

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030042.D
 Acq On : 25 Feb 2024 23:18
 Operator : MA/JU
 Sample : P1509-11MSD
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-848-850MSD

Quant Time: Feb 26 02:54:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

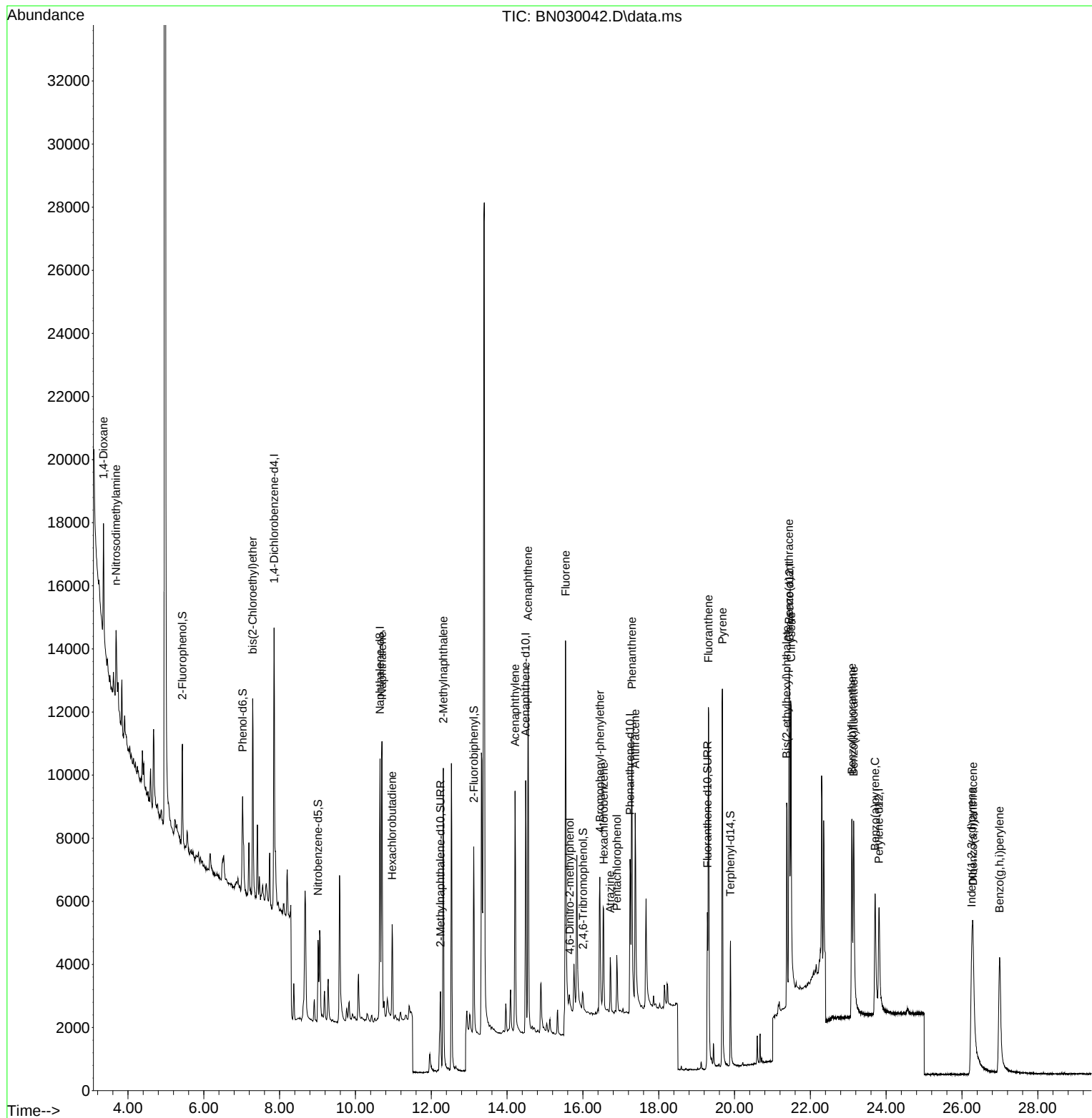
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4268	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11251	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	5012	0.400	ng	0.00
19) Phenanthrene-d10	17.243	188	9061	0.400	ng	#-0.01
29) Chrysene-d12	21.447	240	6311	0.400	ng	0.00
35) Perylene-d12	23.812	264	6133	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	2636	0.257	ng	0.00
5) Phenol-d6	7.024	99	3017	0.255	ng	0.00
8) Nitrobenzene-d5	9.014	82	2455	0.262	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	5445	0.355	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	442	0.275	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	5534	0.257	ng	0.00
27) Fluoranthene-d10	19.285	212	6125	0.279	ng	0.00
31) Terphenyl-d14	19.893	244	4646	0.297	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	2013	0.335	ng	# 35
3) n-Nitrosodimethylamine	3.687	42	2078	0.424	ng	# 87
6) bis(2-Chloroethyl)ether	7.291	93	4879	0.432	ng	99
9) Naphthalene	10.701	128	12886	0.402	ng	100
10) Hexachlorobutadiene	10.968	225	2401	0.395	ng	# 99
12) 2-Methylnaphthalene	12.318	142	7453	0.396	ng	99
16) Acenaphthylene	14.212	152	9309	0.391	ng	100
17) Acenaphthene	14.554	154	6025	0.377	ng	99
18) Fluorene	15.542	166	7215	0.360	ng	99
20) 4,6-Dinitro-2-methylph...	15.654	198	382	0.287	ng	# 80
21) 4-Bromophenyl-phenylether	16.449	248	2100	0.389	ng	# 79
22) Hexachlorobenzene	16.548	284	2773	0.419	ng	95
23) Atrazine	16.722	200	1620	0.423	ng	94
24) Pentachlorophenol	16.895	266	1025	0.489	ng	97
25) Phenanthrene	17.293	178	10815	0.404	ng	98
26) Anthracene	17.379	178	8866	0.388	ng	99
28) Fluoranthene	19.313	202	11894	0.395	ng	99
30) Pyrene	19.680	202	12226	0.421	ng	99
32) Benzo(a)anthracene	21.438	228	8615	0.400	ng	99
33) Chrysene	21.492	228	9986	0.408	ng	99
34) Bis(2-ethylhexyl)phtha...	21.375	149	6356	0.433	ng	98
36) Indeno(1,2,3-cd)pyrene	26.253	276	10993	0.446	ng	# 81
37) Benzo(b)fluoranthene	23.095	252	9135	0.417	ng	97
38) Benzo(k)fluoranthene	23.142	252	9578	0.417	ng	95
39) Benzo(a)pyrene	23.706	252	8085	0.423	ng	95
40) Dibenzo(a,h)anthracene	26.291	278	8443	0.430	ng	98
41) Benzo(g,h,i)perylene	26.993	276	10098	0.422	ng	98

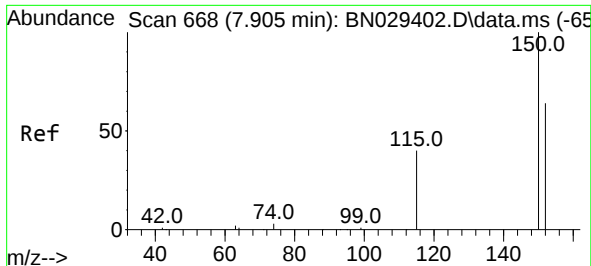
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
Data File : BN030042.D
Acq On : 25 Feb 2024 23:18
Operator : MA/JU
Sample : P1509-11MSD
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD

Quant Time: Feb 26 02:54:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

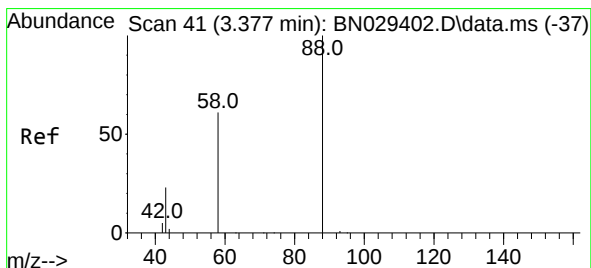
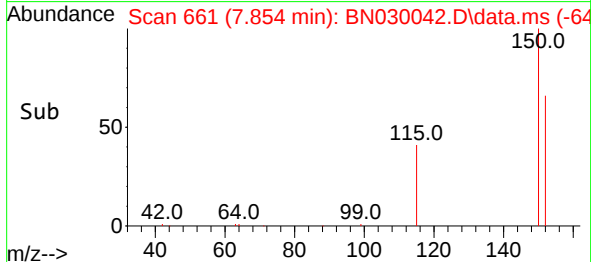
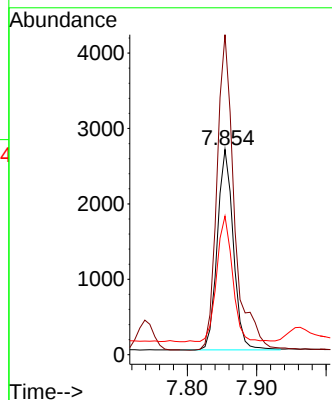
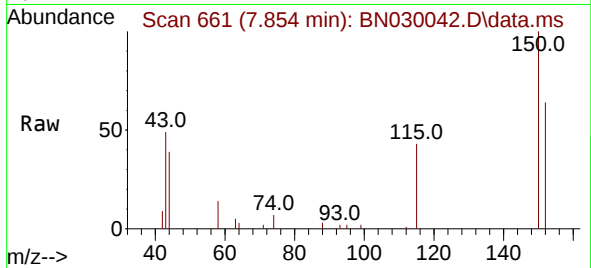




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN030042.D
 Acq: 25 Feb 2024 23:18

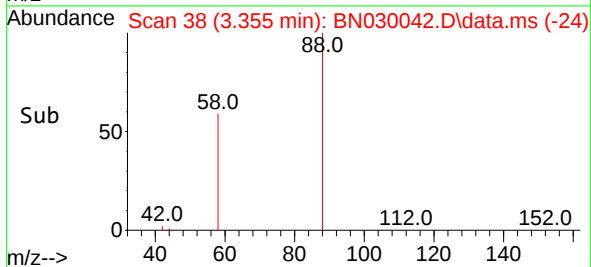
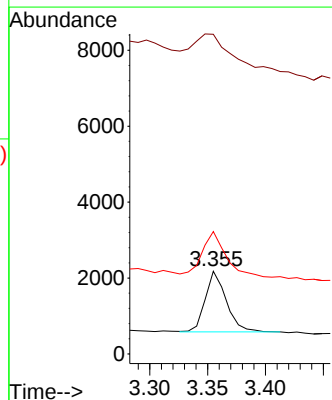
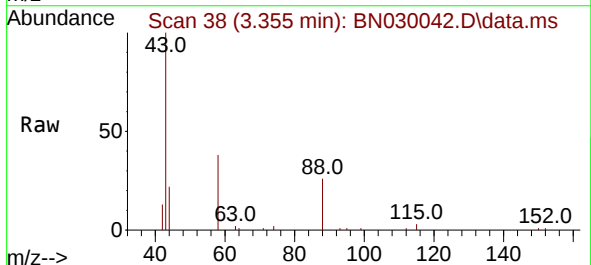
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-848-850MSD

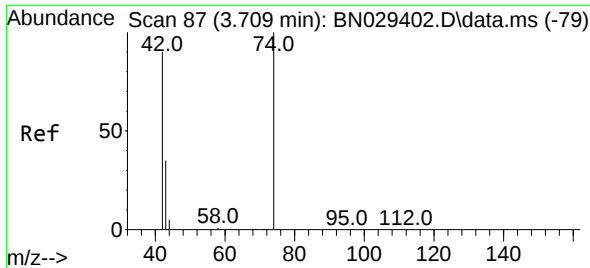
Tgt Ion:152 Resp: 4268
 Ion Ratio Lower Upper
 152 100
 150 155.9 123.0 184.4
 115 67.5 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.335 ng
 RT: 3.355 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN030042.D
 Acq: 25 Feb 2024 23:18

Tgt Ion: 88 Resp: 2013
 Ion Ratio Lower Upper
 88 100
 43 115.3 23.3 34.9#
 58 86.3 53.8 80.6#

