

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
 Data File : BN030776.D
 Acq On : 08 Apr 2024 19:37
 Operator : MA/JU
 Sample : P1984-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RSB-02-71-040324

Quant Time: Apr 16 13:36:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 11 12:30:40 2024
 Response via : Initial Calibration

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

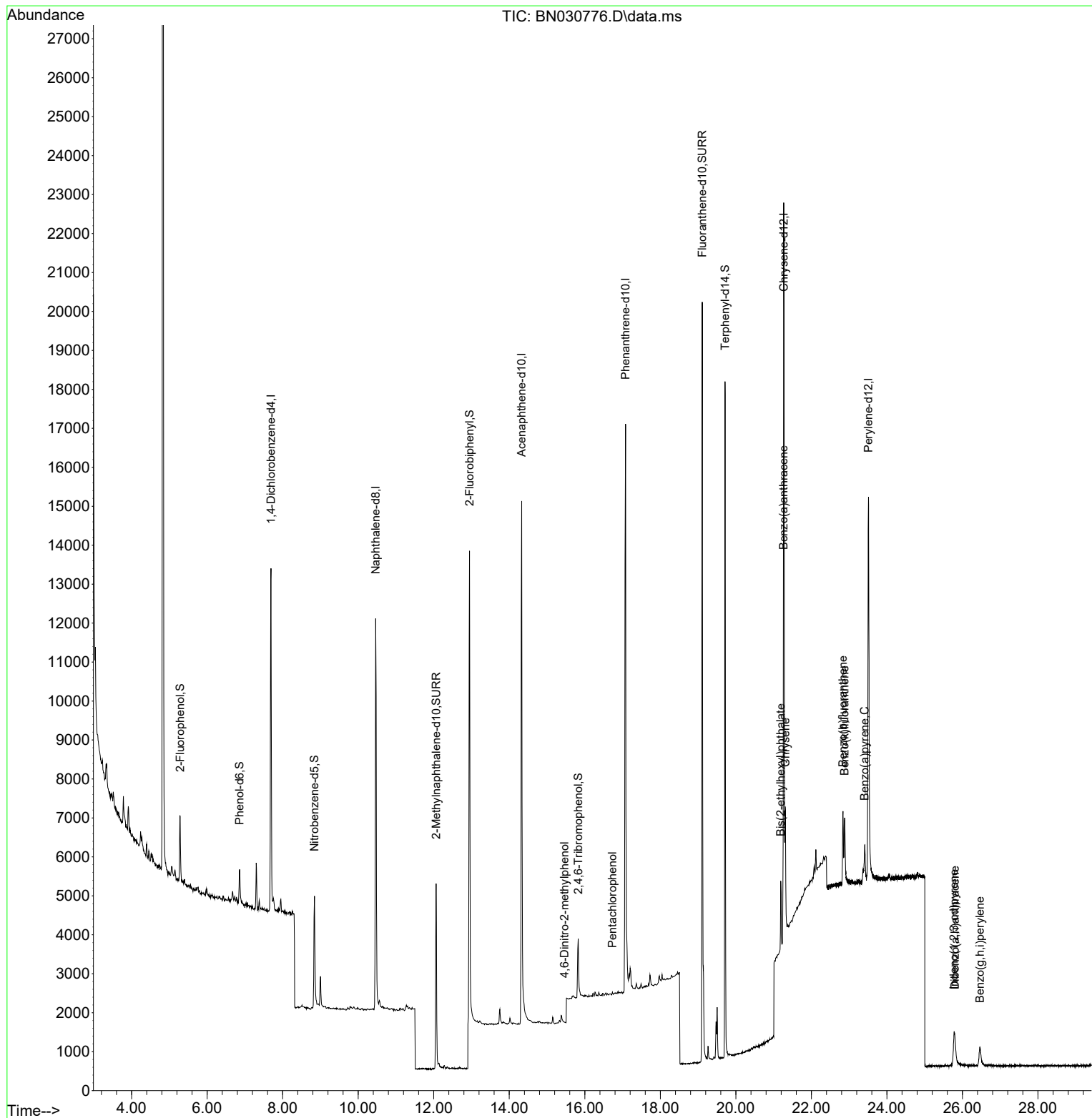
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	4727	0.400	ng	-0.01
7) Naphthalene-d8	10.464	136	14420	0.400	ng	-0.02
13) Acenaphthene-d10	14.327	164	9048	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	22725	0.400	ng	-0.01
29) Chrysene-d12	21.267	240	18392	0.400	ng	#-0.02
35) Perylene-d12	23.510	264	15278	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.285	112	1619	0.157	ng	-0.01
5) Phenol-d6	6.859	99	1084	0.082	ng	-0.01
8) Nitrobenzene-d5	8.841	82	2741	0.270	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	7018	0.318	ng	-0.02
14) 2,4,6-Tribromophenol	15.824	330	1031	0.302	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	10925	0.312	ng	-0.02
27) Fluoranthene-d10	19.107	212	21942	0.358	ng	-0.02
31) Terphenyl-d14	19.716	244	17271	0.407	ng	-0.01
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.460	198	4	0.173	ng	# 1
24) Pentachlorophenol	16.730	266	28	0.176	ng	# 47
32) Benzo(a)anthracene	21.258	228	2322	0.036	ng	94
33) Chrysene	21.312	228	2703	0.039	ng	97
34) Bis(2-ethylhexyl)phtha...	21.187	149	1931	0.068	ng	100
36) Indeno(1,2,3-cd)pyrene	25.776	276	1389	0.021	ng	96
37) Benzo(b)fluoranthene	22.834	252	2413	0.039	ng	# 32
38) Benzo(k)fluoranthene	22.878	252	2230	0.036	ng	# 35
39) Benzo(a)pyrene	23.410	252	1419	0.029	ng	# 1
40) Dibenzo(a,h)anthracene	25.796	278	1099	0.020	ng	# 21
41) Benzo(g,h,i)perylene	26.463	276	1199	0.021	ng	# 57

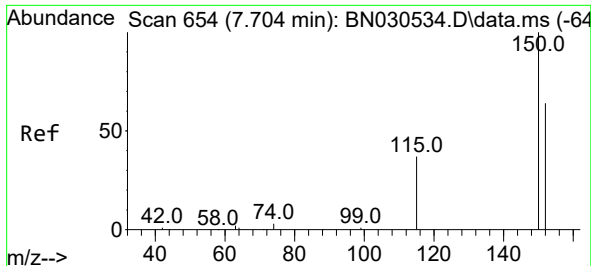
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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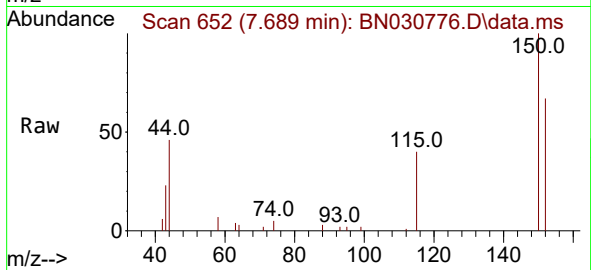
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 11 12:30:40 2024
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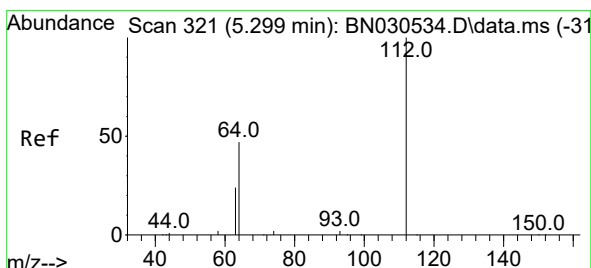
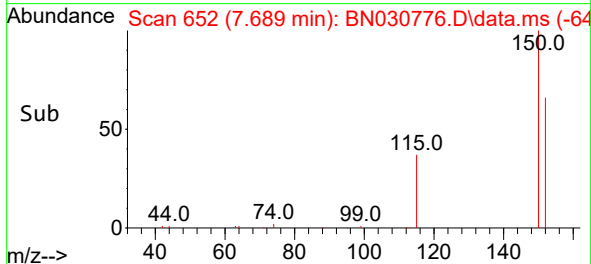
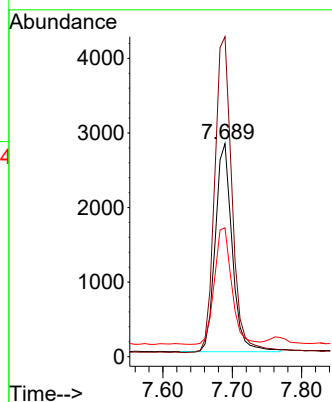


