

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
 Data File : BN036122.D
 Acq On : 30 Jan 2025 00:07
 Operator : RC/JU
 Sample : Q1173-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-200-202

Quant Time: Jan 30 01:51:39 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)

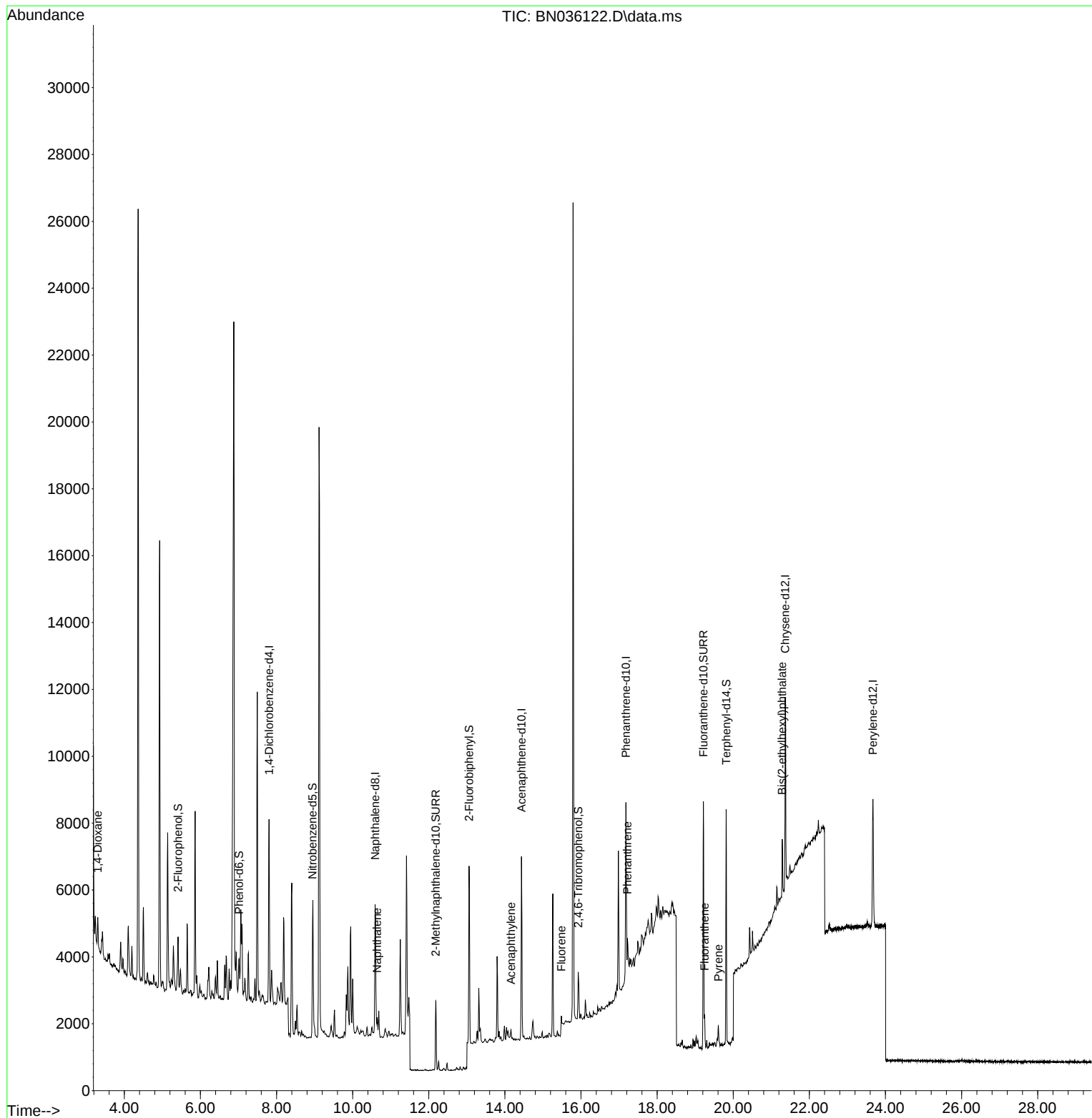
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	2210	0.400	ng	-0.01
7) Naphthalene-d8	10.590	136	5163	0.400	ng	#-0.02
13) Acenaphthene-d10	14.437	164	3019	0.400	ng	-0.01
19) Phenanthrene-d10	17.181	188	6554	0.400	ng	0.00
29) Chrysene-d12	21.367	240	5368	0.400	ng	0.00
35) Perylene-d12	23.671	264	4990	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.412	112	1023	0.178	ng	0.02
5) Phenol-d6	7.016	99	833	0.123	ng	0.04
8) Nitrobenzene-d5	8.946	82	2022	0.415	ng	-0.01
11) 2-Methylnaphthalene-d10	12.182	152	2818	0.401	ng	-0.02
14) 2,4,6-Tribromophenol	15.928	330	733	0.379	ng	0.00
15) 2-Fluorobiphenyl	13.057	172	4561	0.338	ng	-0.01
27) Fluoranthene-d10	19.216	212	8006	0.472	ng	0.00
31) Terphenyl-d14	19.815	244	6656	0.597	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.303	88	520	0.210	ng	# 76
9) Naphthalene	10.643	128	701	0.047	ng	# 79
16) Acenaphthylene	14.159	152	293	0.020	ng	# 92
18) Fluorene	15.484	166	337	0.027	ng	# 89
25) Phenanthrene	17.219	178	1262	0.064	ng	96
28) Fluoranthene	19.248	202	756	0.033	ng	# 85
30) Pyrene	19.610	202	608	0.028	ng	95
34) Bis(2-ethylhexyl)phtha...	21.286	149	1683	0.158	ng	# 95

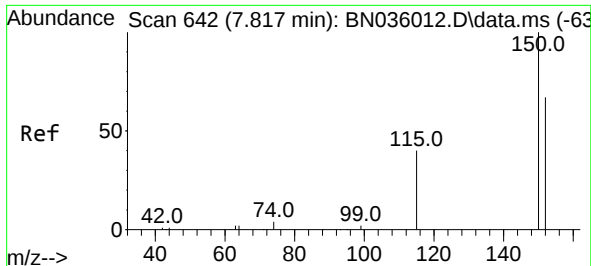
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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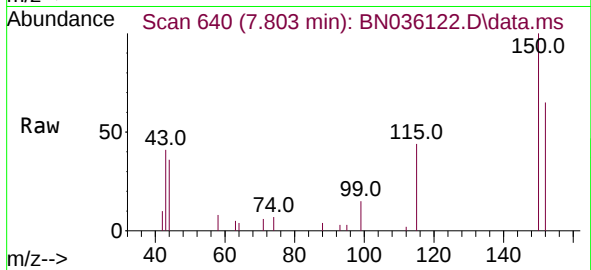
Quant Time: Jan 30 01:51:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
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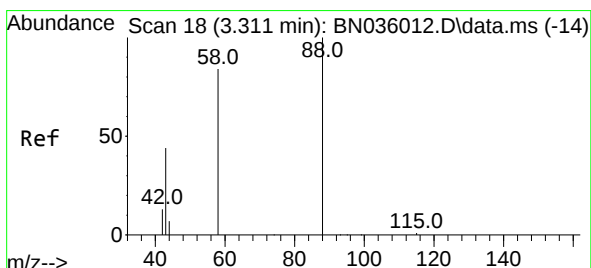
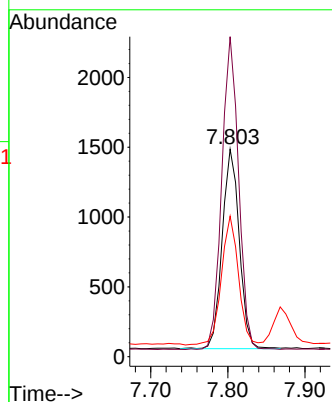
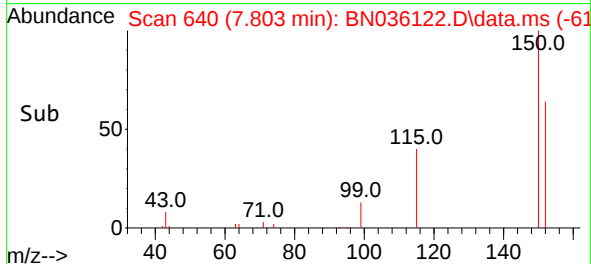


