

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032577.D
 Acq On : 09 Jul 2024 08:36
 Operator : MA/JU
 Sample : P3167-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-820-822

Quant Time: Jul 09 09:12:14 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)

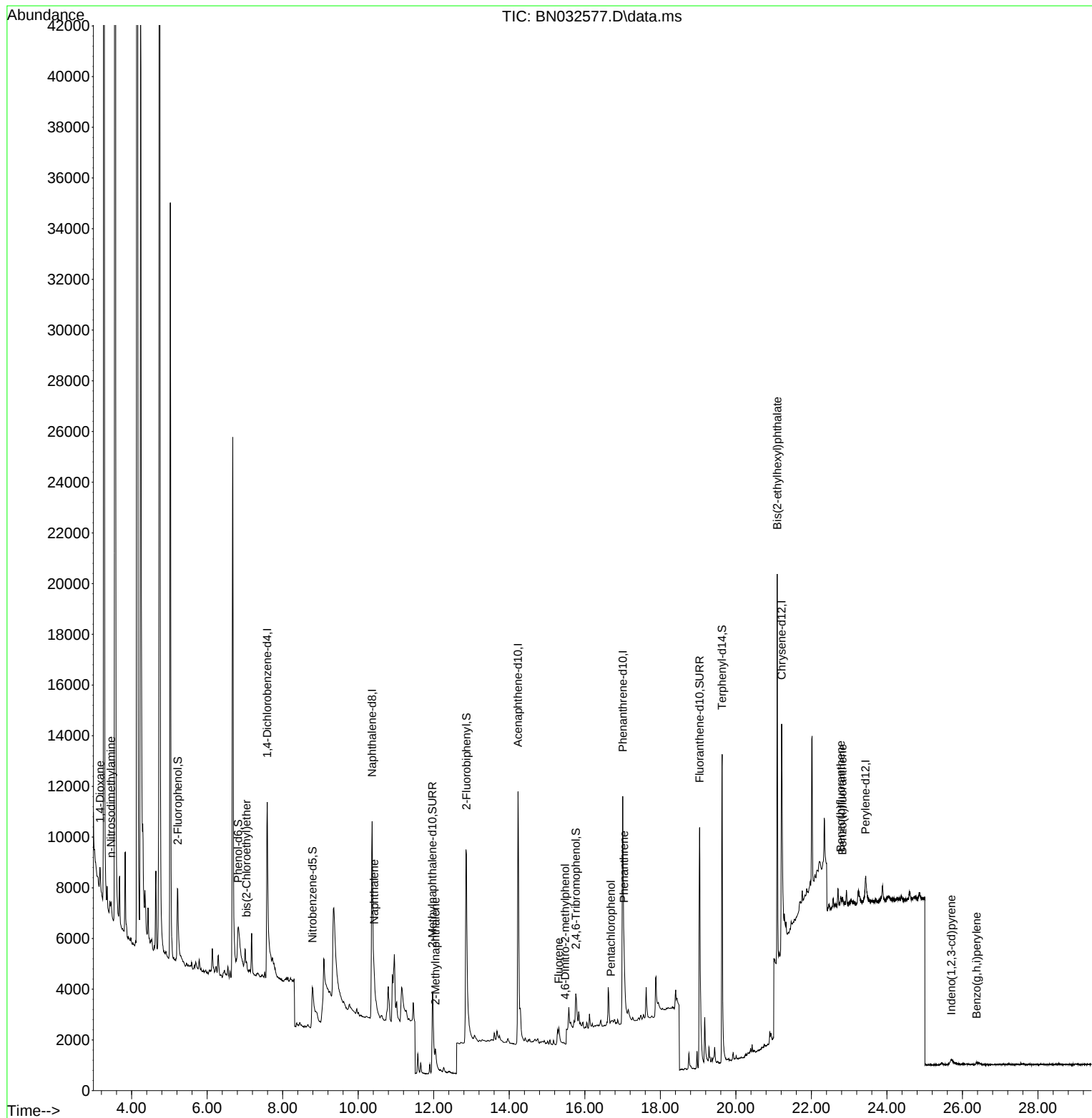
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	5832	0.400	ng	0.00
7) Naphthalene-d8	10.368	136	18693	0.400	ng	#-0.01
13) Acenaphthene-d10	14.231	164	7965	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	21136	0.400	ng	0.00
29) Chrysene-d12	21.211	240	13313	0.400	ng	# 0.00
35) Perylene-d12	23.432	264	1684	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	4755	0.323	ng	0.00
5) Phenol-d6	6.823	99	4449	0.236	ng	0.00
8) Nitrobenzene-d5	8.788	82	3882	0.278	ng	-0.01
11) 2-Methylnaphthalene-d10	11.968	152	8368	0.283	ng	-0.01
14) 2,4,6-Tribromophenol	15.763	330	1419	0.393	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	13323	0.454	ng	0.00
27) Fluoranthene-d10	19.040	212	15565	0.283	ng	0.00
31) Terphenyl-d14	19.635	244	15043	0.463	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	645	0.084	ng	# 74
3) n-Nitrosodimethylamine	3.457	42	181	0.032	ng	# 1
6) bis(2-Chloroethyl)ether	7.039	93	78	0.091	ng	# 1
9) Naphthalene	10.421	128	1466	0.029	ng	# 68
12) 2-Methylnaphthalene	12.047	142	795	0.023	ng	# 81
18) Fluorene	15.311	166	718	0.023	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.482	198	3	0.198	ng	# 1
24) Pentachlorophenol	16.694	266	112	0.186	ng	# 57
25) Phenanthrene	17.041	178	1582	0.028	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.095	149	12996	0.434	ng	100
36) Indeno(1,2,3-cd)pyrene	25.703	276	239	0.037	ng	# 64
37) Benzo(b)fluoranthene	22.774	252	516	0.092	ng	# 1
38) Benzo(k)fluoranthene	22.823	252	328	0.051	ng	# 1
41) Benzo(g,h,i)perylene	26.373	276	112	0.020	ng	# 1

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

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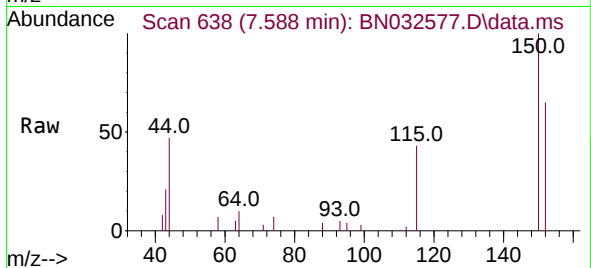
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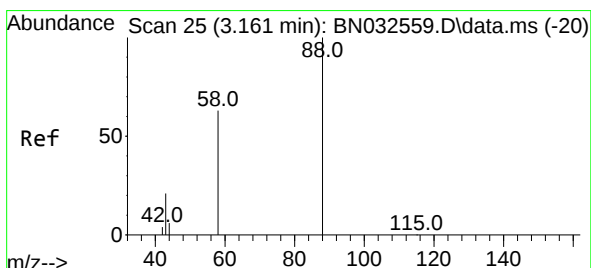
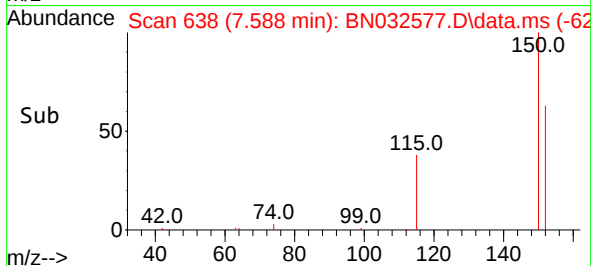
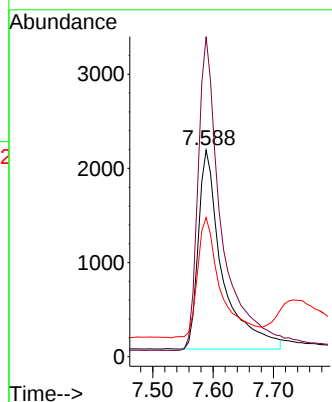


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.588 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-820-822

