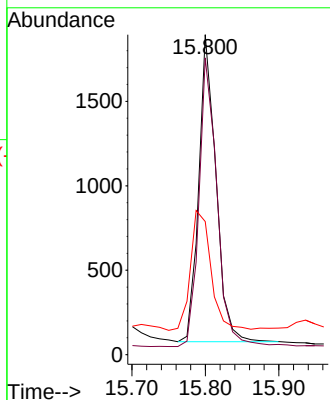
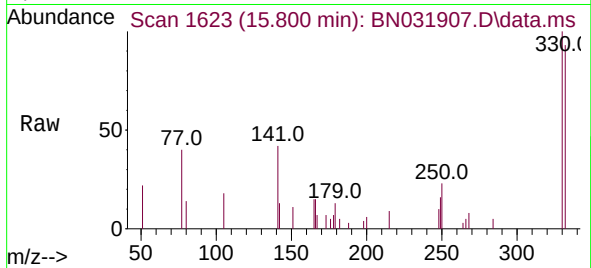




#14
2,4,6-Tribromophenol
Concen: 1.091 ng
RT: 15.800 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN031907.D
Acq: 11 Jun 2024 11:57

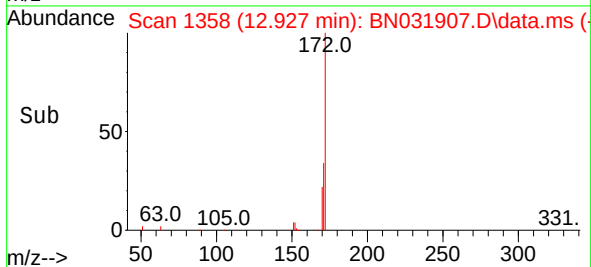
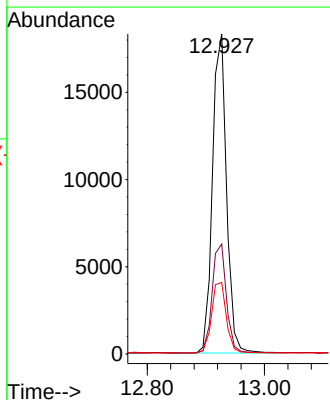
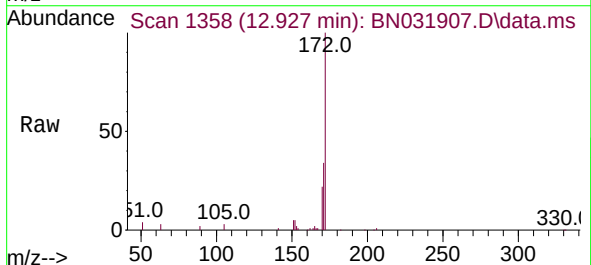
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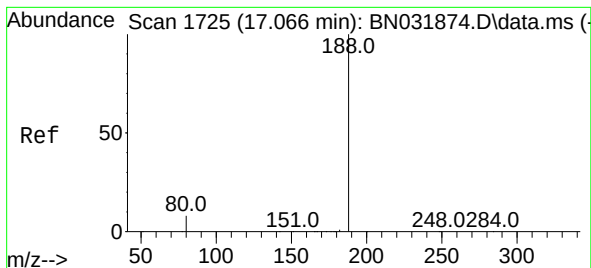
Tgt Ion:330 Resp: 2959
Ion Ratio Lower Upper
330 100
332 98.3 77.5 116.3
141 46.4 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 1.413 ng
RT: 12.927 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BN031907.D
Acq: 11 Jun 2024 11:57

Tgt Ion:172 Resp: 30348
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 22.4 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.053 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN031907.D

Acq: 11 Jun 2024 11:57

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-98-100RE

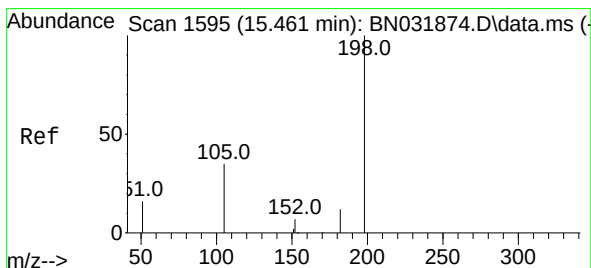
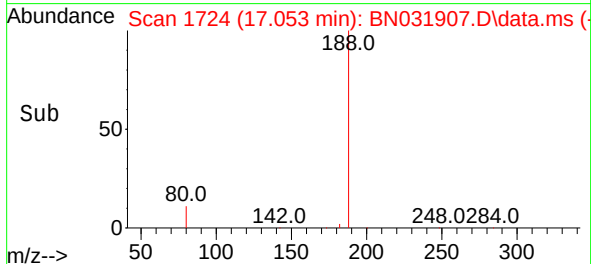
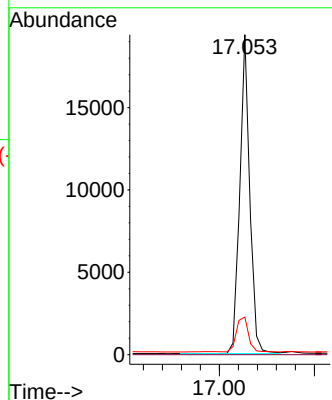
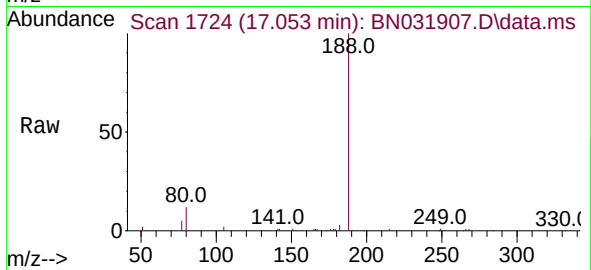
Tgt Ion:188 Resp: 28285