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.803 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN036122.D
 Acq: 30 Jan 2025 00:07

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-200-202

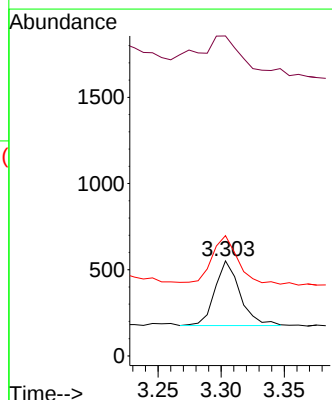
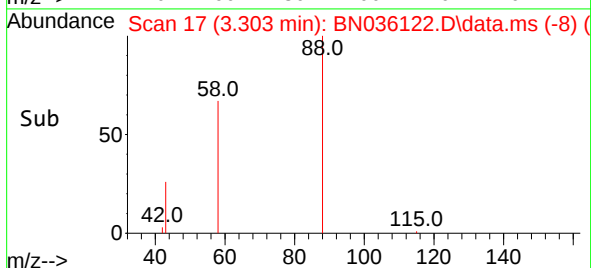
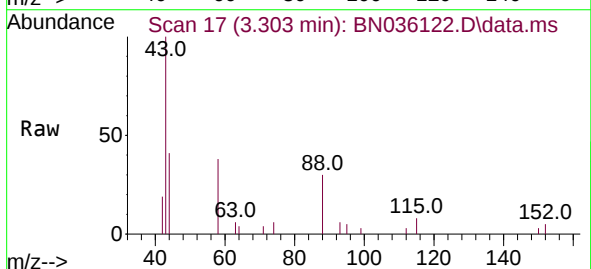


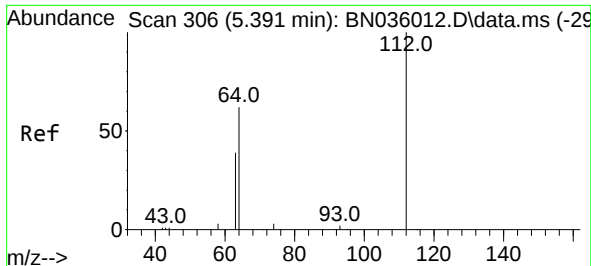
Tgt Ion:152 Resp: 2210
 Ion Ratio Lower Upper
 152 100
 150 154.2 117.4 176.2
 115 67.7 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.210 ng
 RT: 3.303 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN036122.D
 Acq: 30 Jan 2025 00:07

Tgt Ion: 88 Resp: 520
 Ion Ratio Lower Upper
 88 100
 43 85.2 38.5 57.7#
 58 77.9 66.6 99.8

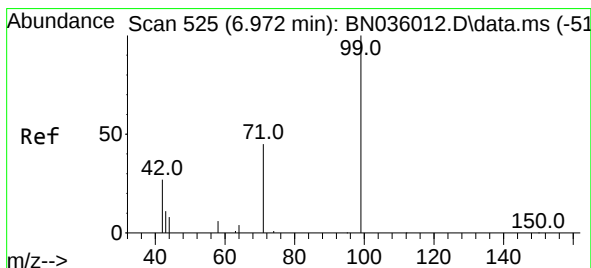
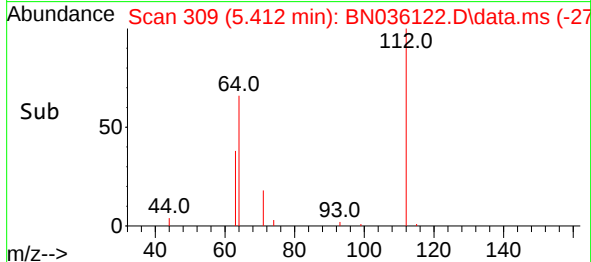
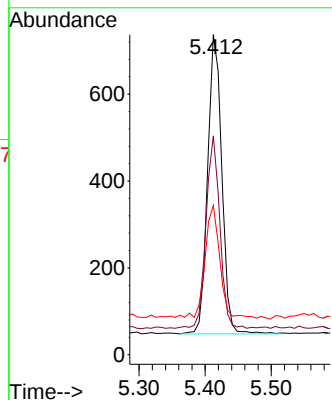
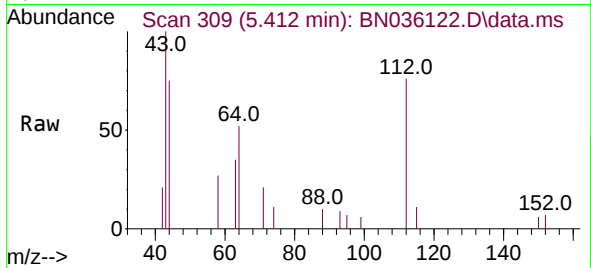




#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.412 min Scan# 306
Delta R.T. 0.022 min
Lab File: BN036122.D
Acq: 30 Jan 2025 00:07

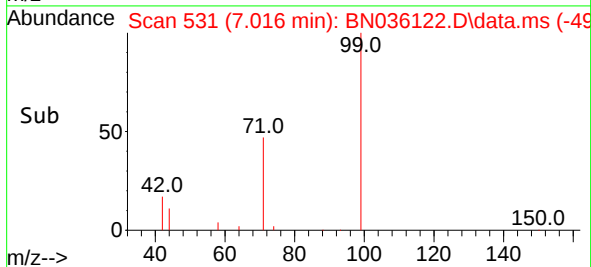
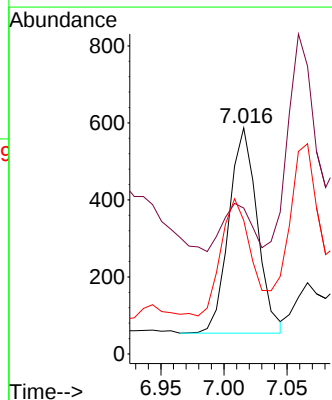
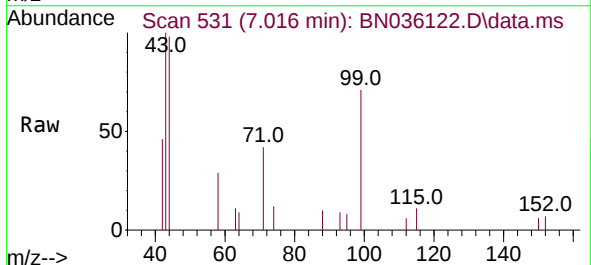
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-200-202

