

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
 Data File : BN036119.D
 Acq On : 29 Jan 2025 22:19
 Operator : RC/JU
 Sample : Q1173-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-60-62

Quant Time: Jan 30 00:37:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 00:34:56 2025
 Response via : Initial Calibration

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

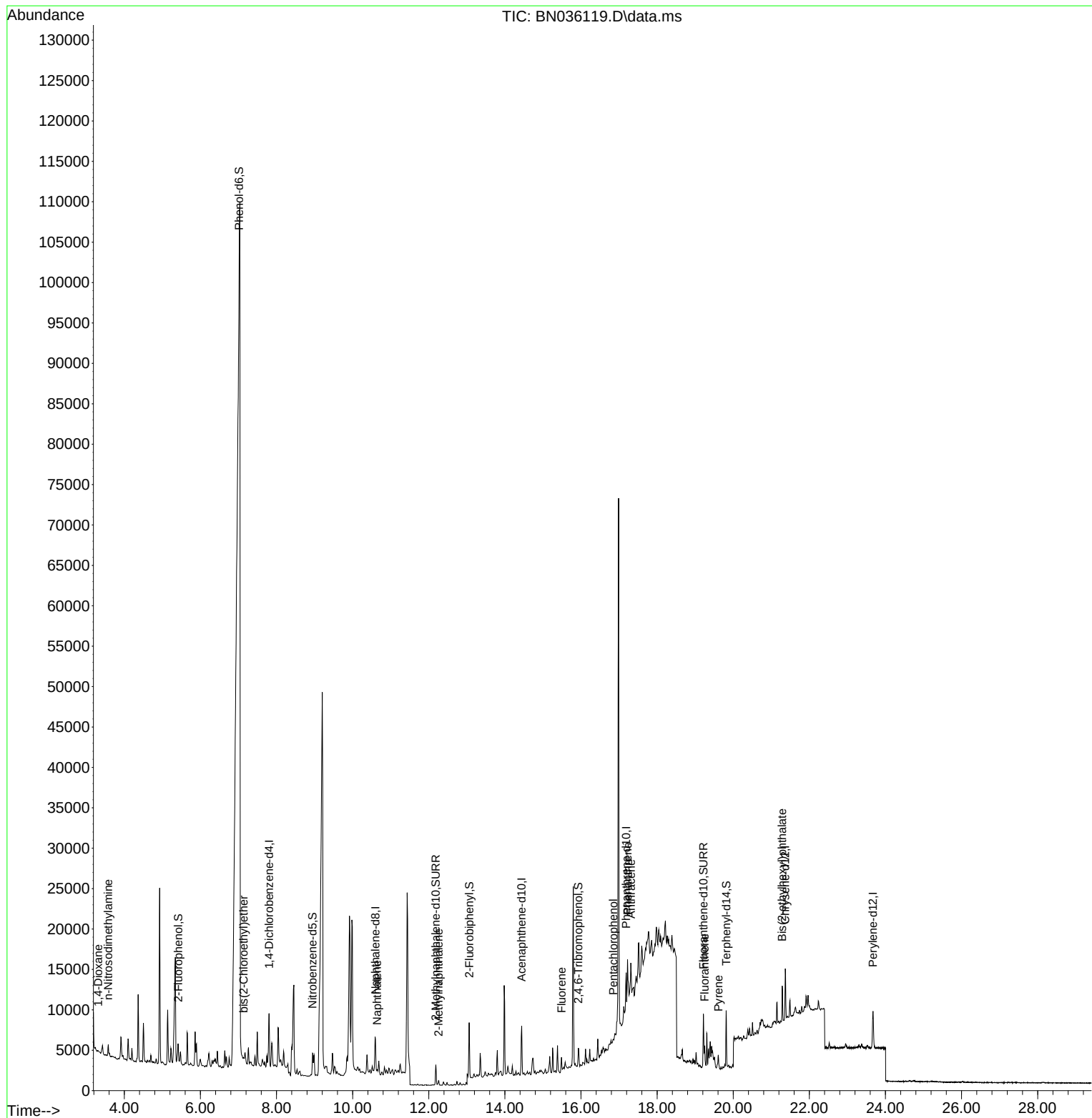
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	2585	0.400	ng	-0.01
7) Naphthalene-d8	10.600	136	6318	0.400	ng	-0.01
13) Acenaphthene-d10	14.442	164	3478	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	7077	0.400	ng	# 0.00
29) Chrysene-d12	21.367	240	5874	0.400	ng	0.00
35) Perylene-d12	23.672	264	5930	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.419	112	1537	0.229	ng	0.03
5) Phenol-d6	7.016	99	12825	1.624	ng	0.04
8) Nitrobenzene-d5	8.945	82	2333	0.391	ng	-0.01
11) 2-Methylnaphthalene-d10	12.182	152	3242	0.377	ng	-0.02
14) 2,4,6-Tribromophenol	15.933	330	781	0.350	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	5154	0.332	ng	0.00
27) Fluoranthene-d10	19.216	212	7470	0.407	ng	0.00
31) Terphenyl-d14	19.815	244	6314	0.517	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	221	0.076	ng	# 72
3) n-Nitrosodimethylamine	3.578	42	303	0.058	ng	# 31
6) bis(2-Chloroethyl)ether	7.131	93	413	0.065	ng	# 18
9) Naphthalene	10.643	128	558	0.030	ng	# 59
12) 2-Methylnaphthalene	12.258	142	344	0.030	ng	# 74
18) Fluorene	15.489	166	962	0.068	ng	# 93
24) Pentachlorophenol	16.851	266	83	0.029	ng	# 75
25) Phenanthrene	17.224	178	6047	0.284	ng	# 82
26) Anthracene	17.310	178	3493	0.181	ng	# 77
28) Fluoranthene	19.248	202	1853	0.074	ng	# 75
30) Pyrene	19.611	202	1362	0.057	ng	97
34) Bis(2-ethylhexyl)phtha...	21.286	149	4334	0.371	ng	96

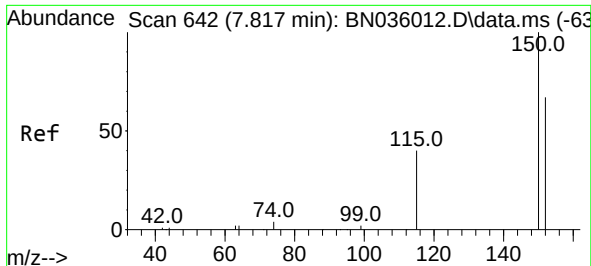
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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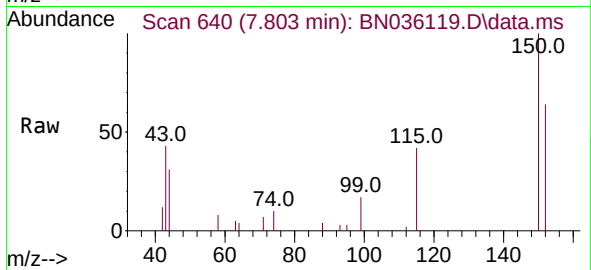
Quant Time: Jan 30 00:37:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
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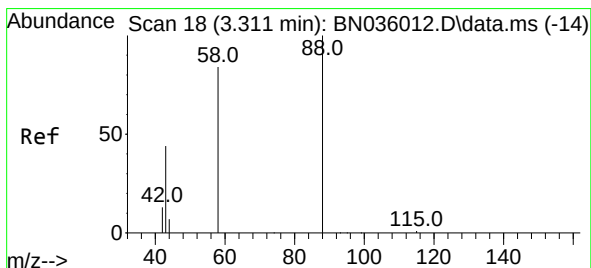
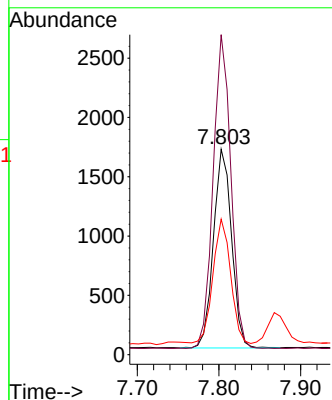
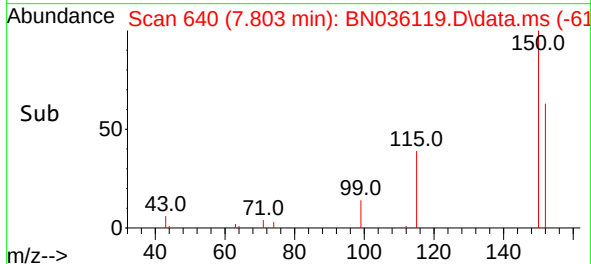


