

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040523\
 Data File : BN024765.D
 Acq On : 05 Apr 2023 11:33
 Operator : CG/JU
 Sample : 01950-05DL 50X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Apr 05 12:04:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 05 11:04:25 2023
 Response via : Initial Calibration

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

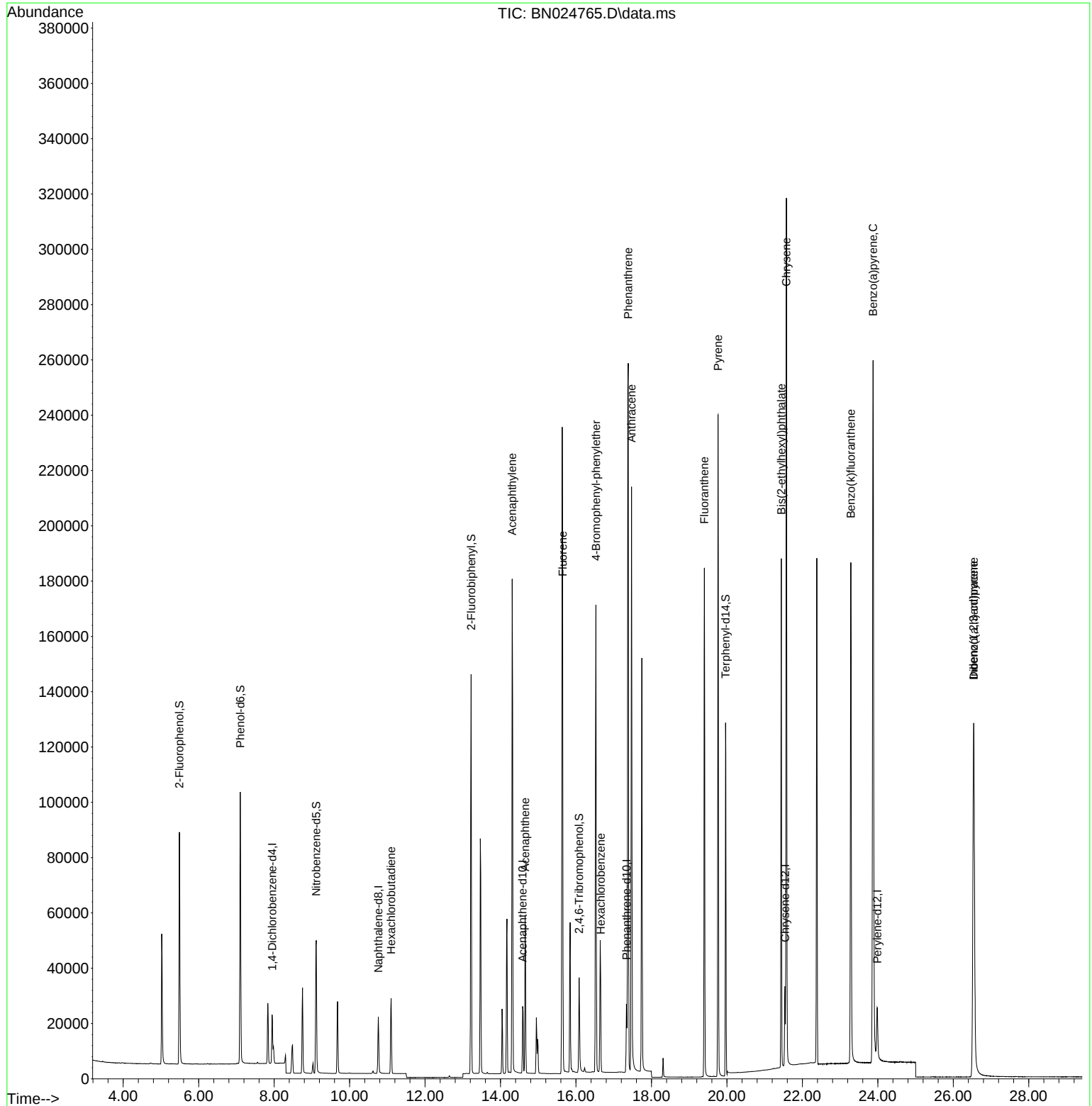
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	8540	0.400	ng	0.00
7) Naphthalene-d8	10.760	136	25291	0.400	ng	# 0.00
13) Acenaphthene-d10	14.587	164	14469	0.400	ng	0.00
19) Phenanthrene-d10	17.335	188	31564	0.400	ng	0.00
29) Chrysene-d12	21.539	240	27395	0.400	ng	0.01
35) Perylene-d12	23.984	264	27285	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.491	112	63166	3.203	ng	0.00
5) Phenol-d6	7.102	99	82173	3.304	ng	0.00
8) Nitrobenzene-d5	9.116	82	39836	1.954	ng	0.00
11) 2-Methylnaphthalene-d10	12.354	152	1	0.000	ng	0.00
14) 2,4,6-Tribromophenol	16.082	330	20070	3.085	ng	-0.02
15) 2-Fluorobiphenyl	13.218	172	119043	2.154	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.966	244	180479	2.906	ng	0.00
Target Compounds						
						Qvalue
10) Hexachlorobutadiene	11.102	225	22304	1.798	ng	# 99
16) Acenaphthylene	14.309	152	190752	3.136	ng	99
17) Acenaphthene	14.651	154	27043	0.657	ng	99
18) Fluorene	15.645	166	86127	1.525	ng	98
21) 4-Bromophenyl-phenylether	16.529	248	62299	3.351	ng	99
22) Hexachlorobenzene	16.653	284	36781	1.746	ng	99
25) Phenanthrene	17.385	178	300432	3.278	ng	100
26) Anthracene	17.472	178	214108	2.680	ng	100
28) Fluoranthene	19.401	202	162448	1.561	ng	99
30) Pyrene	19.768	202	211547	2.172	ng	99
33) Chrysene	21.575	228	250612	2.583	ng	99
34) Bis(2-ethylhexyl)phtha...	21.441	149	156301	3.141	ng	100
36) Indeno(1,2,3-cd)pyrene	26.536	276	52693	0.440	ng	# 66
38) Benzo(k)fluoranthene	23.282	252	245021	2.389	ng	94
39) Benzo(a)pyrene	23.873	252	395954	4.001	ng	# 84
40) Dibenzo(a,h)anthracene	26.542	278	221971	2.358	ng	96

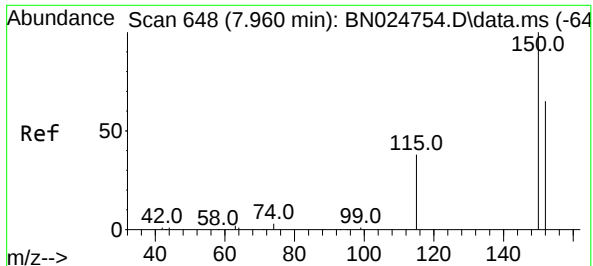
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040523\
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Instrument :
BNA_N
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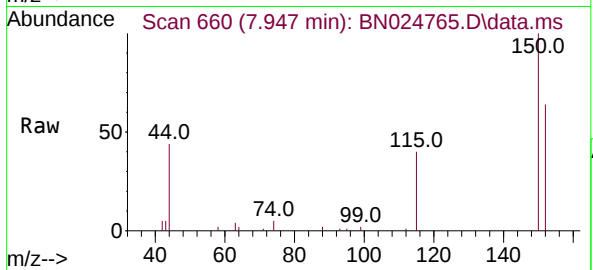
Quant Time: Apr 05 12:04:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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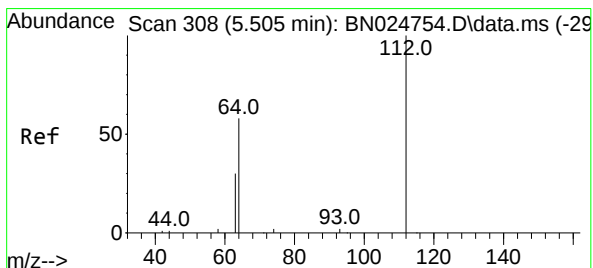
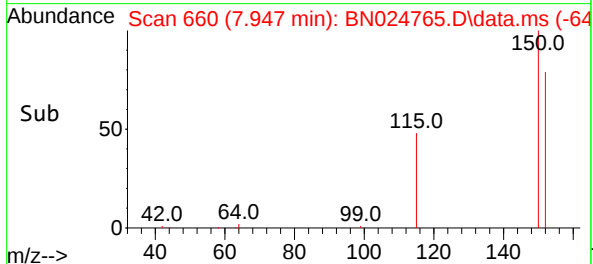
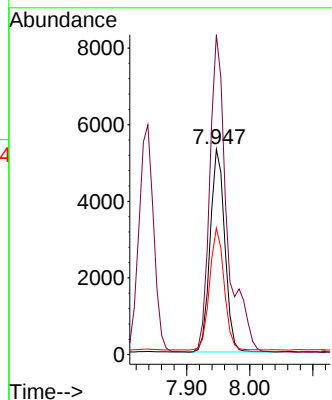


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.947 min Scan# 60
Delta R.T. -0.006 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

