

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038325.D
 Acq On : 11 Dec 2025 19:40
 Operator : RC/JU
 Sample : Q3788-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-01B-66.5-120525

Quant Time: Dec 12 00:10:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

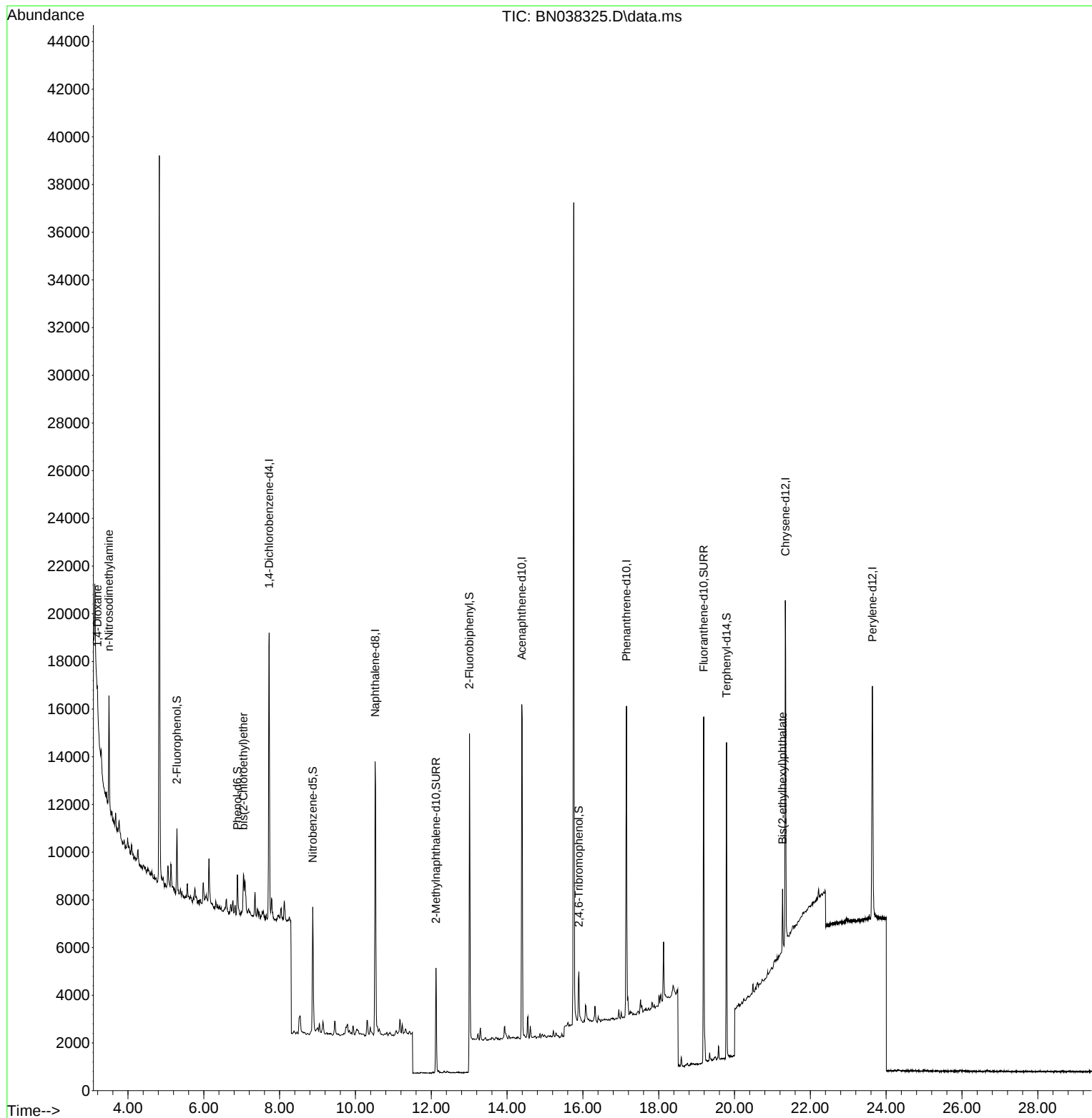
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5784	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15998	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8662	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	16764	0.400	ng	0.00
29) Chrysene-d12	21.340	240	13742	0.400	ng	# 0.00
35) Perylene-d12	23.636	264	13571	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	2104	0.146	ng	0.00
5) Phenol-d6	6.887	99	1545	0.090	ng	0.00
8) Nitrobenzene-d5	8.875	82	4453	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	6020	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1270	0.330	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	11355	0.272	ng	0.00
27) Fluoranthene-d10	19.188	212	15855	0.382	ng	0.00
31) Terphenyl-d14	19.787	244	12212	0.398	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.196	88	506	0.076	ng	# 63
3) n-Nitrosodimethylamine	3.499	42	434	0.052	ng	# 6
6) bis(2-Chloroethyl)ether	7.046	93	3476	0.208	ng	# 26
34) Bis(2-ethylhexyl)phtha...	21.268	149	2401	0.082	ng	# 98