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.803 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN036119.D
 Acq: 29 Jan 2025 22:19

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-60-62

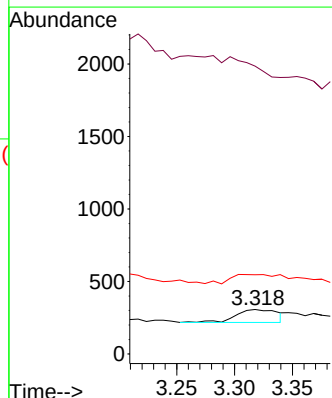
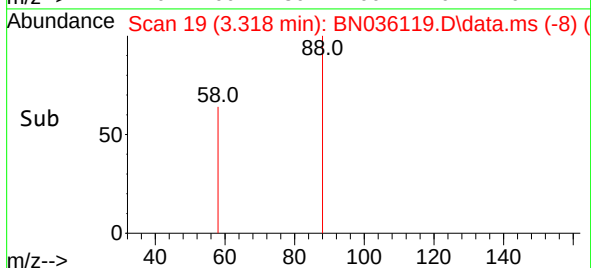
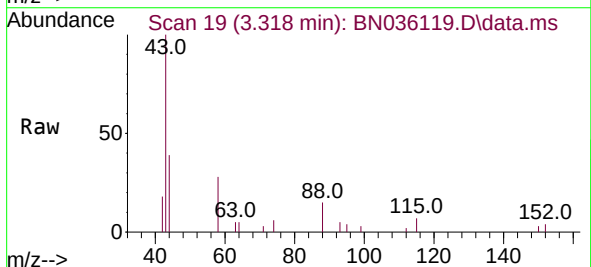


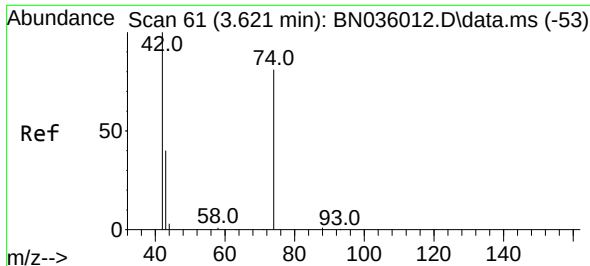
Tgt Ion:152 Resp: 2585
 Ion Ratio Lower Upper
 152 100
 150 155.8 117.4 176.2
 115 66.0 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.076 ng
 RT: 3.318 min Scan# 19
 Delta R.T. 0.007 min
 Lab File: BN036119.D
 Acq: 29 Jan 2025 22:19

Tgt Ion: 88 Resp: 221
 Ion Ratio Lower Upper
 88 100
 43 0.0 38.5 57.7#
 58 86.4 66.6 99.8

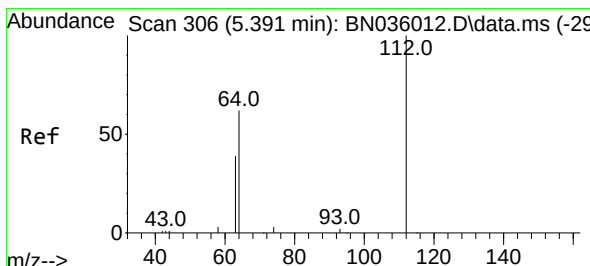
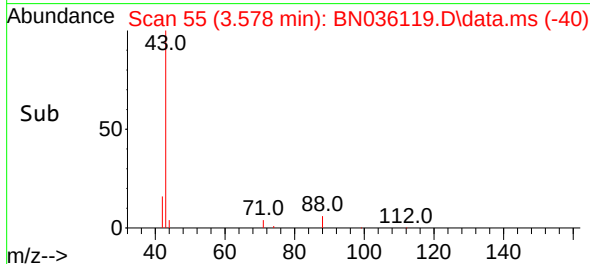
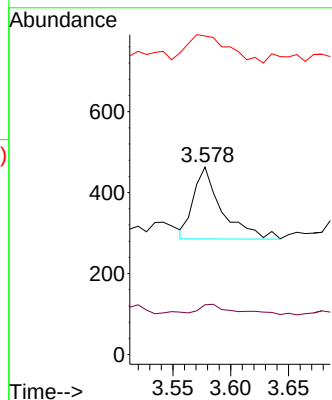
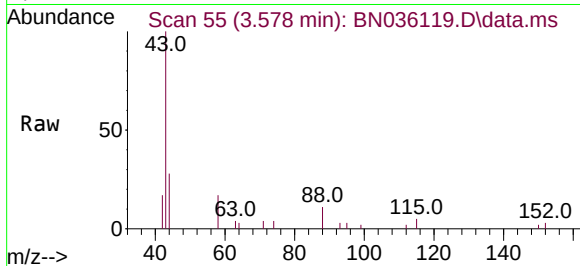




#3
n-Nitrosodimethylamine
Concen: 0.058 ng
RT: 3.578 min Scan# 51
Delta R.T. -0.043 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

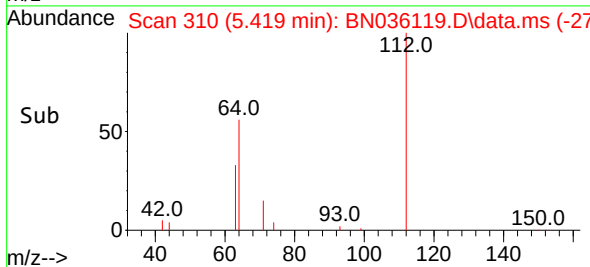
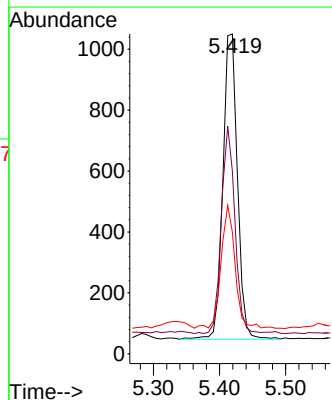
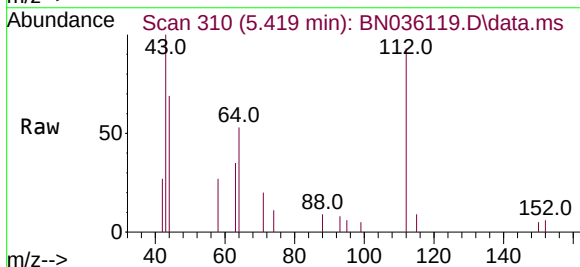
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-60-62

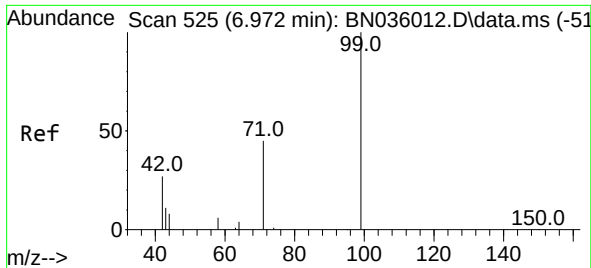
Tgt Ion: 42 Resp: 303
Ion Ratio Lower Upper
42 100
74 21.5 58.1 87.1#
44 57.8 6.2 9.4#



#4
2-Fluorophenol
Concen: 0.229 ng
RT: 5.419 min Scan# 310
Delta R.T. 0.029 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

Tgt Ion: 112 Resp: 1537
Ion Ratio Lower Upper
112 100
64 63.2 50.0 75.0
63 39.6 30.7 46.1

