

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029961.D
 Acq On : 23 Feb 2024 17:53
 Operator : MA/JU
 Sample : P1506-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-EB-20240215

Quant Time: Feb 24 02:21:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

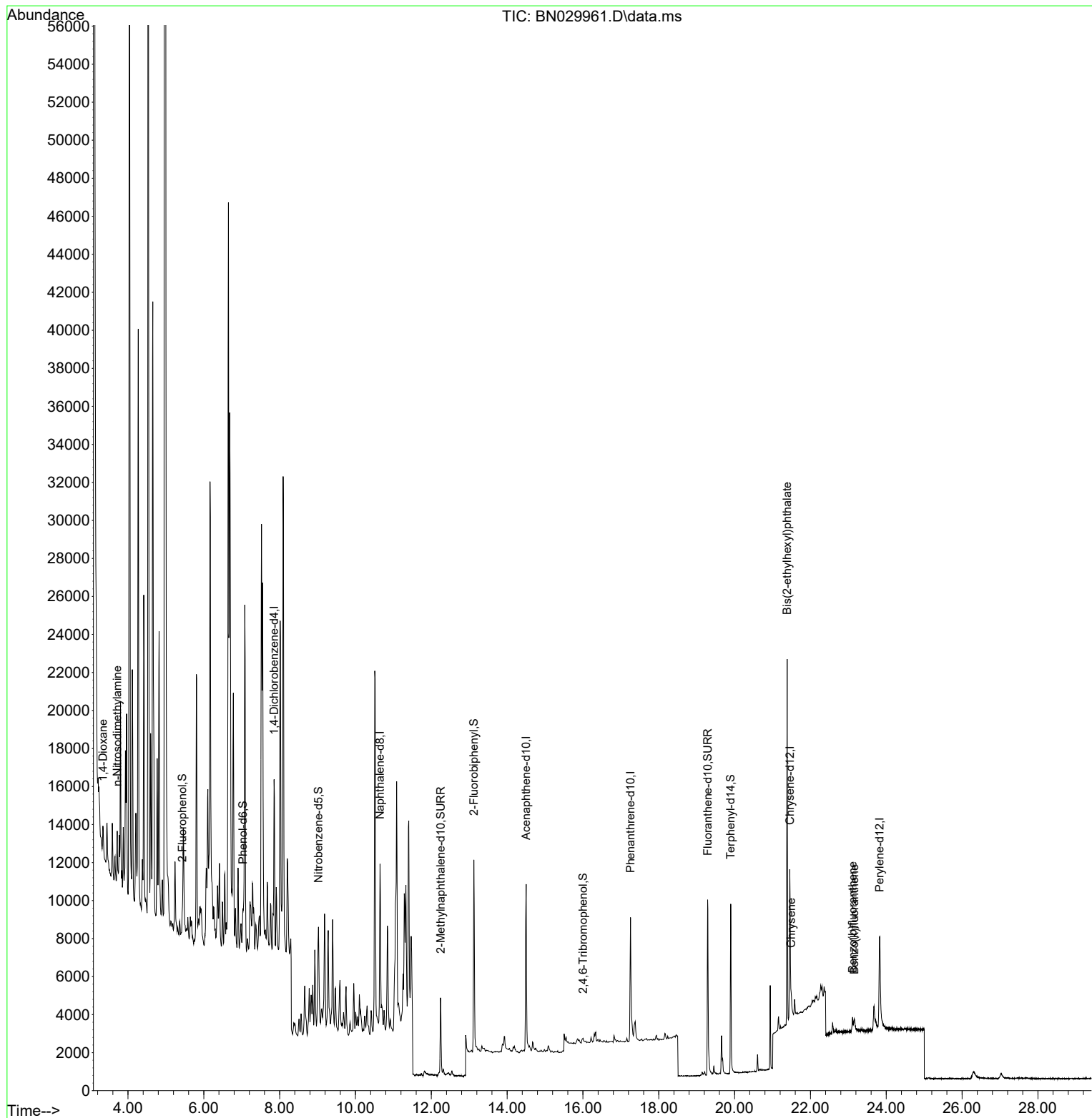
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4813	0.400	ng	-0.01
7) Naphthalene-d8	10.648	136	12421	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	5887	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	10685	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9422	0.400	ng	0.00
35) Perylene-d12	23.823	264	8920	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	997	0.086	ng	0.00
5) Phenol-d6	7.031	99	1322	0.099	ng	0.00
8) Nitrobenzene-d5	9.025	82	4469	0.432	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	6084	0.360	ng	-0.01
14) 2,4,6-Tribromophenol	16.002	330	135	0.071	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	9670	0.383	ng	-0.01
27) Fluoranthene-d10	19.289	212	11801	0.456	ng	0.00
31) Terphenyl-d14	19.898	244	9664	0.413	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	279	0.041	ng	# 1
3) n-Nitrosodimethylamine	3.716	42	720	0.130	ng	# 1
33) Chrysene	21.492	228	750	0.021	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.384	149	16602	0.757	ng	100
37) Benzo(b)fluoranthene	23.110	252	1124	0.035	ng	# 1
38) Benzo(k)fluoranthene	23.157	252	816	0.024	ng	# 1

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

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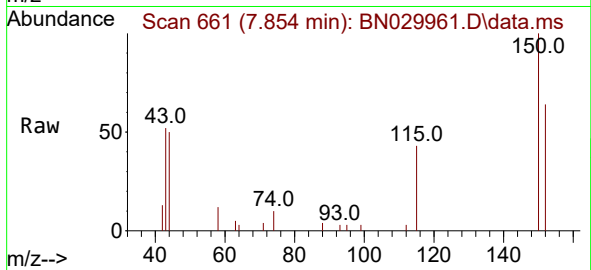
Quant Time: Feb 24 02:21:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration



