

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
 Data File : BN030967.D
 Acq On : 16 Apr 2024 11:29
 Operator : MA/JU
 Sample : P2002-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-06B-44-040424RE

Quant Time: Apr 16 12:41:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 17:03:47 2024
 Response via : Initial Calibration

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

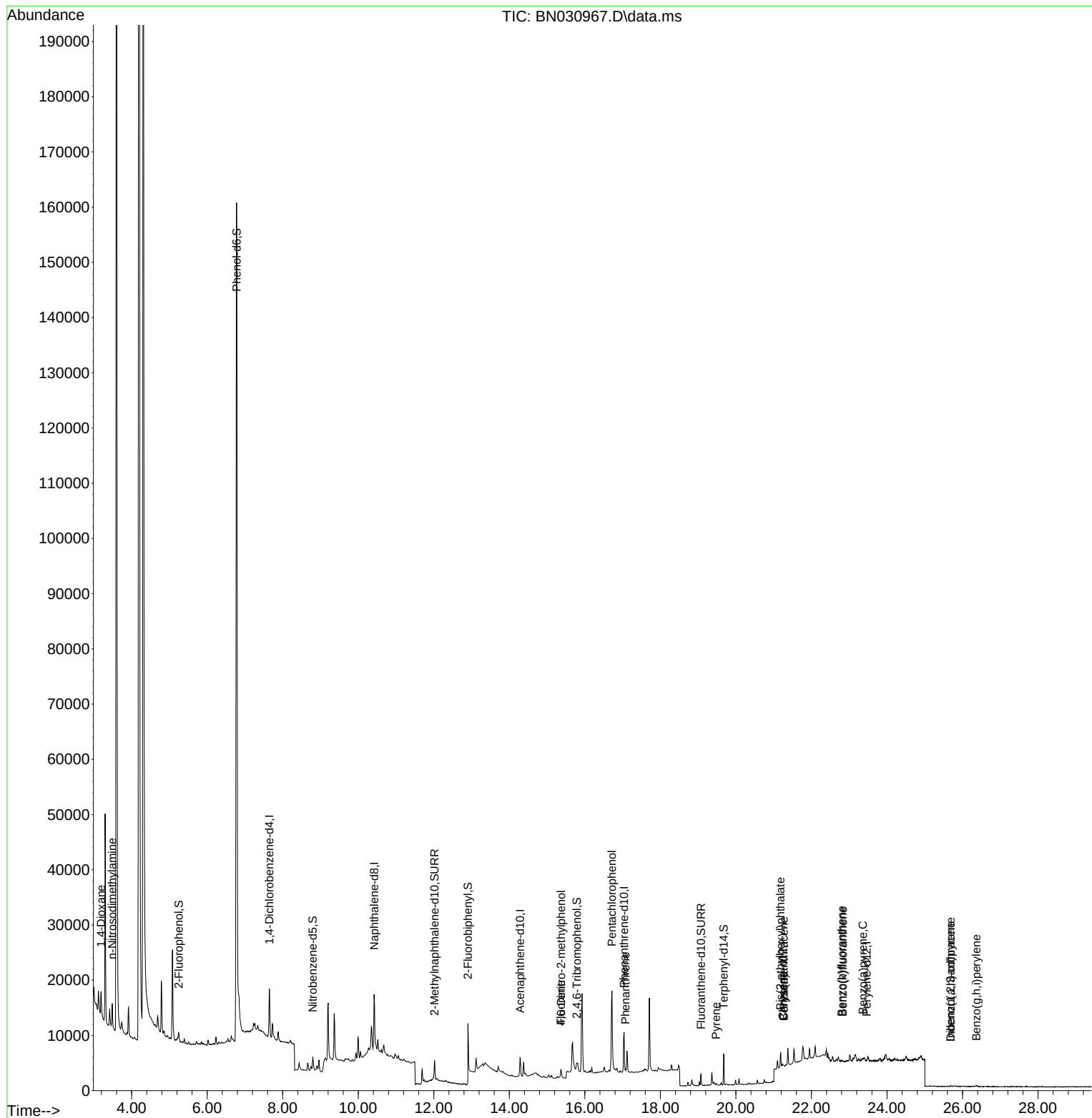
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	4491	0.400	ng	# 0.00
7) Naphthalene-d8	10.421	136	13860	0.400	ng	#-0.01
13) Acenaphthene-d10	14.284	164	1713	0.400	ng	#-0.01
19) Phenanthrene-d10	17.040	188	10504	0.400	ng	0.00
29) Chrysene-d12	21.240	240	25	0.400	ng	# 0.00
35) Perylene-d12	23.463	264	2	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	1437	0.144	ng	0.00
5) Phenol-d6	6.779	99	2631	0.217	ng	-0.04
8) Nitrobenzene-d5	8.798	82	2123	0.221	ng	0.00
11) 2-Methylnaphthalene-d10	12.020	152	3978	0.186	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	743	1.118	ng	0.00
15) 2-Fluorobiphenyl	12.905	172	5577	0.969	ng	0.00
27) Fluoranthene-d10	19.075	212	2338	0.083	ng	0.00
31) Terphenyl-d14	19.679	244	4891	84.274	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	3241	0.587	ng	# 82
3) n-Nitrosodimethylamine	3.486	42	507	0.098	ng	# 1
18) Fluorene	15.364	166	185	0.026	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.375	198	10	0.108	ng	# 1
24) Pentachlorophenol	16.718	266	1236	0.553	ng	# 1
25) Phenanthrene	17.078	178	632	0.020	ng	# 77
30) Pyrene	19.474	202	101	1.041	ng	# 74
32) Benzo(a)anthracene	21.267	228	204	2.343	ng	# 1
33) Chrysene	21.267	228	181	1.912	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.178	149	1640	41.097	ng	# 61
36) Indeno(1,2,3-cd)pyrene	25.688	276	234	25.155	ng	# 63
37) Benzo(b)fluoranthene	22.799	252	9	1.091	ng	# 1
38) Benzo(k)fluoranthene	22.834	252	36	4.455	ng	# 1
39) Benzo(a)pyrene	23.364	252	42	6.115	ng	# 1
40) Dibenzo(a,h)anthracene	25.685	278	19	2.551	ng	# 1
41) Benzo(g,h,i)perylene	26.366	276	450	54.868	ng	# 1

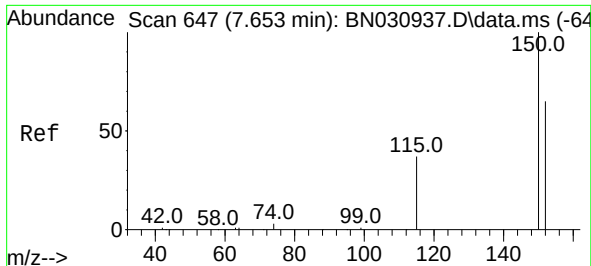
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030967.D
Acq On : 16 Apr 2024 11:29
Operator : MA/JU
Sample : P2002-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424RE

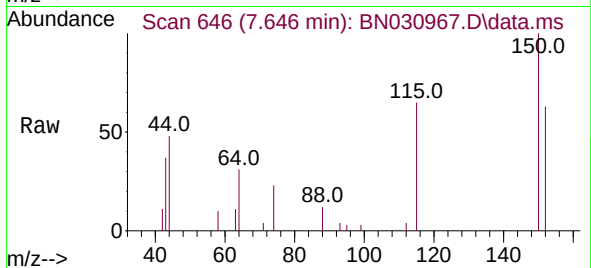
Quant Time: Apr 16 12:41:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration



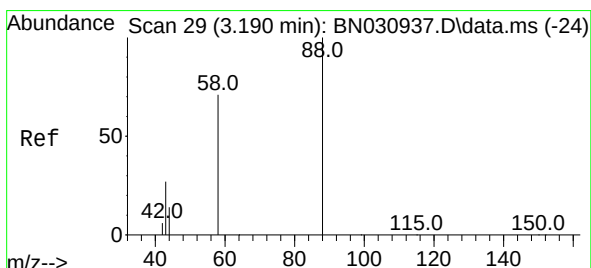
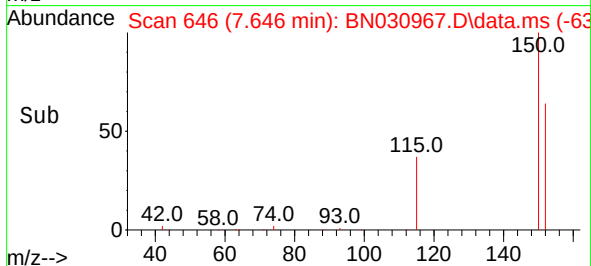
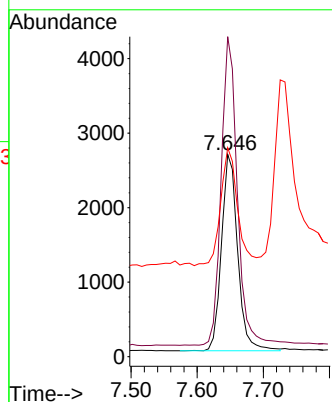