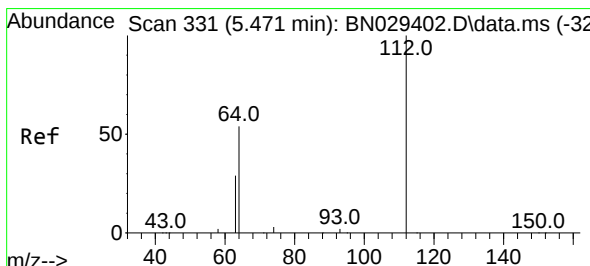
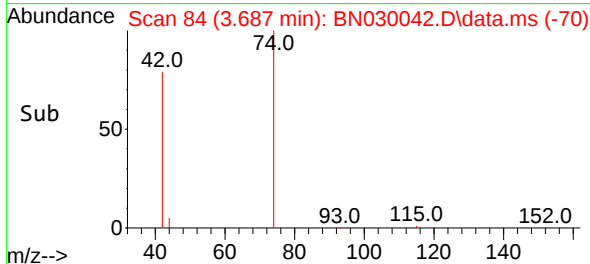
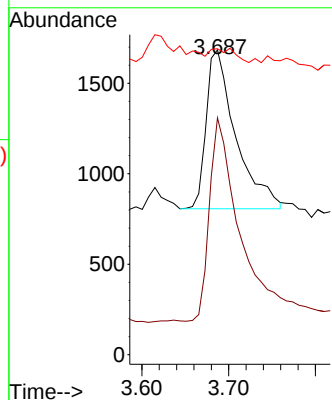
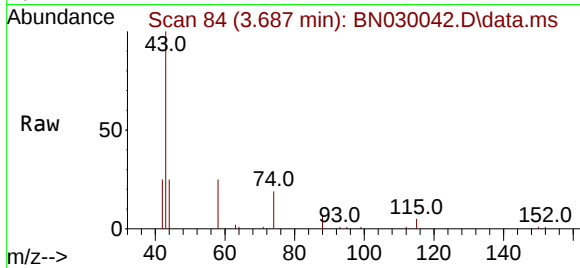




#3
 n-Nitrosodimethylamine
 Concen: 0.424 ng
 RT: 3.687 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BN030042.D
 Acq: 25 Feb 2024 23:18

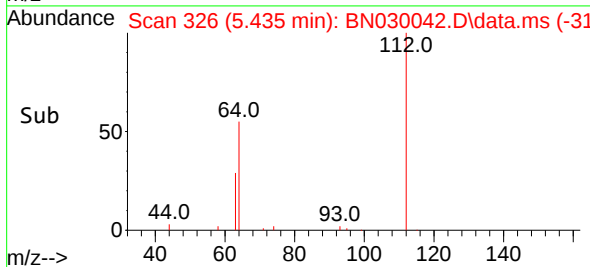
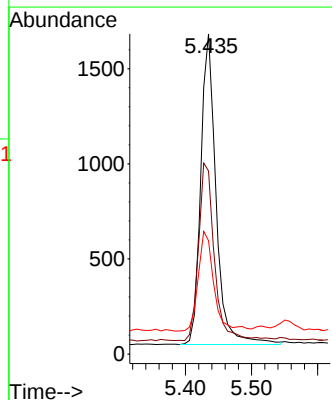
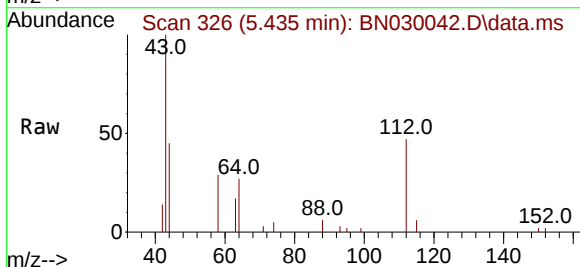
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-848-850MSD

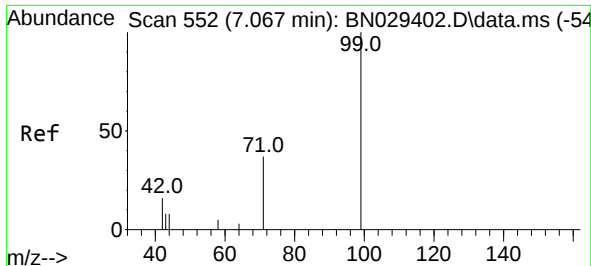
Tgt Ion: 42 Resp: 2078
 Ion Ratio Lower Upper
 42 100
 74 129.8 93.7 140.5
 44 7.1 13.0 19.4#



#4
 2-Fluorophenol
 Concen: 0.257 ng
 RT: 5.435 min Scan# 326
 Delta R.T. 0.007 min
 Lab File: BN030042.D
 Acq: 25 Feb 2024 23:18

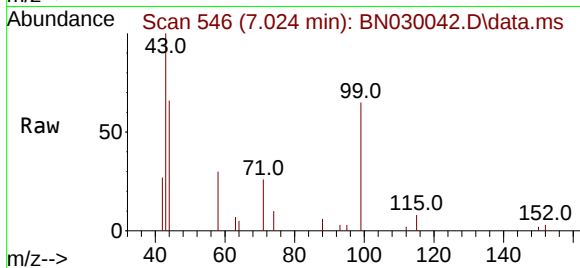
Tgt Ion: 112 Resp: 2636
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.2 70.8
 63 32.6 25.8 38.6



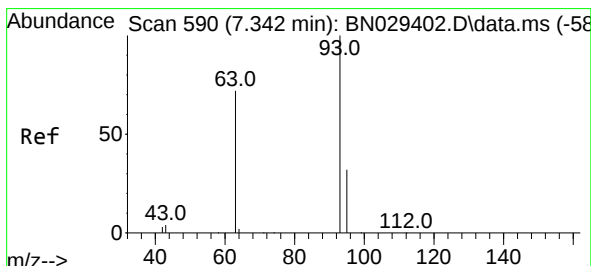
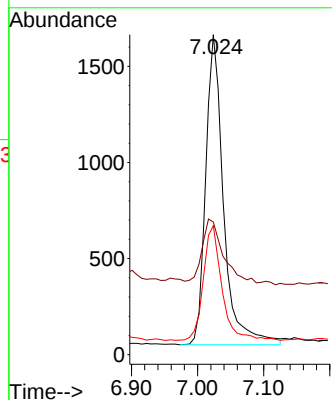
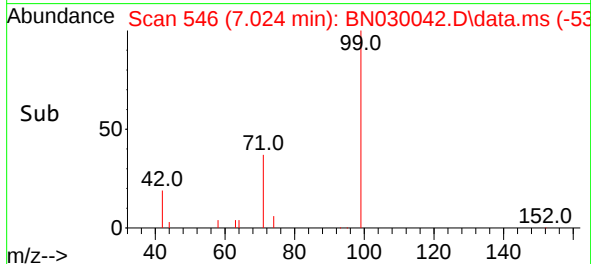


#5
Phenol-d6
Concen: 0.255 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD

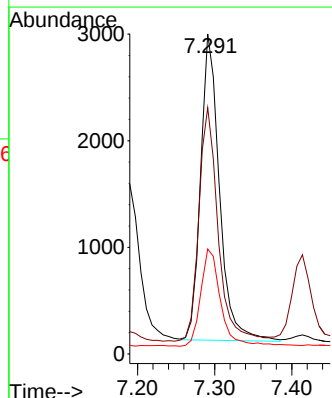
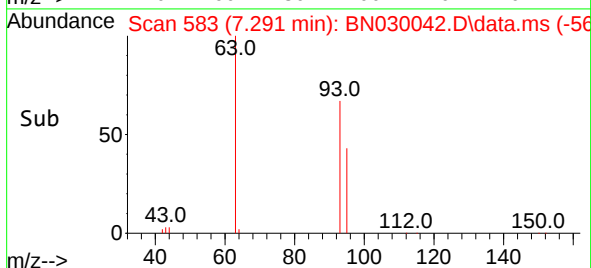
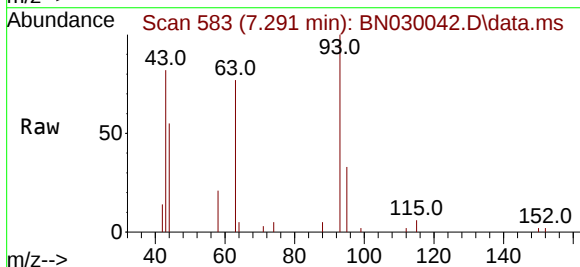


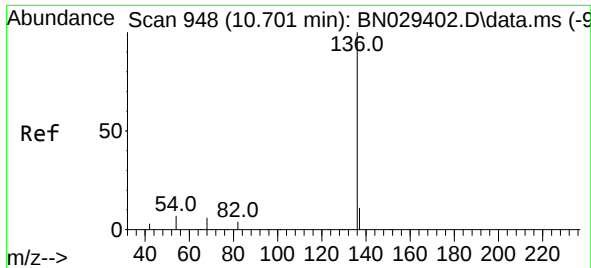
Tgt Ion: 99 Resp: 3017
Ion Ratio Lower Upper
99 100
42 23.6 16.9 25.3
71 38.5 30.0 45.0



#6
bis(2-Chloroethyl)ether
Concen: 0.432 ng
RT: 7.291 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Tgt Ion: 93 Resp: 4879
Ion Ratio Lower Upper
93 100
63 78.0 63.1 94.7
95 34.1 27.1 40.7

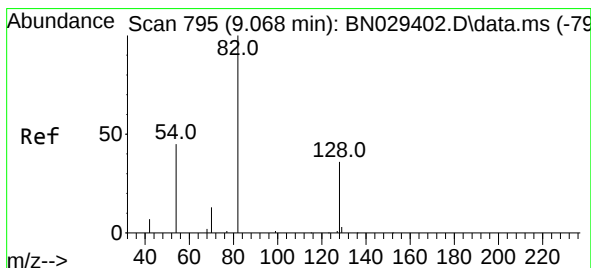
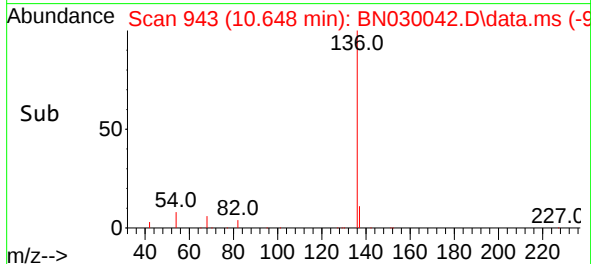
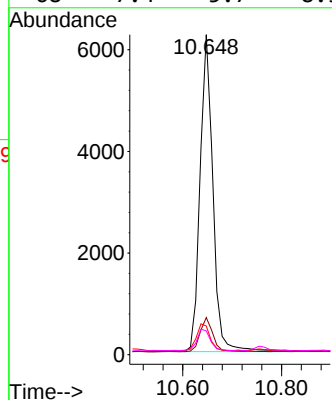
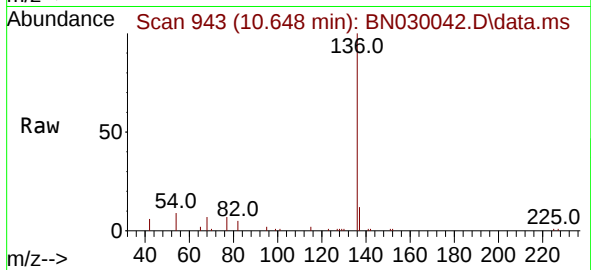




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

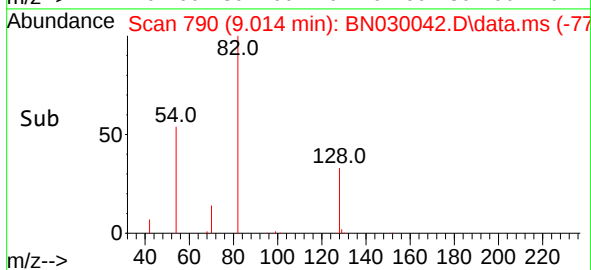
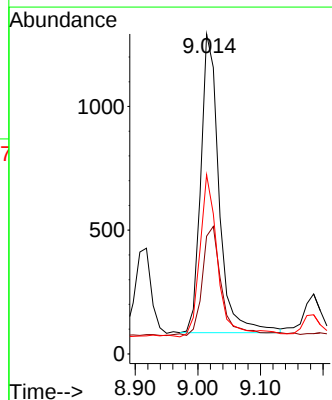
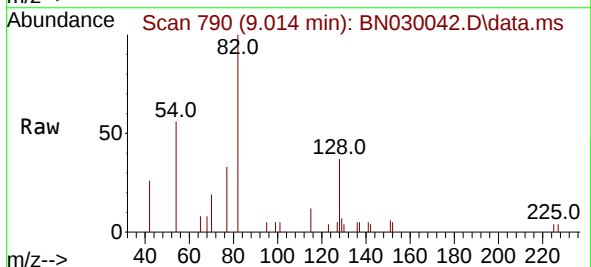
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD

