

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071024\
 Data File : BN032612.D
 Acq On : 10 Jul 2024 11:13
 Operator : MA/JU
 Sample : P3127-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-745-747RE

Quant Time: Jul 10 11:50:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

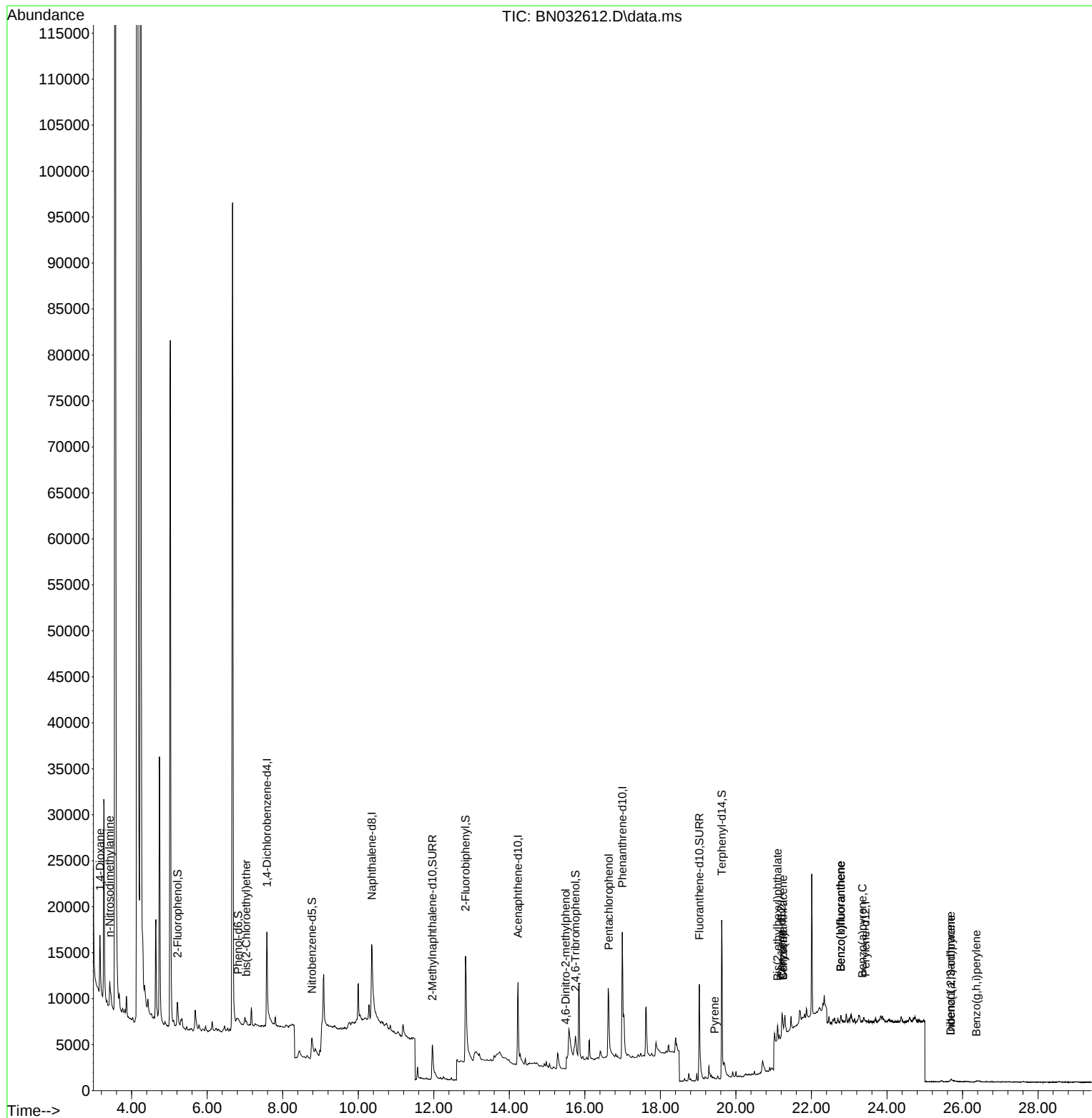
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	7028	0.400	ng	# 0.00
7) Naphthalene-d8	10.357	136	21512	0.400	ng	#-0.02
13) Acenaphthene-d10	14.231	164	6304	0.400	ng	# 0.00
19) Phenanthrene-d10	16.991	188	26772	0.400	ng	#-0.01
29) Chrysene-d12	21.211	240	224	0.400	ng	# 0.00
35) Perylene-d12	23.431	264	15	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.212	112	3992	0.225	ng	0.00
5) Phenol-d6	6.823	99	1923	0.085	ng	0.00
8) Nitrobenzene-d5	8.777	82	4361	0.272	ng	-0.02
11) 2-Methylnaphthalene-d10	11.964	152	8949	0.263	ng	-0.02
14) 2,4,6-Tribromophenol	15.750	330	1900	0.665	ng	-0.01
15) 2-Fluorobiphenyl	12.842	172	16819	0.724	ng	-0.02
27) Fluoranthene-d10	19.031	212	15365	0.220	ng	-0.01
31) Terphenyl-d14	19.625	244	21500	39.307	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	5059	0.547	ng	# 86
3) n-Nitrosodimethylamine	3.421	42	760	0.113	ng	# 1
6) bis(2-Chloroethyl)ether	7.032	93	53	0.089	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.493	198	3	0.198	ng	# 1
24) Pentachlorophenol	16.631	266	949	0.287	ng	# 1
30) Pyrene	19.435	202	138	0.151	ng	93
32) Benzo(a)anthracene	21.247	228	831	1.122	ng	# 44
33) Chrysene	21.247	228	1074	1.221	ng	# 49
34) Bis(2-ethylhexyl)phtha...	21.103	149	1406	2.793	ng	# 80
36) Indeno(1,2,3-cd)pyrene	25.691	276	113	1.972	ng	# 72
37) Benzo(b)fluoranthene	22.777	252	606	12.122	ng	# 1
38) Benzo(k)fluoranthene	22.777	252	606	10.523	ng	# 1
39) Benzo(a)pyrene	23.350	252	16	0.338	ng	# 1
40) Dibenzo(a,h)anthracene	25.689	278	175	3.848	ng	# 1
41) Benzo(g,h,i)perylene	26.370	276	229	4.624	ng	# 1

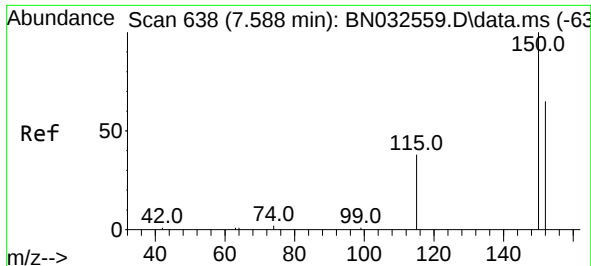
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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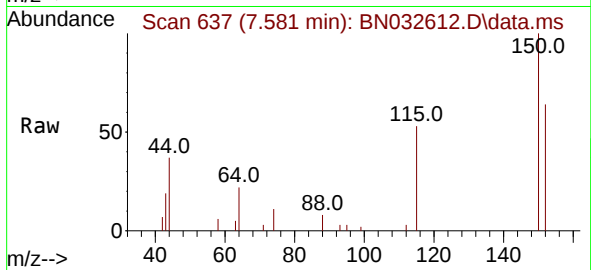
Quant Time: Jul 10 11:50:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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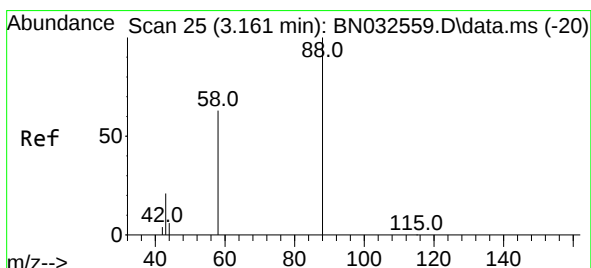
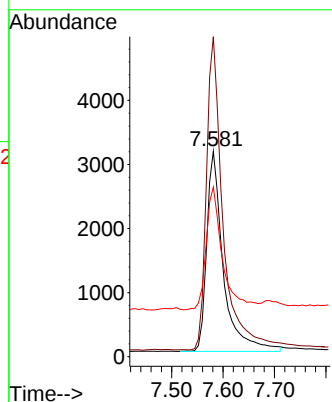
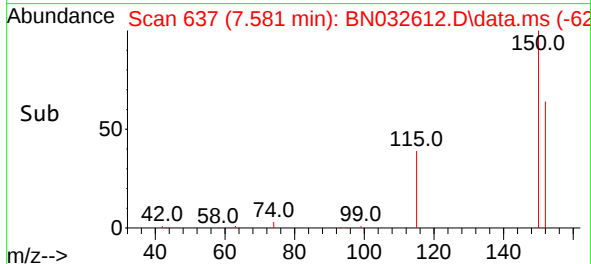


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.581 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN032612.D
 Acq: 10 Jul 2024 11:13

