

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)

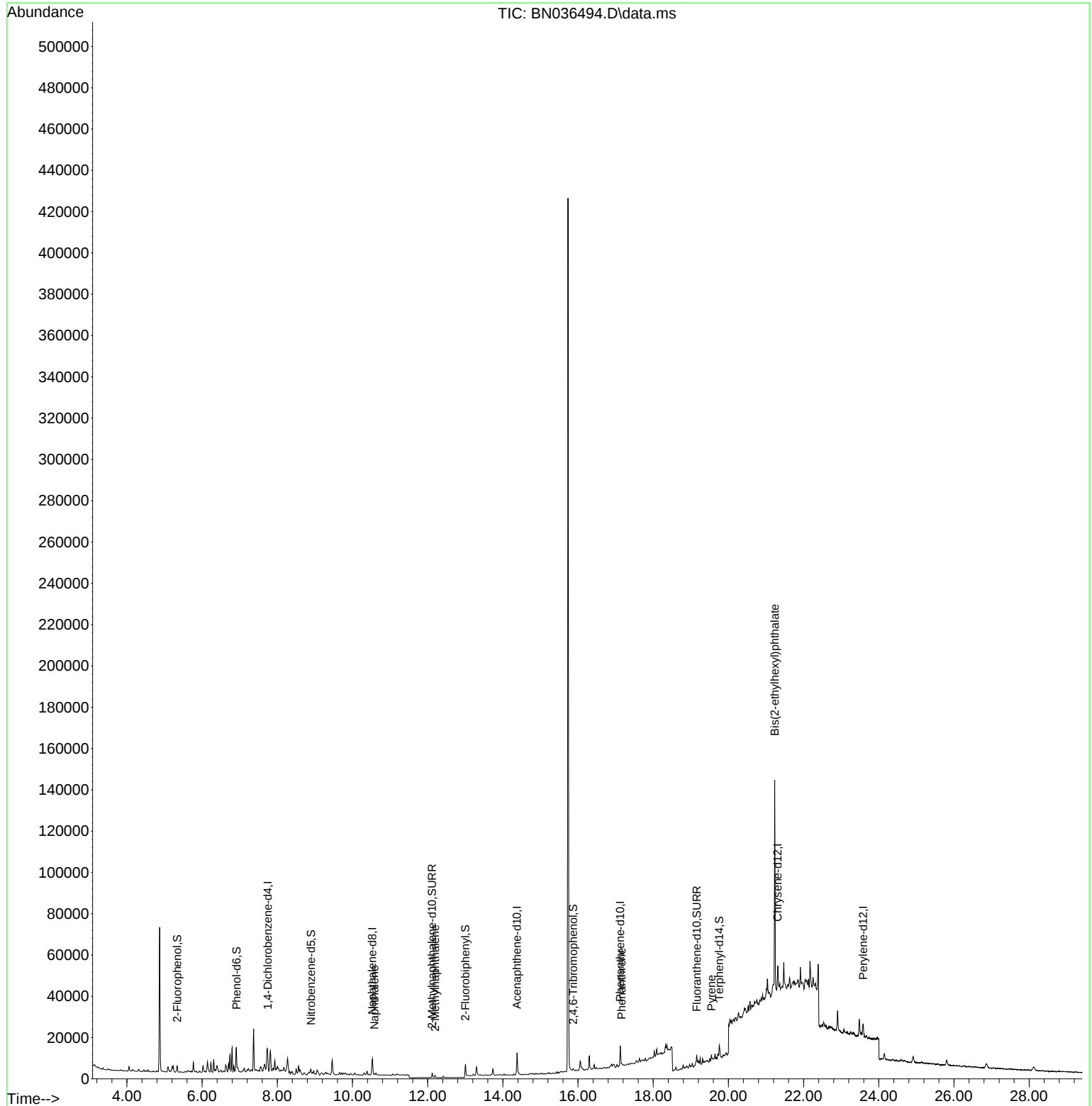
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	3781	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	10043	0.400	ng	#-0.01
13) Acenaphthene-d10	14.377	164	5710	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	12437	0.400	ng	#-0.01
29) Chrysene-d12	21.313	240	9000	0.400	ng	# 0.00
35) Perylene-d12	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
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

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

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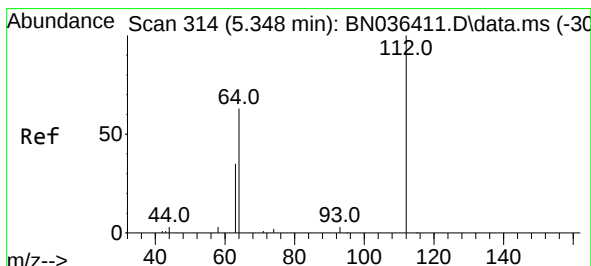
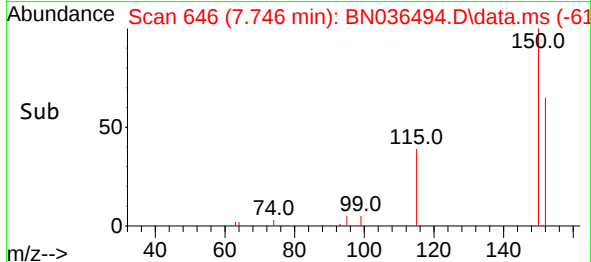
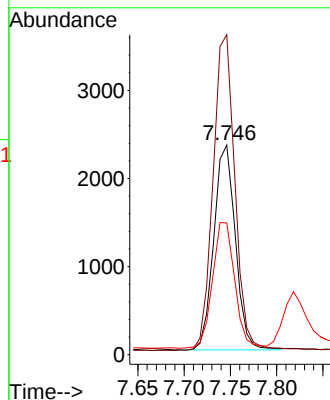
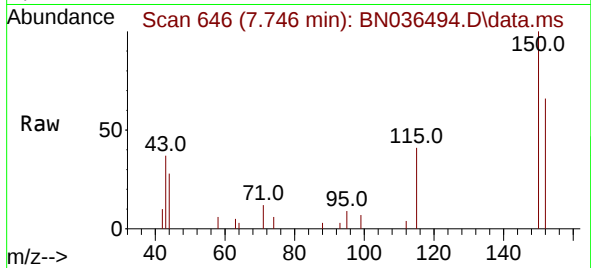