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

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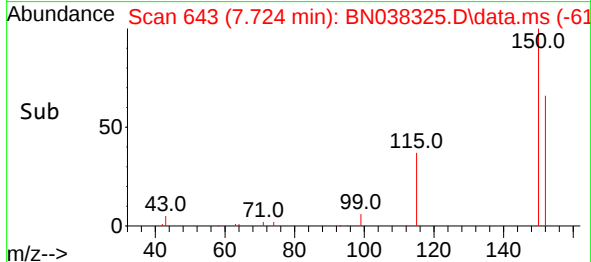
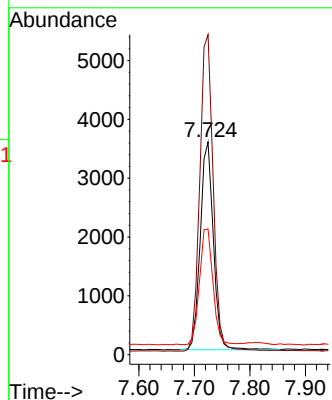
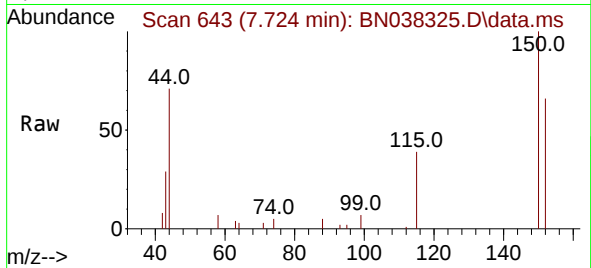




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038325.D
 Acq: 11 Dec 2025 19:40

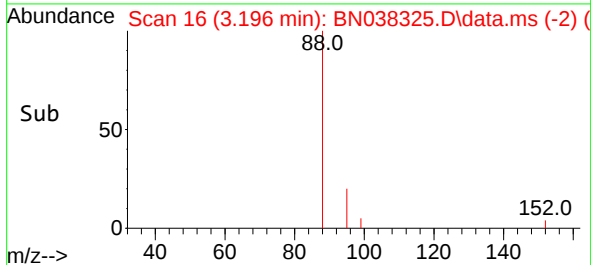
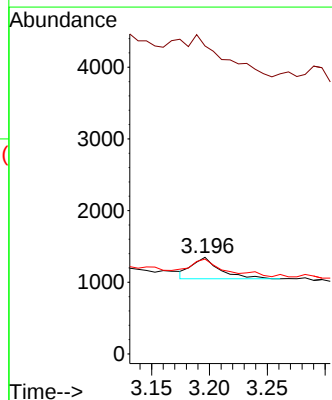
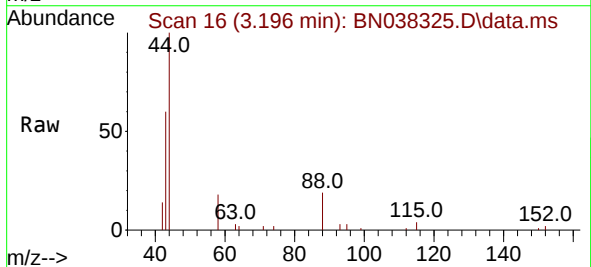
Instrument :
 BNA_N
 ClientSampleId :
 OW-01B-66.5-120525

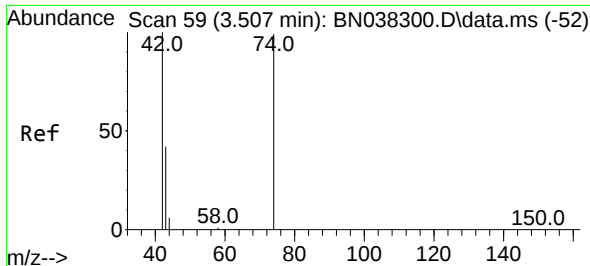
Tgt Ion:152 Resp: 5784
 Ion Ratio Lower Upper
 152 100
 150 150.5 122.4 183.6
 115 59.1 47.3 70.9



#2
 1,4-Dioxane
 Concen: 0.076 ng
 RT: 3.196 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: BN038325.D
 Acq: 11 Dec 2025 19:40

Tgt Ion: 88 Resp: 506
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.9 37.3#
 58 101.8 61.4 92.0#

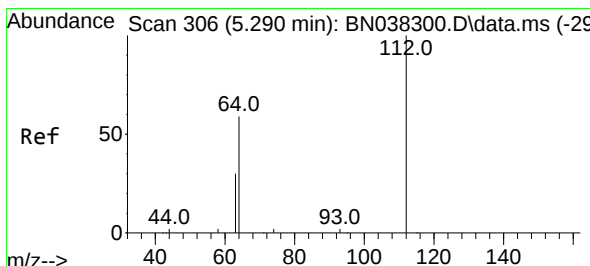
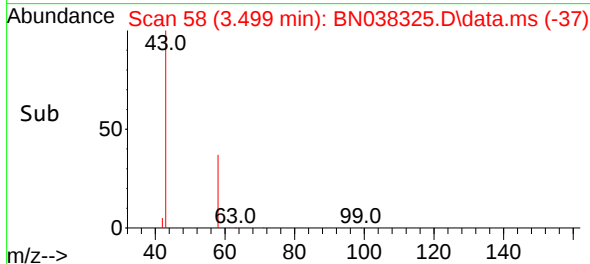
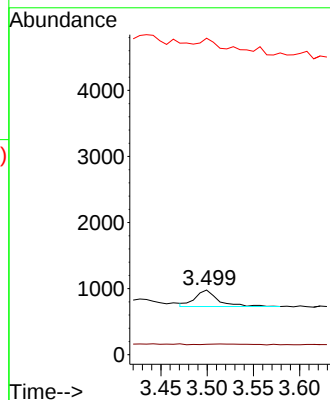
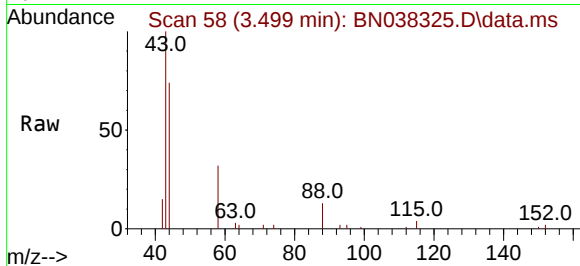