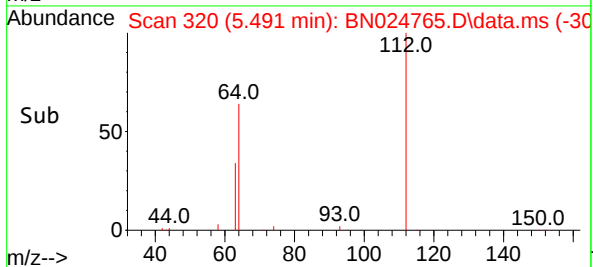
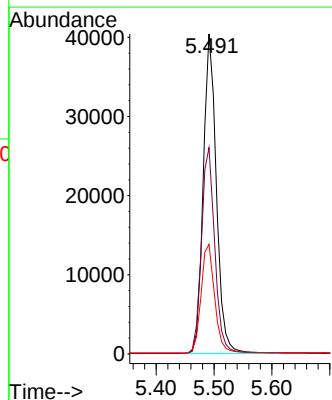
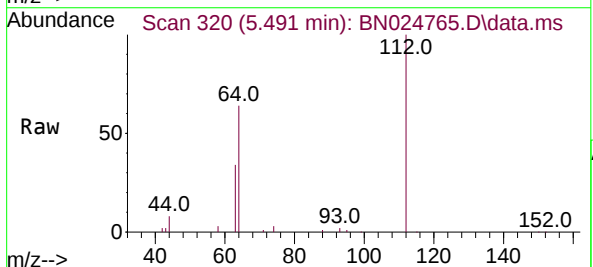


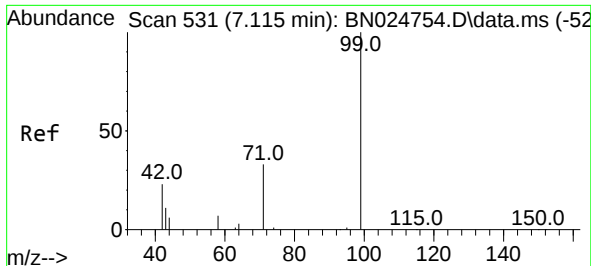
Tgt Ion:152 Resp: 8540
Ion Ratio Lower Upper
152 100
150 155.8 121.8 182.8
115 61.6 48.3 72.5



#4
2-Fluorophenol
Concen: 3.203 ng
RT: 5.491 min Scan# 320
Delta R.T. -0.006 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

Tgt Ion:112 Resp: 63166
Ion Ratio Lower Upper
112 100
64 65.8 52.5 78.7
63 35.1 27.9 41.9

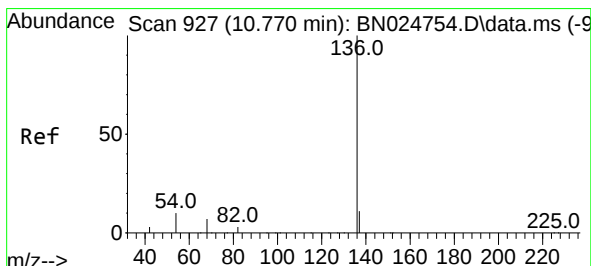
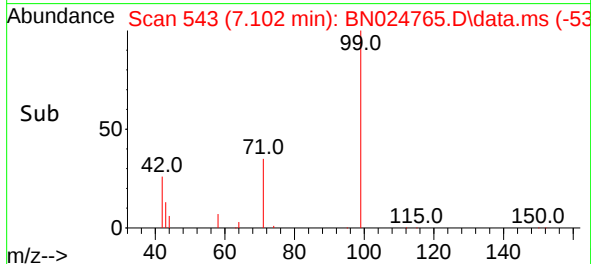
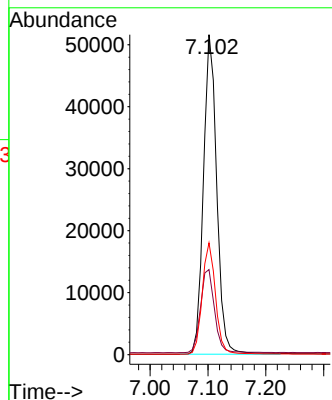
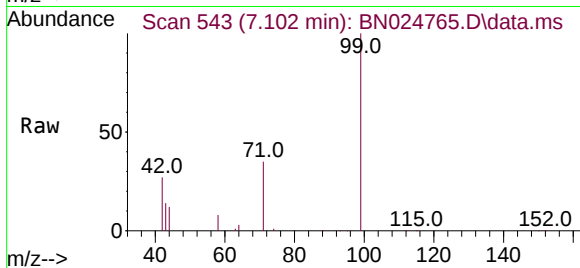




#5
Phenol-d6
Concen: 3.304 ng
RT: 7.102 min Scan# 54
Delta R.T. -0.006 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

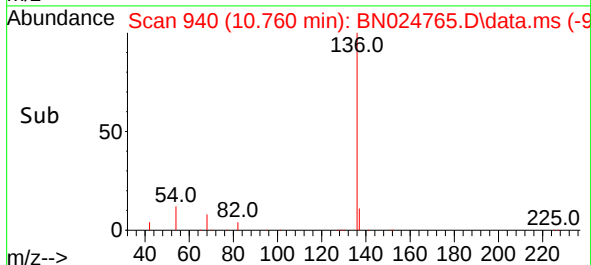
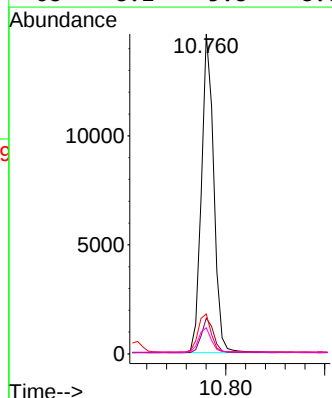
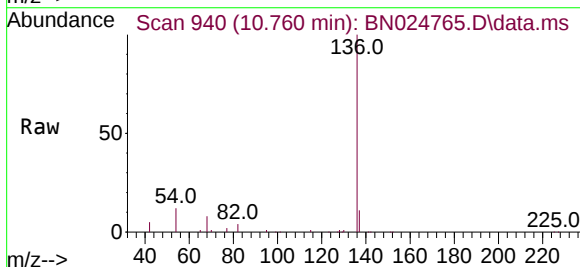
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

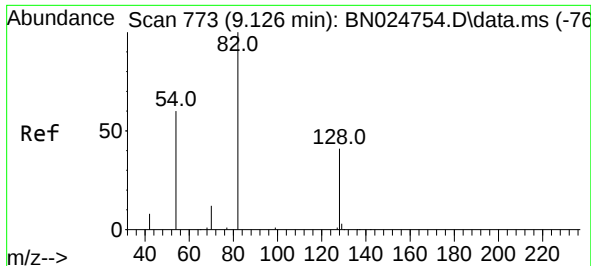
Tgt Ion: 99 Resp: 82173
Ion Ratio Lower Upper
99 100
42 27.2 22.8 34.2
71 34.8 28.2 42.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.760 min Scan# 940
Delta R.T. 0.001 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

Tgt Ion: 136 Resp: 25291
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 12.5 8.2 12.4#
68 8.2 5.8 8.6

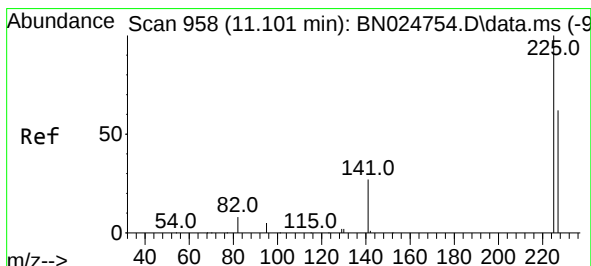
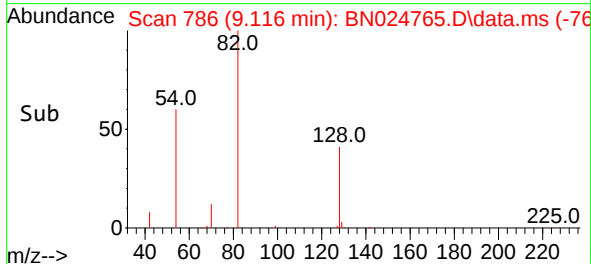
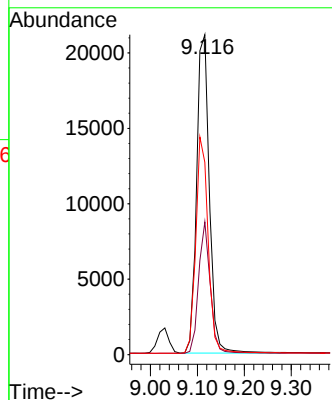
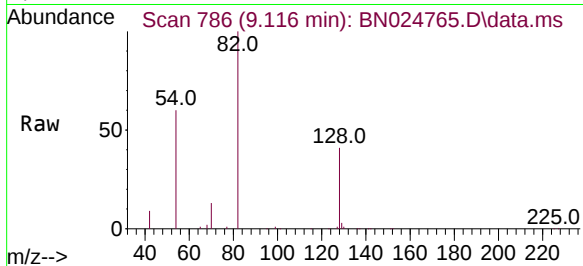




#8
Nitrobenzene-d5
Concen: 1.954 ng
RT: 9.116 min Scan# 71
Delta R.T. 0.001 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