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424RE

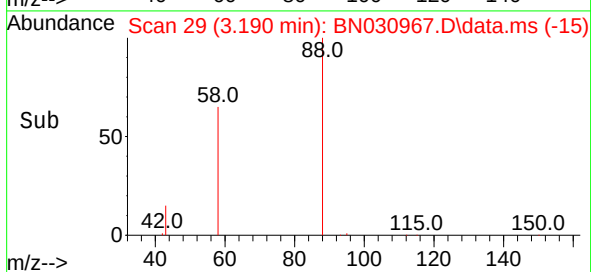
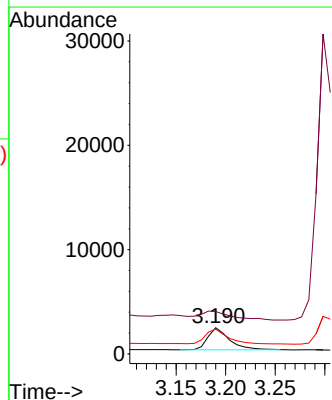
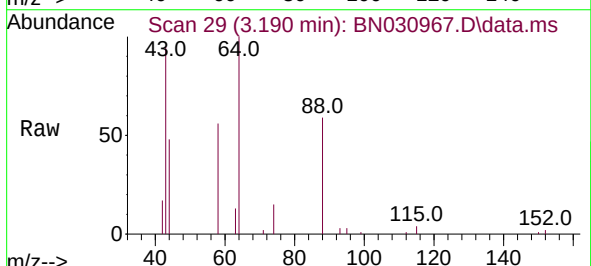


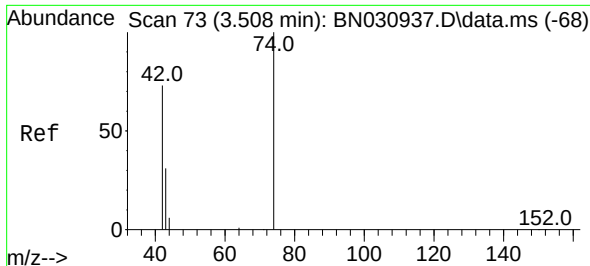
Tgt Ion:152 Resp: 4491
Ion Ratio Lower Upper
152 100
150 158.3 121.7 182.5
115 103.3 47.8 71.8#



#2
1,4-Dioxane
Concen: 0.587 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

Tgt Ion: 88 Resp: 3241
Ion Ratio Lower Upper
88 100
43 58.0 23.7 35.5#
58 67.4 55.7 83.5





#3

n-Nitrosodimethylamine

Concen: 0.098 ng

RT: 3.486 min Scan# 70

Delta R.T. -0.022 min

Lab File: BN030967.D

Acq: 16 Apr 2024 11:29

Instrument :

BNA_N

ClientSampleId :

RMW-06B-44-040424RE

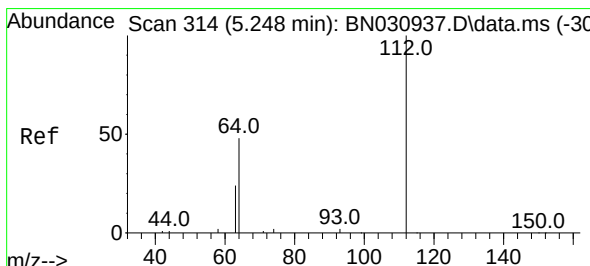
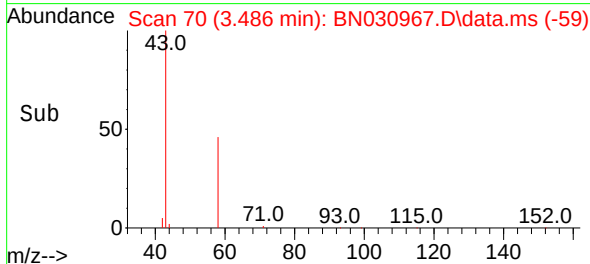
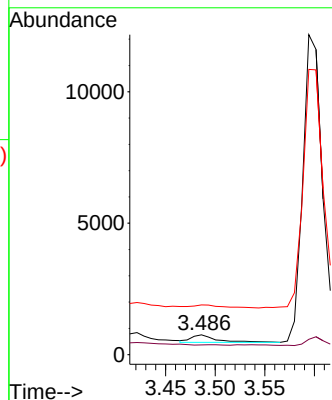
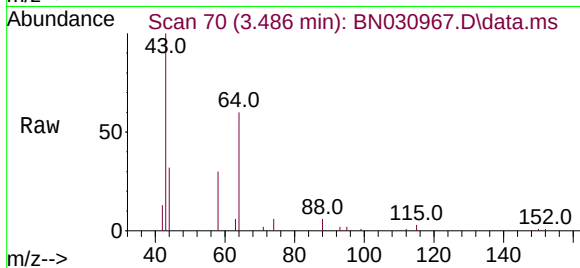
Tgt Ion: 42 Resp: 507

Ion Ratio Lower Upper

42 100

74 4.3 103.1 154.7#

44 0.0 7.0 10.6#



#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.248 min Scan# 314

Delta R.T. -0.000 min

Lab File: BN030967.D

Acq: 16 Apr 2024 11:29

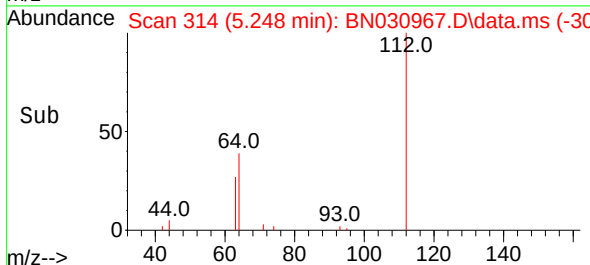
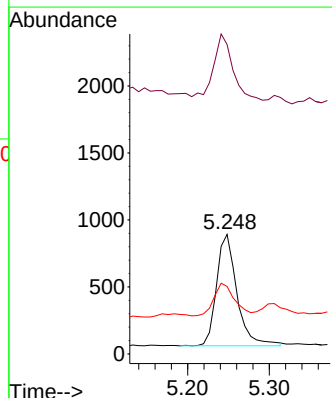
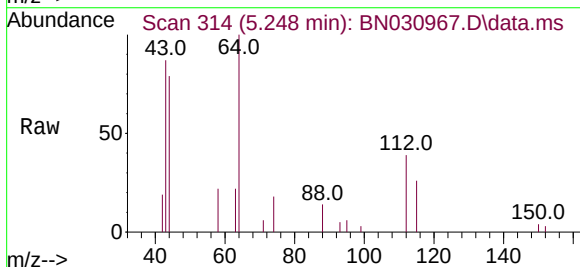
Tgt Ion: 112 Resp: 1437

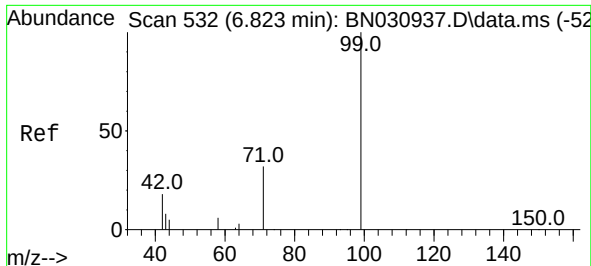
Ion Ratio Lower Upper

112 100

64 56.3 43.4 65.2

63 29.6 22.2 33.2

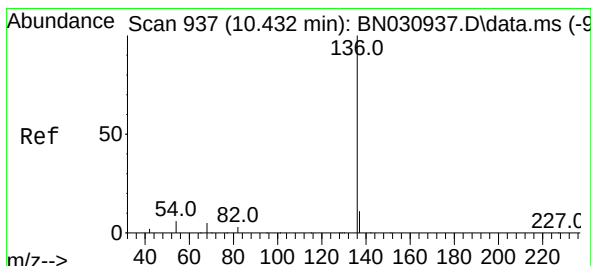
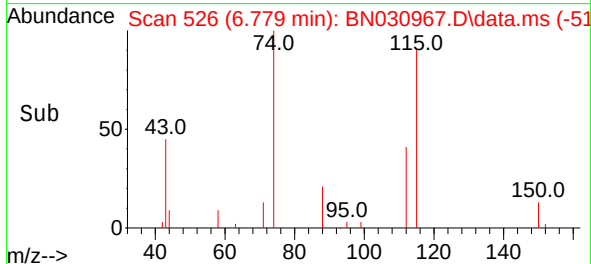
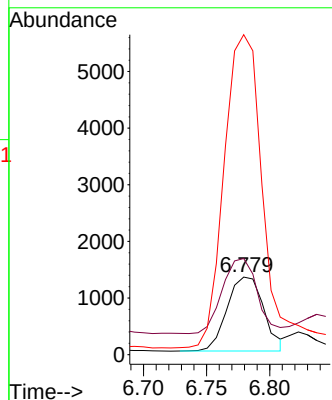
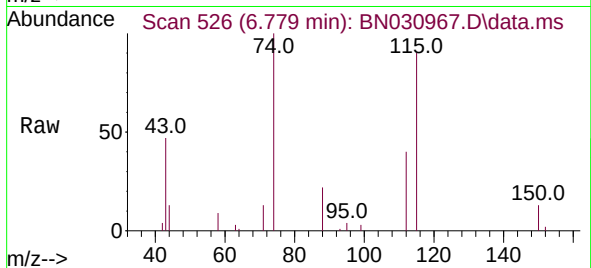




#5
Phenol-d6
Concen: 0.217 ng
RT: 6.779 min Scan# 51
Delta R.T. -0.043 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