#3
n-Nitrosodimethylamine
Concen: 0.052 ng
RT: 3.499 min Scan# 59
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

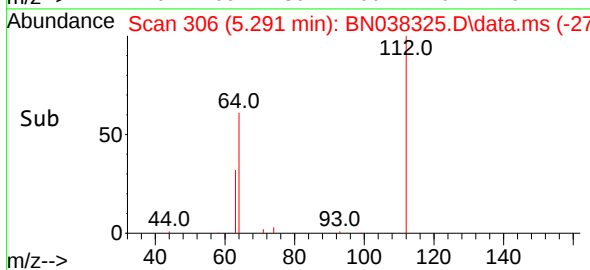
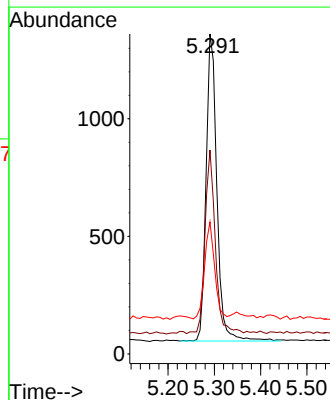
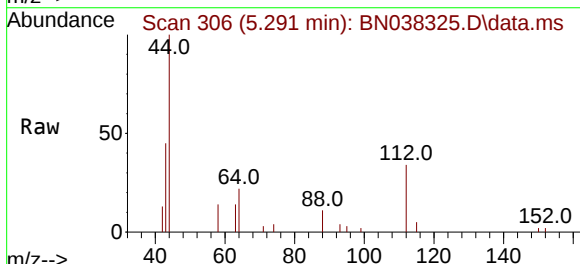
Instrument :
BNA_N
ClientSampleId :
OW-01B-66.5-120525

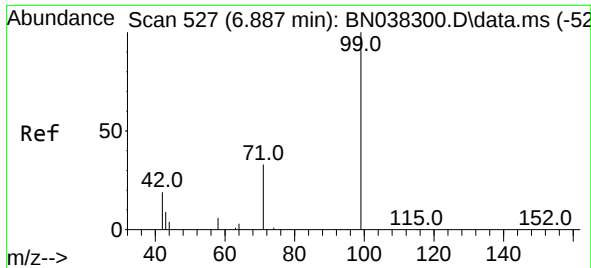
Tgt Ion: 42 Resp: 434
Ion Ratio Lower Upper
42 100
74 8.8 95.3 142.9#
44 0.0 7.9 11.9#



#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

Tgt Ion: 112 Resp: 2104
Ion Ratio Lower Upper
112 100
64 57.4 44.4 66.6
63 29.7 23.4 35.0

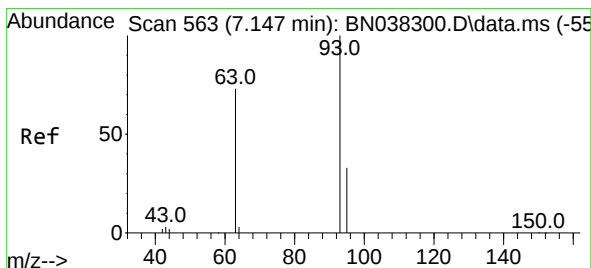
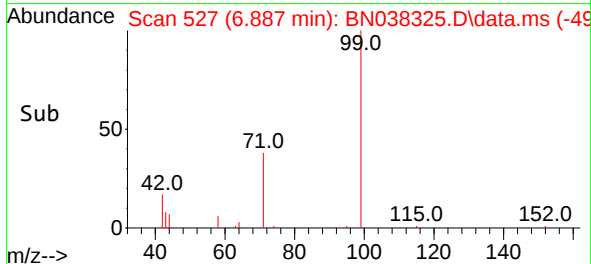
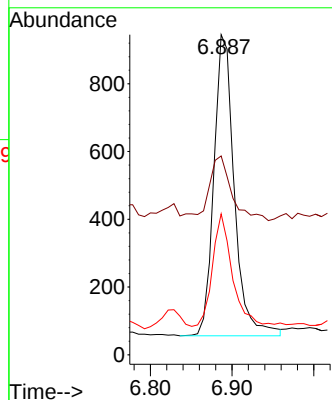
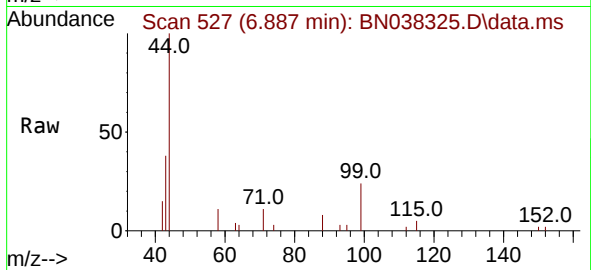