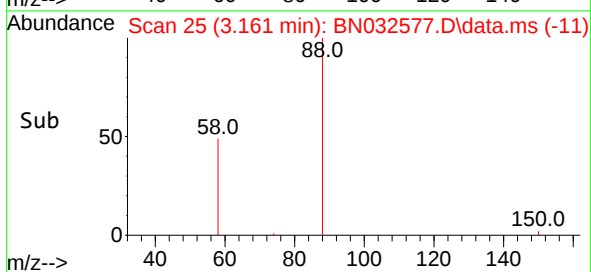
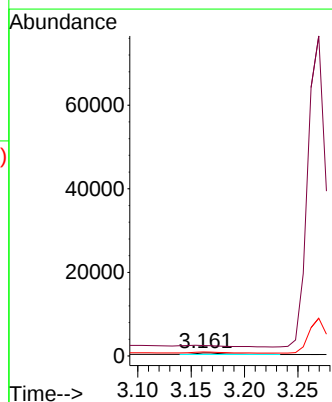
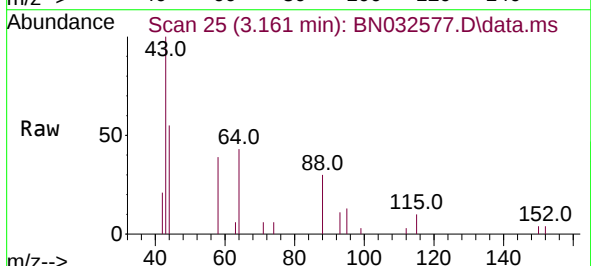


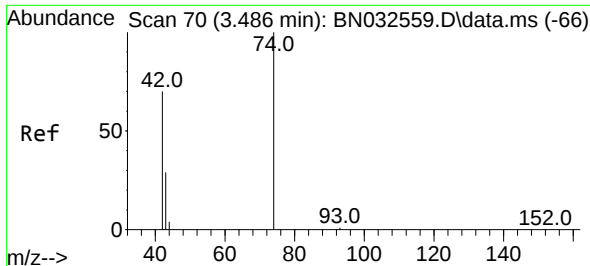
Tgt Ion:152 Resp: 5832
Ion Ratio Lower Upper
152 100
150 154.9 121.6 182.4
115 67.4 53.1 79.7



#2
1,4-Dioxane
Concen: 0.084 ng
RT: 3.161 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

Tgt Ion: 88 Resp: 645
Ion Ratio Lower Upper
88 100
43 0.0 20.4 30.6#
58 76.1 51.0 76.6

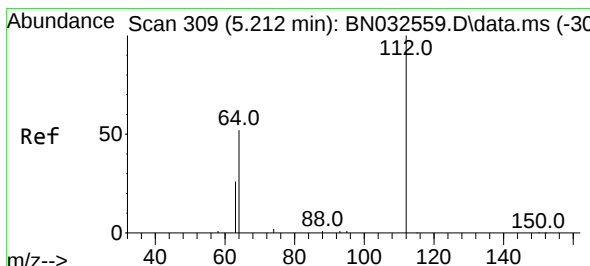
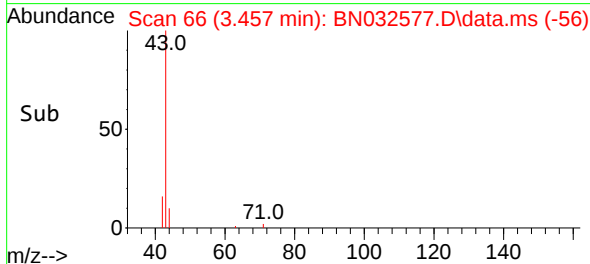
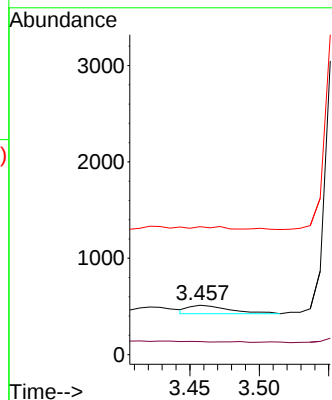
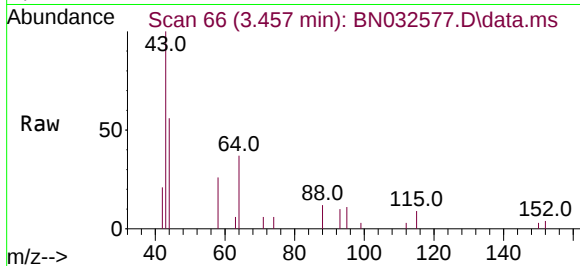




#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.457 min Scan# 60
Delta R.T. -0.029 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

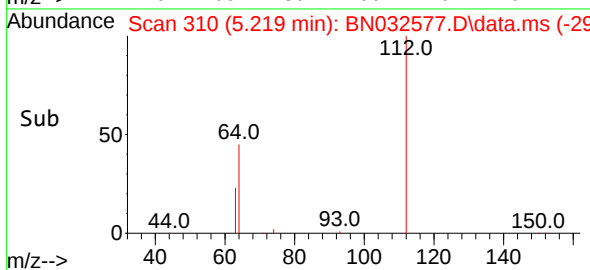
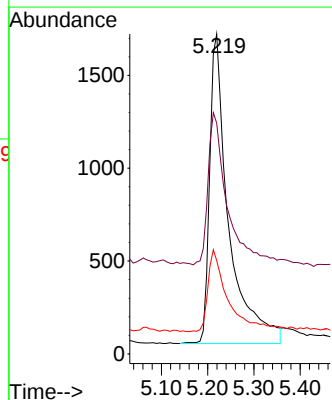
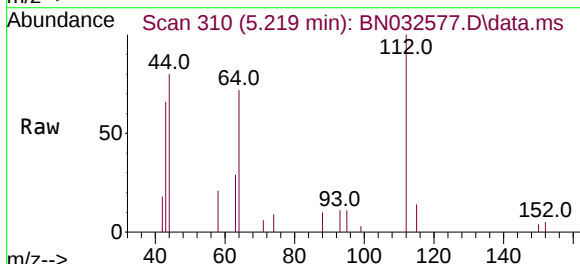
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BNA_N
ClientSampleId :
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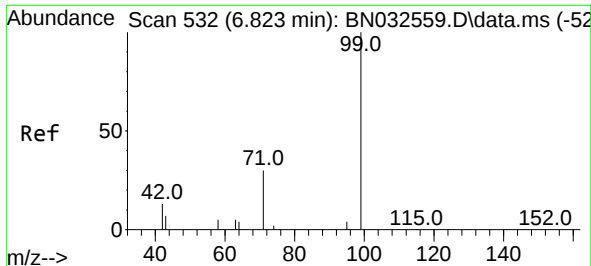
Tgt Ion: 42 Resp: 181
Ion Ratio Lower Upper
42 100
74 0.0 126.8 190.2#
44 0.0 8.7 13.1#



#4
2-Fluorophenol
Concen: 0.323 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

Tgt Ion: 112 Resp: 4755
Ion Ratio Lower Upper
112 100
64 49.1 41.2 61.8
63 28.0 21.6 32.4

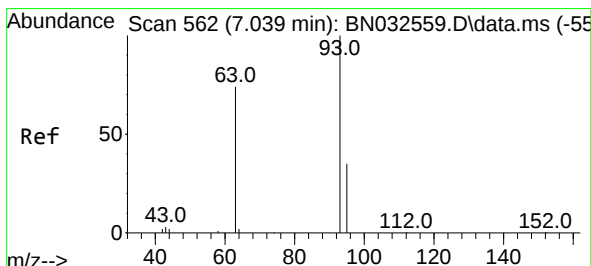
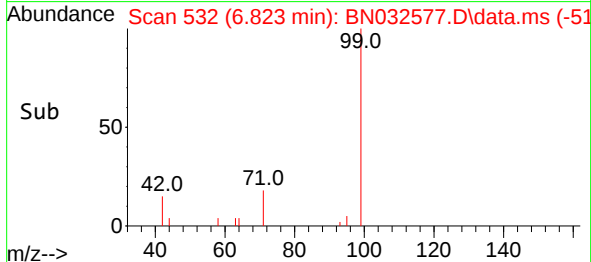
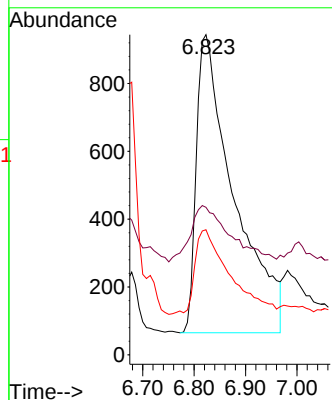
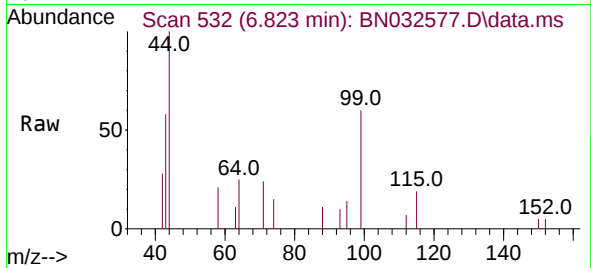