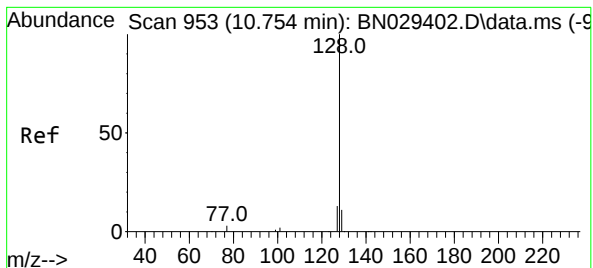
Tgt Ion:136	Resp:	11251
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.7 14.5
54	9.0	6.6 10.0
68	7.4	5.7 8.5



#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Tgt Ion: 82	Resp:	2455
Ion Ratio	Lower	Upper
82	100	
128	36.8	31.6 47.4
54	56.0	38.2 57.4





#9

Naphthalene

Concen: 0.402 ng

RT: 10.701 min Scan# 948

Delta R.T. 0.000 min

Lab File: BN030042.D

Acq: 25 Feb 2024 23:18

Instrument :

BNA_N

ClientSampleId :

BP-VPB-191-GW-848-850MSD

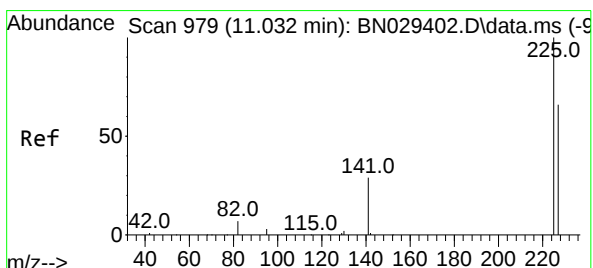
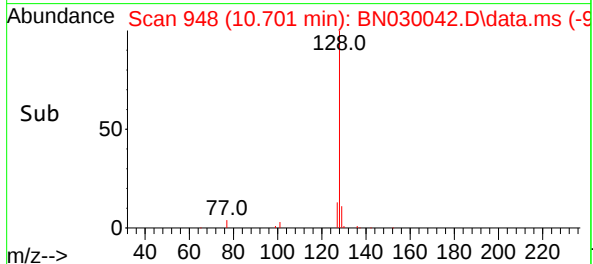
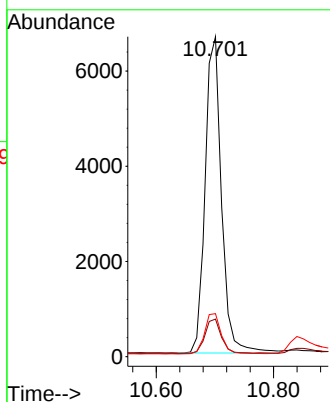
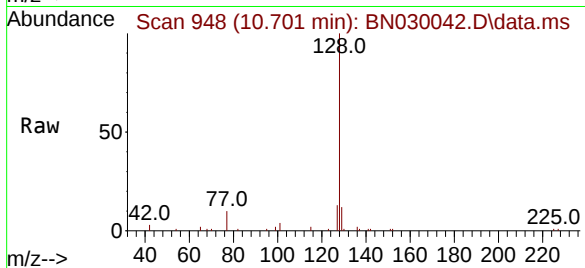
Tgt Ion:128 Resp: 12886

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

127 13.5 10.8 16.2



#10

Hexachlorobutadiene

Concen: 0.395 ng

RT: 10.968 min Scan# 973

Delta R.T. -0.011 min

Lab File: BN030042.D

Acq: 25 Feb 2024 23:18

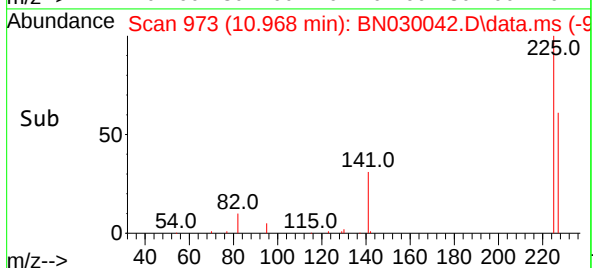
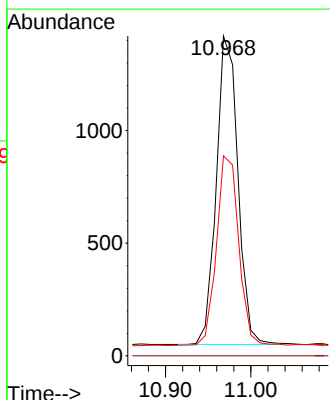
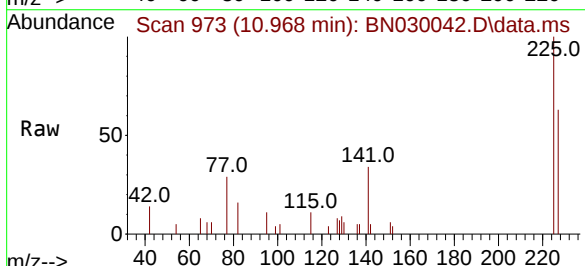
Tgt Ion:225 Resp: 2401

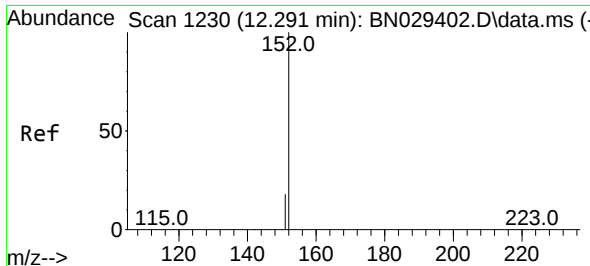
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.3 51.1 76.7

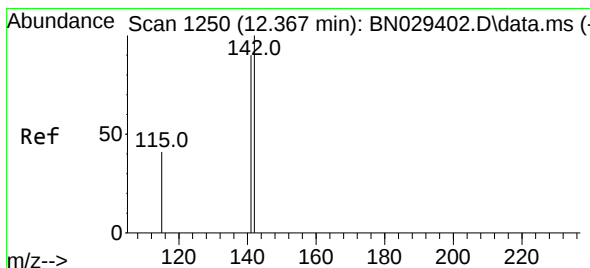
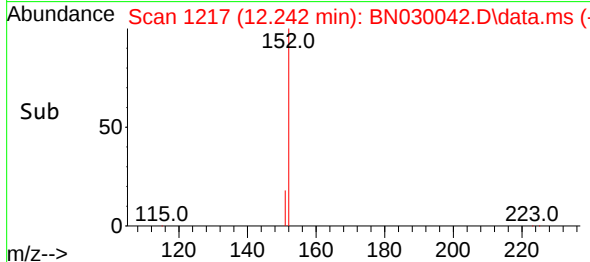
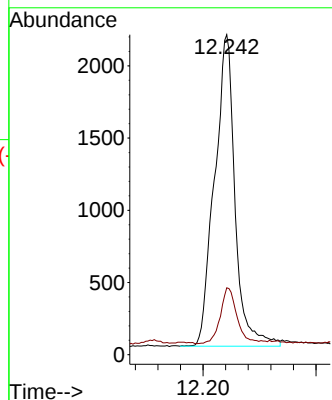
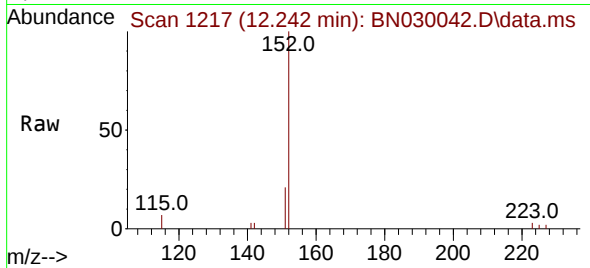




#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.242 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

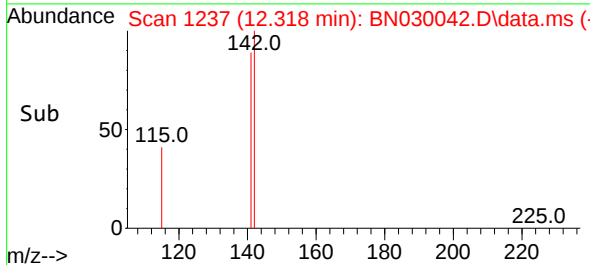
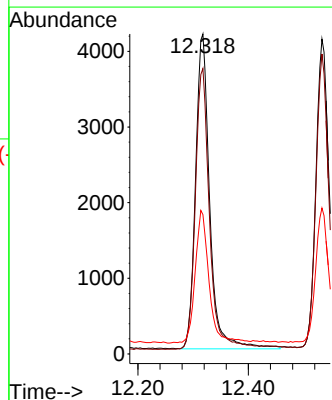
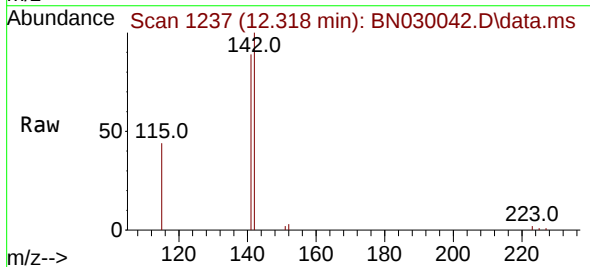
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD

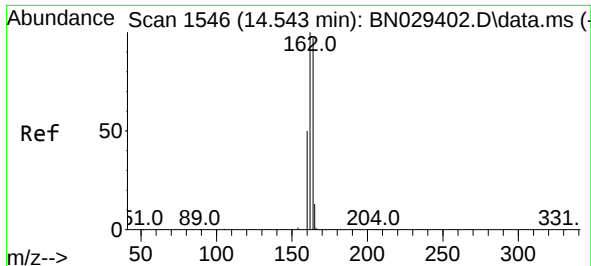
Tgt Ion:152 Resp: 5445
Ion Ratio Lower Upper
152 100
151 14.5 17.1 25.7#



#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.318 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Tgt Ion:142 Resp: 7453
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9
115 43.5 33.9 50.9

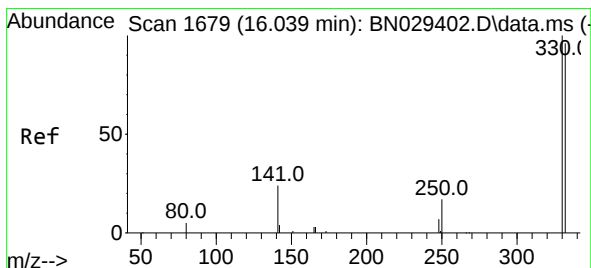
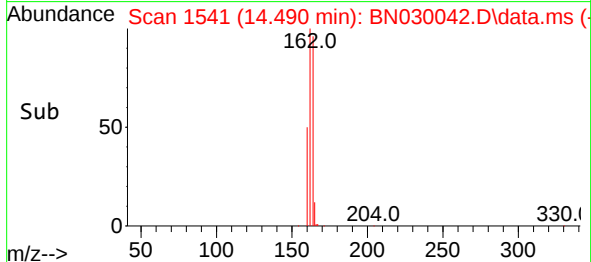
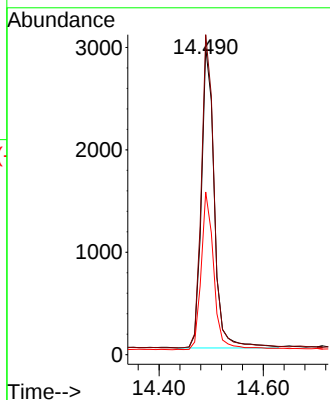
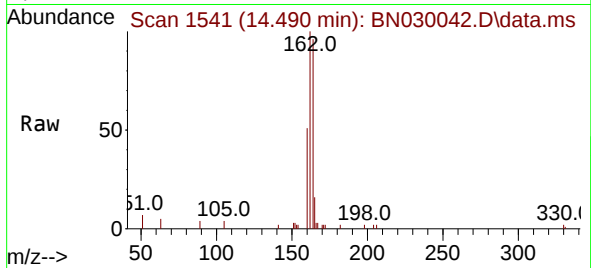




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.490 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN030042.D
 Acq: 25 Feb 2024 23:18