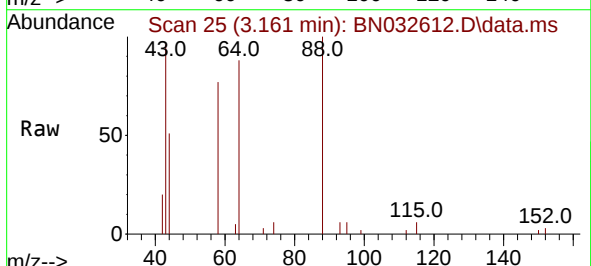
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-745-747RE



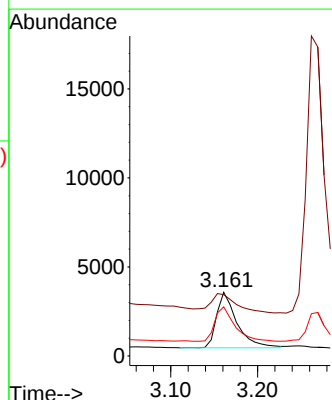
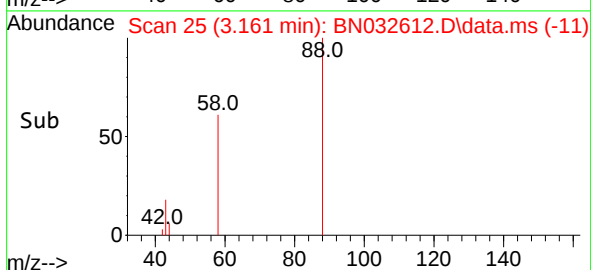
Tgt Ion:152 Resp: 7028
 Ion Ratio Lower Upper
 152 100
 150 155.8 121.6 182.4
 115 82.6 53.1 79.7#

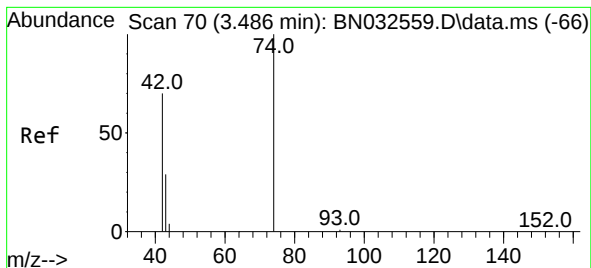


#2
 1,4-Dioxane
 Concen: 0.547 ng
 RT: 3.161 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN032612.D
 Acq: 10 Jul 2024 11:13



Tgt Ion: 88 Resp: 5059
 Ion Ratio Lower Upper
 88 100
 43 45.2 20.4 30.6#
 58 60.2 51.0 76.6





#3

n-Nitrosodimethylamine

Concen: 0.113 ng

RT: 3.421 min Scan# 61

Delta R.T. -0.065 min

Lab File: BN032612.D

Acq: 10 Jul 2024 11:13

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-745-747RE

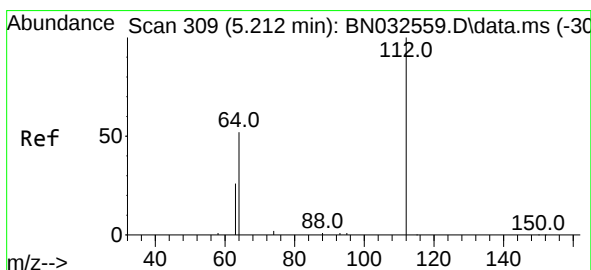
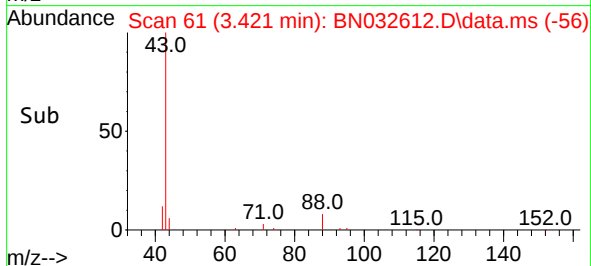
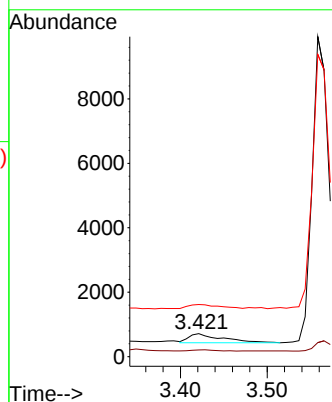
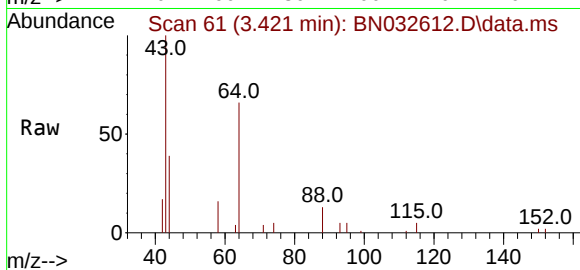
Tgt Ion: 42 Resp: 760

Ion Ratio Lower Upper

42 100

74 7.6 126.8 190.2#

44 40.0 8.7 13.1#



#4

2-Fluorophenol

Concen: 0.225 ng

RT: 5.212 min Scan# 309

Delta R.T. 0.000 min

Lab File: BN032612.D

Acq: 10 Jul 2024 11:13

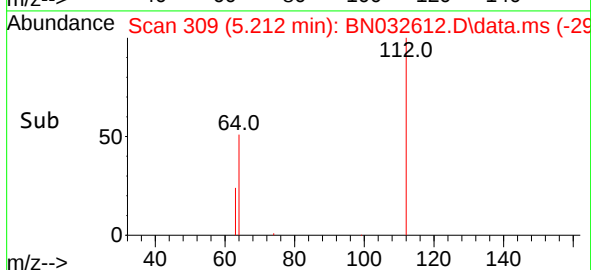
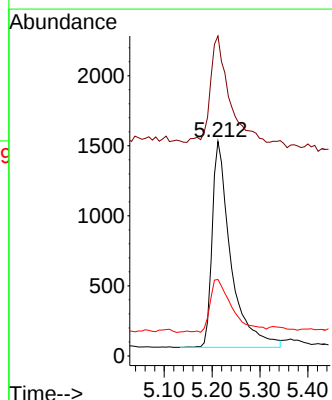
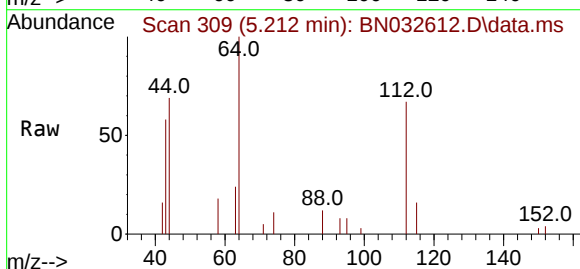
Tgt Ion: 112 Resp: 3992

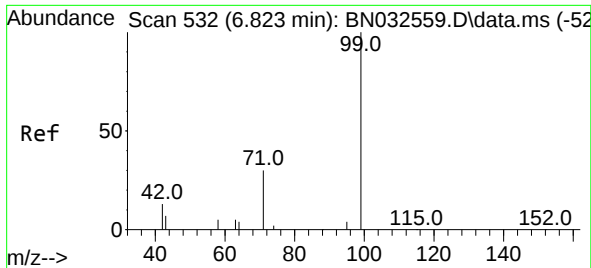
Ion Ratio Lower Upper

112 100

64 51.5 41.2 61.8

63 29.1 21.6 32.4

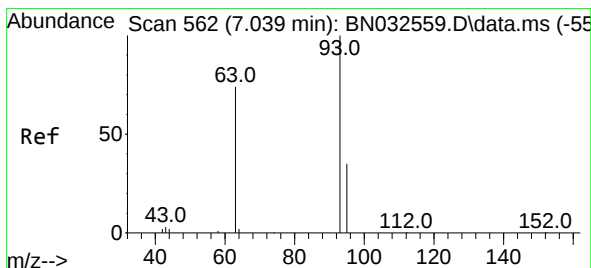
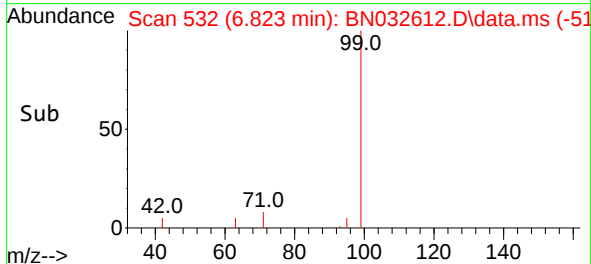
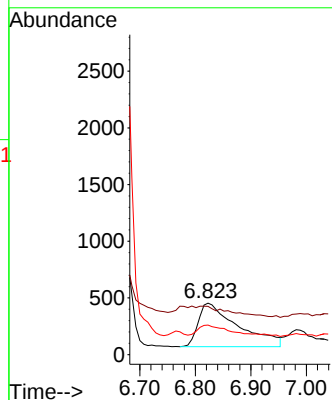
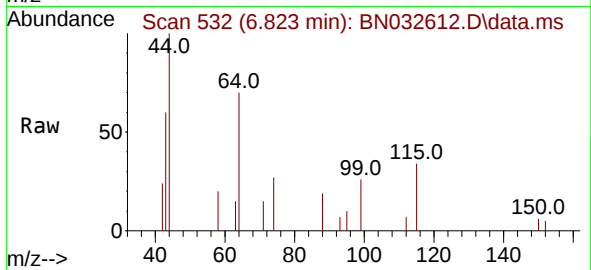