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

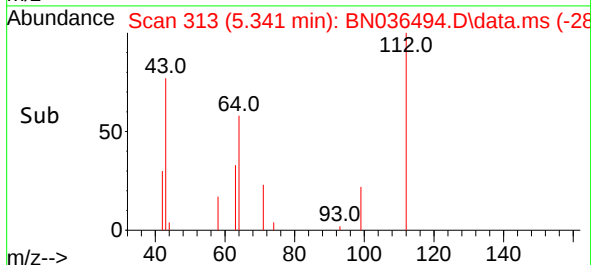
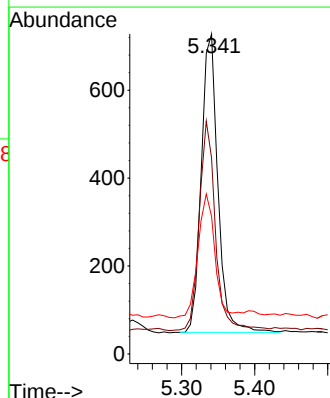
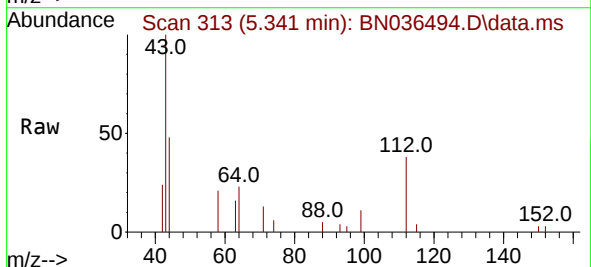
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-825-827

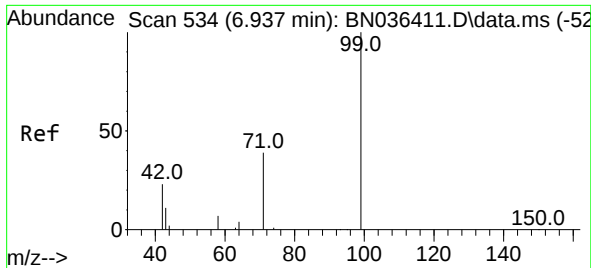
Tgt Ion:152 Resp: 3781
Ion Ratio Lower Upper
152 100
150 152.6 123.7 185.5
115 62.8 52.5 78.7



#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

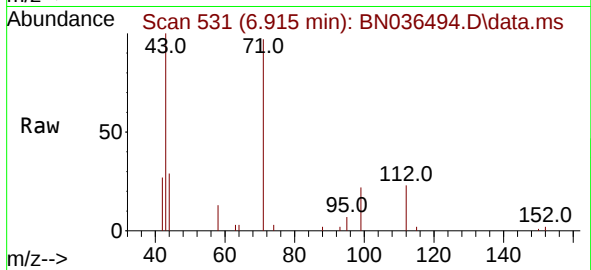
Tgt Ion:112 Resp: 1070
Ion Ratio Lower Upper
112 100
64 68.8 53.4 80.0
63 42.0 30.3 45.5



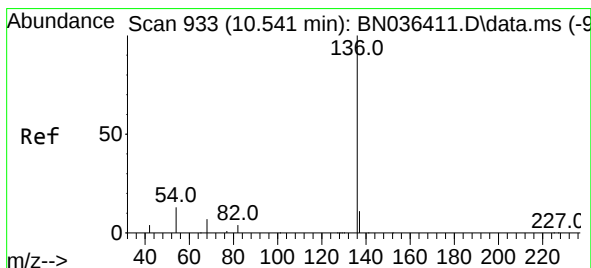
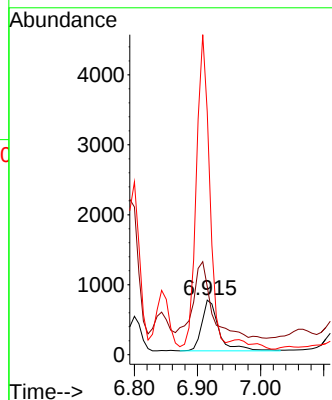
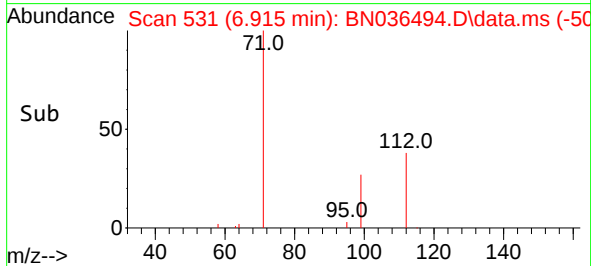


#5
Phenol-d6
Concen: 0.130 ng
RT: 6.915 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

