

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
 Data File : BN038292.D
 Acq On : 06 Dec 2025 02:45
 Operator : RC/JU
 Sample : Q3756-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-190-120225

Quant Time: Dec 06 03:23:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

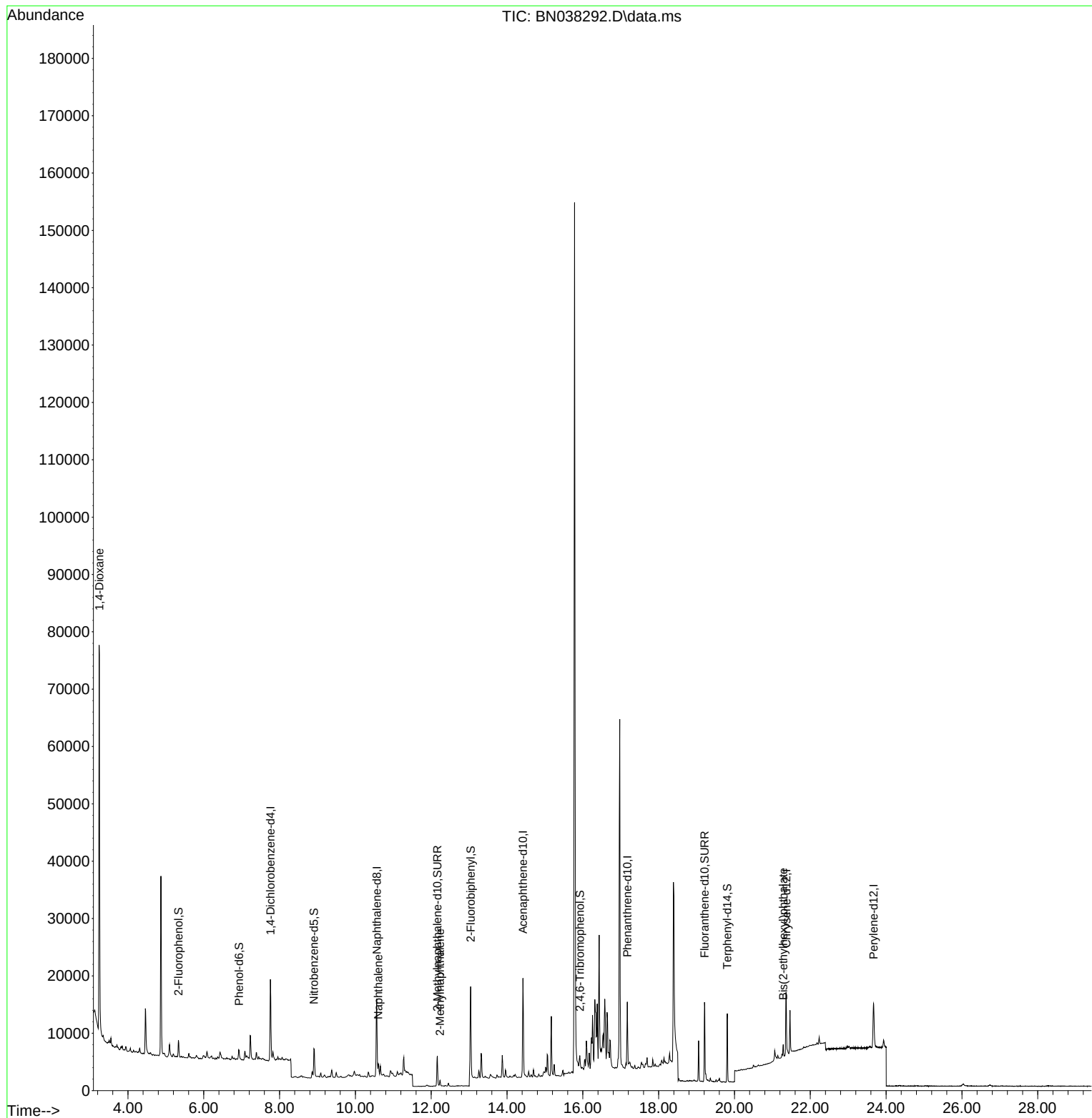
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	6614	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	18511	0.400	ng	-0.01
13) Acenaphthene-d10	14.420	164	9412	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	15199	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	11302	0.400	ng	# 0.00
35) Perylene-d12	23.668	264	11529	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	2324	0.150	ng	0.00
5) Phenol-d6	6.930	99	1715	0.089	ng	0.00
8) Nitrobenzene-d5	8.907	82	4814	0.325	ng	-0.01
11) 2-Methylnaphthalene-d10	12.161	152	7493	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1370	0.463	ng	-0.01
15) 2-Fluorobiphenyl	13.040	172	12474	0.343	ng	-0.01
27) Fluoranthene-d10	19.211	212	14055	0.426	ng	0.00
31) Terphenyl-d14	19.810	244	10834	0.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	41238	5.919	ng	98
9) Naphthalene	10.605	128	2979	0.058	ng	# 91
12) 2-Methylnaphthalene	12.232	142	719	0.021	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.286	149	2038	0.097	ng	# 98