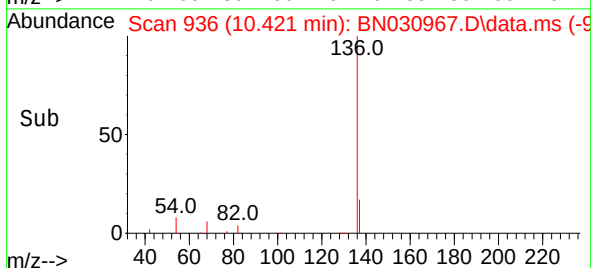
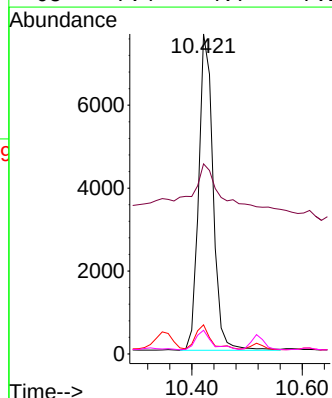
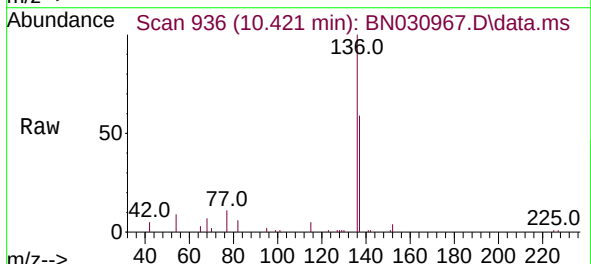
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424RE

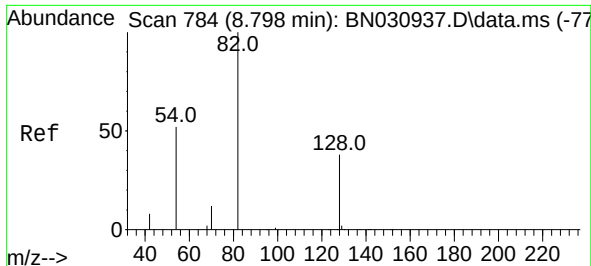
Tgt Ion: 99 Resp: 2631
Ion Ratio Lower Upper
99 100
42 96.8 16.4 24.6#
71 468.8 26.3 39.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

Tgt Ion: 136 Resp: 13860
Ion Ratio Lower Upper
136 100
137 59.4 9.4 14.0#
54 9.1 5.3 7.9#
68 7.4 4.7 7.1#

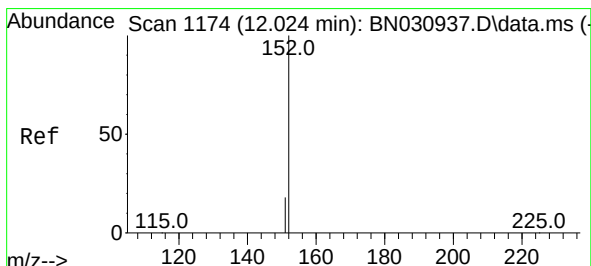
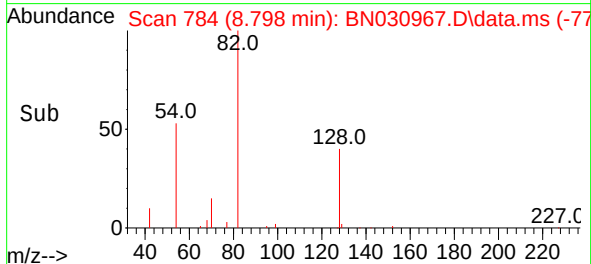
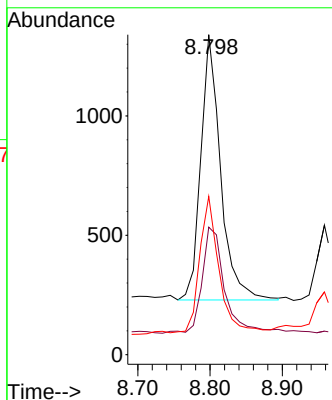
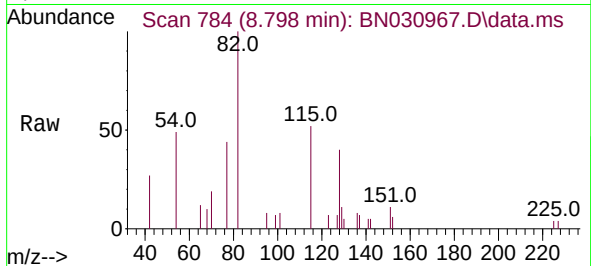




#8
Nitrobenzene-d5
Concen: 0.221 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

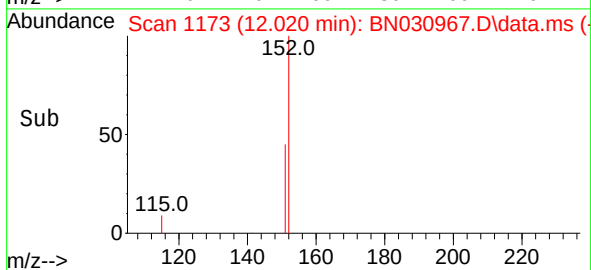
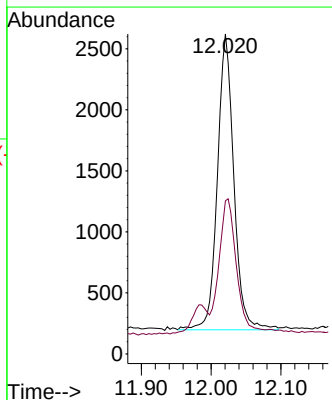
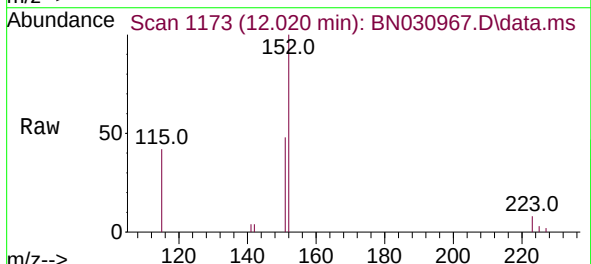
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424RE

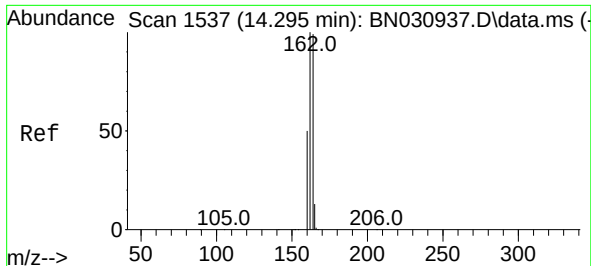
Tgt Ion: 82 Resp: 2123
Ion Ratio Lower Upper
82 100
128 39.9 33.7 50.5
54 49.5 43.7 65.5



#11
2-Methylnaphthalene-d10
Concen: 0.186 ng
RT: 12.020 min Scan# 1173
Delta R.T. -0.004 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

Tgt Ion: 152 Resp: 3978
Ion Ratio Lower Upper
152 100
151 45.3 16.7 25.1#

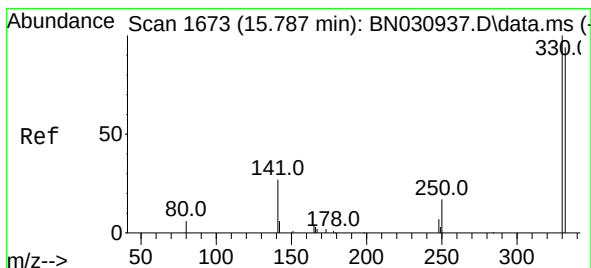
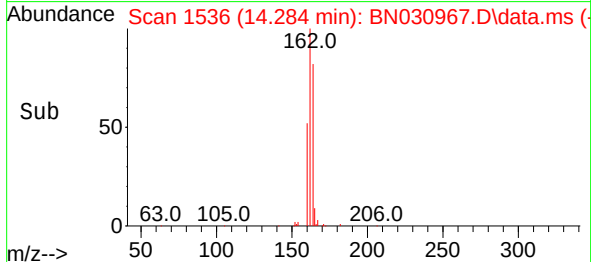
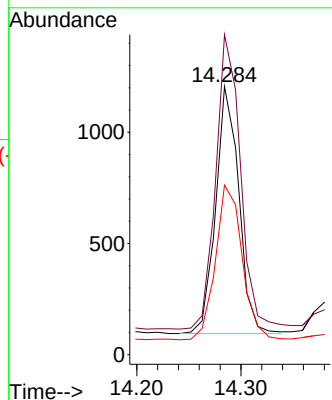
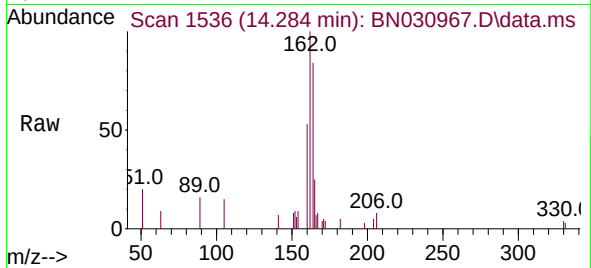




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.284 min Scan# 1536
Delta R.T. -0.011 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

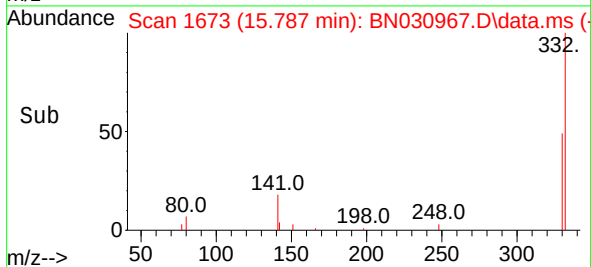
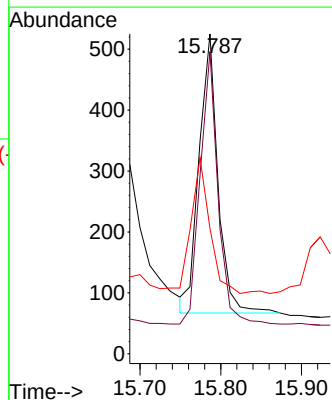
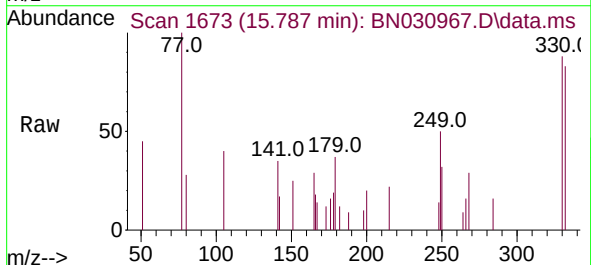
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424RE