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

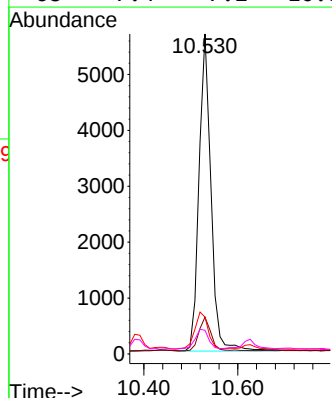
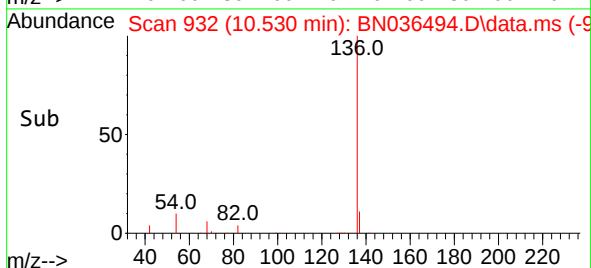
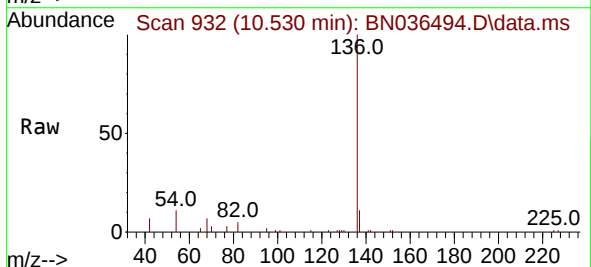


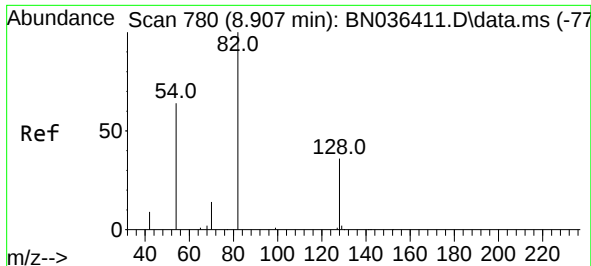
Tgt Ion: 99 Resp: 1367
Ion Ratio Lower Upper
99 100
42 164.2 21.7 32.5#
71 464.8 32.6 49.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.011 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

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

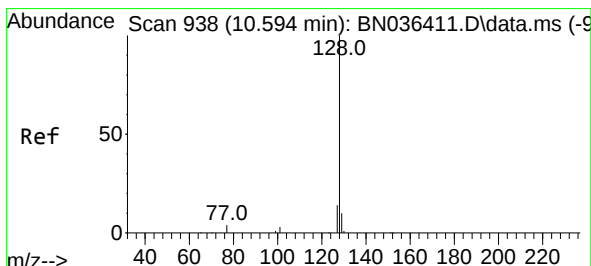
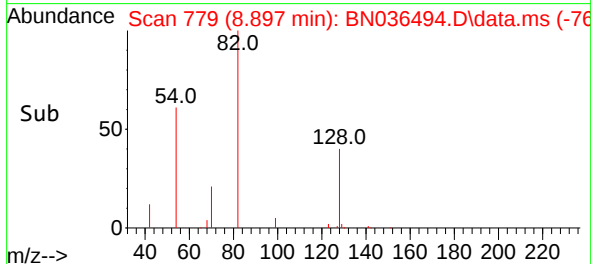
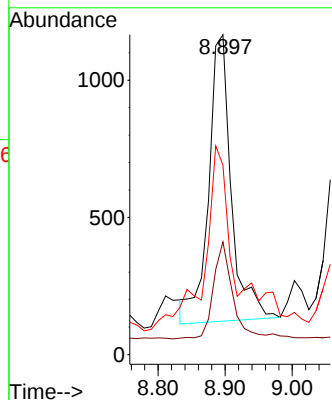
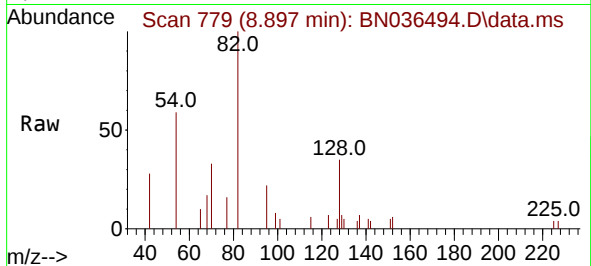




#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.897 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

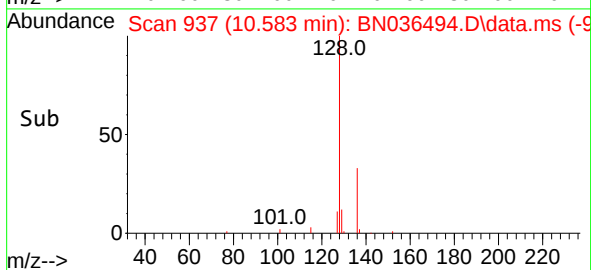
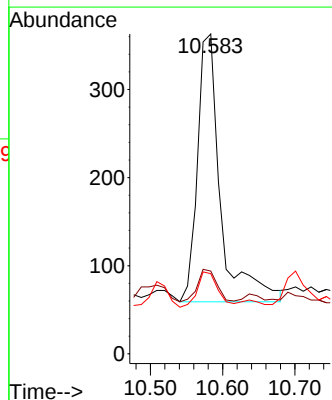
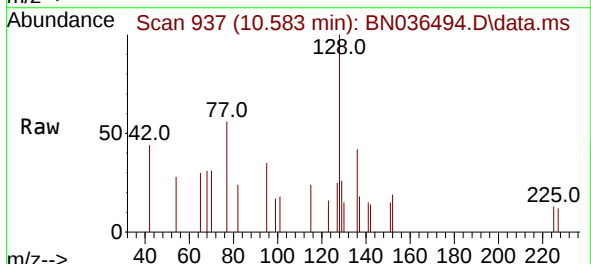
Instrument :
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ClientSampleId :
BP-VPB-192-GW-825-827