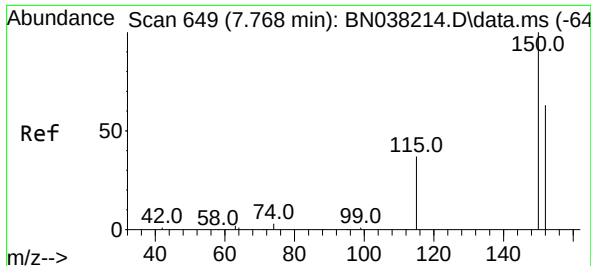
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
Data File : BN038292.D
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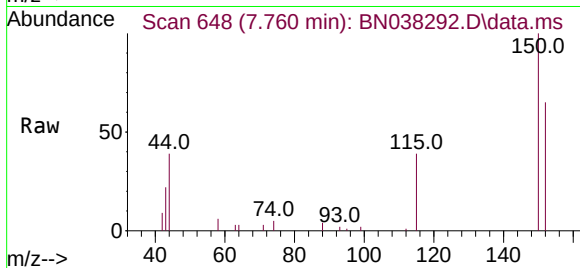
Quant Time: Dec 06 03:23:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
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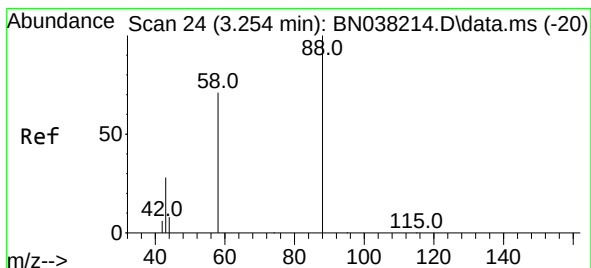
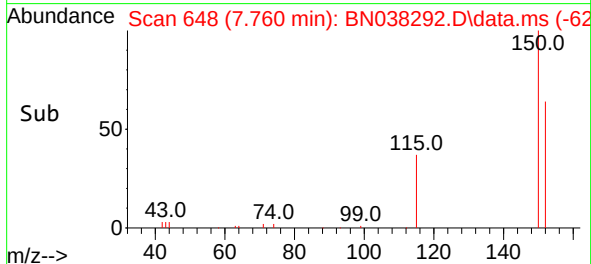
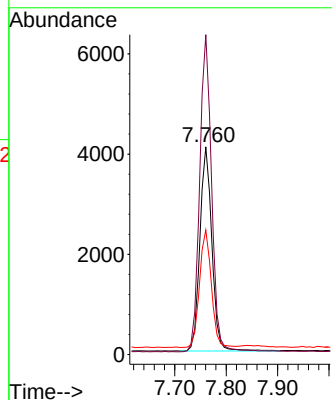


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.760 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN038292.D
 Acq: 06 Dec 2025 02:45

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-190-120225

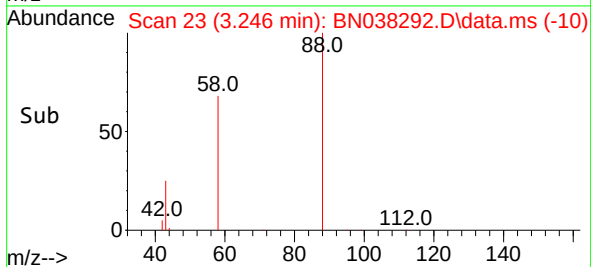
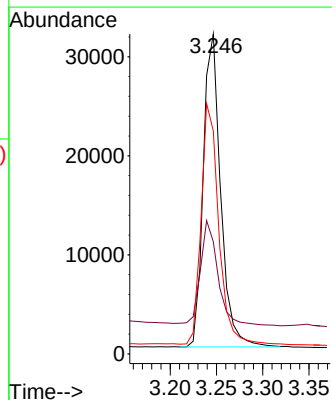
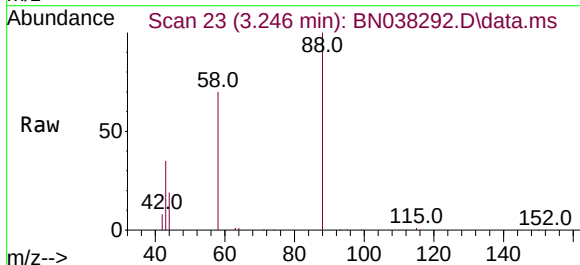


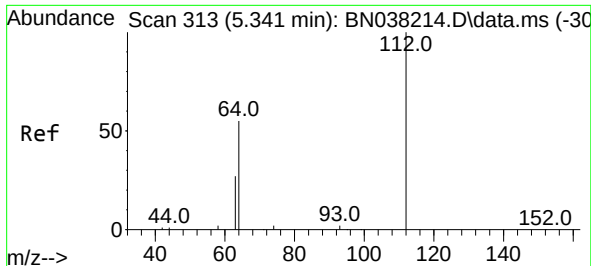
Tgt Ion:152 Resp: 6614
 Ion Ratio Lower Upper
 152 100
 150 154.0 125.3 187.9
 115 60.0 49.0 73.4



#2
 1,4-Dioxane
 Concen: 5.919 ng
 RT: 3.246 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038292.D
 Acq: 06 Dec 2025 02:45

Tgt Ion: 88 Resp: 41238
 Ion Ratio Lower Upper
 88 100
 43 34.4 24.8 37.2
 58 77.0 61.1 91.7

