

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036494.D
 Acq On : 24 Feb 2025 12:01
 Operator : RC/JU
 Sample : Q1401-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-825-827

Quant Time: Feb 24 12:24:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

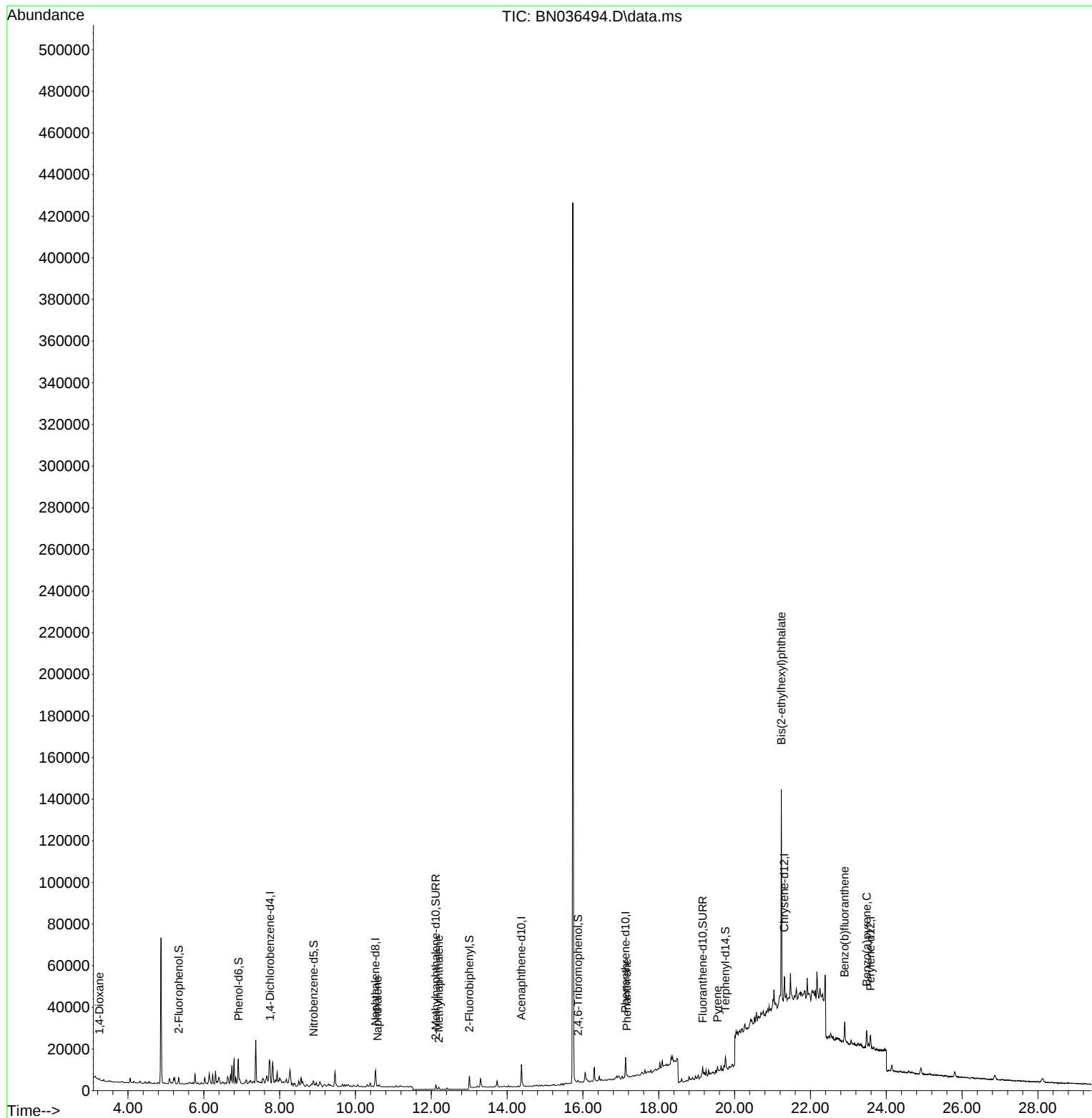
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	3781	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	10043	0.400	ng	#-0.01
13) Acenaphthene-d10	14.377	164	5710	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	12437	0.400	ng	#-0.01
29) Chrysene-d12	21.313	240	9000	0.400	ng	# 0.00
35) Perylene-d12	23.584	264	8845	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	1070	0.120	ng	0.00
5) Phenol-d6	6.915	99	1367	0.130	ng	-0.02
8) Nitrobenzene-d5	8.897	82	2461	0.248	ng	-0.01
11) 2-Methylnaphthalene-d10	12.121	152	2988	0.194	ng	-0.02
14) 2,4,6-Tribromophenol	15.870	330	371	0.131	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	6504	0.303	ng	-0.02
27) Fluoranthene-d10	19.160	212	5125	0.148	ng	0.00
31) Terphenyl-d14	19.759	244	4305	0.224	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	104	0.025	ng	# 1
9) Naphthalene	10.583	128	678	0.023	ng	# 71
12) 2-Methylnaphthalene	12.197	142	783	0.041	ng	# 93
25) Phenanthrene	17.161	178	1446	0.040	ng	# 79
30) Pyrene	19.550	202	1269	0.037	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.232	149	87131	4.722	ng	99
37) Benzo(b)fluoranthene	22.902	252	1133	0.039	ng	# 1
39) Benzo(a)pyrene	23.484	252	910	0.036	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
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BP-VPB-192-GW-825-827

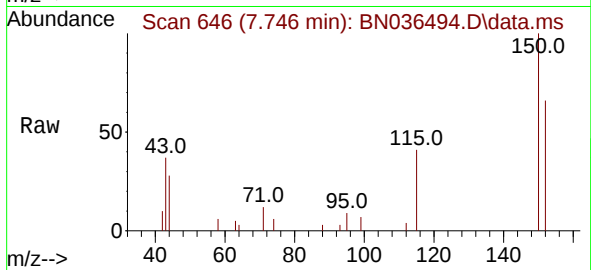
Quant Time: Feb 24 12:24:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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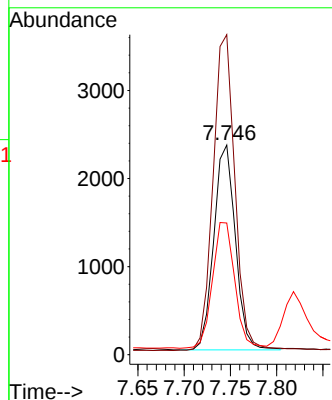
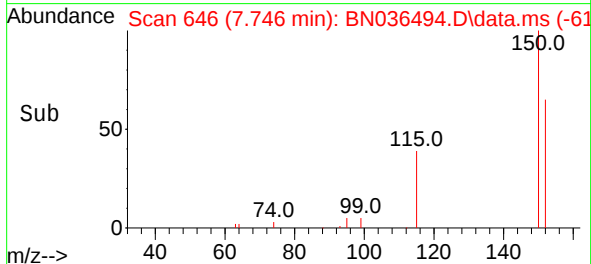