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.176 ng

RT: 15.450 min Scan# 1594

Delta R.T. -0.011 min

Lab File: BN031907.D

Acq: 11 Jun 2024 11:57

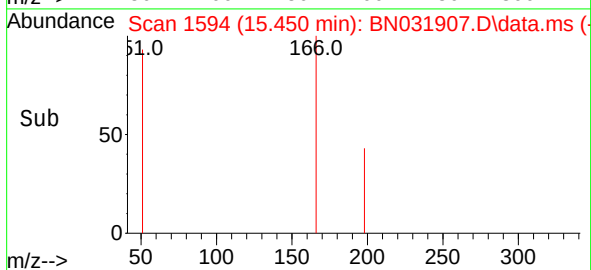
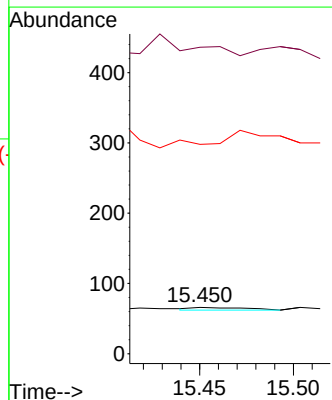
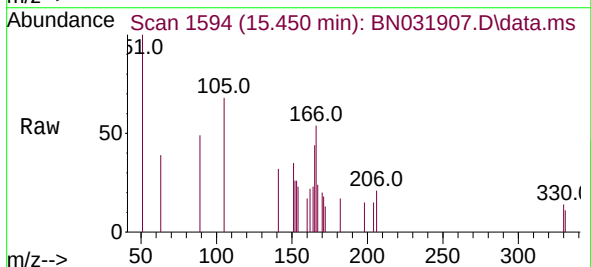
Tgt Ion:198 Resp: 8

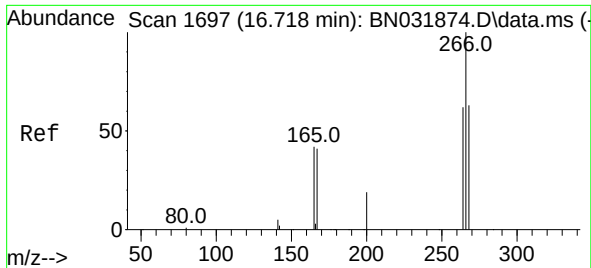
Ion Ratio Lower Upper

198 100

51 660.6 42.7 64.1#

105 451.5 41.8 62.8#

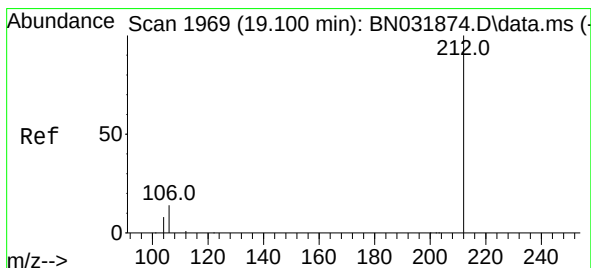
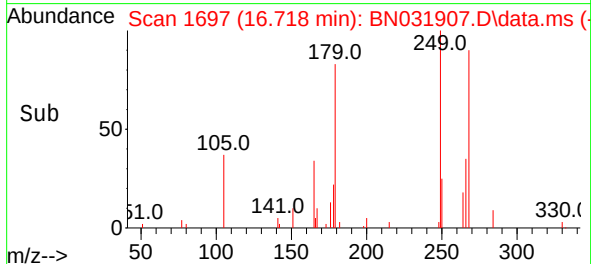
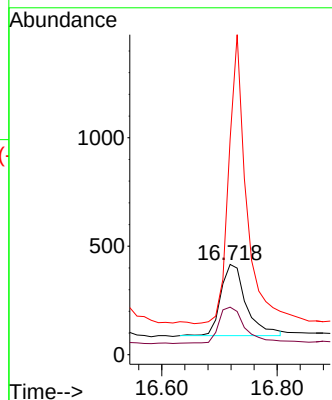
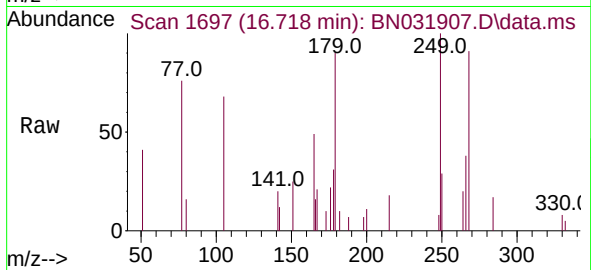