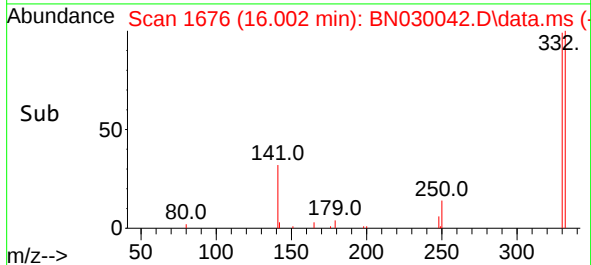
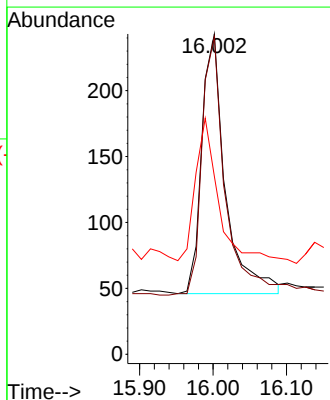
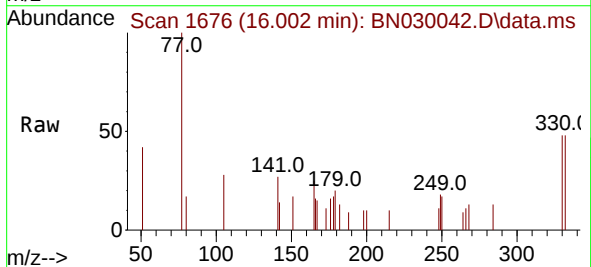
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-848-850MSD

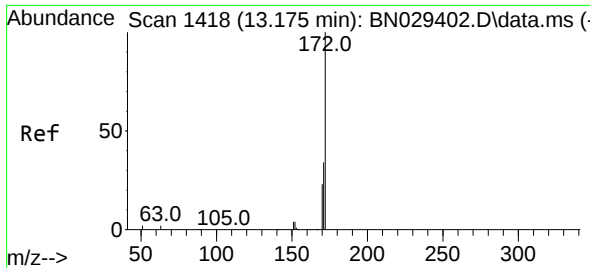
Tgt Ion:164	Resp:	5012
Ion	Ratio	Lower Upper
164	100	
162	104.2	82.6 123.8
160	53.0	41.5 62.3



#14
 2,4,6-Tribromophenol
 Concen: 0.275 ng
 RT: 16.002 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BN030042.D
 Acq: 25 Feb 2024 23:18

Tgt Ion:330	Resp:	442
Ion	Ratio	Lower Upper
330	100	
332	97.3	76.0 114.0
141	51.8	43.4 65.2

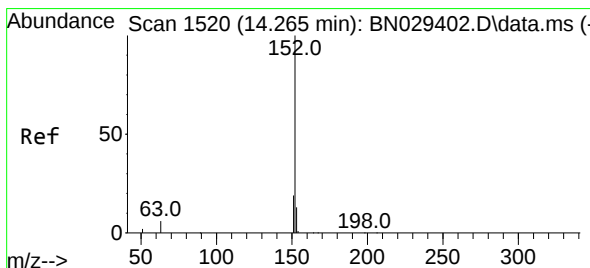
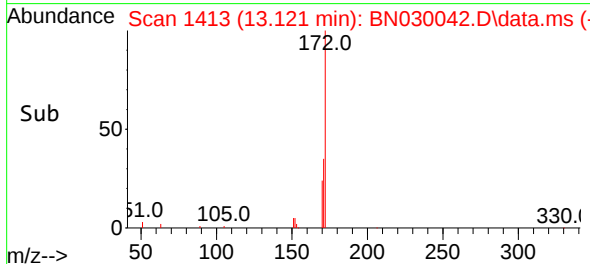
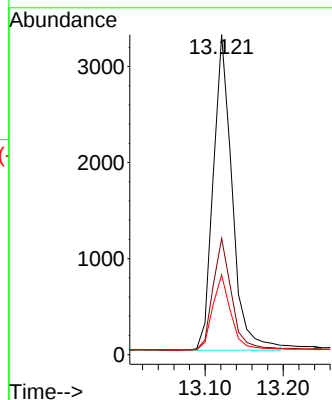
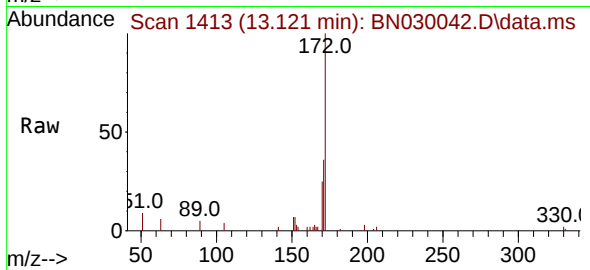




#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 13.121 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

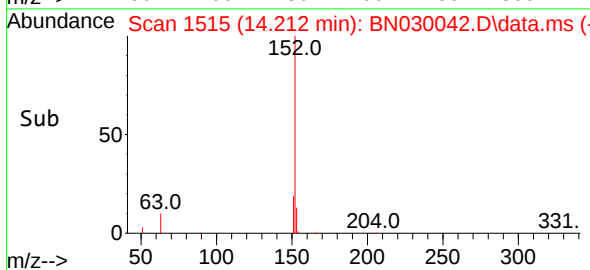
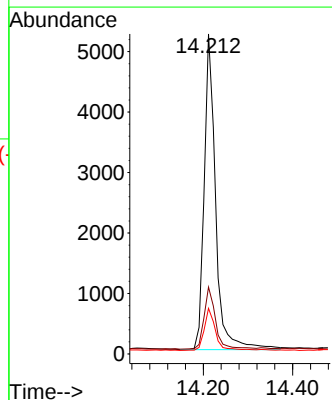
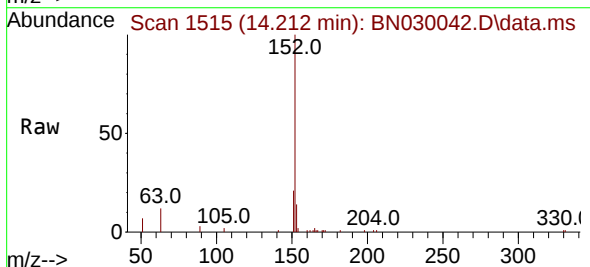
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD

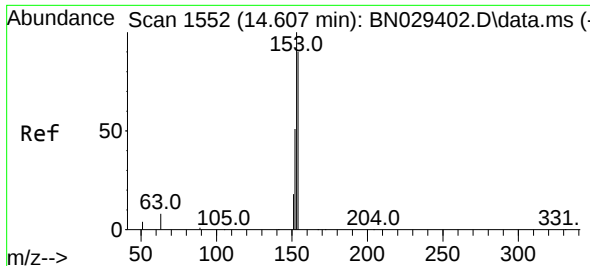
Tgt Ion:172 Resp: 5534
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 24.9 18.7 28.1



#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.212 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Tgt Ion:152 Resp: 9309
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.9 10.5 15.7

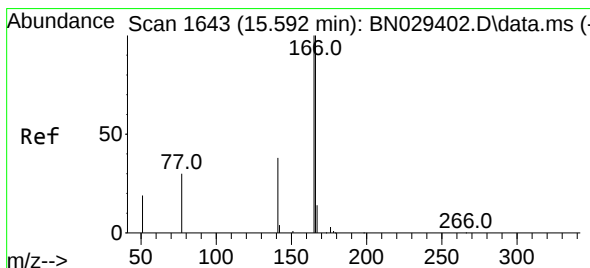
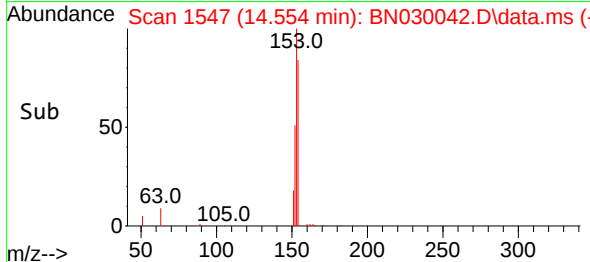
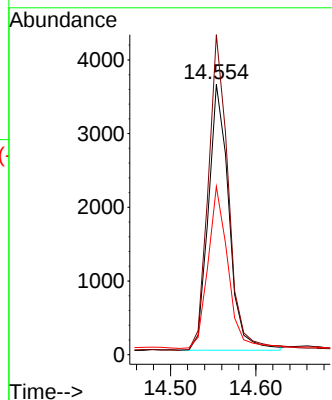
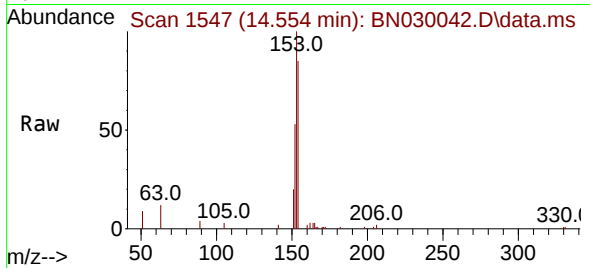




#17
Acenaphthene
Concen: 0.377 ng
RT: 14.554 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

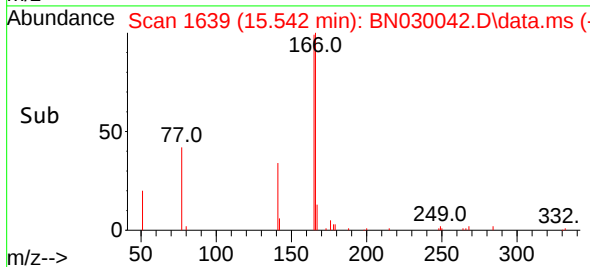
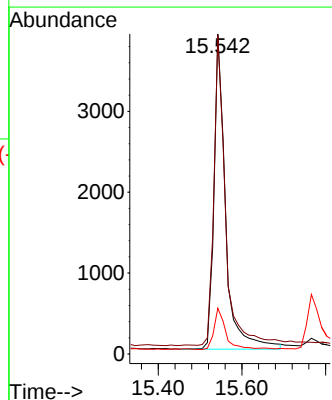
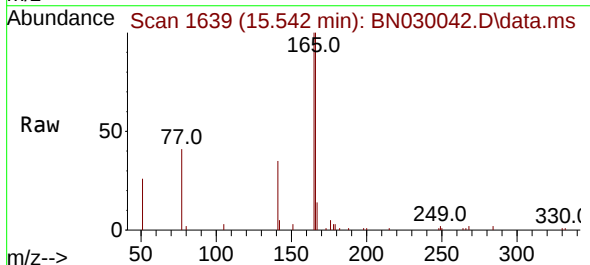
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD

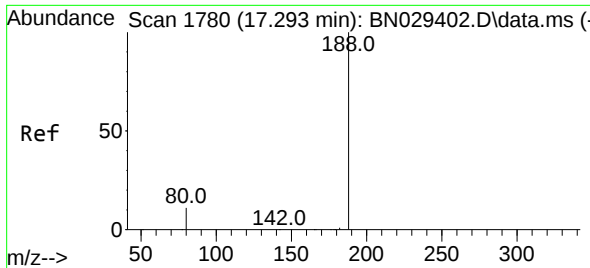
Tgt Ion:154 Resp: 6025
Ion Ratio Lower Upper
154 100
153 117.8 93.6 140.4
152 60.2 48.6 73.0



#18
Fluorene
Concen: 0.360 ng
RT: 15.542 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Tgt Ion:166 Resp: 7215
Ion Ratio Lower Upper
166 100
165 100.9 79.9 119.9
167 14.0 11.3 16.9

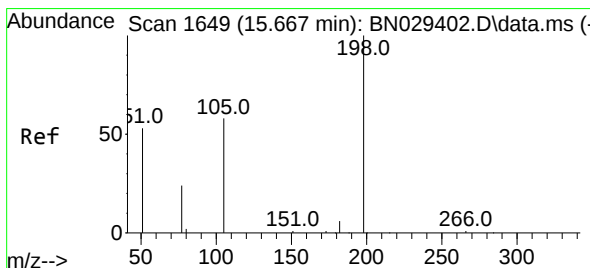
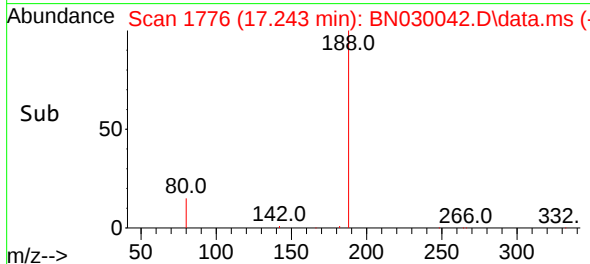
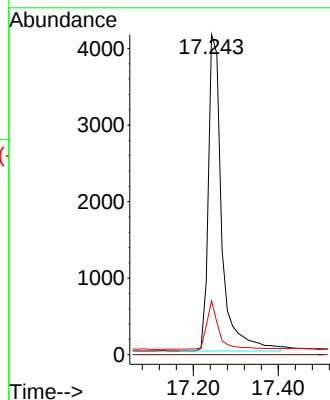
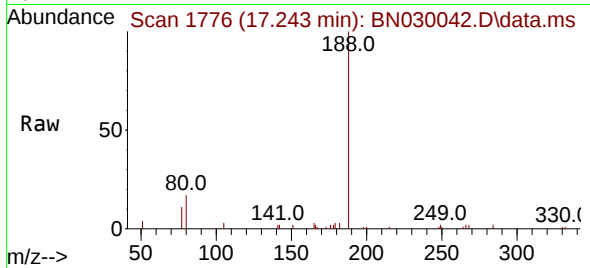