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.746 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036494.D
 Acq: 24 Feb 2025 12:01

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-825-827

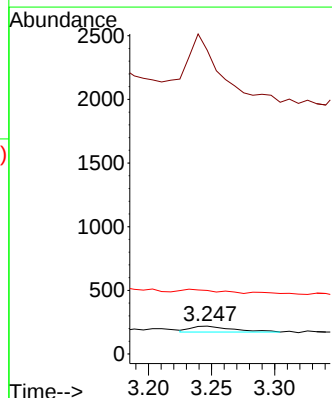
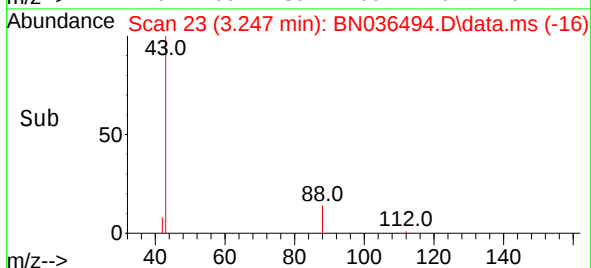
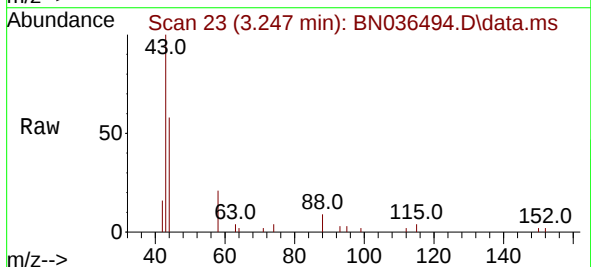


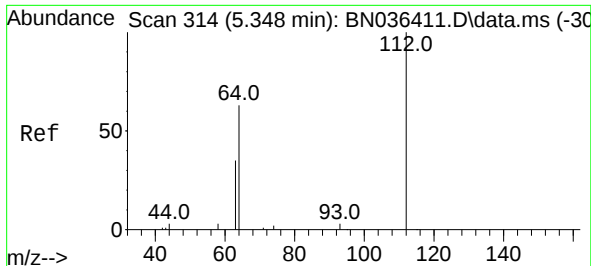
Tgt Ion:152 Resp: 3781
 Ion Ratio Lower Upper
 152 100
 150 152.6 123.7 185.5
 115 62.8 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.022 min
 Lab File: BN036494.D
 Acq: 24 Feb 2025 12:01

Tgt Ion: 88 Resp: 104
 Ion Ratio Lower Upper
 88 100
 43 1022.1 33.7 50.5#
 58 63.5 68.9 103.3#

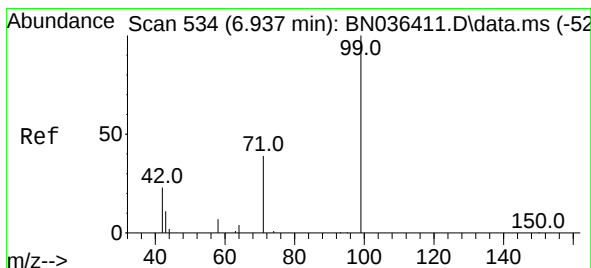
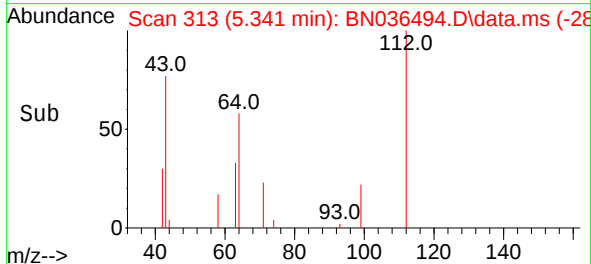
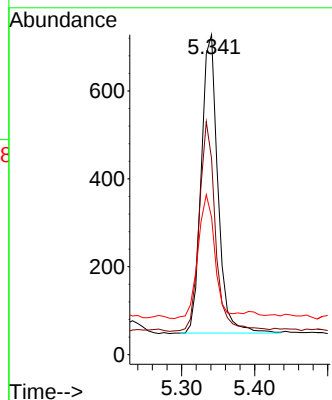
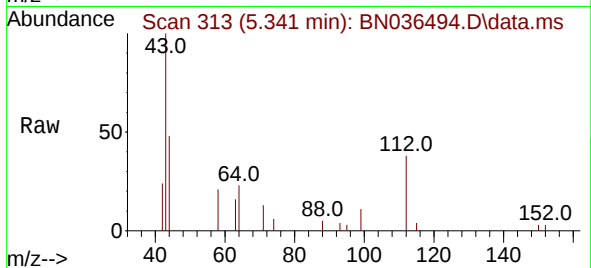




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

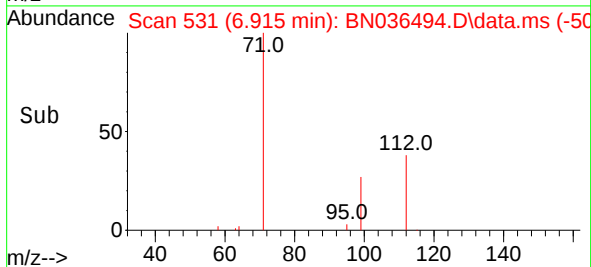
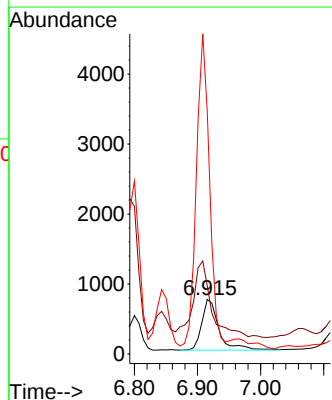
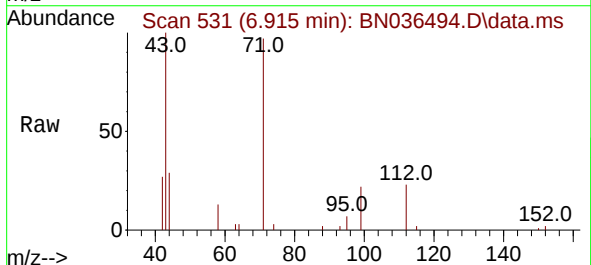
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-825-827