#5
Phenol-d6
Concen: 0.085 ng
RT: 6.823 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

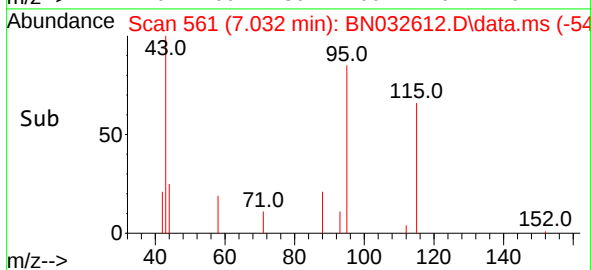
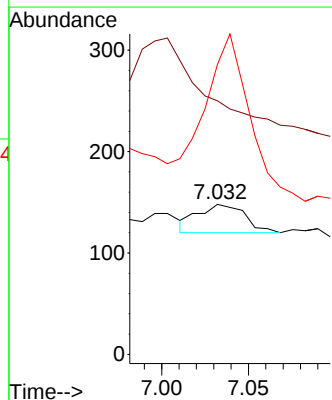
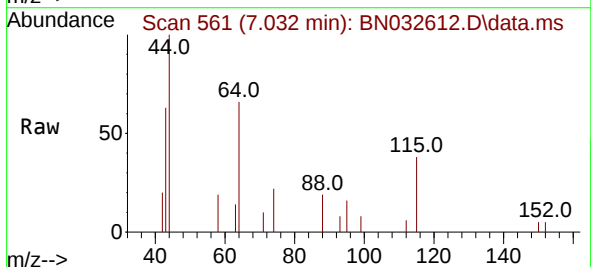
Instrument :
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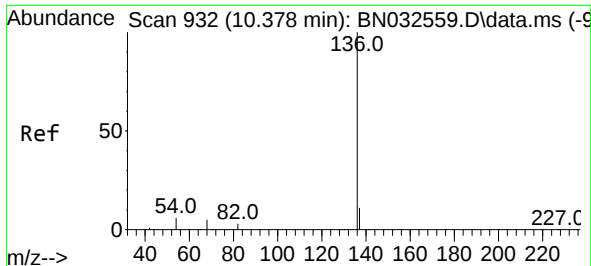
Tgt Ion: 99 Resp: 1923
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 21.8 25.2 37.8#



#6
bis(2-Chloroethyl)ether
Concen: 0.089 ng
RT: 7.032 min Scan# 561
Delta R.T. -0.007 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

Tgt Ion: 93 Resp: 53
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 609.4 30.5 45.7#

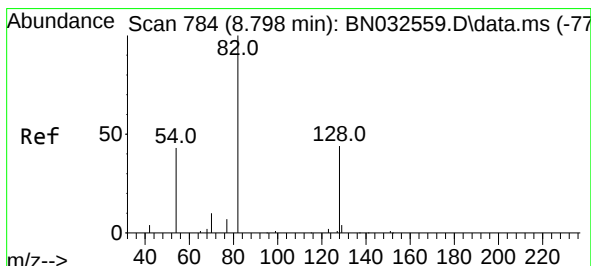
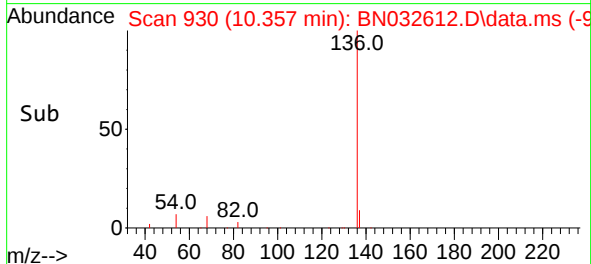
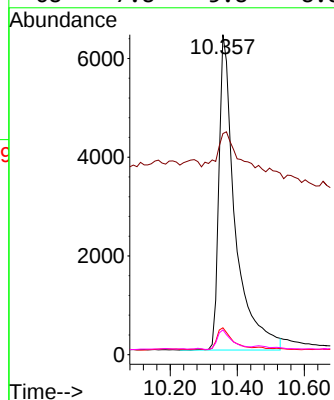
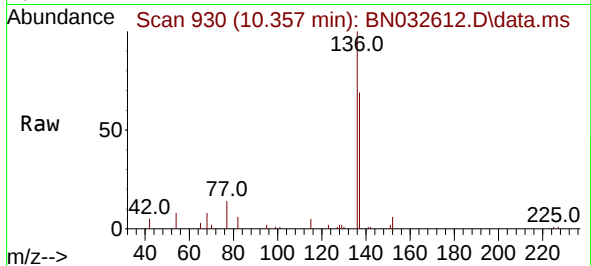




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.357 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

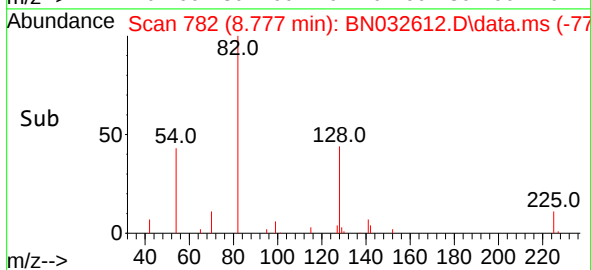
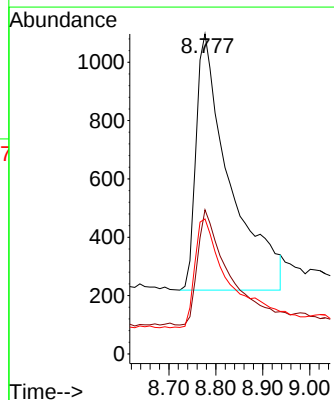
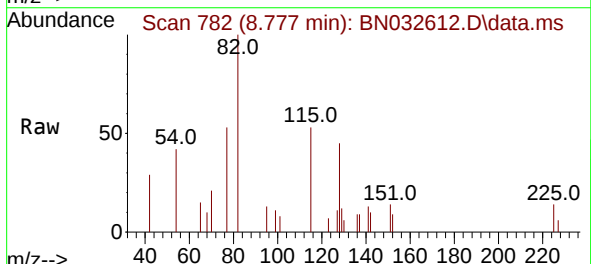
Instrument :
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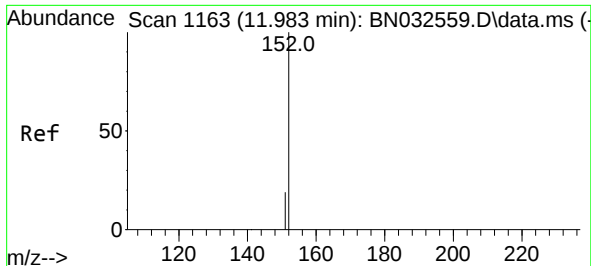
Tgt Ion:	136	Resp:	21512
Ion Ratio	Lower	Upper	
136	100		
137	69.1	10.0	15.0#
54	8.4	6.6	9.8
68	7.8	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.777 min Scan# 782
Delta R.T. -0.021 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

Tgt Ion:	82	Resp:	4361
Ion Ratio	Lower	Upper	
82	100		
128	45.0	43.4	65.2
54	42.2	40.2	60.2

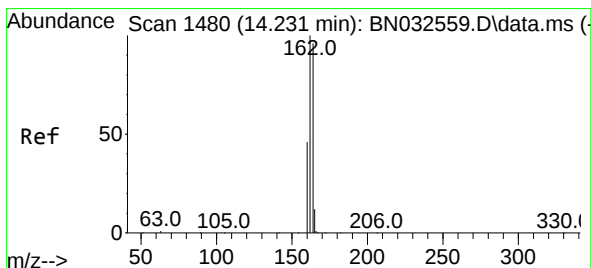
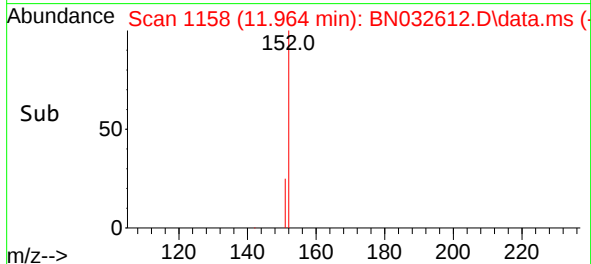
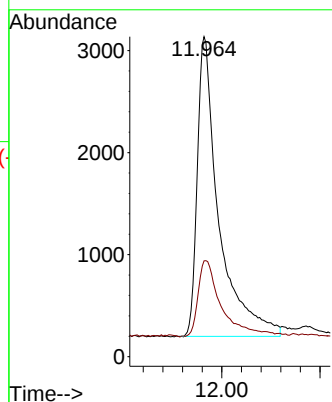
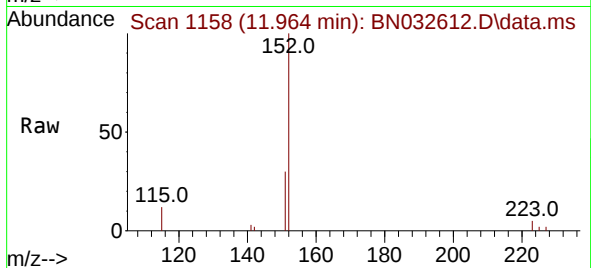