#5
Phenol-d6
Concen: 0.236 ng
RT: 6.823 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

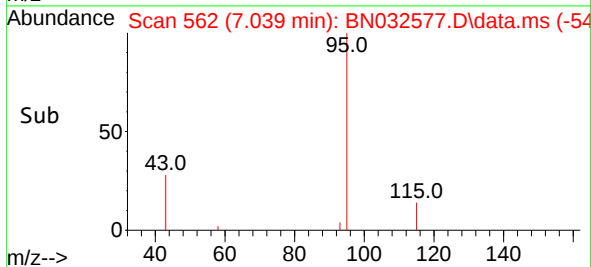
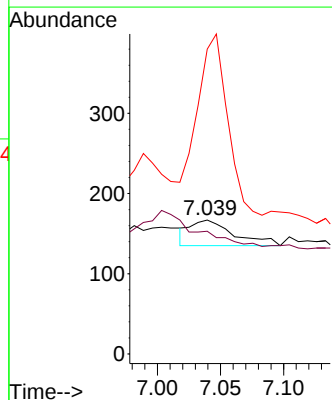
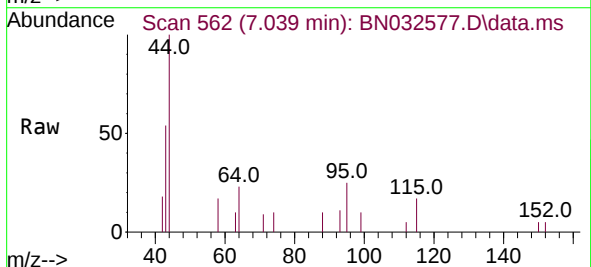
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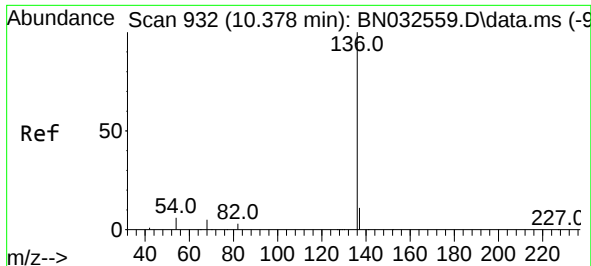
Tgt Ion: 99 Resp: 4449
Ion Ratio Lower Upper
99 100
42 20.0 10.6 16.0#
71 26.4 25.2 37.8



#6
bis(2-Chloroethyl)ether
Concen: 0.091 ng
RT: 7.039 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

Tgt Ion: 93 Resp: 78
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 484.6 30.5 45.7#

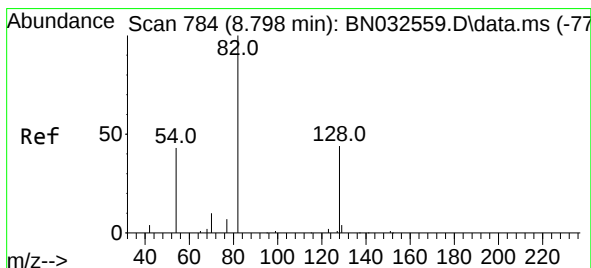
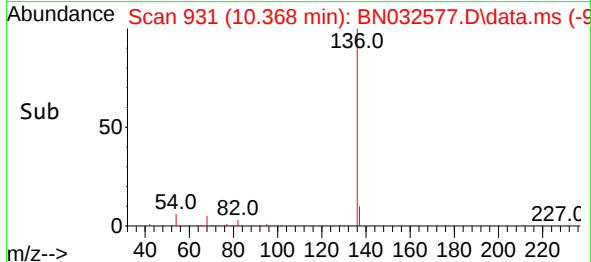
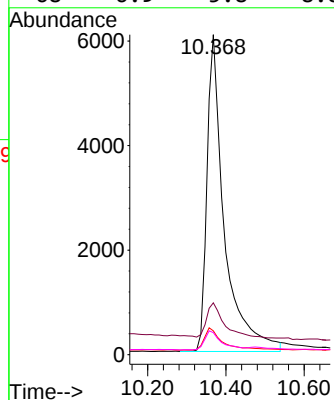
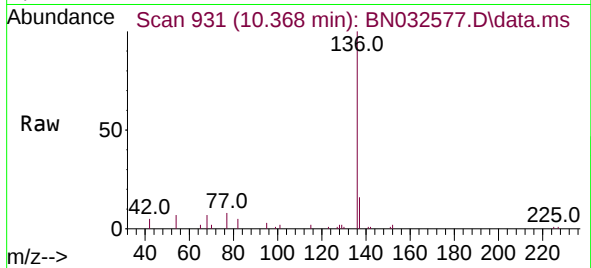




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.368 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

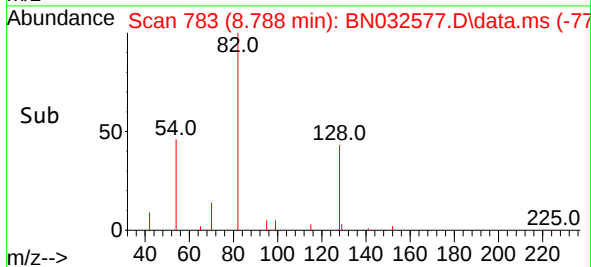
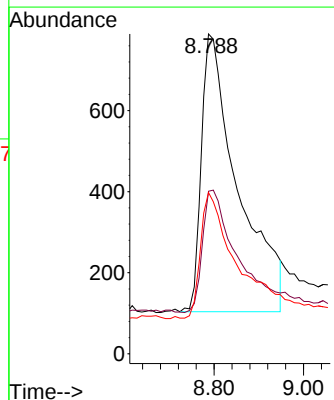
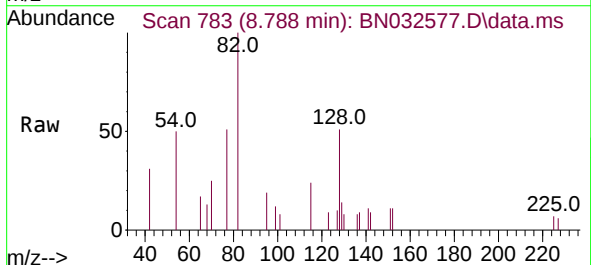
Instrument :
BNA_N
ClientSampleId :
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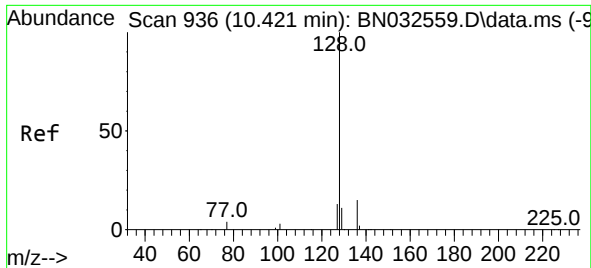
Tgt Ion:	136	Resp:	18693
Ion	Ratio	Lower	Upper
136	100		
137	16.2	10.0	15.0#
54	7.5	6.6	9.8
68	6.9	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 8.788 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

Tgt Ion:	82	Resp:	3882
Ion	Ratio	Lower	Upper
82	100		
128	50.8	43.4	65.2
54	50.4	40.2	60.2

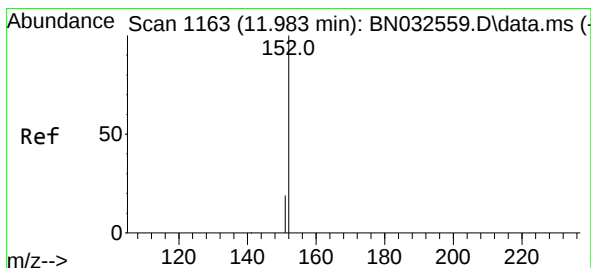
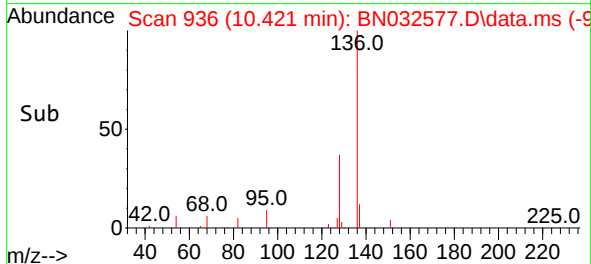
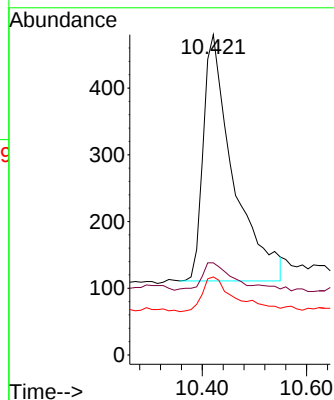
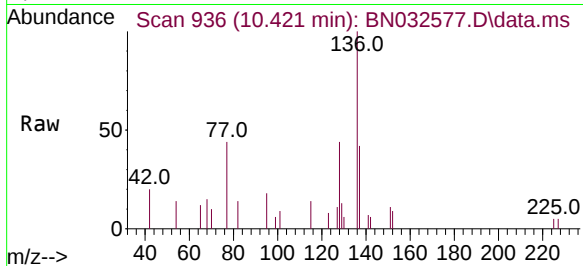




