

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
 Data File : BN036120.D
 Acq On : 29 Jan 2025 22:55
 Operator : RC/JU
 Sample : Q1173-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-100-102

Quant Time: Jan 30 00:37:15 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)

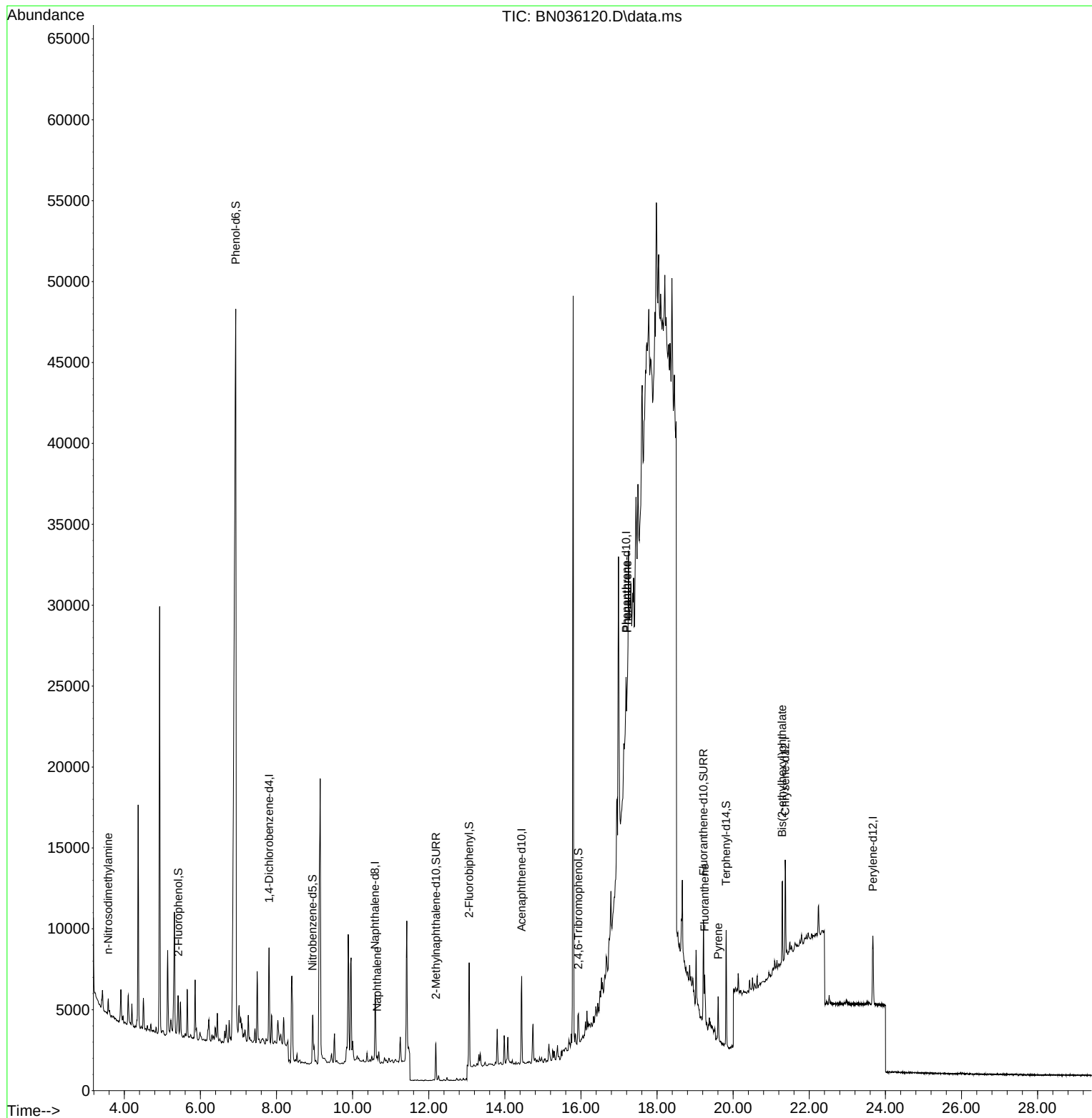
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	2447	0.400	ng	-0.01
7) Naphthalene-d8	10.590	136	5665	0.400	ng	#-0.02
13) Acenaphthene-d10	14.442	164	3082	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	6244	0.400	ng	# 0.00
29) Chrysene-d12	21.367	240	5342	0.400	ng	# 0.00
35) Perylene-d12	23.672	264	5628	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.419	112	1639	0.258	ng	0.03
5) Phenol-d6	6.929	99	2622	0.351	ng	-0.04
8) Nitrobenzene-d5	8.945	82	2225	0.416	ng	-0.01
11) 2-Methylnaphthalene-d10	12.187	152	3056	0.397	ng	-0.01
14) 2,4,6-Tribromophenol	15.933	330	713	0.361	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	4980	0.362	ng	0.00
27) Fluoranthene-d10	19.220	212	6970	0.431	ng	0.00
31) Terphenyl-d14	19.815	244	6502	0.586	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.578	42	321	0.065	ng	# 25
9) Naphthalene	10.643	128	477	0.029	ng	# 68
25) Phenanthrene	17.223	178	2313	0.123	ng	# 1
28) Fluoranthene	19.248	202	1310	0.059	ng	# 31
30) Pyrene	19.611	202	923	0.043	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.286	149	5011	0.472	ng	100

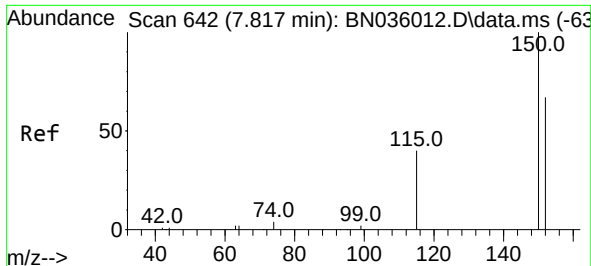
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
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BP-VPB-192-GW-100-102