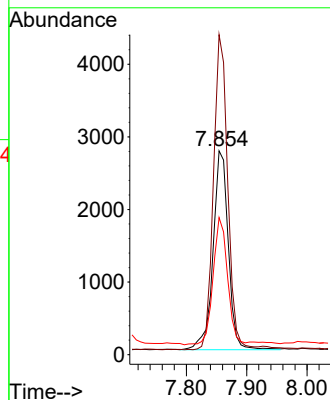
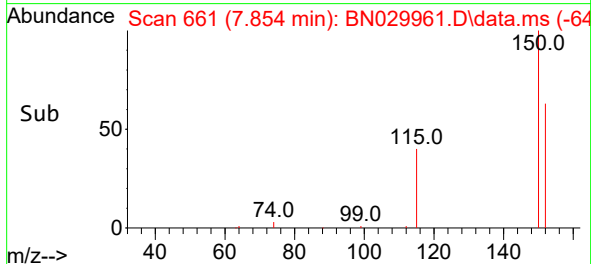


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN029961.D
 Acq: 23 Feb 2024 17:53

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-EB-20240215

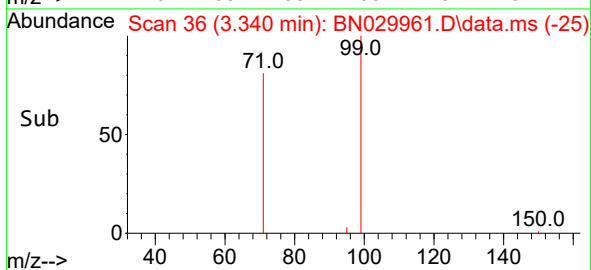
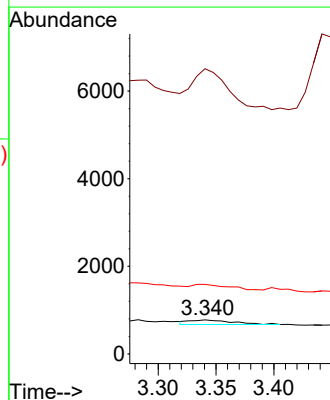
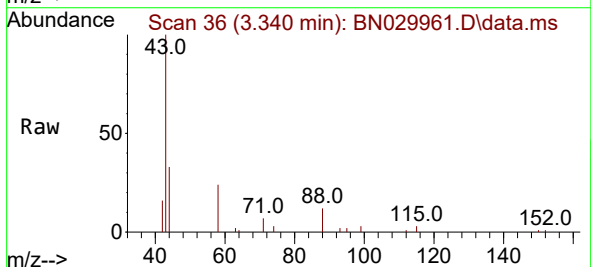


Tgt Ion:152 Resp: 4813
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.0 184.4
 115 67.3 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.041 ng
 RT: 3.340 min Scan# 36
 Delta R.T. -0.022 min
 Lab File: BN029961.D
 Acq: 23 Feb 2024 17:53

Tgt Ion: 88 Resp: 279
 Ion Ratio Lower Upper
 88 100
 43 714.0 23.3 34.9#
 58 93.2 53.8 80.6#

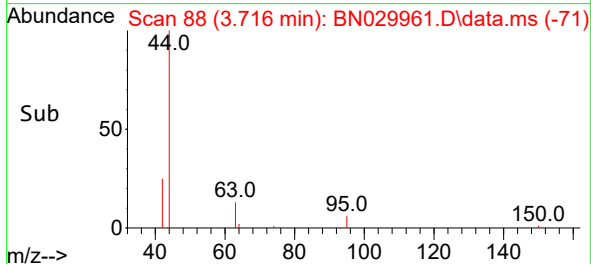
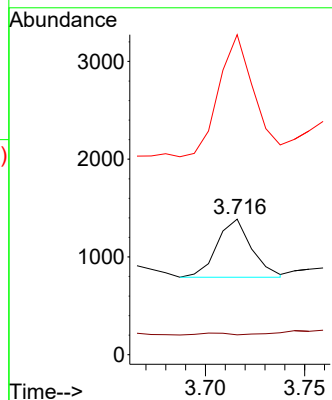
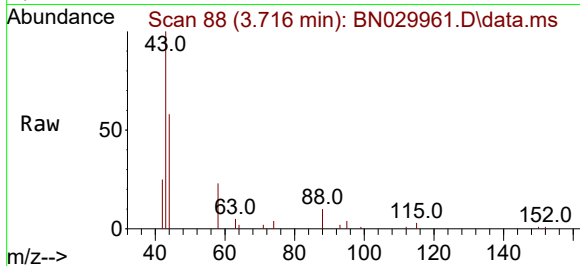




#3
 n-Nitrosodimethylamine
 Concen: 0.130 ng
 RT: 3.716 min Scan# 81
 Delta R.T. 0.022 min
 Lab File: BN029961.D
 Acq: 23 Feb 2024 17:53

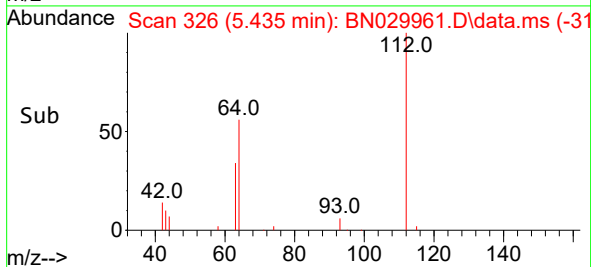
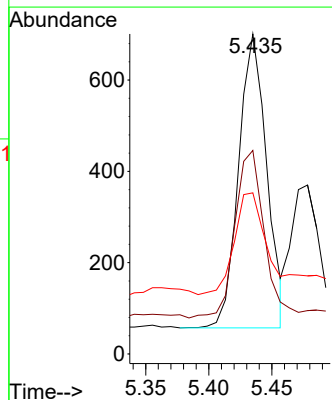
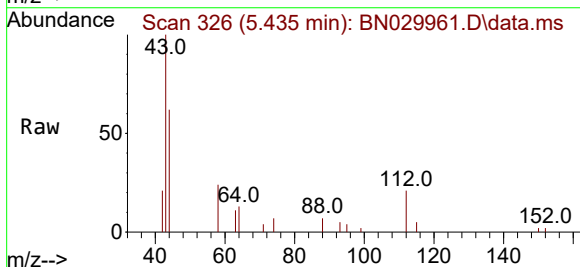
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-EB-20240215