#24
Pentachlorophenol
Concen: 0.265 ng
RT: 16.718 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN031907.D
Acq: 11 Jun 2024 11:57

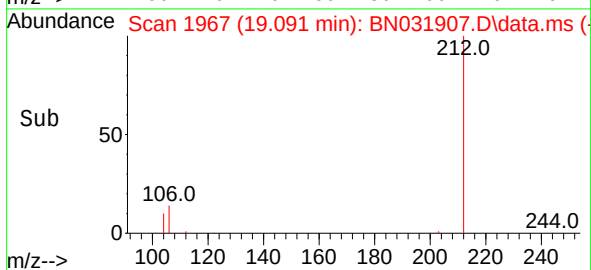
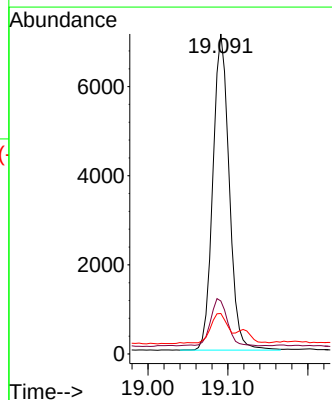
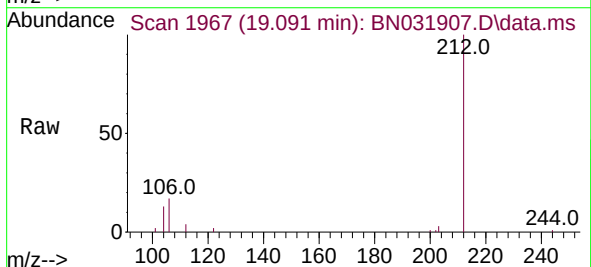
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-98-100RE

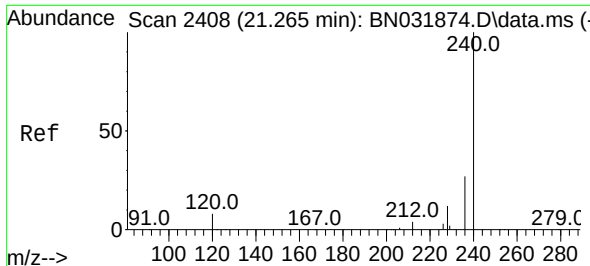
Tgt Ion	266	Ratio	100	Lower	Upper
266	100				
264	52.6		50.0	75.0	
268	280.8		51.0	76.6	



#27
Fluoranthene-d10
Concen: 0.131 ng
RT: 19.091 min Scan# 1967
Delta R.T. -0.009 min
Lab File: BN031907.D
Acq: 11 Jun 2024 11:57

Tgt Ion	212	Ratio	100	Lower	Upper
212	100				
106	15.7		11.8	17.8	
104	10.8		6.6	10.0	





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.256 min Scan# 2407

Delta R.T. -0.009 min

Lab File: BN031907.D

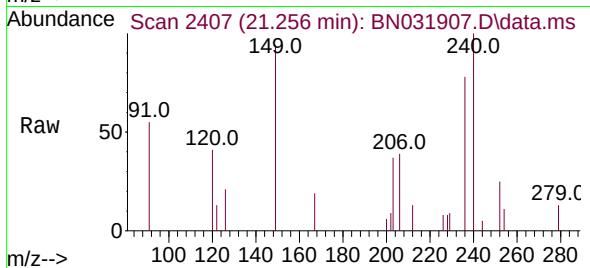
Acq: 11 Jun 2024 11:57

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-98-100RE



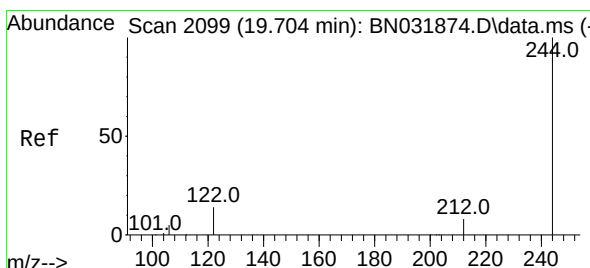
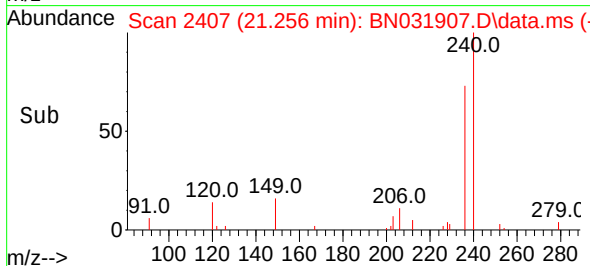
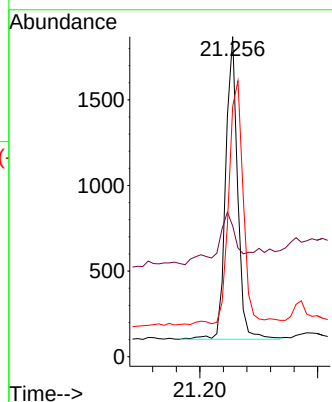
Tgt Ion:240 Resp: 2494