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

Instrument :
BNA_N
ClientSampleId :
RSB-02-71-040324

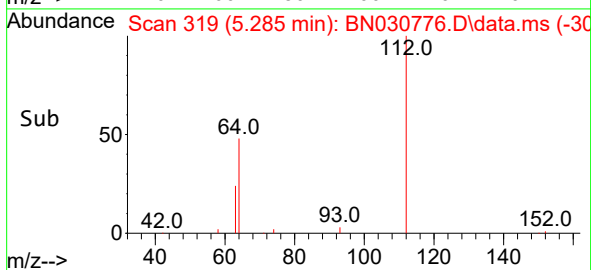
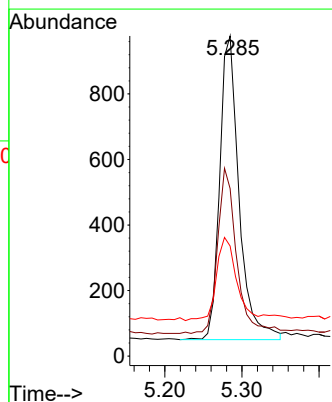
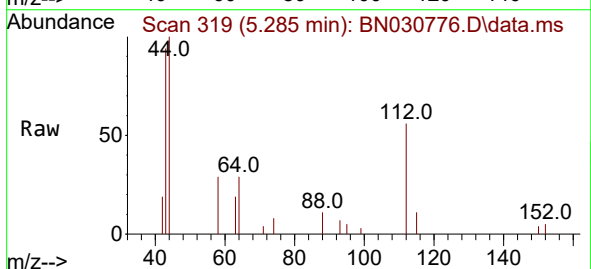


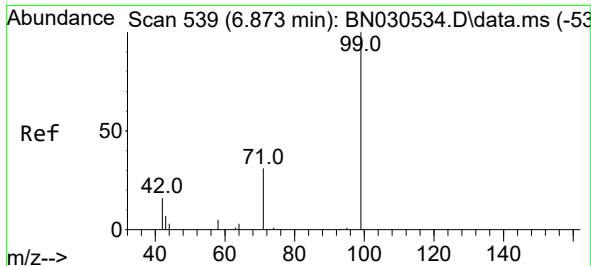
Tgt Ion:152 Resp: 4727
Ion Ratio Lower Upper
152 100
150 150.1 124.2 186.4
115 60.5 48.6 72.8



#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.285 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

Tgt Ion:112 Resp: 1619
Ion Ratio Lower Upper
112 100
64 53.2 43.2 64.8
63 28.2 22.5 33.7

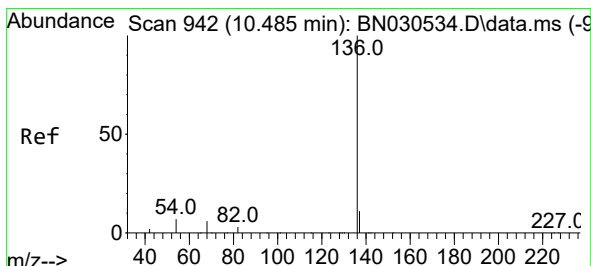
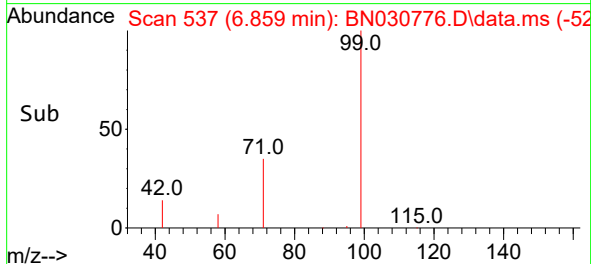
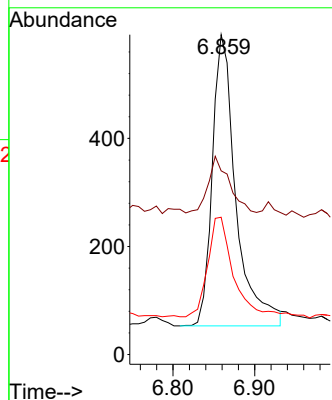
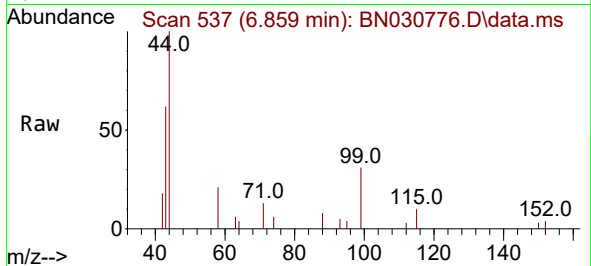




#5
Phenol-d6
Concen: 0.082 ng
RT: 6.859 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

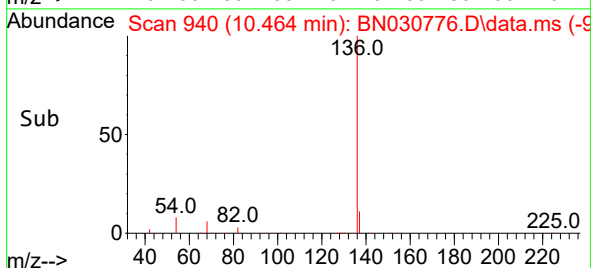
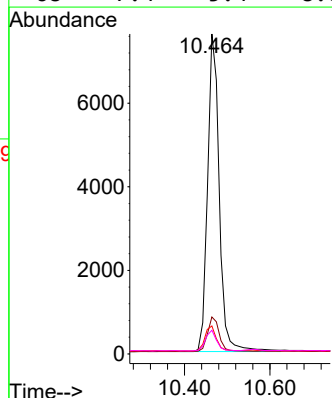
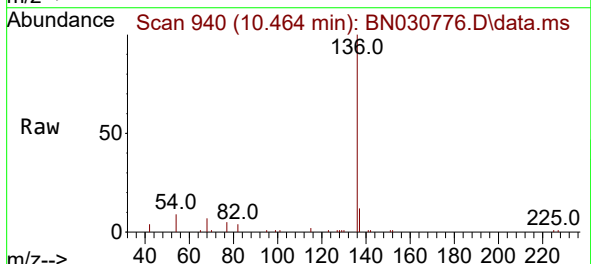
Instrument :
BNA_N
ClientSampleId :
RSB-02-71-040324

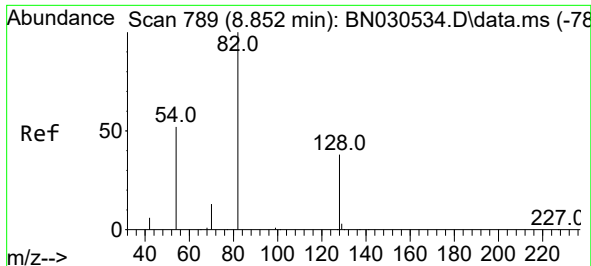
Tgt Ion: 99 Resp: 1084
Ion Ratio Lower Upper
99 100
42 17.3 15.8 23.6
71 36.7 25.9 38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.464 min Scan# 940
Delta R.T. -0.021 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

Tgt Ion: 136 Resp: 14420
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.7 6.4 9.6
68 7.4 5.4 8.0