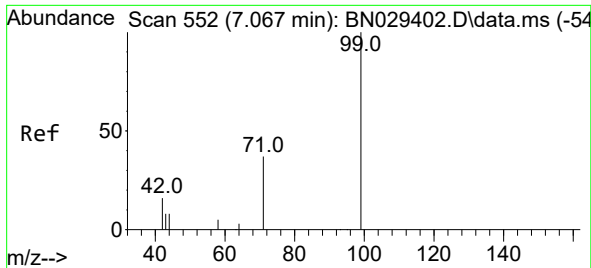
Tgt Ion: 42 Resp: 720
 Ion Ratio Lower Upper
 42 100
 74 2.9 93.7 140.5#
 44 212.8 13.0 19.4#



#4
 2-Fluorophenol
 Concen: 0.086 ng
 RT: 5.435 min Scan# 326
 Delta R.T. -0.007 min
 Lab File: BN029961.D
 Acq: 23 Feb 2024 17:53

Tgt Ion: 112 Resp: 997
 Ion Ratio Lower Upper
 112 100
 64 60.0 47.2 70.8
 63 52.8 25.8 38.6#

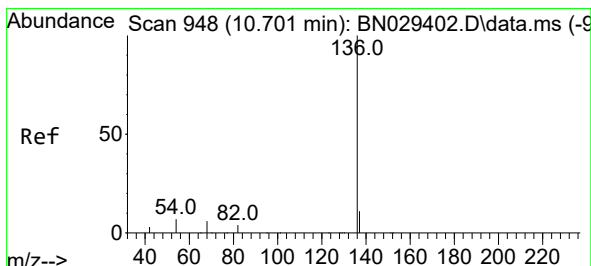
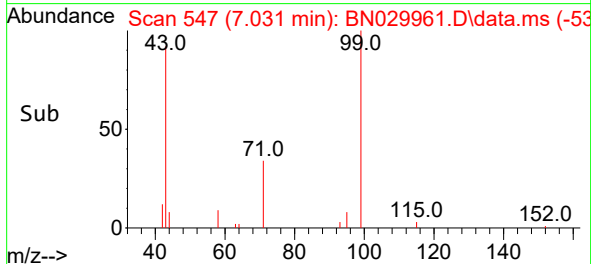
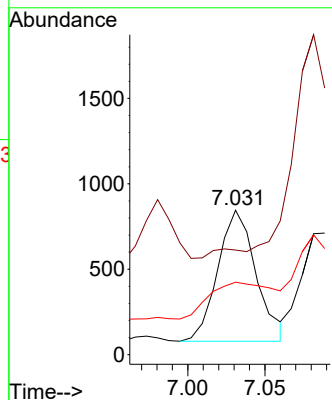
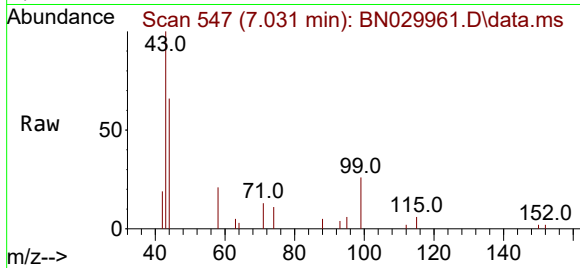




#5
Phenol-d6
Concen: 0.099 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029961.D
Acq: 23 Feb 2024 17:53

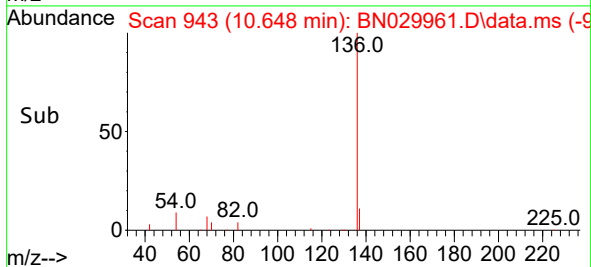
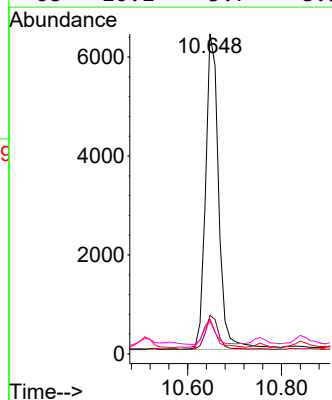
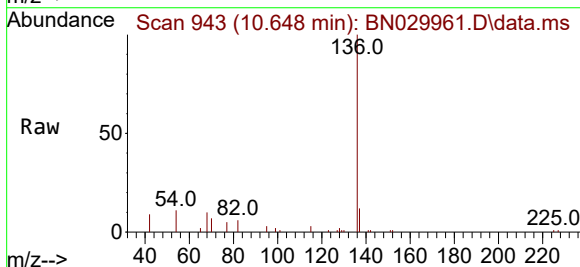
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-EB-20240215

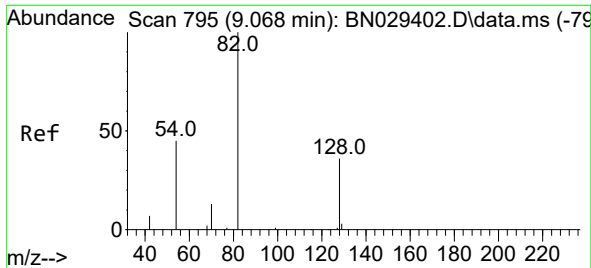
Tgt Ion: 99 Resp: 1322
Ion Ratio Lower Upper
99 100
42 0.0 16.9 25.3#
71 62.6 30.0 45.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.021 min
Lab File: BN029961.D
Acq: 23 Feb 2024 17:53

Tgt Ion: 136 Resp: 12421
Ion Ratio Lower Upper
136 100
137 12.1 9.7 14.5
54 10.8 6.6 10.0#
68 10.1 5.7 8.5#