#5
Phenol-d6
Concen: 0.090 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

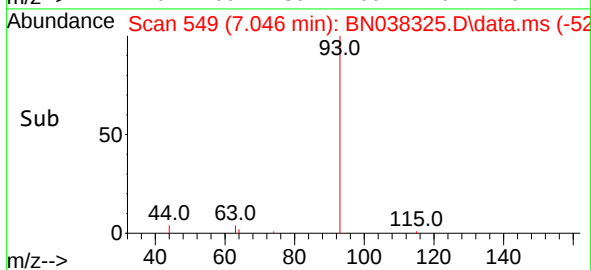
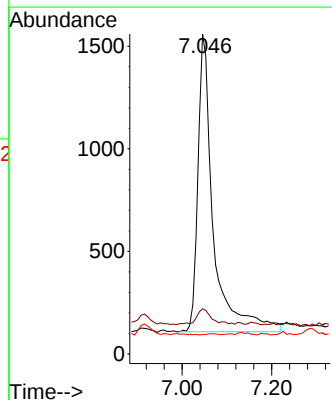
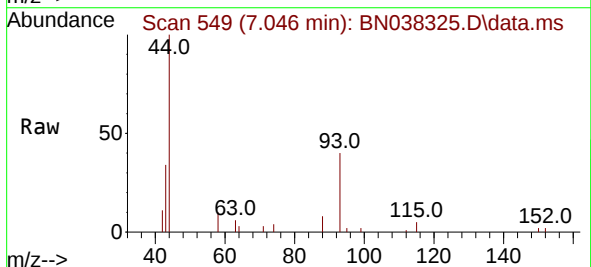
Instrument :
BNA_N
ClientSampleId :
OW-01B-66.5-120525

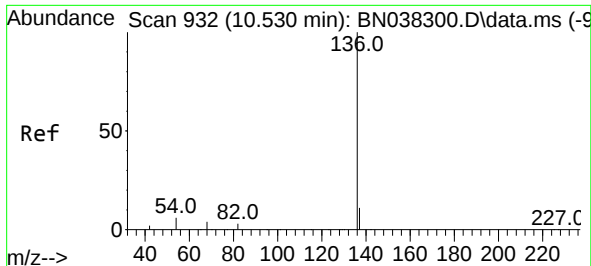
Tgt Ion:	99	Resp:	1545
Ion	Ratio	Lower	Upper
99	100		
42	23.2	16.5	24.7
71	36.6	24.9	37.3



#6
bis(2-Chloroethyl)ether
Concen: 0.208 ng
RT: 7.046 min Scan# 549
Delta R.T. -0.101 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

Tgt Ion:	93	Resp:	3476
Ion	Ratio	Lower	Upper
93	100		
63	5.3	59.2	88.8#
95	0.3	25.2	37.8#

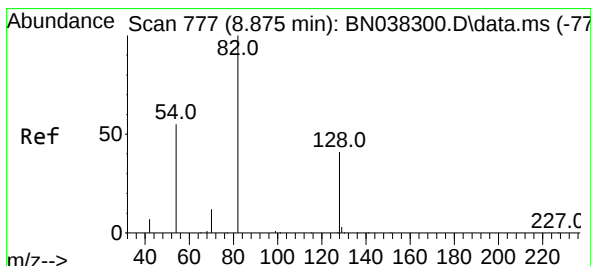
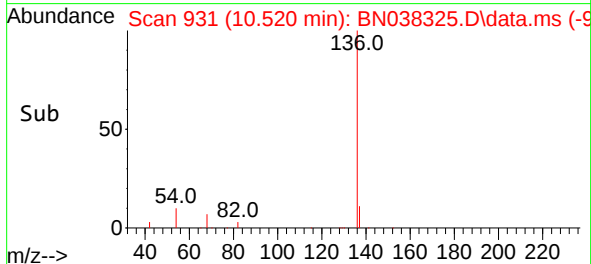
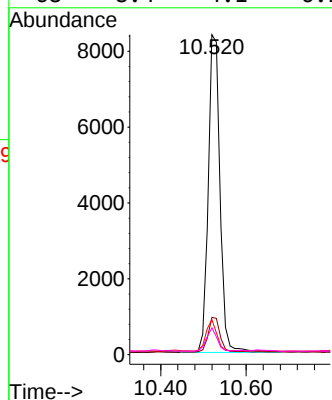
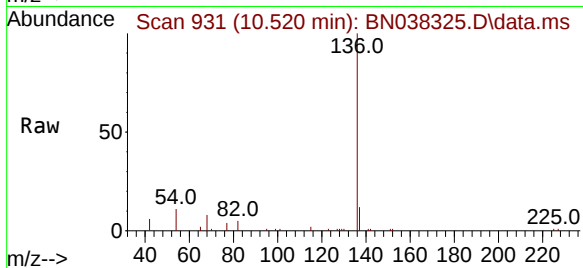