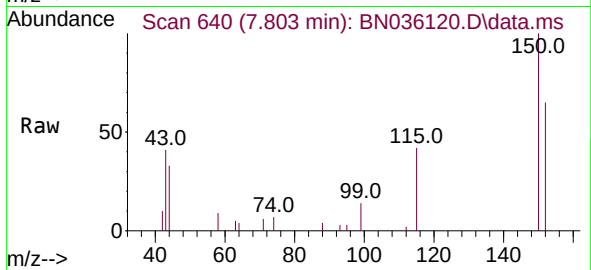
Quant Time: Jan 30 00:37:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
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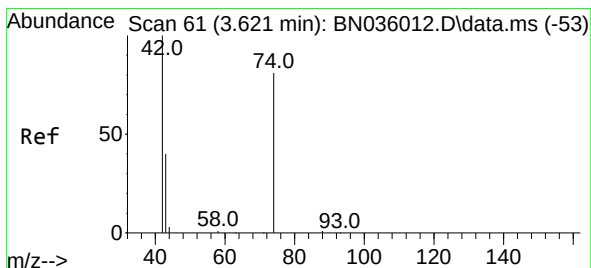
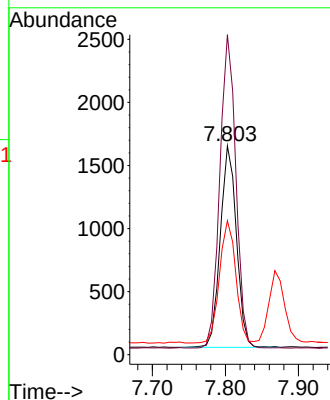
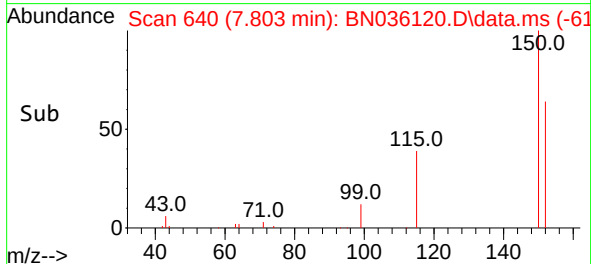


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.803 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-100-102

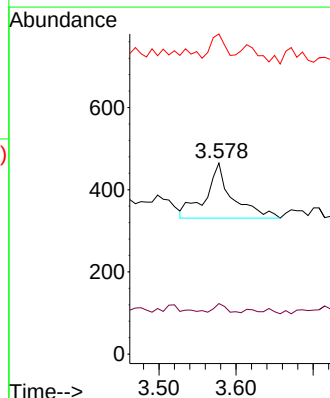
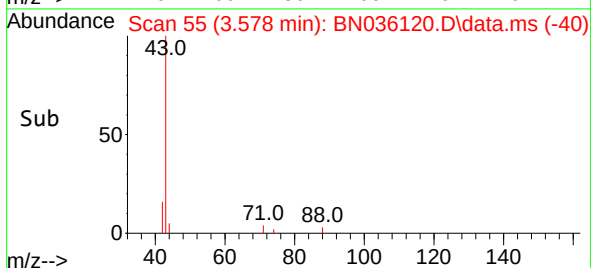
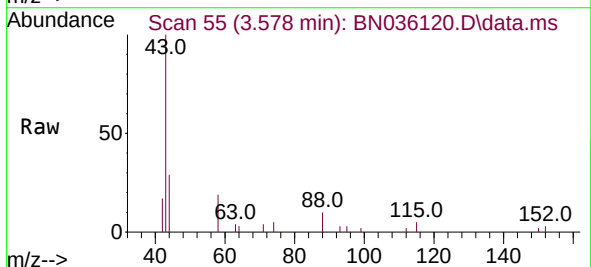


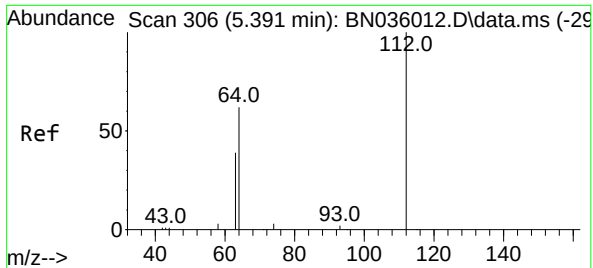
Tgt Ion:152 Resp: 2447
Ion Ratio Lower Upper
152 100
150 153.2 117.4 176.2
115 64.1 51.0 76.4



#3
n-Nitrosodimethylamine
Concen: 0.065 ng
RT: 3.578 min Scan# 55
Delta R.T. -0.043 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

Tgt Ion: 42 Resp: 321
Ion Ratio Lower Upper
42 100
74 6.5 58.1 87.1#
44 22.4 6.2 9.4#

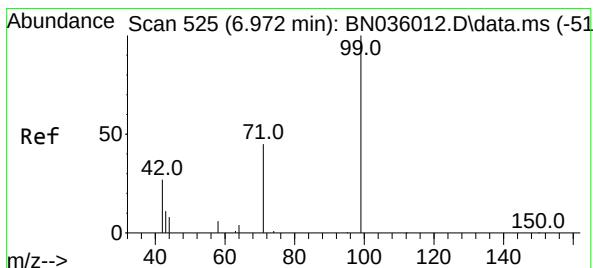
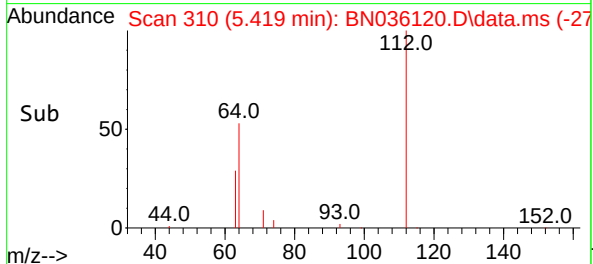
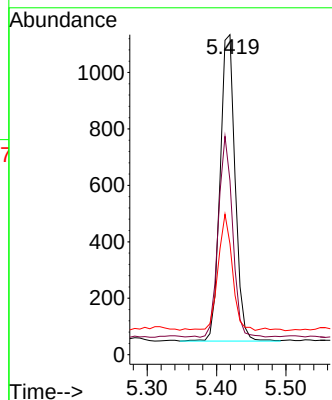
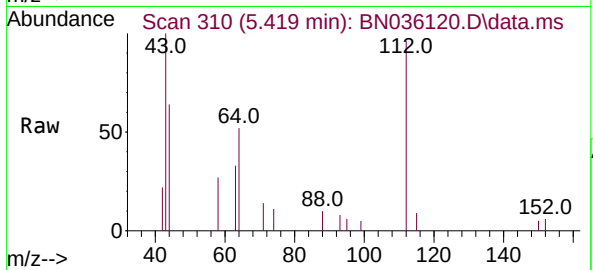