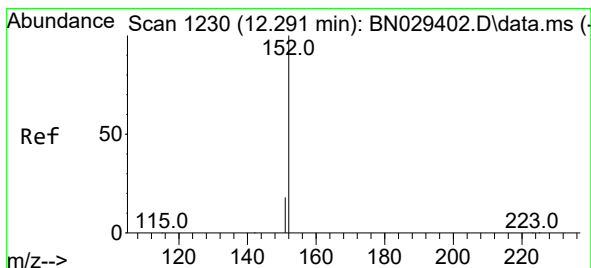
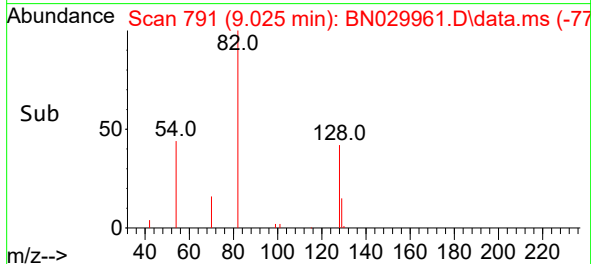
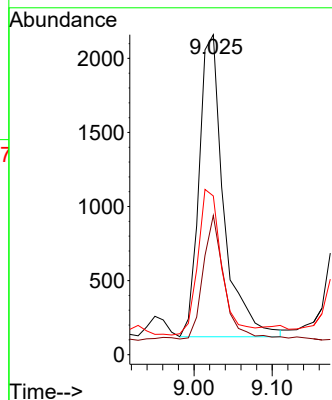
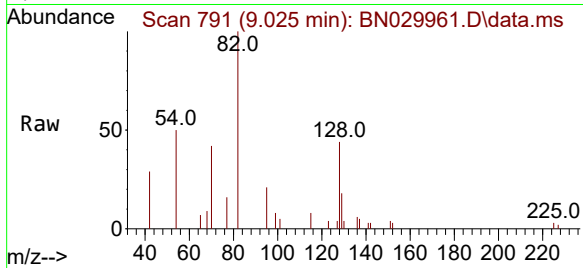




#8
 Nitrobenzene-d5
 Concen: 0.432 ng
 RT: 9.025 min Scan# 791
 Delta R.T. -0.011 min
 Lab File: BN029961.D
 Acq: 23 Feb 2024 17:53

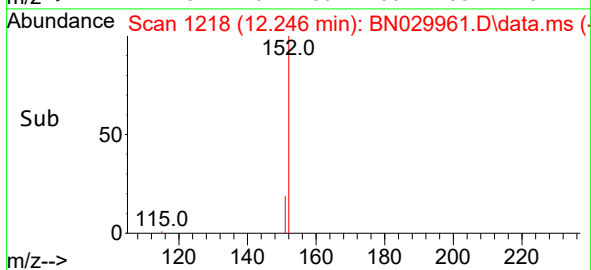
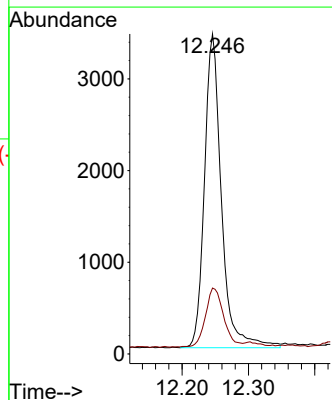
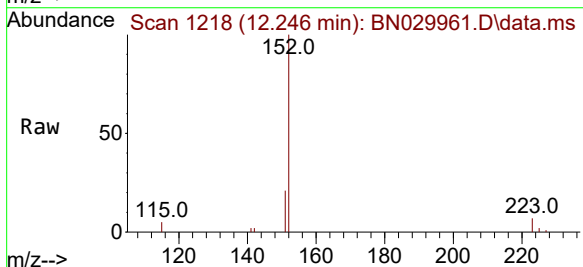
Instrument :
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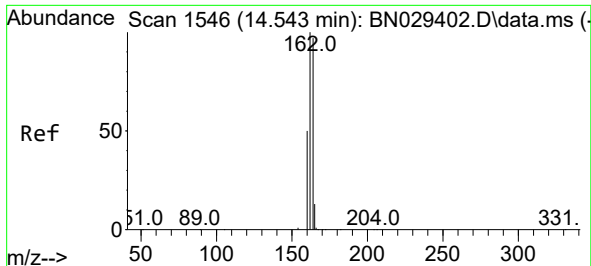
Tgt Ion:	82	Resp:	4469
Ion	Ratio	Lower	Upper
82	100		
128	43.5	31.6	47.4
54	49.6	38.2	57.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.360 ng
 RT: 12.246 min Scan# 1218
 Delta R.T. -0.011 min
 Lab File: BN029961.D
 Acq: 23 Feb 2024 17:53

Tgt Ion:	152	Resp:	6084
Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.1	25.7

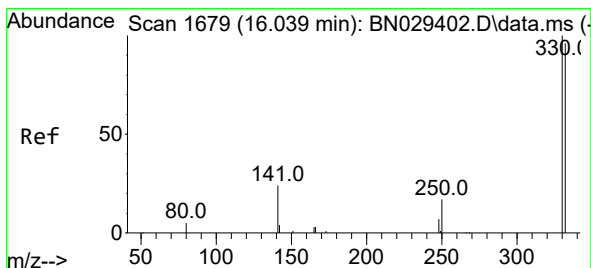
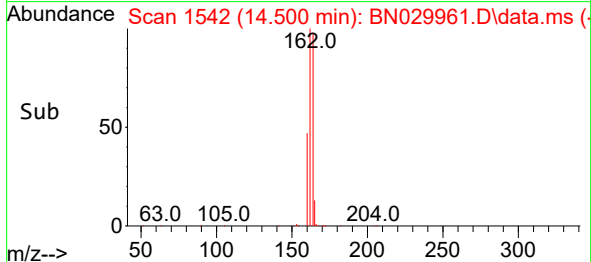
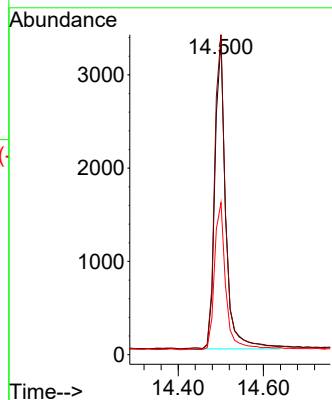
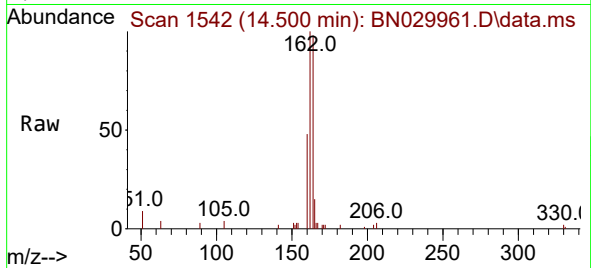