#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 11.964 min Scan# 1163
Delta R.T. -0.019 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

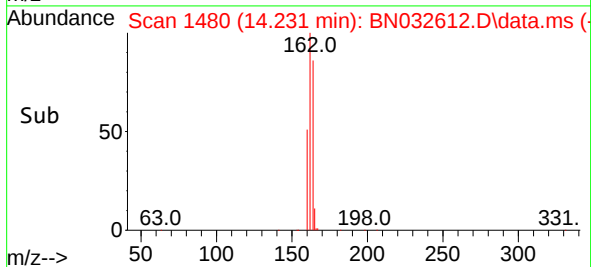
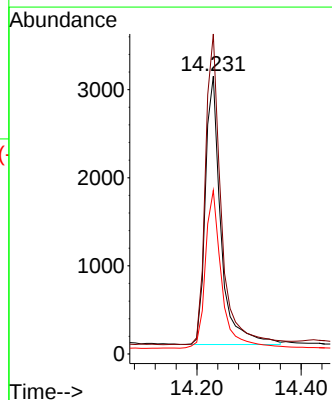
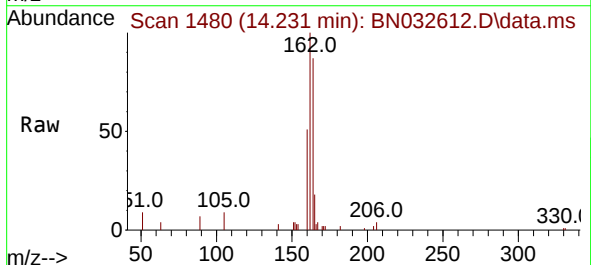
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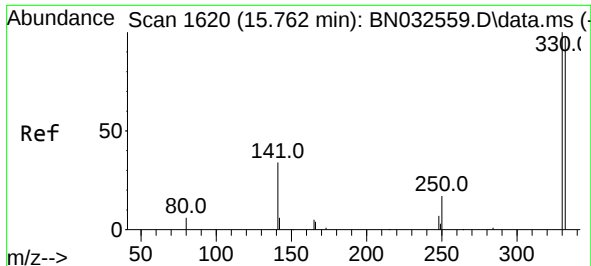
Tgt Ion:152 Resp: 8949
Ion Ratio Lower Upper
152 100
151 27.9 16.4 24.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

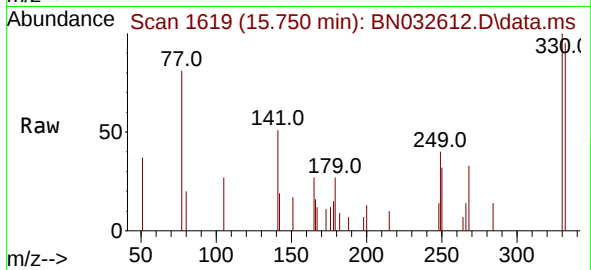
Tgt Ion:164 Resp: 6304
Ion Ratio Lower Upper
164 100
162 115.2 83.2 124.8
160 58.9 38.6 57.8#



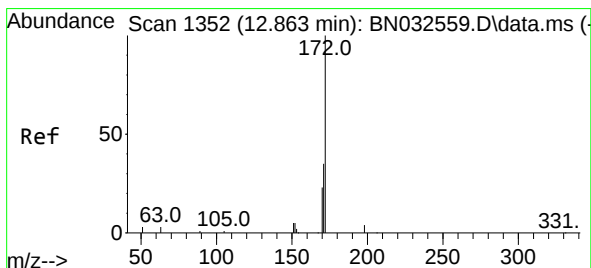
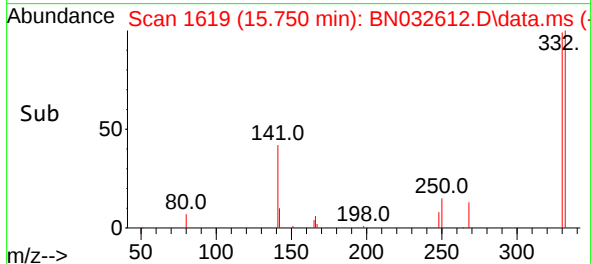
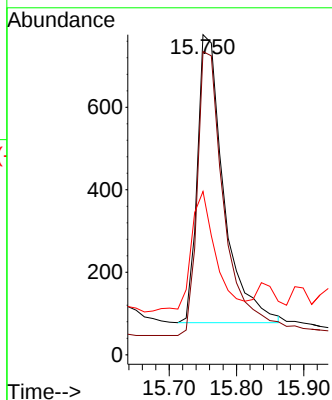


#14
2,4,6-Tribromophenol
Concen: 0.665 ng
RT: 15.750 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

Instrument :
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ClientSampleId :
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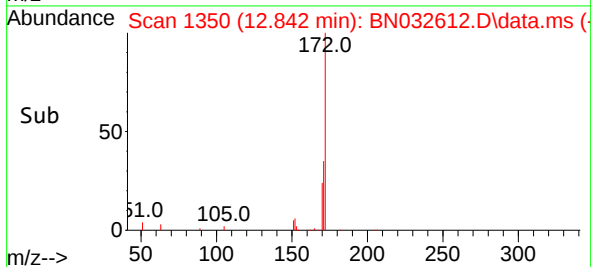
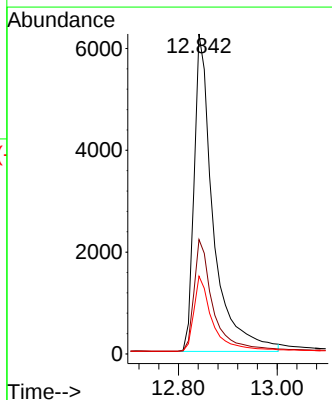
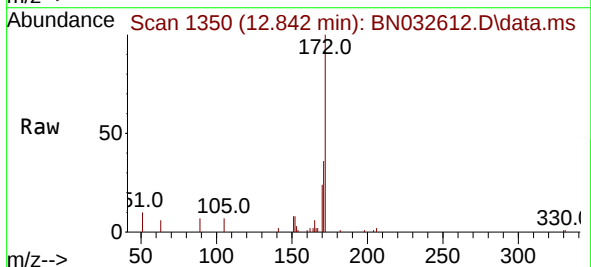


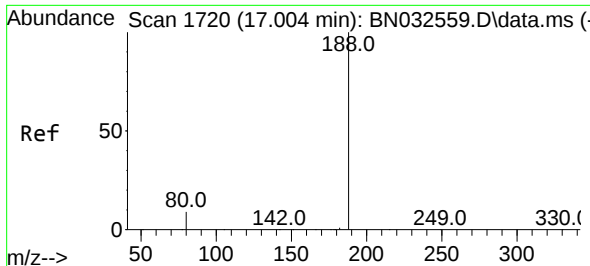
Tgt Ion:330 Resp: 1900
Ion Ratio Lower Upper
330 100
332 102.3 77.7 116.5
141 35.8 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.724 ng
RT: 12.842 min Scan# 1350
Delta R.T. -0.021 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

Tgt Ion:172 Resp: 16819
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.3 19.2 28.8

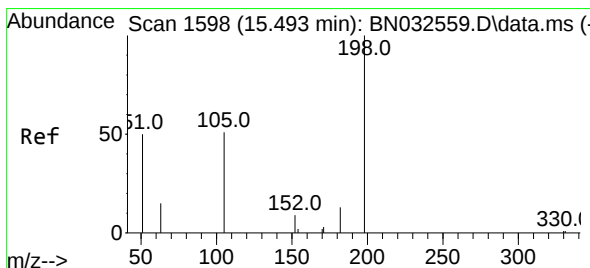
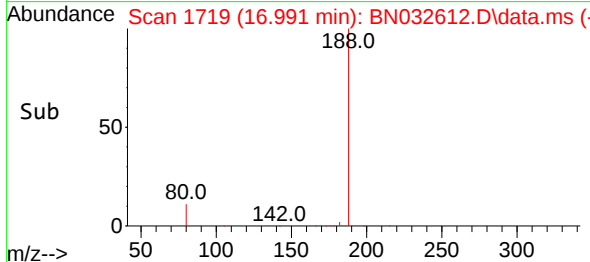
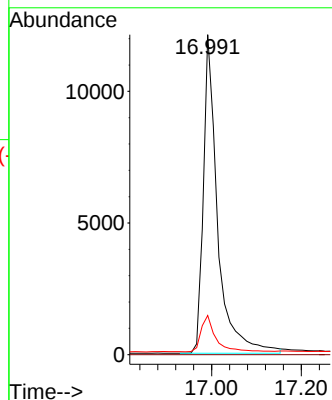
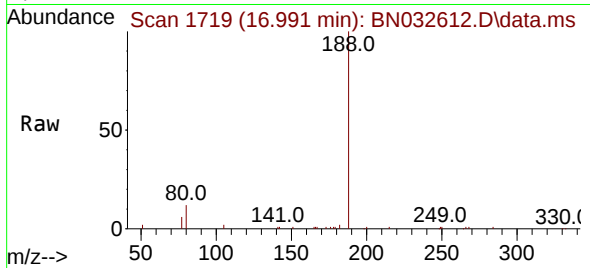




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.991 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