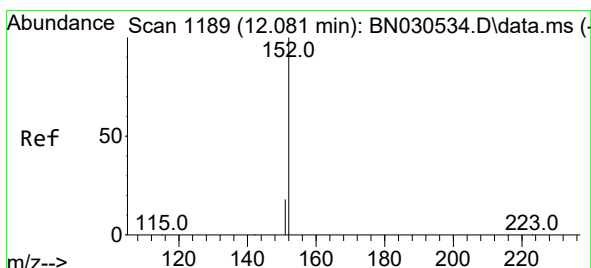
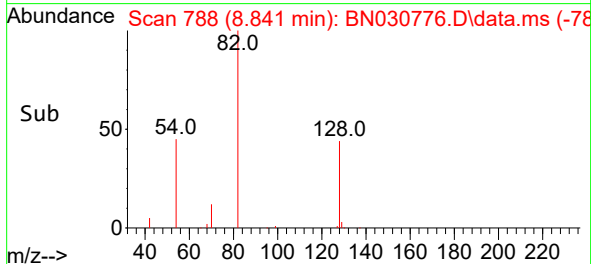
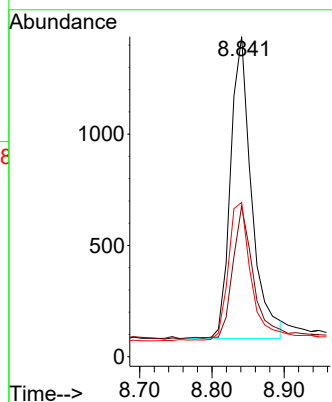
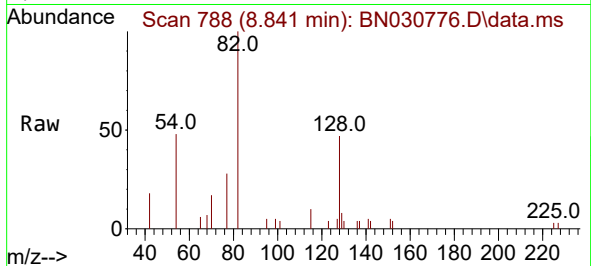




#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.841 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

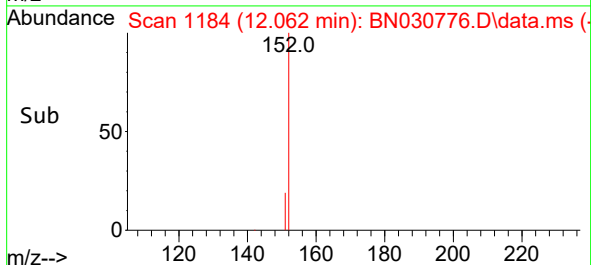
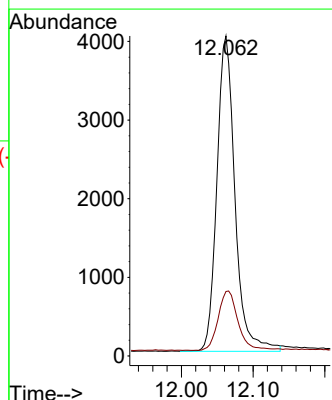
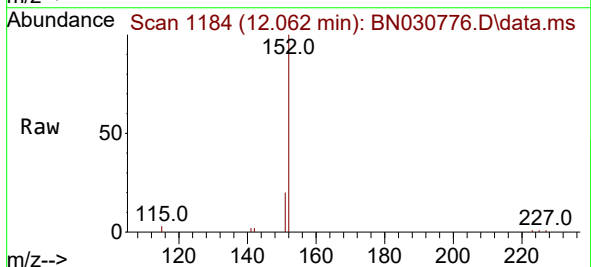
Instrument :
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ClientSampleId :
RSB-02-71-040324

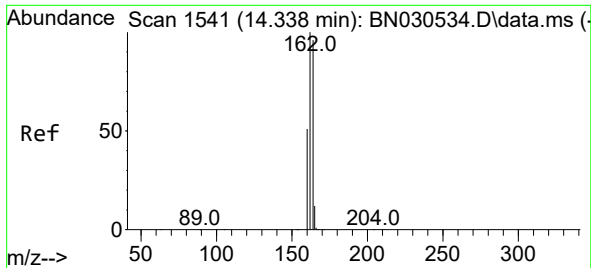
Tgt Ion: 82 Resp: 2741
Ion Ratio Lower Upper
82 100
128 47.1 32.3 48.5
54 48.2 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.062 min Scan# 1184
Delta R.T. -0.019 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

Tgt Ion: 152 Resp: 7018
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1

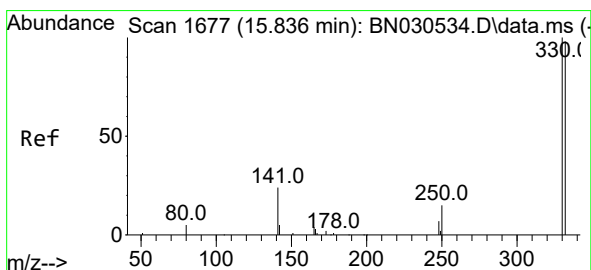
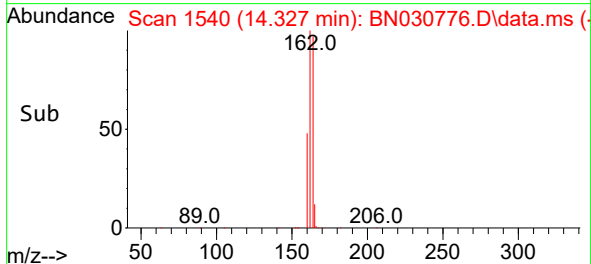
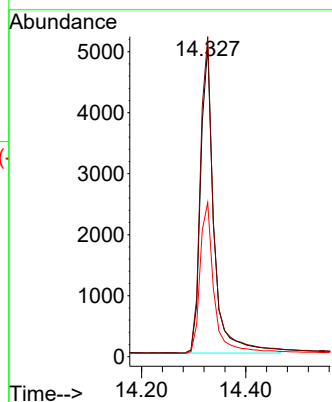
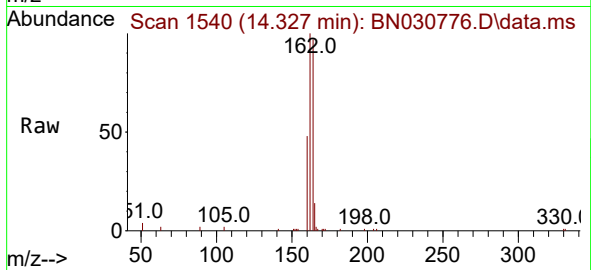




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.327 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN030776.D
 Acq: 08 Apr 2024 19:37

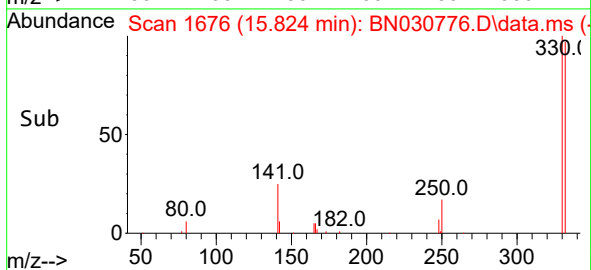
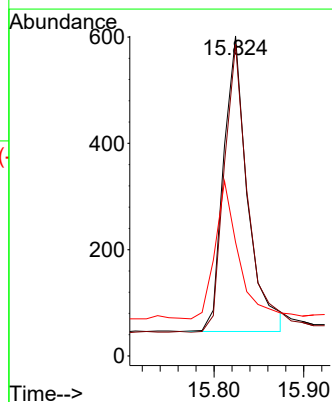
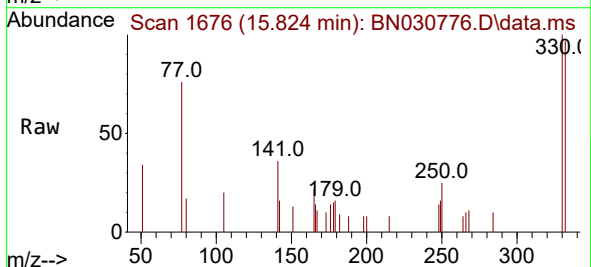
Instrument :
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 ClientSampleId :
 RSB-02-71-040324