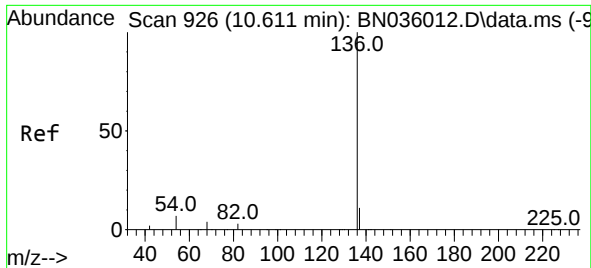
Tgt Ion:112 Resp: 1023
Ion Ratio Lower Upper
112 100
64 62.8 50.0 75.0
63 41.2 30.7 46.1



#5
Phenol-d6
Concen: 0.123 ng
RT: 7.016 min Scan# 531
Delta R.T. 0.043 min
Lab File: BN036122.D
Acq: 30 Jan 2025 00:07

Tgt Ion: 99 Resp: 833
Ion Ratio Lower Upper
99 100
42 0.0 26.8 40.2#
71 67.5 36.6 55.0#

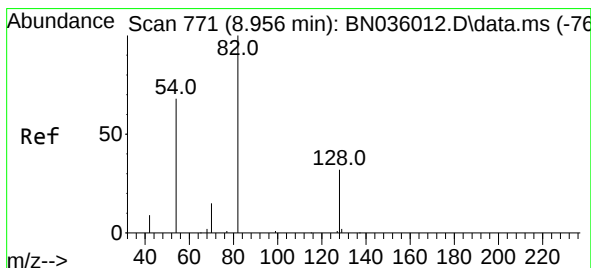
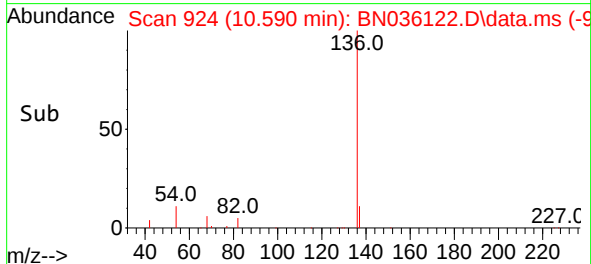
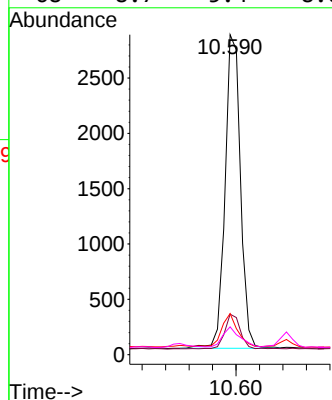
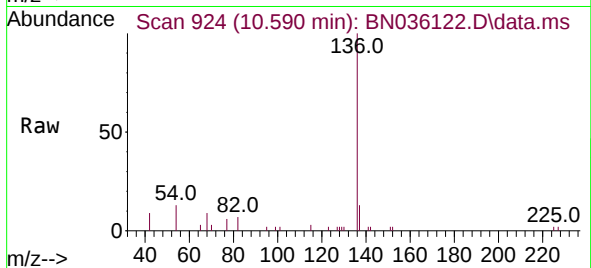




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.590 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036122.D
Acq: 30 Jan 2025 00:07

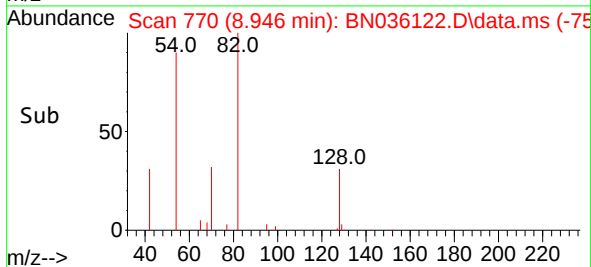
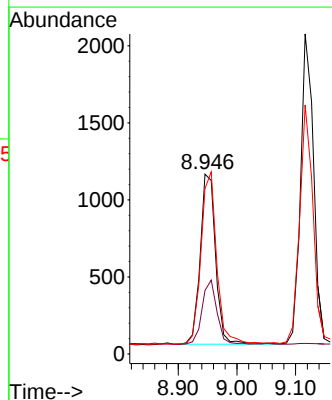
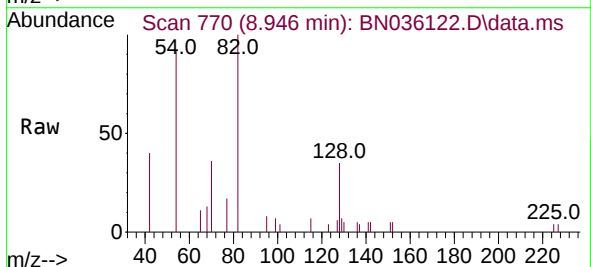
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-200-202

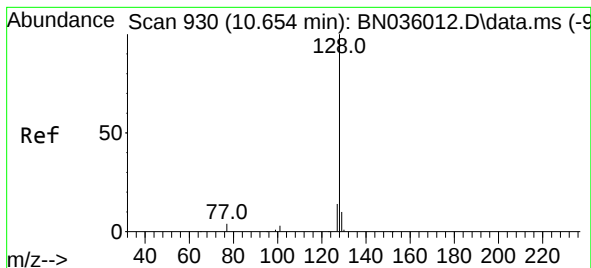
Tgt Ion:	136	Resp:	5163
Ion Ratio	Lower	Upper	
136	100		
137	12.6	10.4	15.6
54	12.8	7.7	11.5#
68	8.7	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.415 ng
RT: 8.946 min Scan# 770
Delta R.T. -0.011 min
Lab File: BN036122.D
Acq: 30 Jan 2025 00:07

Tgt Ion:	82	Resp:	2022
Ion Ratio	Lower	Upper	
82	100		
128	35.4	28.8	43.2
54	92.0	55.8	83.8#