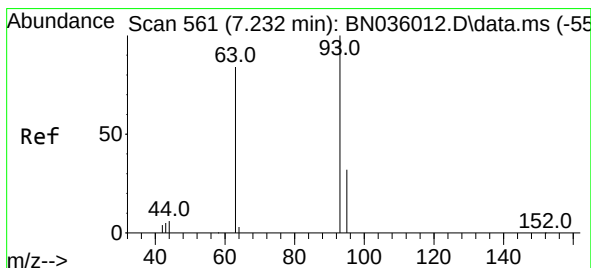
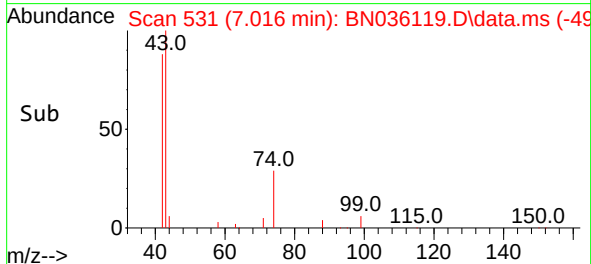
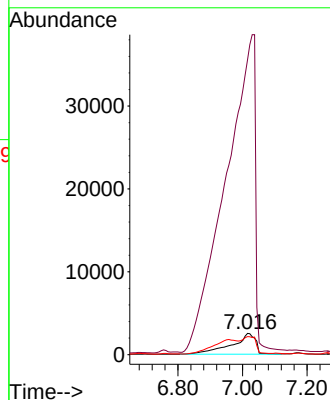
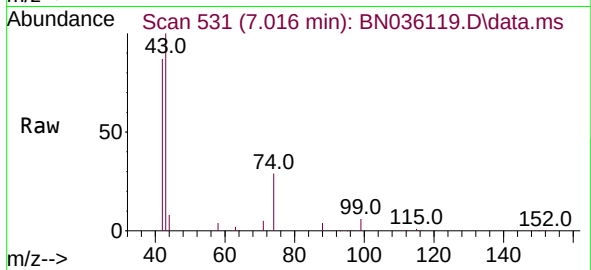




#5
Phenol-d6
Concen: 1.624 ng
RT: 7.016 min Scan# 51
Delta R.T. 0.043 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

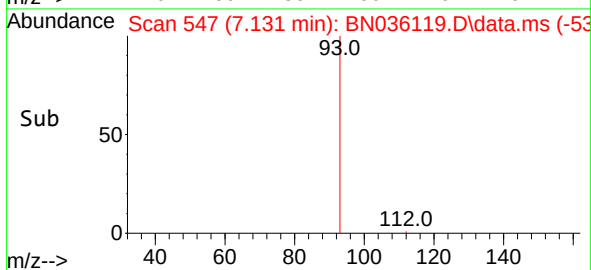
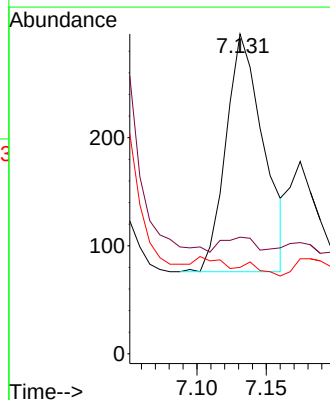
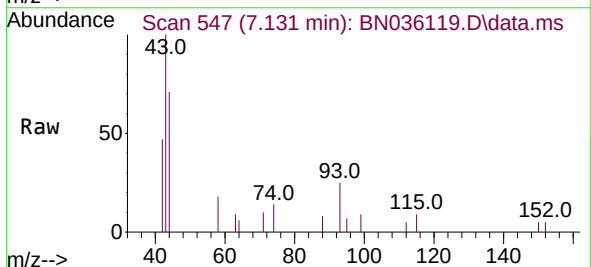
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-60-62

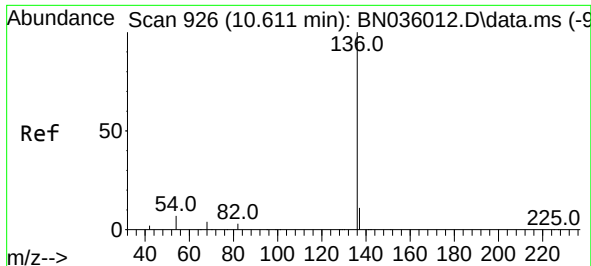
Tgt Ion: 99 Resp: 12825
Ion Ratio Lower Upper
99 100
42 1904.9 26.8 40.2#
71 44.7 36.6 55.0



#6
bis(2-Chloroethyl)ether
Concen: 0.065 ng
RT: 7.131 min Scan# 547
Delta R.T. -0.101 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

Tgt Ion: 93 Resp: 413
Ion Ratio Lower Upper
93 100
63 0.0 65.8 98.6#
95 0.0 25.8 38.6#

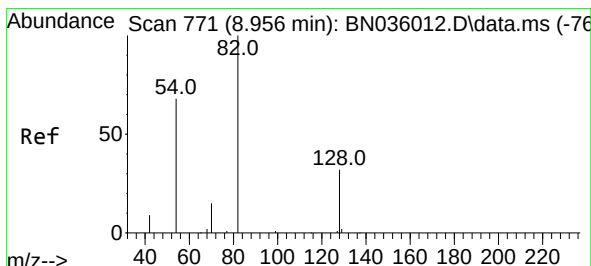
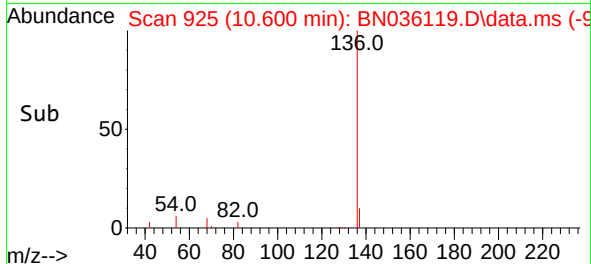
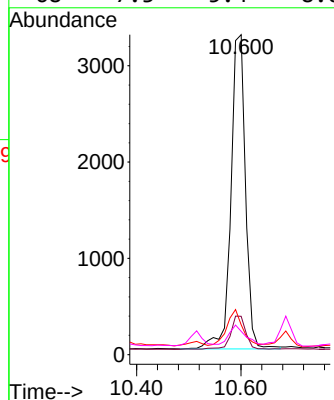
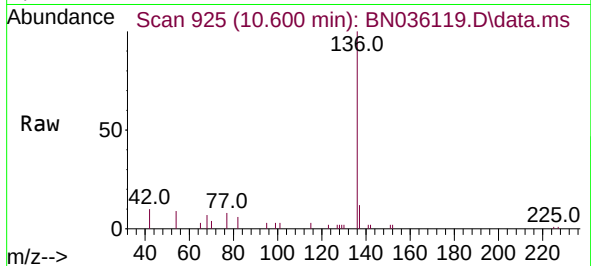




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.600 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

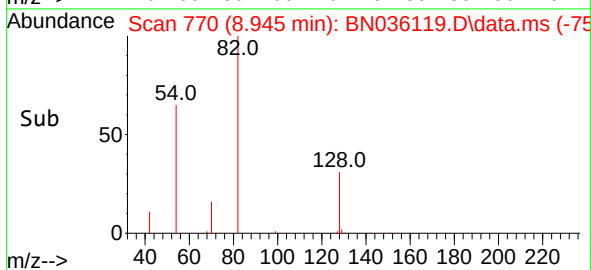
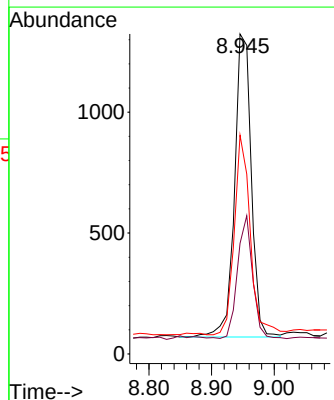
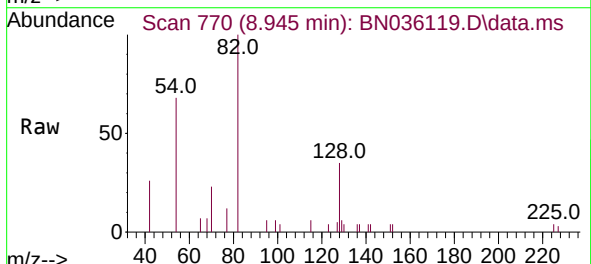
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-60-62