#9
Naphthalene
Concen: 0.029 ng
RT: 10.421 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

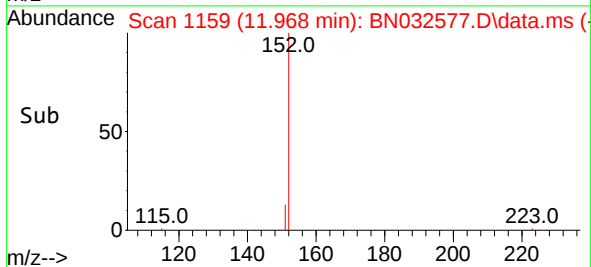
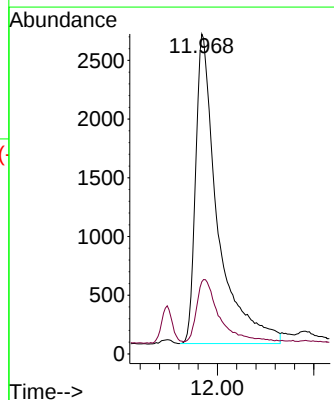
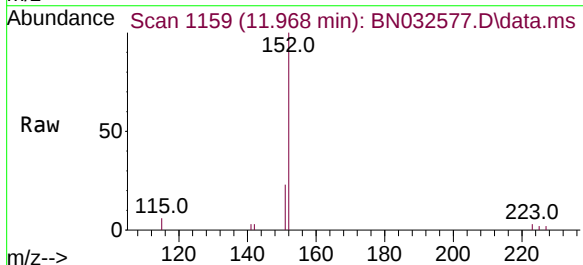
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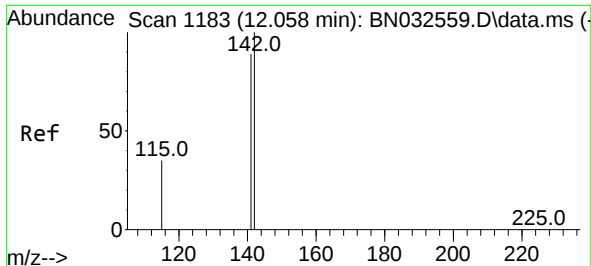
Tgt Ion:128 Resp: 1466
Ion Ratio Lower Upper
128 100
129 28.8 10.2 15.4#
127 24.4 11.4 17.0#



#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 11.968 min Scan# 1159
Delta R.T. -0.015 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

Tgt Ion:152 Resp: 8368
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6

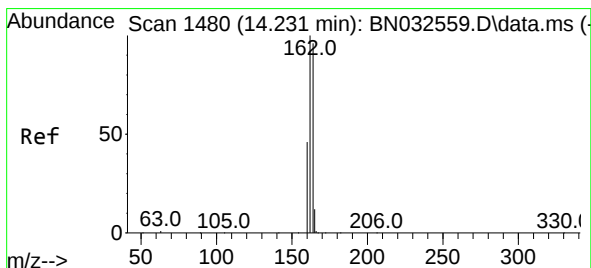
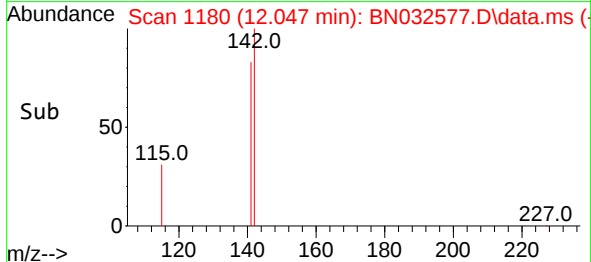
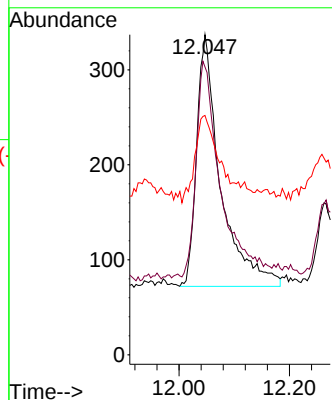
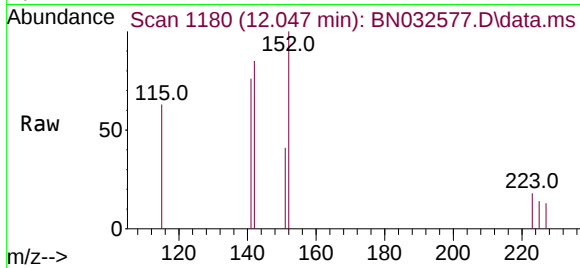




#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.047 min Scan# 1183
Delta R.T. -0.011 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

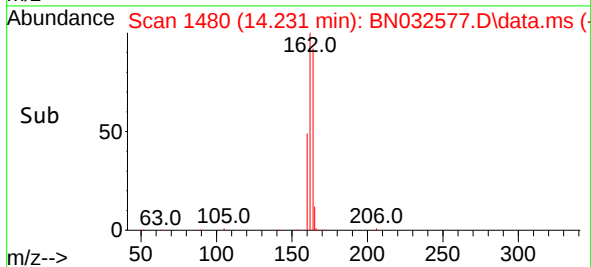
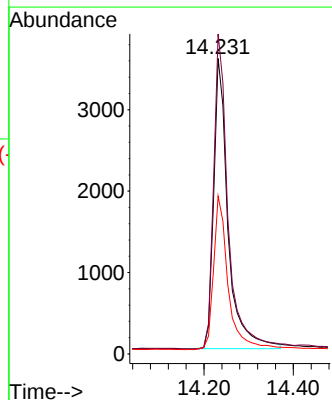
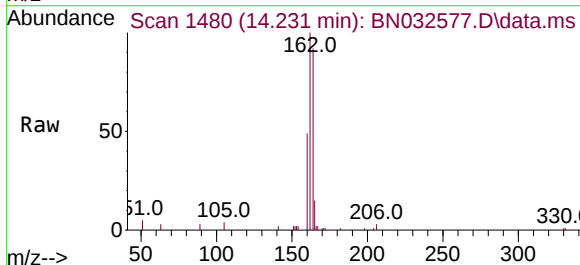
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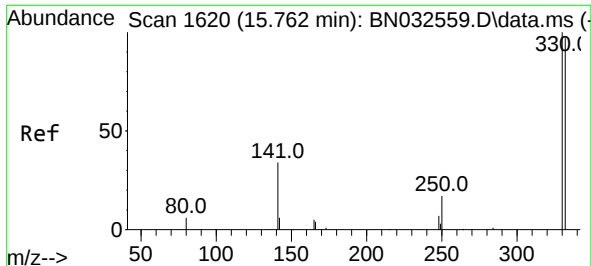
Tgt Ion:142 Resp: 795
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6
115 74.8 30.5 45.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

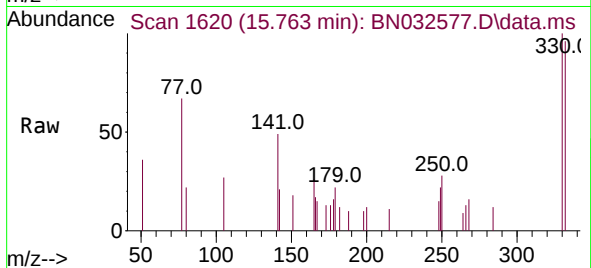
Tgt Ion:164 Resp: 7965
Ion Ratio Lower Upper
164 100
162 108.3 83.2 124.8
160 53.4 38.6 57.8