Ion Ratio Lower Upper

240 100

120 40.9 8.2 12.4#

236 78.3 21.8 32.8#



#31

Terphenyl-d14

Concen: 3.290 ng

RT: 19.695 min Scan# 2097

Delta R.T. -0.009 min

Lab File: BN031907.D

Acq: 11 Jun 2024 11:57

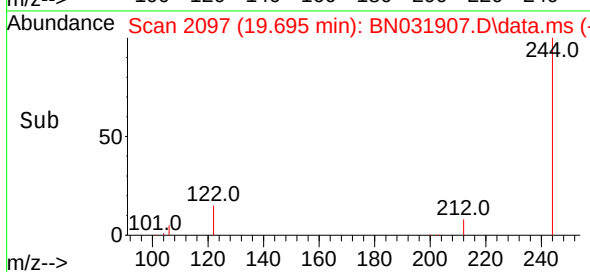
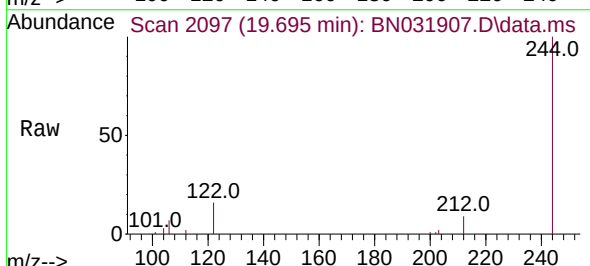
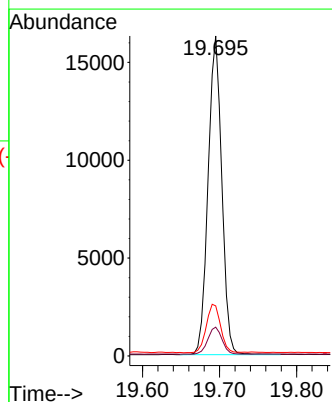
Tgt Ion:244 Resp: 20057

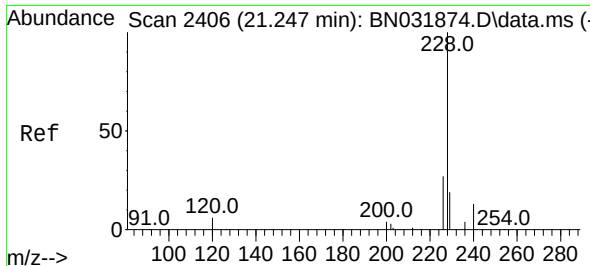
Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

122 15.7 11.4 17.0





#32

Benzo(a)anthracene

Concen: 0.081 ng

RT: 21.292 min Scan# 2411

Delta R.T. 0.045 min

Lab File: BN031907.D

Acq: 11 Jun 2024 11:57

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-98-100RE

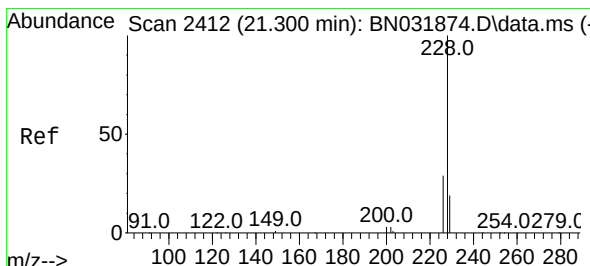
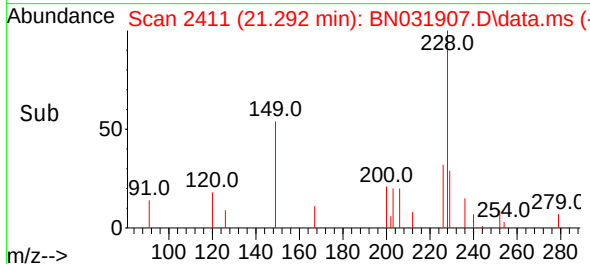
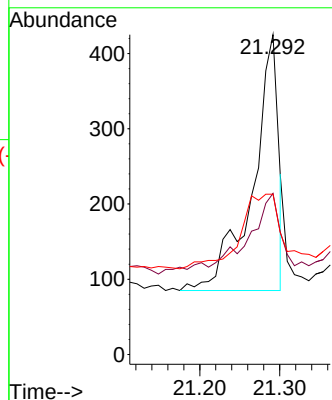
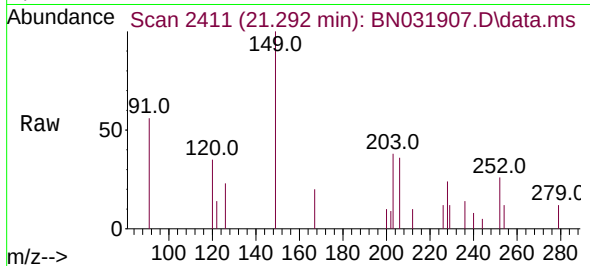
Tgt Ion:228 Resp: 763