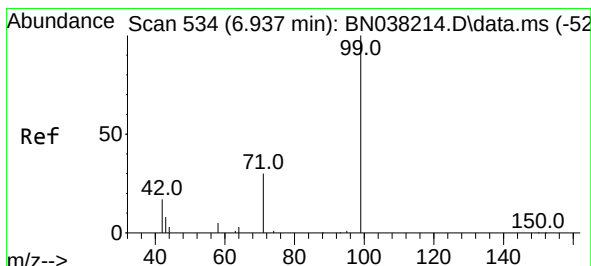
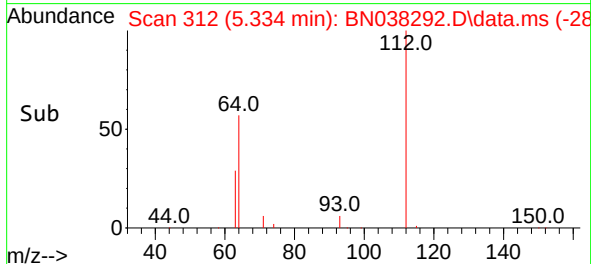
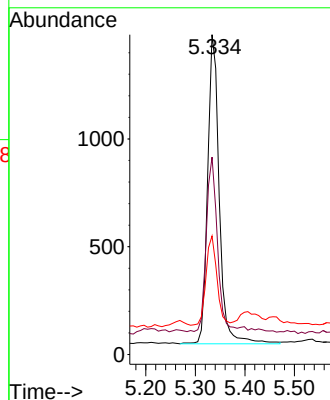
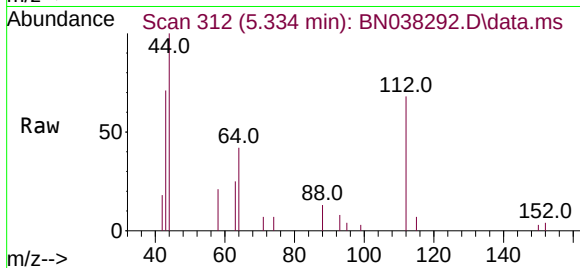




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.334 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

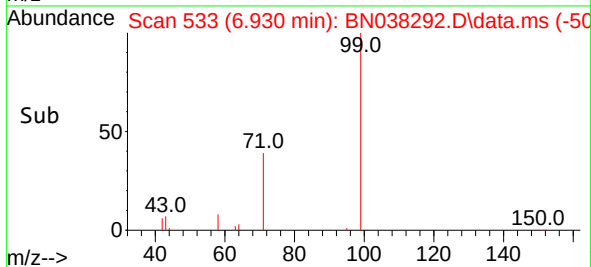
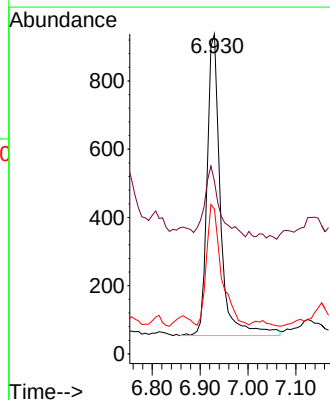
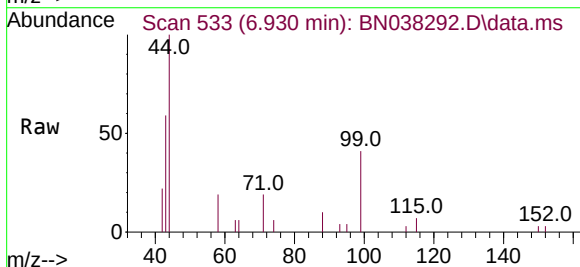
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

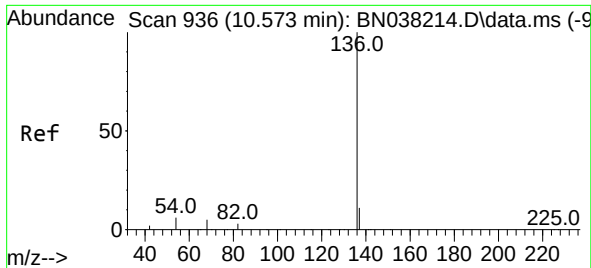
Tgt Ion:112 Resp: 2324
Ion Ratio Lower Upper
112 100
64 56.5 45.0 67.4
63 27.5 23.2 34.8



#5
Phenol-d6
Concen: 0.089 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion: 99 Resp: 1715
Ion Ratio Lower Upper
99 100
42 25.8 17.0 25.6#
71 44.8 25.4 38.2#

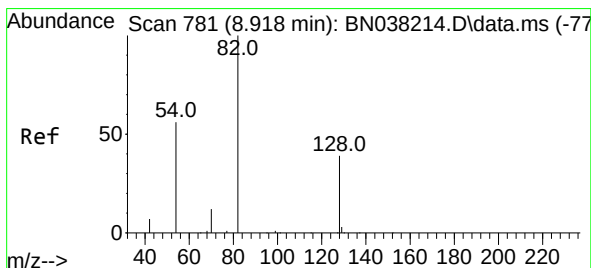
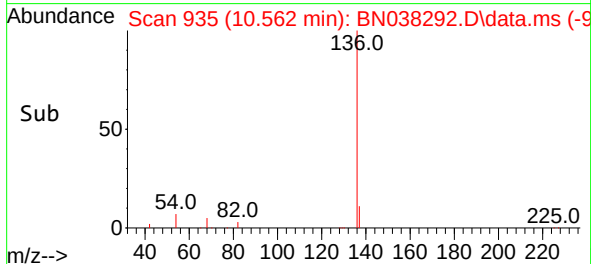
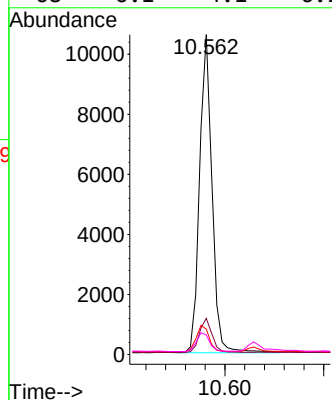
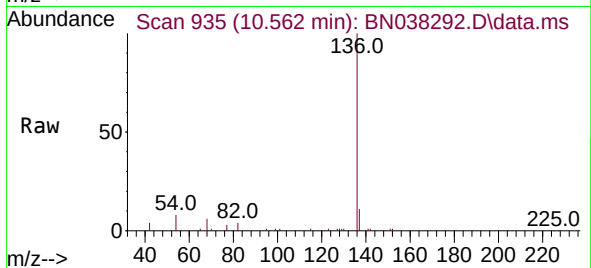