#9

Naphthalene

Concen: 0.047 ng

RT: 10.643 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN036122.D

Acq: 30 Jan 2025 00:07

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-200-202

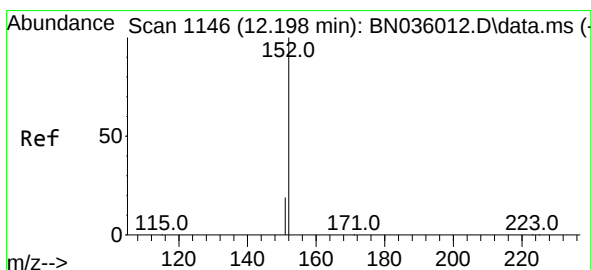
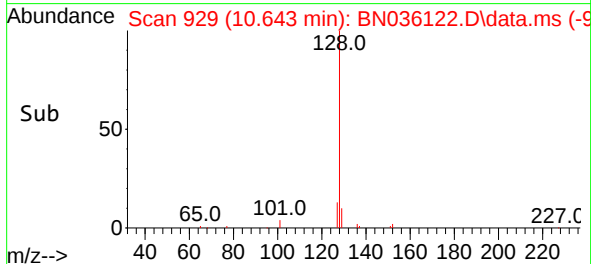
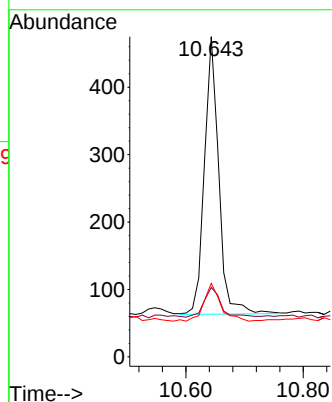
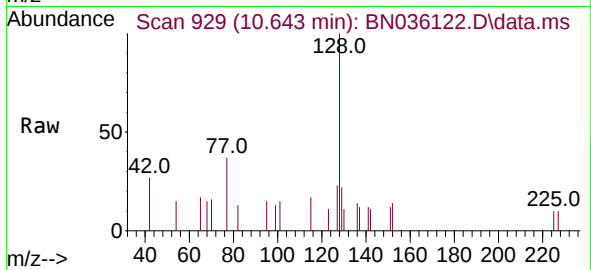
Tgt Ion:128 Resp: 701

Ion Ratio Lower Upper

128 100

129 21.7 9.4 14.2#

127 22.9 12.6 19.0#



#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 12.182 min Scan# 1143

Delta R.T. -0.015 min

Lab File: BN036122.D

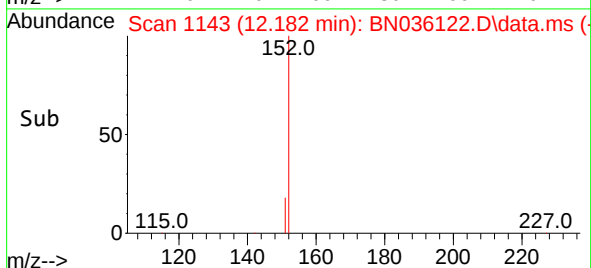
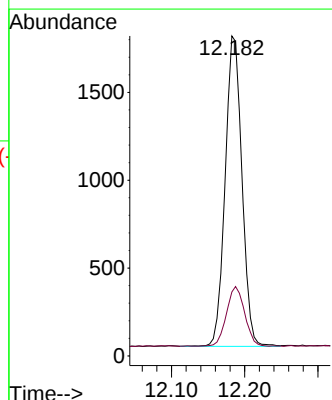
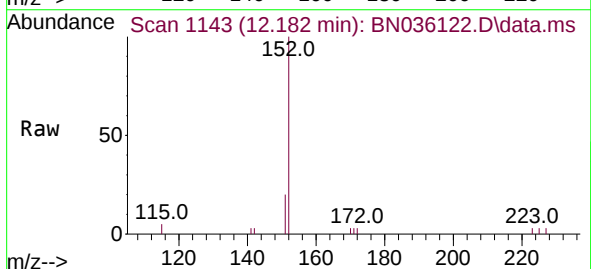
Acq: 30 Jan 2025 00:07

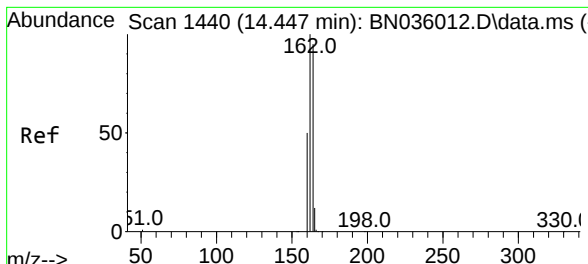
Tgt Ion:152 Resp: 2818

Ion Ratio Lower Upper

152 100

151 20.7 16.6 25.0

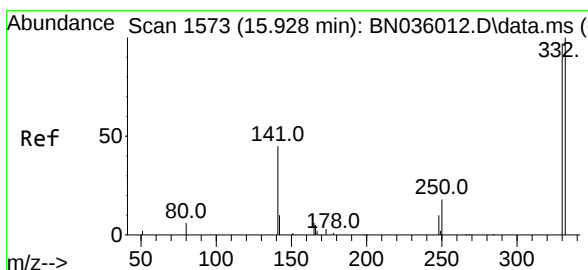
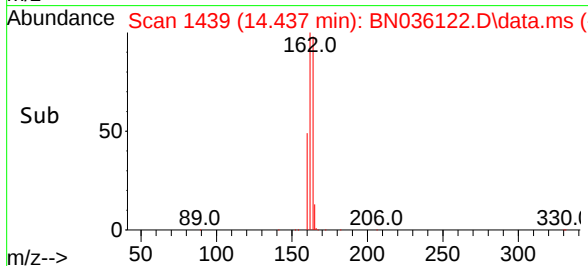
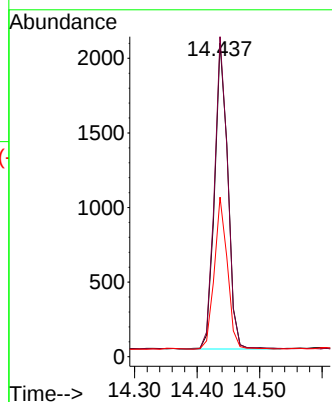
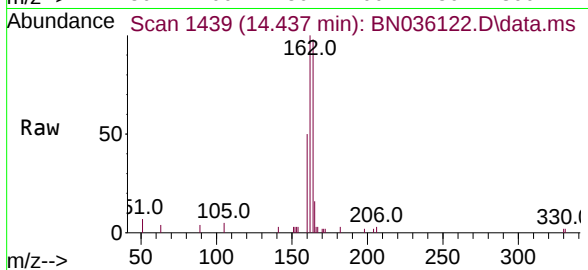




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.437 min Scan# 1440
 Delta R.T. -0.011 min
 Lab File: BN036122.D
 Acq: 30 Jan 2025 00:07