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

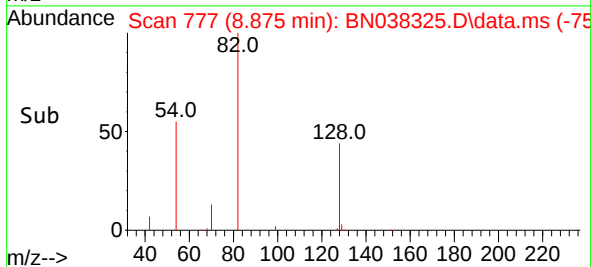
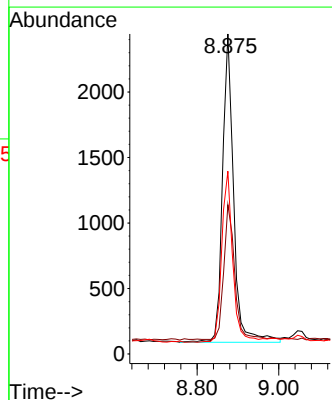
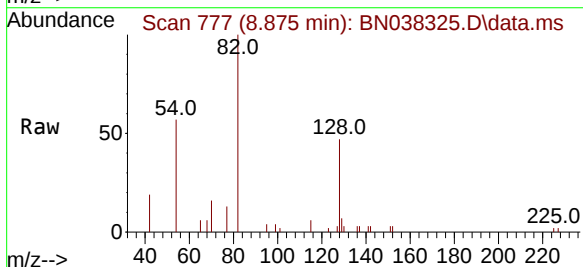
Instrument :
BNA_N
ClientSampleId :
OW-01B-66.5-120525

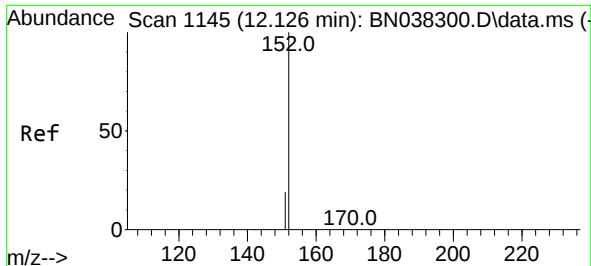
Tgt Ion:136	Resp:	15998
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.1 13.7
54	11.0	5.2 7.8#
68	8.4	4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

Tgt Ion: 82	Resp:	4453
Ion Ratio	Lower	Upper
82	100	
128	46.7	34.0 51.0
54	57.1	44.4 66.6

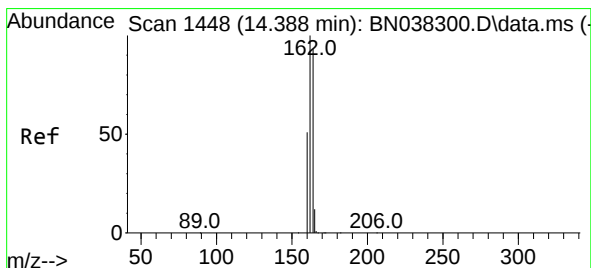
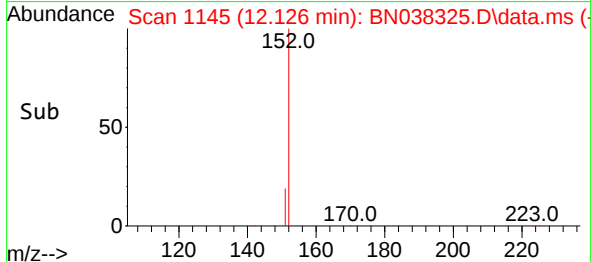
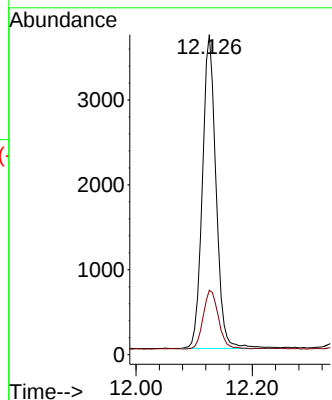
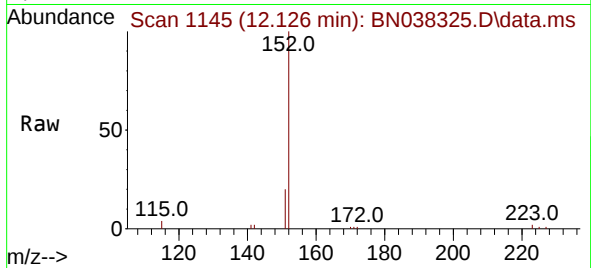