#4
2-Fluorophenol
Concen: 0.258 ng
RT: 5.419 min Scan# 310
Delta R.T. 0.029 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

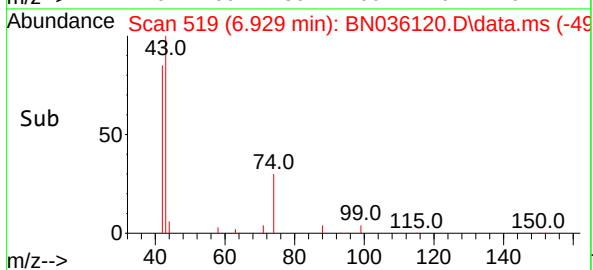
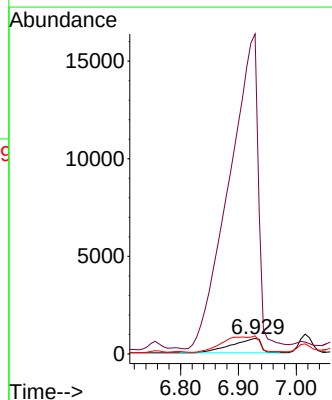
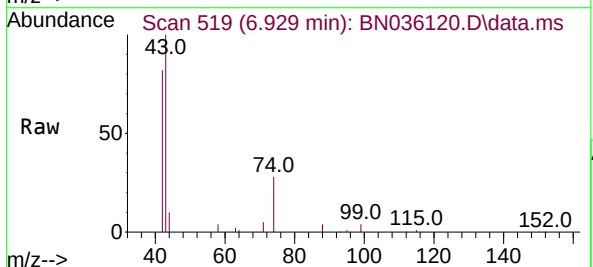
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-100-102

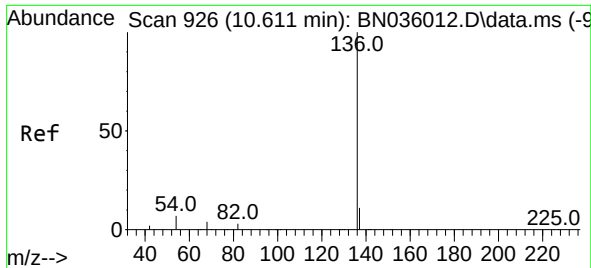
Tgt Ion:112 Resp: 1639
Ion Ratio Lower Upper
112 100
64 61.5 50.0 75.0
63 36.0 30.7 46.1



#5
Phenol-d6
Concen: 0.351 ng
RT: 6.929 min Scan# 519
Delta R.T. -0.043 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

Tgt Ion: 99 Resp: 2622
Ion Ratio Lower Upper
99 100
42 2151.1 26.8 40.2#
71 139.2 36.6 55.0#

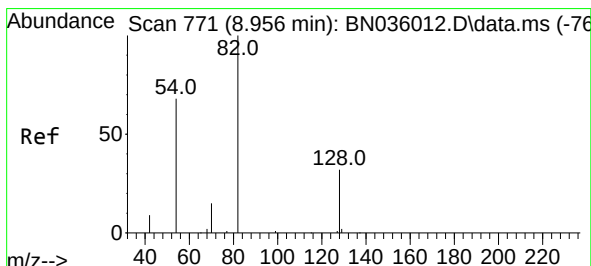
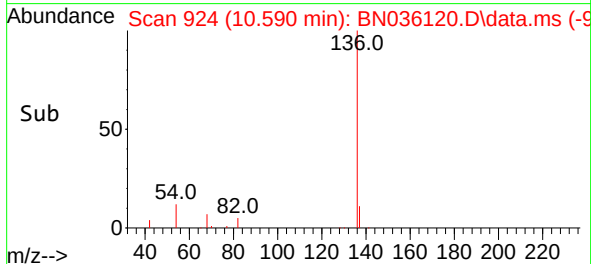
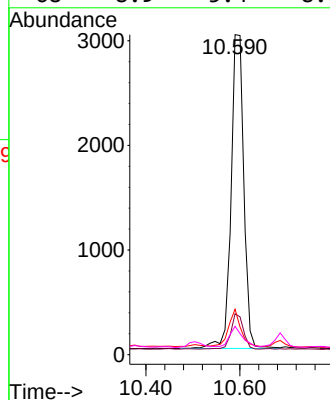
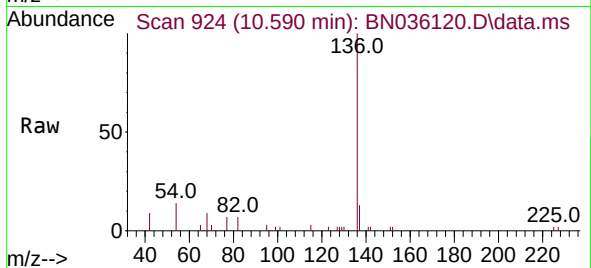




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.590 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

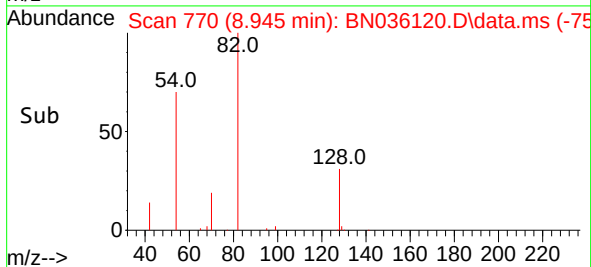
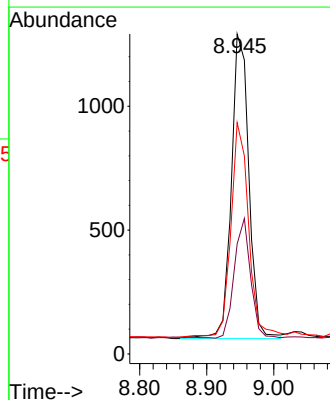
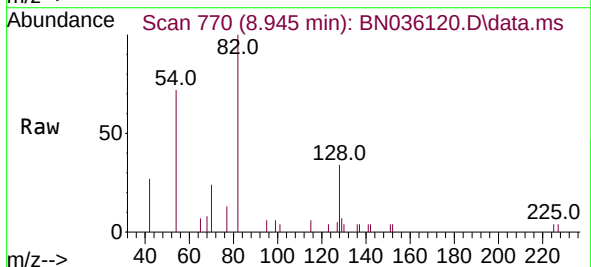
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-100-102