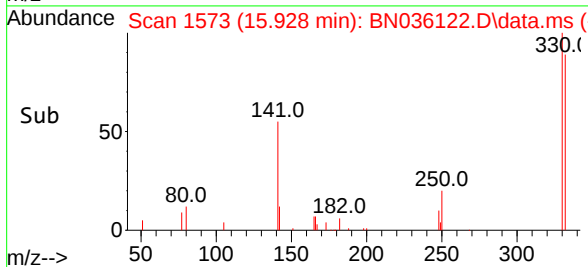
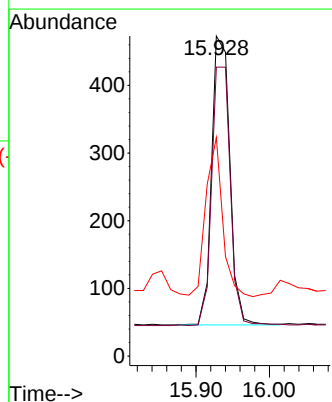
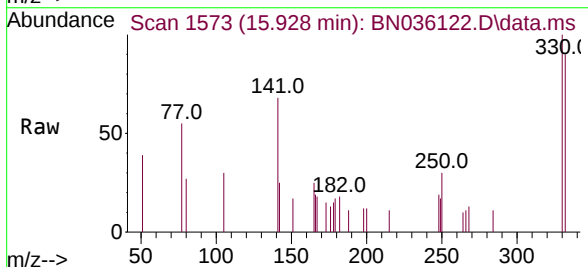
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-200-202

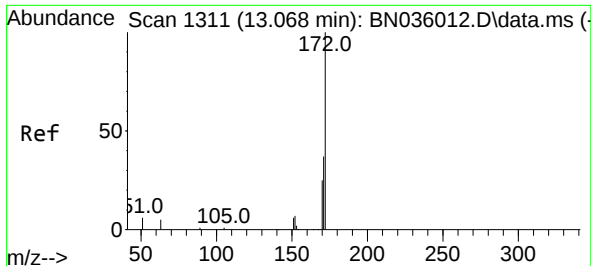
Tgt Ion:164 Resp: 3019
 Ion Ratio Lower Upper
 164 100
 162 102.0 84.1 126.1
 160 50.9 43.8 65.8



#14
 2,4,6-Tribromophenol
 Concen: 0.379 ng
 RT: 15.928 min Scan# 1573
 Delta R.T. 0.000 min
 Lab File: BN036122.D
 Acq: 30 Jan 2025 00:07

Tgt Ion:330 Resp: 733
 Ion Ratio Lower Upper
 330 100
 332 92.5 81.0 121.4
 141 50.3 36.7 55.1

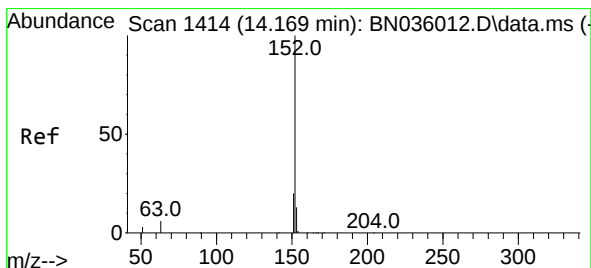
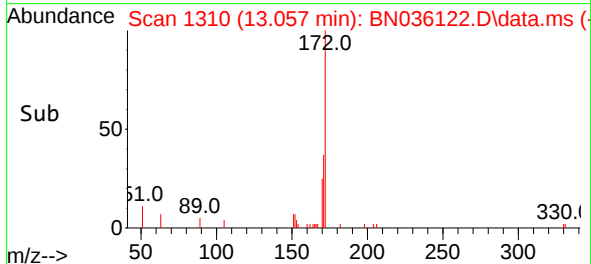
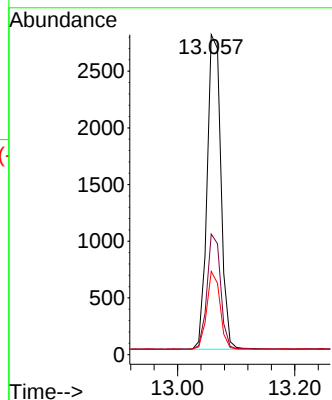
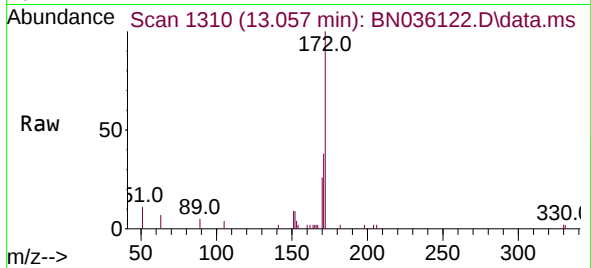




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.057 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN036122.D
Acq: 30 Jan 2025 00:07

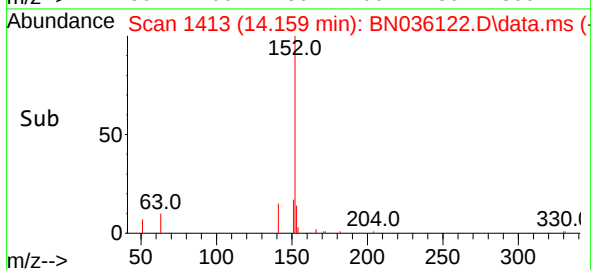
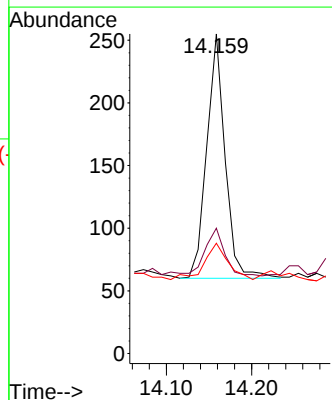
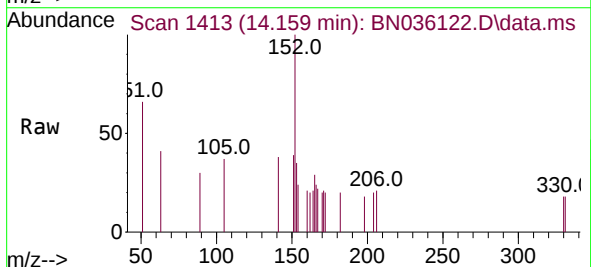
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BNA_N
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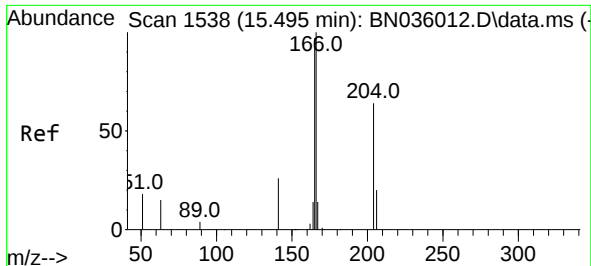
Tgt Ion:172 Resp: 4561
Ion Ratio Lower Upper
172 100
171 37.7 30.9 46.3
170 26.0 21.2 31.8



#16
Acenaphthylene
Concen: 0.020 ng
RT: 14.159 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BN036122.D
Acq: 30 Jan 2025 00:07

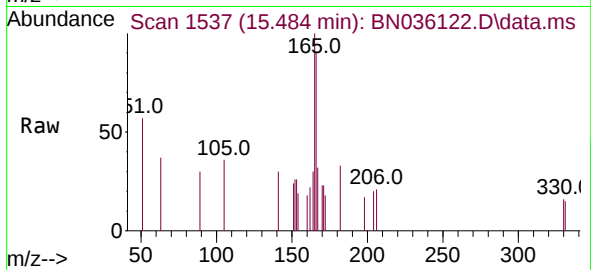
Tgt Ion:152 Resp: 293
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2
153 19.8 10.4 15.6#