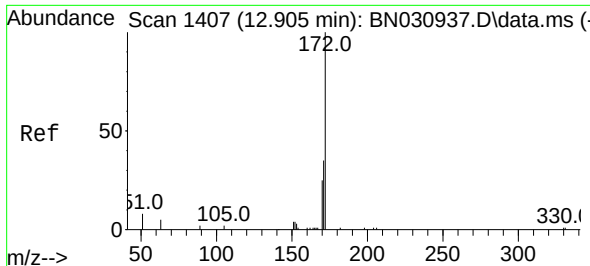
Tgt Ion:164 Resp: 1713
Ion Ratio Lower Upper
164 100
162 119.3 80.6 121.0
160 63.3 40.7 61.1#



#14
2,4,6-Tribromophenol
Concen: 1.118 ng
RT: 15.787 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

Tgt Ion:330 Resp: 743
Ion Ratio Lower Upper
330 100
332 92.1 74.2 111.2
141 46.2 37.2 55.8

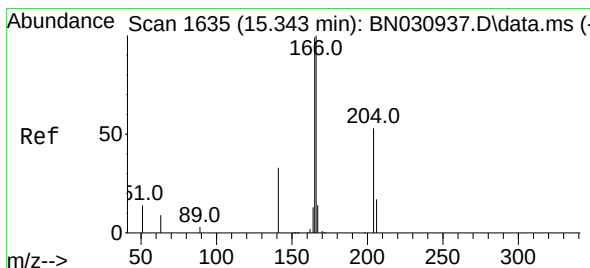
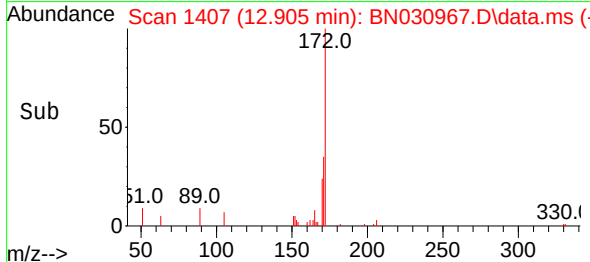
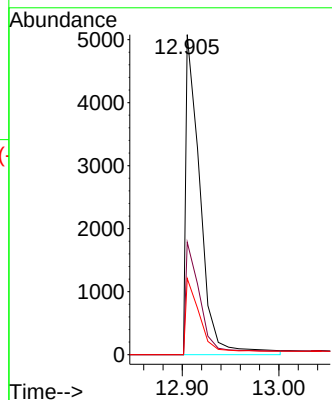
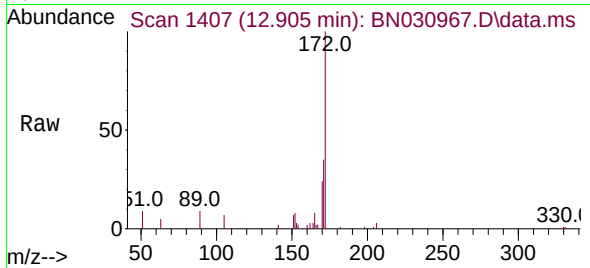




#15
2-Fluorobiphenyl
Concen: 0.969 ng
RT: 12.905 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

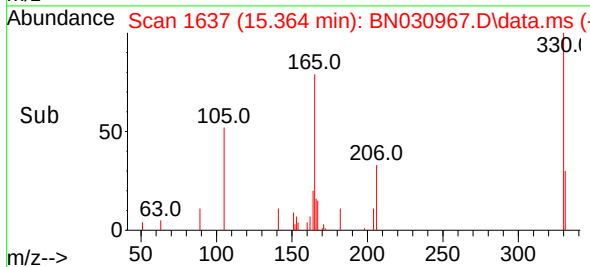
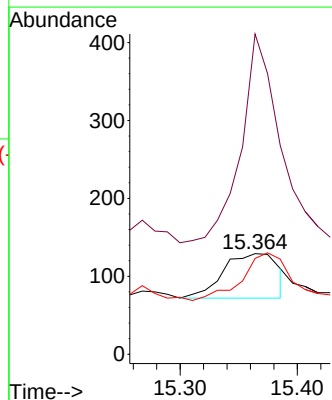
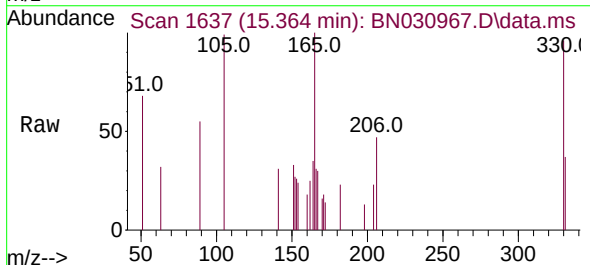
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424RE

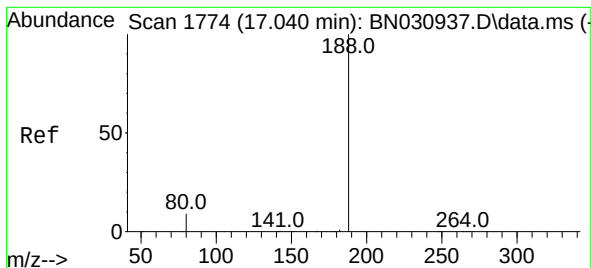
Tgt Ion:	172	Resp:	5577
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.3	42.5
170	23.8	19.8	29.8



#18
Fluorene
Concen: 0.026 ng
RT: 15.364 min Scan# 1637
Delta R.T. 0.021 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

Tgt Ion:	166	Resp:	185
Ion Ratio	Lower	Upper	
166	100		
165	289.7	78.3	117.5#
167	77.8	11.1	16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.040 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN030967.D

Acq: 16 Apr 2024 11:29

Instrument :

BNA_N

ClientSampleId :

RMW-06B-44-040424RE

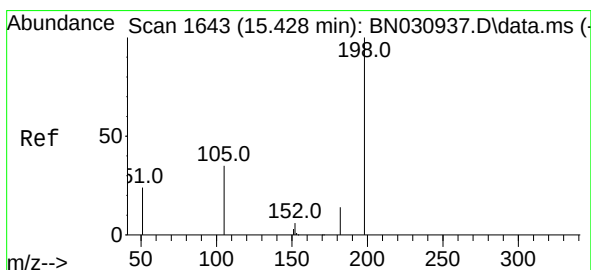
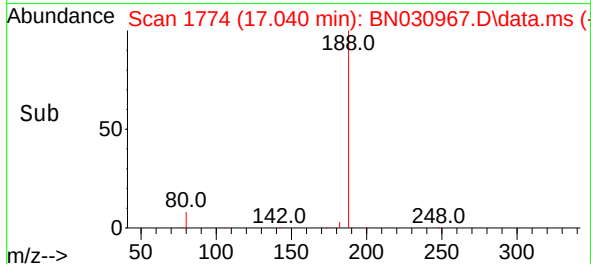
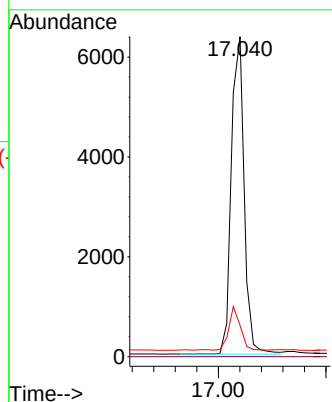
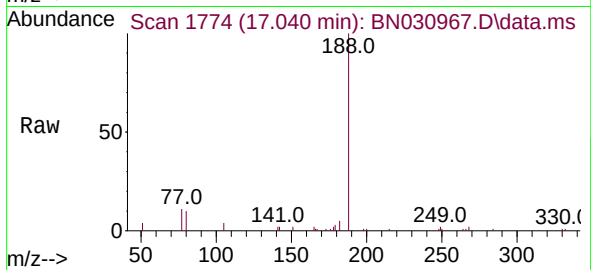
Tgt Ion:188 Resp: 10504

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 7.4 11.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.108 ng

RT: 15.375 min Scan# 1638

Delta R.T. -0.053 min

Lab File: BN030967.D

Acq: 16 Apr 2024 11:29

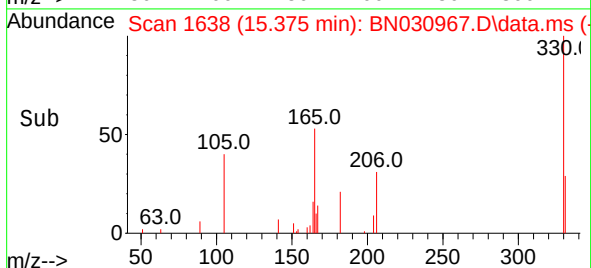
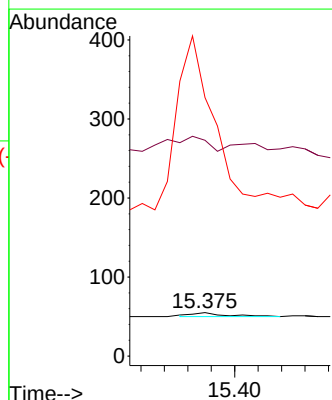
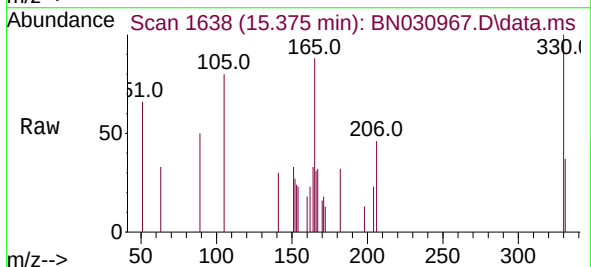
Tgt Ion:198 Resp: 10