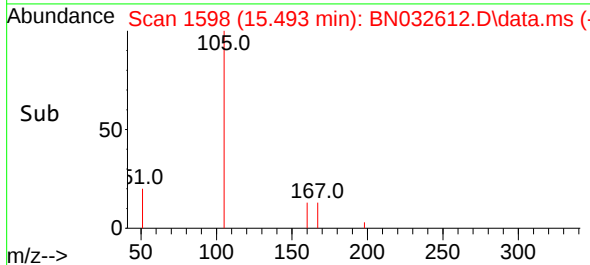
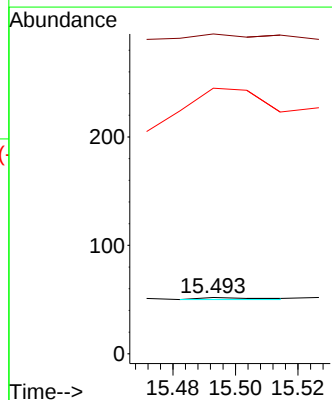
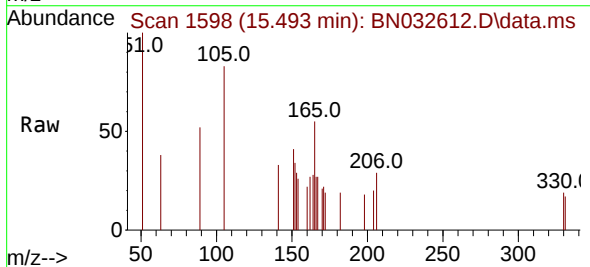
Instrument :
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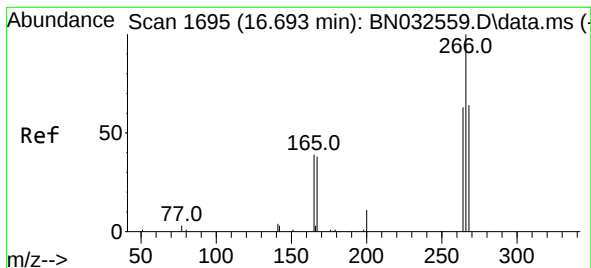
Tgt Ion:188 Resp: 26772
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 7.8 11.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.198 ng
RT: 15.493 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 567.3 123.4 185.2#
105 471.2 79.5 119.3#





#24

Pentachlorophenol

Concen: 0.287 ng

RT: 16.631 min Scan# 1695

Delta R.T. -0.062 min

Lab File: BN032612.D

Acq: 10 Jul 2024 11:13

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-745-747RE

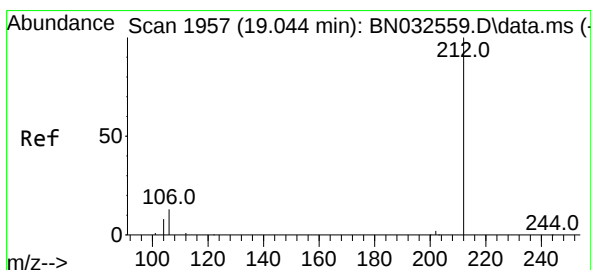
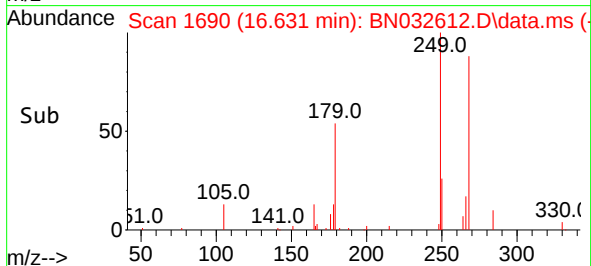
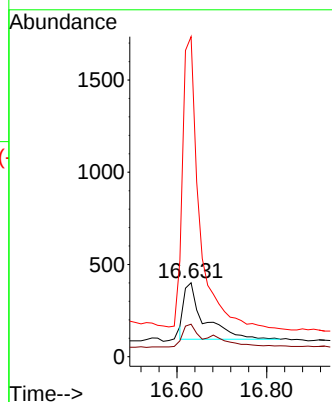
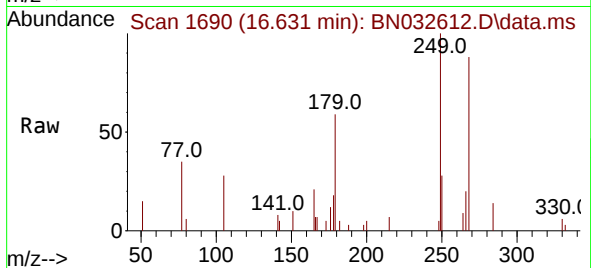
Tgt Ion:266 Resp: 949

Ion Ratio Lower Upper

266 100

264 18.5 49.6 74.4#

268 406.0 52.2 78.2#



#27

Fluoranthene-d10

Concen: 0.220 ng

RT: 19.031 min Scan# 1954

Delta R.T. -0.014 min

Lab File: BN032612.D

Acq: 10 Jul 2024 11:13

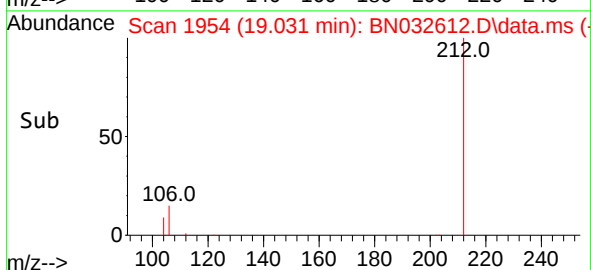
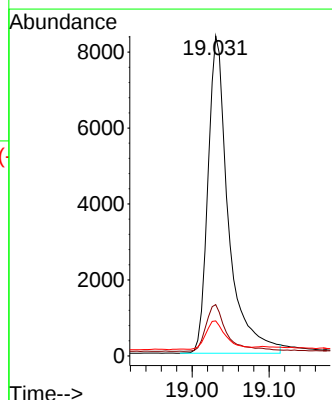
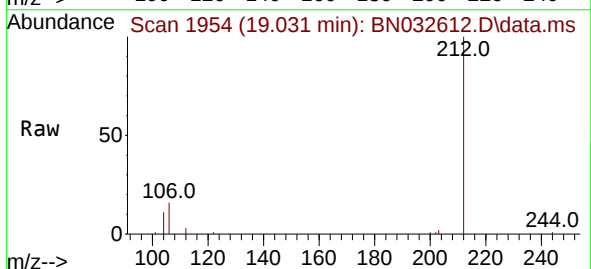
Tgt Ion:212 Resp: 15365

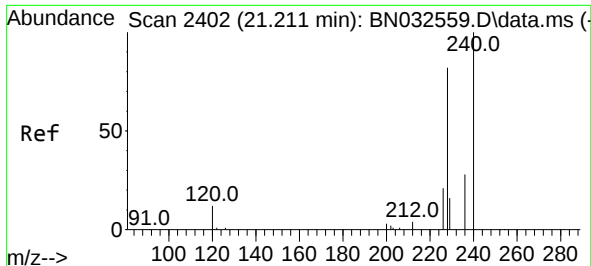
Ion Ratio Lower Upper

212 100

106 15.0 11.8 17.8

104 9.3 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.211 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BN032612.D

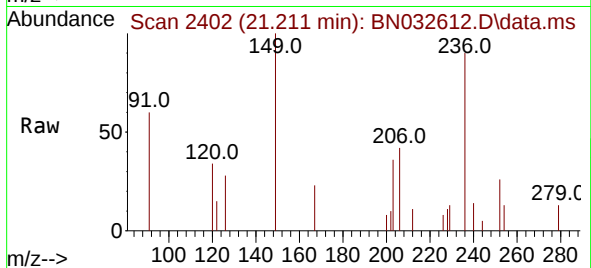
Acq: 10 Jul 2024 11:13

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-745-747RE



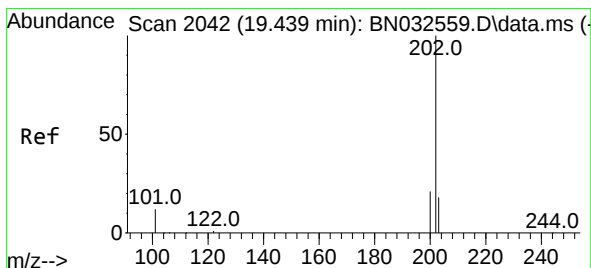
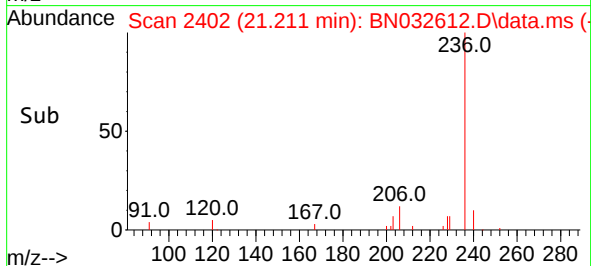
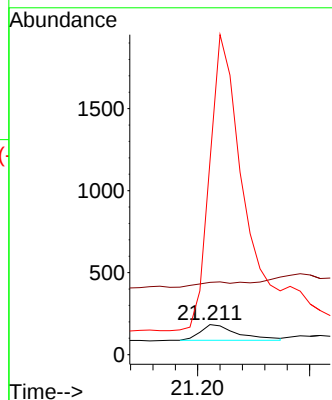
Tgt Ion:240 Resp: 224