Ion Ratio Lower Upper

228 100

226 50.4 21.8 32.6#

229 50.1 15.8 23.8#



#33

Chrysene

Concen: 0.079 ng

RT: 21.292 min Scan# 2411

Delta R.T. -0.009 min

Lab File: BN031907.D

Acq: 11 Jun 2024 11:57

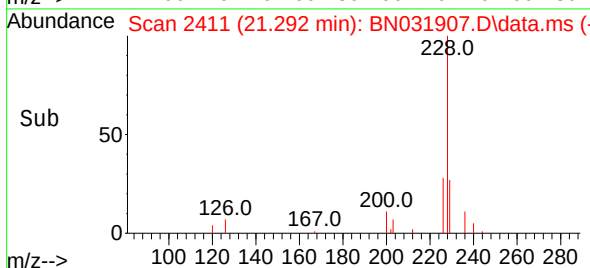
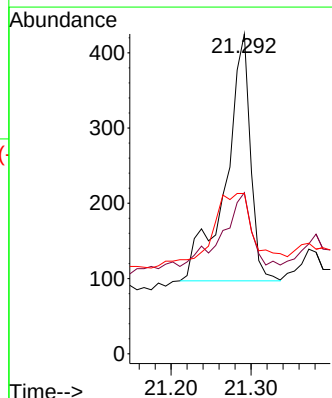
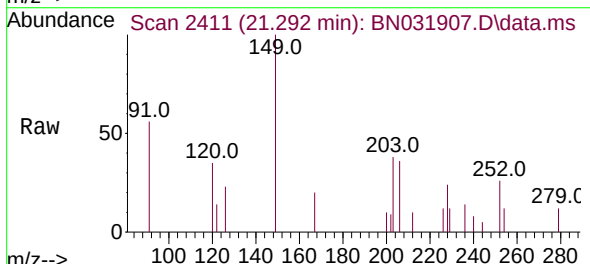
Tgt Ion:228 Resp: 701

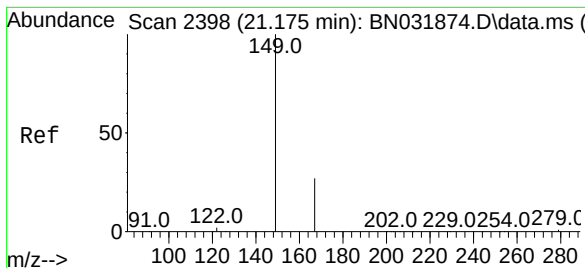
Ion Ratio Lower Upper

228 100

226 50.4 23.6 35.4#

229 50.1 15.8 23.6#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.148 ng

RT: 21.202 min Scan# 2401

Delta R.T. 0.027 min

Lab File: BN031907.D

Acq: 11 Jun 2024 11:57

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-98-100RE

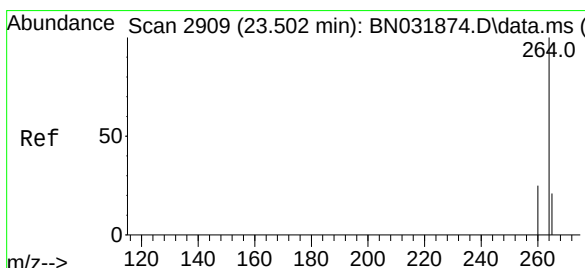
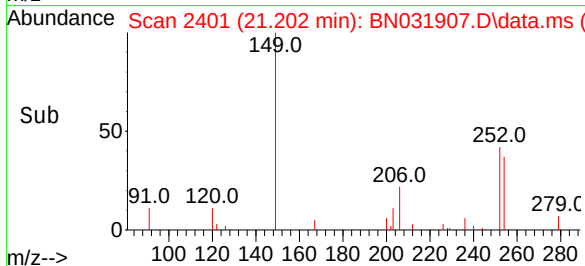
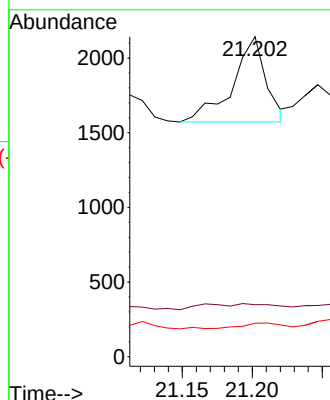
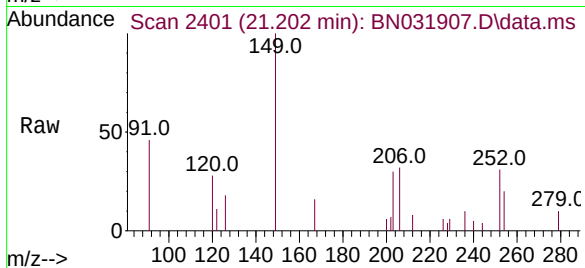
Tgt Ion:149 Resp: 946