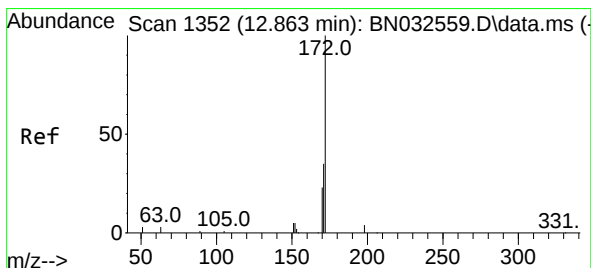
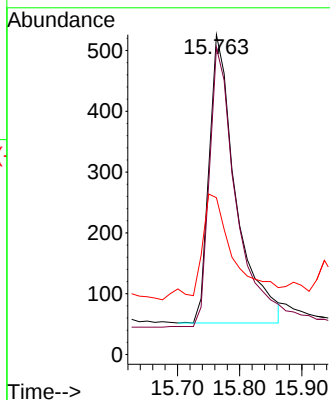
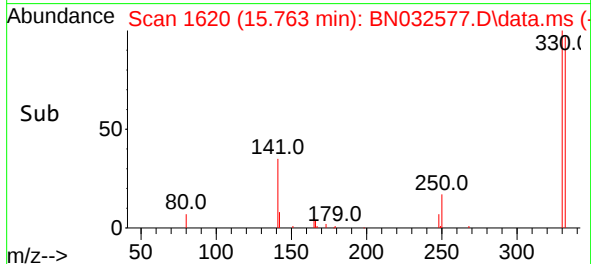


#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.763 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

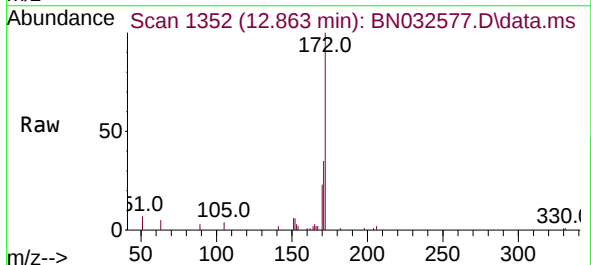
Instrument :
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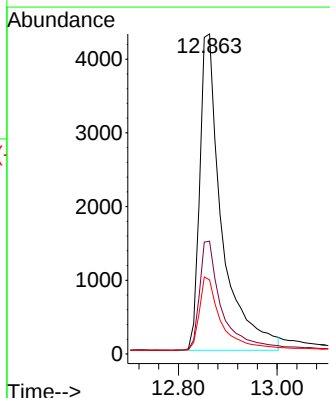
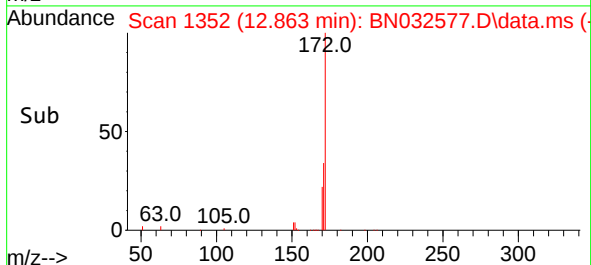
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Ion Ratio Lower Upper
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332 97.6 77.7 116.5
141 36.7 31.8 47.8

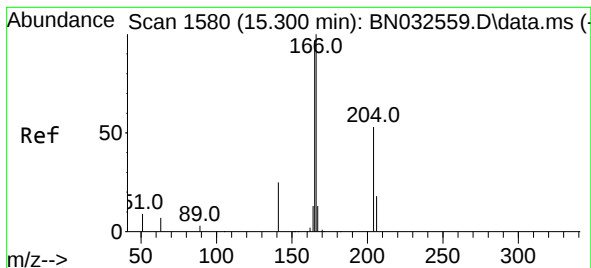


#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 12.863 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36



Tgt Ion: 172 Resp: 13323
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.2 19.2 28.8





#18

Fluorene

Concen: 0.023 ng

RT: 15.311 min Scan# 1581

Delta R.T. 0.011 min

Lab File: BN032577.D

Acq: 09 Jul 2024 08:36

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-820-822

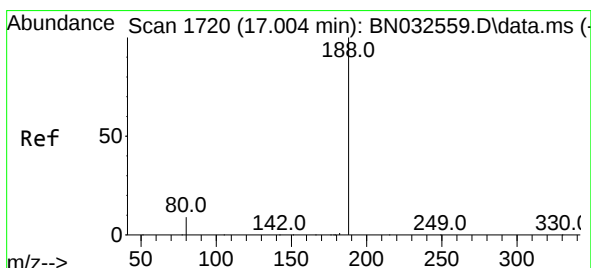
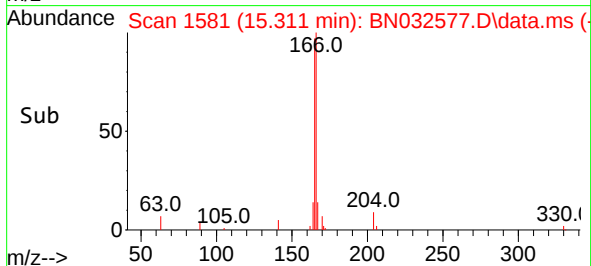
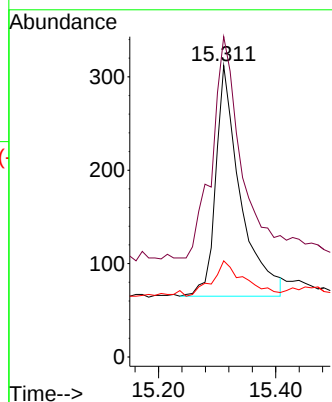
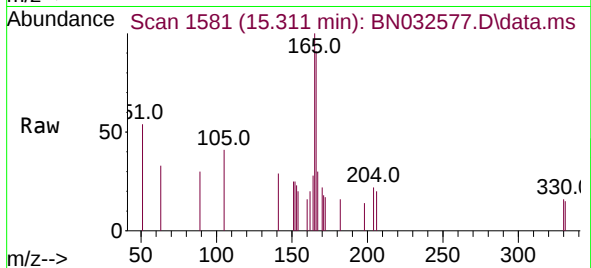
Tgt Ion:166 Resp: 718

Ion Ratio Lower Upper

166 100

165 111.7 78.7 118.1

167 20.3 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.004 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BN032577.D

Acq: 09 Jul 2024 08:36

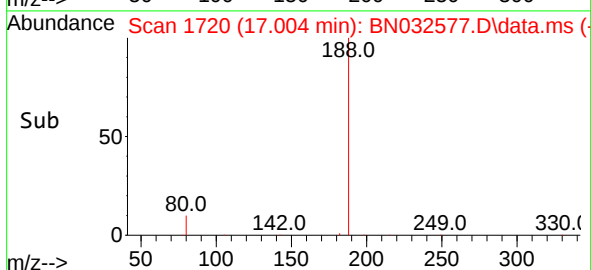
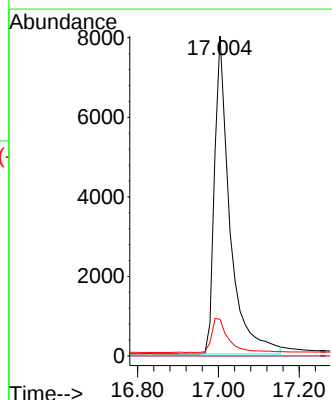
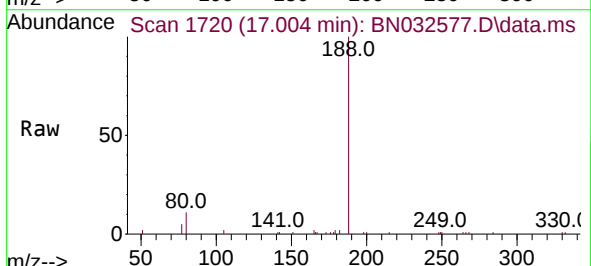
Tgt Ion:188 Resp: 21136

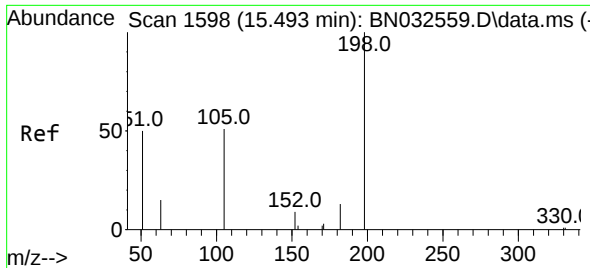
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 7.8 11.6