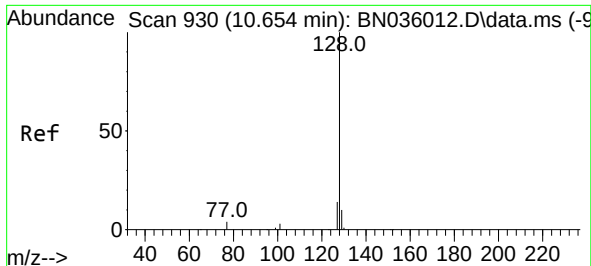
Tgt Ion:	136	Resp:	5665
Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.4	15.6
54	14.2	7.7	11.5#
68	8.9	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.416 ng
RT: 8.945 min Scan# 770
Delta R.T. -0.011 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

Tgt Ion:	82	Resp:	2225
Ion	Ratio	Lower	Upper
82	100		
128	34.4	28.8	43.2
54	72.3	55.8	83.8

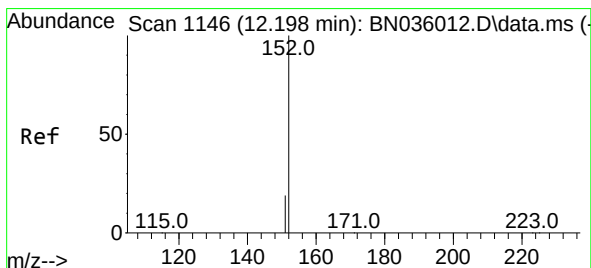
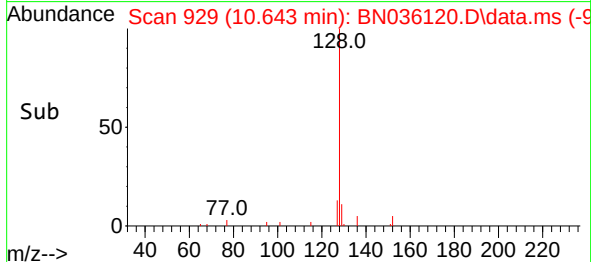
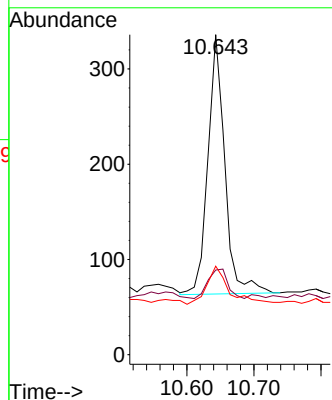
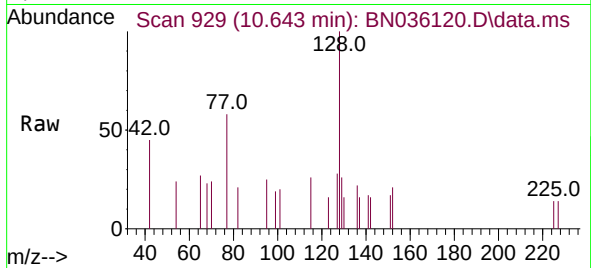




#9
Naphthalene
Concen: 0.029 ng
RT: 10.643 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

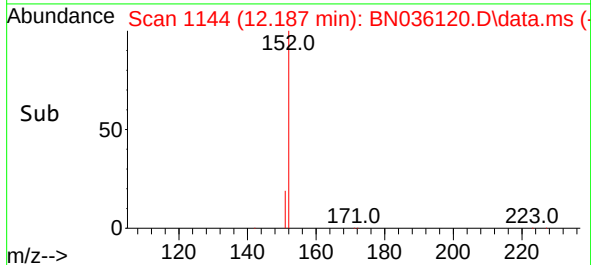
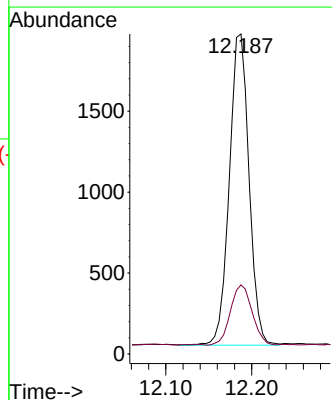
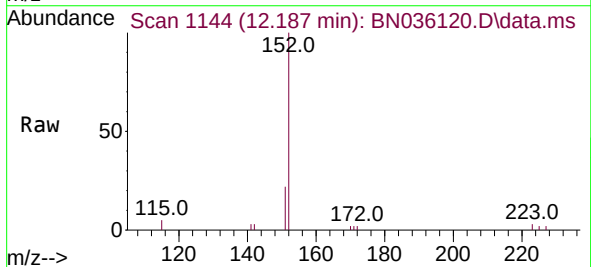
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-100-102

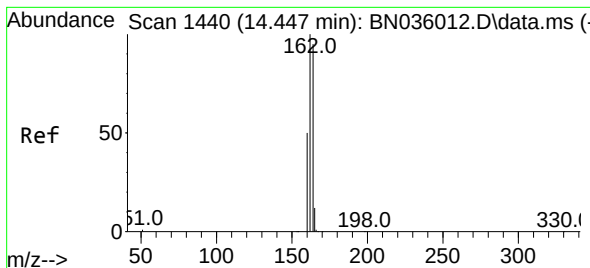
Tgt Ion:128 Resp: 477
Ion Ratio Lower Upper
128 100
129 26.5 9.4 14.2#
127 27.7 12.6 19.0#



#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.187 min Scan# 1144
Delta R.T. -0.010 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

Tgt Ion:152 Resp: 3056
Ion Ratio Lower Upper
152 100
151 21.3 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.442 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BN036120.D