Ion Ratio Lower Upper

149 100

167 0.0 22.5 33.7#

279 7.6 2.9 4.3#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.507 min Scan# 2911

Delta R.T. 0.006 min

Lab File: BN031907.D

Acq: 11 Jun 2024 11:57

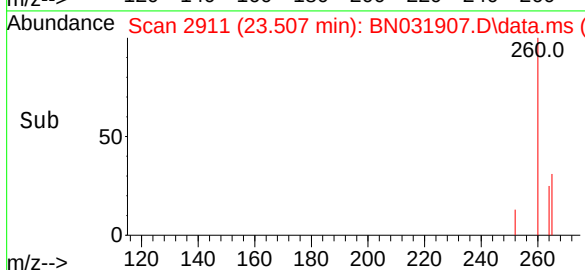
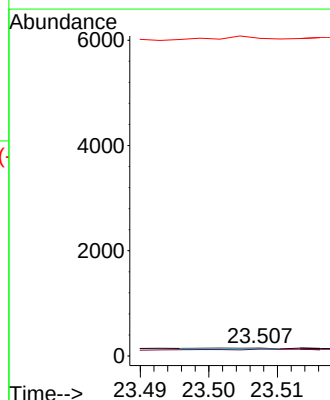
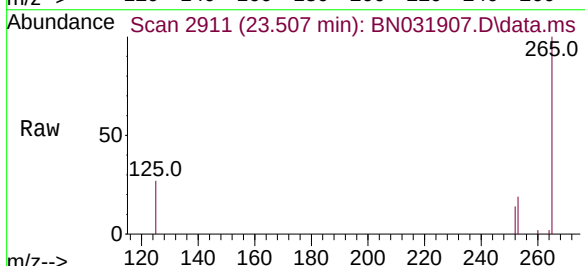
Tgt Ion:264 Resp: 9

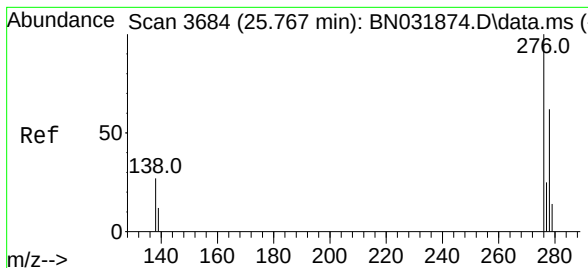
Ion Ratio Lower Upper

264 100

260 87.2 20.5 30.7#

265 4049.7 39.6 59.4#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.328 ng

RT: 25.782 min Scan# 30

Delta R.T. 0.015 min

Lab File: BN031907.D

Acq: 11 Jun 2024 11:57

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-98-100RE

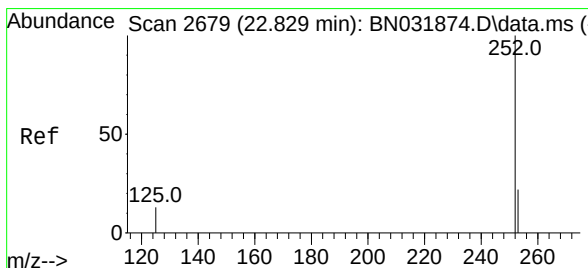
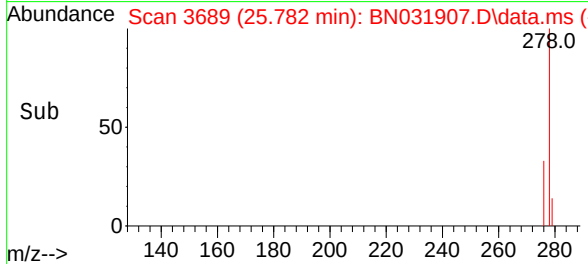
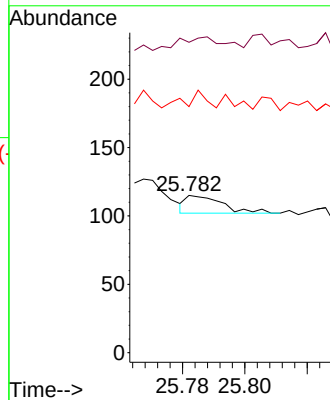
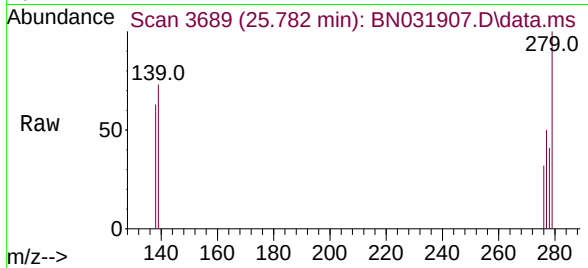
Tgt Ion:276 Resp: 11