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.243 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

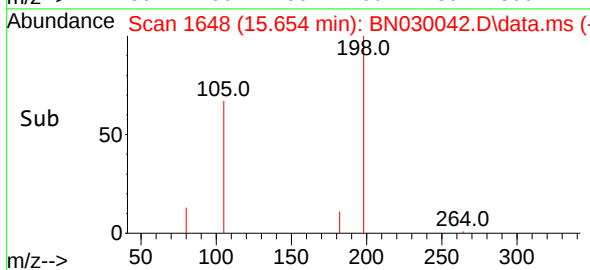
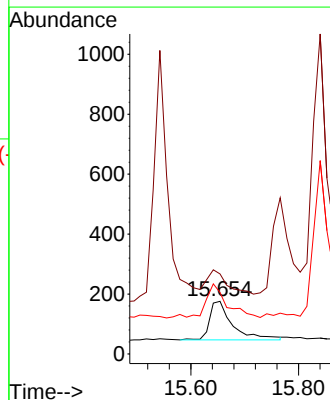
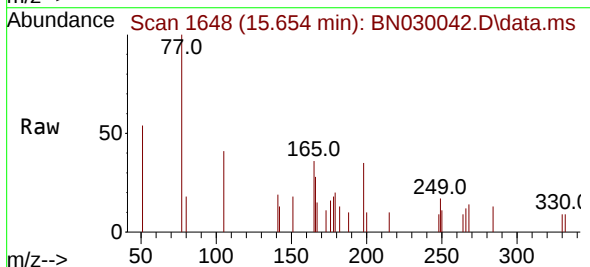
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD

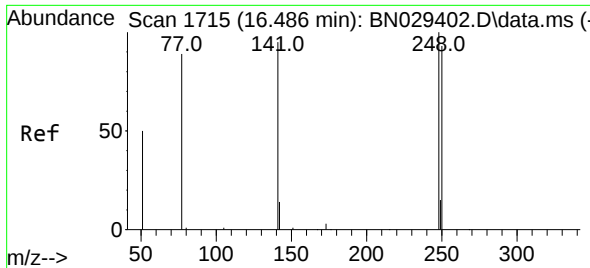
Tgt Ion:188 Resp: 9061
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.9 10.0 15.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.287 ng
RT: 15.654 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Tgt Ion:198 Resp: 382
Ion Ratio Lower Upper
198 100
51 151.7 111.0 166.6
105 116.5 67.0 100.6#

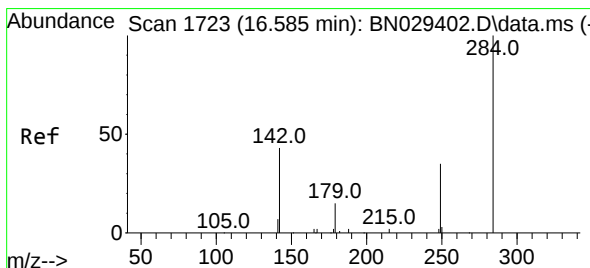
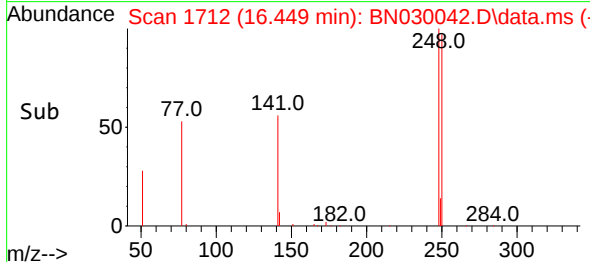
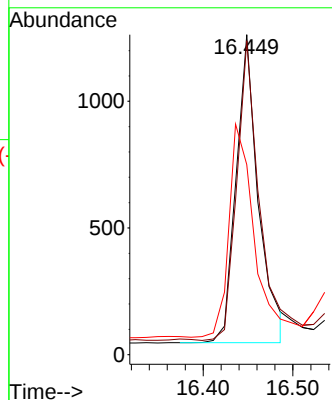
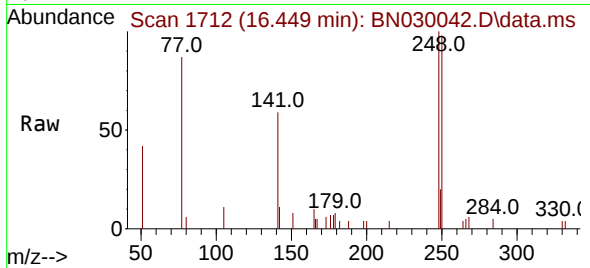




#21
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.449 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

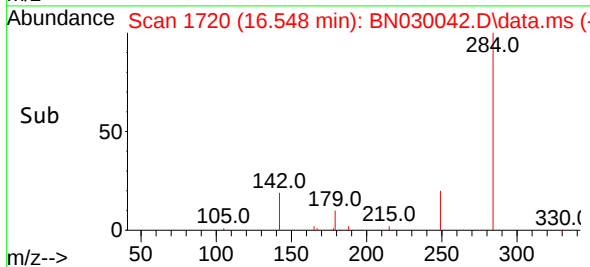
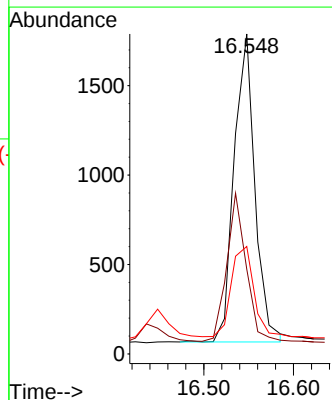
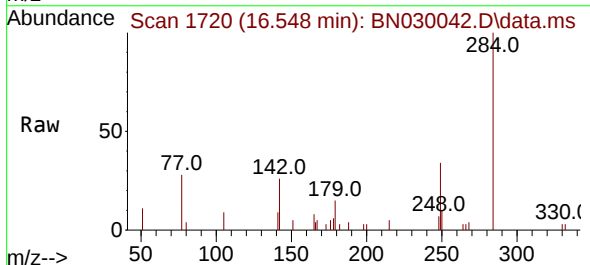
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD

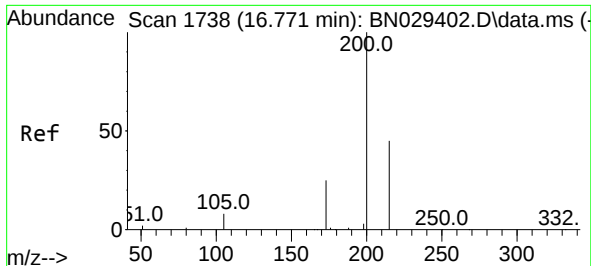
Tgt Ion:248 Resp: 2100
Ion Ratio Lower Upper
248 100
250 98.1 75.0 112.4
141 59.4 77.0 115.6#



#22
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.548 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Tgt Ion:284 Resp: 2773
Ion Ratio Lower Upper
284 100
142 44.6 39.4 59.2
249 31.8 26.9 40.3

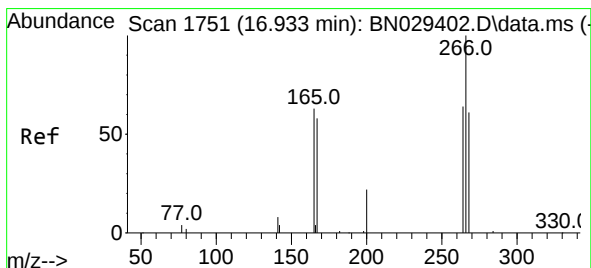
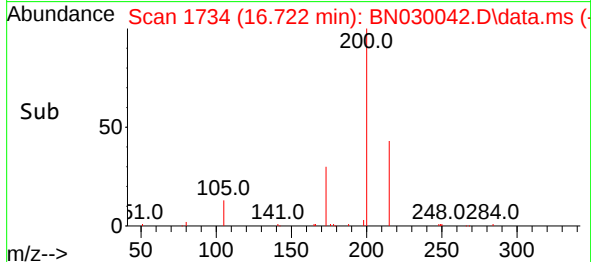
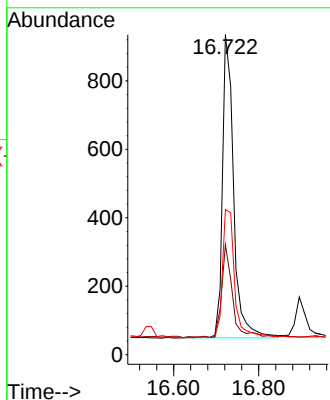
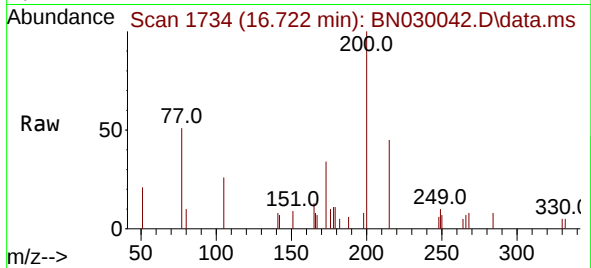




#23
Atrazine
Concen: 0.423 ng
RT: 16.722 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

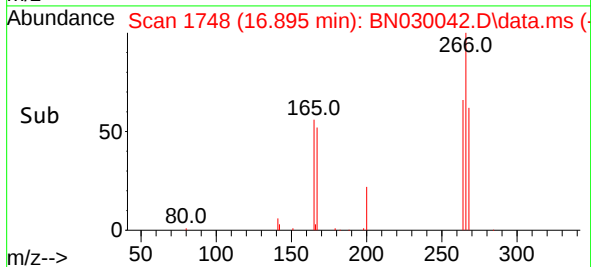
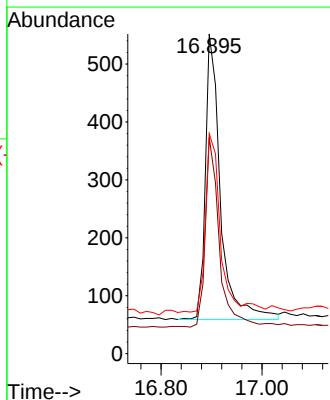
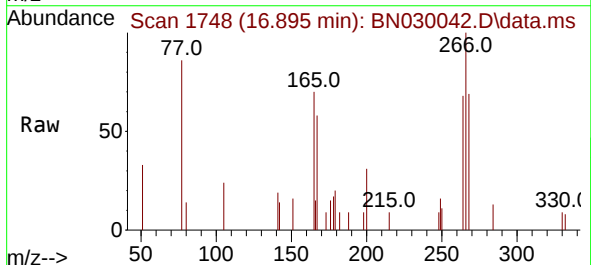
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD

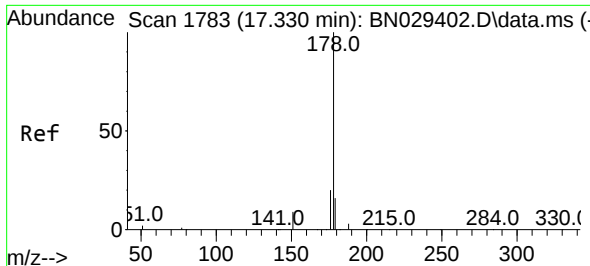
Tgt Ion:200 Resp: 1620
Ion Ratio Lower Upper
200 100
173 34.3 23.4 35.0
215 45.3 38.4 57.6



#24
Pentachlorophenol
Concen: 0.489 ng
RT: 16.895 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Tgt Ion:266 Resp: 1025
Ion Ratio Lower Upper
266 100
264 60.8 50.8 76.2
268 61.9 51.5 77.3