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

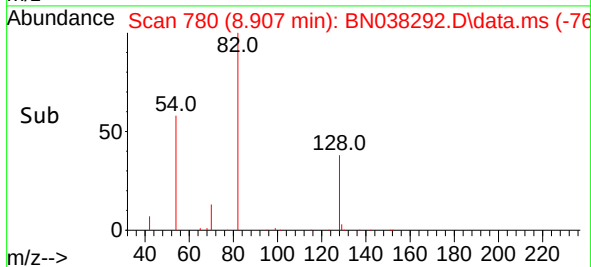
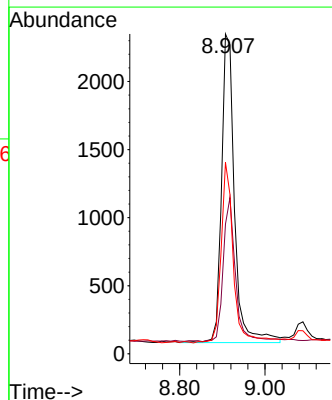
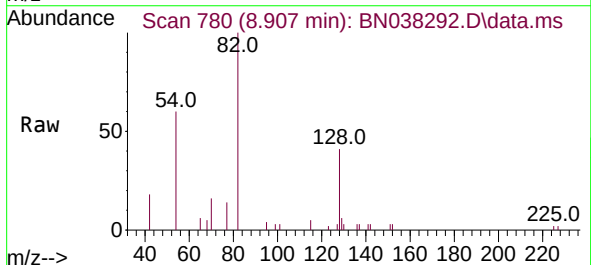
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

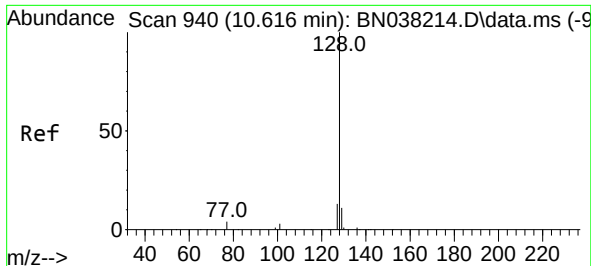
Tgt Ion:	136	Resp:	18511
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.0	5.4	8.0
68	6.1	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.907 min Scan# 780
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion:	82	Resp:	4814
Ion Ratio	Lower	Upper	
82	100		
128	40.6	32.6	48.8
54	59.8	45.4	68.0

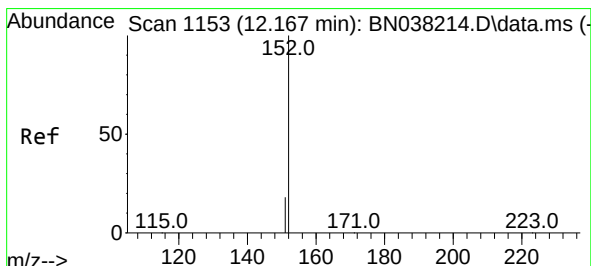
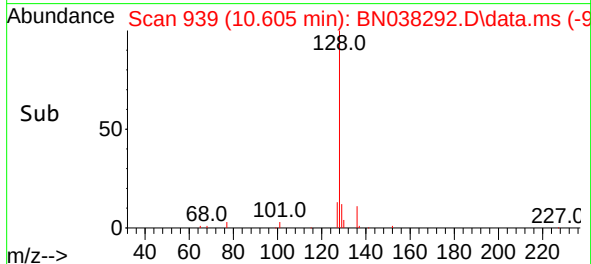
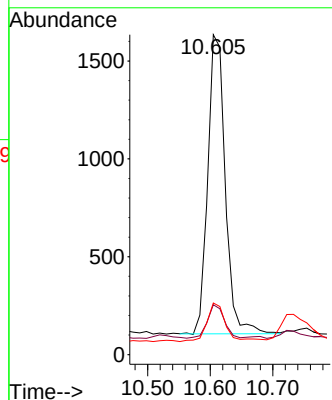
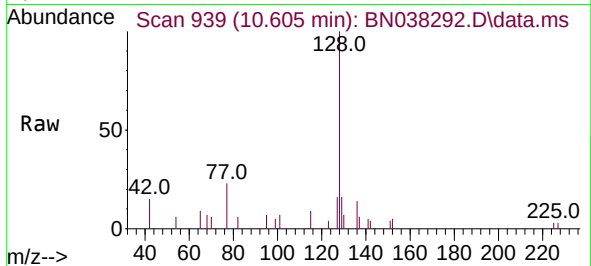




#9
Naphthalene
Concen: 0.058 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

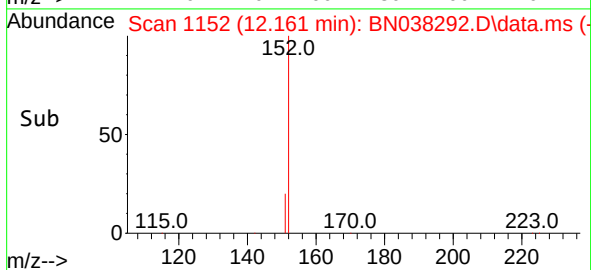
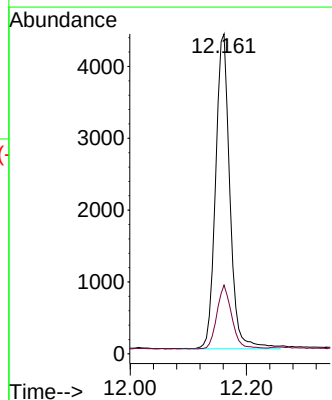
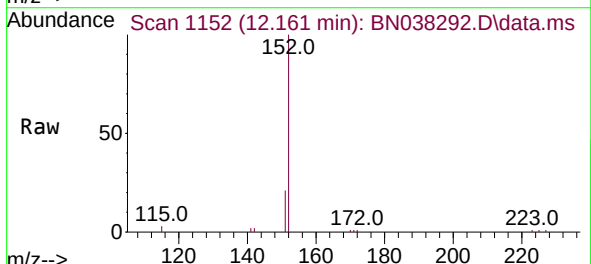
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