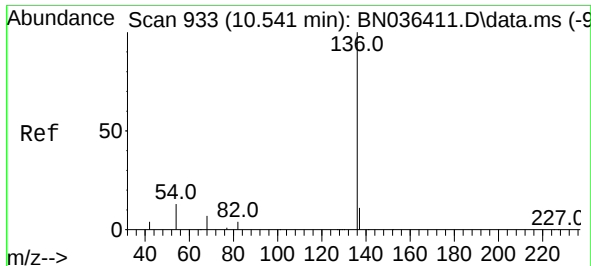
Tgt Ion:112 Resp: 1070
Ion Ratio Lower Upper
112 100
64 68.8 53.4 80.0
63 42.0 30.3 45.5



#5
Phenol-d6
Concen: 0.130 ng
RT: 6.915 min Scan# 531
Delta R.T. -0.022 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

Tgt Ion: 99 Resp: 1367
Ion Ratio Lower Upper
99 100
42 164.2 21.7 32.5#
71 464.8 32.6 49.0#

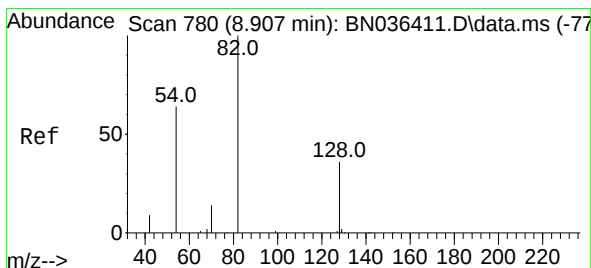
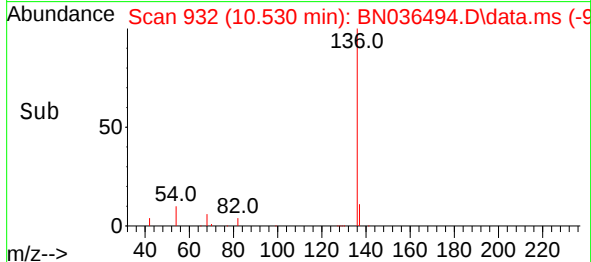
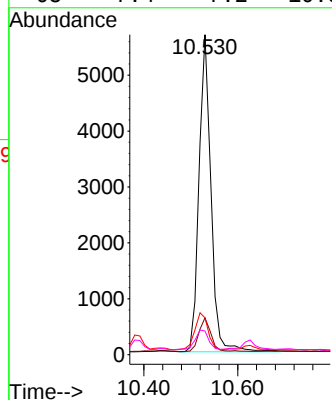
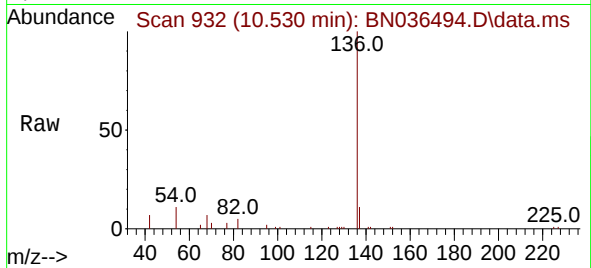




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

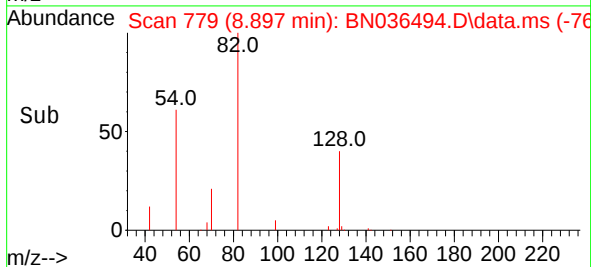
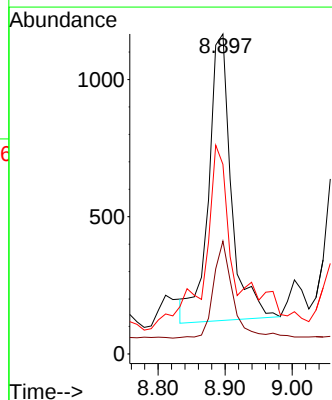
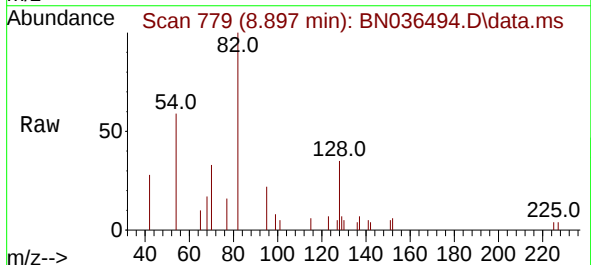
Instrument :
BNA_N
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BP-VPB-192-GW-825-827

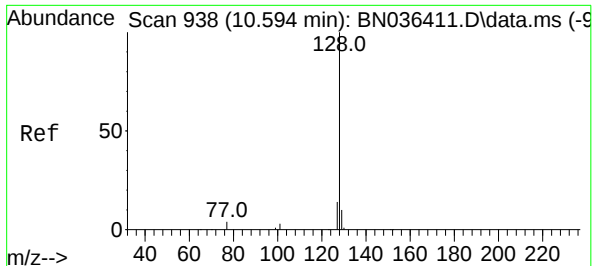
Tgt Ion:	136	Resp:	10043
Ion Ratio	Lower	Upper	
136	100		
137	11.5	10.1	15.1
54	11.5	11.8	17.6#
68	7.4	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

Tgt Ion:	82	Resp:	2461
Ion Ratio	Lower	Upper	
82	100		
128	35.2	31.9	47.9
54	59.3	53.1	79.7

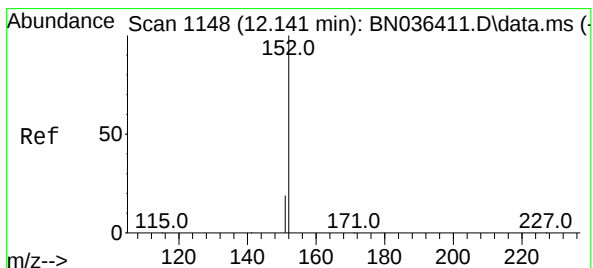
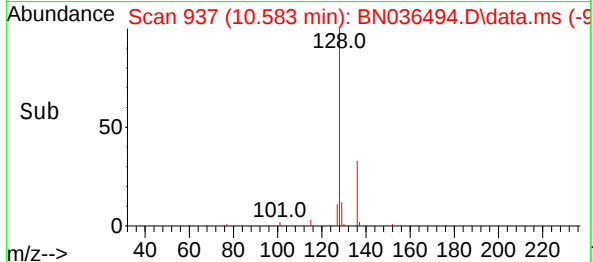
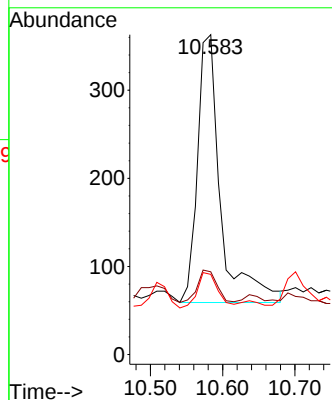
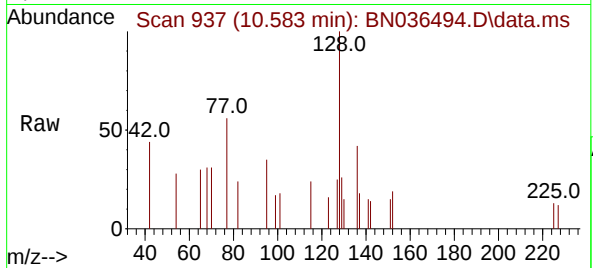