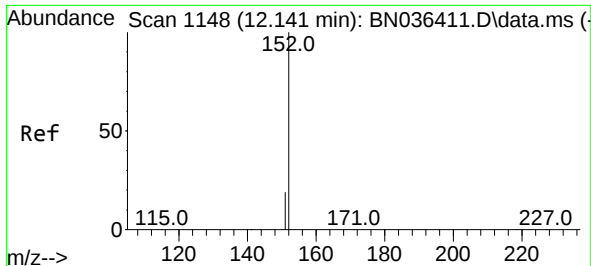
Tgt Ion: 82 Resp: 2461
Ion Ratio Lower Upper
82 100
128 35.2 31.9 47.9
54 59.3 53.1 79.7



#9
Naphthalene
Concen: 0.023 ng
RT: 10.583 min Scan# 937
Delta R.T. -0.011 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

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#

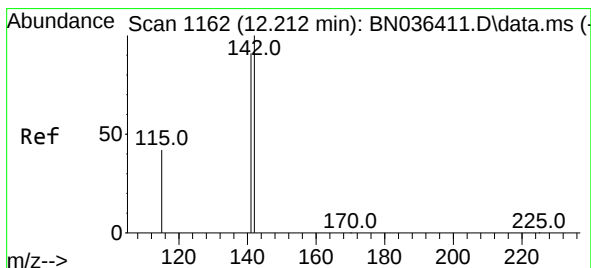
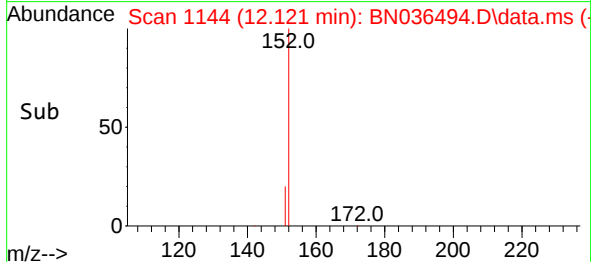
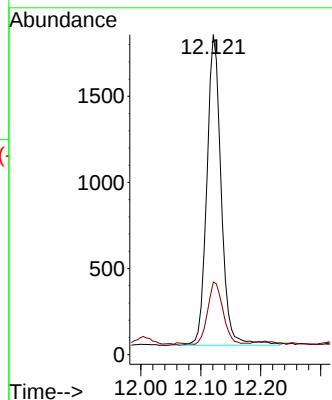
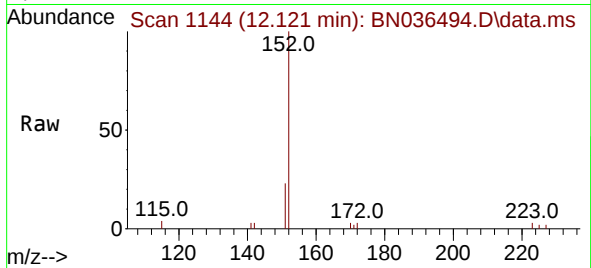




#11
2-Methylnaphthalene-d10
Concen: 0.194 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.020 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

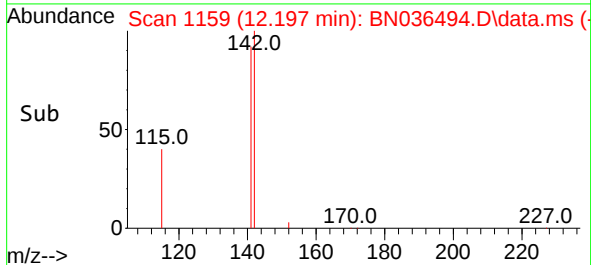
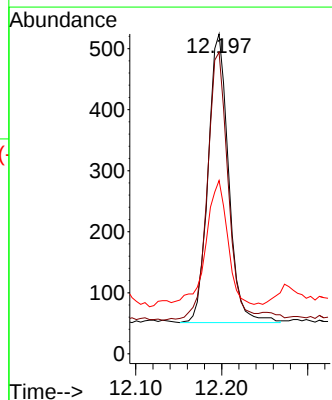
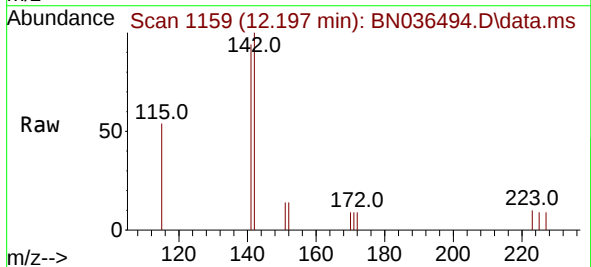
Instrument :
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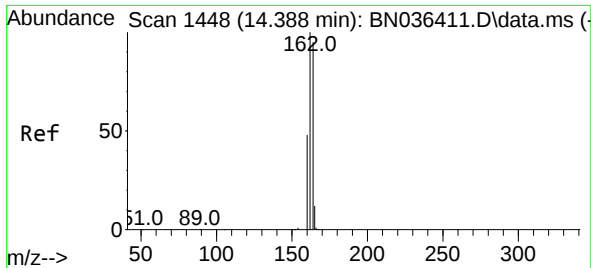
Tgt Ion:152 Resp: 2988
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0