Acq: 29 Jan 2025 22:55

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-100-102

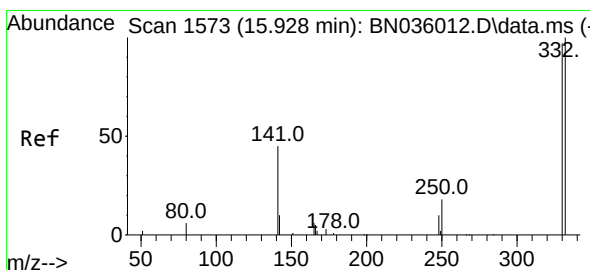
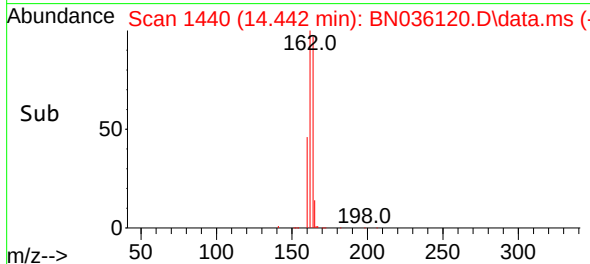
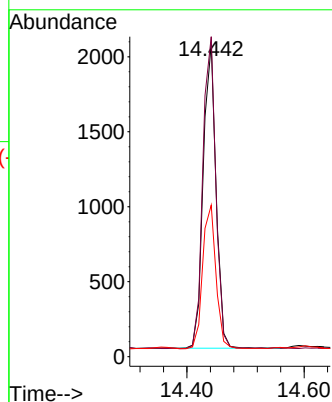
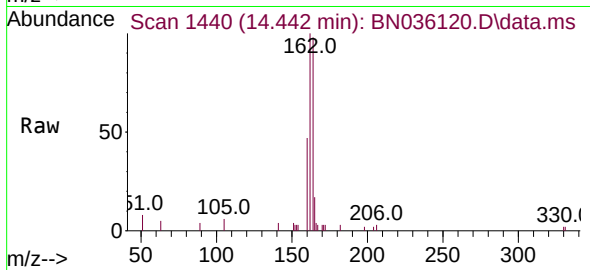
Tgt Ion:164 Resp: 3082

Ion Ratio Lower Upper

164 100

162 102.4 84.1 126.1

160 48.5 43.8 65.8



#14

2,4,6-Tribromophenol

Concen: 0.361 ng

RT: 15.933 min Scan# 1574

Delta R.T. 0.005 min

Lab File: BN036120.D

Acq: 29 Jan 2025 22:55

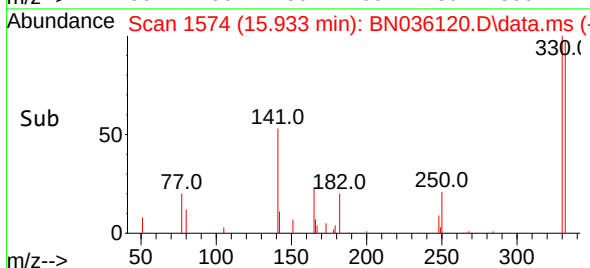
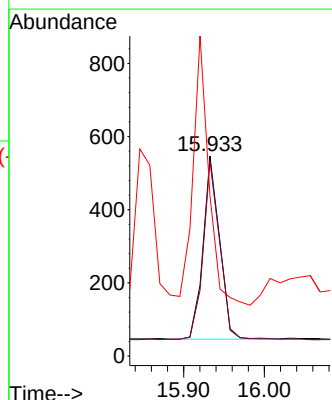
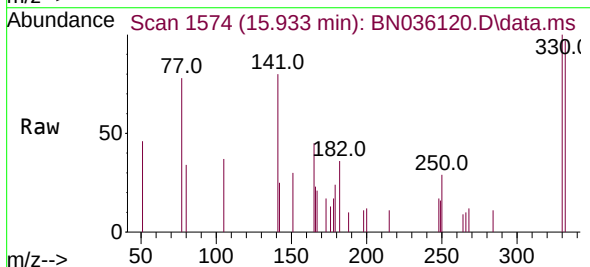
Tgt Ion:330 Resp: 713

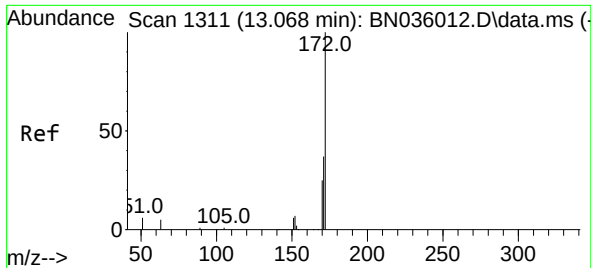
Ion Ratio Lower Upper

330 100

332 97.9 81.0 121.4

141 137.7 36.7 55.1#

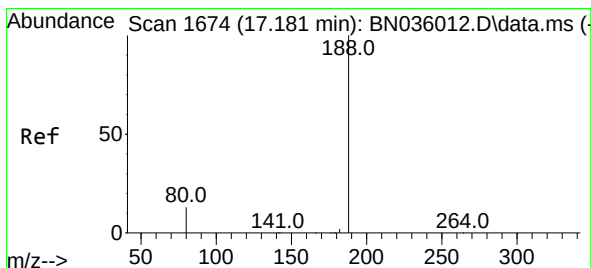
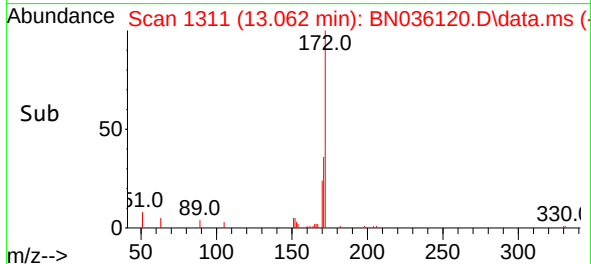
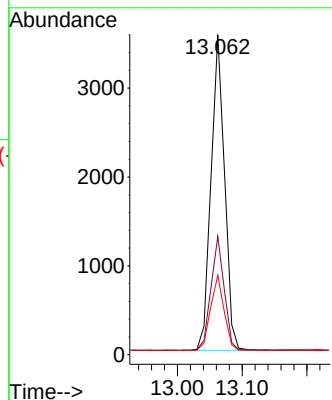
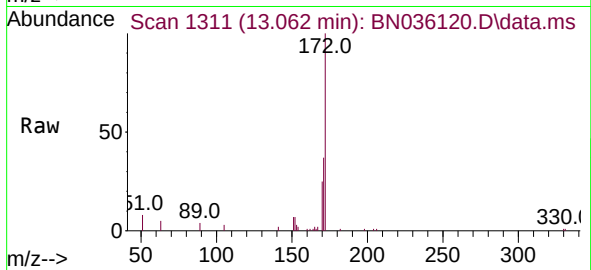