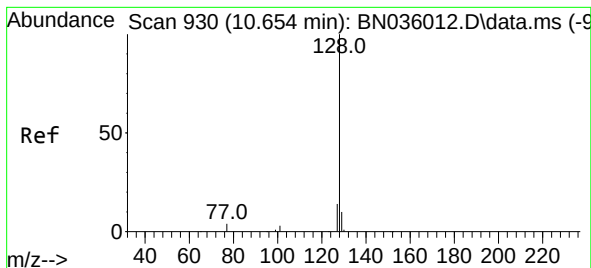
Tgt Ion:136	Resp:	6318
Ion	Ratio	Lower Upper
136	100	
137	12.0	10.4 15.6
54	9.4	7.7 11.5
68	7.3	5.4 8.0



#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.945 min Scan# 770
Delta R.T. -0.011 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

Tgt Ion: 82	Resp:	2333
Ion	Ratio	Lower Upper
82	100	
128	34.5	28.8 43.2
54	68.4	55.8 83.8





#9

Naphthalene

Concen: 0.030 ng

RT: 10.643 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN036119.D

Acq: 29 Jan 2025 22:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-60-62

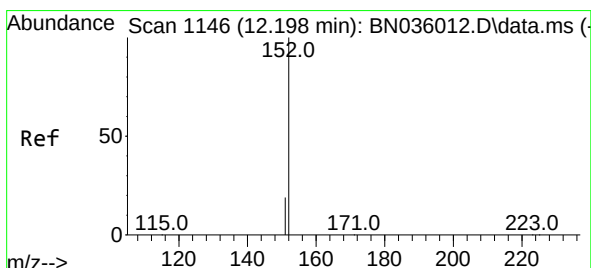
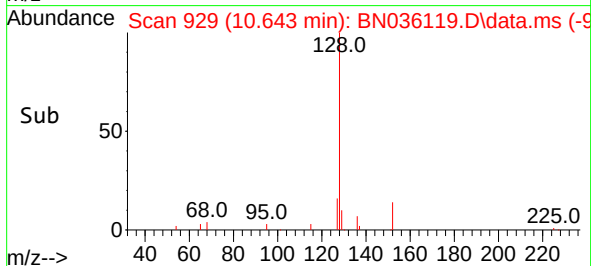
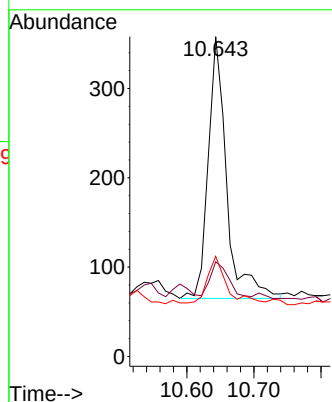
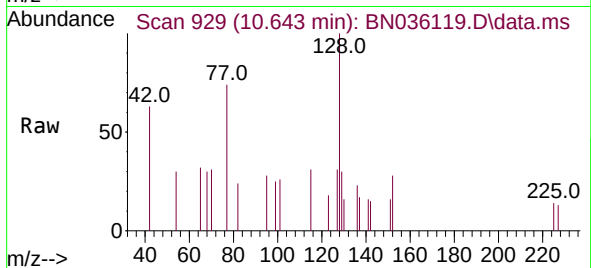
Tgt Ion:128 Resp: 558

Ion Ratio Lower Upper

128 100

129 29.6 9.4 14.2#

127 31.3 12.6 19.0#



#11

2-Methylnaphthalene-d10

Concen: 0.377 ng

RT: 12.182 min Scan# 1143

Delta R.T. -0.015 min

Lab File: BN036119.D

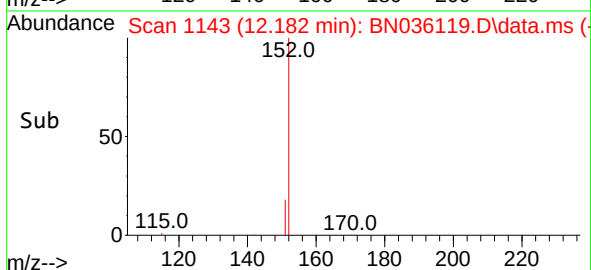
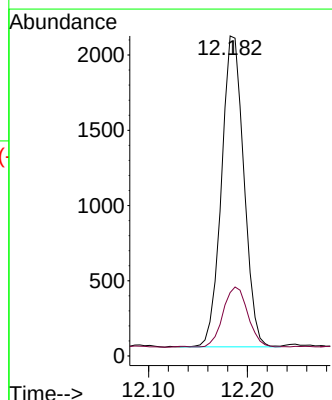
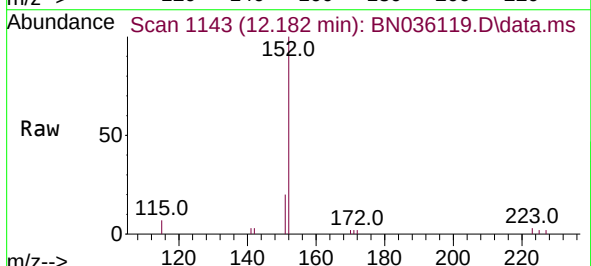
Acq: 29 Jan 2025 22:19

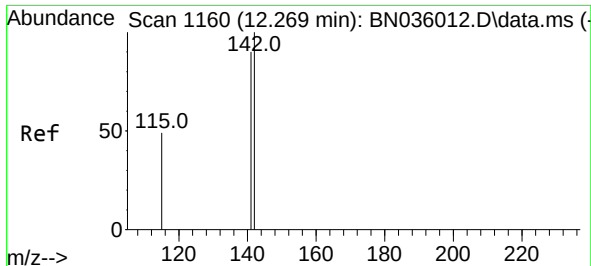
Tgt Ion:152 Resp: 3242

Ion Ratio Lower Upper

152 100

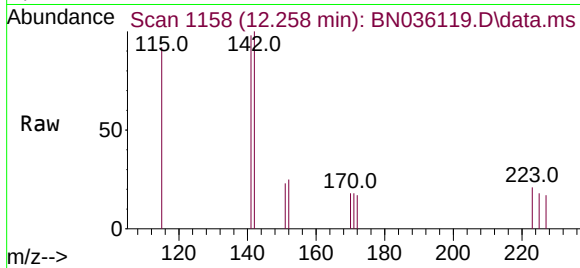
151 21.1 16.6 25.0



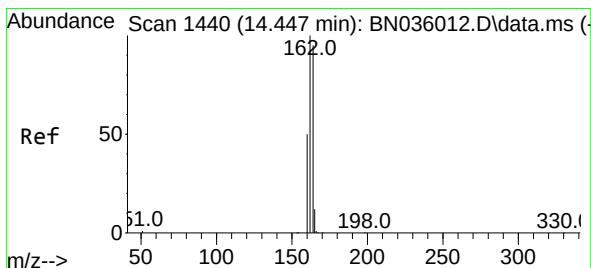
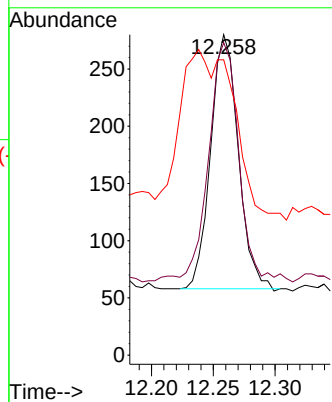
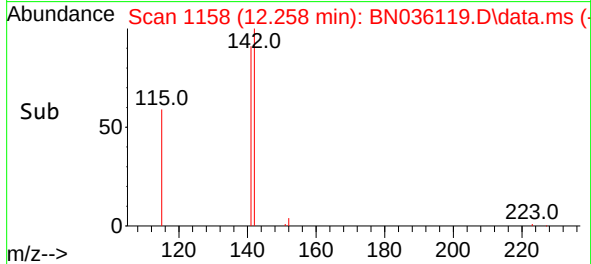


#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.258 min Scan# 1160
Delta R.T. -0.010 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-60-62