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029961.D
Acq: 23 Feb 2024 17:53

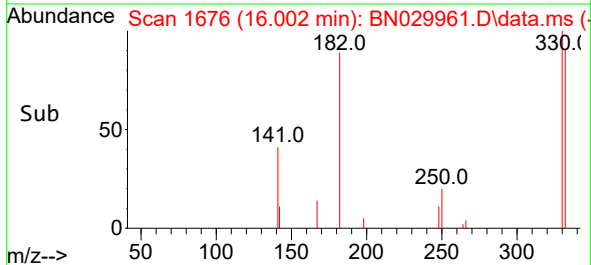
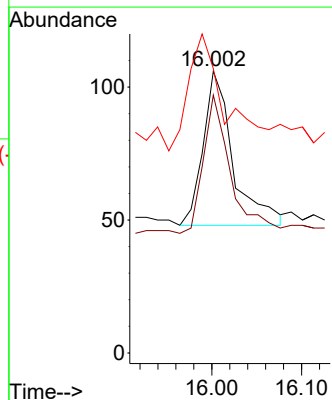
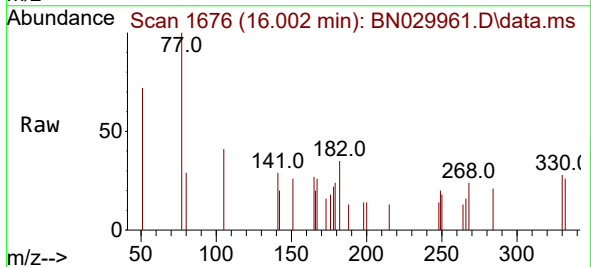
Instrument :
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ClientSampleId :
BP-VPB-195-EB-20240215

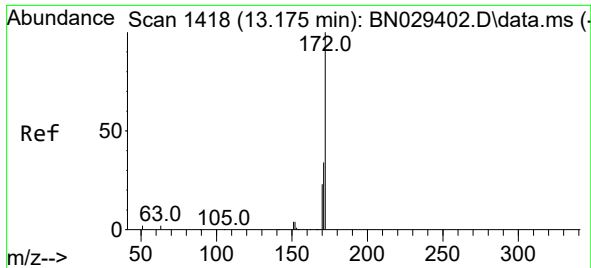
Tgt Ion:164 Resp: 5887
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 48.4 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.071 ng
RT: 16.002 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN029961.D
Acq: 23 Feb 2024 17:53

Tgt Ion:330 Resp: 135
Ion Ratio Lower Upper
330 100
332 80.7 76.0 114.0
141 93.3 43.4 65.2#

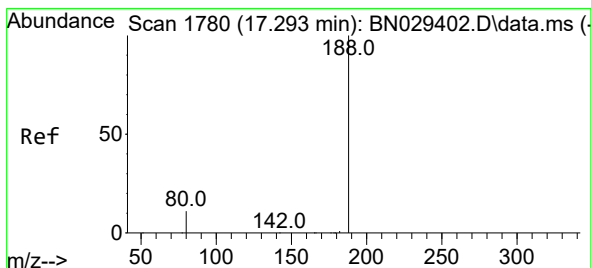
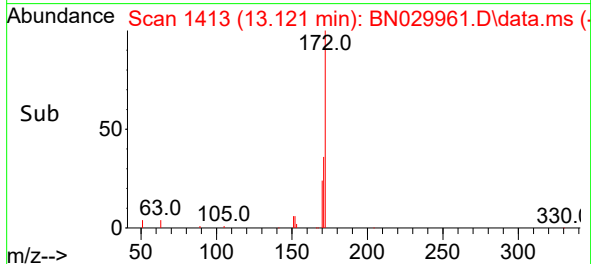
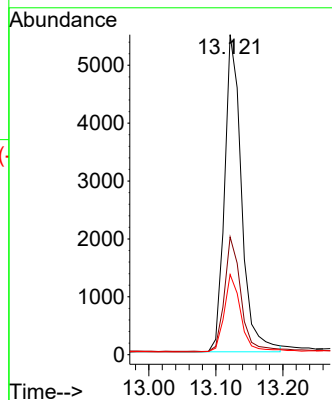
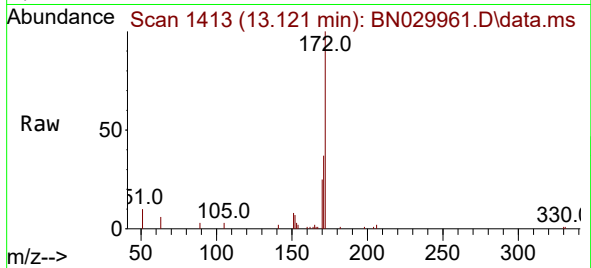




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.121 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BN029961.D
Acq: 23 Feb 2024 17:53