#9
Naphthalene
Concen: 0.023 ng
RT: 10.583 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

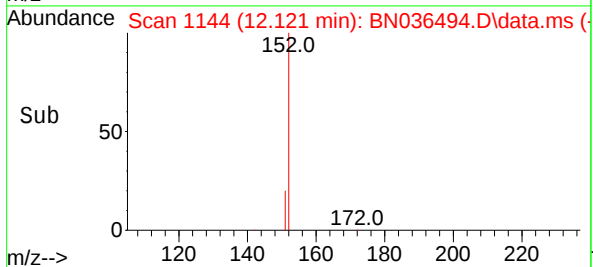
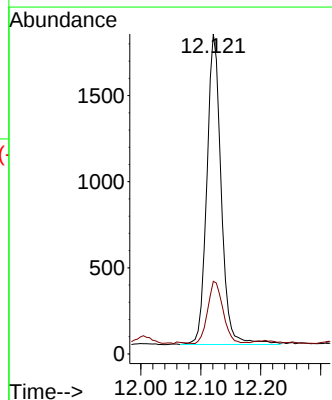
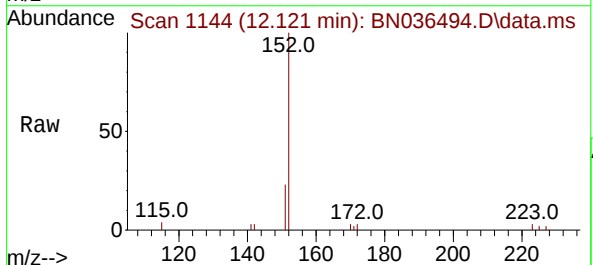
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-825-827

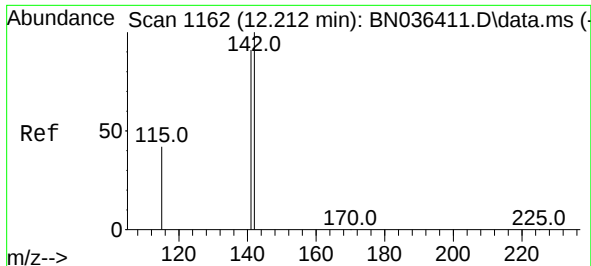
Tgt Ion:128 Resp: 678
Ion Ratio Lower Upper
128 100
129 25.9 9.6 14.4#
127 25.1 12.0 18.0#



#11
2-Methylnaphthalene-d10
Concen: 0.194 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.020 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

Tgt Ion:152 Resp: 2988
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0





#12

2-Methylnaphthalene

Concen: 0.041 ng

RT: 12.197 min Scan# 1159

Delta R.T. -0.015 min

Lab File: BN036494.D

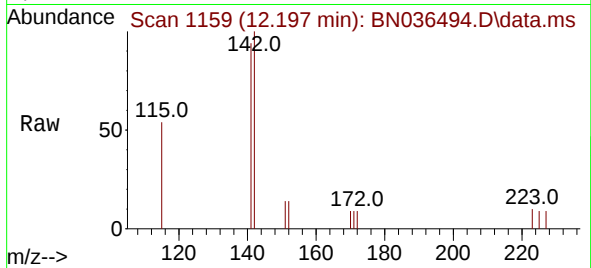
Acq: 24 Feb 2025 12:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-825-827



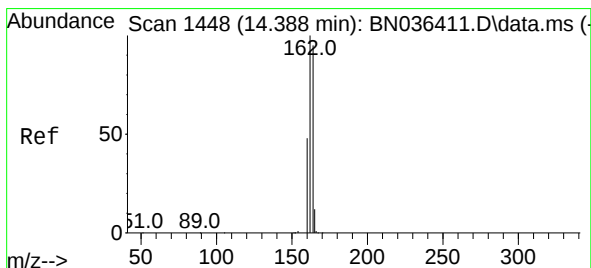
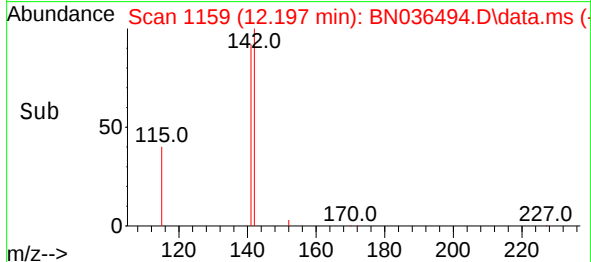
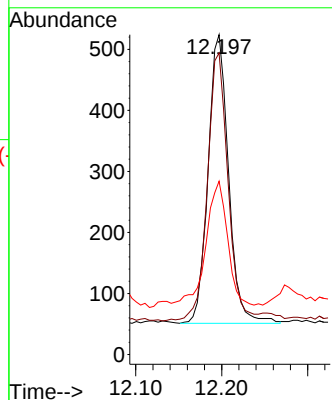
Tgt Ion:142 Resp: 783

Ion Ratio Lower Upper

142 100

141 94.3 72.8 109.2

115 54.2 35.5 53.3#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.377 min Scan# 1447

Delta R.T. -0.011 min

Lab File: BN036494.D

Acq: 24 Feb 2025 12:01

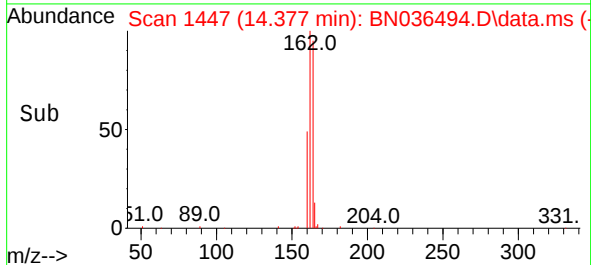
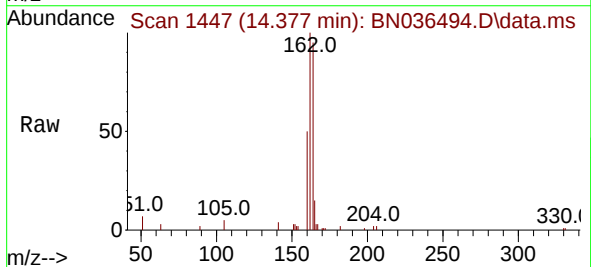
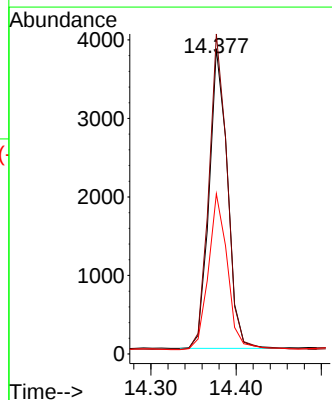
Tgt Ion:164 Resp: 5710