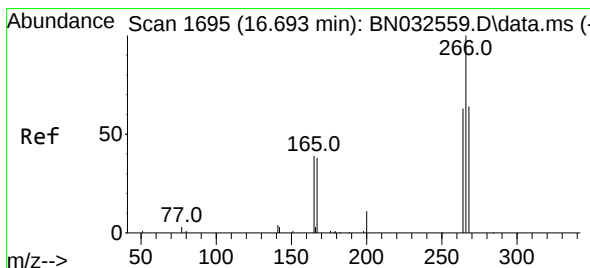
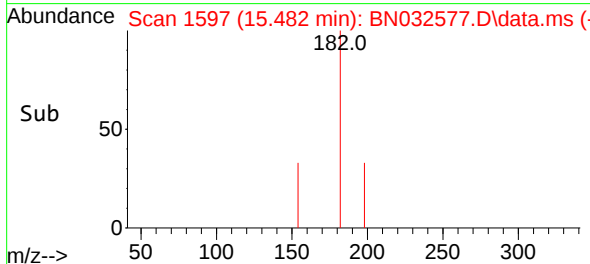
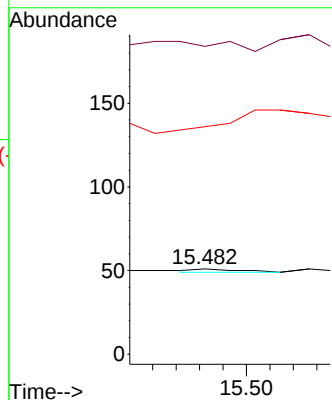
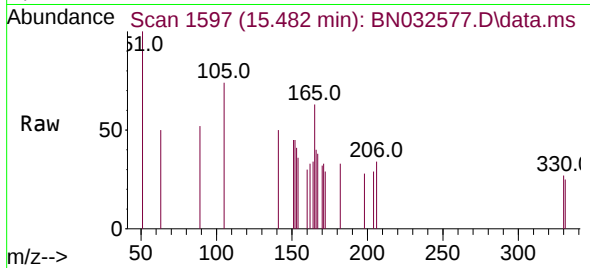




#20
4,6-Dinitro-2-methylphenol
Concen: 0.198 ng
RT: 15.482 min Scan# 1597
Delta R.T. -0.011 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

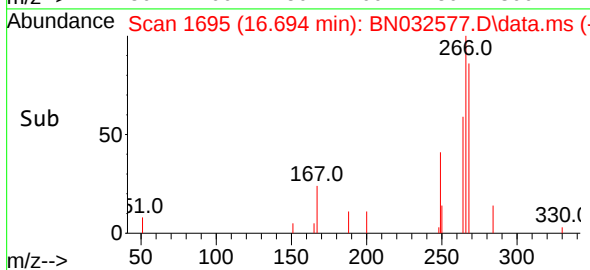
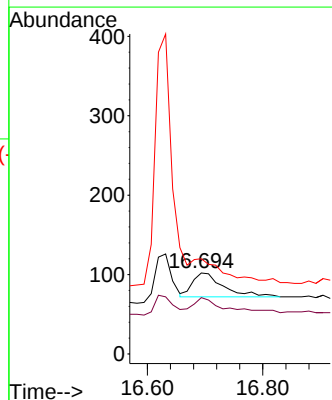
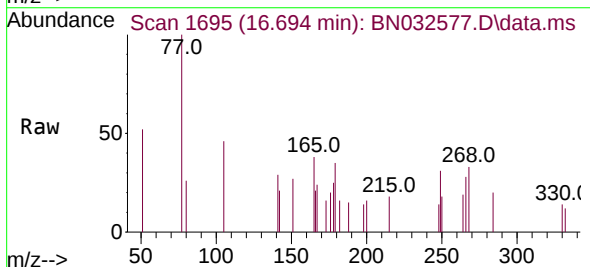
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-820-822

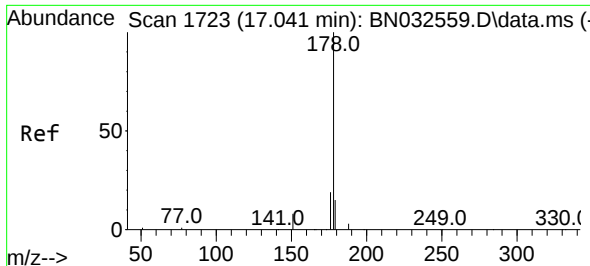
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 360.8 123.4 185.2#
105 266.7 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.186 ng
RT: 16.694 min Scan# 1695
Delta R.T. 0.001 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

Tgt Ion:266 Resp: 112
Ion Ratio Lower Upper
266 100
264 61.6 49.6 74.4
268 0.0 52.2 78.2#

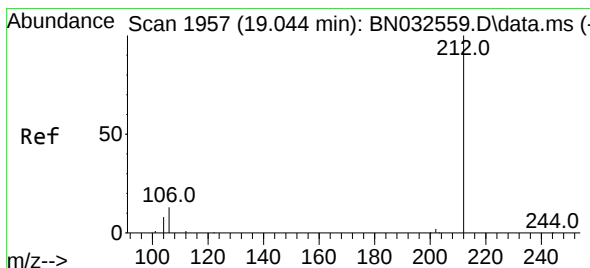
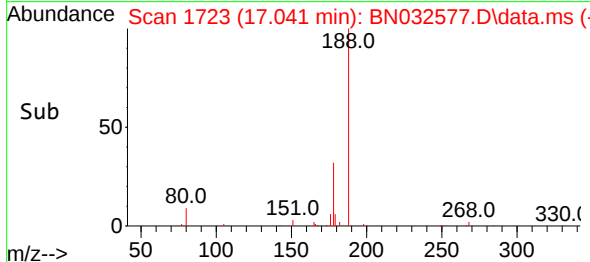
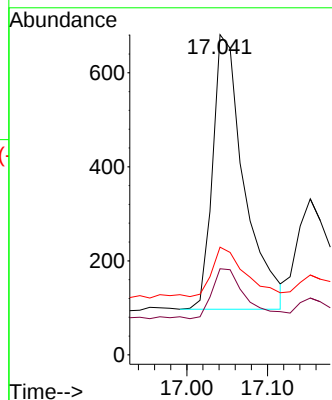
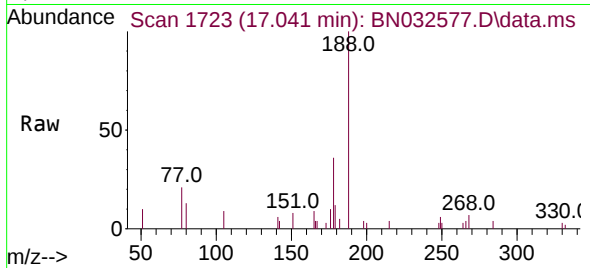




#25
Phenanthrene
Concen: 0.028 ng
RT: 17.041 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

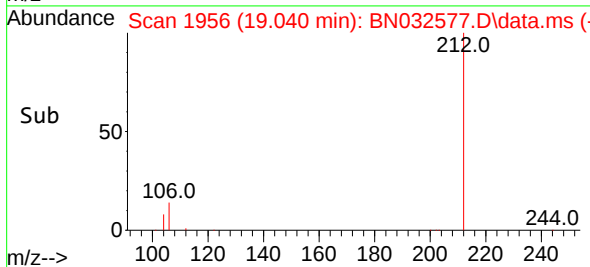
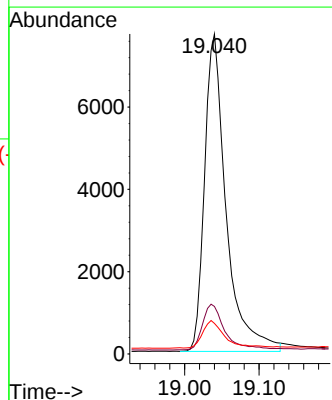
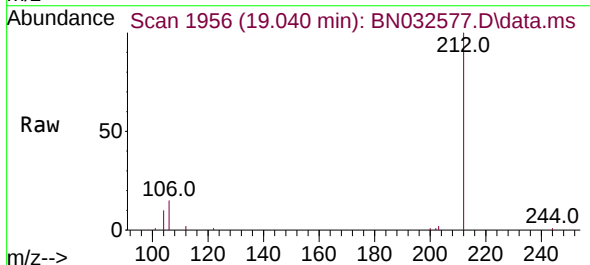
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-820-822

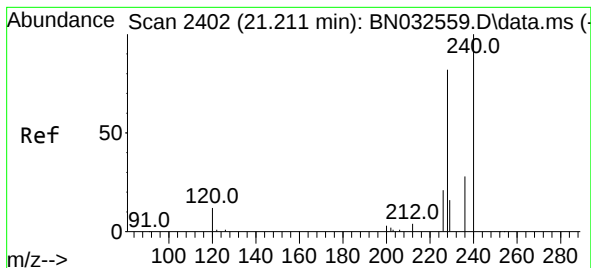
Tgt Ion:178 Resp: 1582
Ion Ratio Lower Upper
178 100
176 20.0 15.2 22.8
179 18.5 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.283 ng
RT: 19.040 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