Ion Ratio Lower Upper

240 100

120 241.0 13.0 19.4#

236 643.7 23.1 34.7#



#30

Pyrene

Concen: 0.151 ng

RT: 19.435 min Scan# 2041

Delta R.T. -0.005 min

Lab File: BN032612.D

Acq: 10 Jul 2024 11:13

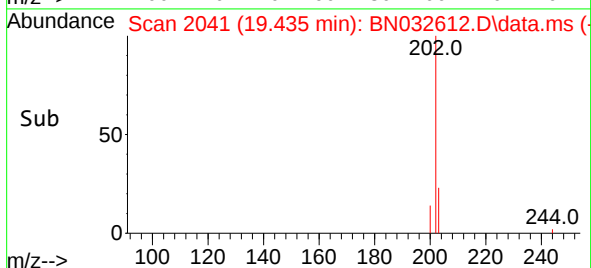
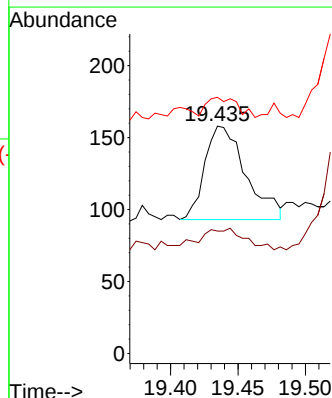
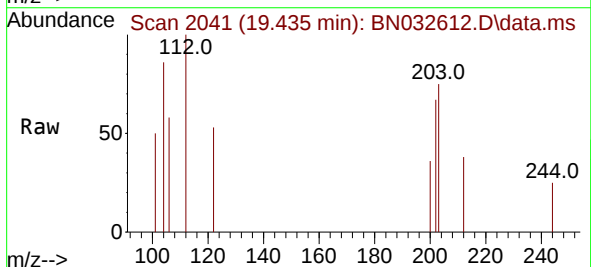
Tgt Ion:202 Resp: 138

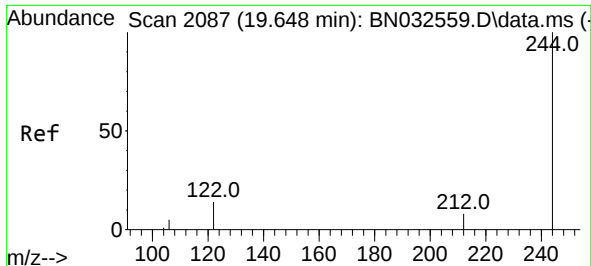
Ion Ratio Lower Upper

202 100

200 24.6 16.6 24.8

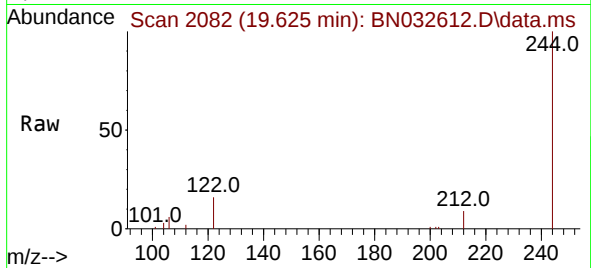
203 20.3 14.4 21.6



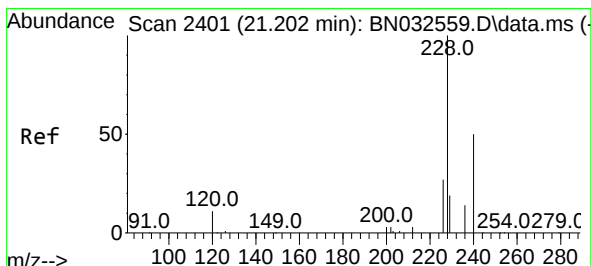
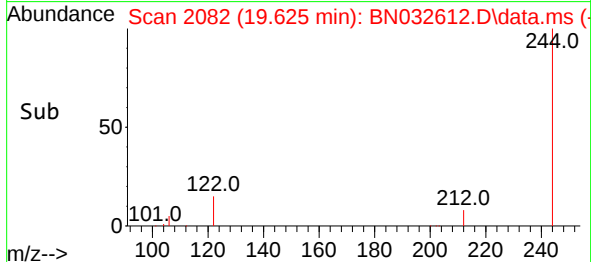
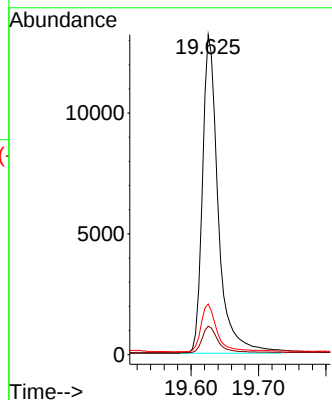


#31
 Terphenyl-d14
 Concen: 39.307 ng
 RT: 19.625 min Scan# 2082
 Delta R.T. -0.023 min
 Lab File: BN032612.D
 Acq: 10 Jul 2024 11:13

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-745-747RE

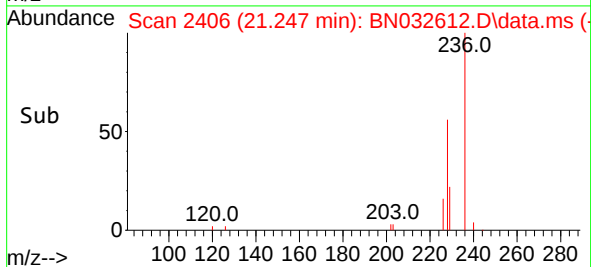
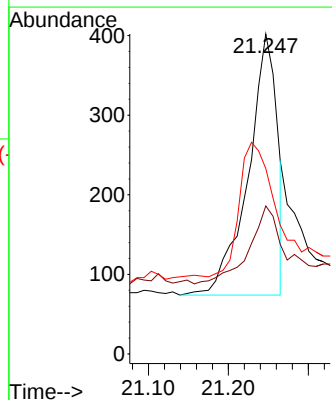
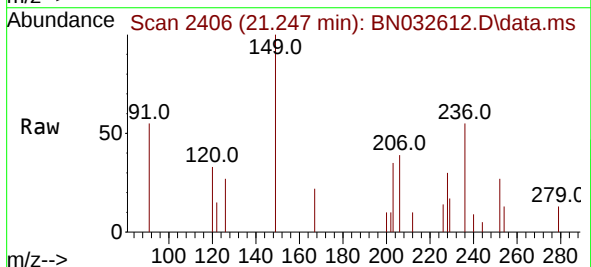


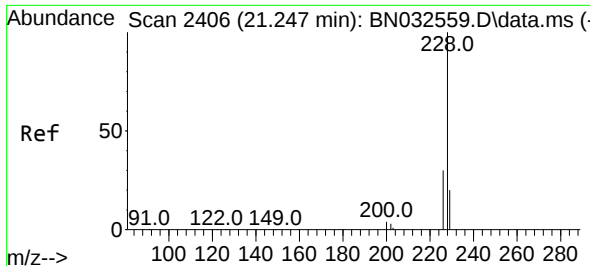
Tgt Ion:244 Resp: 21500
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.2 10.8
 122 15.9 12.1 18.1



#32
 Benzo(a)anthracene
 Concen: 1.122 ng
 RT: 21.247 min Scan# 2406
 Delta R.T. 0.045 min
 Lab File: BN032612.D
 Acq: 10 Jul 2024 11:13

Tgt Ion:228 Resp: 831
 Ion Ratio Lower Upper
 228 100
 226 46.3 21.7 32.5#
 229 58.0 16.0 24.0#





#33

Chrysene

Concen: 1.221 ng

RT: 21.247 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BN032612.D

Acq: 10 Jul 2024 11:13

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-745-747RE

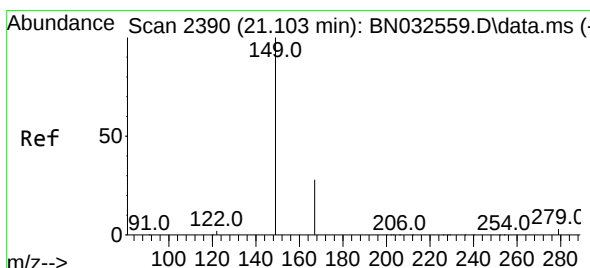
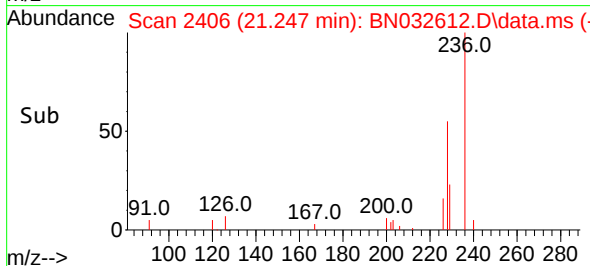
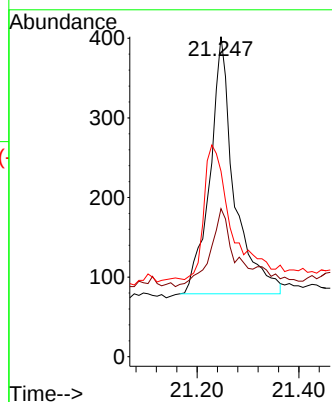
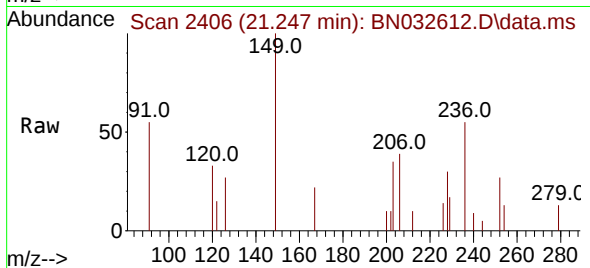
Tgt Ion:228 Resp: 1074