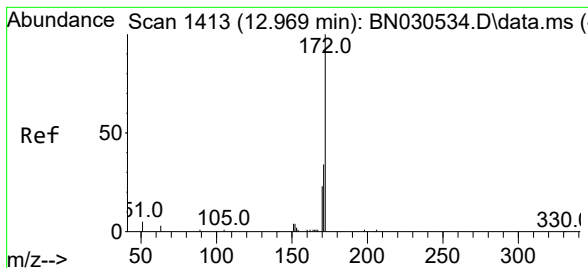
Tgt Ion:164 Resp: 9048
 Ion Ratio Lower Upper
 164 100
 162 103.1 83.5 125.3
 160 49.7 42.5 63.7



#14
 2,4,6-Tribromophenol
 Concen: 0.302 ng
 RT: 15.824 min Scan# 1676
 Delta R.T. -0.012 min
 Lab File: BN030776.D
 Acq: 08 Apr 2024 19:37

Tgt Ion:330 Resp: 1031
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 45.7 35.9 53.9

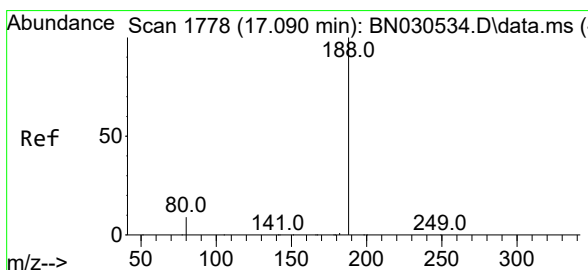
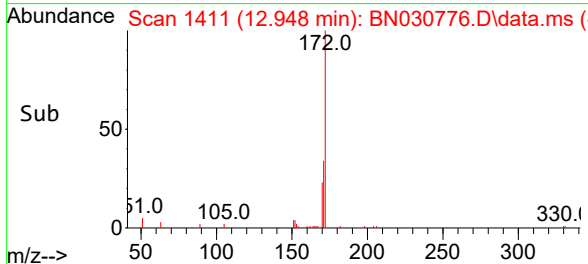
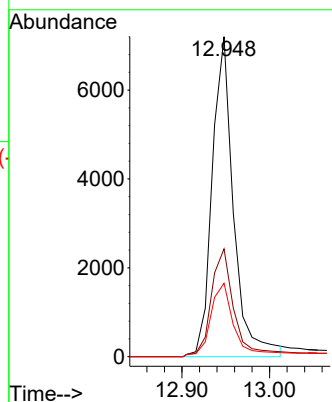
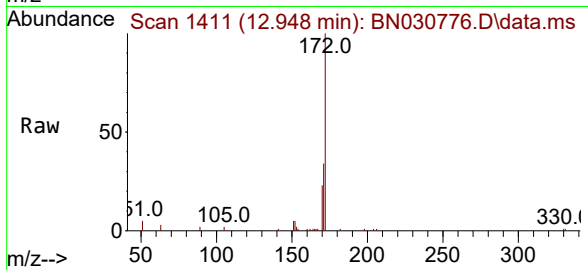




#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.948 min Scan# 1411
Delta R.T. -0.021 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

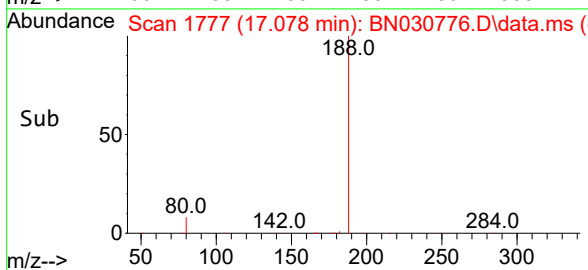
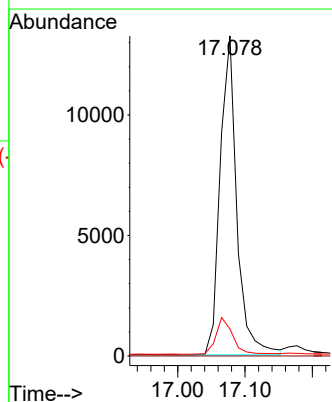
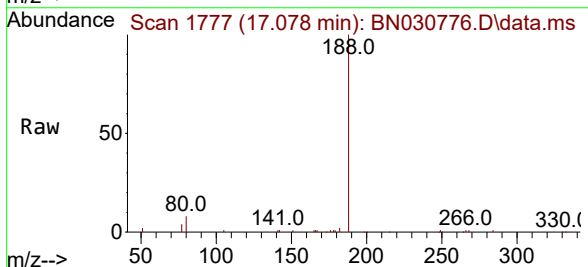
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ClientSampleId :
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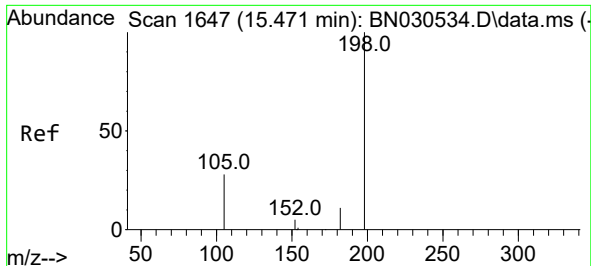
Tgt Ion:	172	Resp:	10925
Ion Ratio	Lower	Upper	
172	100		
171	33.7	27.1	40.7
170	22.9	18.3	27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1777
Delta R.T. -0.012 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

Tgt Ion:	188	Resp:	22725
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.4	7.4	11.0

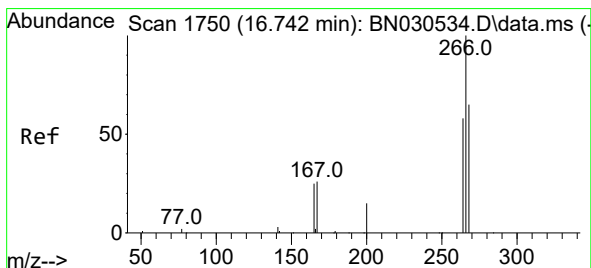
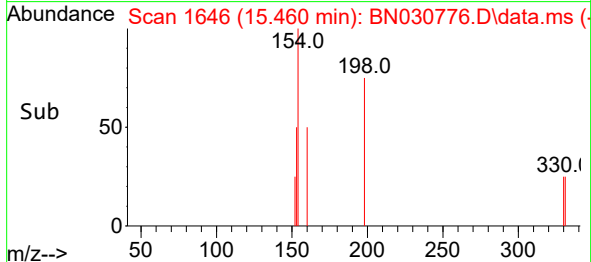
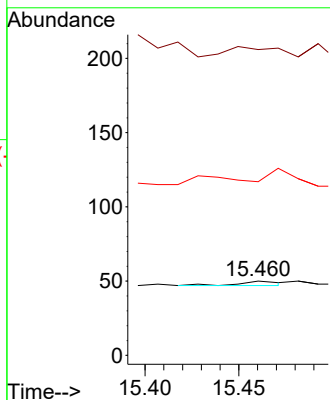
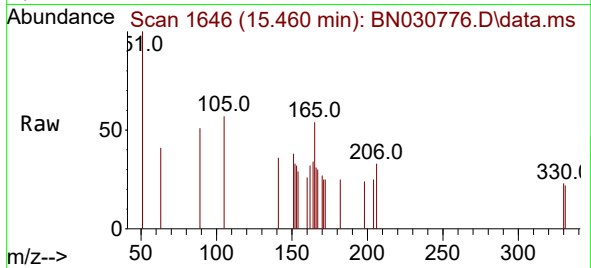