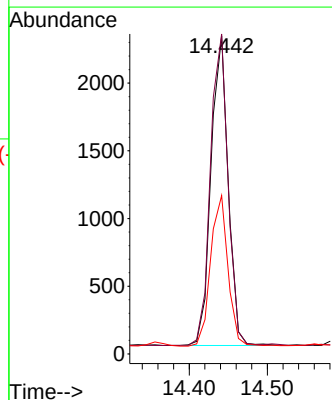
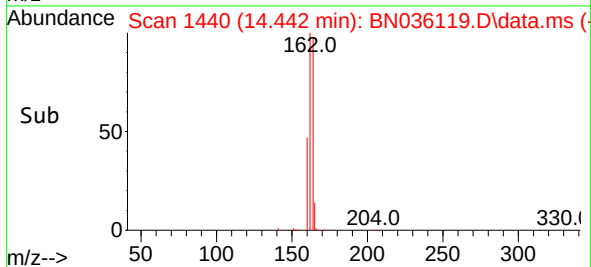
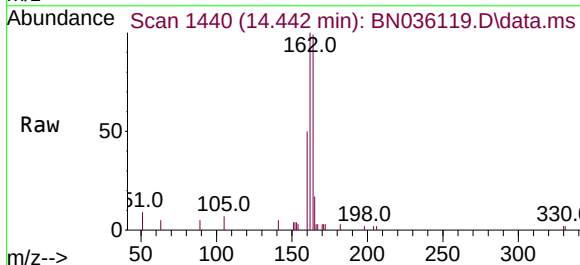


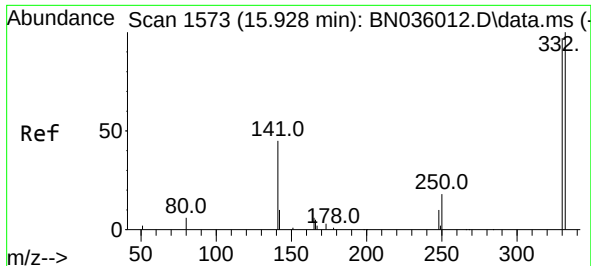
Tgt Ion:142 Resp: 344
Ion Ratio Lower Upper
142 100
141 97.5 72.2 108.2
115 92.1 41.2 61.8#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.442 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

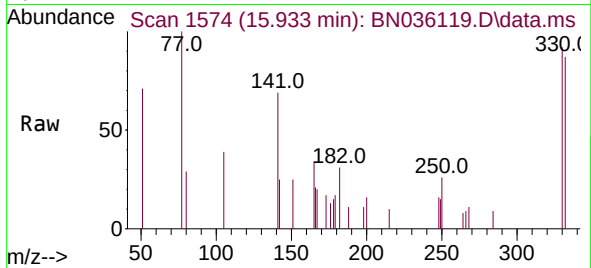
Tgt Ion:164 Resp: 3478
Ion Ratio Lower Upper
164 100
162 100.6 84.1 126.1
160 49.8 43.8 65.8



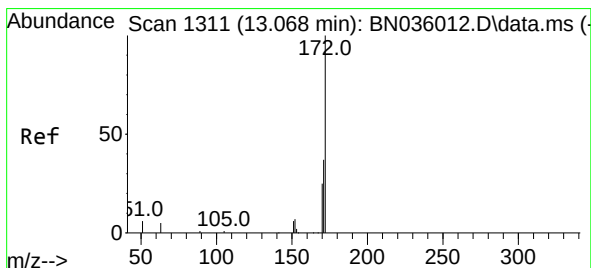
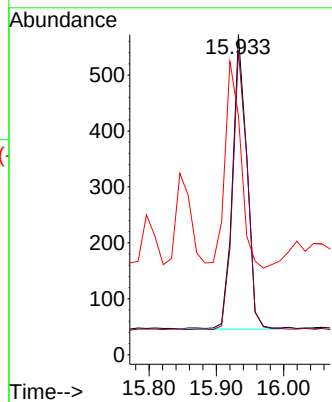
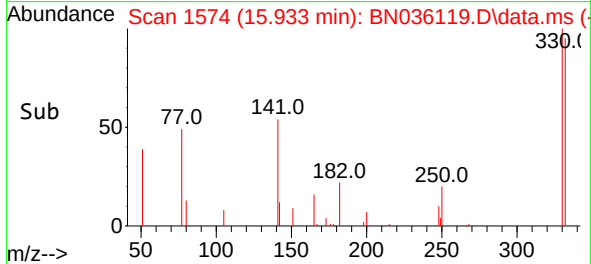


#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.933 min Scan# 1574
Delta R.T. 0.005 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-60-62

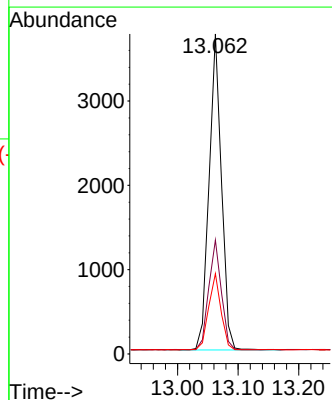
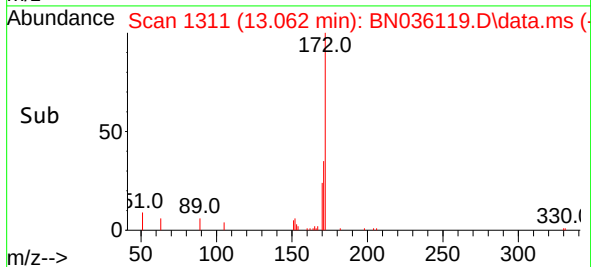
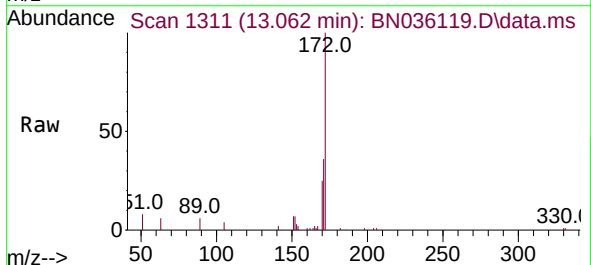


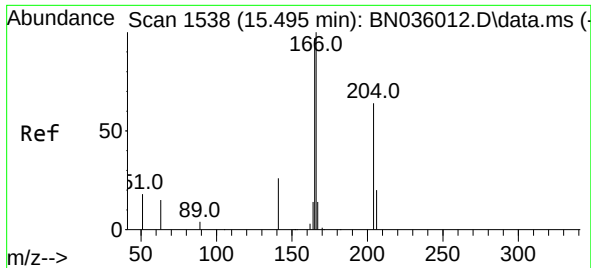
Tgt Ion:330 Resp: 781
Ion Ratio Lower Upper
330 100
332 94.6 81.0 121.4
141 76.6 36.7 55.1#



#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.062 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

Tgt Ion:172 Resp: 5154
Ion Ratio Lower Upper
172 100
171 35.6 30.9 46.3
170 25.1 21.2 31.8

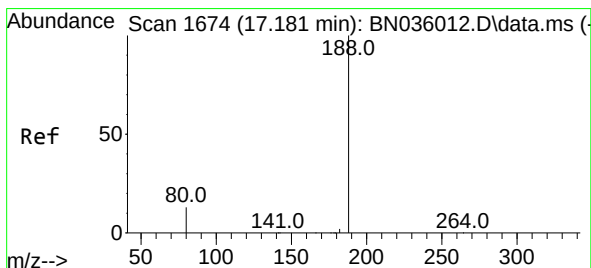
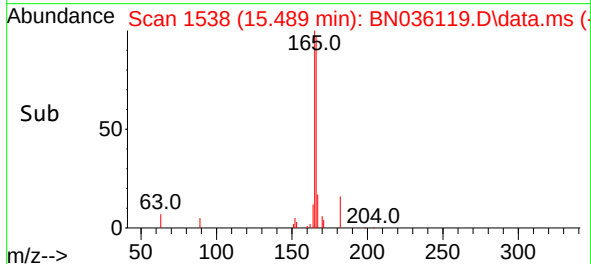
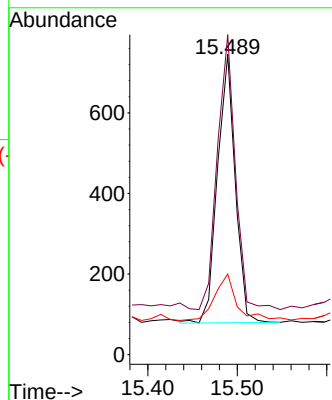
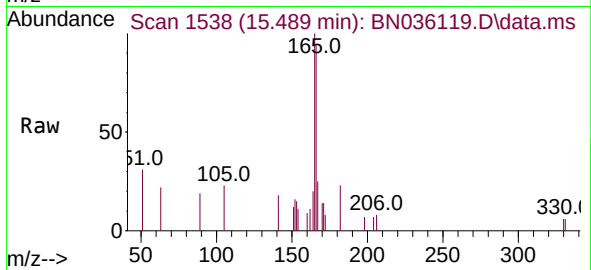