#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

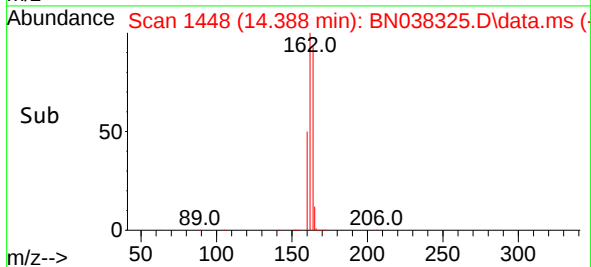
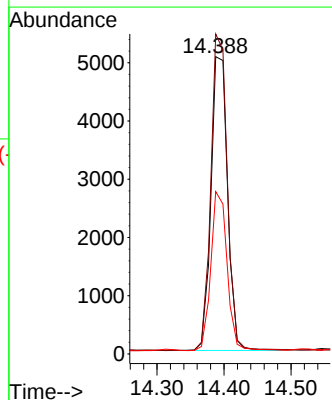
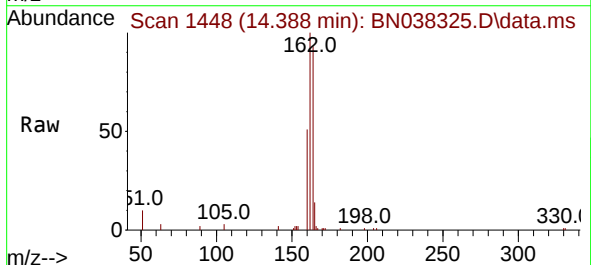
Instrument :
BNA_N
ClientSampleId :
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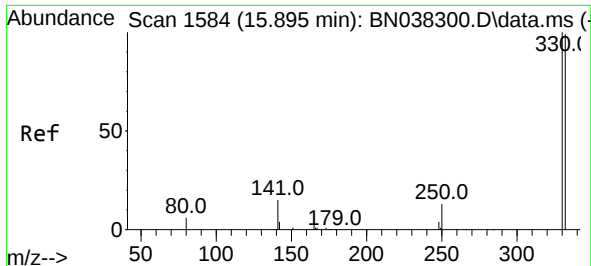
Tgt Ion:152 Resp: 6020
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

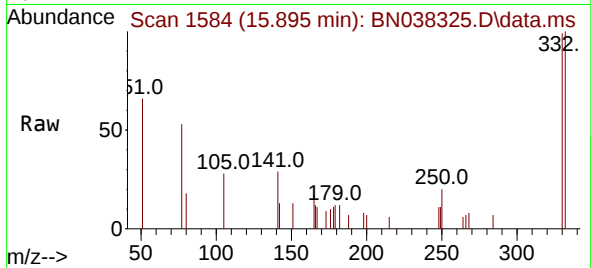
Tgt Ion:164 Resp: 8662
Ion Ratio Lower Upper
164 100
162 107.6 86.2 129.4
160 54.6 44.6 67.0



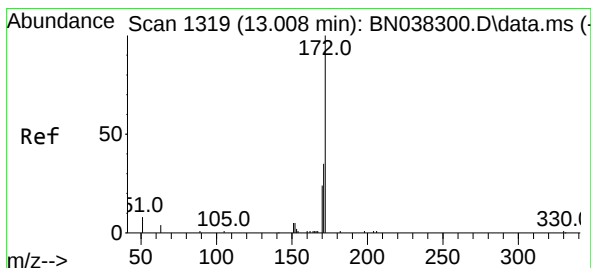
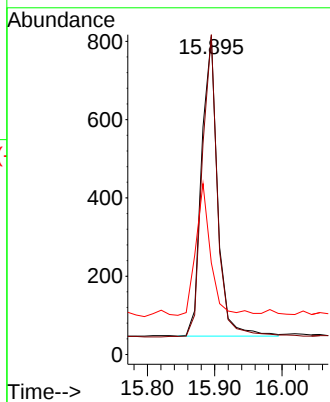
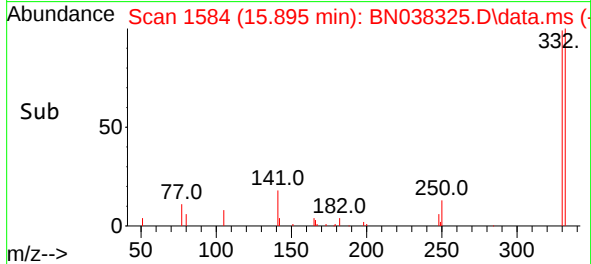


#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

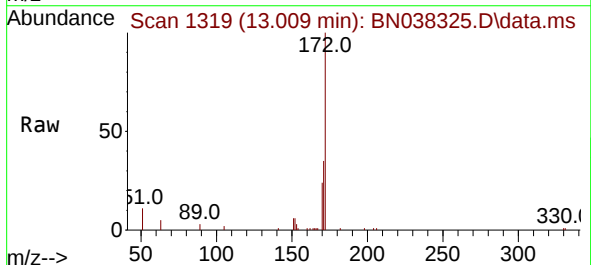
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BNA_N
ClientSampleId :
OW-01B-66.5-120525



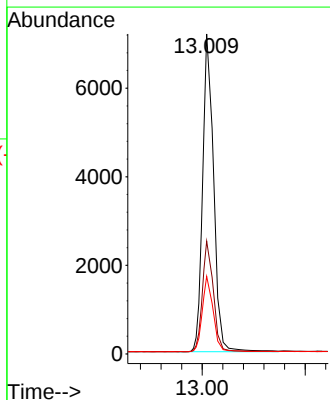
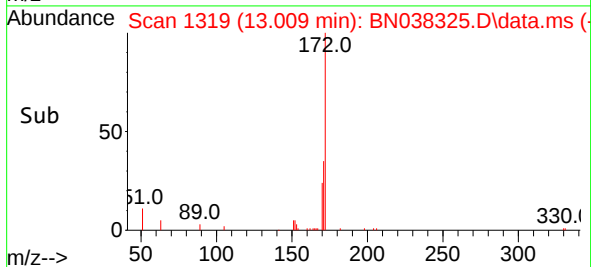
Tgt Ion:330 Resp: 1270
Ion Ratio Lower Upper
330 100
332 97.6 75.8 113.6
141 41.1 31.8 47.8