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.062 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

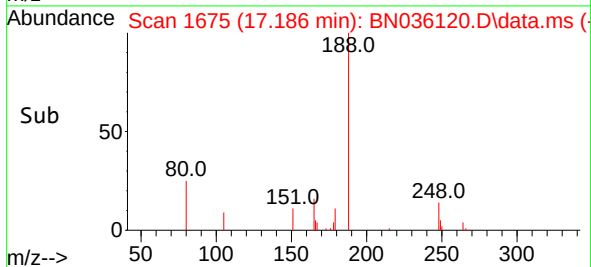
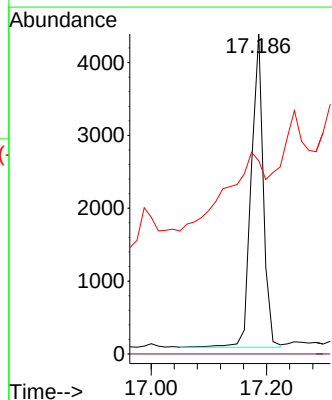
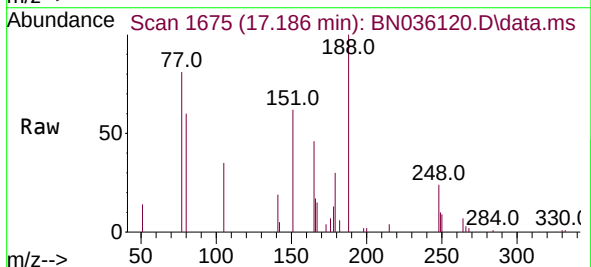
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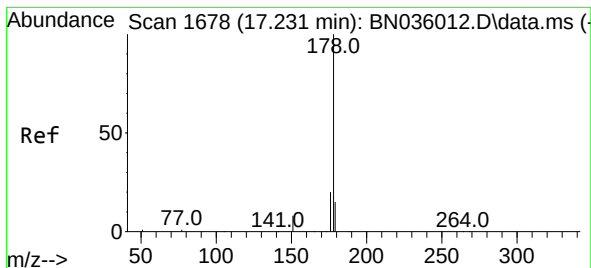
Tgt Ion:	172	Resp:	4980
Ion Ratio	Lower	Upper	
172	100		
171	37.0	30.9	46.3
170	24.8	21.2	31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1675
Delta R.T. 0.005 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

Tgt Ion:	188	Resp:	6244
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	60.3	12.3	18.5





#25

Phenanthrene

Concen: 0.123 ng

RT: 17.223 min Scan# 1678

Delta R.T. -0.007 min

Lab File: BN036120.D

Acq: 29 Jan 2025 22:55

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-100-102

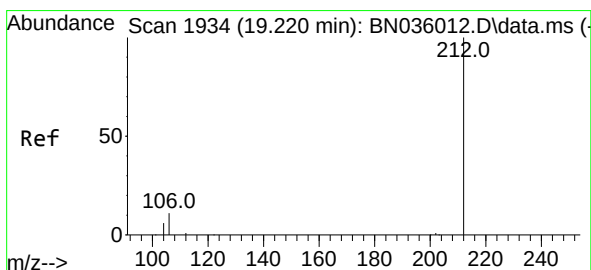
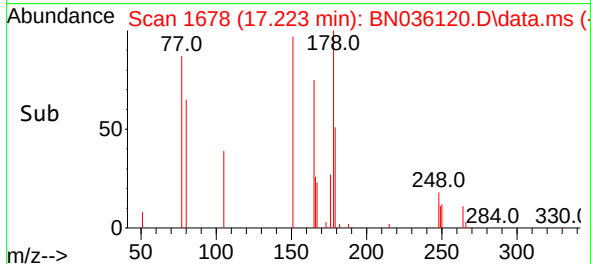
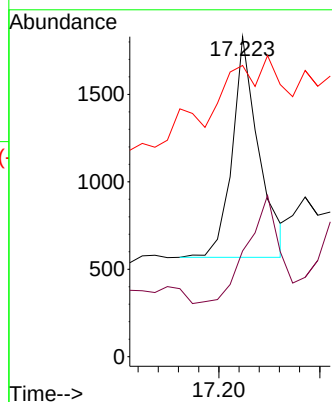
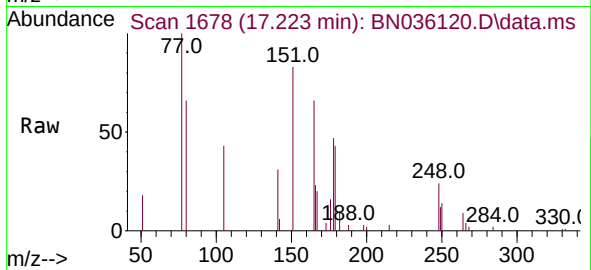
Tgt Ion:178 Resp: 2313

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 115.7 12.4 18.6#



#27

Fluoranthene-d10

Concen: 0.431 ng

RT: 19.220 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BN036120.D

Acq: 29 Jan 2025 22:55

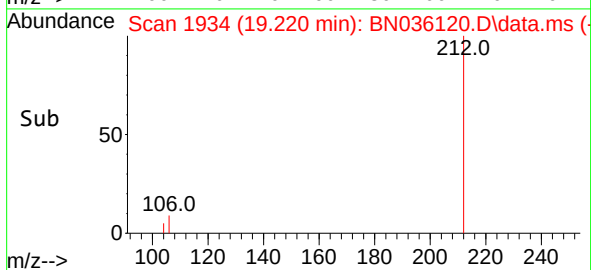
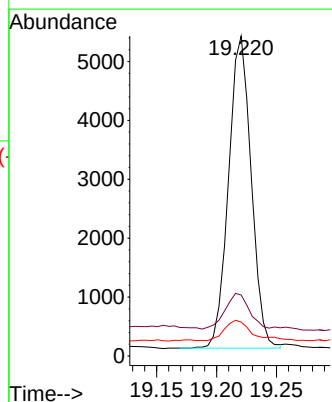
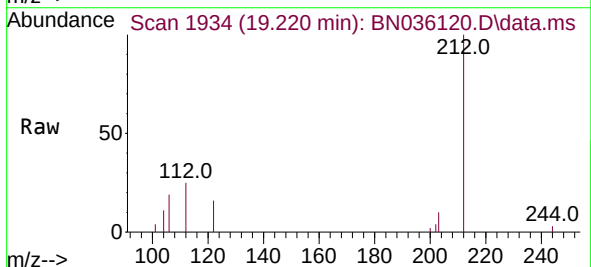
Tgt Ion:212 Resp: 6970