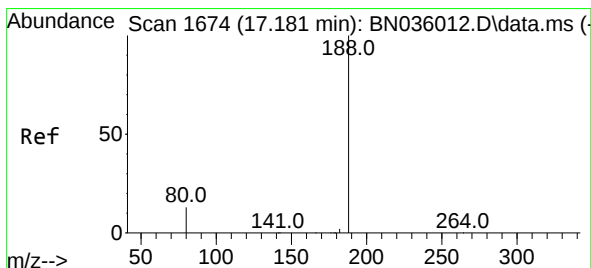
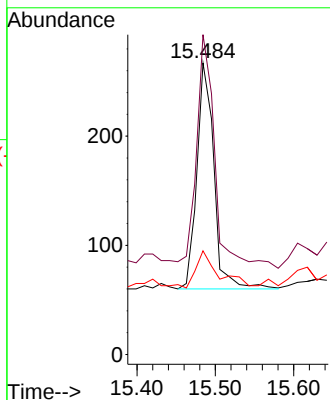
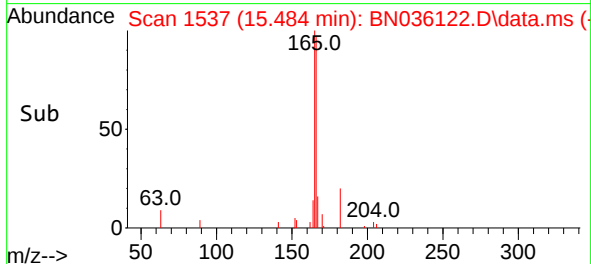


#18
Fluorene
Concen: 0.027 ng
RT: 15.484 min Scan# 1537
Delta R.T. -0.011 min
Lab File: BN036122.D
Acq: 30 Jan 2025 00:07

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-200-202

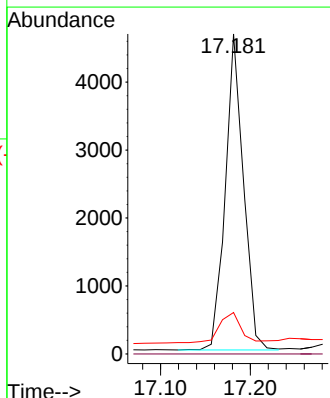
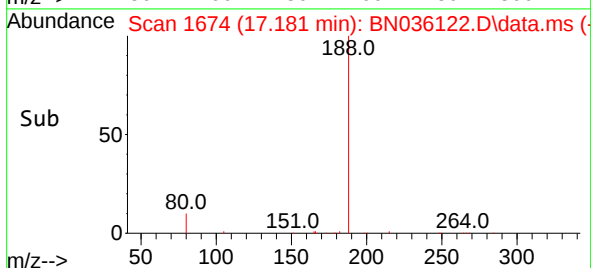
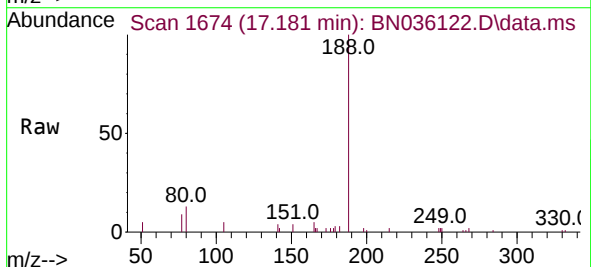


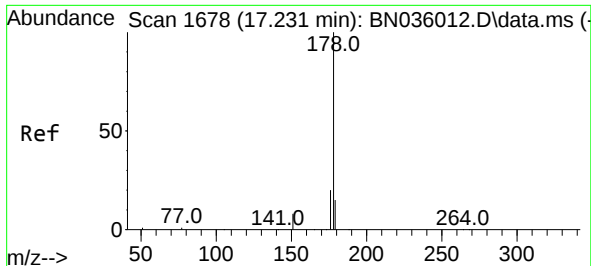
Tgt Ion:166 Resp: 337
Ion Ratio Lower Upper
166 100
165 109.5 78.5 117.7
167 17.2 10.7 16.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BN036122.D
Acq: 30 Jan 2025 00:07

Tgt Ion:188 Resp: 6554
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 12.3 18.5

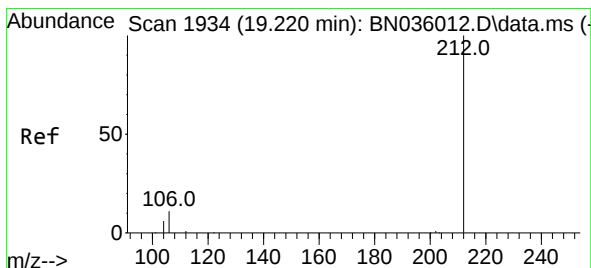
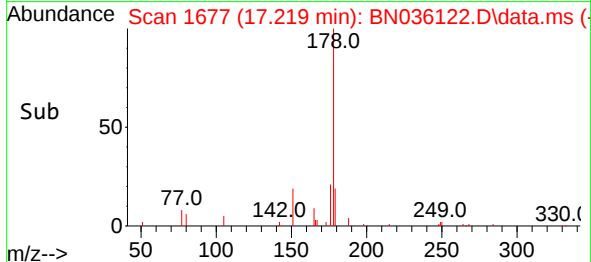
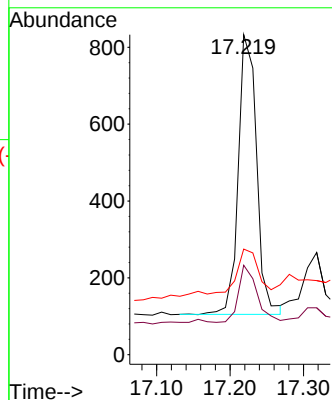
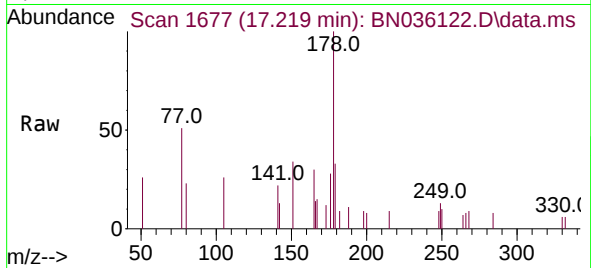




#25
Phenanthrene
Concen: 0.064 ng
RT: 17.219 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BN036122.D
Acq: 30 Jan 2025 00:07