#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

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#

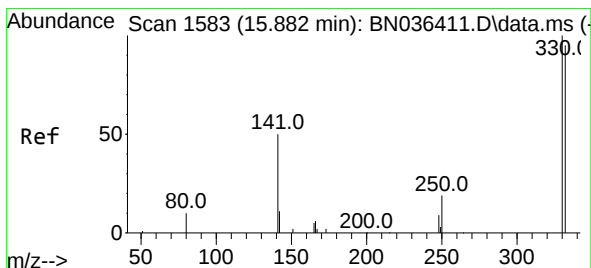
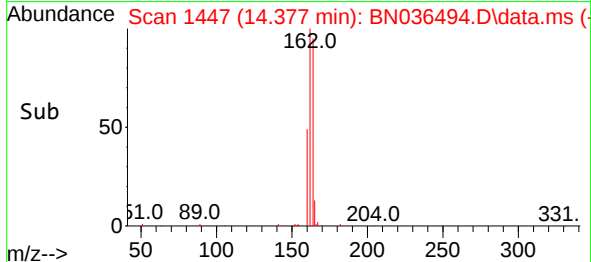
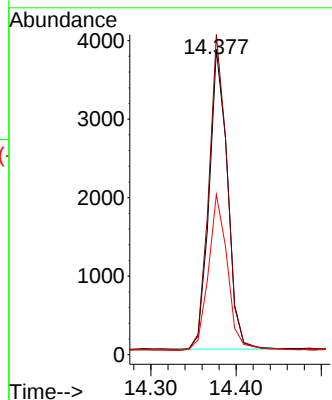
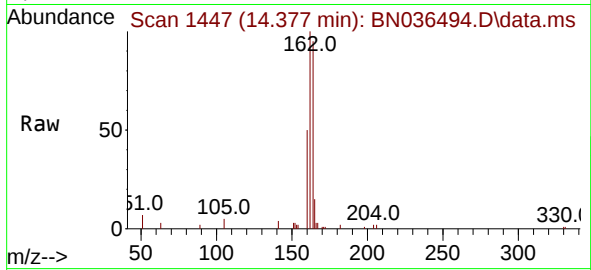




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.011 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

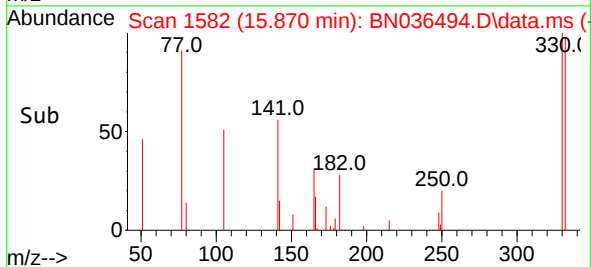
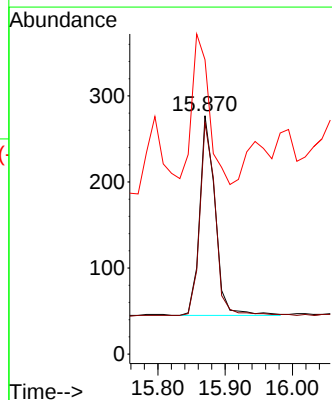
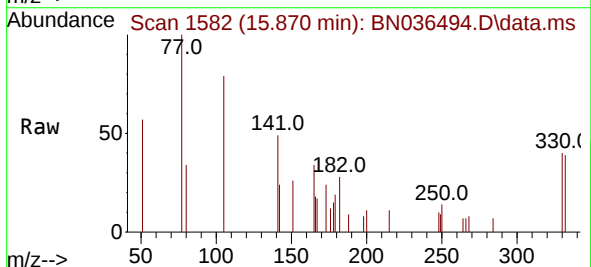
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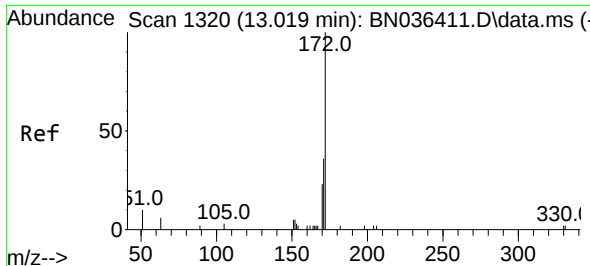
Tgt Ion:164 Resp: 5710
Ion Ratio Lower Upper
164 100
162 104.8 84.1 126.1
160 52.5 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.131 ng
RT: 15.870 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

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#

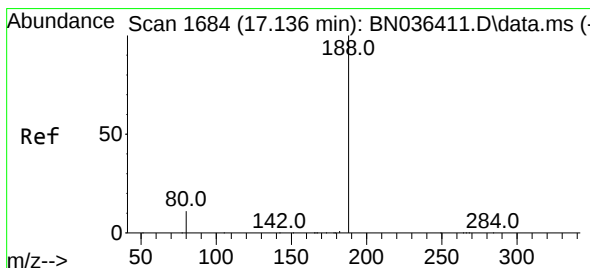
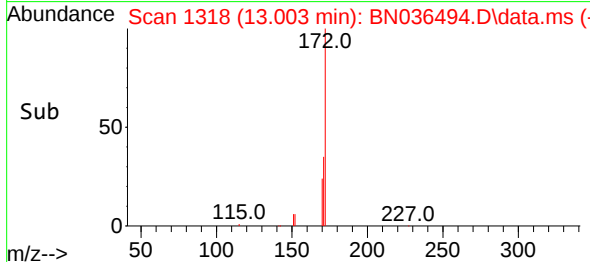
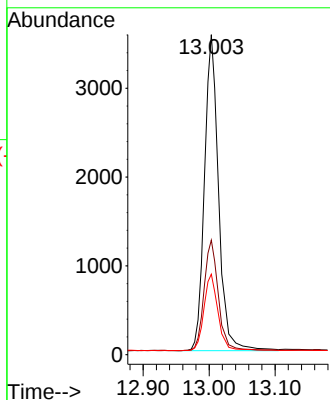
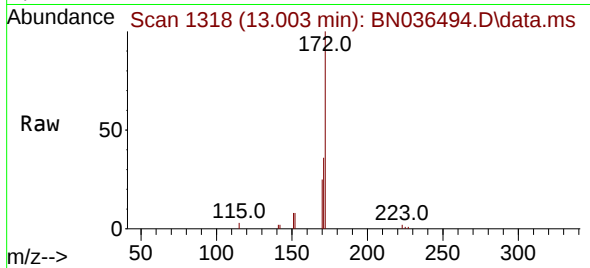