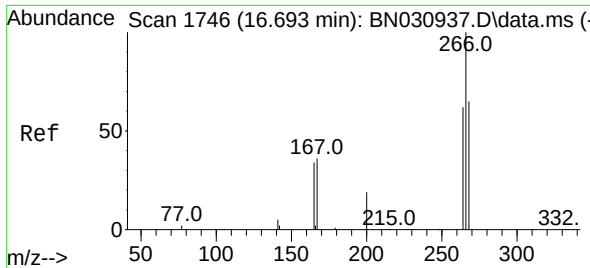
Ion Ratio Lower Upper

198 100

51 496.4 65.2 97.8#

105 594.5 41.0 61.4#

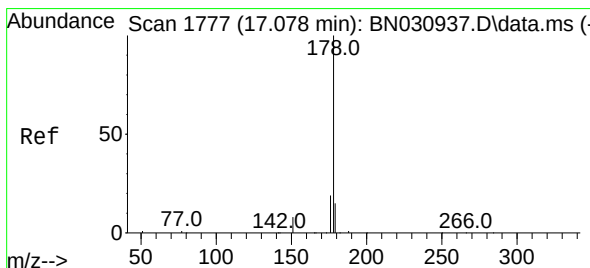
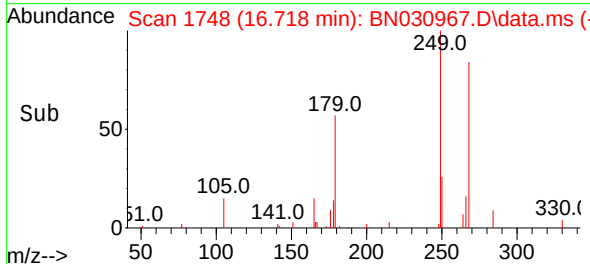
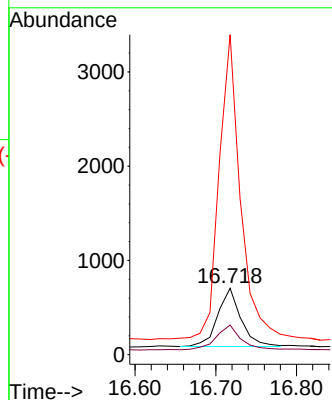
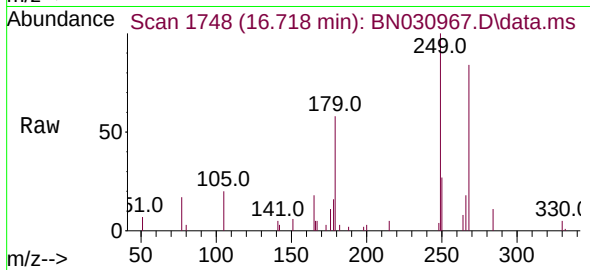




#24
 Pentachlorophenol
 Concen: 0.553 ng
 RT: 16.718 min Scan# 1748
 Delta R.T. 0.025 min
 Lab File: BN030967.D
 Acq: 16 Apr 2024 11:29

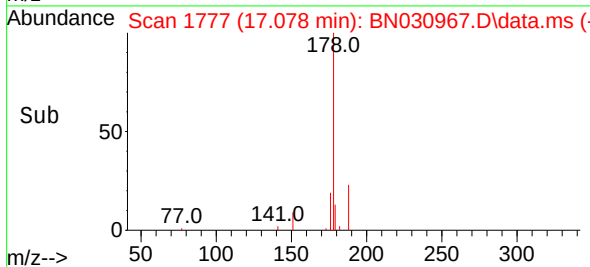
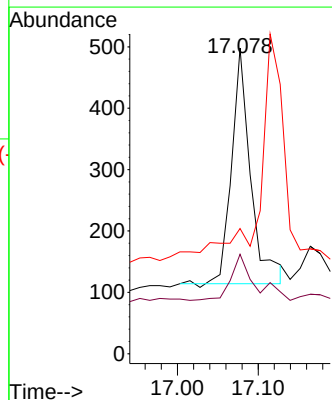
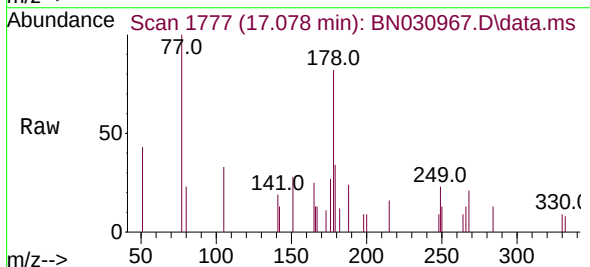
Instrument :
 BNA_N
 ClientSampleId :
 RMW-06B-44-040424RE

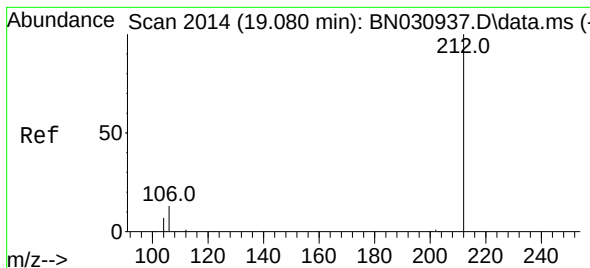
Tgt Ion:266 Resp: 1236
 Ion Ratio Lower Upper
 266 100
 264 44.8 50.2 75.2#
 268 484.8 52.3 78.5#



#25
 Phenanthrene
 Concen: 0.020 ng
 RT: 17.078 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: BN030967.D
 Acq: 16 Apr 2024 11:29

Tgt Ion:178 Resp: 632
 Ion Ratio Lower Upper
 178 100
 176 24.1 15.1 22.7#
 179 0.0 12.2 18.2#





#27

Fluoranthene-d10

Concen: 0.083 ng

RT: 19.075 min Scan# 2014

Delta R.T. -0.005 min

Lab File: BN030967.D

Acq: 16 Apr 2024 11:29

Instrument :

BNA_N

ClientSampleId :

RMW-06B-44-040424RE

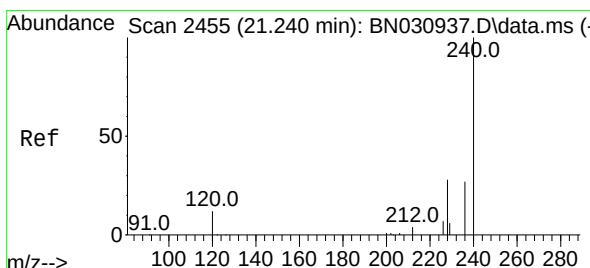
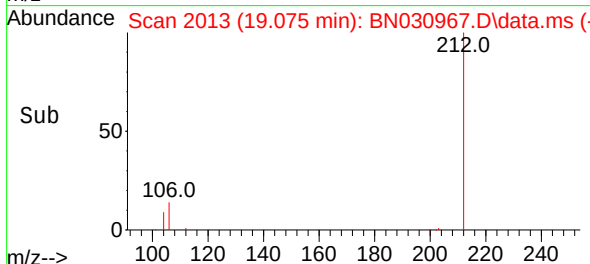
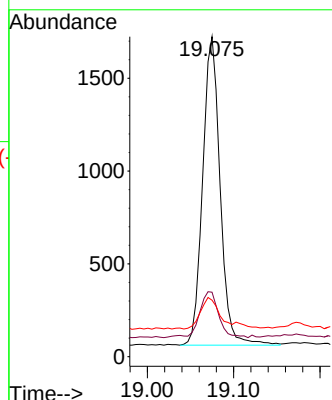
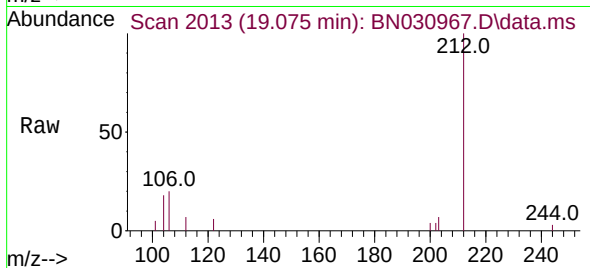
Tgt Ion:212 Resp: 2338

Ion Ratio Lower Upper

212 100

106 16.5 12.0 18.0

104 10.8 6.7 10.1#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.240 min Scan# 2455