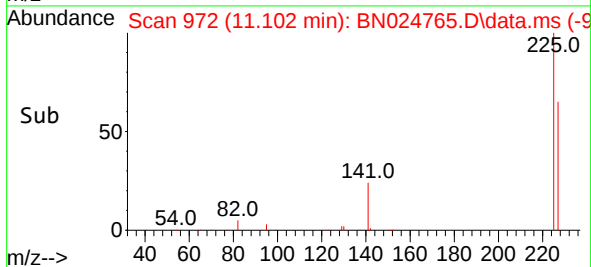
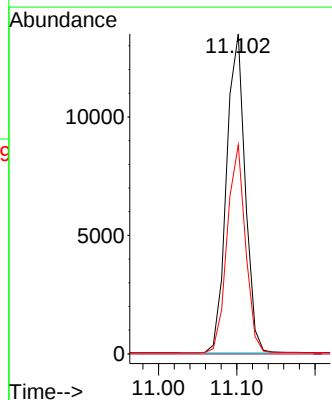
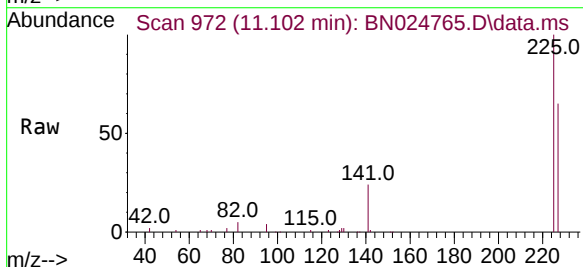
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

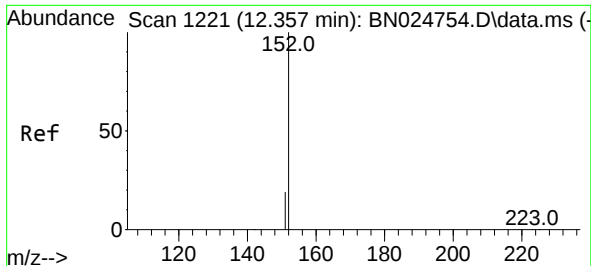
Tgt Ion: 82 Resp: 39836
Ion Ratio Lower Upper
82 100
128 41.5 33.8 50.6
54 60.1 49.4 74.0



#10
Hexachlorobutadiene
Concen: 1.798 ng
RT: 11.102 min Scan# 972
Delta R.T. 0.001 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

Tgt Ion: 225 Resp: 22304
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.7 50.5 75.7

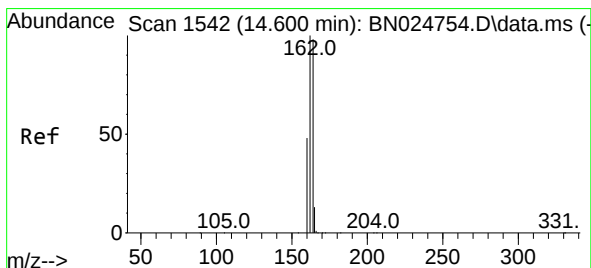
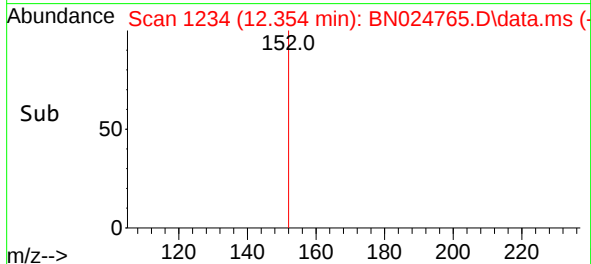
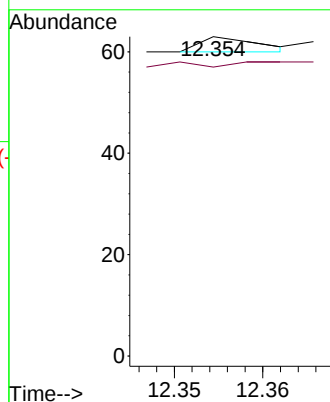
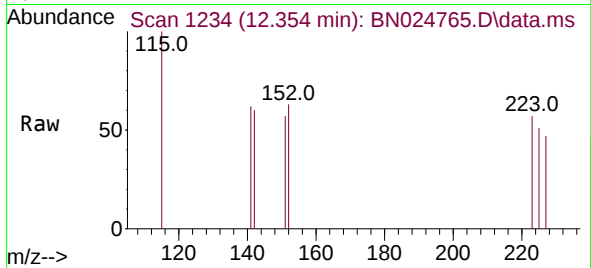




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.354 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

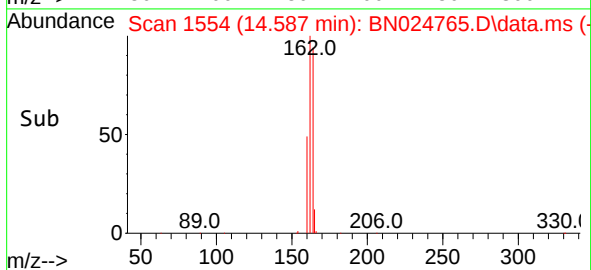
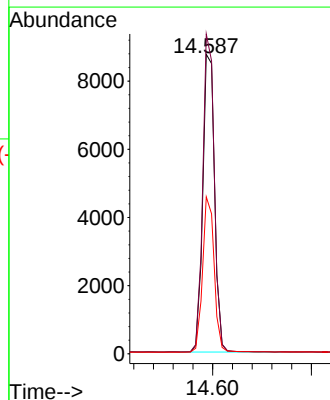
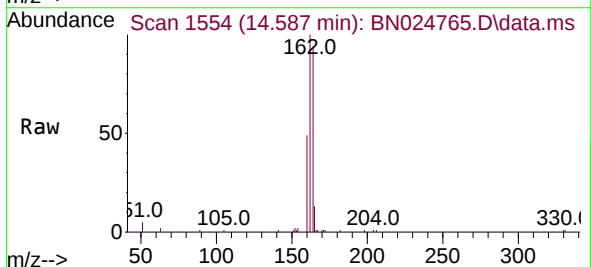
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

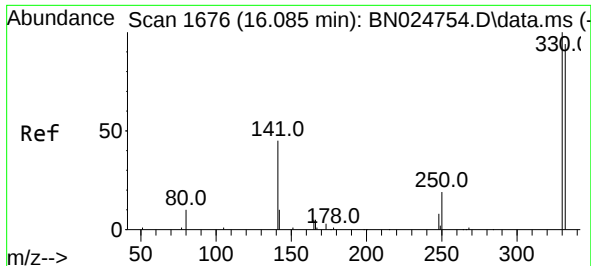
Tgt Ion:152 Resp: 1
Ion Ratio Lower Upper
152 100
151 200.0 16.6 25.0#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.587 min Scan# 1554
Delta R.T. -0.003 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

Tgt Ion:164 Resp: 14469
Ion Ratio Lower Upper
164 100
162 106.8 81.9 122.9
160 52.4 39.2 58.8

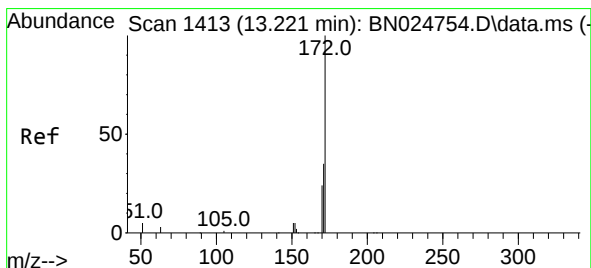
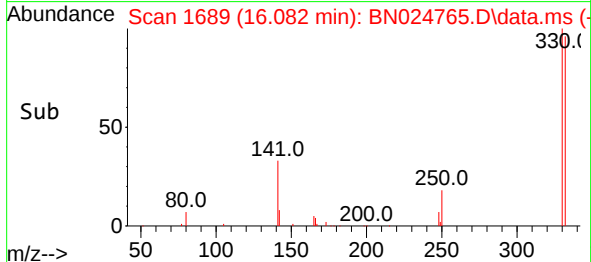
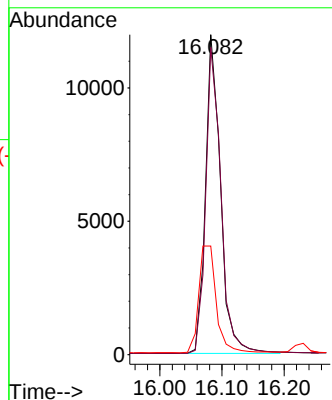
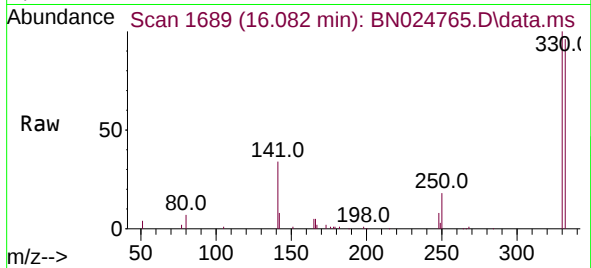




#14
2,4,6-Tribromophenol
Concen: 3.085 ng
RT: 16.082 min Scan# 1689
Delta R.T. -0.015 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