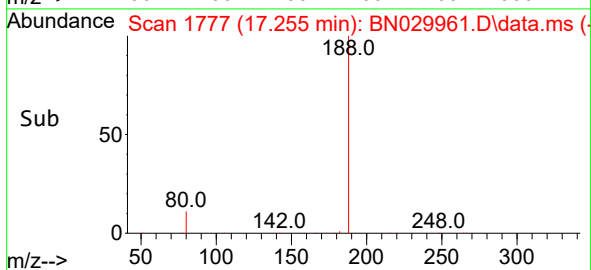
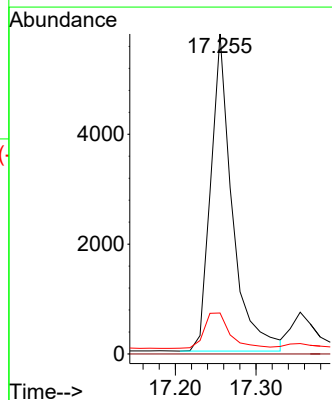
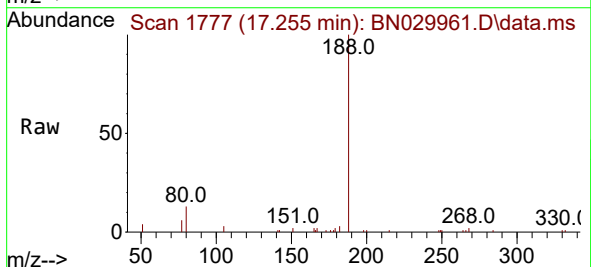
Instrument :
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ClientSampleId :
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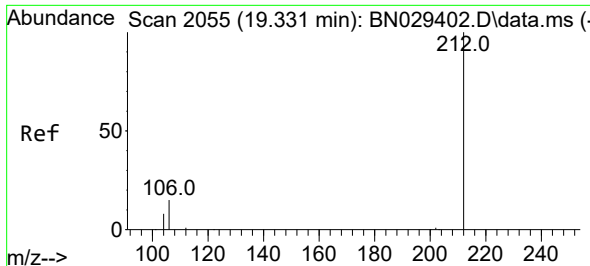
Tgt Ion:172 Resp: 9670
Ion Ratio Lower Upper
172 100
171 36.8 28.0 42.0
170 25.0 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN029961.D
Acq: 23 Feb 2024 17:53

Tgt Ion:188 Resp: 10685
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 10.0 15.0

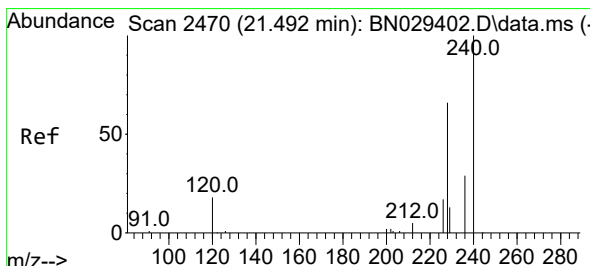
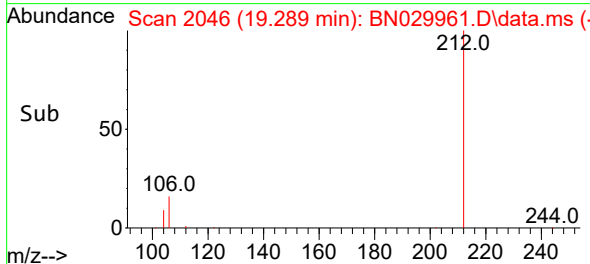
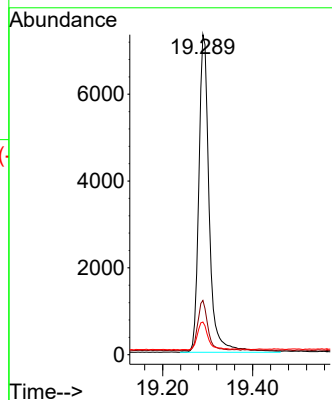
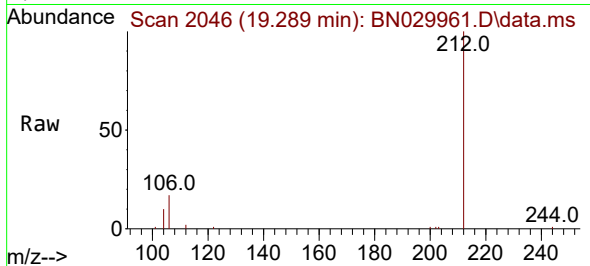




#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.289 min Scan# 2046
Delta R.T. -0.009 min
Lab File: BN029961.D
Acq: 23 Feb 2024 17:53

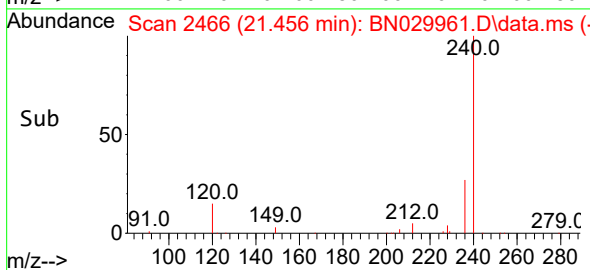
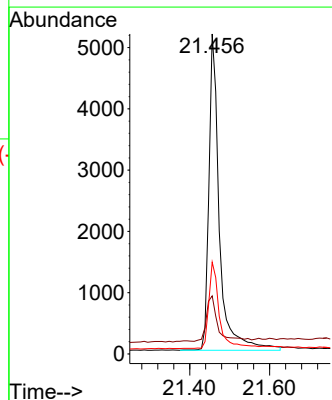
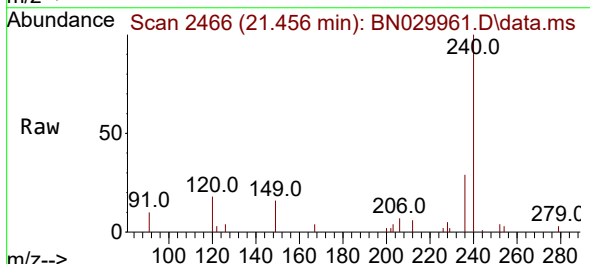
Instrument :
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BP-VPB-195-EB-20240215

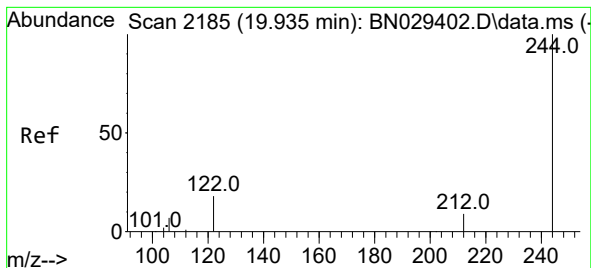
Tgt Ion:212 Resp: 11801
Ion Ratio Lower Upper
212 100
106 15.4 13.2 19.8
104 9.1 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BN029961.D
Acq: 23 Feb 2024 17:53

Tgt Ion:240 Resp: 9422
Ion Ratio Lower Upper
240 100
120 18.2 16.7 25.1
236 28.7 23.9 35.9