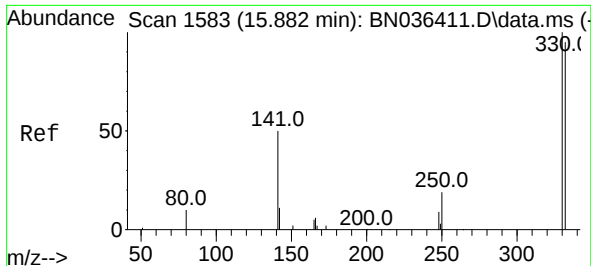
Ion Ratio Lower Upper

164 100

162 104.8 84.1 126.1

160 52.5 41.4 62.0

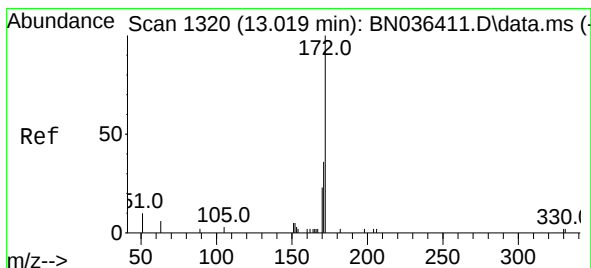
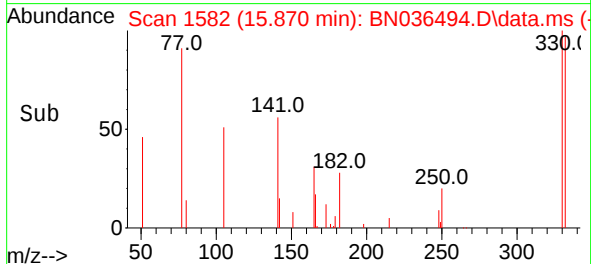
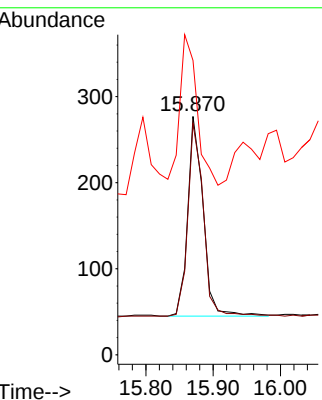
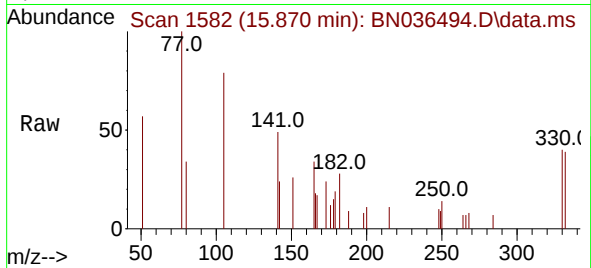




#14
2,4,6-Tribromophenol
Concen: 0.131 ng
RT: 15.870 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

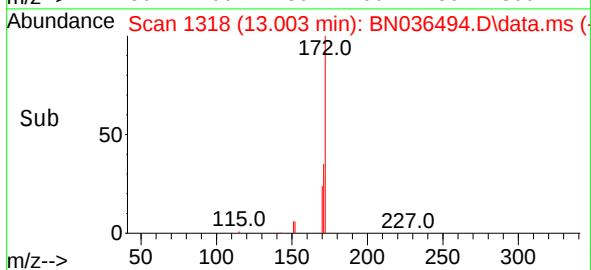
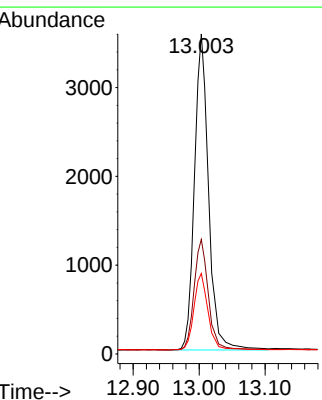
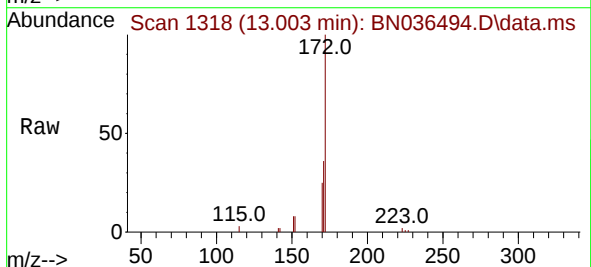
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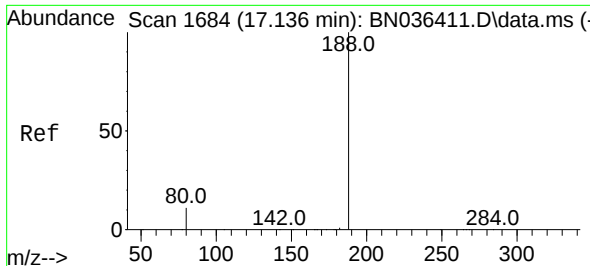
Tgt Ion:330 Resp: 371
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 82.5 37.8 56.8#



#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.016 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

Tgt Ion:172 Resp: 6504
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 25.2 19.8 29.6

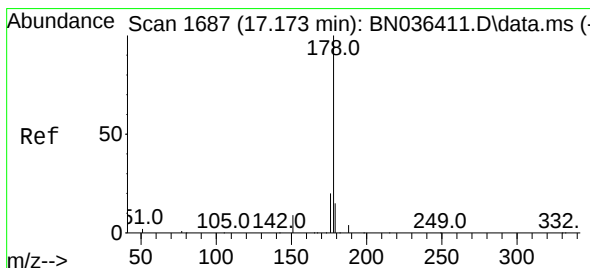
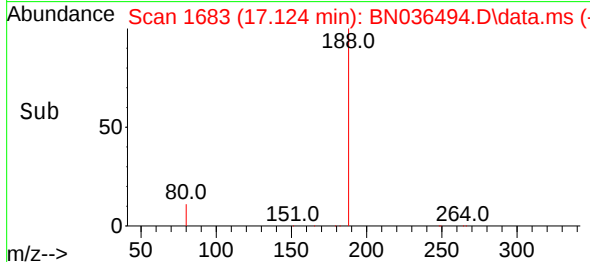
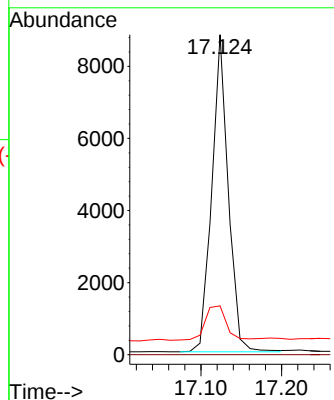
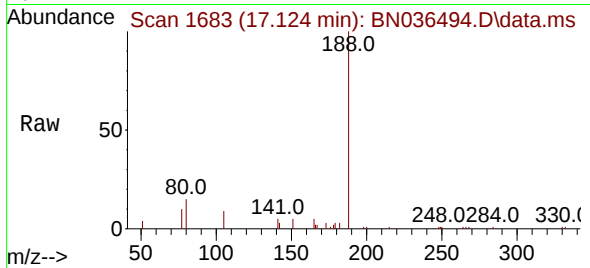