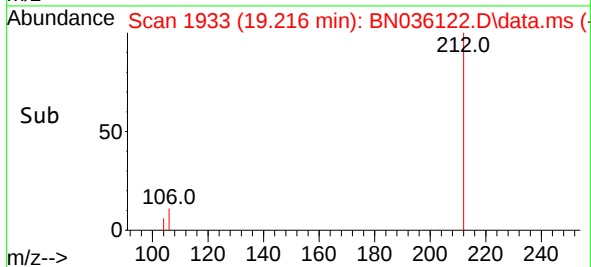
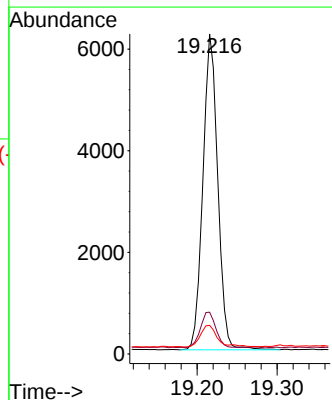
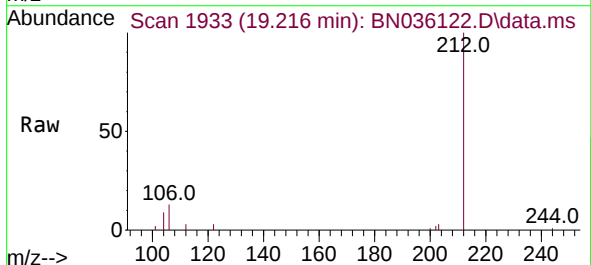
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-200-202

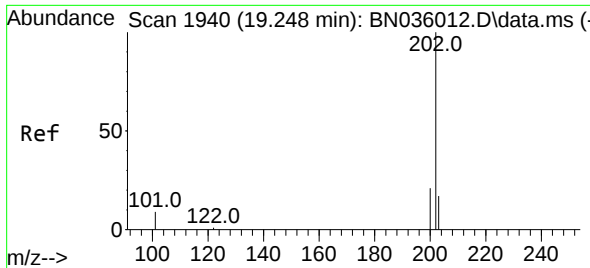
Tgt Ion:	178	Resp:	1262
Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.0	24.0
179	18.3	12.4	18.6



#27
Fluoranthene-d10
Concen: 0.472 ng
RT: 19.216 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BN036122.D
Acq: 30 Jan 2025 00:07

Tgt Ion:	212	Resp:	8006
Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.7	14.5
104	7.8	6.0	9.0

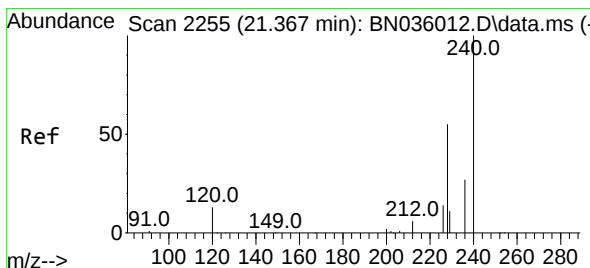
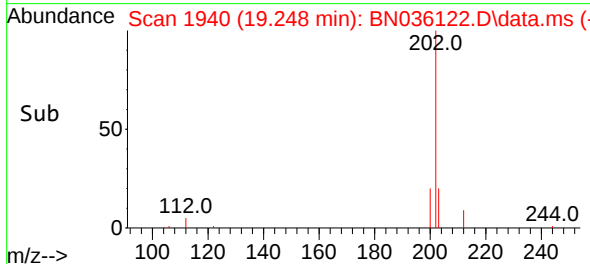
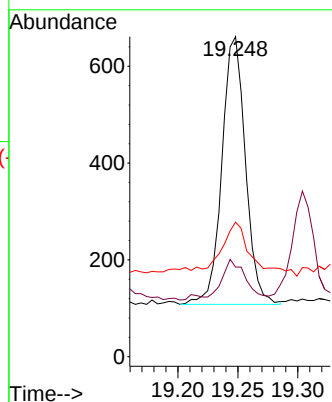
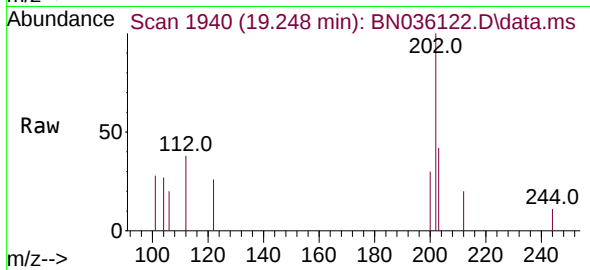




#28
Fluoranthene
Concen: 0.033 ng
RT: 19.248 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN036122.D
Acq: 30 Jan 2025 00:07

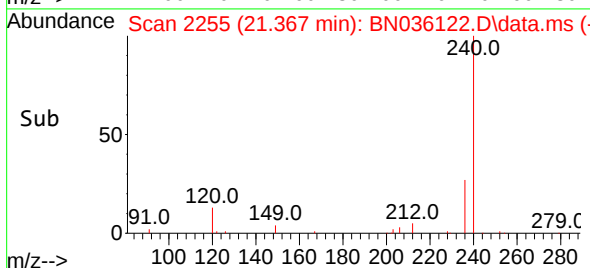
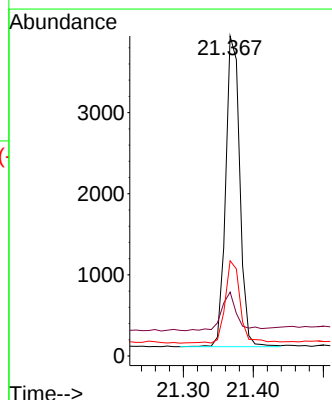
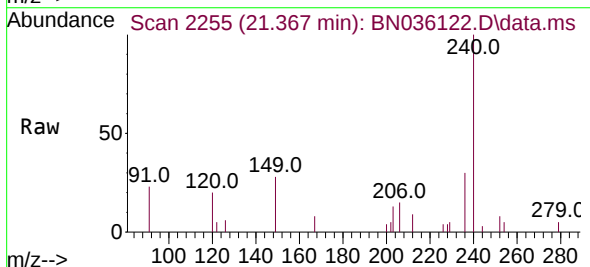
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-200-202

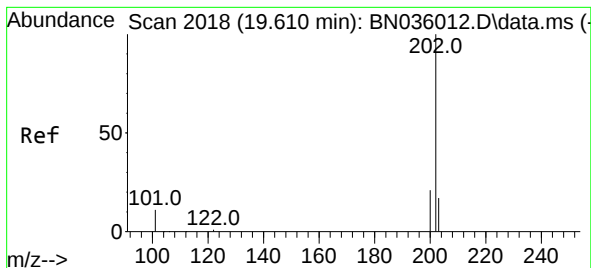
Tgt Ion:202 Resp: 756
Ion Ratio Lower Upper
202 100
101 12.7 7.6 11.4#
203 25.0 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.367 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BN036122.D
Acq: 30 Jan 2025 00:07

Tgt Ion:240 Resp: 5368
Ion Ratio Lower Upper
240 100
120 20.0 13.9 20.9
236 29.7 23.7 35.5