#20
4,6-Dinitro-2-methylphenol
Concen: 0.173 ng
RT: 15.460 min Scan# 1749
Delta R.T. -0.011 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

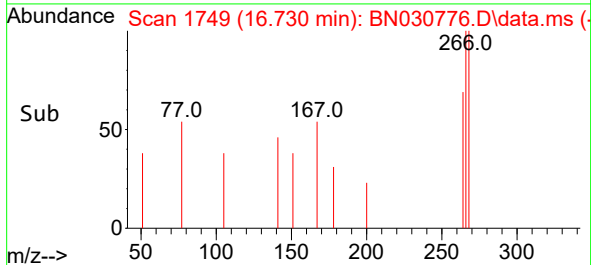
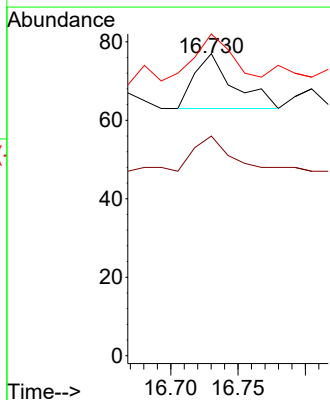
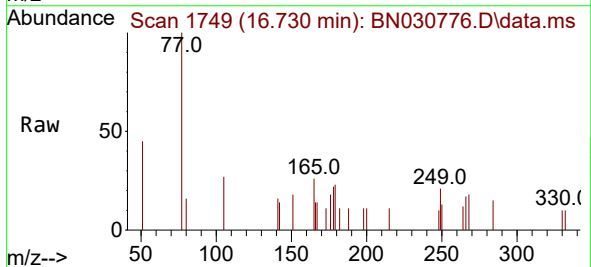
Instrument :
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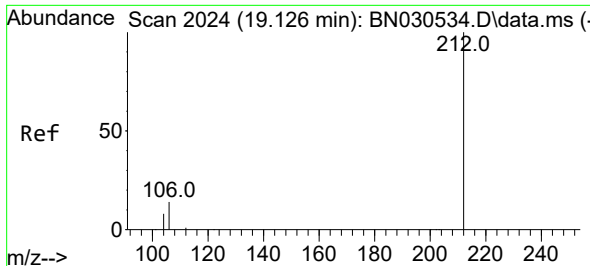
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 412.0 57.8 86.6#
105 234.0 37.5 56.3#



#24
Pentachlorophenol
Concen: 0.176 ng
RT: 16.730 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 89.3 48.7 73.1#
268 114.3 49.5 74.3#

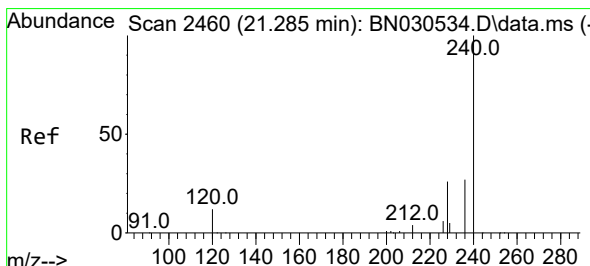
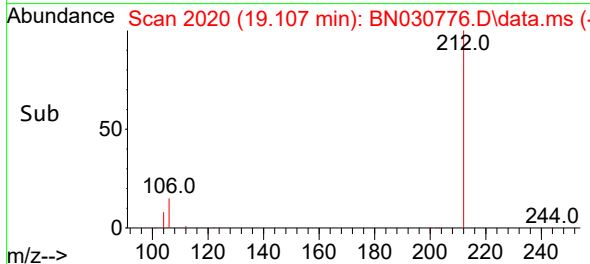
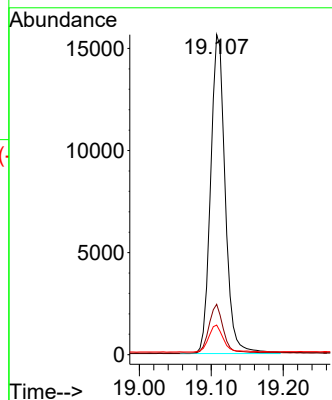
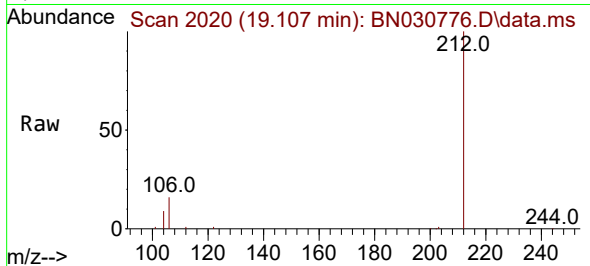




#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.107 min Scan# 20
Delta R.T. -0.019 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

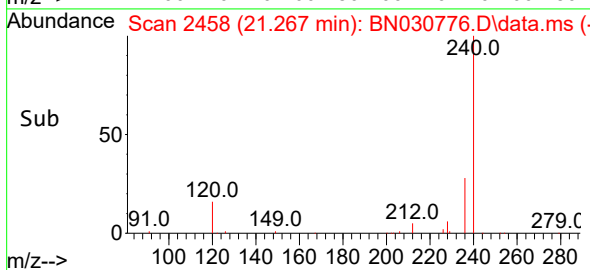
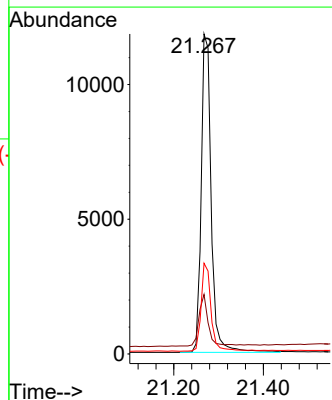
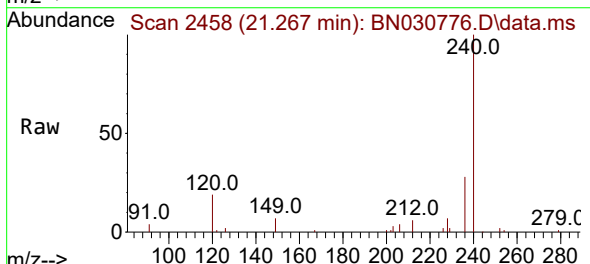
Instrument :
BNA_N
ClientSampleId :
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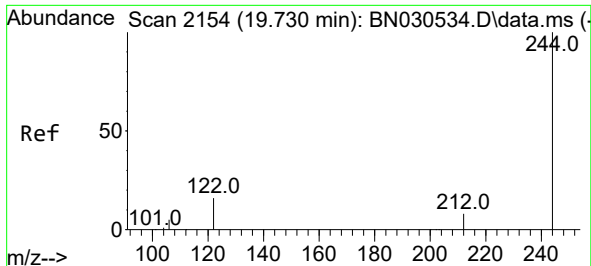
Tgt Ion:212 Resp: 21942
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.6
104 8.5 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.267 min Scan# 2458
Delta R.T. -0.018 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

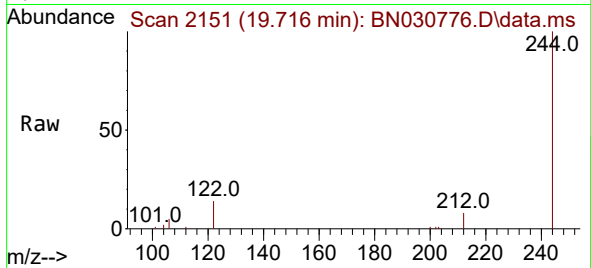
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Ion Ratio Lower Upper
240 100
120 18.6 10.6 15.8#
236 28.4 22.1 33.1