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

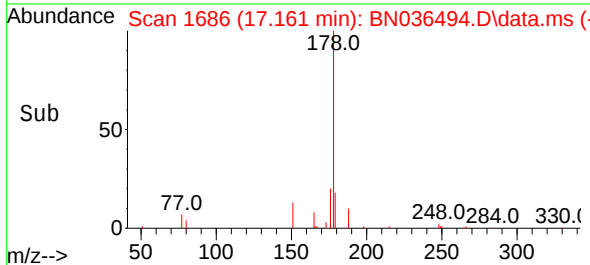
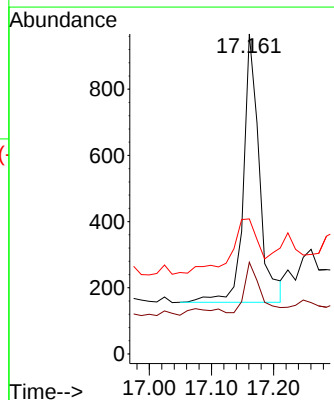
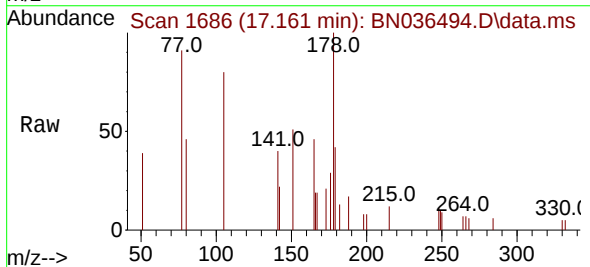
Instrument :
BNA_N
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BP-VPB-192-GW-825-827

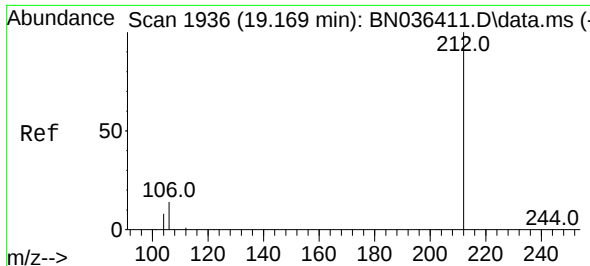
Tgt Ion:188 Resp: 12437
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 9.8 14.6#



#25
Phenanthrene
Concen: 0.040 ng
RT: 17.161 min Scan# 1686
Delta R.T. -0.012 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

Tgt Ion:178 Resp: 1446
Ion Ratio Lower Upper
178 100
176 17.9 15.7 23.5
179 33.9 12.4 18.6#

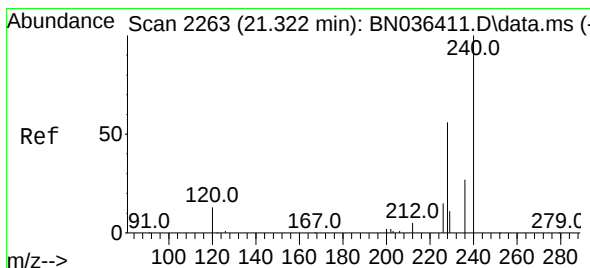
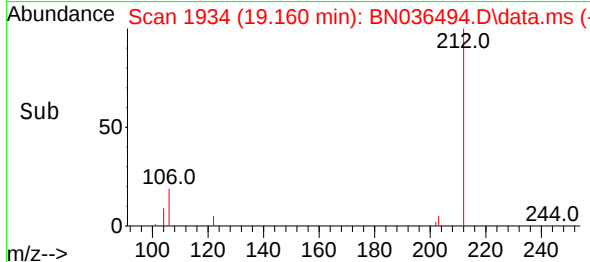
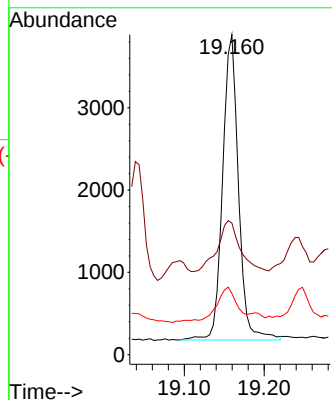
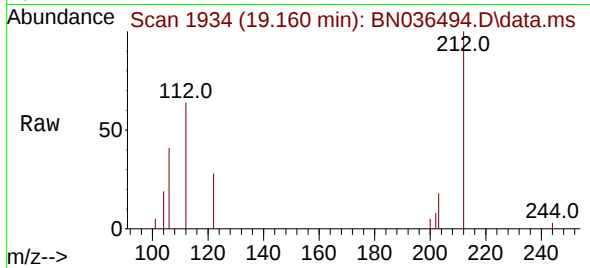




#27
Fluoranthene-d10
Concen: 0.148 ng
RT: 19.160 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

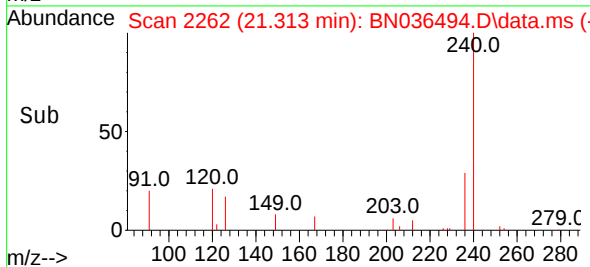
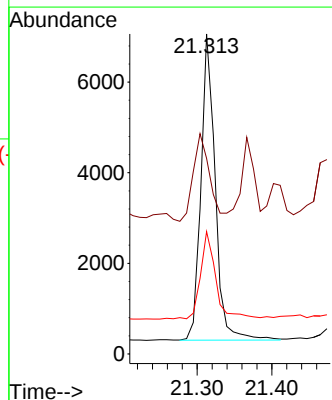
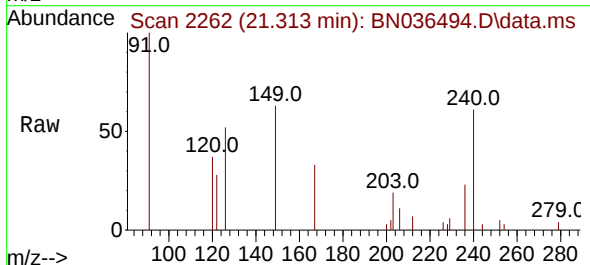
Instrument : BNA_N
ClientSampleId : BP-VPB-192-GW-825-827