#31

Terphenyl-d14

Concen: 0.413 ng

RT: 19.898 min Scan# 2185

Delta R.T. -0.009 min

Lab File: BN029961.D

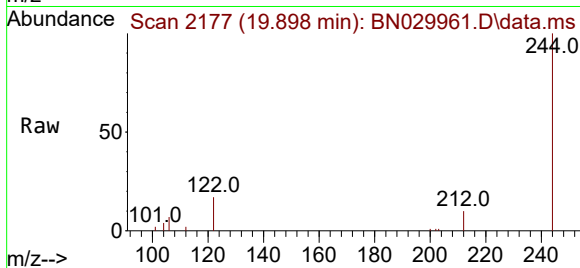
Acq: 23 Feb 2024 17:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-EB-20240215



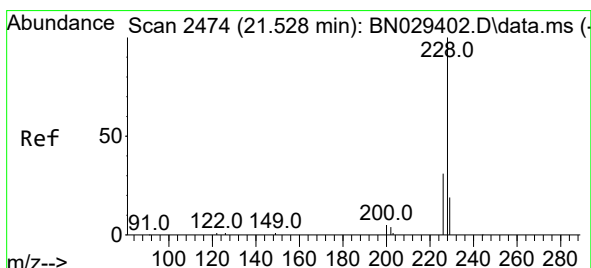
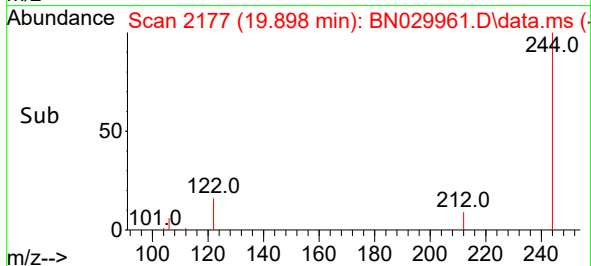
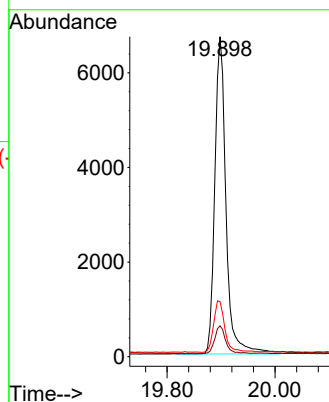
Tgt Ion:244 Resp: 9664

Ion Ratio Lower Upper

244 100

212 9.7 8.2 12.4

122 17.2 15.6 23.4



#33

Chrysene

Concen: 0.021 ng

RT: 21.492 min Scan# 2470

Delta R.T. -0.009 min

Lab File: BN029961.D

Acq: 23 Feb 2024 17:53

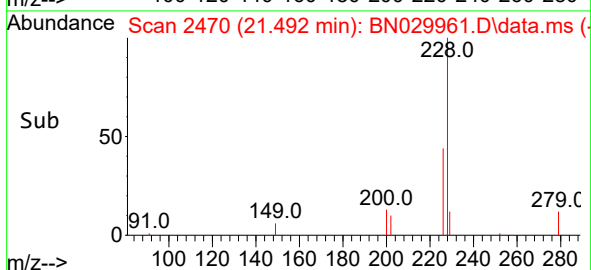
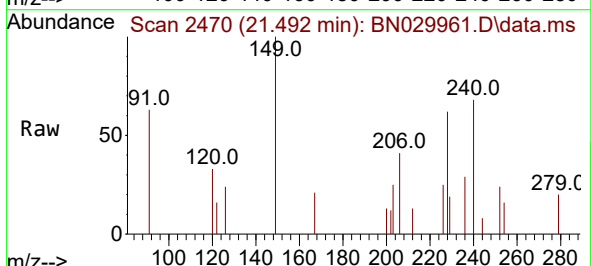
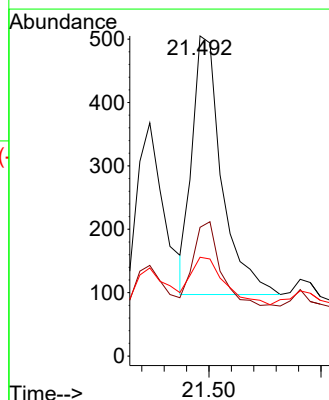
Tgt Ion:228 Resp: 750

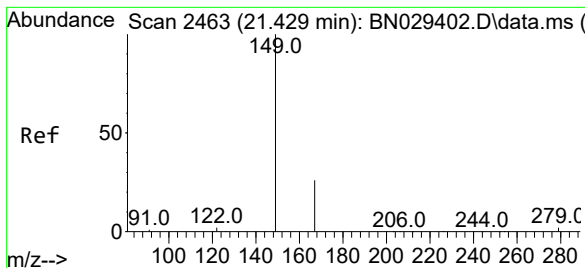
Ion Ratio Lower Upper

228 100

226 40.2 24.9 37.3#

229 30.9 15.9 23.9#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.757 ng

RT: 21.384 min Scan# 2463

Delta R.T. -0.009 min

Lab File: BN029961.D

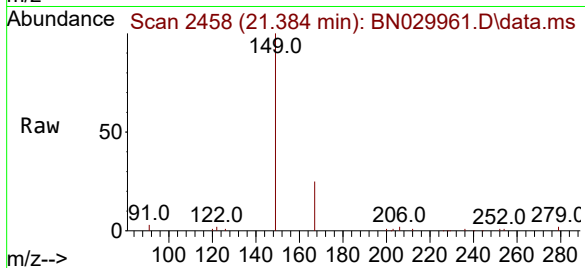
Acq: 23 Feb 2024 17:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-EB-20240215