Delta R.T. -0.000 min

Lab File: BN030967.D

Acq: 16 Apr 2024 11:29

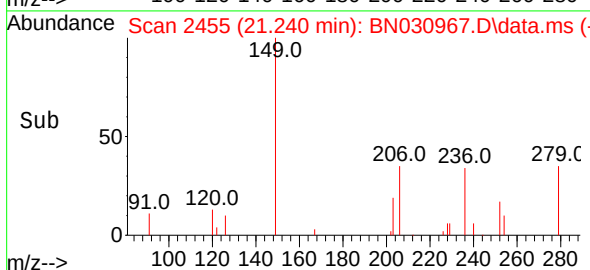
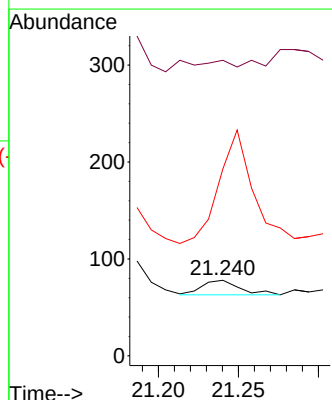
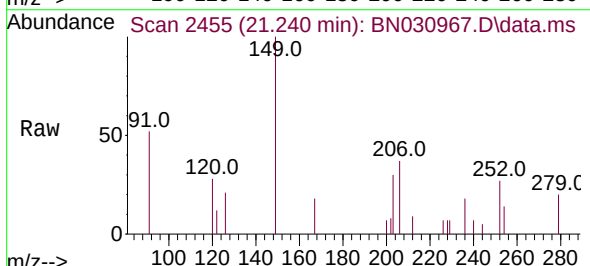
Tgt Ion:240 Resp: 25

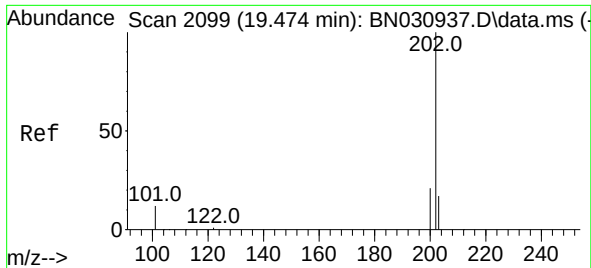
Ion Ratio Lower Upper

240 100

120 391.0 11.0 16.4#

236 247.4 22.3 33.5#





#30

Pyrene

Concen: 1.041 ng

RT: 19.474 min Scan# 2099

Delta R.T. -0.000 min

Lab File: BN030967.D

Acq: 16 Apr 2024 11:29

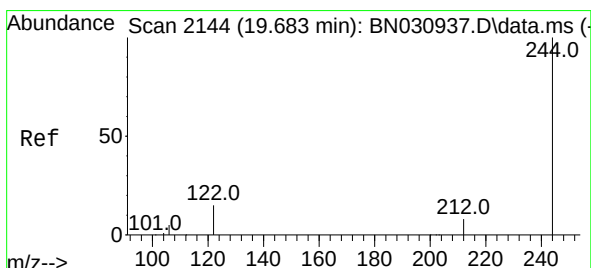
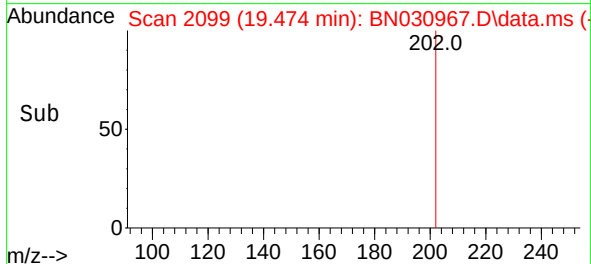
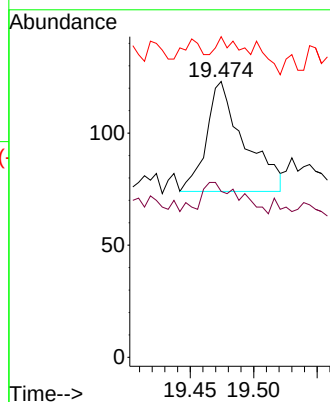
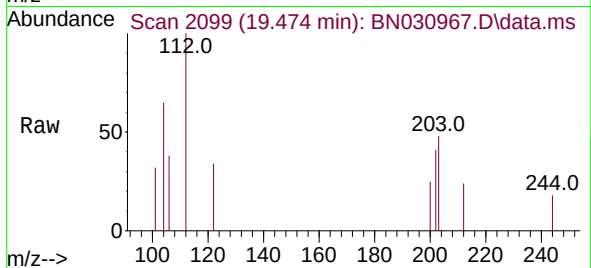
Instrument :

BNA_N

ClientSampleId :

RMW-06B-44-040424RE

Tgt Ion:	202	Resp:	101
Ion	Ratio	Lower	Upper
202	100		
200	26.7	16.6	25.0#
203	0.0	14.3	21.5#



#31

Terphenyl-d14

Concen: 84.274 ng

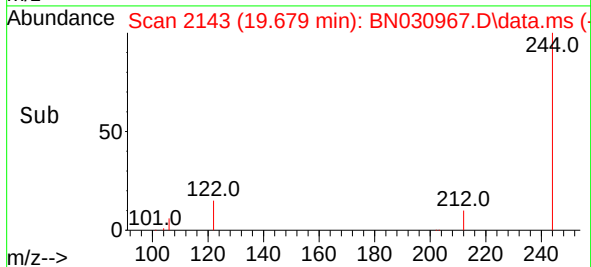
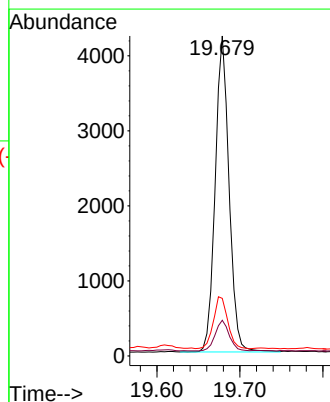
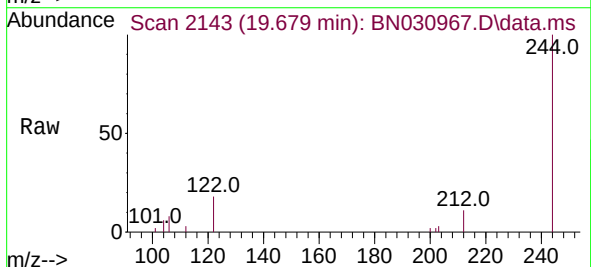
RT: 19.679 min Scan# 2143

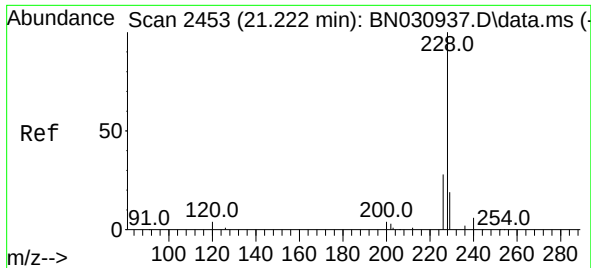
Delta R.T. -0.005 min

Lab File: BN030967.D

Acq: 16 Apr 2024 11:29

Tgt Ion:	244	Resp:	4891
Ion	Ratio	Lower	Upper
244	100		
212	11.1	7.2	10.8#
122	18.0	12.7	19.1

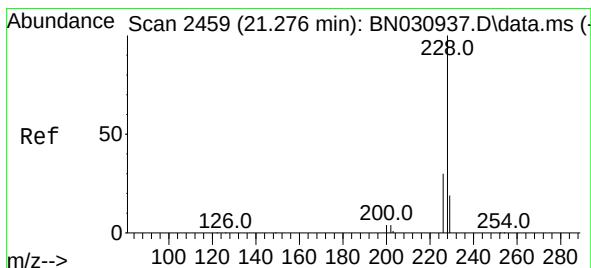
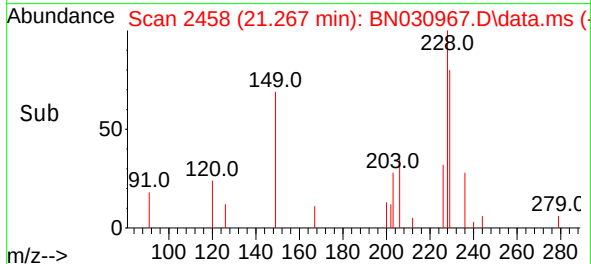
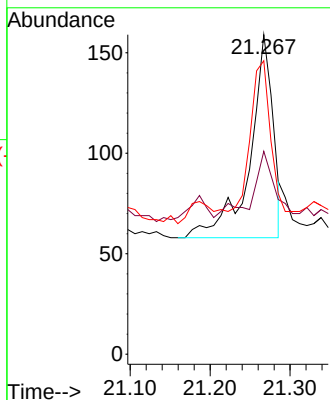
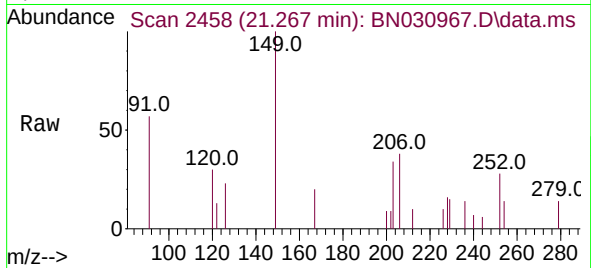




#32
Benzo(a)anthracene
Concen: 2.343 ng
RT: 21.267 min Scan# 2458
Delta R.T. 0.045 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