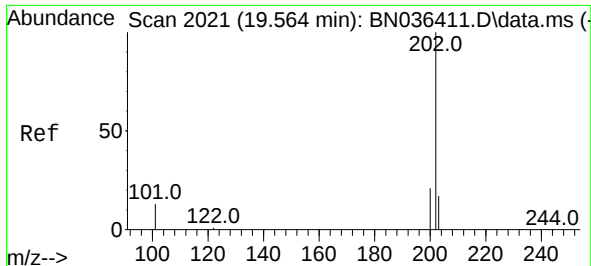
Tgt Ion:212 Resp: 5125
Ion Ratio Lower Upper
212 100
106 25.3 11.5 17.3#
104 15.5 7.1 10.7#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

Tgt Ion:240 Resp: 9000
Ion Ratio Lower Upper
240 100
120 61.1 13.3 19.9#
236 38.3 23.0 34.6#





#30

Pyrene

Concen: 0.037 ng

RT: 19.550 min Scan# 2021

Delta R.T. -0.014 min

Lab File: BN036494.D

Acq: 24 Feb 2025 12:01

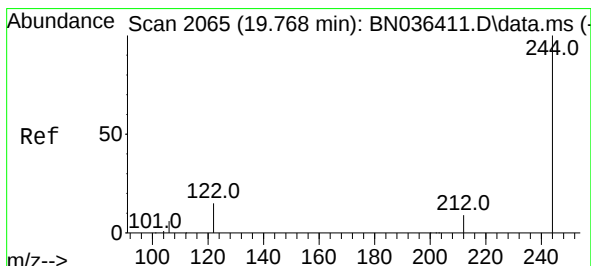
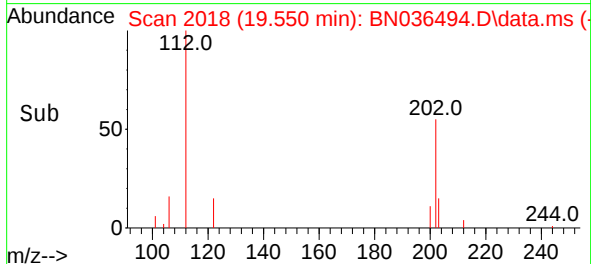
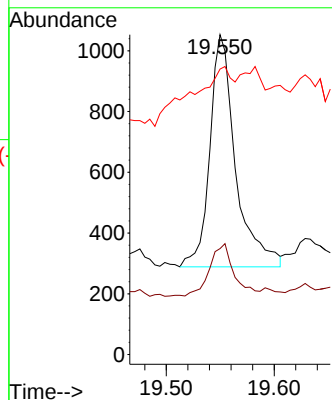
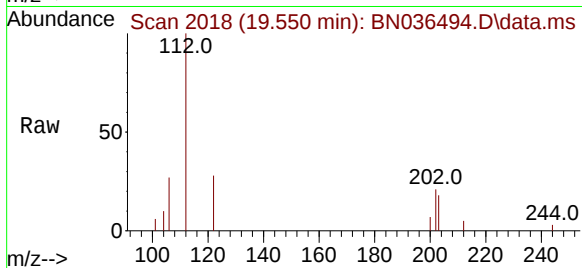
Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-825-827

Tgt Ion:202	Resp:	1269
Ion Ratio	Lower	Upper
202	100	
200	21.3	16.9 25.3
203	41.8	13.9 20.9#



#31

Terphenyl-d14

Concen: 0.224 ng

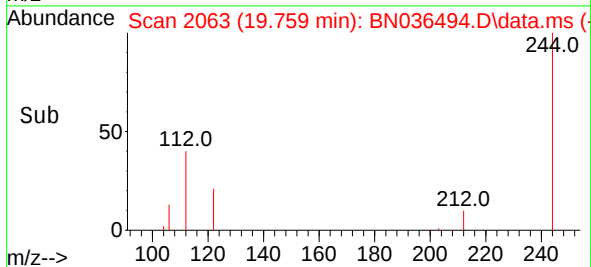
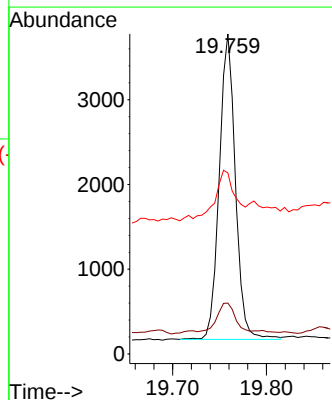
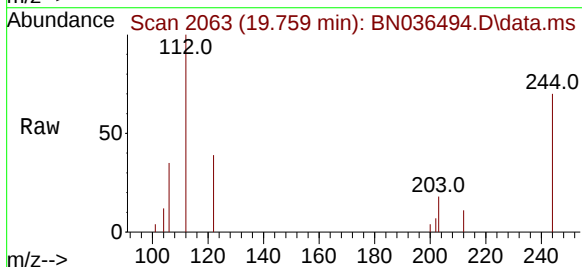
RT: 19.759 min Scan# 2063

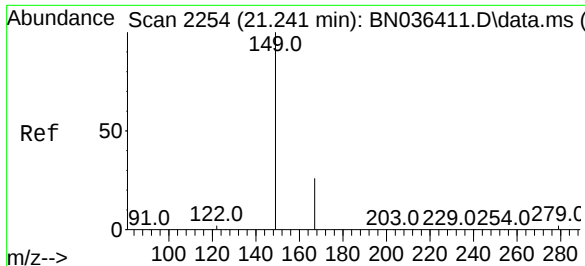
Delta R.T. -0.009 min

Lab File: BN036494.D

Acq: 24 Feb 2025 12:01

Tgt Ion:244	Resp:	4305
Ion Ratio	Lower	Upper
244	100	
212	15.9	8.1 12.1#
122	56.5	12.8 19.2#