#18
Fluorene
Concen: 0.068 ng
RT: 15.489 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

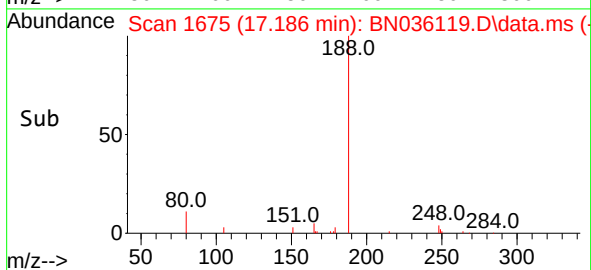
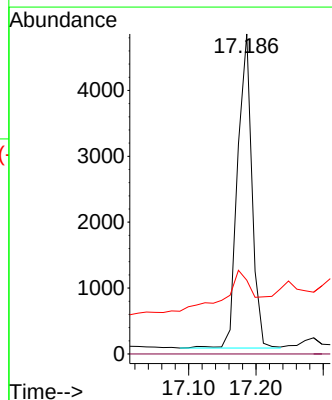
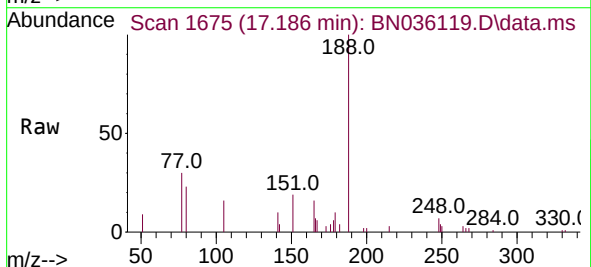
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-60-62

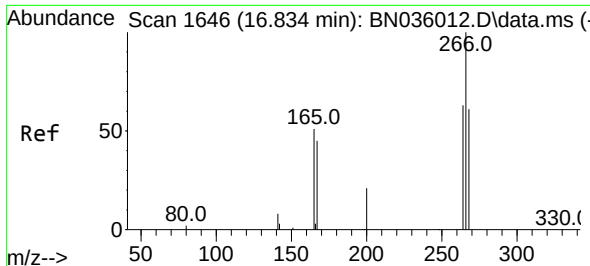
Tgt Ion:166 Resp: 962
Ion Ratio Lower Upper
166 100
165 103.4 78.5 117.7
167 21.8 10.7 16.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1675
Delta R.T. 0.005 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

Tgt Ion:188 Resp: 7077
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 23.1 12.3 18.5#

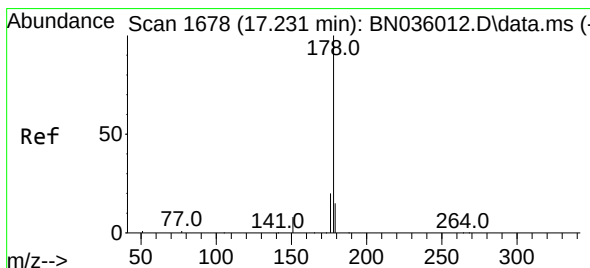
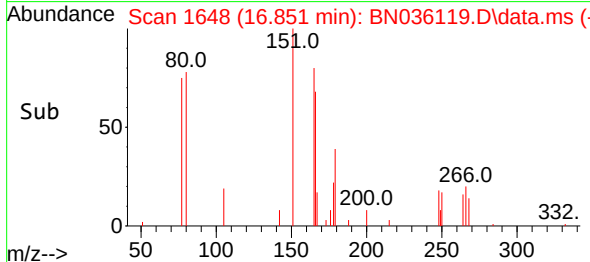
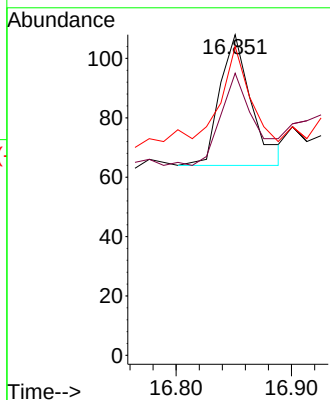
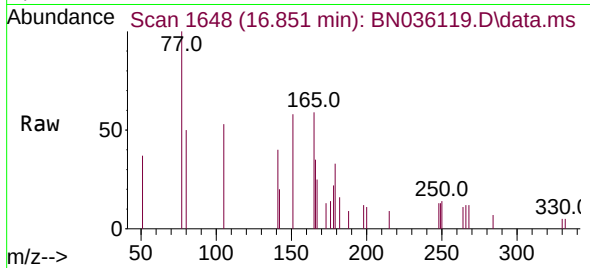




#24
 Pentachlorophenol
 Concen: 0.029 ng
 RT: 16.851 min Scan# 1648
 Delta R.T. 0.017 min
 Lab File: BN036119.D
 Acq: 29 Jan 2025 22:19

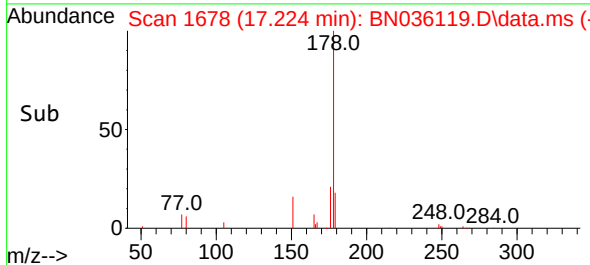
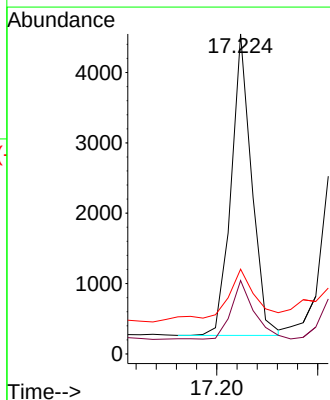
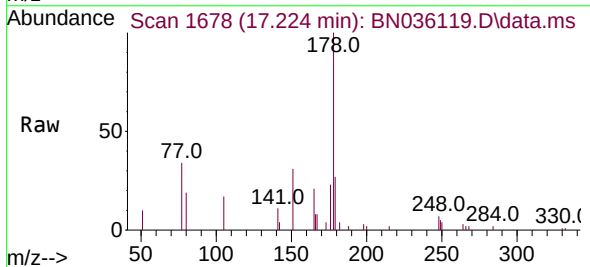
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-60-62

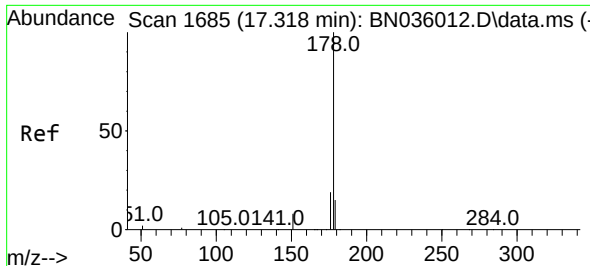
Tgt Ion:266 Resp: 83
 Ion Ratio Lower Upper
 266 100
 264 78.3 48.2 72.2#
 268 85.5 51.6 77.4#



#25
 Phenanthrene
 Concen: 0.284 ng
 RT: 17.224 min Scan# 1678
 Delta R.T. -0.007 min
 Lab File: BN036119.D
 Acq: 29 Jan 2025 22:19

Tgt Ion:178 Resp: 6047
 Ion Ratio Lower Upper
 178 100
 176 21.8 16.0 24.0
 179 31.0 12.4 18.6#