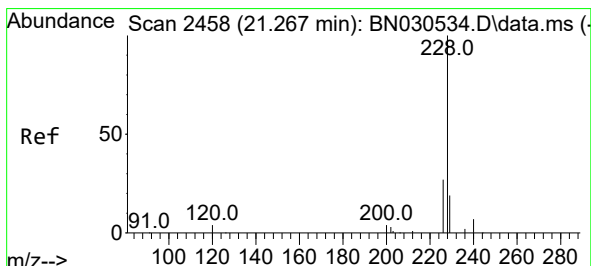
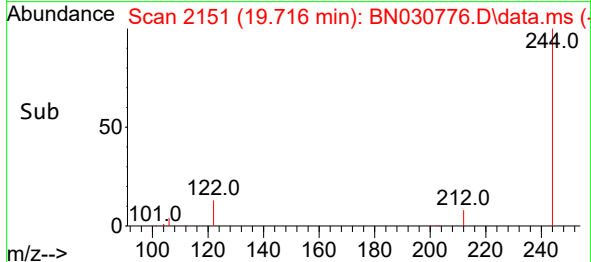
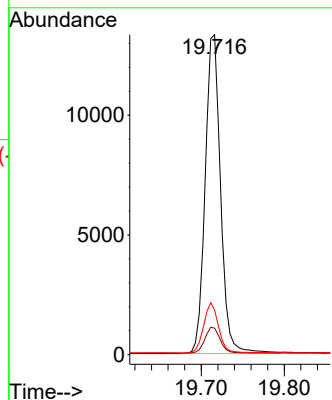


#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.716 min Scan# 2151
Delta R.T. -0.014 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

Instrument :
BNA_N
ClientSampleId :
RSB-02-71-040324

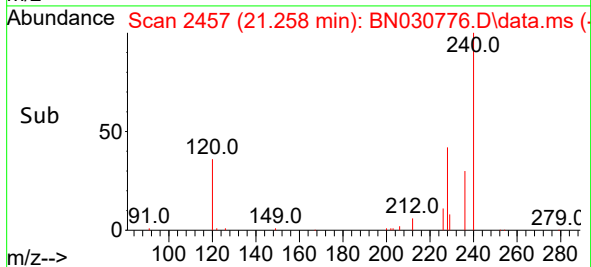
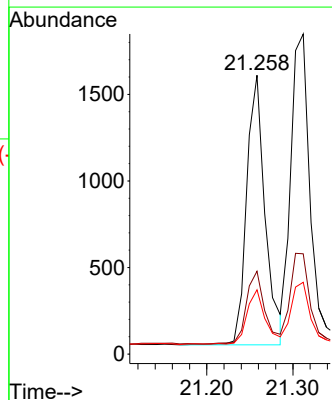
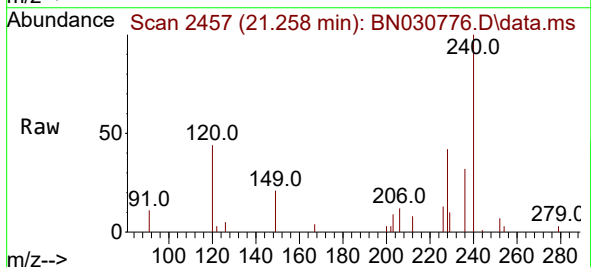


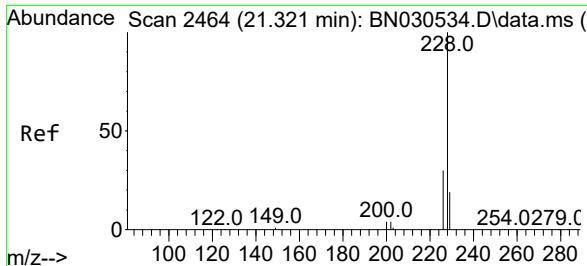
Tgt Ion:244 Resp: 17271
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 13.9 12.7 19.1



#32
Benzo(a)anthracene
Concen: 0.036 ng
RT: 21.258 min Scan# 2457
Delta R.T. -0.009 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

Tgt Ion:228 Resp: 2322
Ion Ratio Lower Upper
228 100
226 29.7 21.8 32.8
229 23.0 15.4 23.2





#33

Chrysene

Concen: 0.039 ng

RT: 21.312 min Scan# 2463

Delta R.T. -0.009 min

Lab File: BN030776.D

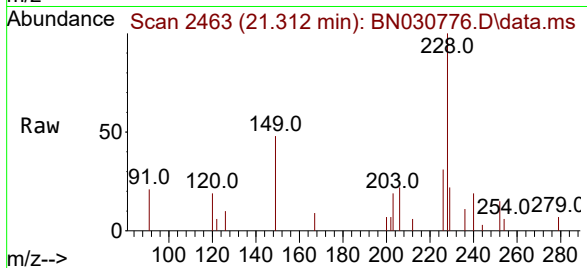
Acq: 08 Apr 2024 19:37

Instrument :

BNA_N

ClientSampleId :

RSB-02-71-040324



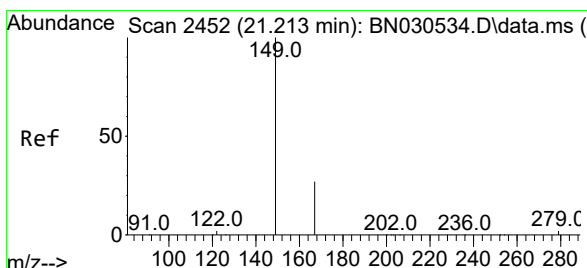
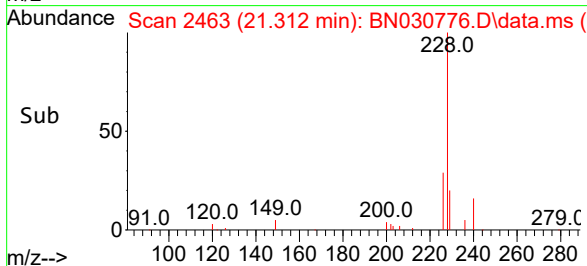
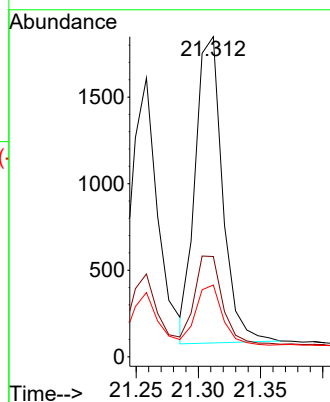
Tgt Ion:228 Resp: 2703

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 22.4 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.068 ng

RT: 21.187 min Scan# 2449

Delta R.T. -0.027 min

Lab File: BN030776.D

Acq: 08 Apr 2024 19:37

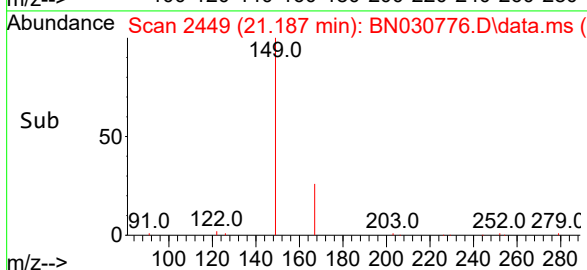
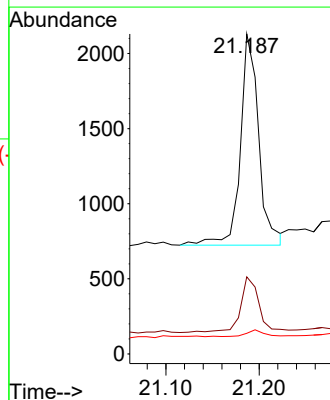
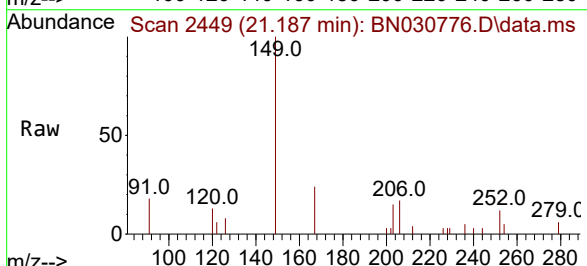
Tgt Ion:149 Resp: 1931