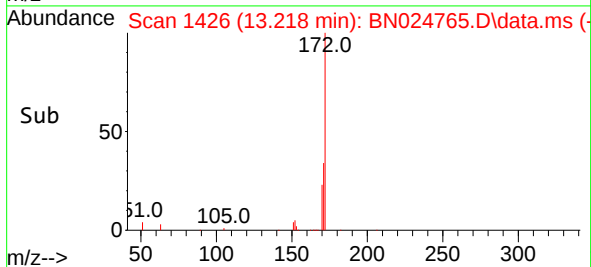
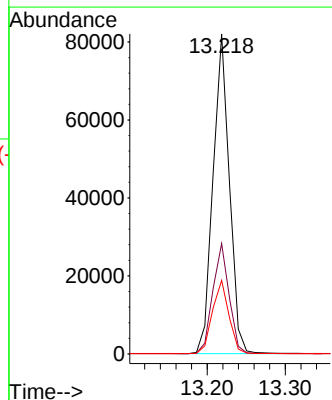
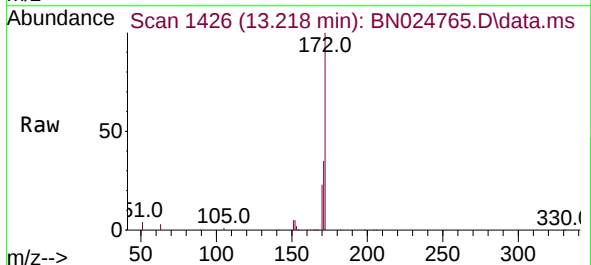
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BNA_N
ClientSampleId :
PT-BN-WPDL

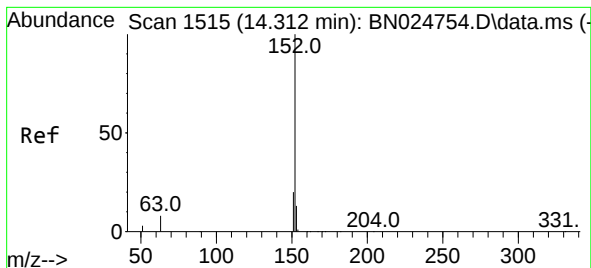
Tgt Ion: 330 Resp: 20070
Ion Ratio Lower Upper
330 100
332 97.5 77.9 116.9
141 39.0 31.0 46.6



#15
2-Fluorobiphenyl
Concen: 2.154 ng
RT: 13.218 min Scan# 1426
Delta R.T. -0.003 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

Tgt Ion: 172 Resp: 119043
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.0 19.2 28.8





#16

Acenaphthylene

Concen: 3.136 ng

RT: 14.309 min Scan# 1515

Delta R.T. -0.003 min

Lab File: BN024765.D

Acq: 05 Apr 2023 11:33

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

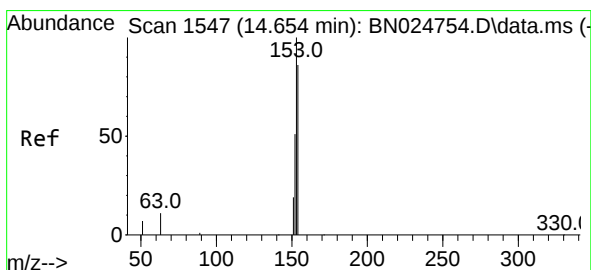
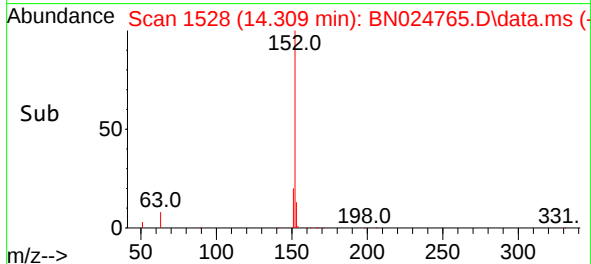
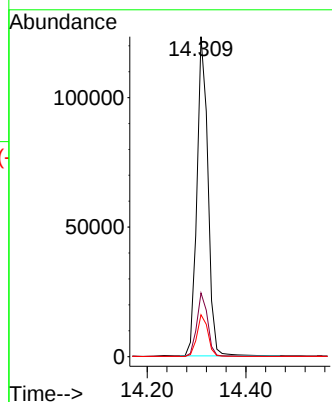
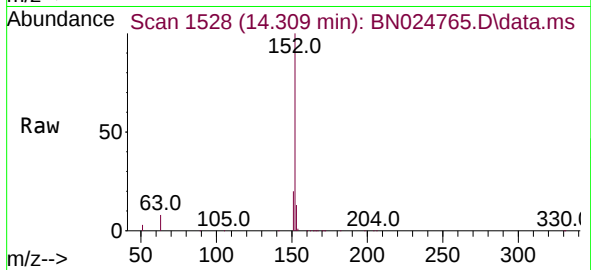
Tgt Ion:152 Resp: 190752

Ion Ratio Lower Upper

152 100

151 19.6 15.3 22.9

153 13.0 10.3 15.5



#17

Acenaphthene

Concen: 0.657 ng

RT: 14.651 min Scan# 1560

Delta R.T. -0.003 min

Lab File: BN024765.D

Acq: 05 Apr 2023 11:33

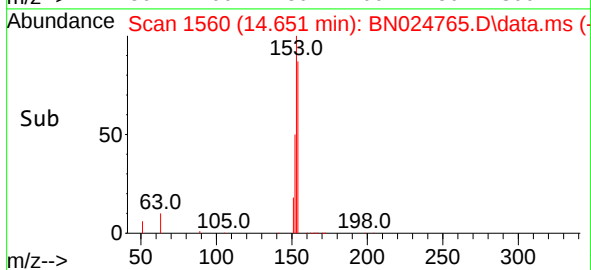
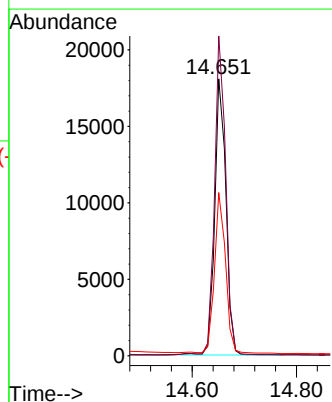
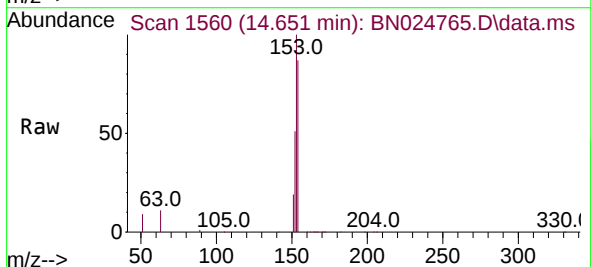
Tgt Ion:154 Resp: 27043

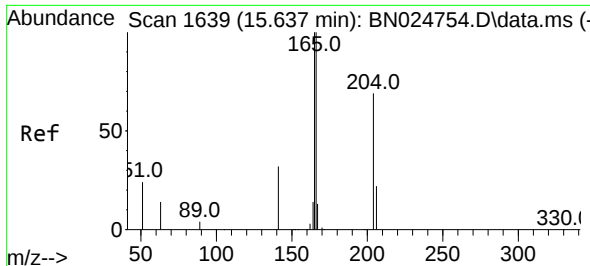
Ion Ratio Lower Upper

154 100

153 114.2 92.2 138.4

152 58.2 47.1 70.7

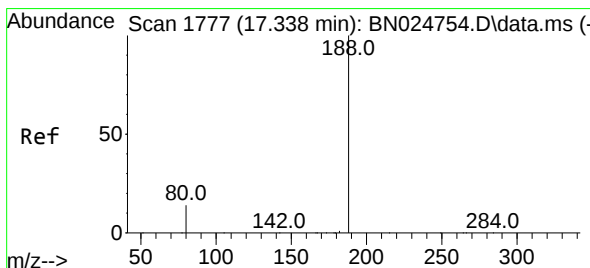
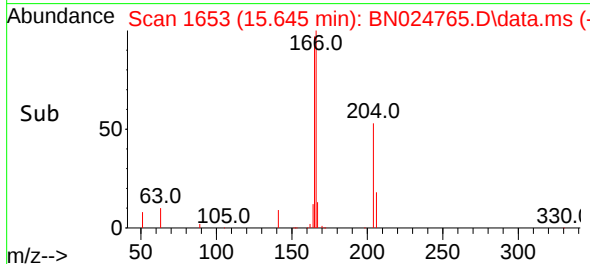
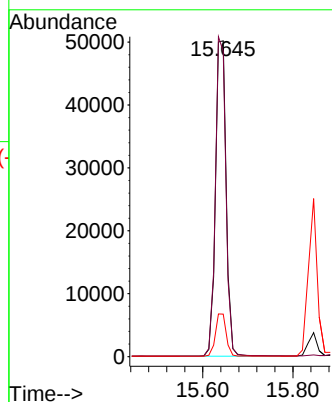
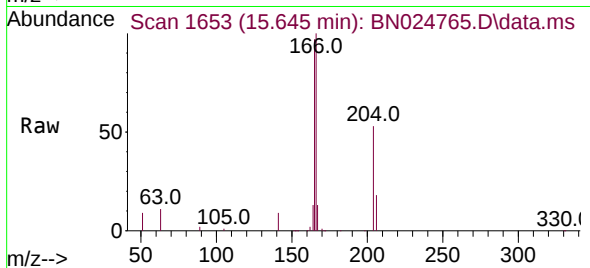




#18
 Fluorene
 Concen: 1.525 ng
 RT: 15.645 min Scan# 1653
 Delta R.T. 0.008 min
 Lab File: BN024765.D
 Acq: 05 Apr 2023 11:33