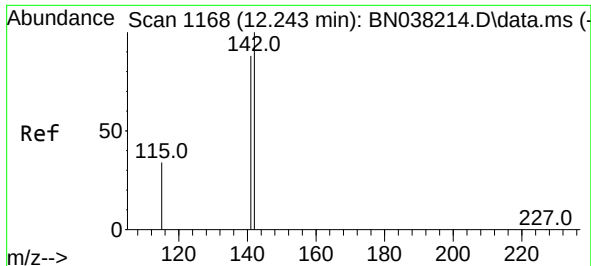
Tgt Ion:128 Resp: 2979
Ion Ratio Lower Upper
128 100
129 15.6 9.1 13.7#
127 16.1 10.6 16.0#



#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.161 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion:152 Resp: 7493
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1





#12

2-Methylnaphthalene

Concen: 0.021 ng

RT: 12.232 min Scan# 1166

Delta R.T. -0.011 min

Lab File: BN038292.D

Acq: 06 Dec 2025 02:45

Instrument :

BNA_N

ClientSampleId :

BR-01-190-120225

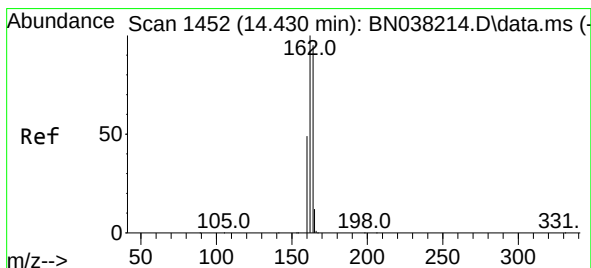
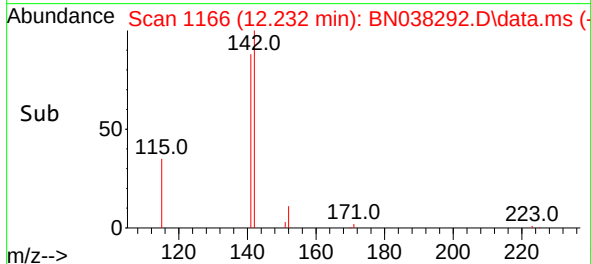
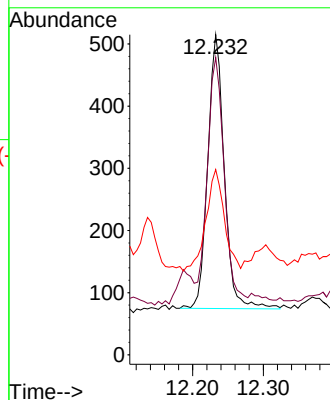
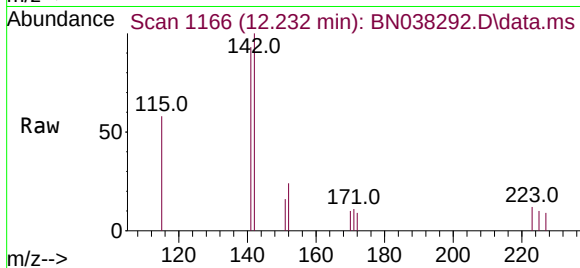
Tgt Ion:142 Resp: 719

Ion Ratio Lower Upper

142 100

141 92.8 70.9 106.3

115 57.9 27.7 41.5#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.420 min Scan# 1451

Delta R.T. -0.011 min

Lab File: BN038292.D

Acq: 06 Dec 2025 02:45

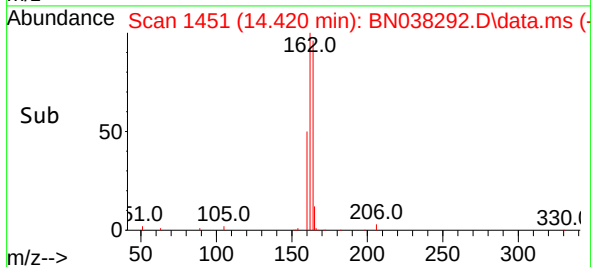
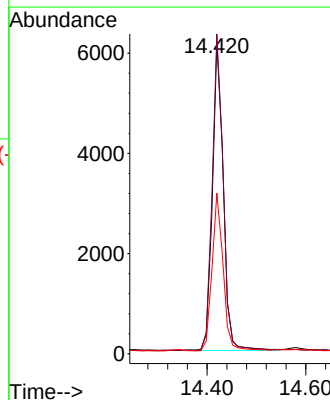
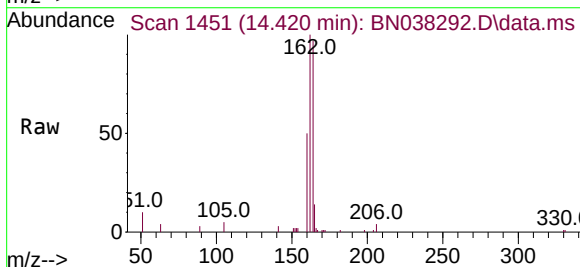
Tgt Ion:164 Resp: 9412