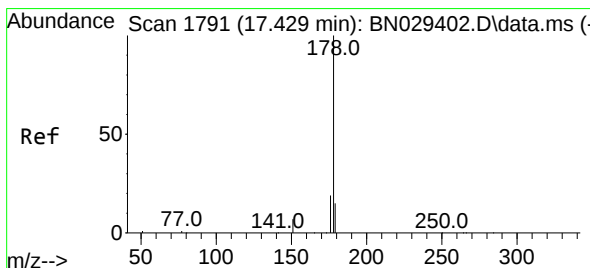
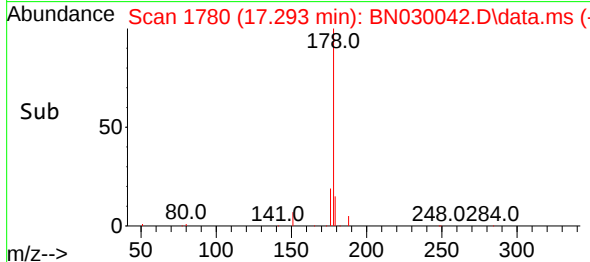
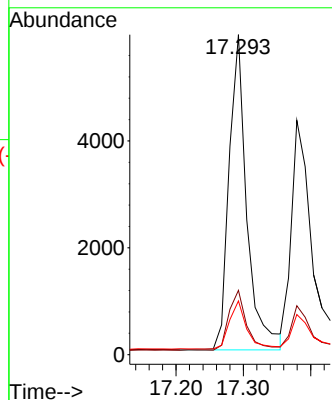
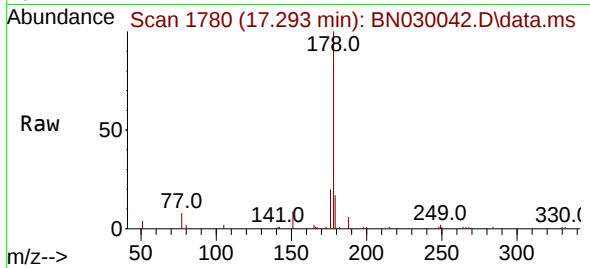




#25
Phenanthrene
Concen: 0.404 ng
RT: 17.293 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

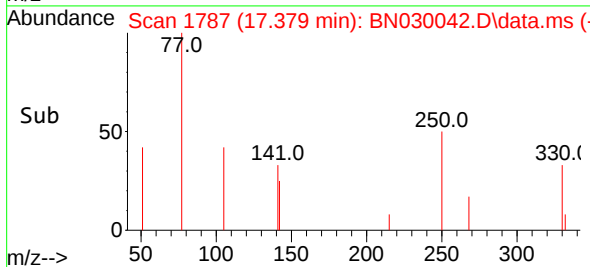
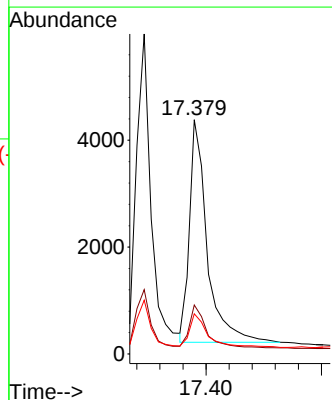
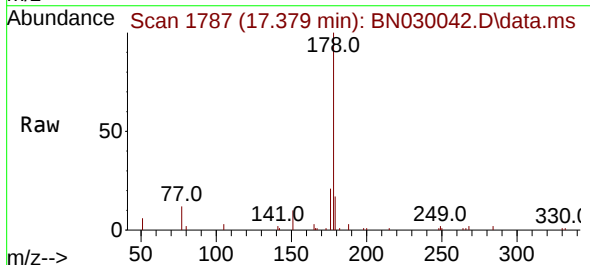
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD

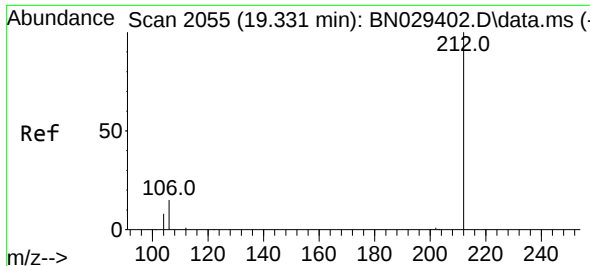
Tgt Ion:178 Resp: 10815
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 15.1 12.6 19.0



#26
Anthracene
Concen: 0.388 ng
RT: 17.379 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Tgt Ion:178 Resp: 8866
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.8 12.3 18.5

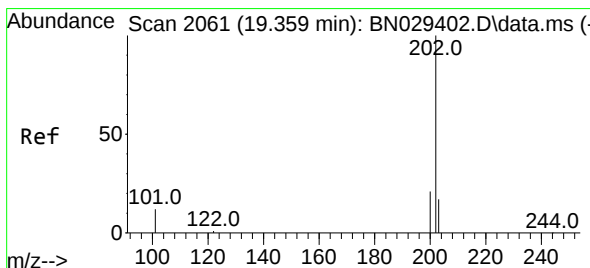
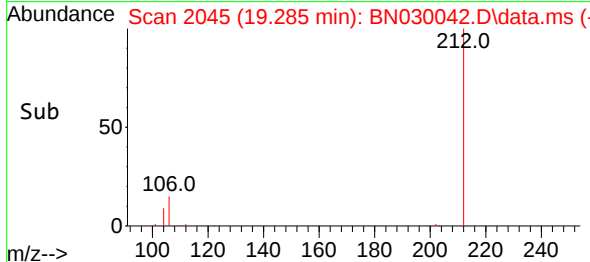
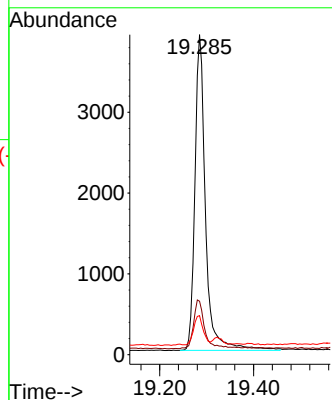
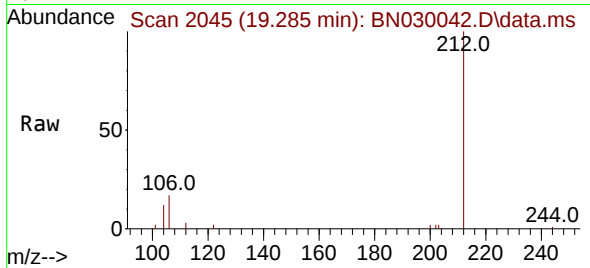




#27
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.285 min Scan# 2051
Delta R.T. -0.005 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

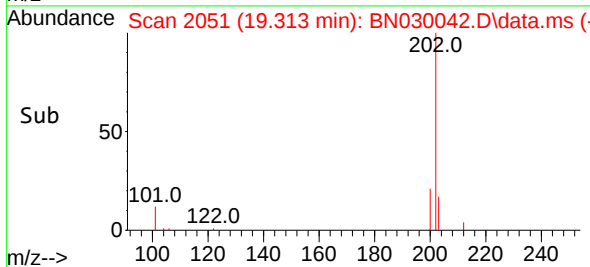
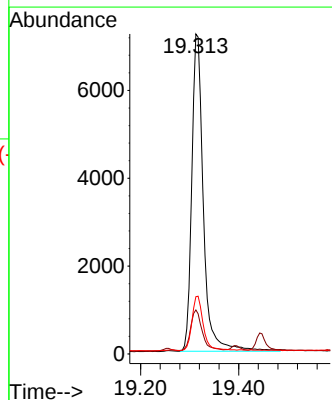
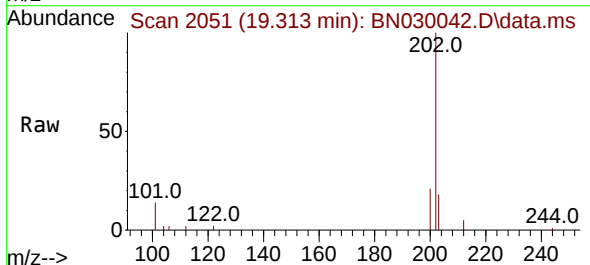
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD

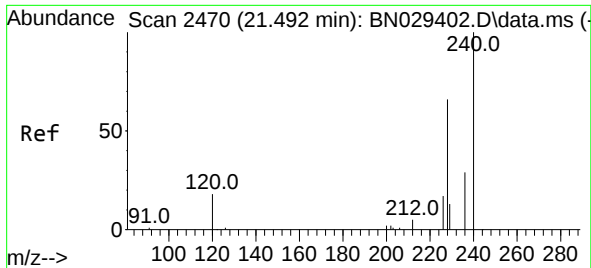
Tgt Ion:212 Resp: 6125
Ion Ratio Lower Upper
212 100
106 16.5 13.2 19.8
104 8.5 7.7 11.5



#28
Fluoranthene
Concen: 0.395 ng
RT: 19.313 min Scan# 2051
Delta R.T. -0.005 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Tgt Ion:202 Resp: 11894
Ion Ratio Lower Upper
202 100
101 12.6 10.5 15.7
203 16.8 13.5 20.3

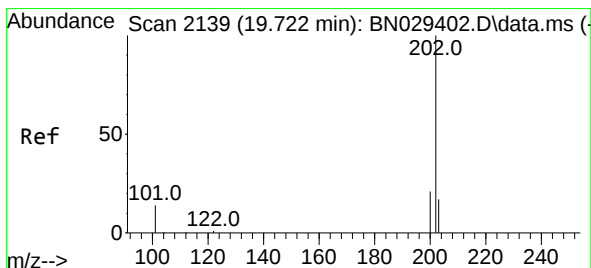
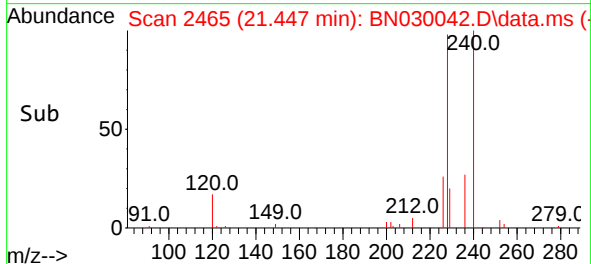
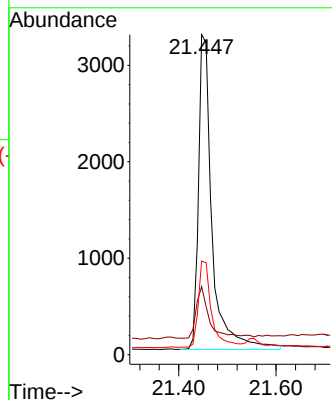
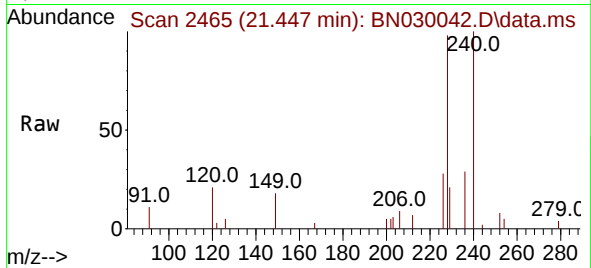




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.447 min Scan# 2465
Delta R.T. -0.009 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

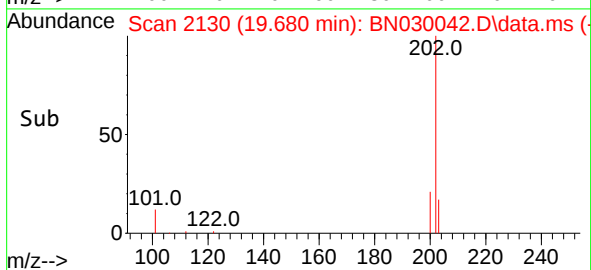
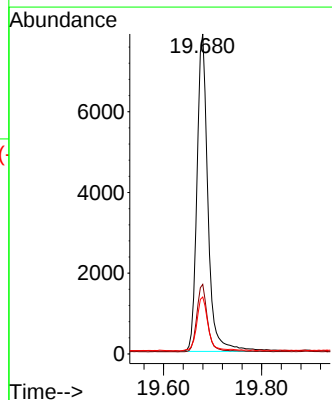
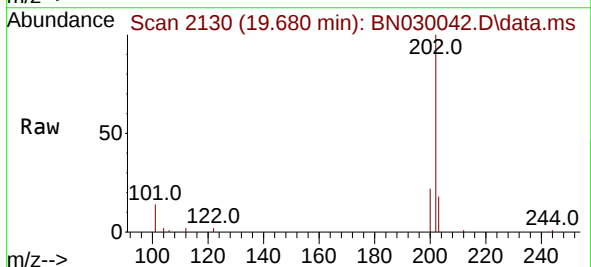
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD

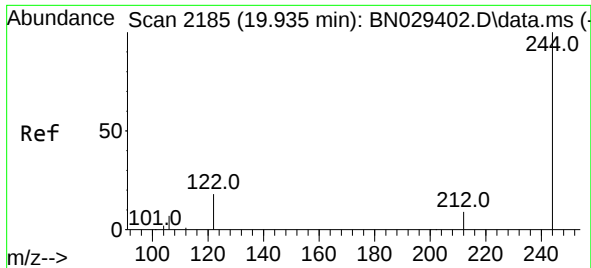
Tgt Ion:240 Resp: 6311
Ion Ratio Lower Upper
240 100
120 21.2 16.7 25.1
236 29.2 23.9 35.9



#30
Pyrene
Concen: 0.421 ng
RT: 19.680 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Tgt Ion:202 Resp: 12226
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 17.5 14.2 21.4