Ion Ratio Lower Upper

228 100

226 46.3 24.1 36.1#

229 58.0 16.1 24.1#



#34

Bis(2-ethylhexyl)phthalate

Concen: 2.793 ng

RT: 21.103 min Scan# 2390

Delta R.T. 0.000 min

Lab File: BN032612.D

Acq: 10 Jul 2024 11:13

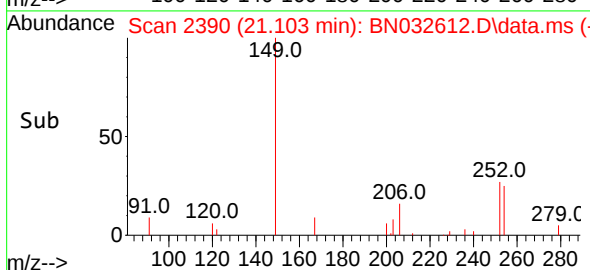
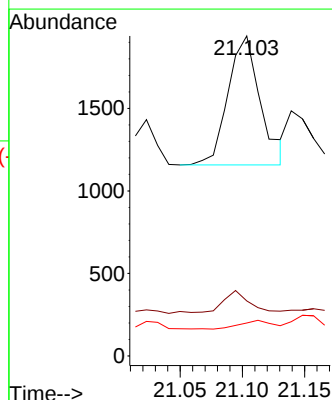
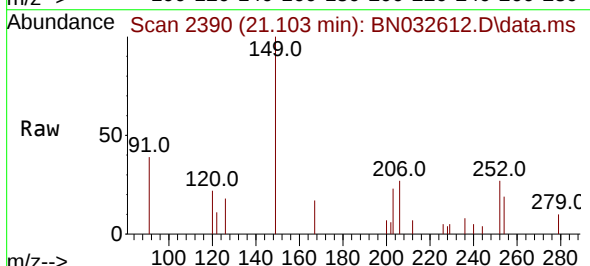
Tgt Ion:149 Resp: 1406

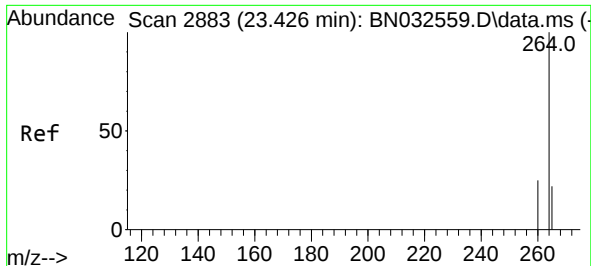
Ion Ratio Lower Upper

149 100

167 15.5 21.6 32.4#

279 6.5 3.0 4.6#

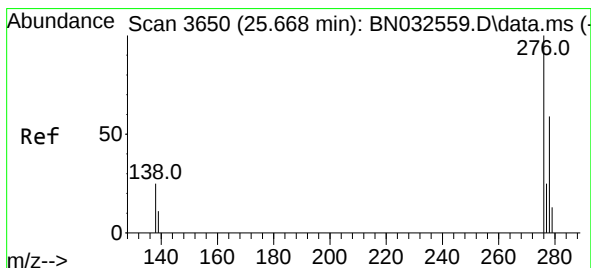
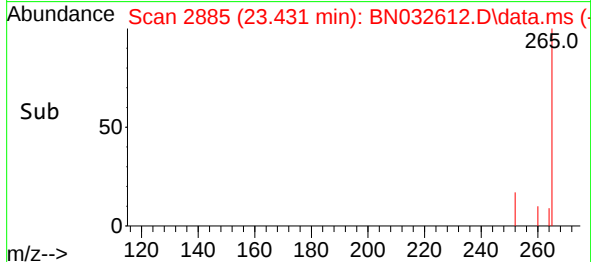
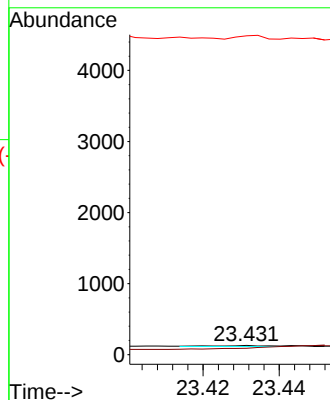
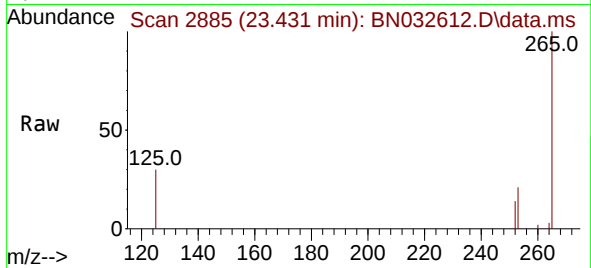




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.431 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

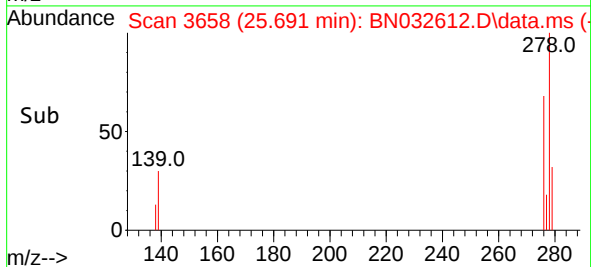
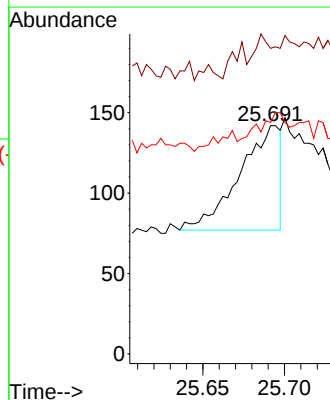
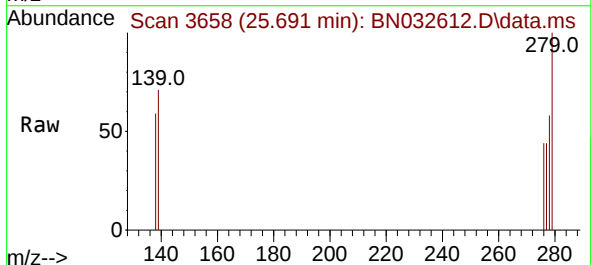
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-745-747RE

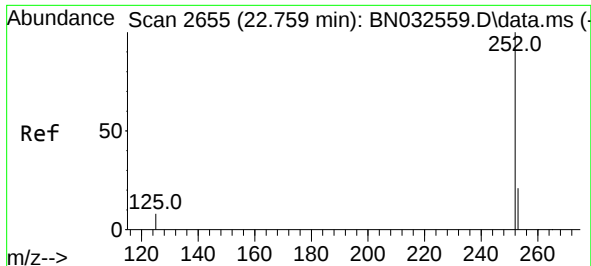
Tgt Ion:264 Resp: 15
Ion Ratio Lower Upper
264 100
260 70.0 21.0 31.6#
265 3452.3 76.6 115.0#



#36
Indeno(1,2,3-cd)pyrene
Concen: 1.972 ng
RT: 25.691 min Scan# 3658
Delta R.T. 0.023 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

Tgt Ion:276 Resp: 113
Ion Ratio Lower Upper
276 100
138 8.8 21.4 32.0#
277 14.2 19.9 29.9#





#37

Benzo(b)fluoranthene

Concen: 12.122 ng

RT: 22.777 min Scan# 2661

Delta R.T. 0.018 min

Lab File: BN032612.D

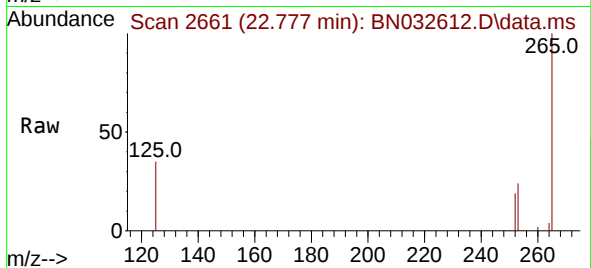
Acq: 10 Jul 2024 11:13

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-745-747RE



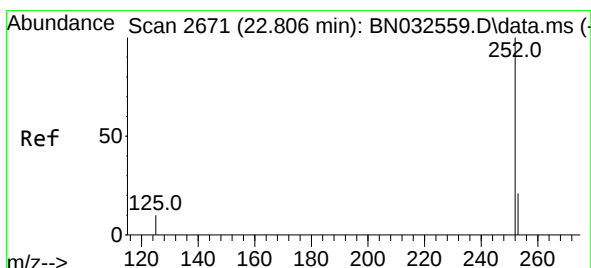
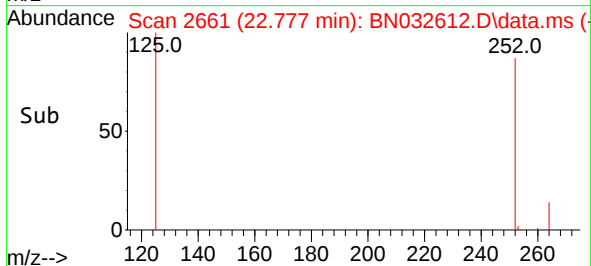
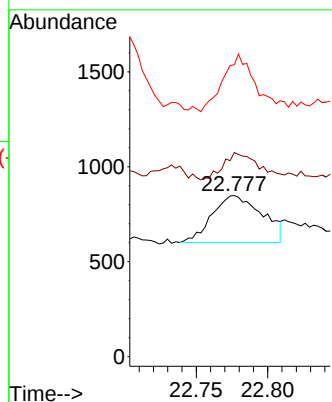
Tgt Ion:252 Resp: 606