#30

Pyrene

Concen: 0.028 ng

RT: 19.610 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BN036122.D

Acq: 30 Jan 2025 00:07

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-200-202

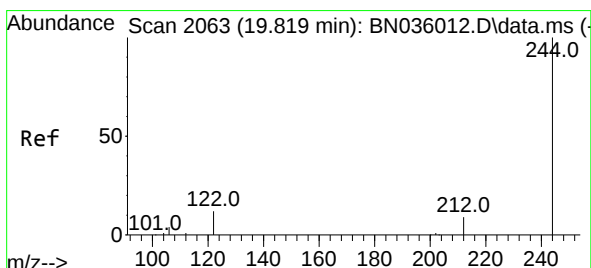
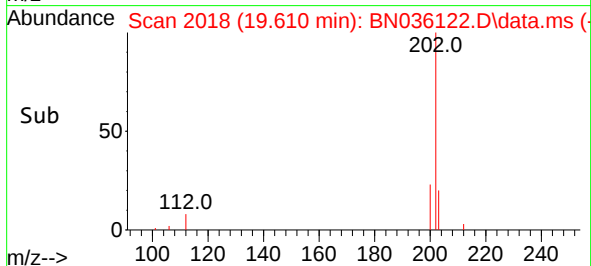
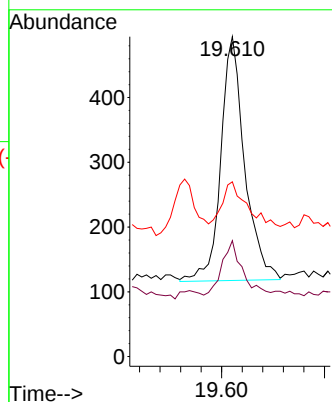
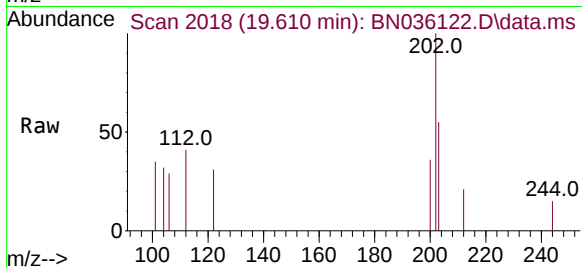
Tgt Ion:202 Resp: 608

Ion Ratio Lower Upper

202 100

200 18.9 17.0 25.4

203 20.2 14.4 21.6



#31

Terphenyl-d14

Concen: 0.597 ng

RT: 19.815 min Scan# 2062

Delta R.T. -0.005 min

Lab File: BN036122.D

Acq: 30 Jan 2025 00:07

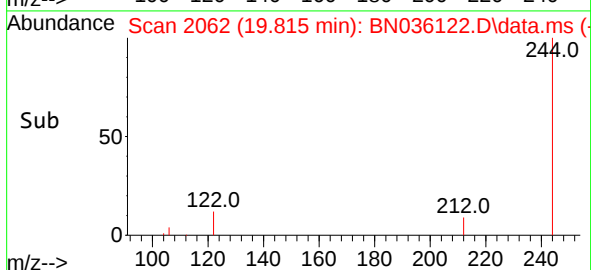
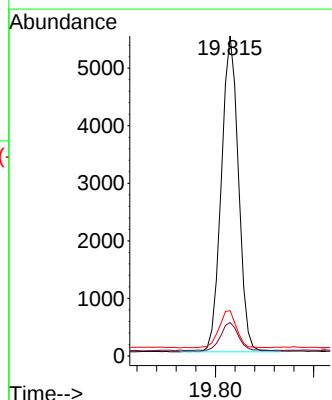
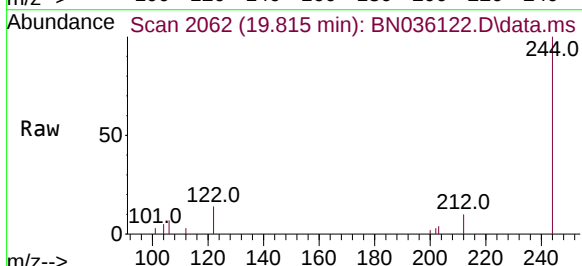
Tgt Ion:244 Resp: 6656

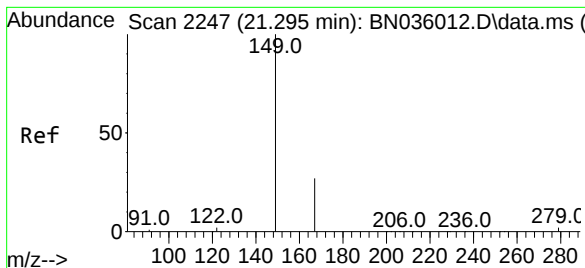
Ion Ratio Lower Upper

244 100

212 10.4 9.1 13.7

122 14.1 11.3 16.9





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.158 ng

RT: 21.286 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN036122.D

Acq: 30 Jan 2025 00:07

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-200-202

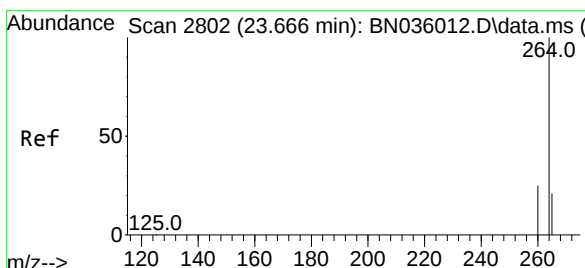
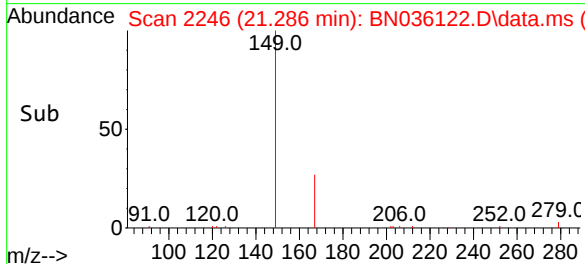
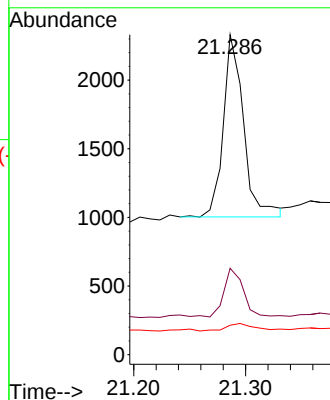
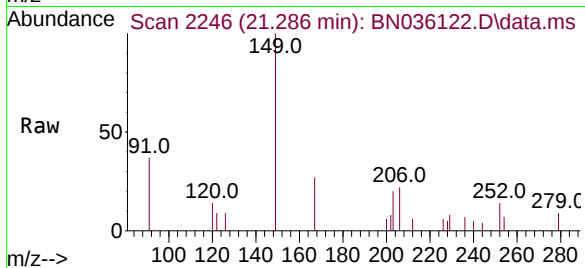
Tgt Ion:149 Resp: 1683

Ion Ratio Lower Upper

149 100

167 24.7 21.9 32.9

279 6.2 3.0 4.6#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.671 min Scan# 2804

Delta R.T. 0.006 min

Lab File: BN036122.D

Acq: 30 Jan 2025 00:07

Tgt Ion:264 Resp: 4990

Ion Ratio Lower Upper

264 100

260 26.1 21.8 32.6

265 124.8 56.6 84.8#