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN036494.D
Acq: 24 Feb 2025 12:01

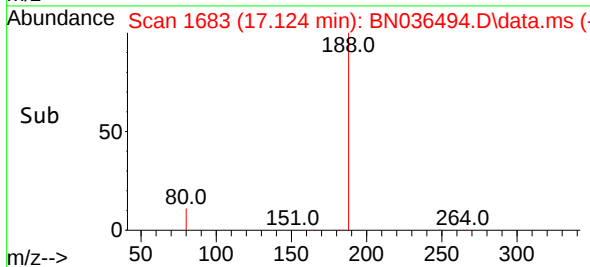
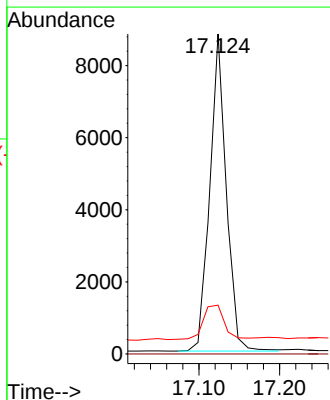
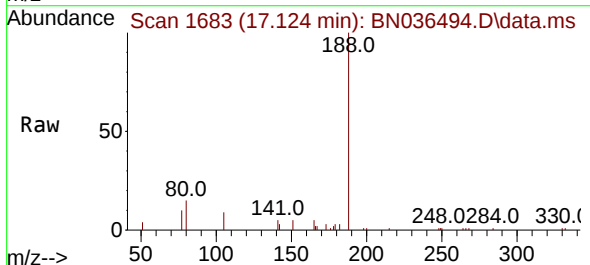
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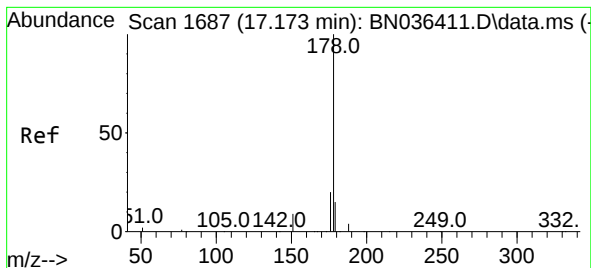
Tgt Ion:172	Resp:	6504
Ion Ratio	Lower	Upper
172	100	
171	35.8	29.6 44.4
170	25.2	19.8 29.6



#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

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# 1

Delta R.T. -0.012 min

Lab File: BN036494.D

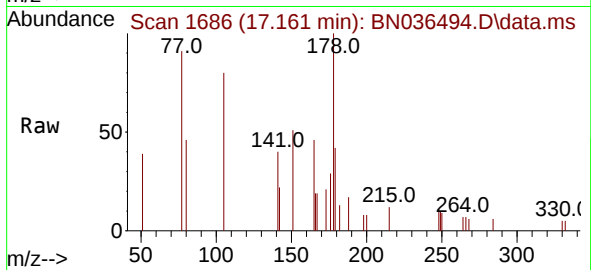
Acq: 24 Feb 2025 12:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-825-827



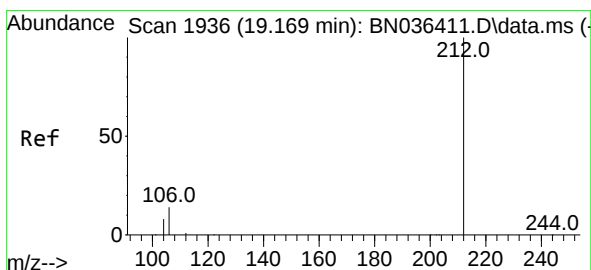
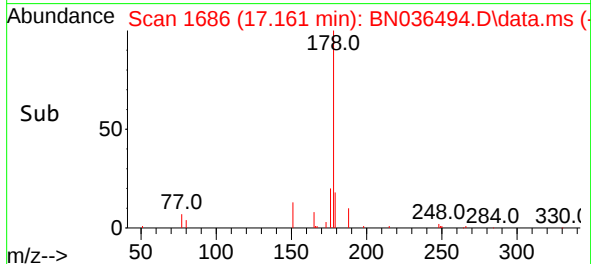
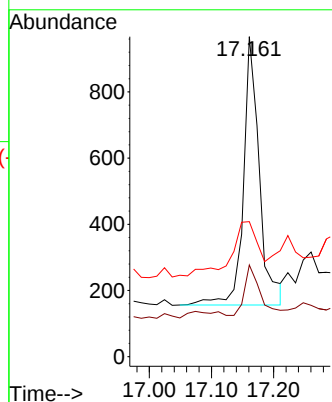
Tgt Ion:178 Resp: 1446