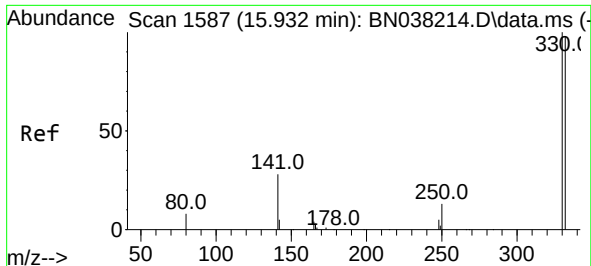
Ion Ratio Lower Upper

164 100

162 102.9 83.8 125.8

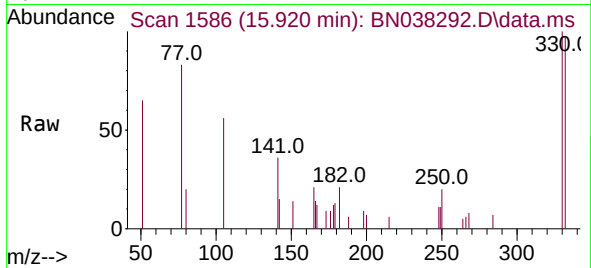
160 51.7 41.6 62.4



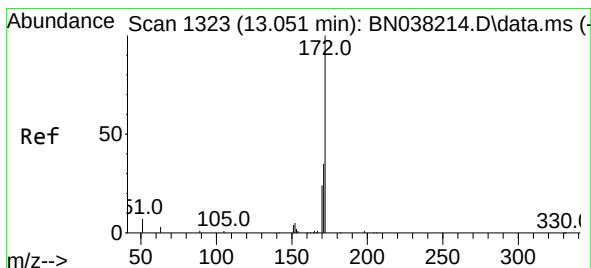
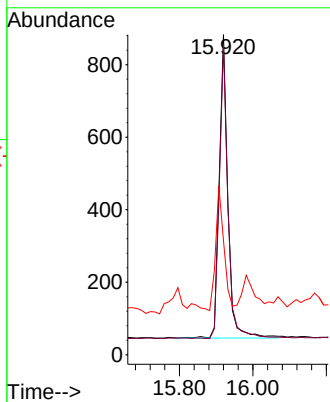
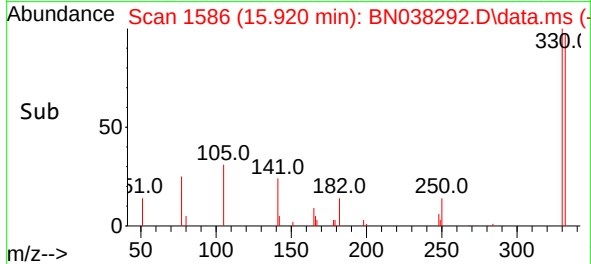


#14
2,4,6-Tribromophenol
Concen: 0.463 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

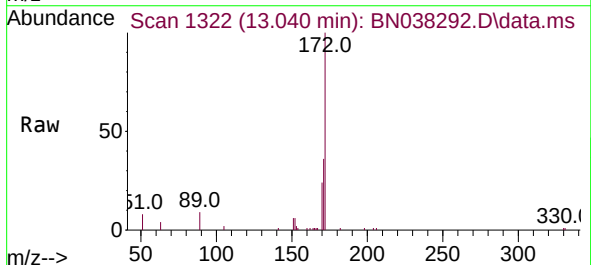
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225



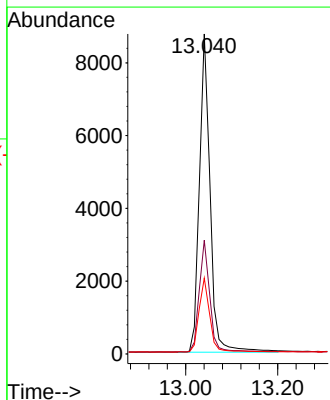
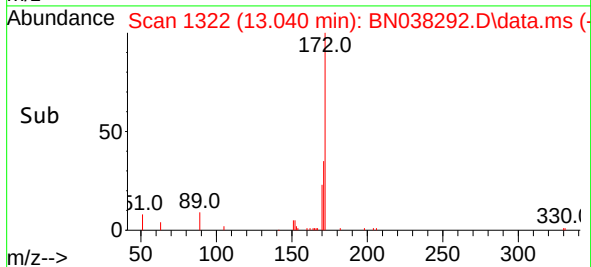
Tgt Ion: 330 Resp: 1370
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 37.7 33.0 49.4

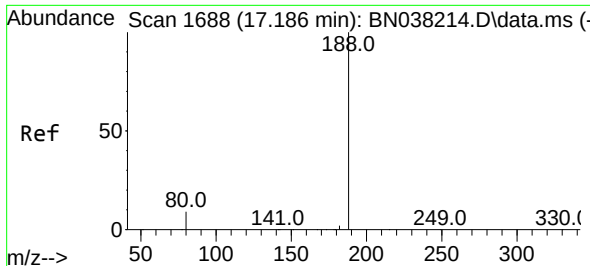


#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.040 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45



Tgt Ion: 172 Resp: 12474
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.7 19.1 28.7