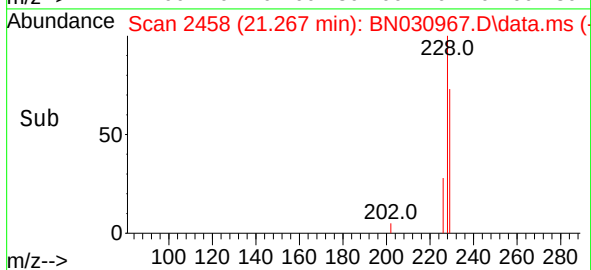
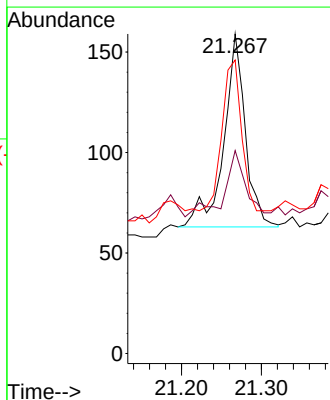
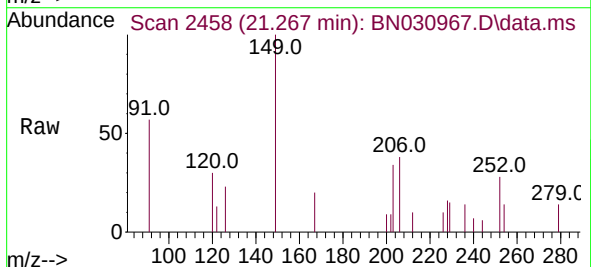
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424RE

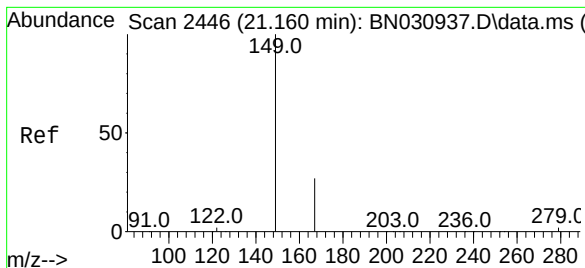
Tgt Ion:228 Resp: 204
Ion Ratio Lower Upper
228 100
226 63.5 22.4 33.6#
229 91.8 15.7 23.5#



#33
Chrysene
Concen: 1.912 ng
RT: 21.267 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

Tgt Ion:228 Resp: 181
Ion Ratio Lower Upper
228 100
226 63.5 23.9 35.9#
229 91.8 15.8 23.6#

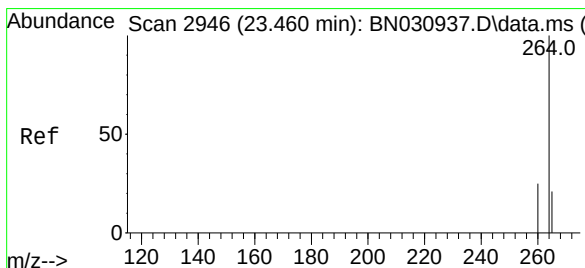
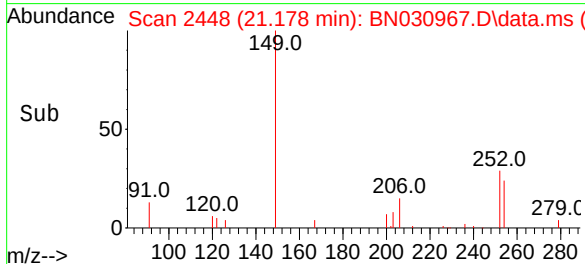
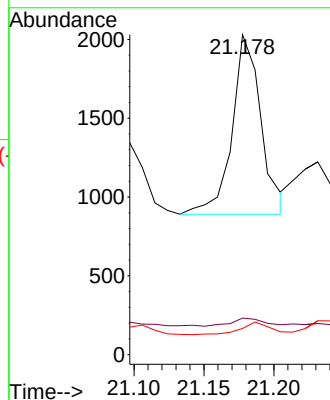
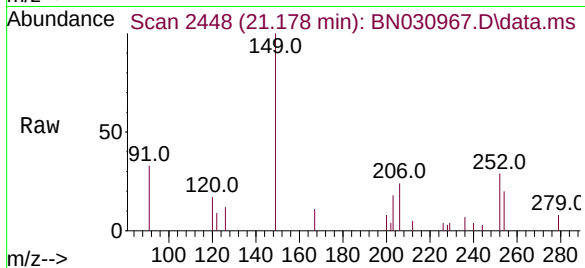




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 41.097 ng
 RT: 21.178 min Scan# 2448
 Delta R.T. 0.018 min
 Lab File: BN030967.D
 Acq: 16 Apr 2024 11:29

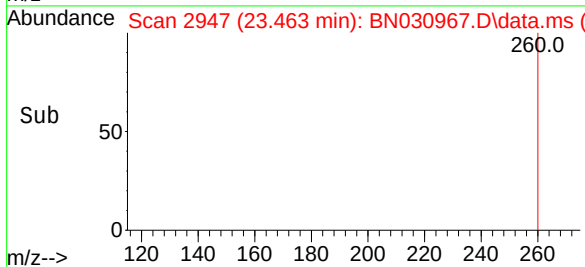
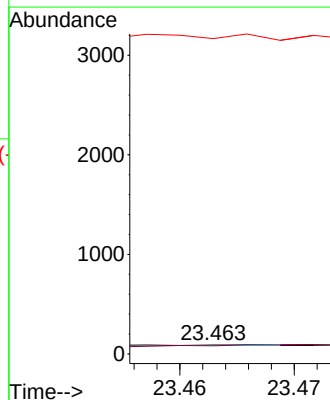
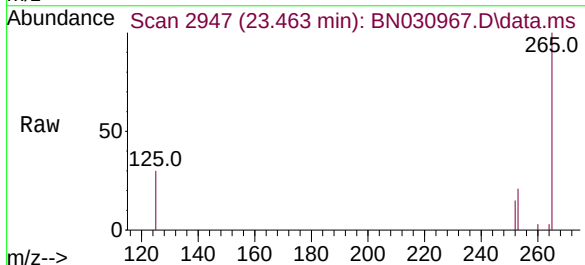
Instrument :
 BNA_N
 ClientSampleId :
 RMW-06B-44-040424RE

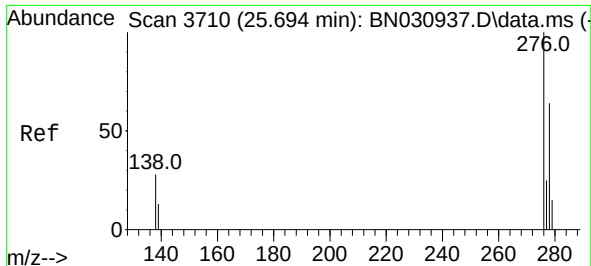
Tgt Ion:149 Resp: 1640
 Ion Ratio Lower Upper
 149 100
 167 4.4 21.0 31.4#
 279 7.5 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.463 min Scan# 2947
 Delta R.T. 0.003 min
 Lab File: BN030967.D
 Acq: 16 Apr 2024 11:29

Tgt Ion:264 Resp: 2
 Ion Ratio Lower Upper
 264 100
 260 90.1 20.6 31.0#
 265 3479.1 53.3 79.9#





#36

Indeno(1,2,3-cd)pyrene

Concen: 25.155 ng

RT: 25.688 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN030967.D

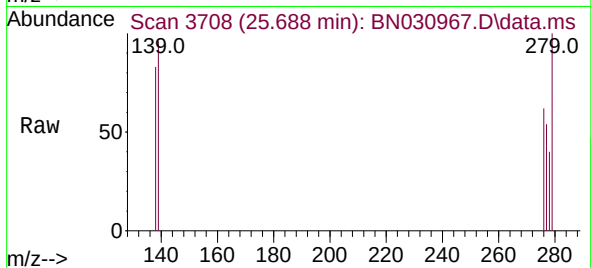
Acq: 16 Apr 2024 11:29

Instrument :

BNA_N

ClientSampleId :

RMW-06B-44-040424RE



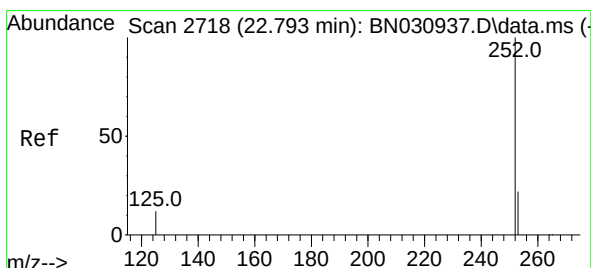
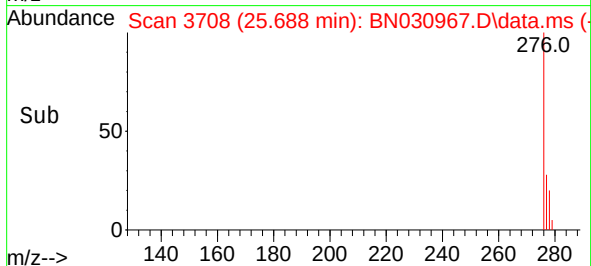
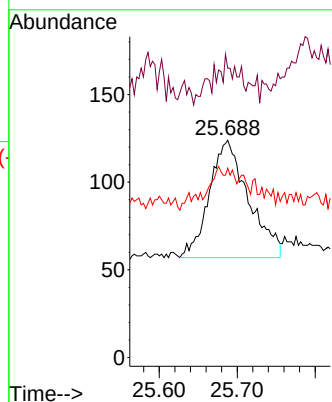
Tgt Ion:276 Resp: 234