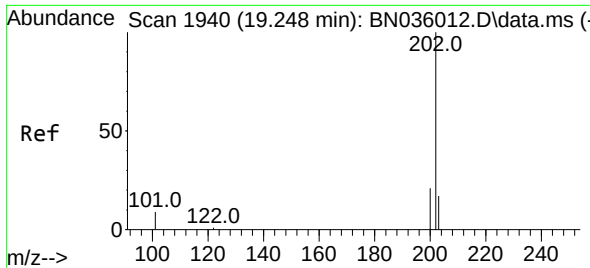
Ion Ratio Lower Upper

212 100

106 12.1 9.7 14.5

104 7.7 6.0 9.0

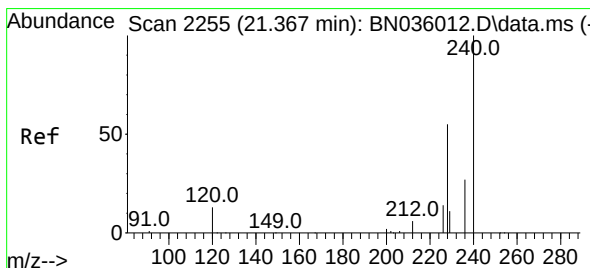
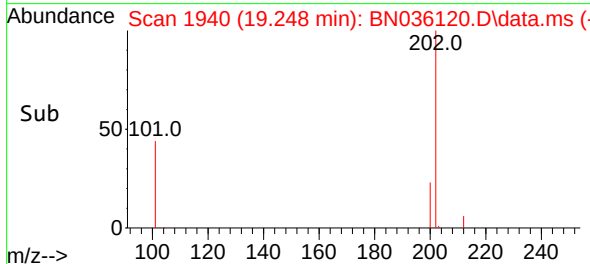
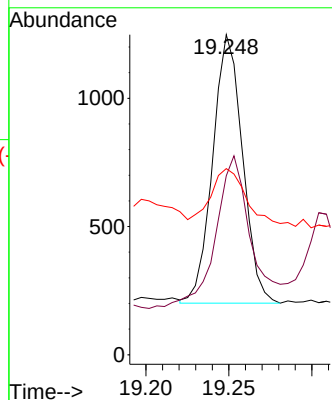
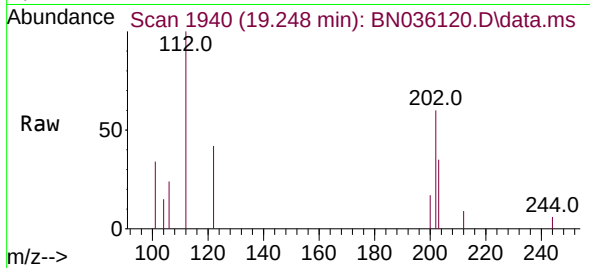




#28
Fluoranthene
Concen: 0.059 ng
RT: 19.248 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

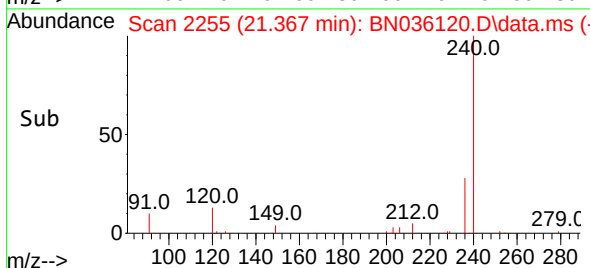
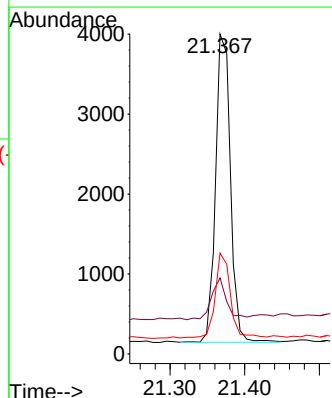
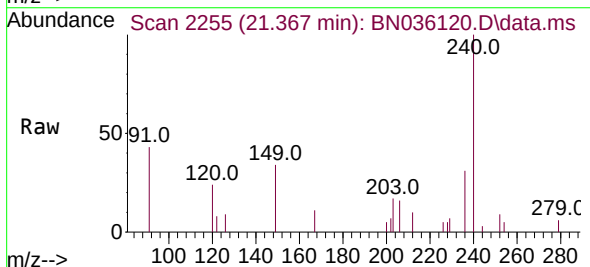
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-100-102

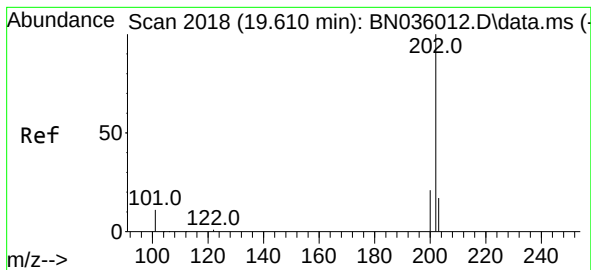
Tgt Ion:202 Resp: 1310
Ion Ratio Lower Upper
202 100
101 67.6 7.6 11.4#
203 26.0 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.367 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

Tgt Ion:240 Resp: 5342
Ion Ratio Lower Upper
240 100
120 23.8 13.9 20.9#
236 31.5 23.7 35.5