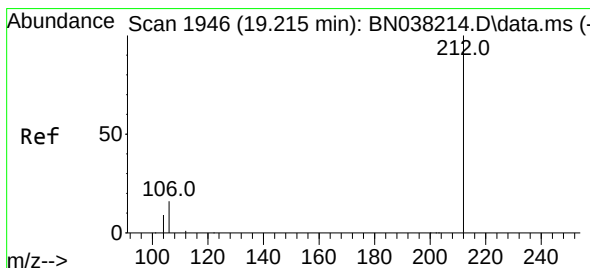
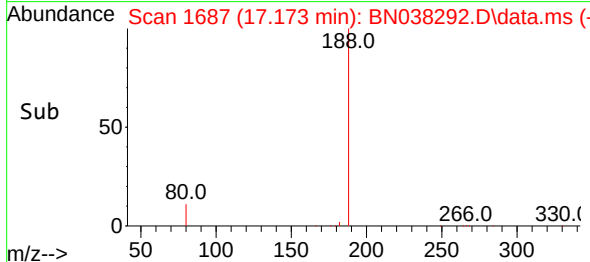
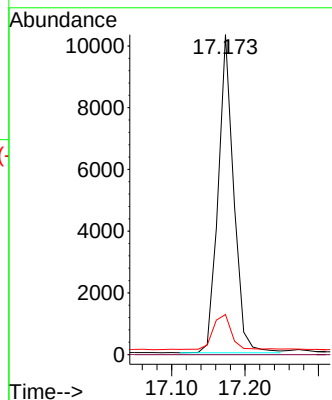
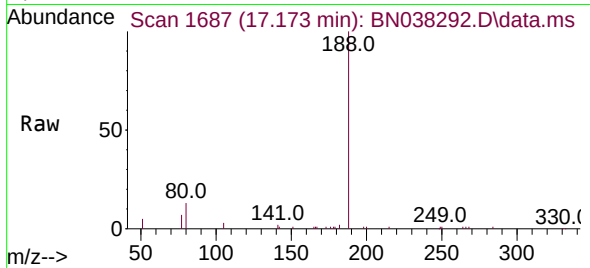




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1688
Delta R.T. -0.012 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

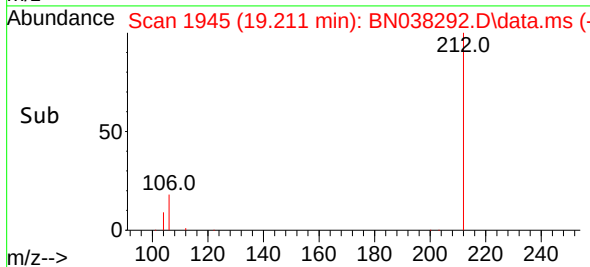
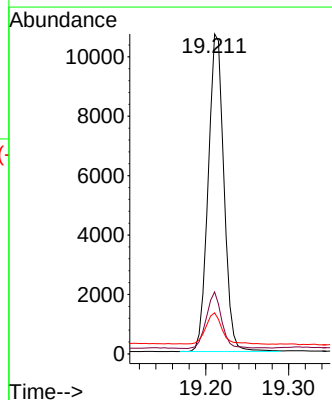
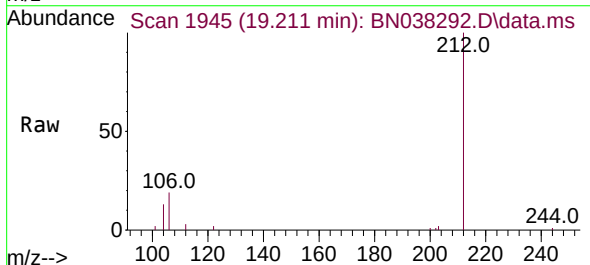
Instrument :
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BR-01-190-120225

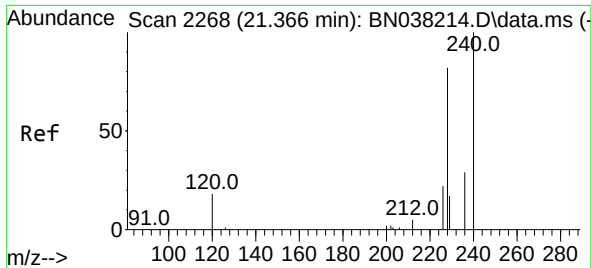
Tgt Ion:188 Resp: 15199
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 7.7 11.5#



#27
Fluoranthene-d10
Concen: 0.426 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion:212 Resp: 14055
Ion Ratio Lower Upper
212 100
106 17.4 12.7 19.1
104 10.2 7.3 10.9

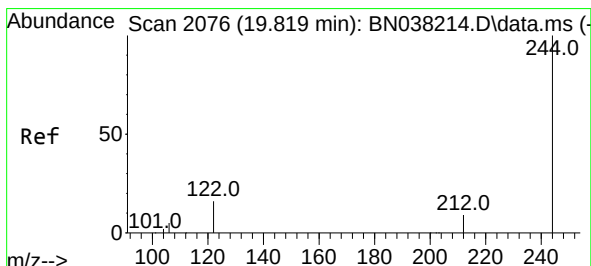
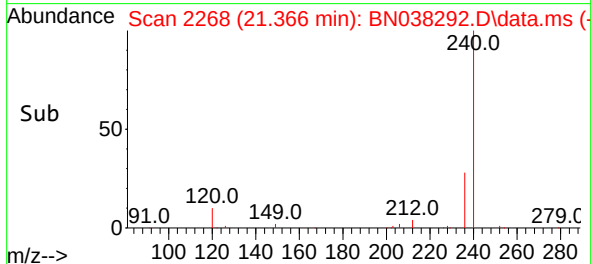
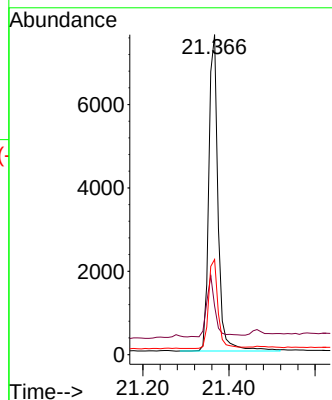
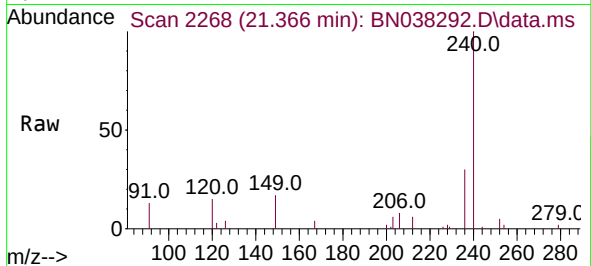