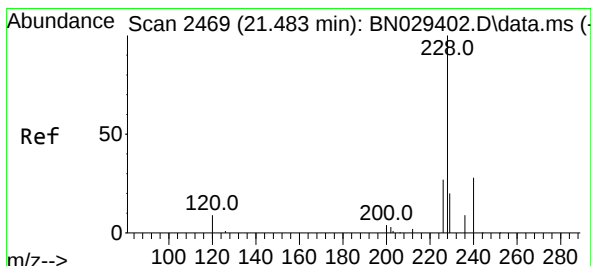
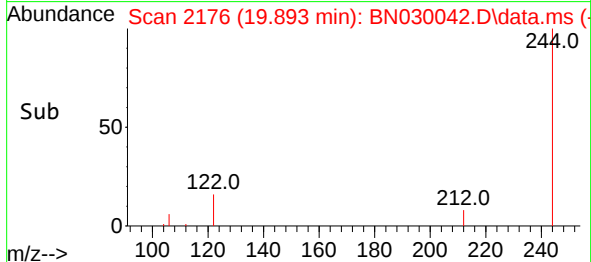
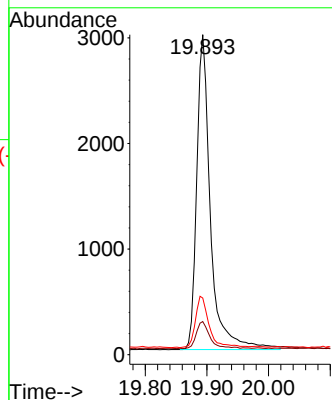
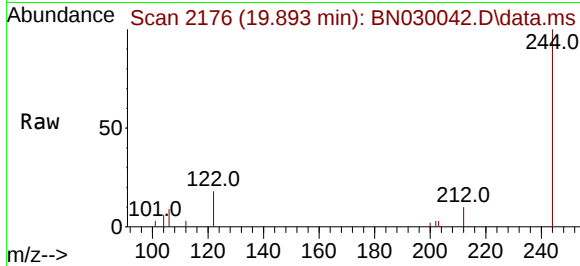




#31
 Terphenyl-d14
 Concen: 0.297 ng
 RT: 19.893 min Scan# 2185
 Delta R.T. -0.005 min
 Lab File: BN030042.D
 Acq: 25 Feb 2024 23:18

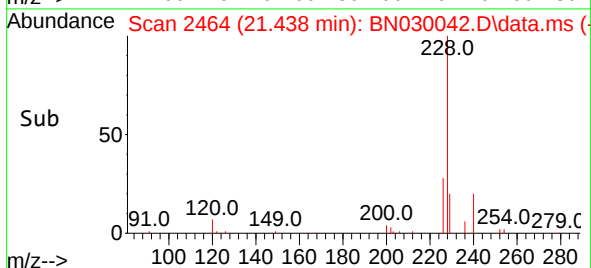
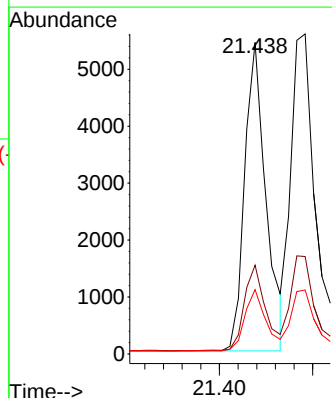
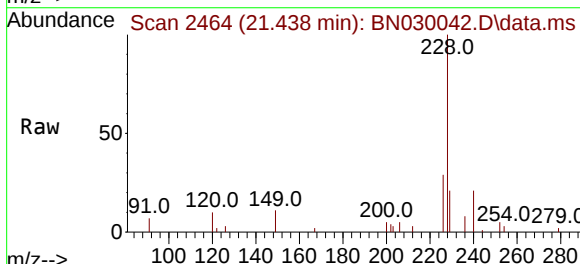
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-848-850MSD

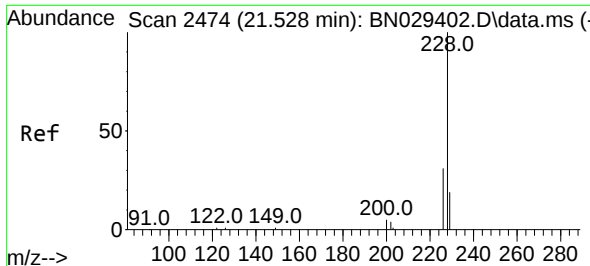
Tgt Ion:244 Resp: 4646
 Ion Ratio Lower Upper
 244 100
 212 10.3 8.2 12.4
 122 17.7 15.6 23.4



#32
 Benzo(a)anthracene
 Concen: 0.400 ng
 RT: 21.438 min Scan# 2464
 Delta R.T. 0.000 min
 Lab File: BN030042.D
 Acq: 25 Feb 2024 23:18

Tgt Ion:228 Resp: 8615
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.2 33.4
 229 20.6 16.5 24.7





#33

Chrysene

Concen: 0.408 ng

RT: 21.492 min Scan# 2457

Delta R.T. 0.000 min

Lab File: BN030042.D

Acq: 25 Feb 2024 23:18

Instrument :

BNA_N

ClientSampleId :

BP-VPB-191-GW-848-850MSD

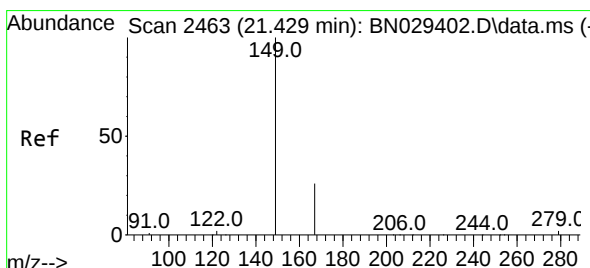
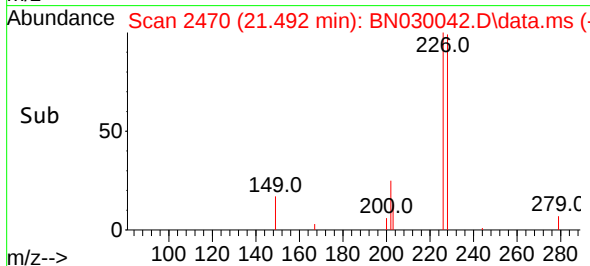
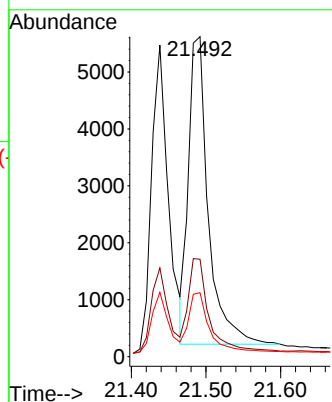
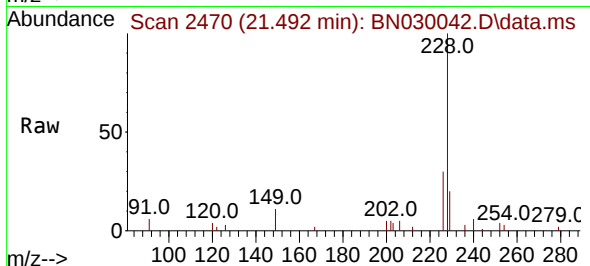
Tgt Ion:228 Resp: 9986

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

229 20.0 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.433 ng

RT: 21.375 min Scan# 2457

Delta R.T. -0.009 min

Lab File: BN030042.D

Acq: 25 Feb 2024 23:18

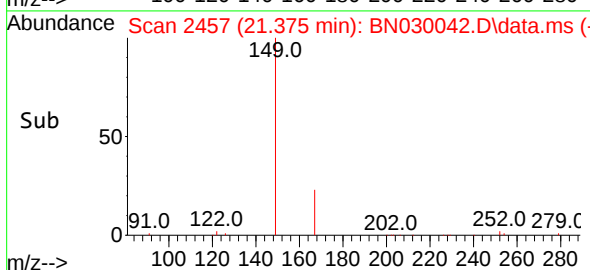
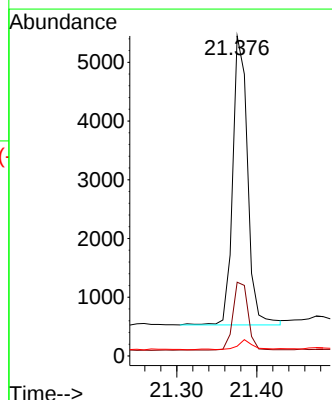
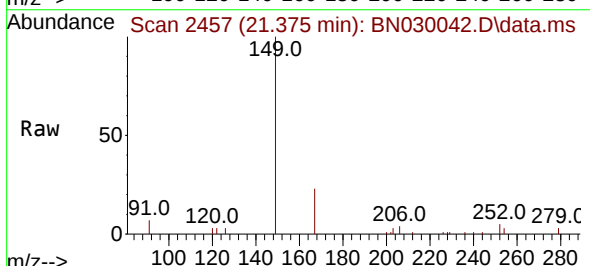
Tgt Ion:149 Resp: 6356

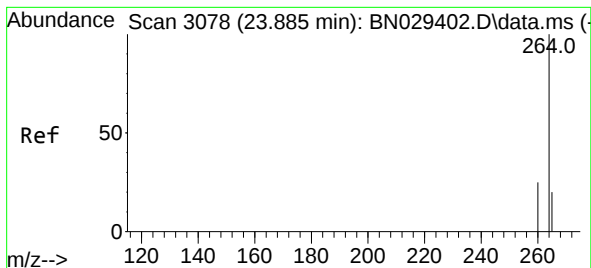
Ion Ratio Lower Upper

149 100

167 24.1 20.1 30.1

279 3.2 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.812 min Scan# 3078

Delta R.T. -0.009 min

Lab File: BN030042.D

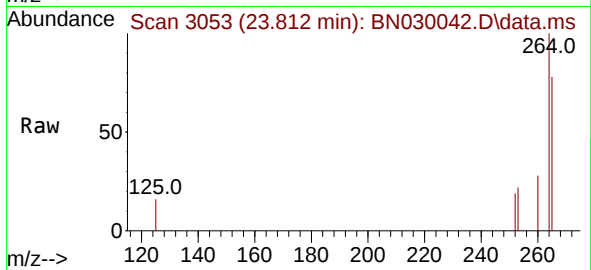
Acq: 25 Feb 2024 23:18

Instrument :

BNA_N

ClientSampleId :

BP-VPB-191-GW-848-850MSD



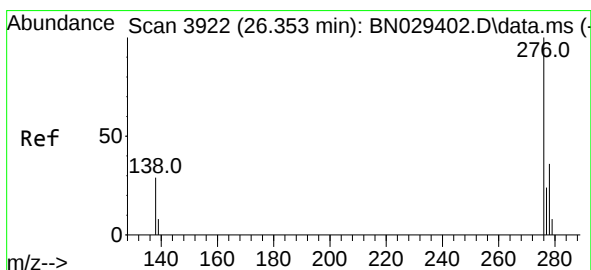
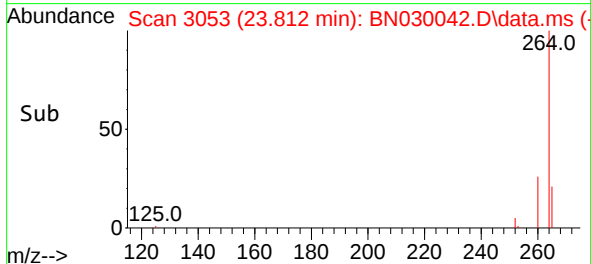
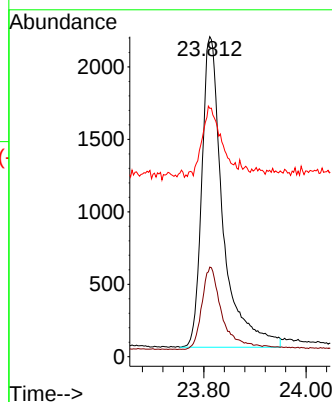
Tgt Ion:264 Resp: 6133