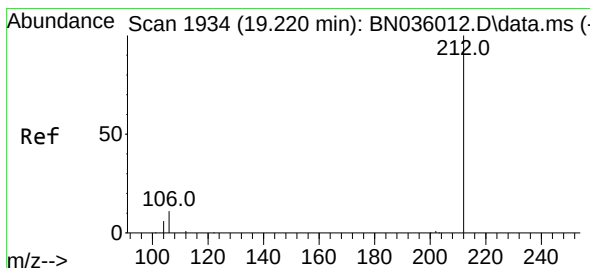
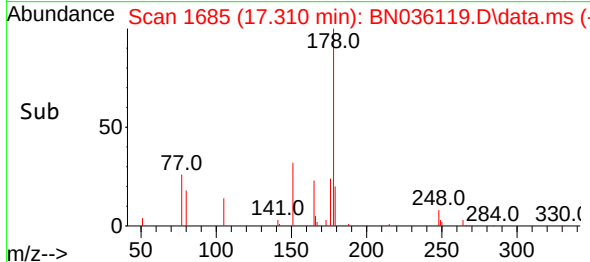
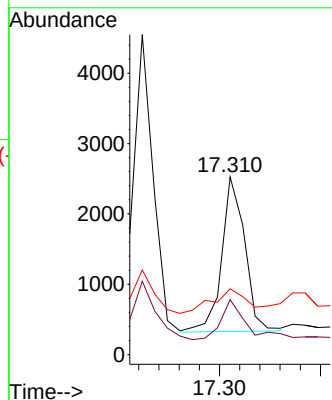
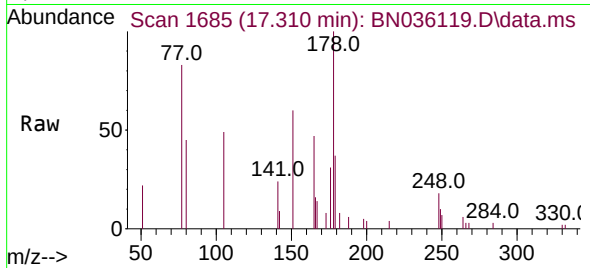




#26
 Anthracene
 Concen: 0.181 ng
 RT: 17.310 min Scan# 1685
 Delta R.T. -0.007 min
 Lab File: BN036119.D
 Acq: 29 Jan 2025 22:19

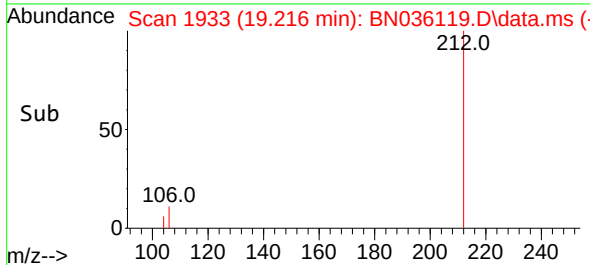
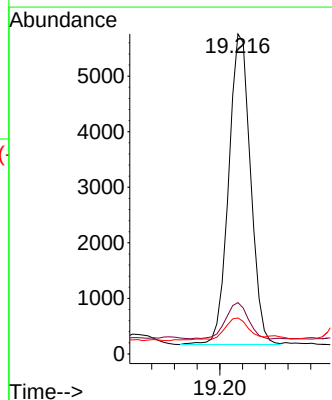
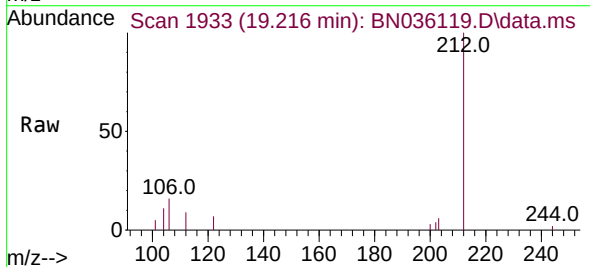
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-60-62

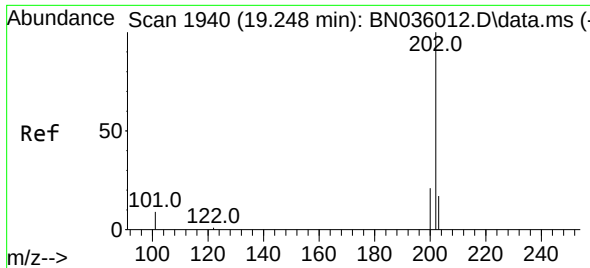
Tgt Ion:178 Resp: 3493
 Ion Ratio Lower Upper
 178 100
 176 31.2 15.4 23.2#
 179 22.8 12.0 18.0#



#27
 Fluoranthene-d10
 Concen: 0.407 ng
 RT: 19.216 min Scan# 1933
 Delta R.T. -0.004 min
 Lab File: BN036119.D
 Acq: 29 Jan 2025 22:19

Tgt Ion:212 Resp: 7470
 Ion Ratio Lower Upper
 212 100
 106 12.0 9.7 14.5
 104 8.6 6.0 9.0

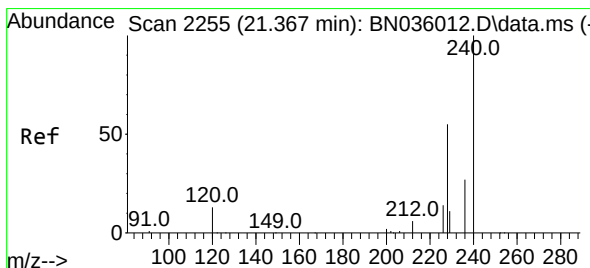
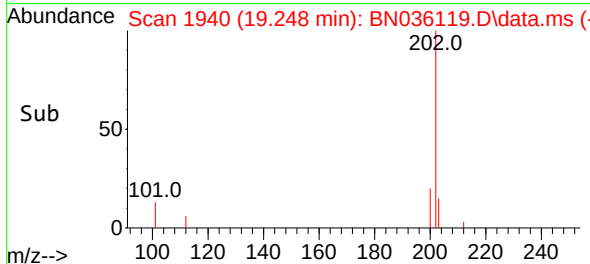
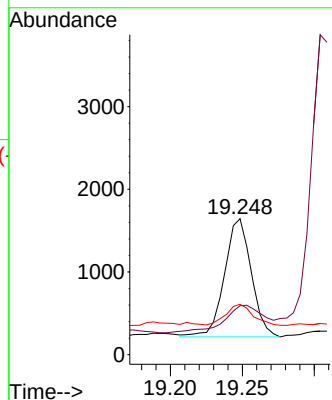
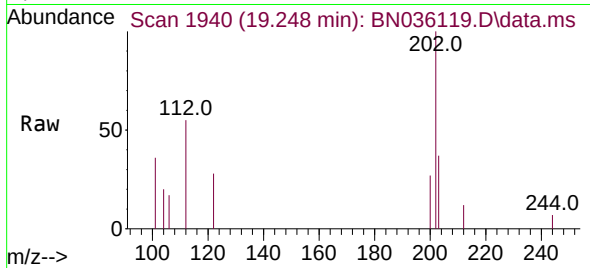




#28
Fluoranthene
Concen: 0.074 ng
RT: 19.248 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

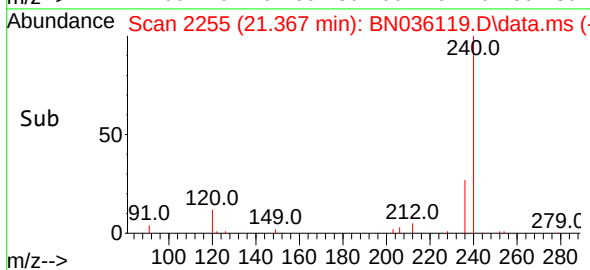
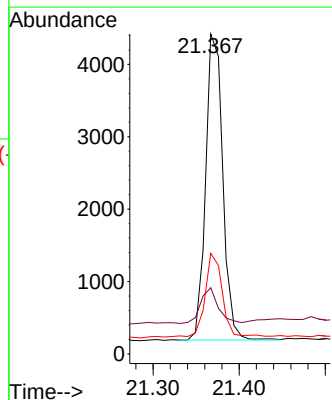
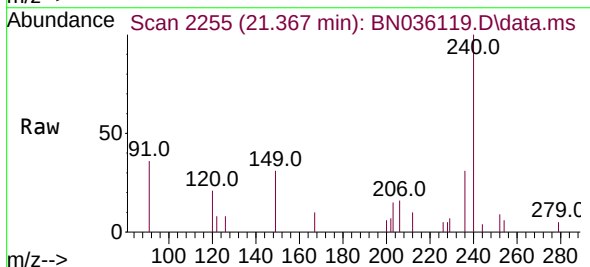
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-60-62