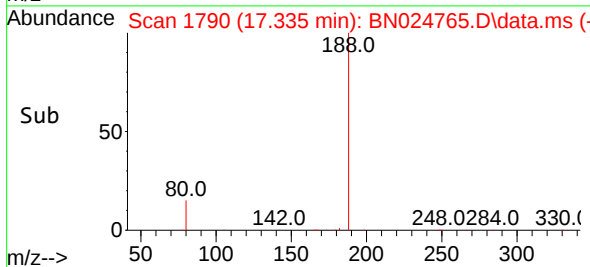
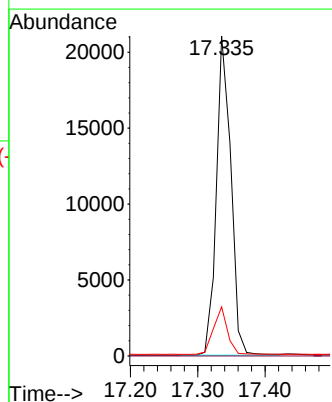
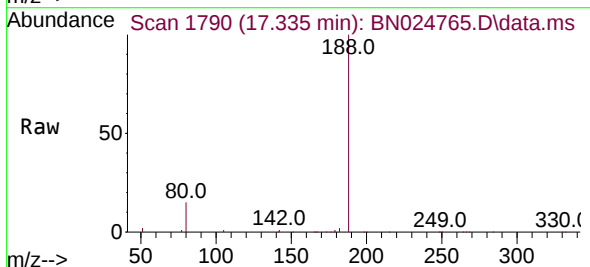
Instrument :
 BNA_N
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 PT-BN-WPDL

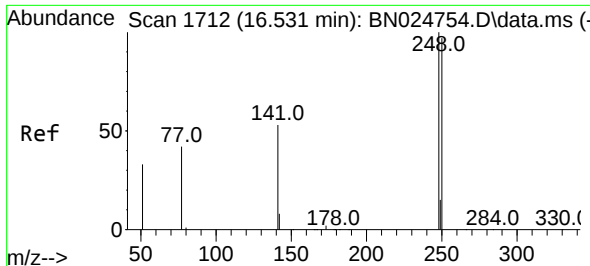
Tgt Ion:166 Resp: 86127
 Ion Ratio Lower Upper
 166 100
 165 100.5 78.3 117.5
 167 13.4 10.4 15.6



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.335 min Scan# 1790
 Delta R.T. -0.003 min
 Lab File: BN024765.D
 Acq: 05 Apr 2023 11:33

Tgt Ion:188 Resp: 31564
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 15.3 11.3 16.9

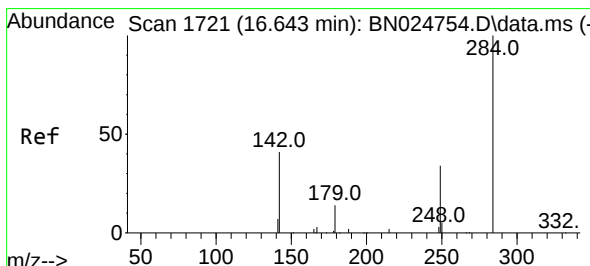
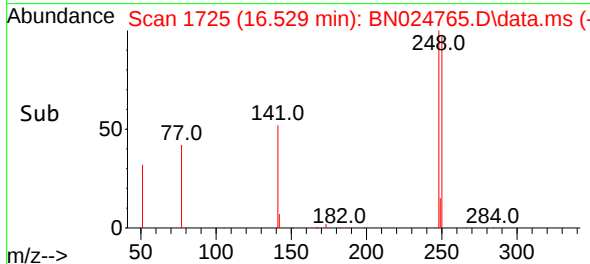
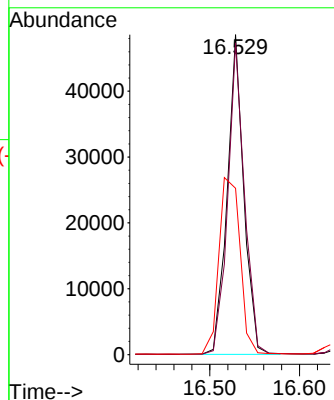
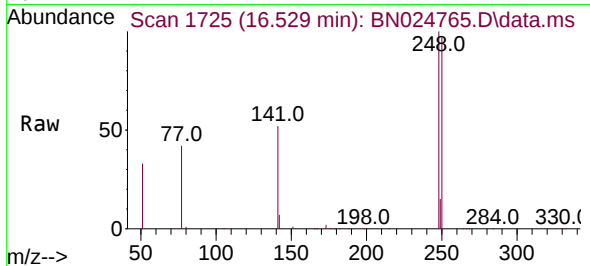




#21
4-Bromophenyl-phenylether
Concen: 3.351 ng
RT: 16.529 min Scan# 1712
Delta R.T. -0.003 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

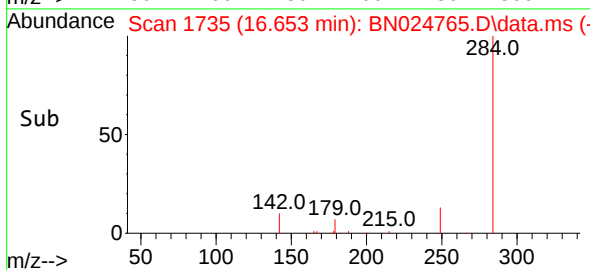
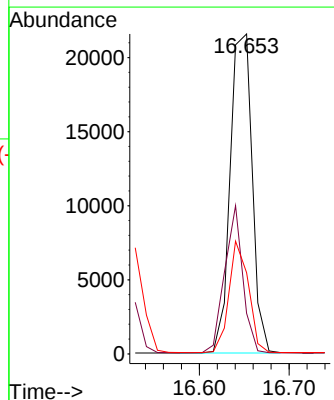
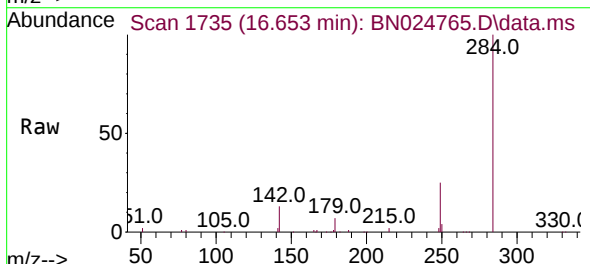
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

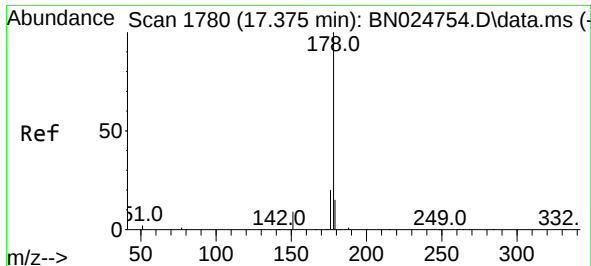
Tgt Ion:248 Resp: 62299
Ion Ratio Lower Upper
248 100
250 97.4 77.7 116.5
141 52.0 43.4 65.2



#22
Hexachlorobenzene
Concen: 1.746 ng
RT: 16.653 min Scan# 1735
Delta R.T. 0.010 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

Tgt Ion:284 Resp: 36781
Ion Ratio Lower Upper
284 100
142 37.9 29.6 44.4
249 31.0 24.6 37.0

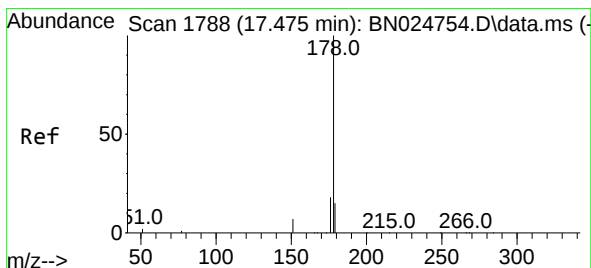
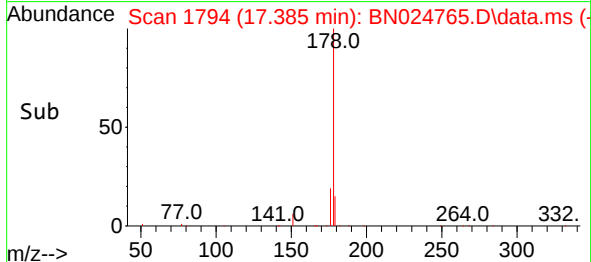
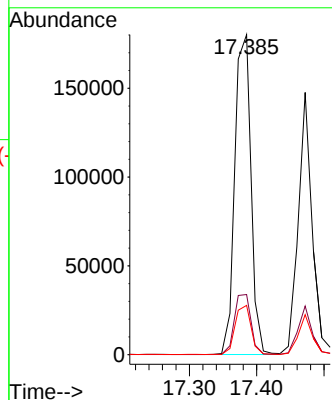
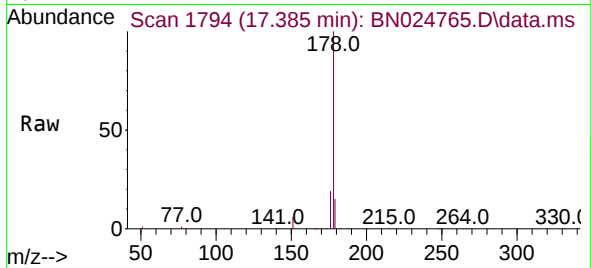




#25
Phenanthrene
Concen: 3.278 ng
RT: 17.385 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