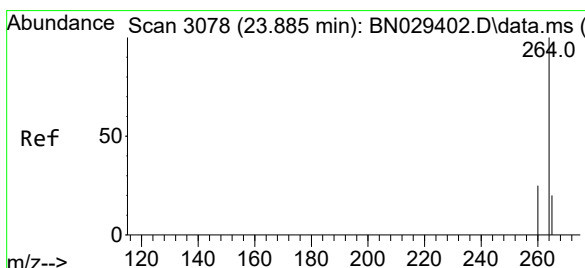
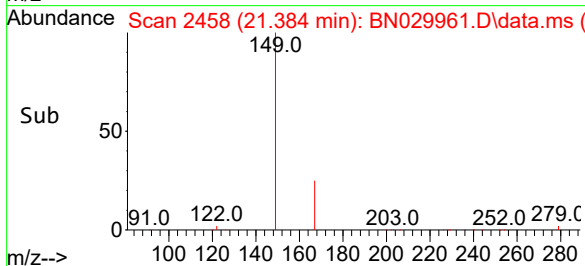
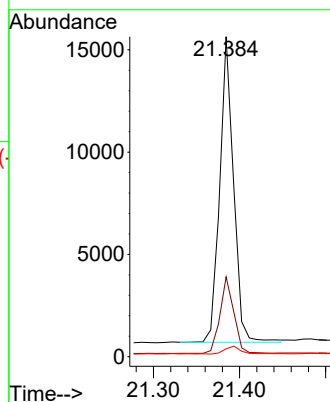
Tgt Ion:149 Resp: 16602

Ion Ratio Lower Upper

149 100

167 25.2 20.1 30.1

279 3.0 2.5 3.7



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.823 min Scan# 3057

Delta R.T. -0.009 min

Lab File: BN029961.D

Acq: 23 Feb 2024 17:53

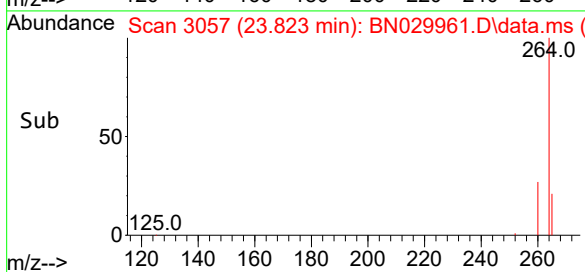
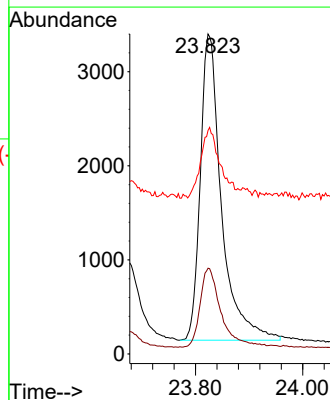
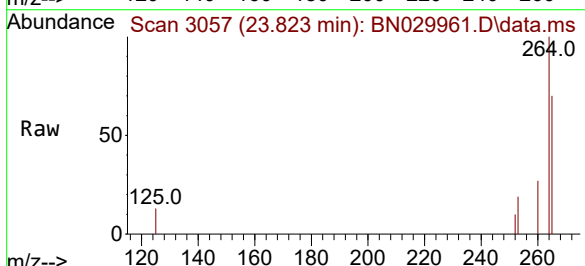
Tgt Ion:264 Resp: 8920

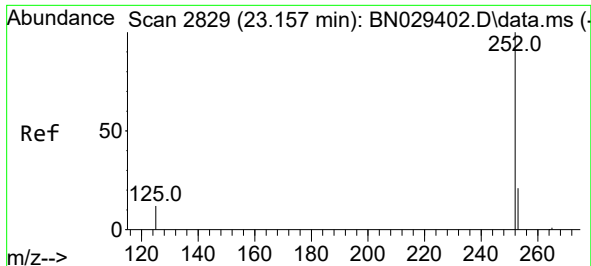
Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 69.8 41.5 62.3#

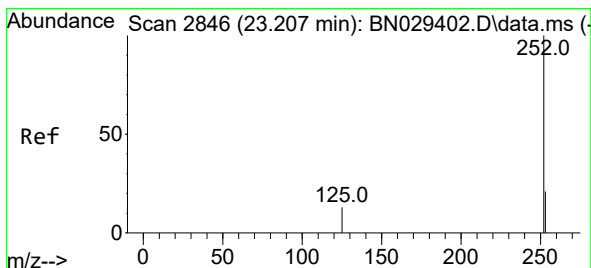
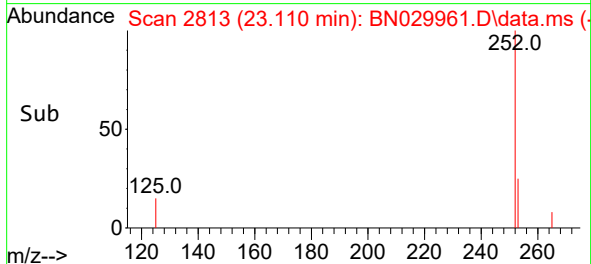
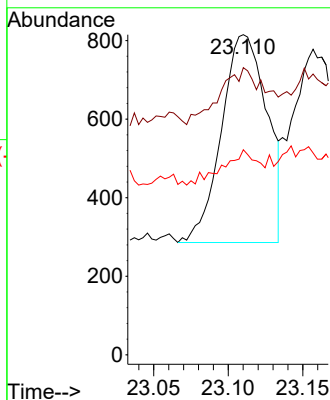
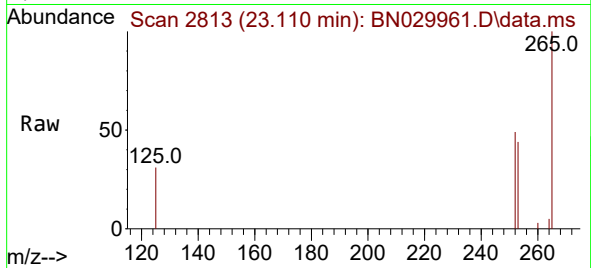




#37
Benzo(b)fluoranthene
Concen: 0.035 ng
RT: 23.110 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029961.D
Acq: 23 Feb 2024 17:53

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-EB-20240215

Tgt Ion:252 Resp: 1124
Ion Ratio Lower Upper
252 100
253 89.7 21.7 32.5#
125 64.0 13.3 19.9#



#38
Benzo(k)fluoranthene
Concen: 0.024 ng
RT: 23.157 min Scan# 2829
Delta R.T. -0.003 min
Lab File: BN029961.D
Acq: 23 Feb 2024 17:53

Tgt Ion:252 Resp: 816
Ion Ratio Lower Upper
252 100
253 91.9 21.8 32.8#
125 66.1 13.9 20.9#