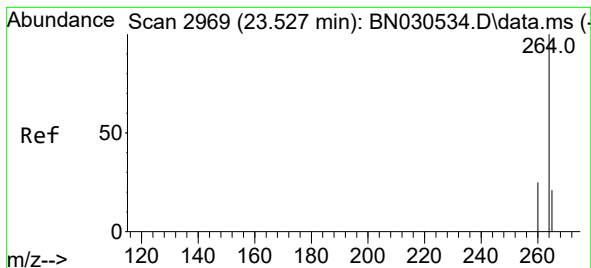
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.1 2.3 3.5





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.510 min Scan# 2963

Delta R.T. -0.017 min

Lab File: BN030776.D

Acq: 08 Apr 2024 19:37

Instrument :

BNA_N

ClientSampleId :

RSB-02-71-040324

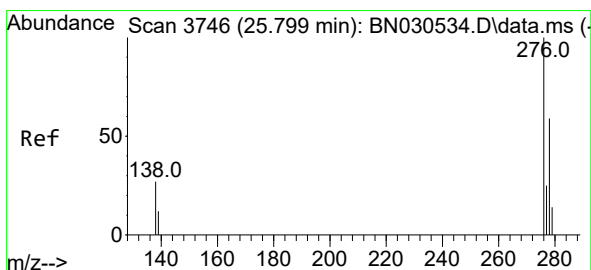
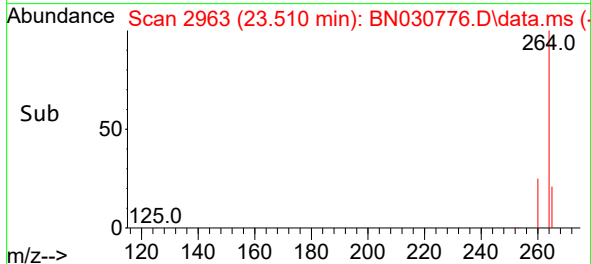
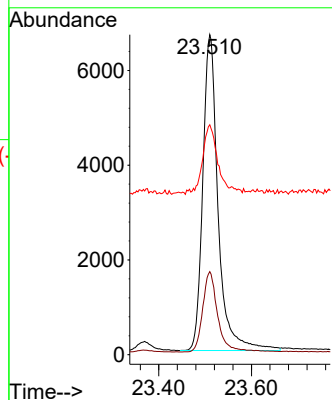
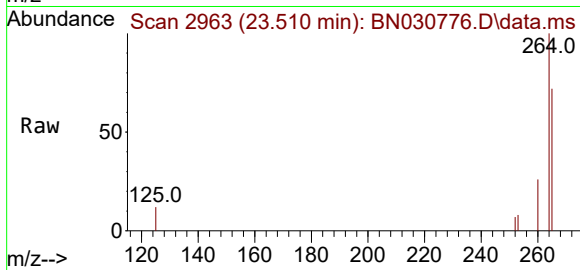
Tgt Ion:264 Resp: 15278

Ion Ratio Lower Upper

264 100

260 25.9 20.6 30.8

265 71.8 41.8 62.8#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.021 ng

RT: 25.776 min Scan# 3738

Delta R.T. -0.023 min

Lab File: BN030776.D

Acq: 08 Apr 2024 19:37

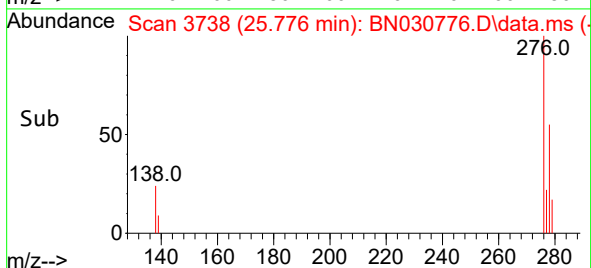
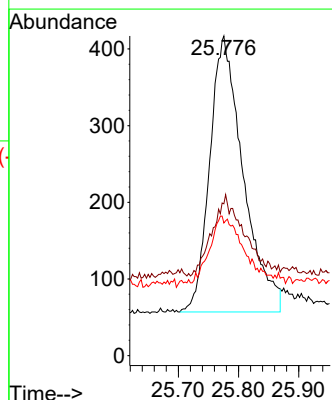
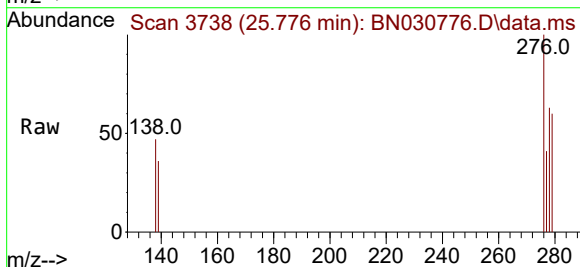
Tgt Ion:276 Resp: 1389

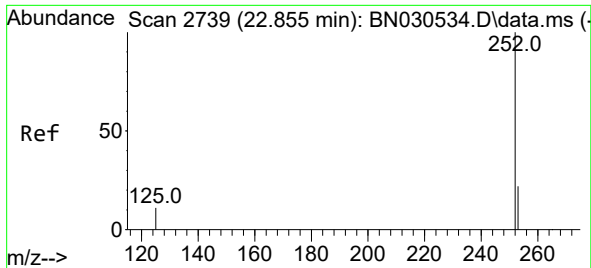
Ion Ratio Lower Upper

276 100

138 27.3 23.0 34.4

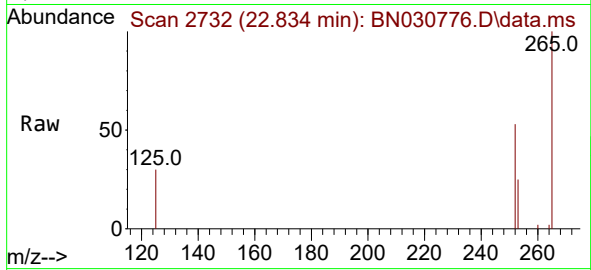
277 22.8 20.1 30.1



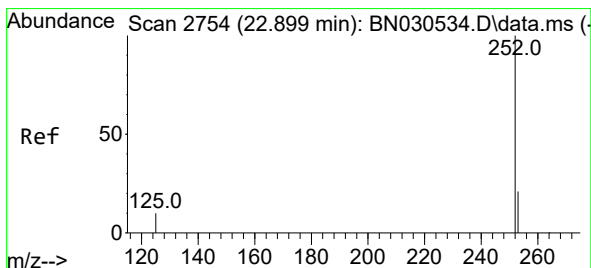
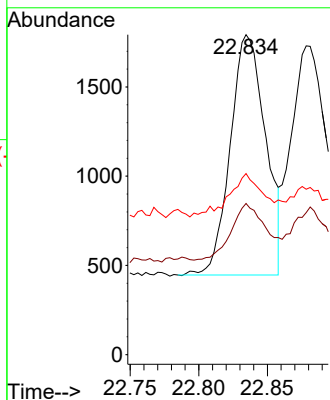


#37
Benzo(b)fluoranthene
Concen: 0.039 ng
RT: 22.834 min Scan# 21
Delta R.T. -0.020 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