Ion Ratio Lower Upper

276 100

138 81.8 21.5 32.3#

277 45.5 19.8 29.8#



#37

Benzo(b)fluoranthene

Concen: 9.268 ng

RT: 22.812 min Scan# 2673

Delta R.T. -0.017 min

Lab File: BN031907.D

Acq: 11 Jun 2024 11:57

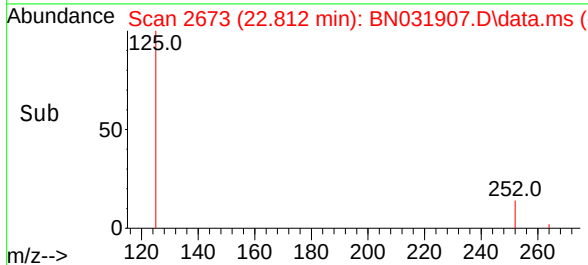
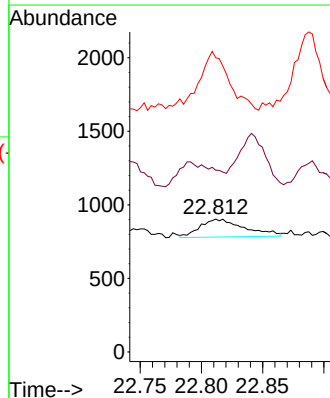
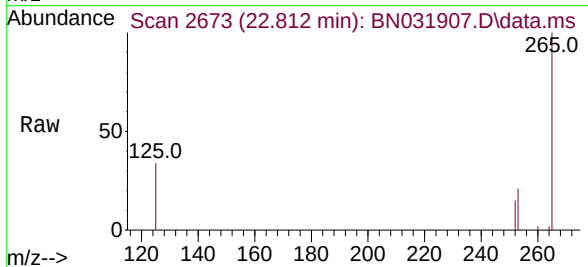
Tgt Ion:252 Resp: 304

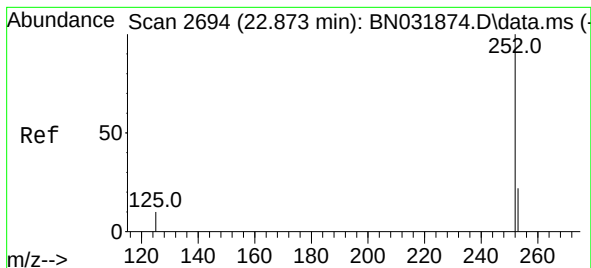
Ion Ratio Lower Upper

252 100

253 136.9 20.2 30.2#

125 221.5 14.2 21.4#





#38

Benzo(k)fluoranthene

Concen: 0.709 ng

RT: 22.873 min Scan# 2

Delta R.T. 0.000 min

Lab File: BN031907.D

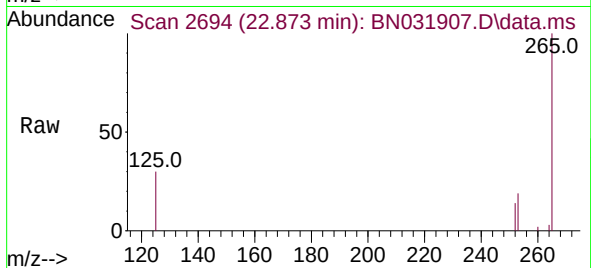
Acq: 11 Jun 2024 11:57

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-98-100RE



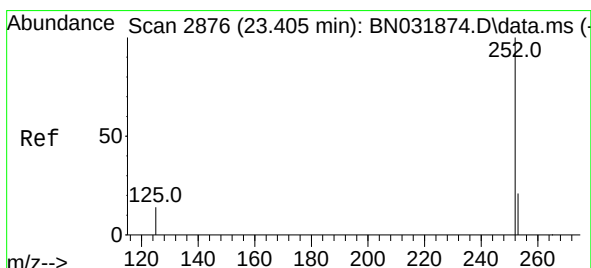
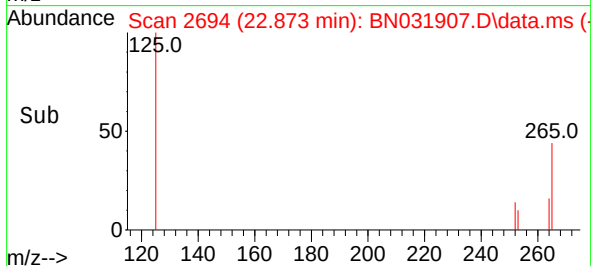
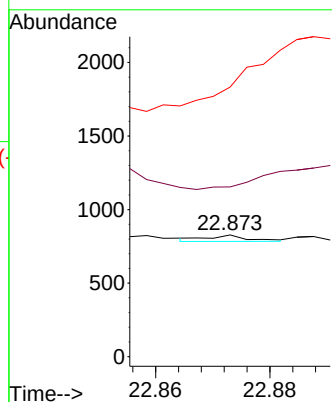
Tgt Ion:252 Resp: 22