Ion Ratio Lower Upper

264 100

260 28.0 21.2 31.8

265 77.6 41.5 62.3#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.446 ng

RT: 26.253 min Scan# 3888

Delta R.T. -0.015 min

Lab File: BN030042.D

Acq: 25 Feb 2024 23:18

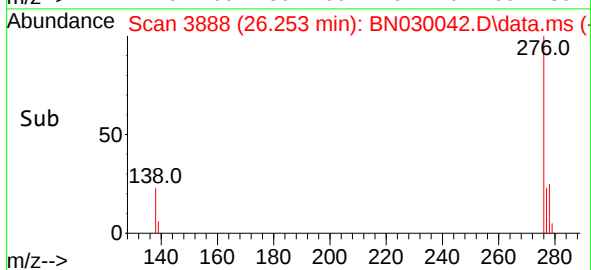
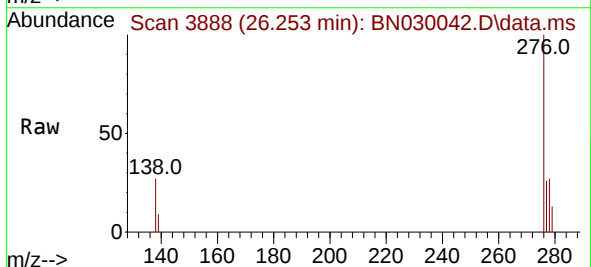
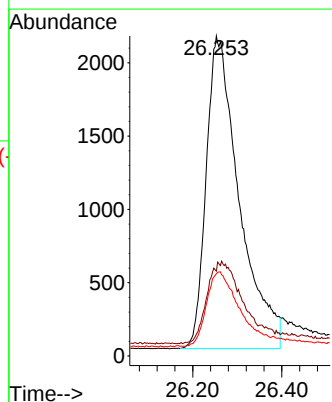
Tgt Ion:276 Resp: 10993

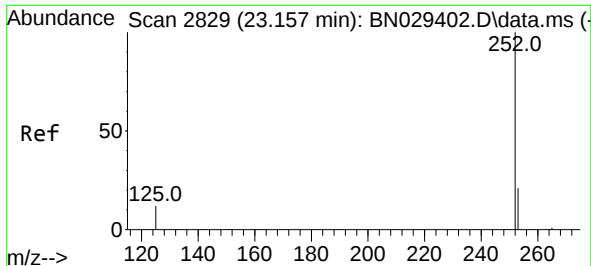
Ion Ratio Lower Upper

276 100

138 10.8 20.5 30.7#

277 23.9 17.0 25.4





#37

Benzo(b)fluoranthene

Concen: 0.417 ng

RT: 23.095 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN030042.D

Acq: 25 Feb 2024 23:18

Instrument :

BN030042.D

ClientSampleId :

BP-VPB-191-GW-848-850MSD

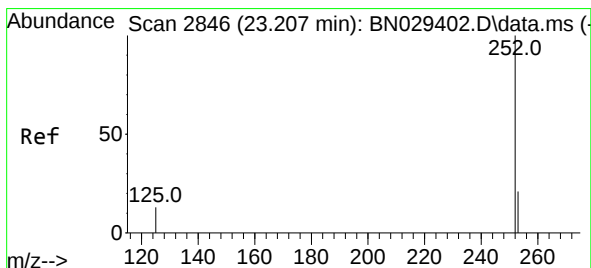
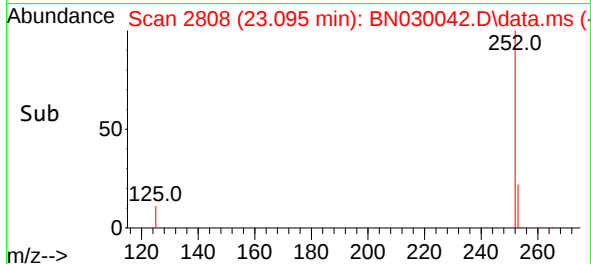
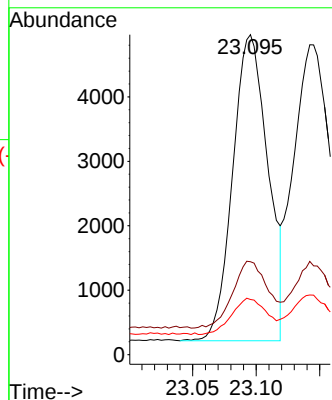
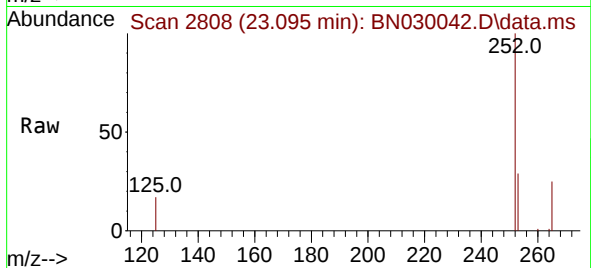
Tgt Ion:252 Resp: 9135

Ion Ratio Lower Upper

252 100

253 29.0 21.7 32.5

125 17.2 13.3 19.9



#38

Benzo(k)fluoranthene

Concen: 0.417 ng

RT: 23.142 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BN030042.D

Acq: 25 Feb 2024 23:18

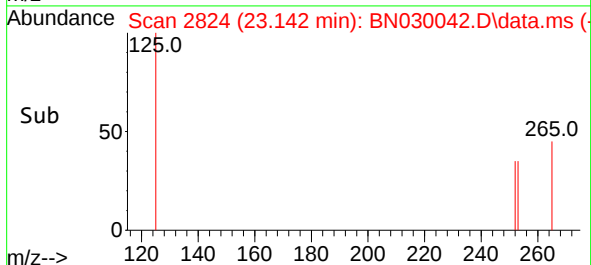
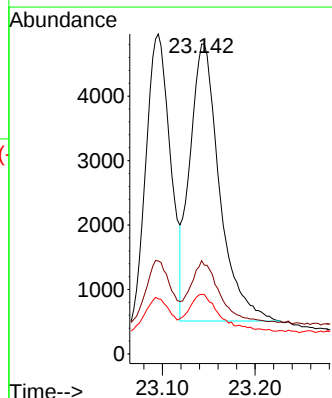
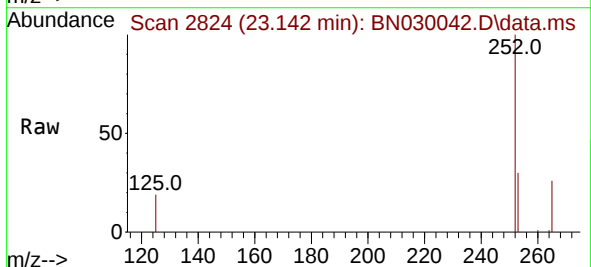
Tgt Ion:252 Resp: 9578

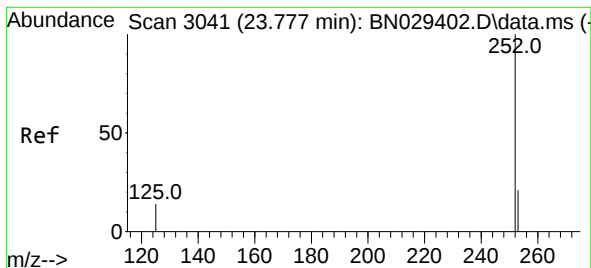
Ion Ratio Lower Upper

252 100

253 30.1 21.8 32.8

125 19.3 13.9 20.9





#39

Benzo(a)pyrene

Concen: 0.423 ng

RT: 23.706 min Scan# 3041

Delta R.T. -0.009 min

Lab File: BN030042.D

Acq: 25 Feb 2024 23:18

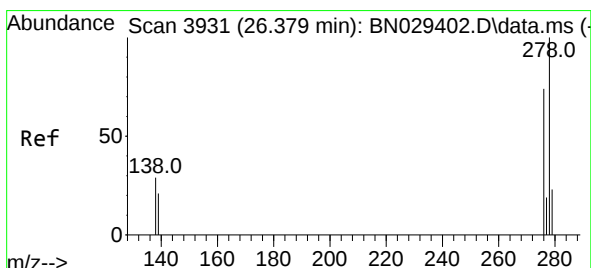
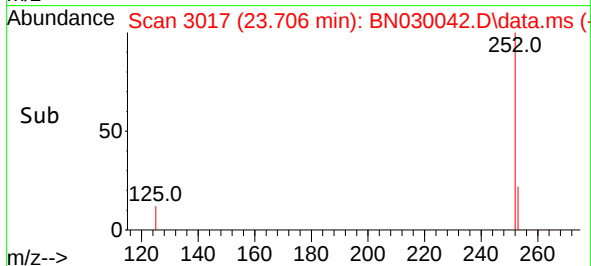
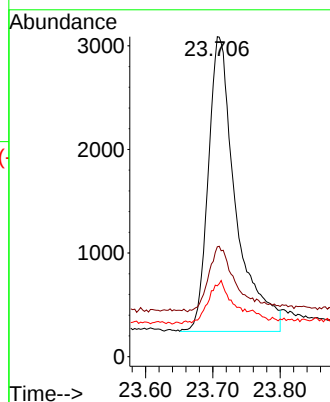
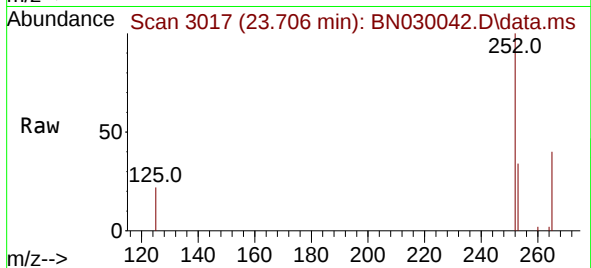
Instrument :

BNA_N

ClientSampleId :

BP-VPB-191-GW-848-850MSD

Tgt Ion:252	Resp:	8085
Ion Ratio	Lower	Upper
252	100	
253	34.3	24.9 37.3
125	22.2	16.6 25.0



#40

Dibenzo(a,h)anthracene

Concen: 0.430 ng

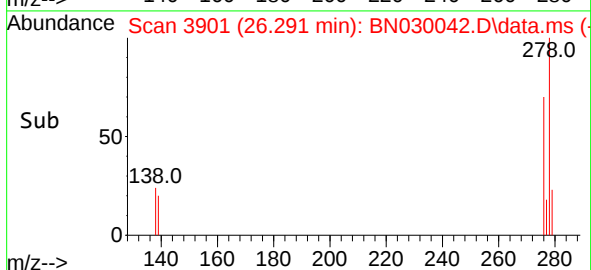
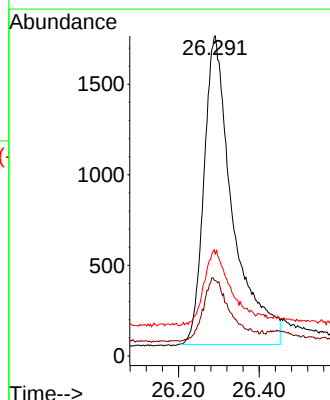
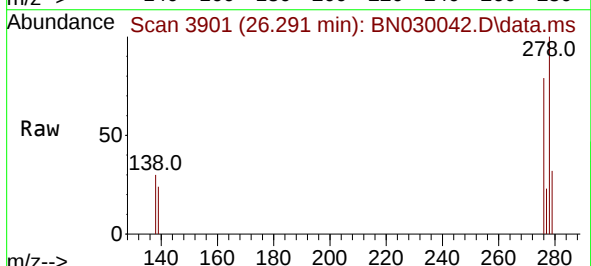
RT: 26.291 min Scan# 3901

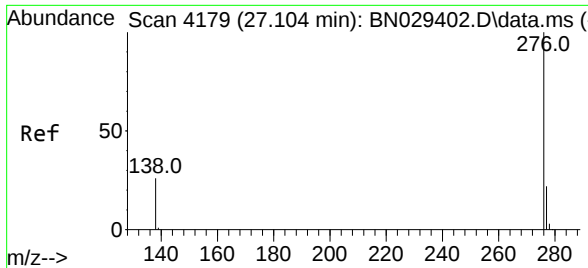
Delta R.T. -0.012 min

Lab File: BN030042.D

Acq: 25 Feb 2024 23:18

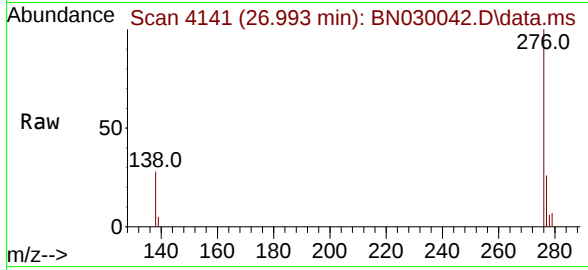
Tgt Ion:278	Resp:	8443
Ion Ratio	Lower	Upper
278	100	
139	23.6	20.4 30.6
279	31.9	25.0 37.6





#41
Benzo(g,h,i)perylene
Concen: 0.422 ng
RT: 26.993 min Scan# 41
Delta R.T. -0.015 min
Lab File: BN030042.D
Acq: 25 Feb 2024 23:18

Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-848-850MSD



Tgt Ion:	276	Resp:	10098
Ion Ratio	Lower	Upper	
276	100		
277	25.6	19.4	29.2
138	28.5	23.5	35.3