Tgt Ion:212 Resp: 15565
Ion Ratio Lower Upper
212 100
106 14.9 11.8 17.8
104 8.9 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: BN032577.D

Acq: 09 Jul 2024 08:36

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-820-822

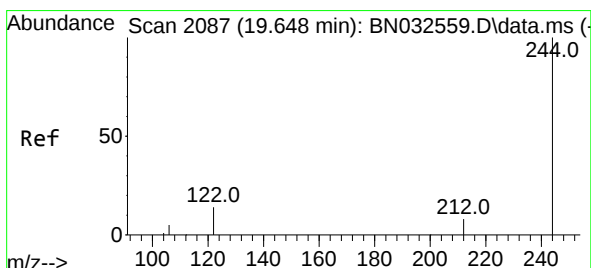
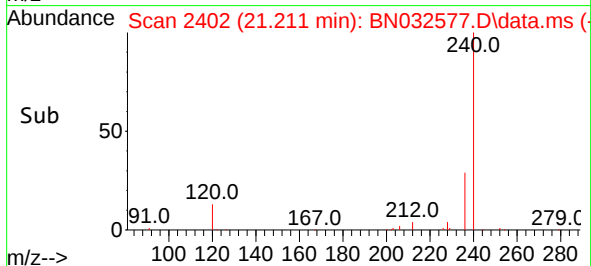
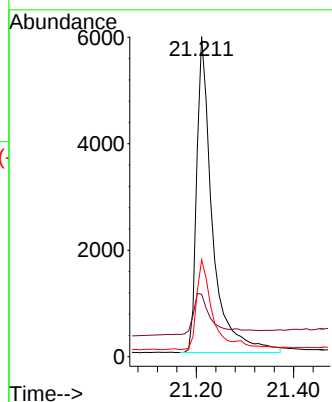
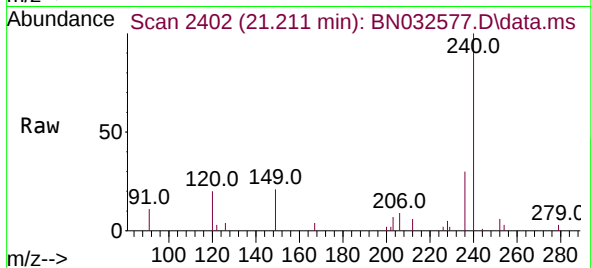
Tgt Ion:240 Resp: 13313

Ion Ratio Lower Upper

240 100

120 19.5 13.0 19.4#

236 30.3 23.1 34.7



#31

Terphenyl-d14

Concen: 0.463 ng

RT: 19.635 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN032577.D

Acq: 09 Jul 2024 08:36

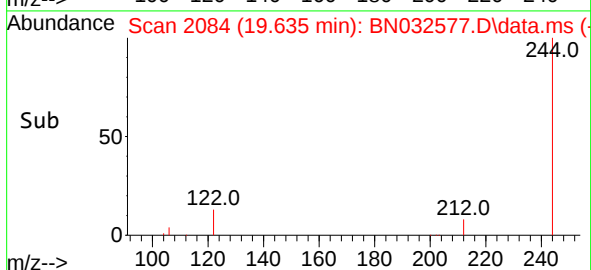
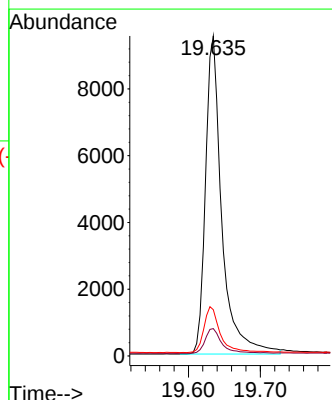
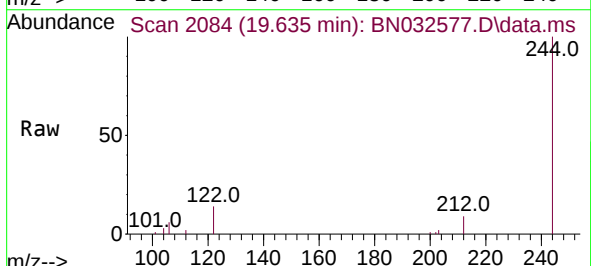
Tgt Ion:244 Resp: 15043

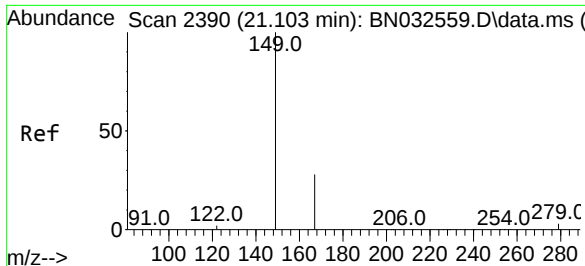
Ion Ratio Lower Upper

244 100

212 8.6 7.2 10.8

122 14.4 12.1 18.1

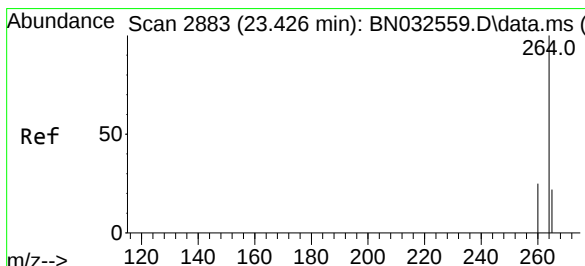
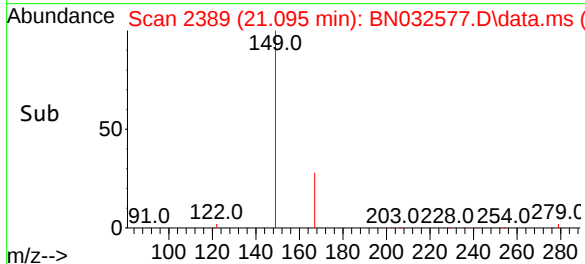
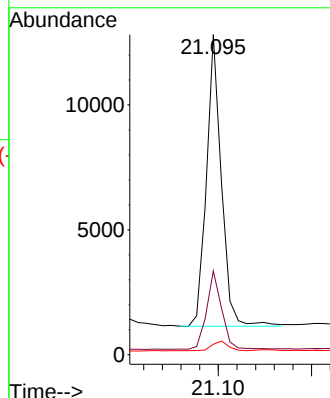
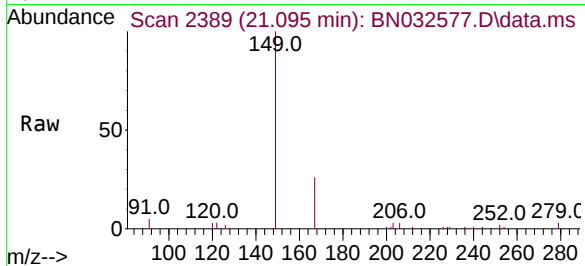




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.434 ng
RT: 21.095 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

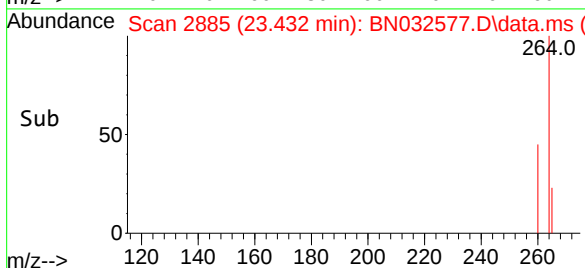
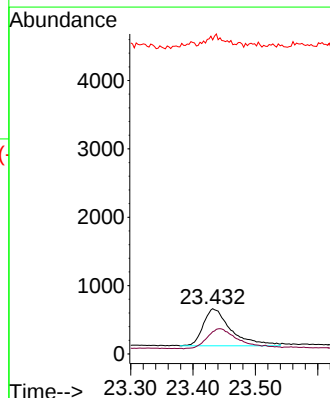
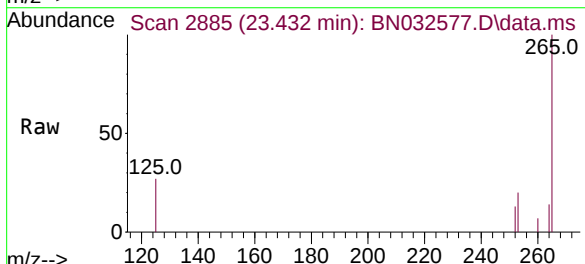
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-820-822