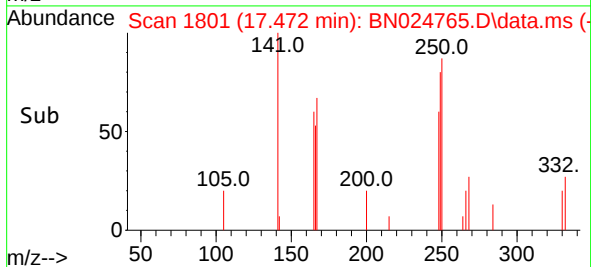
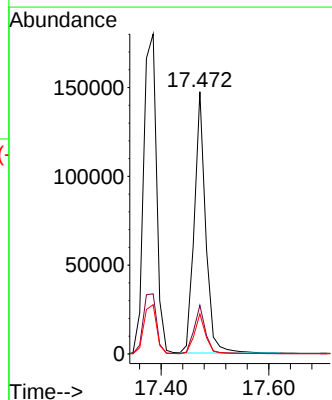
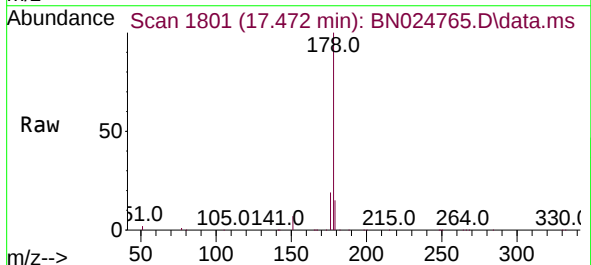
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

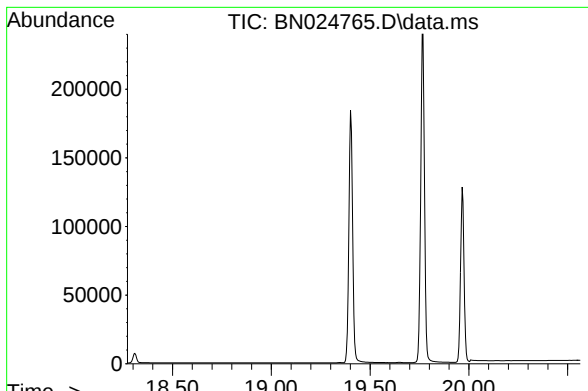
Tgt Ion:178 Resp: 300432
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.2 12.2 18.2



#26
Anthracene
Concen: 2.680 ng
RT: 17.472 min Scan# 1801
Delta R.T. -0.003 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

Tgt Ion:178 Resp: 214108
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.1 12.4 18.6

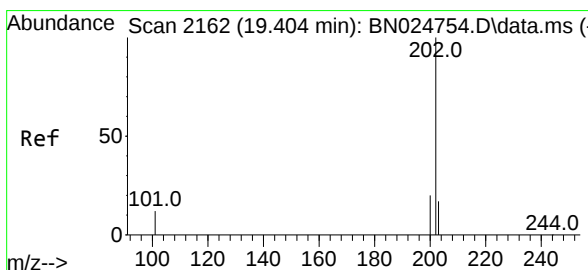
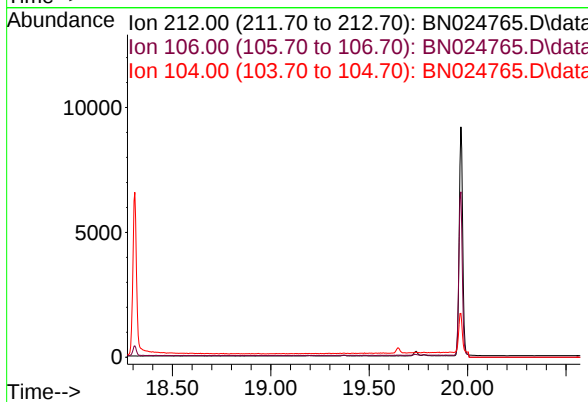




#27
 Fluoranthene-d10
 Concen: 0.000 ng
 Expected RT: 19.37 min
 Lab File: BN024765.D
 Acq: 05 Apr 2023 11:33

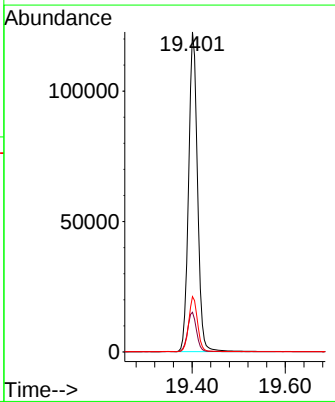
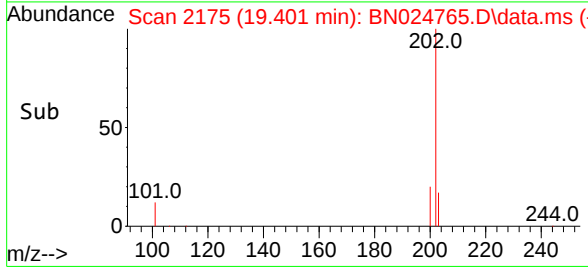
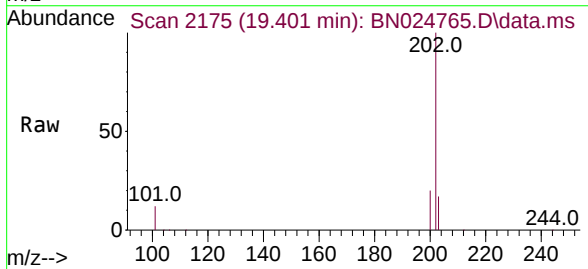
Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

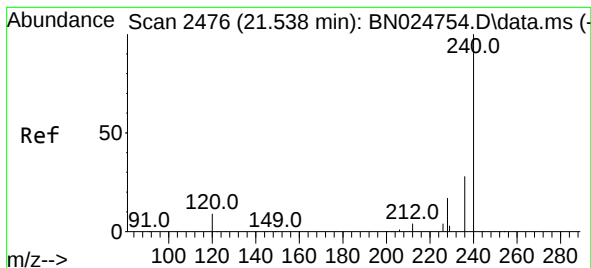
Tgt Ion: 212
 Sig Exp Ratio
 212 100
 106 16.5
 104 9.5



#28
 Fluoranthene
 Concen: 1.561 ng
 RT: 19.401 min Scan# 2175
 Delta R.T. 0.001 min
 Lab File: BN024765.D
 Acq: 05 Apr 2023 11:33

Tgt Ion: 202 Resp: 162448
 Ion Ratio Lower Upper
 202 100
 101 12.4 10.2 15.4
 203 17.0 13.4 20.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.539 min Scan# 2476

Delta R.T. 0.010 min

Lab File: BN024765.D

Acq: 05 Apr 2023 11:33

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

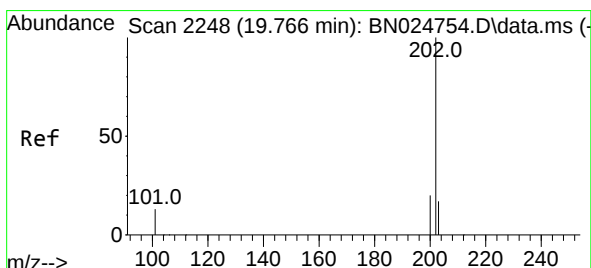
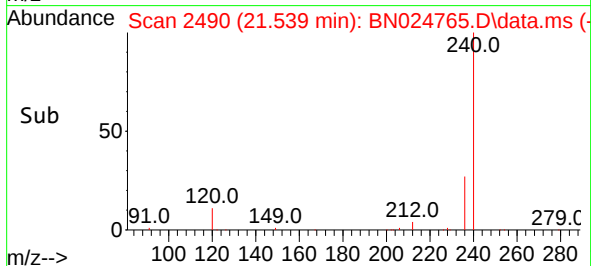
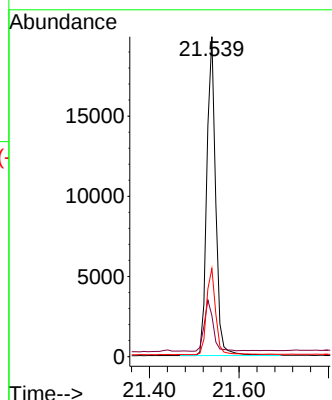
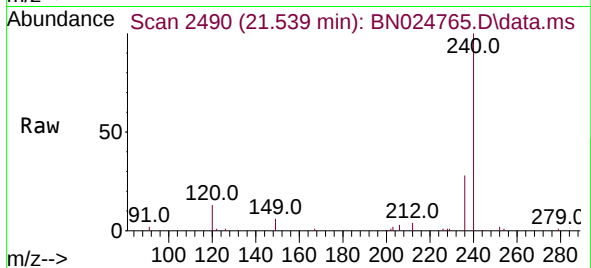
Tgt Ion:240 Resp: 27395