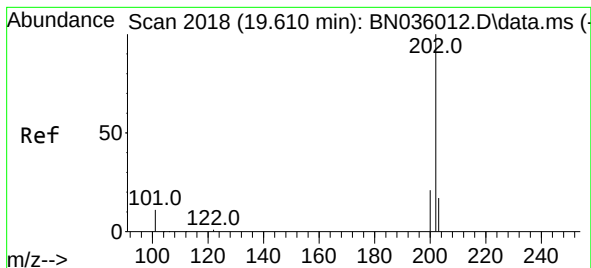
Tgt Ion:202 Resp: 1853
Ion Ratio Lower Upper
202 100
101 34.6 7.6 11.4#
203 17.5 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.367 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

Tgt Ion:240 Resp: 5874
Ion Ratio Lower Upper
240 100
120 20.7 13.9 20.9
236 31.4 23.7 35.5





#30

Pyrene

Concen: 0.057 ng

RT: 19.611 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BN036119.D

Acq: 29 Jan 2025 22:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-60-62

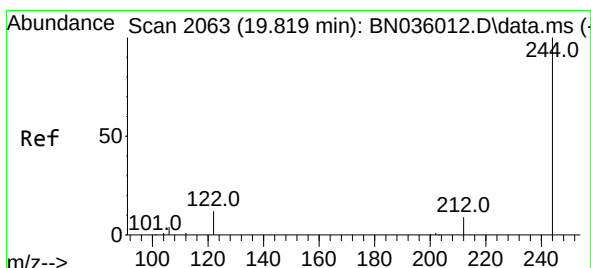
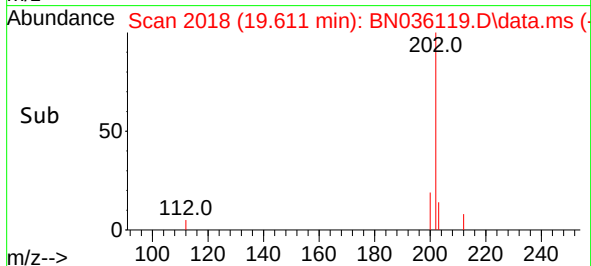
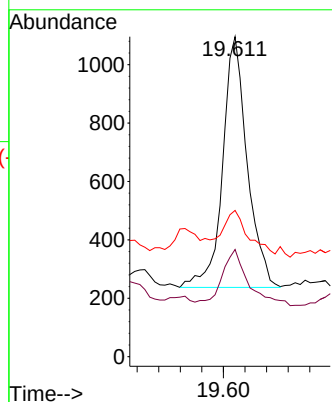
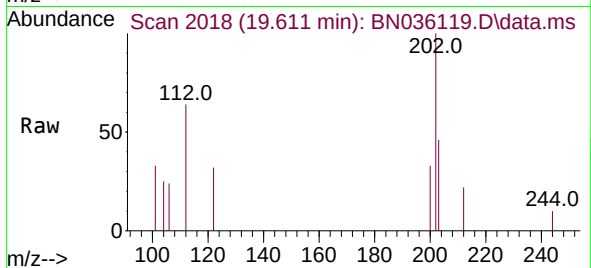
Tgt Ion:202 Resp: 1362

Ion Ratio Lower Upper

202 100

200 23.5 17.0 25.4

203 17.5 14.4 21.6



#31

Terphenyl-d14

Concen: 0.517 ng

RT: 19.815 min Scan# 2062

Delta R.T. -0.004 min

Lab File: BN036119.D

Acq: 29 Jan 2025 22:19

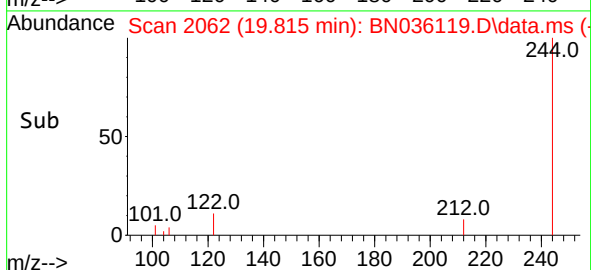
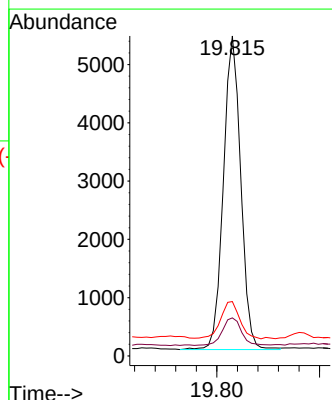
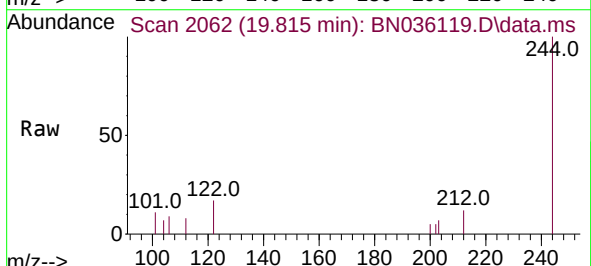
Tgt Ion:244 Resp: 6314

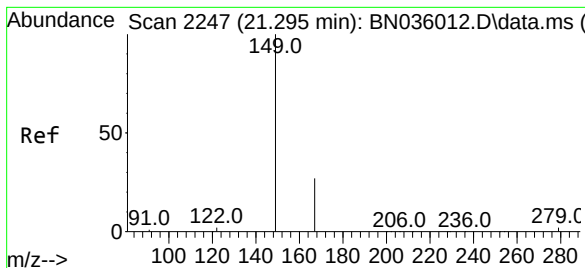
Ion Ratio Lower Upper

244 100

212 11.9 9.1 13.7

122 17.0 11.3 16.9#

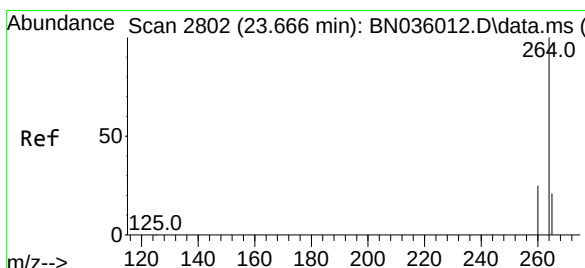
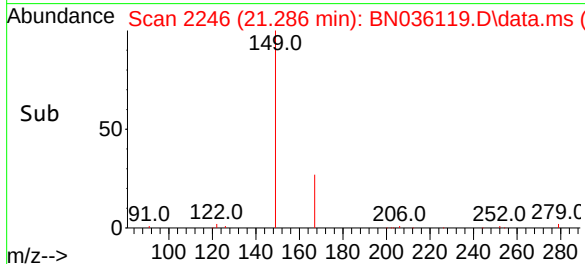
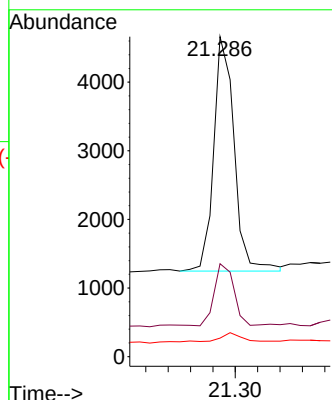
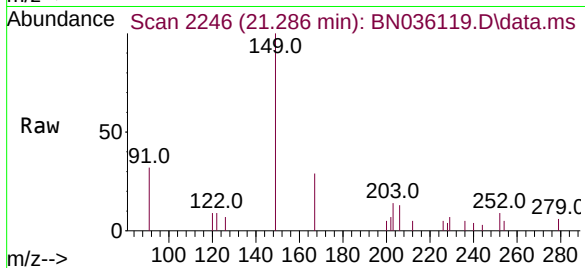




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.371 ng
 RT: 21.286 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036119.D
 Acq: 29 Jan 2025 22:19

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-60-62

Tgt Ion:	149	Resp:	4334
Ion Ratio	Lower	Upper	
149	100		
167	24.8	21.9	32.9
279	4.1	3.0	4.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.672 min Scan# 2804
 Delta R.T. 0.006 min
 Lab File: BN036119.D
 Acq: 29 Jan 2025 22:19

Tgt Ion:	264	Resp:	5930
Ion Ratio	Lower	Upper	
264	100		
260	26.3	21.8	32.6
265	110.3	56.6	84.8#