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

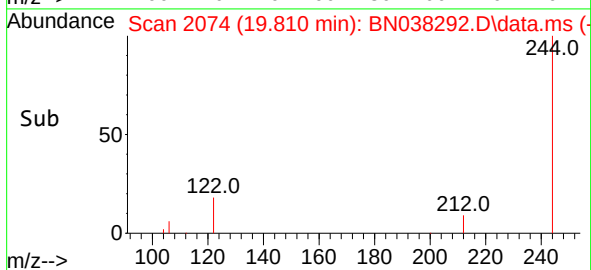
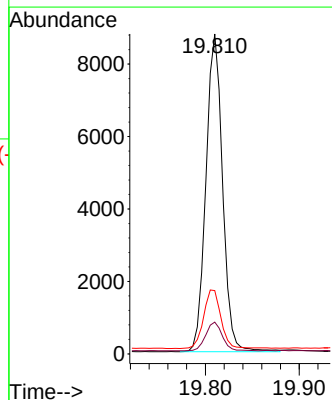
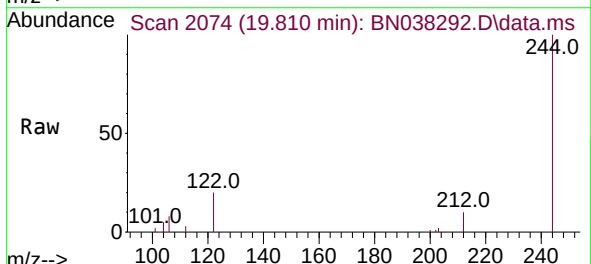
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

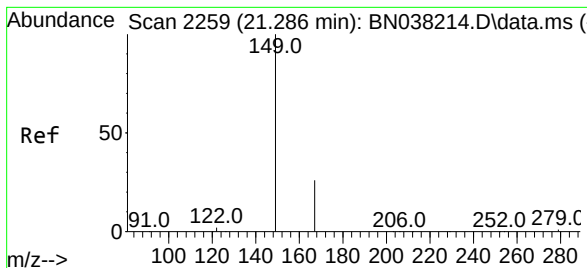
Tgt Ion:240 Resp: 11302
Ion Ratio Lower Upper
240 100
120 15.2 18.1 27.1#
236 29.7 24.2 36.4



#31
Terphenyl-d14
Concen: 0.415 ng
RT: 19.810 min Scan# 2074
Delta R.T. -0.009 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion:244 Resp: 10834
Ion Ratio Lower Upper
244 100
212 10.0 7.7 11.5
122 19.8 13.6 20.4

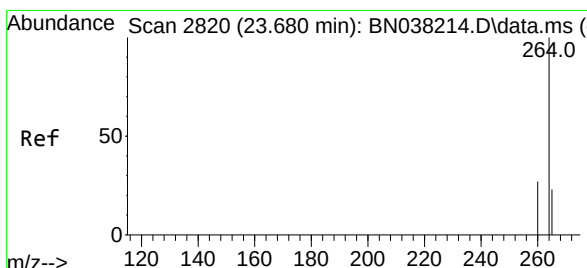
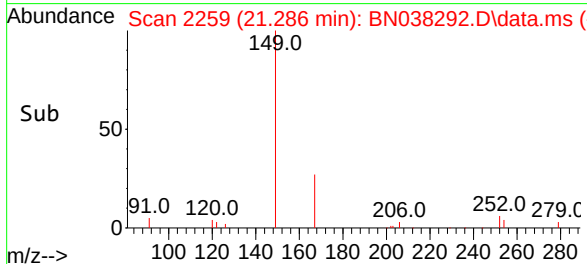
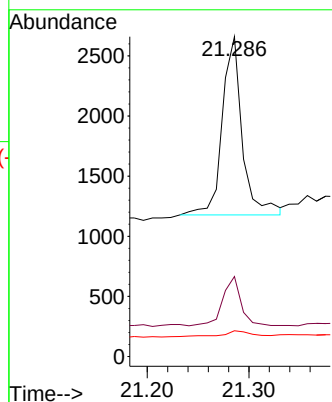
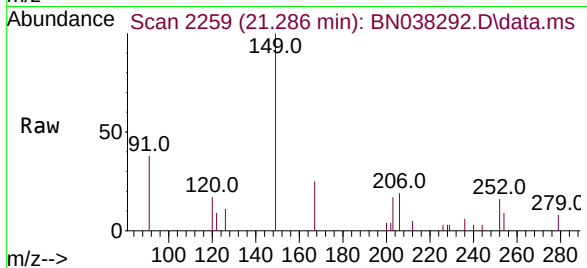




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.286 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN038292.D
 Acq: 06 Dec 2025 02:45

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-190-120225

Tgt Ion:149 Resp: 2038
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.7 31.1
 279 4.3 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.668 min Scan# 2816
 Delta R.T. -0.012 min
 Lab File: BN038292.D
 Acq: 06 Dec 2025 02:45

Tgt Ion:264 Resp: 11529
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.7 32.5
 265 108.1 98.0 147.0