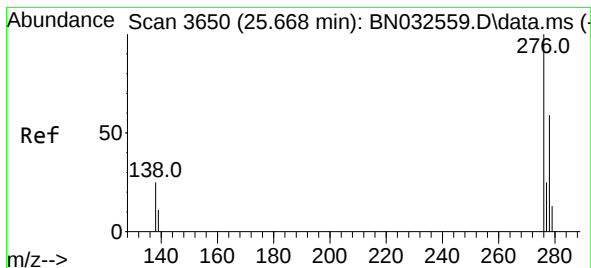
Tgt Ion:149 Resp: 12996
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 3.5 3.0 4.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.432 min Scan# 2885
Delta R.T. 0.006 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

Tgt Ion:264 Resp: 1684
Ion Ratio Lower Upper
264 100
260 49.2 21.0 31.6#
265 694.1 76.6 115.0#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.037 ng

RT: 25.703 min Scan# 3

Delta R.T. 0.035 min

Lab File: BN032577.D

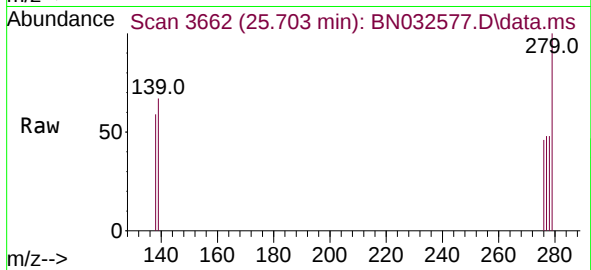
Acq: 09 Jul 2024 08:36

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-820-822



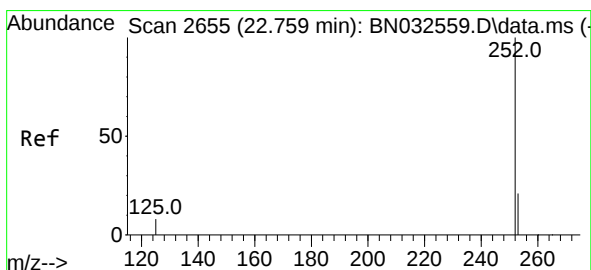
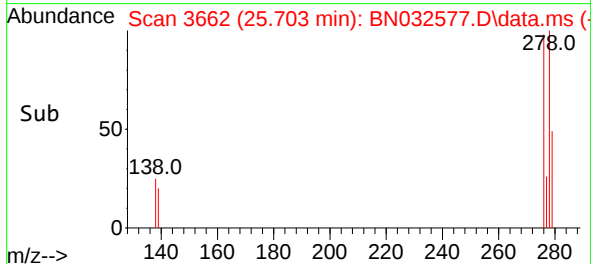
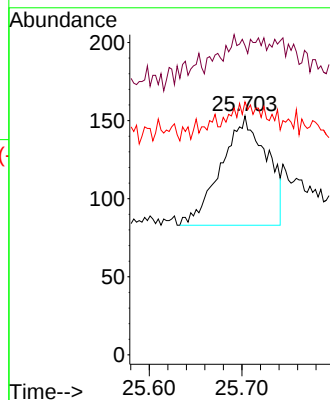
Tgt Ion:276 Resp: 239

Ion Ratio Lower Upper

276 100

138 6.7 21.4 32.0#

277 8.4 19.9 29.9#



#37

Benzo(b)fluoranthene

Concen: 0.092 ng

RT: 22.774 min Scan# 2660

Delta R.T. 0.015 min

Lab File: BN032577.D

Acq: 09 Jul 2024 08:36

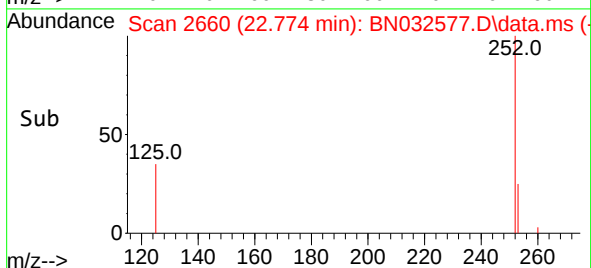
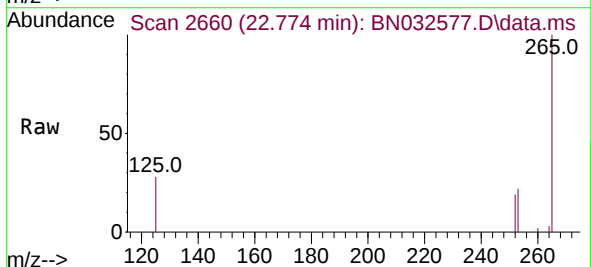
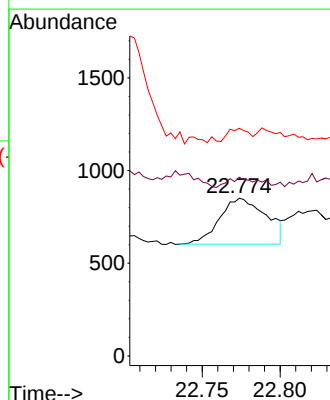
Tgt Ion:252 Resp: 516

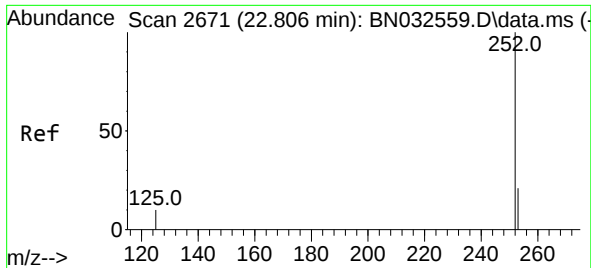
Ion Ratio Lower Upper

252 100

253 113.3 22.2 33.4#

125 144.3 15.4 23.0#

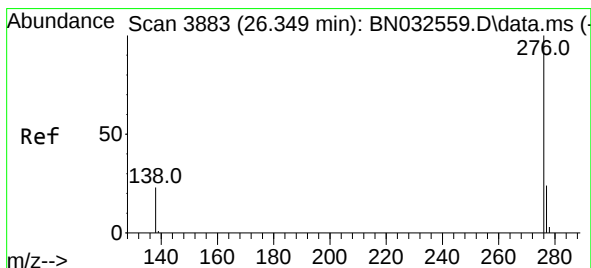
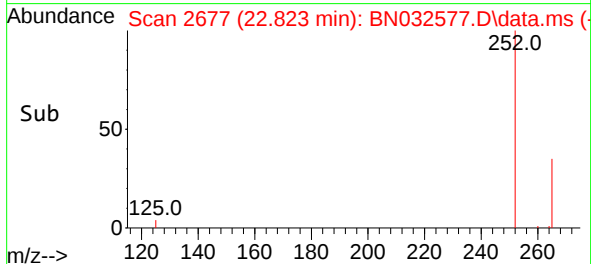
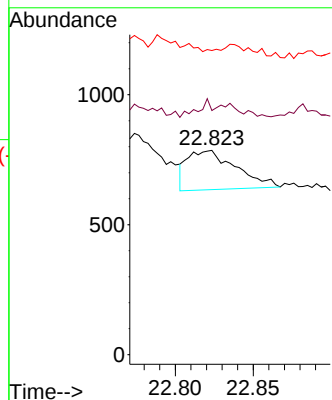
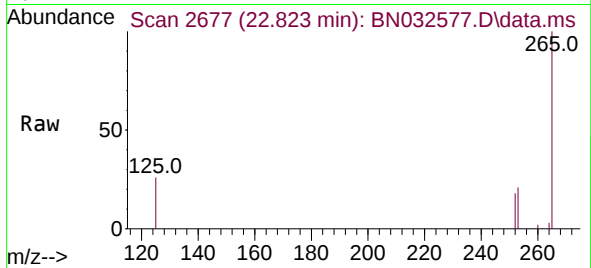




#38
Benzo(k)fluoranthene
Concen: 0.051 ng
RT: 22.823 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-820-822

Tgt Ion:252 Resp: 328
Ion Ratio Lower Upper
252 100
253 119.5 21.9 32.9#
125 148.9 15.3 22.9#



#41
Benzo(g,h,i)perylene
Concen: 0.020 ng
RT: 26.373 min Scan# 3891
Delta R.T. 0.024 min
Lab File: BN032577.D
Acq: 09 Jul 2024 08:36

Tgt Ion:276 Resp: 112
Ion Ratio Lower Upper
276 100
277 113.5 21.5 32.3#
138 141.4 21.4 32.0#