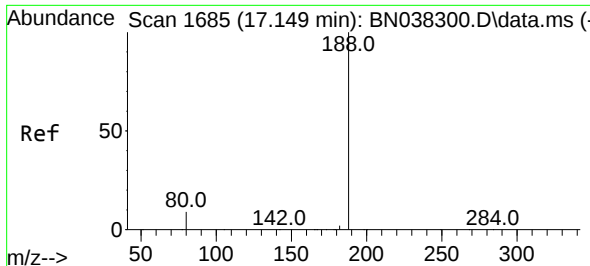


#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.009 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40



Tgt Ion:172 Resp: 11355
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 24.2 19.3 28.9

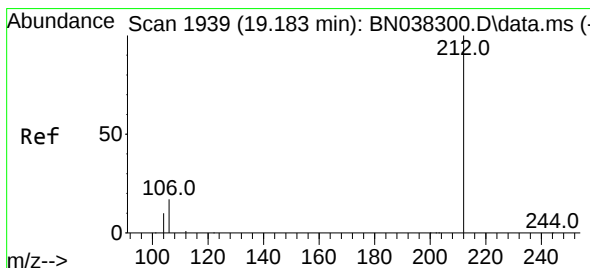
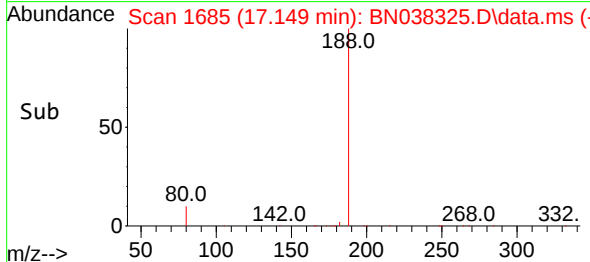
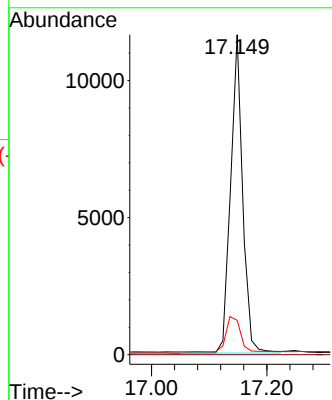
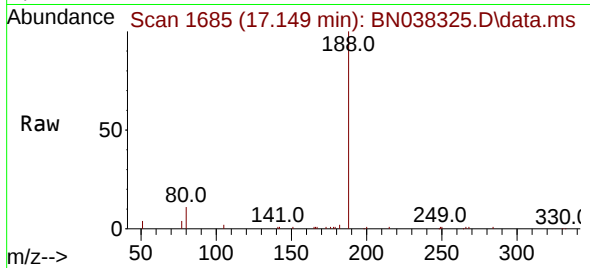




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

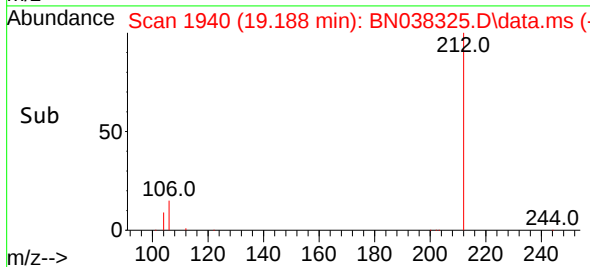
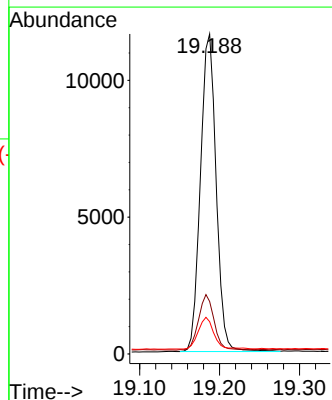
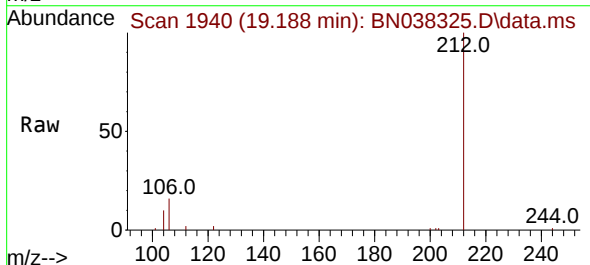
Instrument :
BNA_N
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OW-01B-66.5-120525

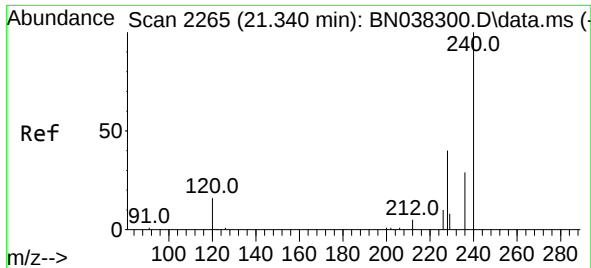
Tgt Ion:188 Resp: 16764
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.188 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

Tgt Ion:212 Resp: 15855
Ion Ratio Lower Upper
212 100
106 17.2 13.7 20.5
104 9.9 7.8 11.8