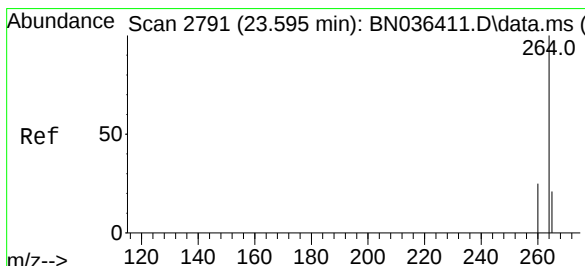
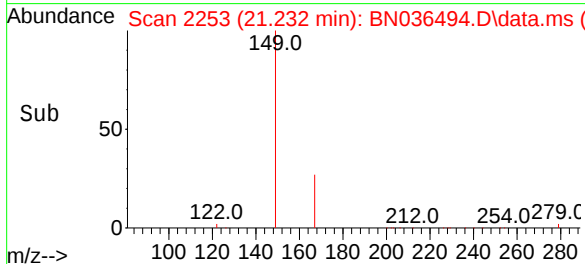
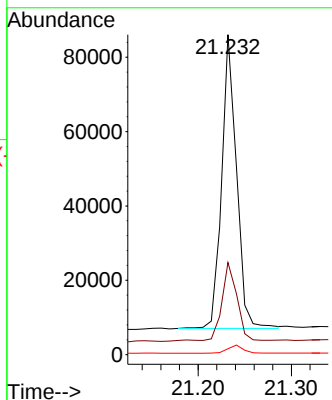
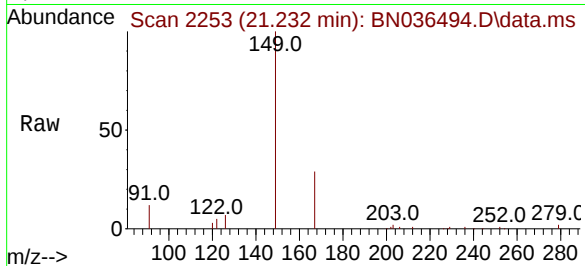




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 4.722 ng
 RT: 21.232 min Scan# 21253
 Delta R.T. -0.009 min
 Lab File: BN036494.D
 Acq: 24 Feb 2025 12:01

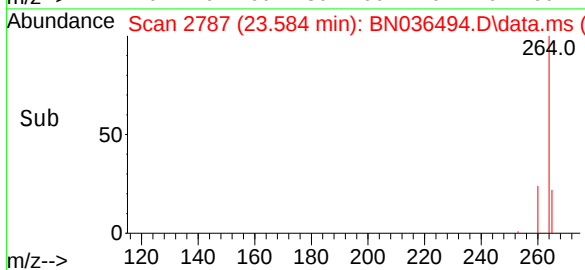
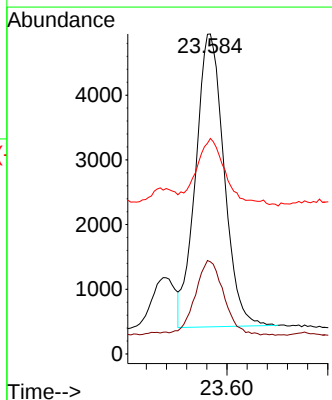
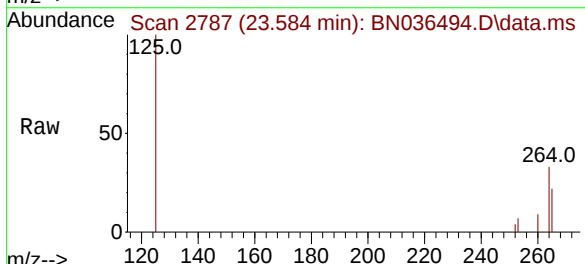
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-825-827

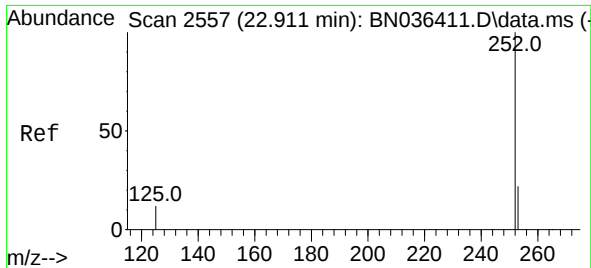
Tgt Ion:149 Resp: 87131
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.2 31.8
 279 2.9 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.584 min Scan# 2787
 Delta R.T. -0.012 min
 Lab File: BN036494.D
 Acq: 24 Feb 2025 12:01

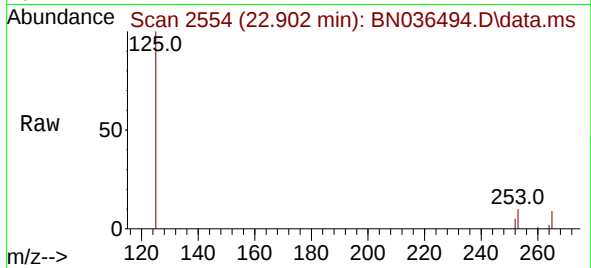
Tgt Ion:264 Resp: 8845
 Ion Ratio Lower Upper
 264 100
 260 28.8 20.9 31.3
 265 67.4 60.7 91.1



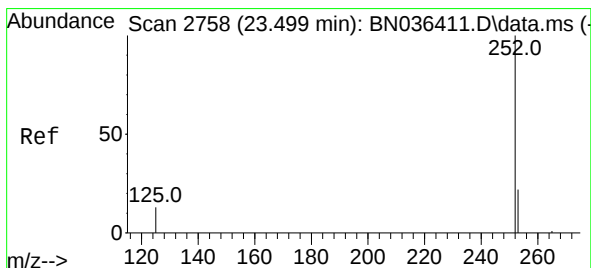
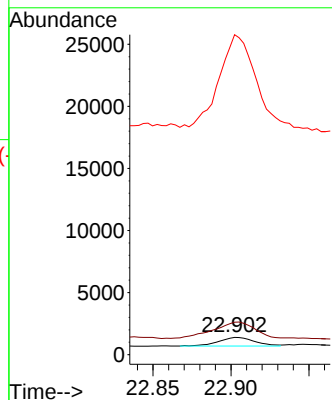
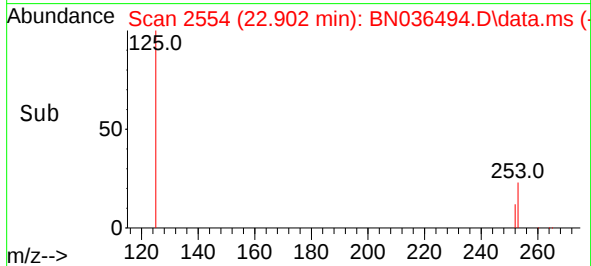


#37
Benzo(b)fluoranthene
Concen: 0.039 ng
RT: 22.902 min Scan# 2554
Delta R.T. -0.009 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-825-827



Tgt Ion:252 Resp: 1133
Ion Ratio Lower Upper
252 100
253 187.6 21.9 32.9#
125 1843.8 15.0 22.6#



#39
Benzo(a)pyrene
Concen: 0.036 ng
RT: 23.484 min Scan# 2753
Delta R.T. -0.015 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

Tgt Ion:252 Resp: 910
Ion Ratio Lower Upper
252 100
253 166.2 24.4 36.6#
125 1926.5 18.2 27.2#