Ion Ratio Lower Upper

252 100

253 126.8 22.2 33.4#

125 181.3 15.4 23.0#



#38

Benzo(k)fluoranthene

Concen: 10.523 ng

RT: 22.777 min Scan# 2661

Delta R.T. -0.029 min

Lab File: BN032612.D

Acq: 10 Jul 2024 11:13

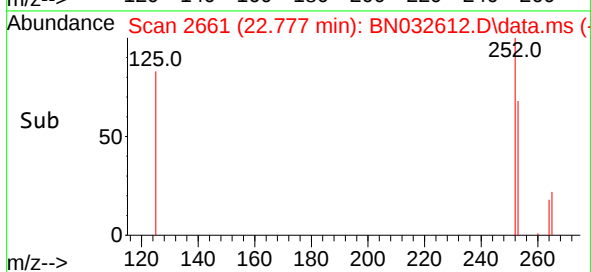
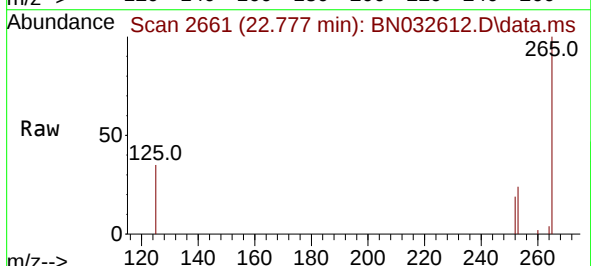
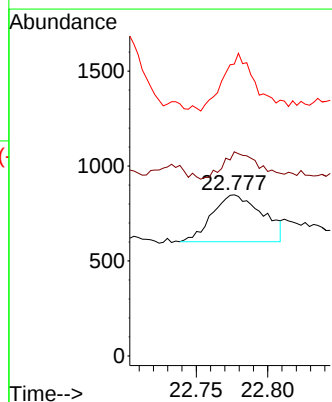
Tgt Ion:252 Resp: 606

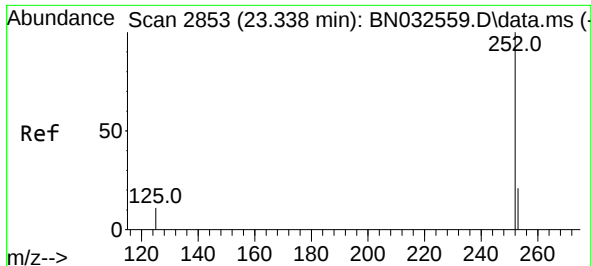
Ion Ratio Lower Upper

252 100

253 126.8 21.9 32.9#

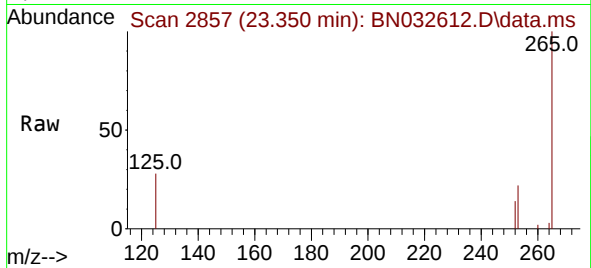
125 181.3 15.3 22.9#



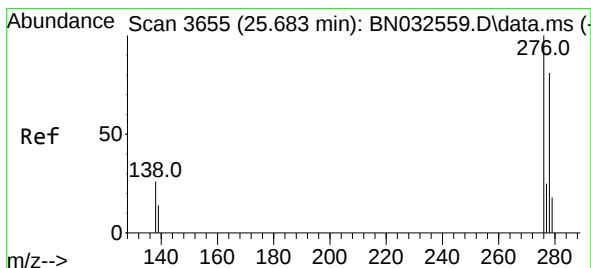
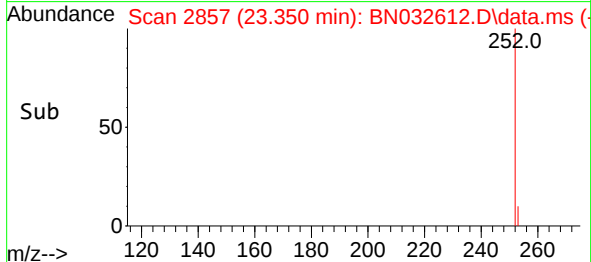
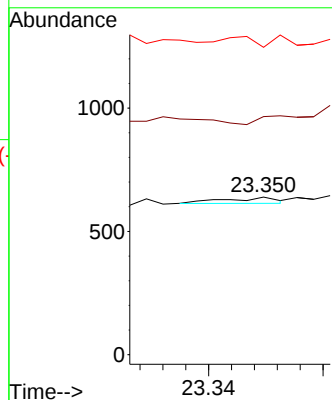


#39
Benzo(a)pyrene
Concen: 0.338 ng
RT: 23.350 min Scan# 21
Delta R.T. 0.012 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-745-747RE

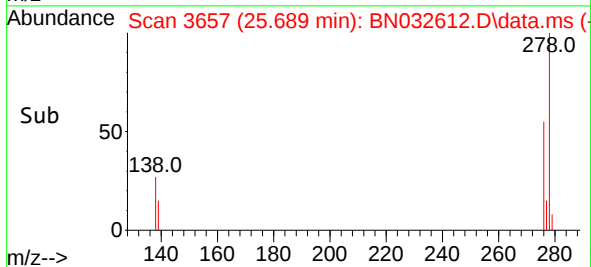
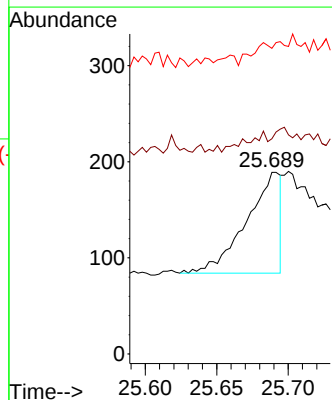
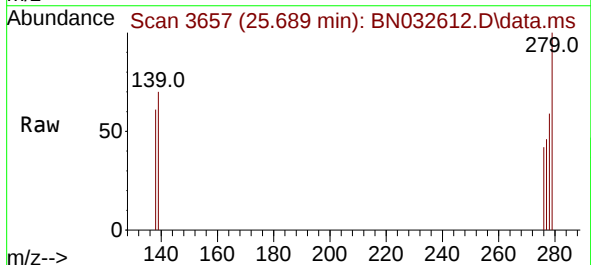


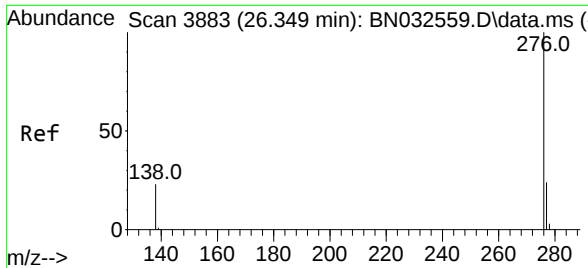
Tgt Ion:252 Resp: 16
Ion Ratio Lower Upper
252 100
253 151.2 25.5 38.3#
125 195.1 20.7 31.1#



#40
Dibenzo(a,h)anthracene
Concen: 3.848 ng
RT: 25.689 min Scan# 3657
Delta R.T. 0.006 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

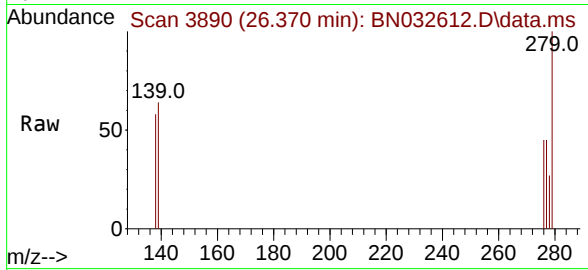
Tgt Ion:278 Resp: 175
Ion Ratio Lower Upper
278 100
139 118.5 17.8 26.6#
279 168.3 24.4 36.6#





#41
Benzo(g,h,i)perylene
Concen: 4.624 ng
RT: 26.370 min Scan# 3890
Delta R.T. 0.021 min
Lab File: BN032612.D
Acq: 10 Jul 2024 11:13

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-745-747RE



Tgt Ion: 276 Resp: 229

Ion	Ratio	Lower	Upper
276	100		
277	101.5	21.5	32.3#
138	130.1	21.4	32.0#