Ion Ratio Lower Upper

240 100

120 12.8 8.8 13.2

236 27.5 22.6 34.0



#30

Pyrene

Concen: 2.172 ng

RT: 19.768 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BN024765.D

Acq: 05 Apr 2023 11:33

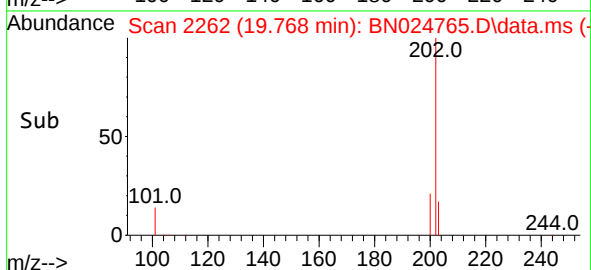
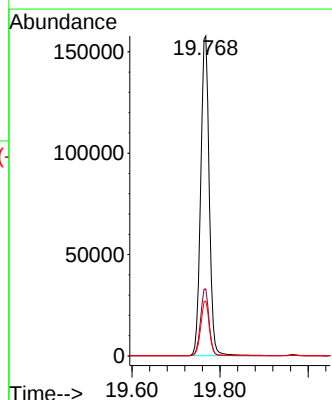
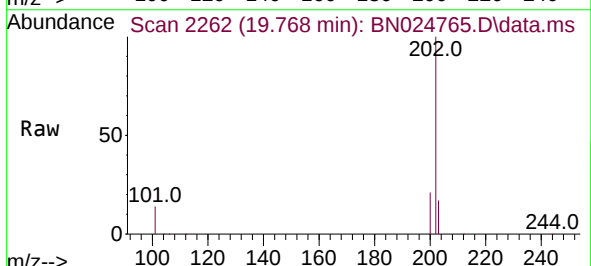
Tgt Ion:202 Resp: 211547

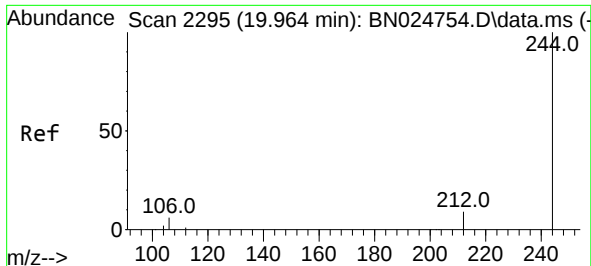
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.2 14.2 21.4

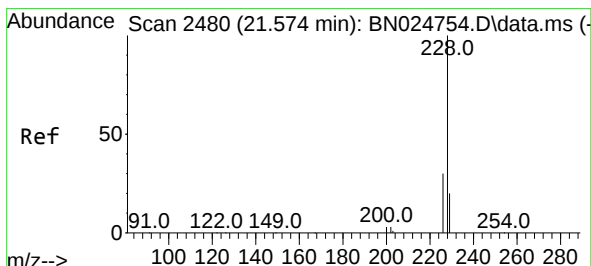
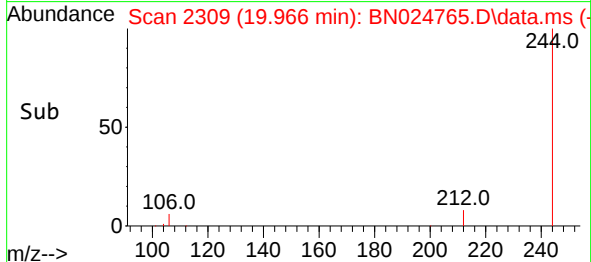
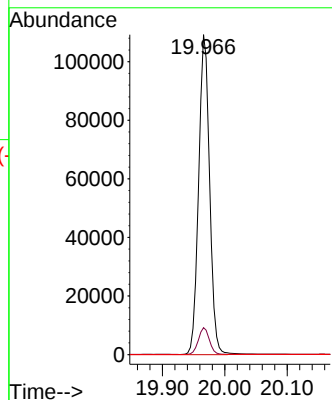
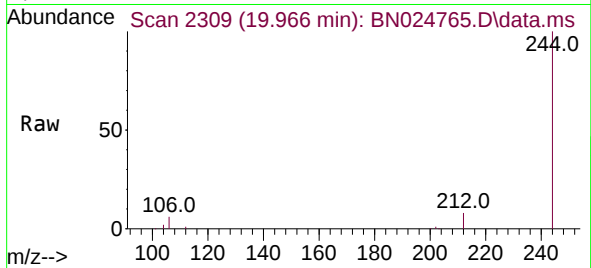




#31
 Terphenyl-d14
 Concen: 2.906 ng
 RT: 19.966 min Scan# 241
 Delta R.T. 0.001 min
 Lab File: BN024765.D
 Acq: 05 Apr 2023 11:33

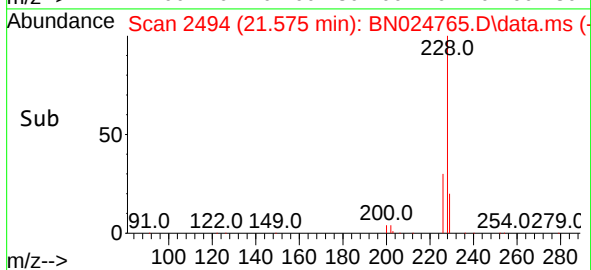
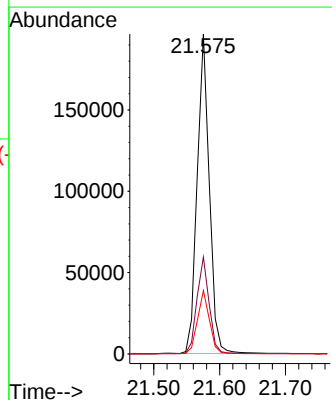
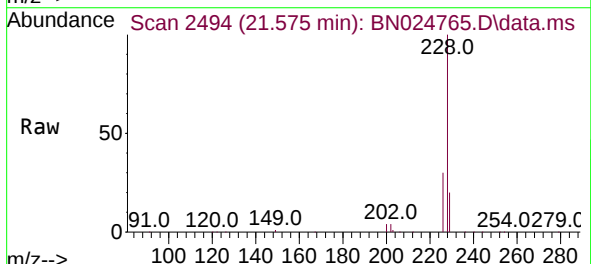
Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

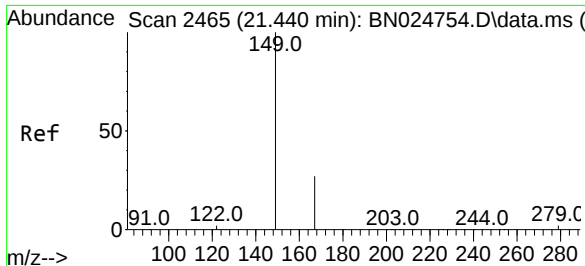
Tgt Ion:244 Resp: 180479
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.4 11.0
 122 0.0 0.0 0.0



#33
 Chrysene
 Concen: 2.583 ng
 RT: 21.575 min Scan# 2494
 Delta R.T. 0.010 min
 Lab File: BN024765.D
 Acq: 05 Apr 2023 11:33

Tgt Ion:228 Resp: 250612
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.9 35.9
 229 19.8 16.0 24.0





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 3.141 ng
 RT: 21.441 min Scan# 2465
 Delta R.T. 0.010 min
 Lab File: BN024765.D
 Acq: 05 Apr 2023 11:33

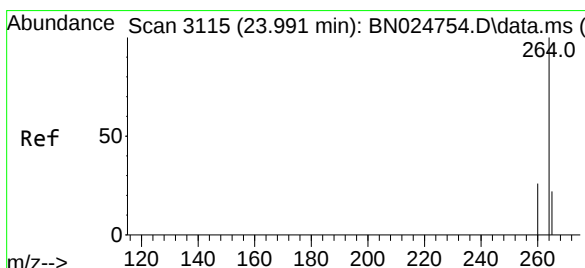
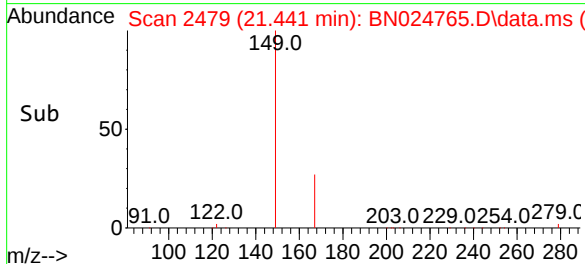
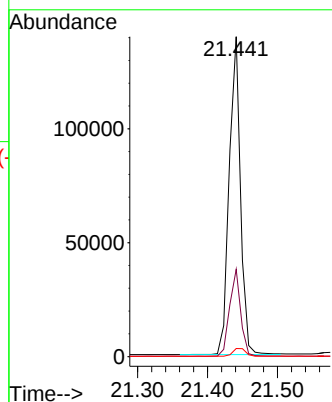
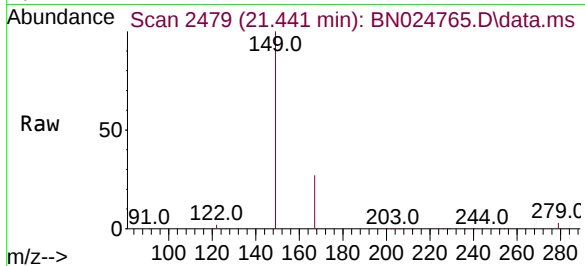
Instrument :

BNA_N

ClientSampleId :