Ion Ratio Lower Upper

252 100

253 139.4 19.9 29.9#

125 221.4 13.0 19.4#



#39

Benzo(a)pyrene

Concen: 0.318 ng

RT: 23.429 min Scan# 2884

Delta R.T. 0.023 min

Lab File: BN031907.D

Acq: 11 Jun 2024 11:57

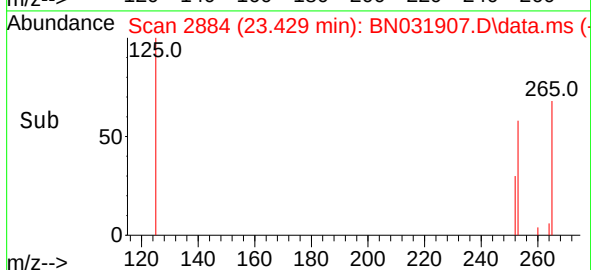
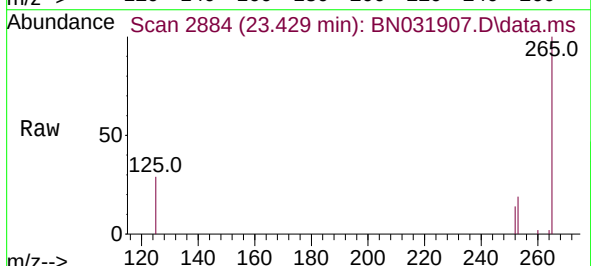
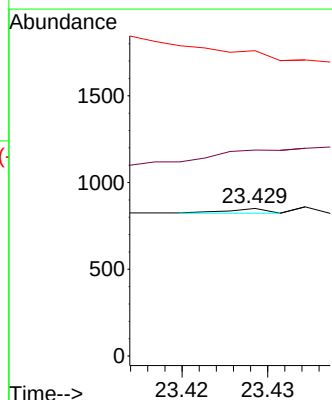
Tgt Ion:252 Resp: 9

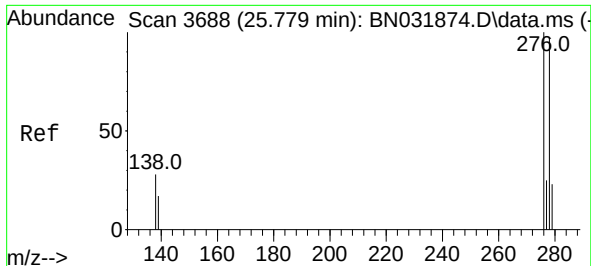
Ion Ratio Lower Upper

252 100

253 139.5 20.5 30.7#

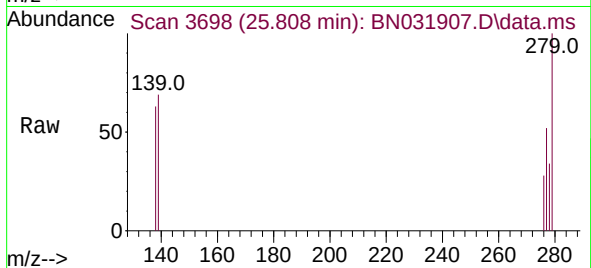
125 206.8 16.4 24.6#



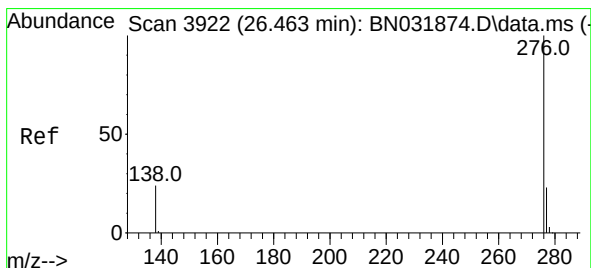
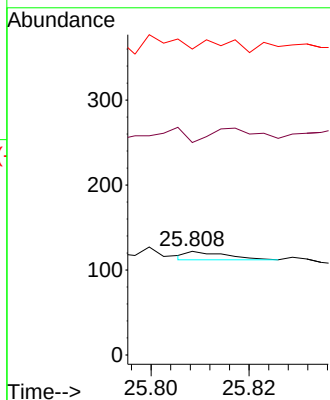
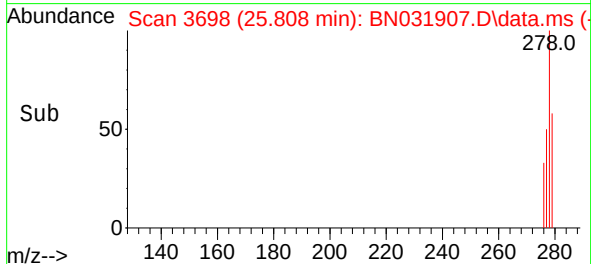


#40
Dibenzo(a,h)anthracene
Concen: 0.189 ng
RT: 25.808 min Scan# 3098
Delta R.T. 0.029 min
Lab File: BN031907.D
Acq: 11 Jun 2024 11:57

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-98-100RE



Tgt Ion:278 Resp: 5
Ion Ratio Lower Upper
278 100
139 204.9 17.0 25.4#
279 295.1 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.211 ng
RT: 26.484 min Scan# 3929
Delta R.T. 0.021 min
Lab File: BN031907.D
Acq: 11 Jun 2024 11:57

Tgt Ion:276 Resp: 6
Ion Ratio Lower Upper
276 100
277 154.9 20.2 30.2#
138 196.5 20.6 31.0#