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

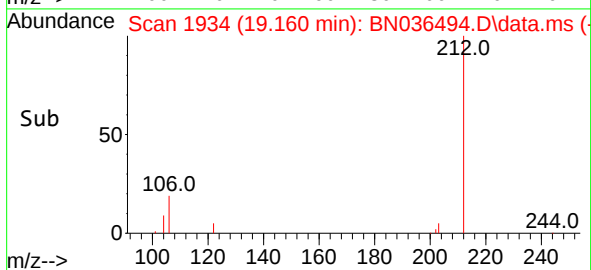
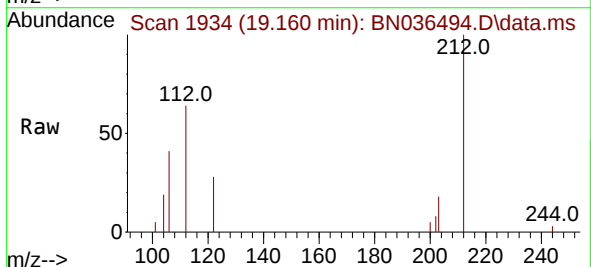
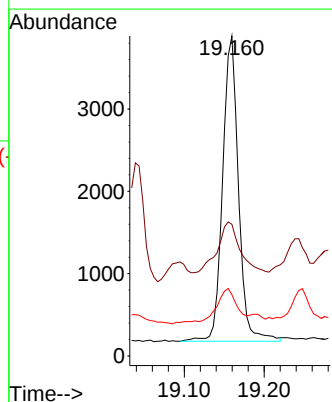
Tgt Ion:212 Resp: 5125

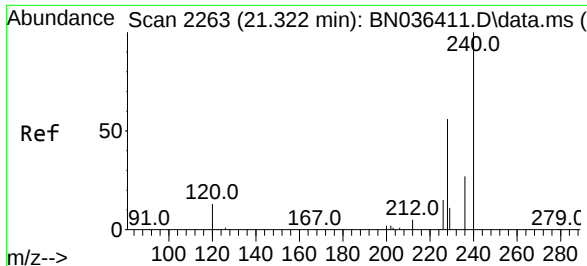
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.009 min

Lab File: BN036494.D

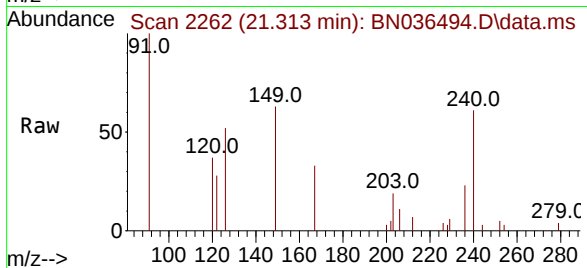
Acq: 24 Feb 2025 12:01

Instrument :

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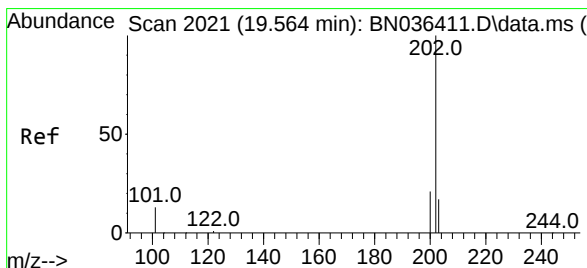
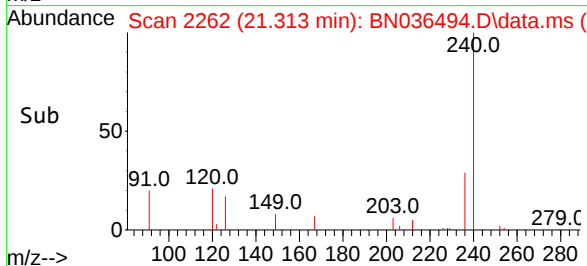
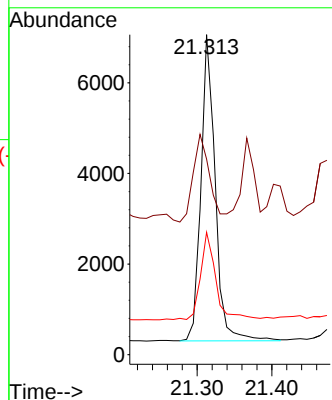
Tgt Ion:240 Resp: 9000

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# 2018

Delta R.T. -0.014 min

Lab File: BN036494.D

Acq: 24 Feb 2025 12:01

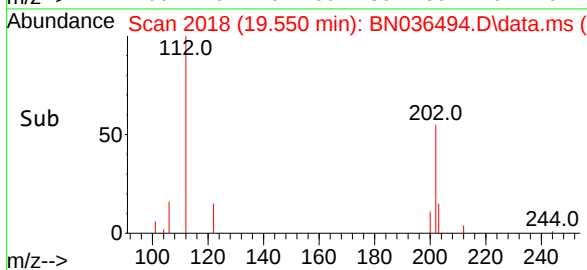
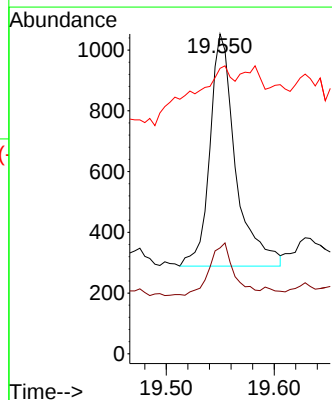
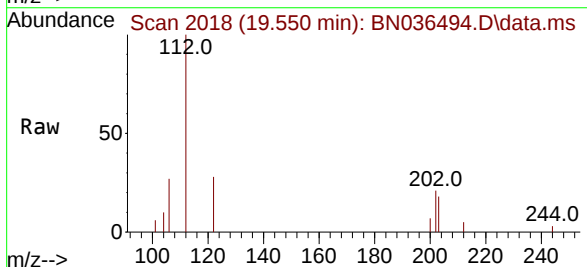
Tgt Ion:202 Resp: 1269

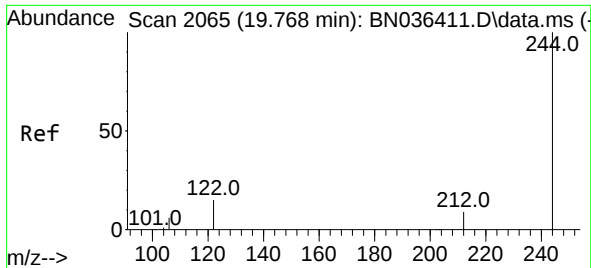
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 41.8 13.9 20.9#