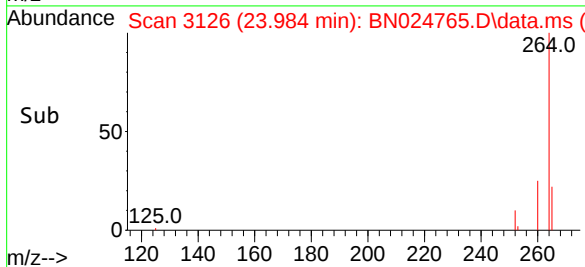
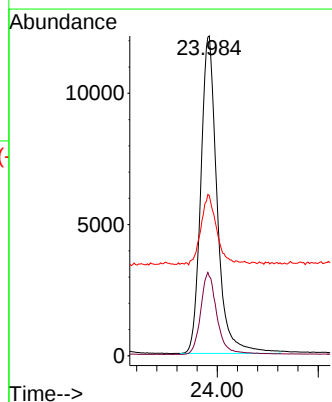
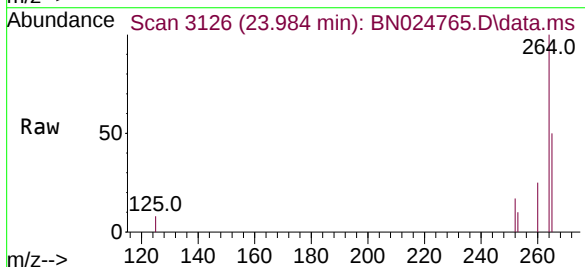
PT-BN-WPDL

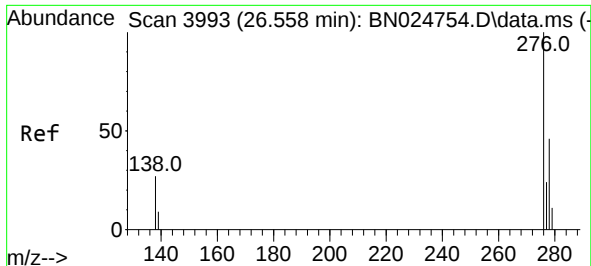
Tgt Ion:149 Resp: 156301
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.2
 279 2.9 2.6 4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.984 min Scan# 3126
 Delta R.T. 0.007 min
 Lab File: BN024765.D
 Acq: 05 Apr 2023 11:33

Tgt Ion:264 Resp: 27285
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.8 31.2
 265 50.1 46.5 69.7

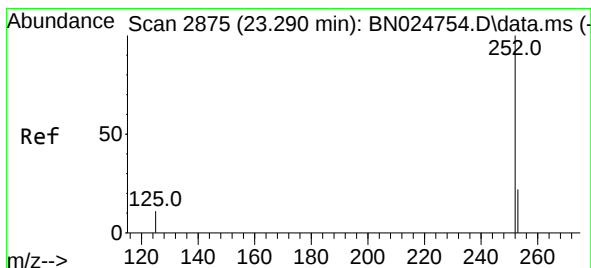
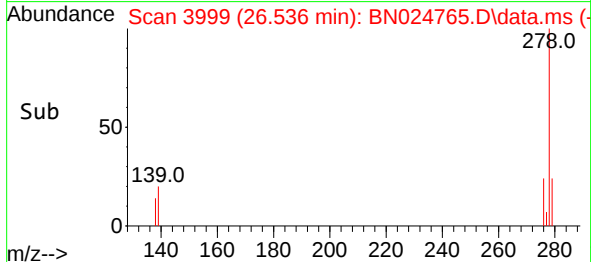
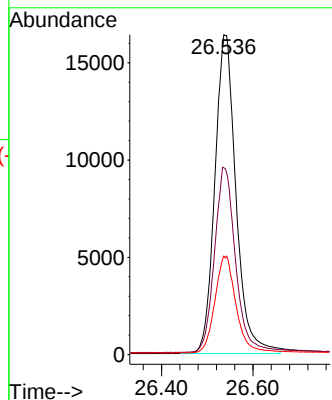
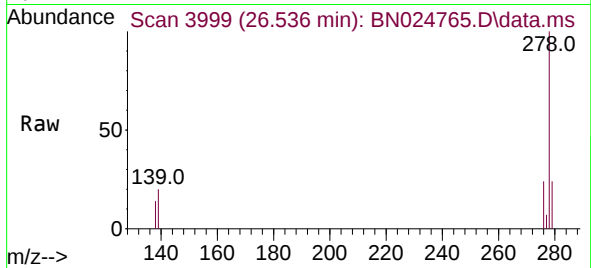




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng
RT: 26.536 min Scan# 3999
Delta R.T. 0.025 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

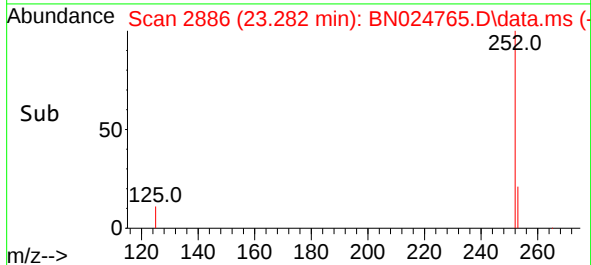
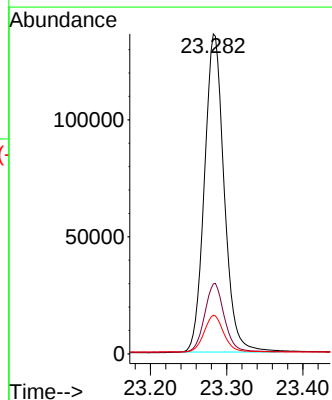
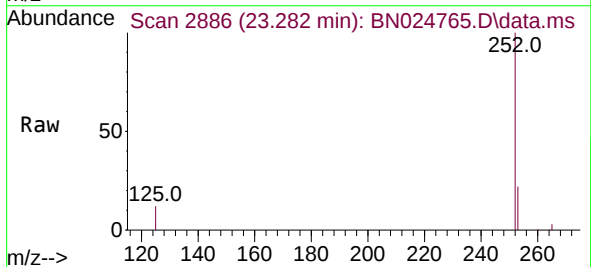
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

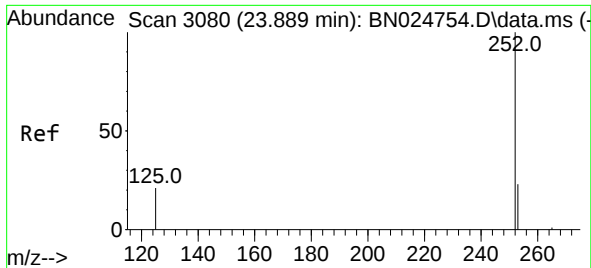
Tgt Ion:276 Resp: 52693
Ion Ratio Lower Upper
276 100
138 57.7 23.4 35.0#
277 30.2 19.8 29.8#



#38
Benzo(k)fluoranthene
Concen: 2.389 ng
RT: 23.282 min Scan# 2886
Delta R.T. 0.007 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

Tgt Ion:252 Resp: 245021
Ion Ratio Lower Upper
252 100
253 21.9 20.0 30.0
125 12.1 11.9 17.9

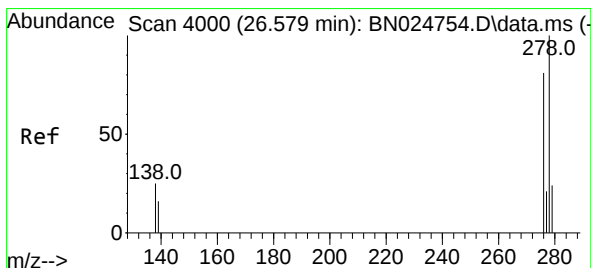
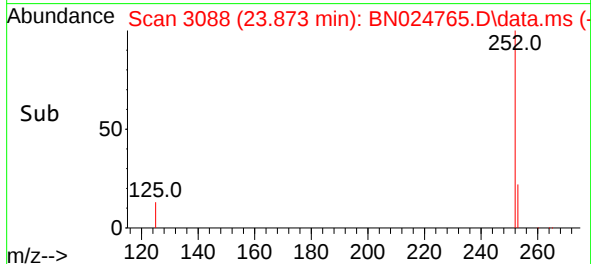
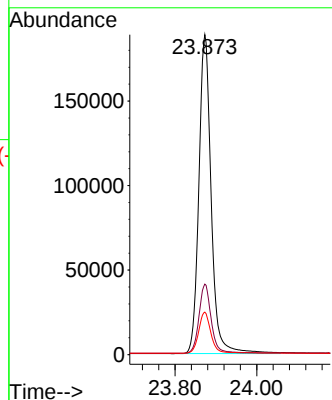
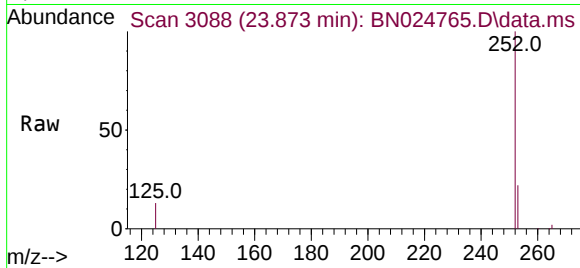




#39
Benzo(a)pyrene
Concen: 4.001 ng
RT: 23.873 min Scan# 3080
Delta R.T. 0.010 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 395954
Ion Ratio Lower Upper
252 100
253 22.0 21.0 31.6
125 13.3 20.2 30.4#



#40
Dibenzo(a,h)anthracene
Concen: 2.358 ng
RT: 26.542 min Scan# 4001
Delta R.T. 0.013 min
Lab File: BN024765.D
Acq: 05 Apr 2023 11:33

Tgt Ion:278 Resp: 221971
Ion Ratio Lower Upper
278 100
139 19.4 17.1 25.7
279 23.7 20.7 31.1