Ion Ratio Lower Upper

276 100

138 8.1 23.1 34.7#

277 7.7 19.9 29.9#



#37

Benzo(b)fluoranthene

Concen: 1.091 ng

RT: 22.799 min Scan# 2720

Delta R.T. 0.006 min

Lab File: BN030967.D

Acq: 16 Apr 2024 11:29

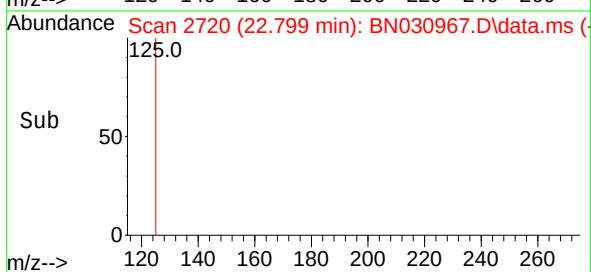
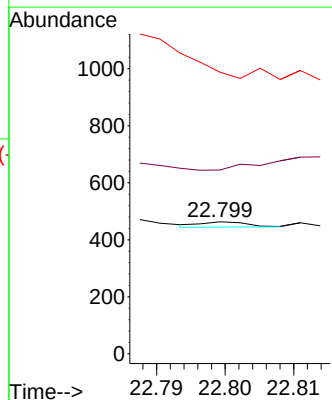
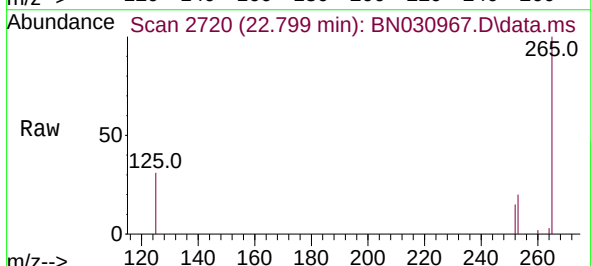
Tgt Ion:252 Resp: 9

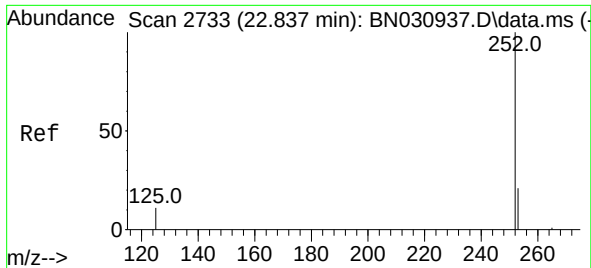
Ion Ratio Lower Upper

252 100

253 139.3 20.2 30.2#

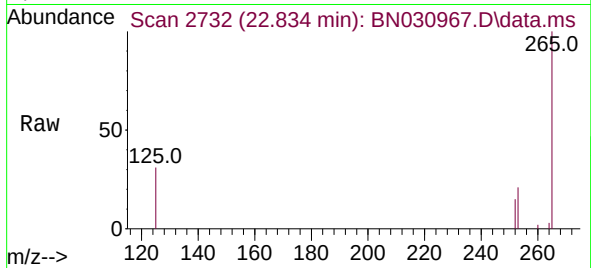
125 213.4 13.4 20.2#



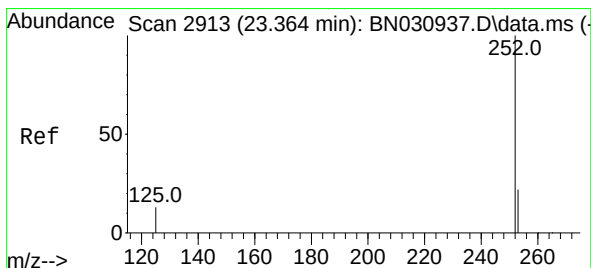
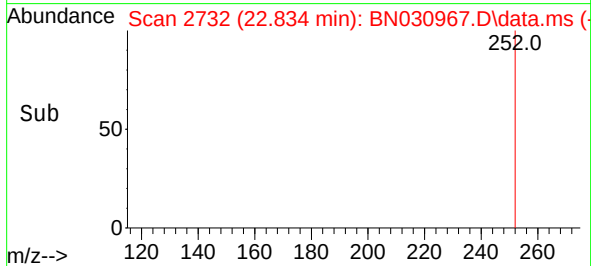
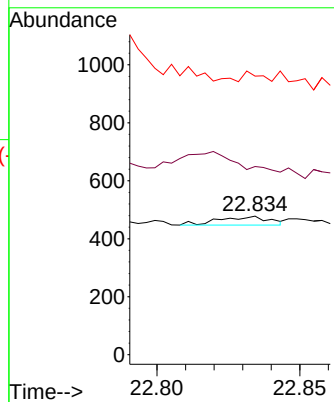


#38
Benzo(k)fluoranthene
Concen: 4.455 ng
RT: 22.834 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424RE

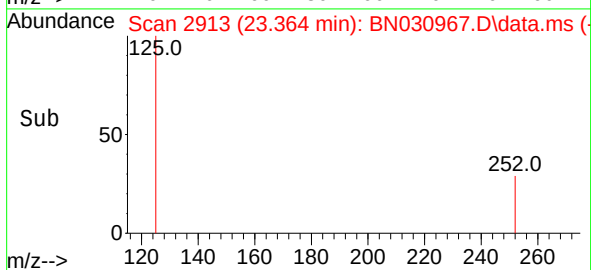
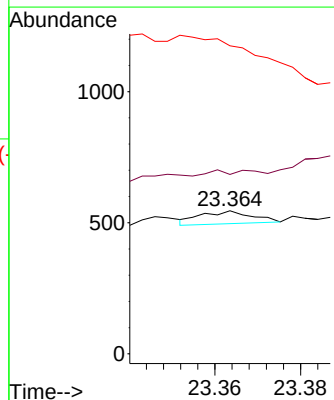
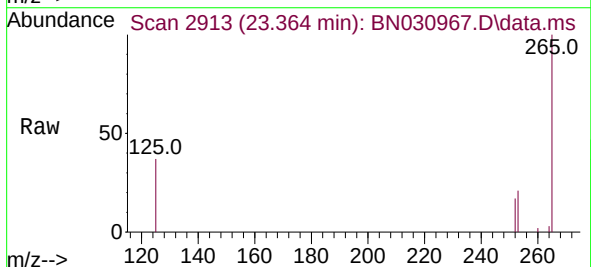


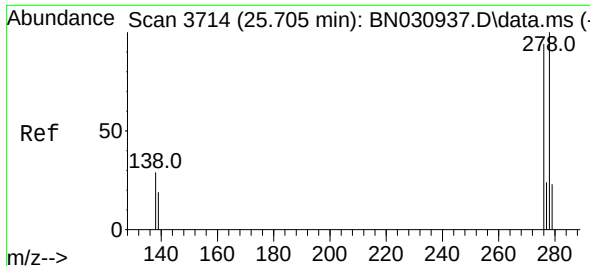
Tgt Ion:252 Resp: 36
Ion Ratio Lower Upper
252 100
253 135.8 19.9 29.9#
125 201.0 13.2 19.8#



#39
Benzo(a)pyrene
Concen: 6.115 ng
RT: 23.364 min Scan# 2913
Delta R.T. -0.000 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

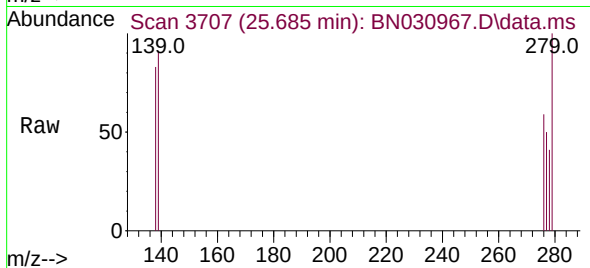
Tgt Ion:252 Resp: 42
Ion Ratio Lower Upper
252 100
253 125.3 21.4 32.2#
125 215.2 16.6 25.0#



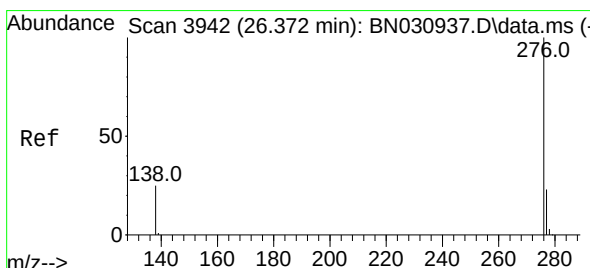
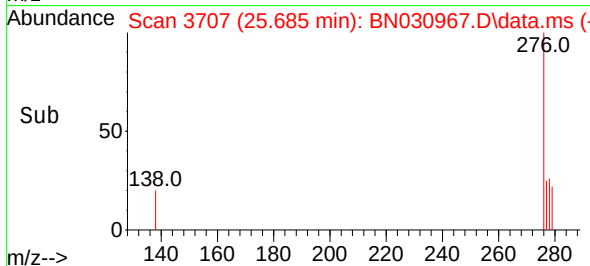
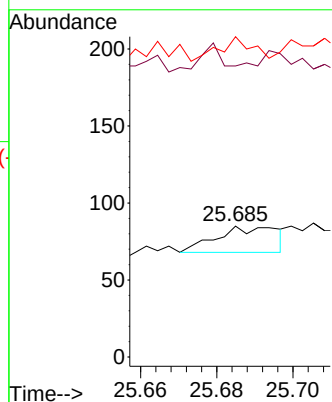


#40
Dibenzo(a,h)anthracene
Concen: 2.551 ng
RT: 25.685 min Scan# 31
Delta R.T. -0.021 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424RE



Tgt Ion:278 Resp: 19
Ion Ratio Lower Upper
278 100
139 222.4 16.3 24.5#
279 244.7 20.6 31.0#



#41
Benzo(g,h,i)perylene
Concen: 54.868 ng
RT: 26.366 min Scan# 3940
Delta R.T. -0.006 min
Lab File: BN030967.D
Acq: 16 Apr 2024 11:29

Tgt Ion:276 Resp: 450
Ion Ratio Lower Upper
276 100
277 63.5 19.4 29.2#
138 89.6 21.0 31.4#