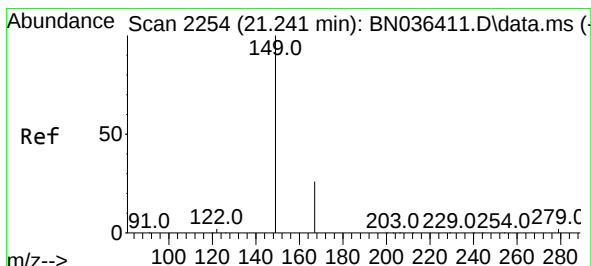
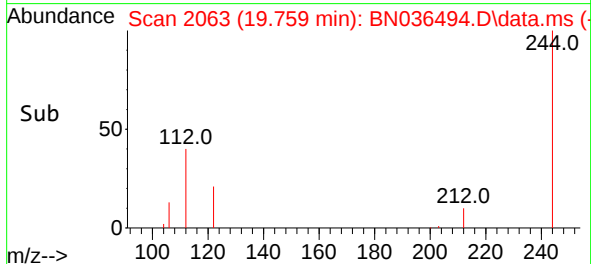
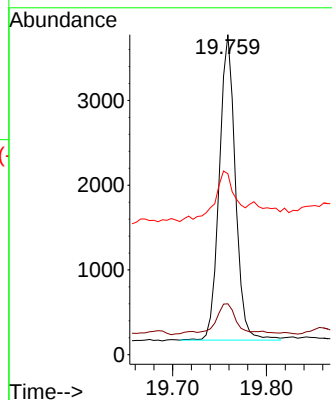
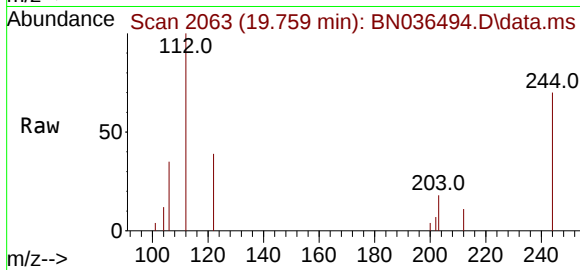




#31
 Terphenyl-d14
 Concen: 0.224 ng
 RT: 19.759 min Scan# 2063
 Delta R.T. -0.009 min
 Lab File: BN036494.D
 Acq: 24 Feb 2025 12:01

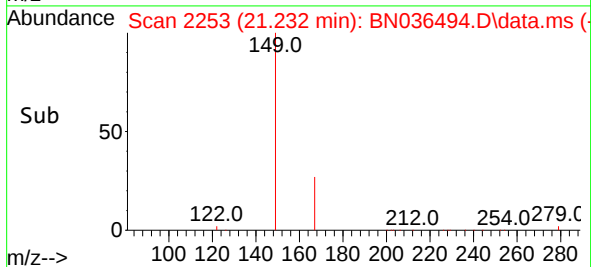
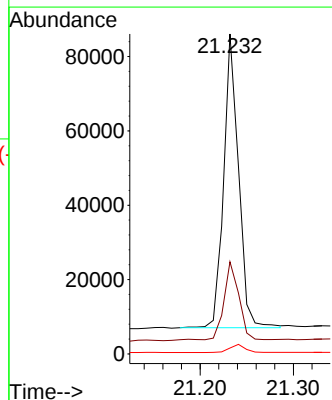
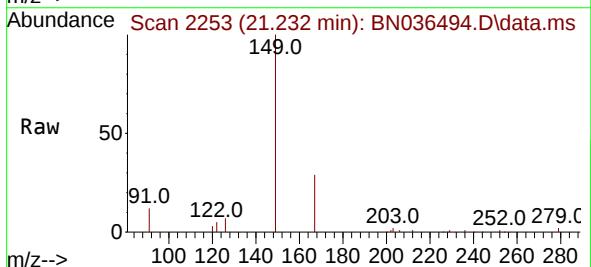
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-825-827

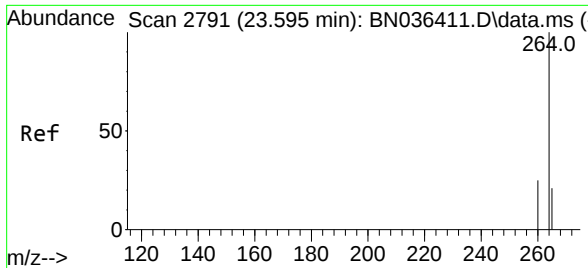
Tgt Ion:244 Resp: 4305
 Ion Ratio Lower Upper
 244 100
 212 15.9 8.1 12.1#
 122 56.5 12.8 19.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 4.722 ng
 RT: 21.232 min Scan# 2253
 Delta R.T. -0.009 min
 Lab File: BN036494.D
 Acq: 24 Feb 2025 12:01

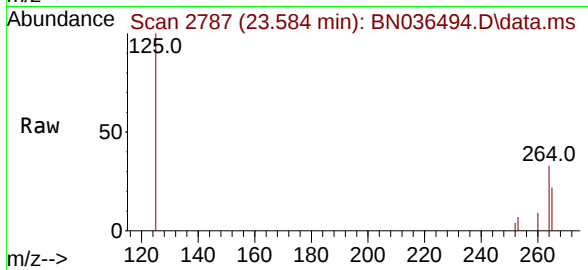
Tgt Ion:149 Resp: 87131
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.2 31.8
 279 2.9 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.584 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN036494.D
 Acq: 24 Feb 2025 12:01

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



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