#30

Pyrene

Concen: 0.043 ng

RT: 19.611 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BN036120.D

Acq: 29 Jan 2025 22:55

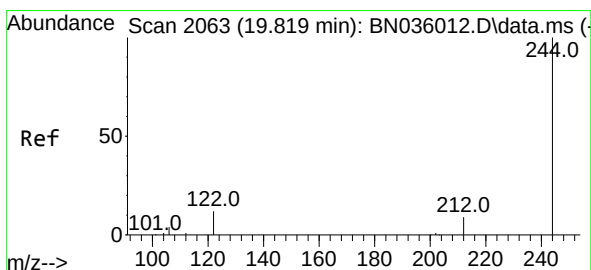
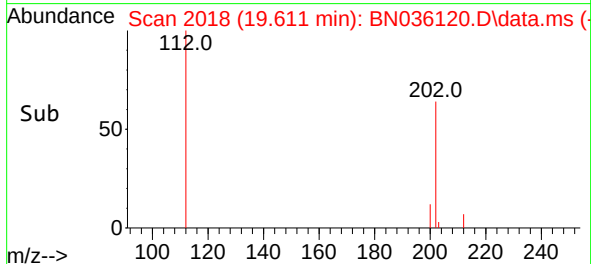
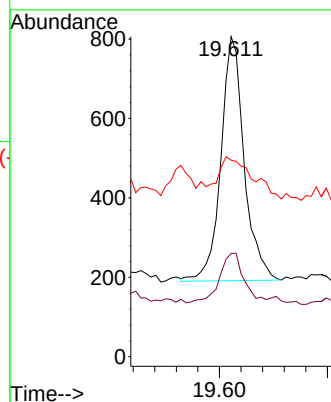
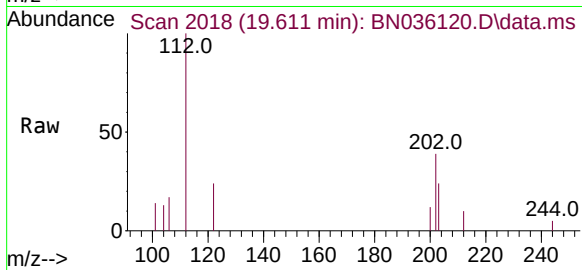
Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-100-102

Tgt Ion:	202	Resp:	923
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	25.2	14.4	21.6#



#31

Terphenyl-d14

Concen: 0.586 ng

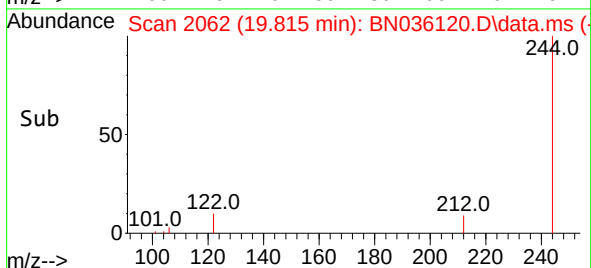
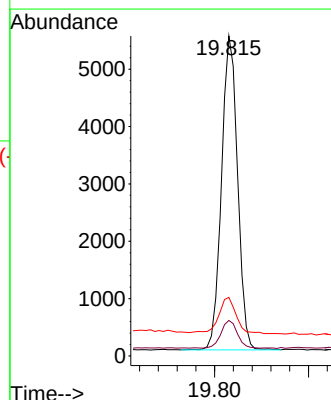
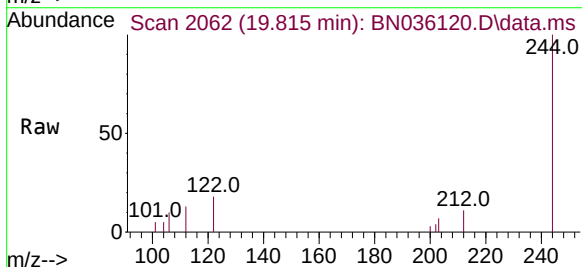
RT: 19.815 min Scan# 2062

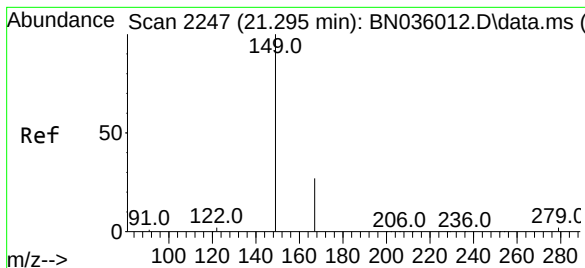
Delta R.T. -0.004 min

Lab File: BN036120.D

Acq: 29 Jan 2025 22:55

Tgt Ion:	244	Resp:	6502
Ion	Ratio	Lower	Upper
244	100		
212	11.1	9.1	13.7
122	18.3	11.3	16.9#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.472 ng

RT: 21.286 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN036120.D

Acq: 29 Jan 2025 22:55

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-100-102

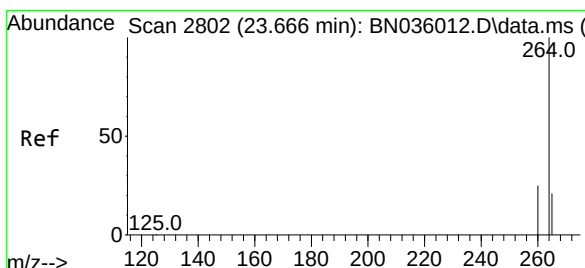
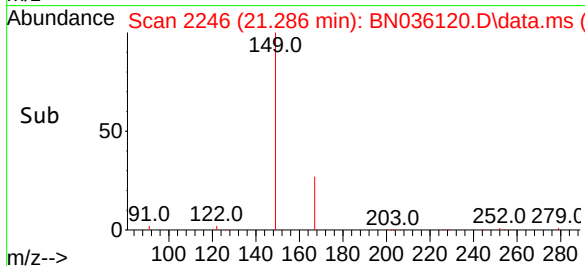
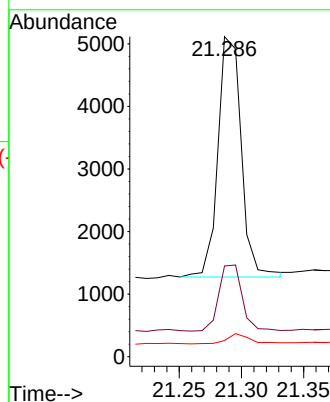
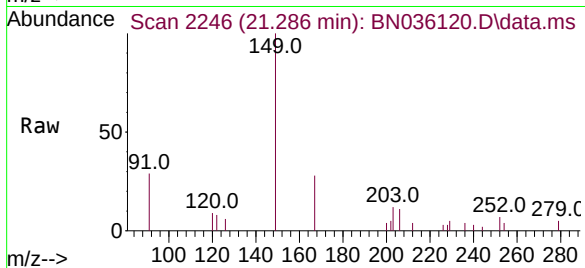
Tgt Ion:149 Resp: 5011

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

279 4.4 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: BN036120.D

Acq: 29 Jan 2025 22:55

Tgt Ion:264 Resp: 5628

Ion Ratio Lower Upper

264 100

260 26.5 21.8 32.6

265 114.9 56.6 84.8#