Instrument :
BNA_N
ClientSampleId :
RSB-02-71-040324

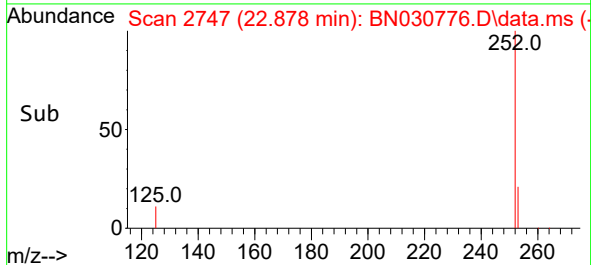
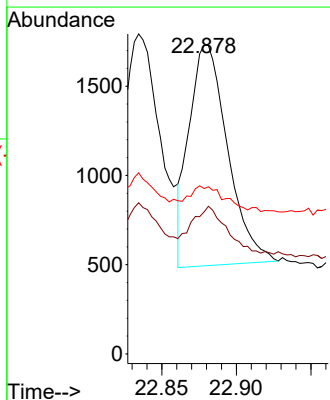
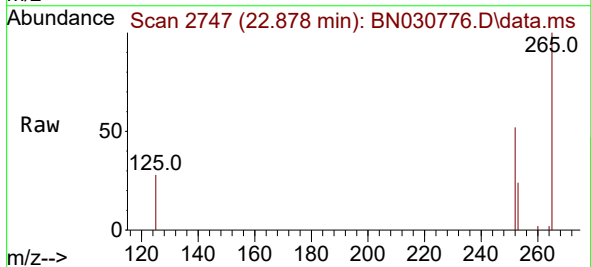


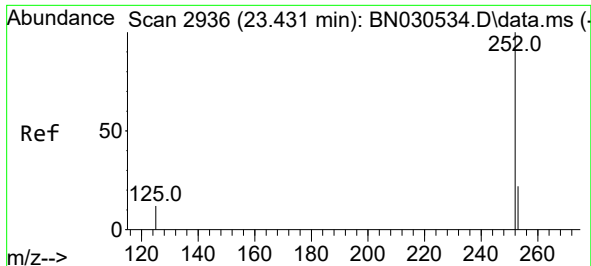
Tgt Ion:252 Resp: 2413
Ion Ratio Lower Upper
252 100
253 47.2 19.2 28.8#
125 56.6 11.7 17.5#



#38
Benzo(k)fluoranthene
Concen: 0.036 ng
RT: 22.878 min Scan# 2747
Delta R.T. -0.020 min
Lab File: BN030776.D
Acq: 08 Apr 2024 19:37

Tgt Ion:252 Resp: 2230
Ion Ratio Lower Upper
252 100
253 46.0 18.9 28.3#
125 53.6 11.5 17.3#





#39

Benzo(a)pyrene

Concen: 0.029 ng

RT: 23.410 min Scan# 2936

Delta R.T. -0.020 min

Lab File: BN030776.D

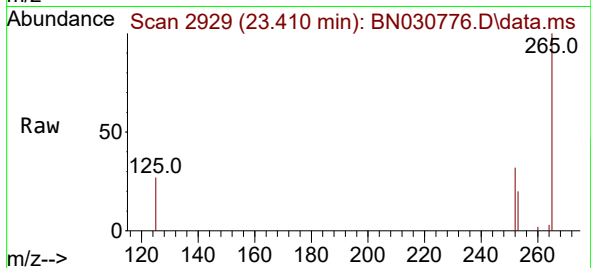
Acq: 08 Apr 2024 19:37

Instrument :

BNA_N

ClientSampleId :

RSB-02-71-040324



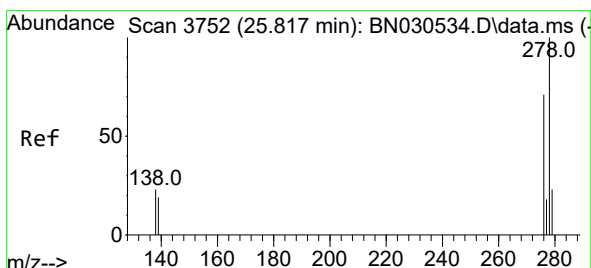
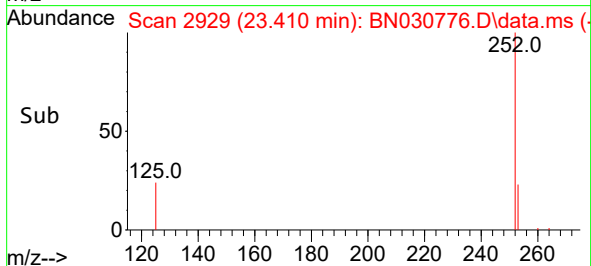
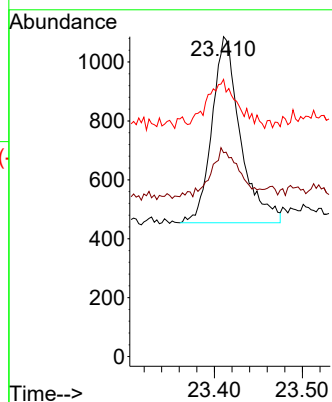
Tgt Ion:252 Resp: 1419

Ion Ratio Lower Upper

252 100

253 63.7 20.0 30.0#

125 86.6 14.3 21.5#



#40

Dibenzo(a,h)anthracene

Concen: 0.020 ng

RT: 25.796 min Scan# 3745

Delta R.T. -0.020 min

Lab File: BN030776.D

Acq: 08 Apr 2024 19:37

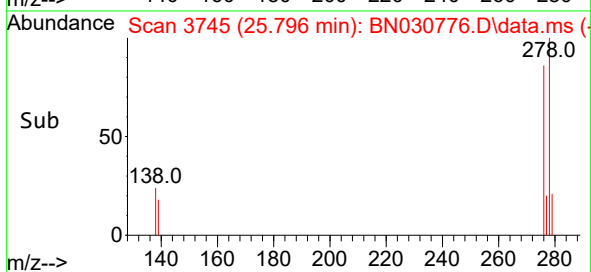
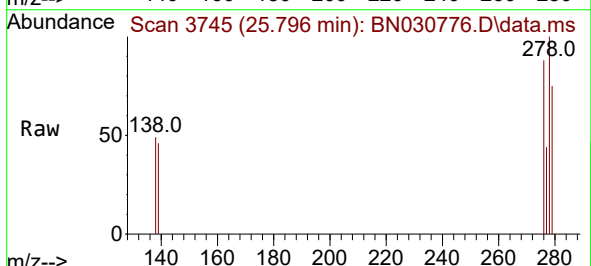
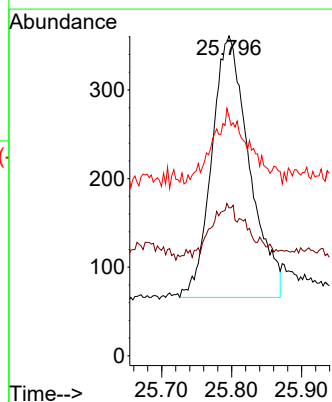
Tgt Ion:278 Resp: 1099

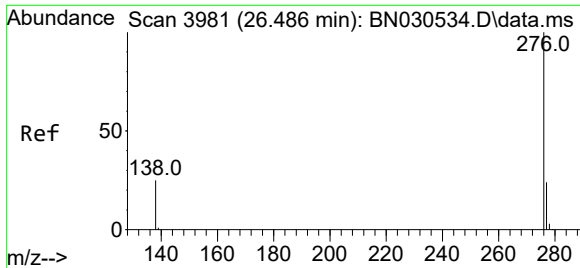
Ion Ratio Lower Upper

278 100

139 46.3 16.2 24.2#

279 74.8 20.6 30.8#





#41

Benzo(g,h,i)perylene

Concen: 0.021 ng

RT: 26.463 min Scan# 39

Delta R.T. -0.023 min

Lab File: BN030776.D

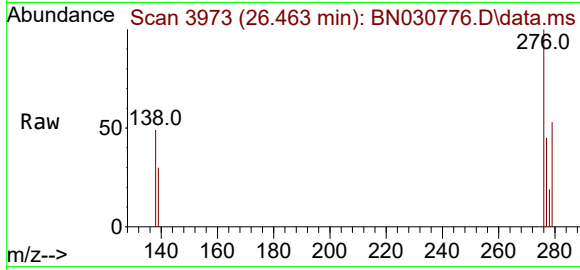
Acq: 08 Apr 2024 19:37

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:276 Resp: 1199

Ion Ratio Lower Upper

276 100

277 45.3 19.8 29.6#

138 48.8 20.6 31.0#