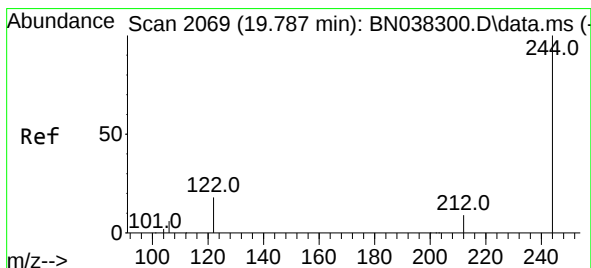
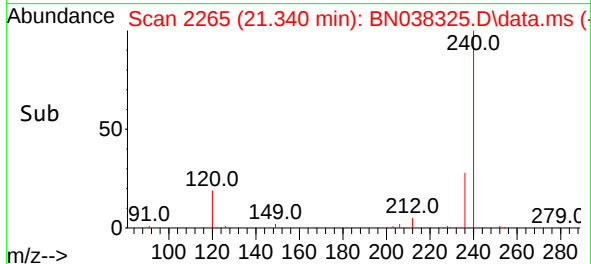
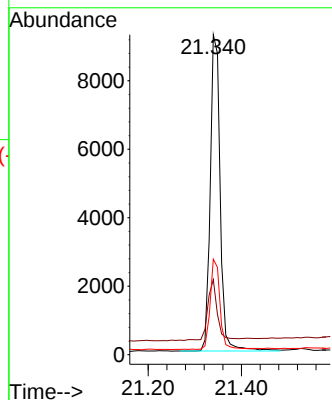
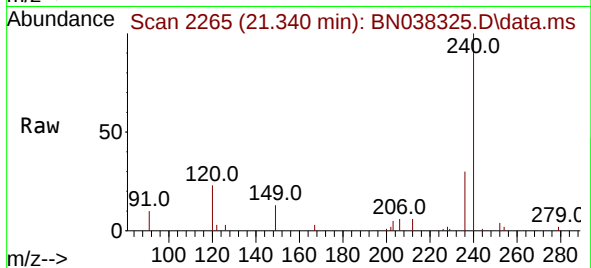




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

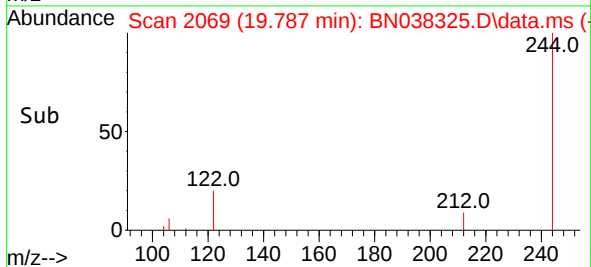
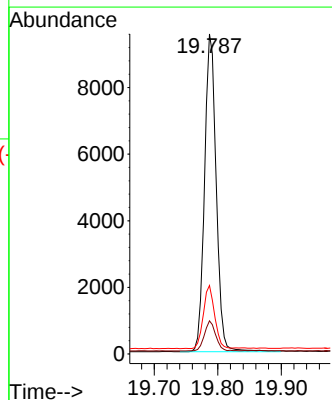
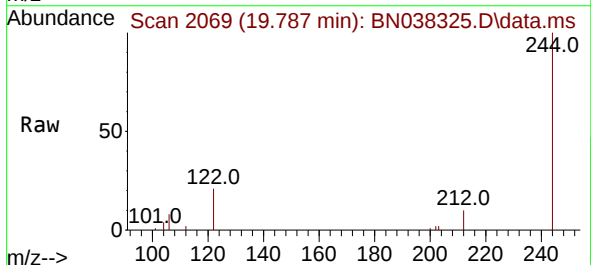
Instrument :
BNA_N
ClientSampleId :
OW-01B-66.5-120525

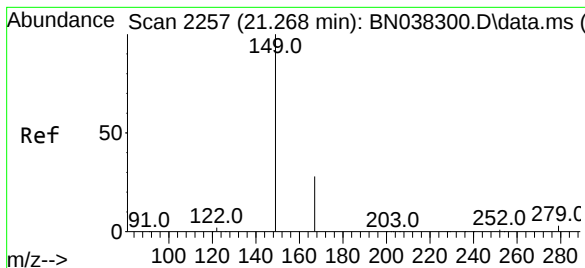
Tgt Ion:240 Resp: 13742
Ion Ratio Lower Upper
240 100
120 23.5 15.4 23.2#
236 29.8 23.9 35.9



#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038325.D
Acq: 11 Dec 2025 19:40

Tgt Ion:244 Resp: 12212
Ion Ratio Lower Upper
244 100
212 10.4 7.9 11.9
122 21.4 15.0 22.6

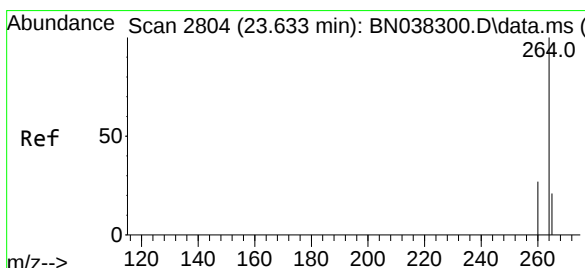
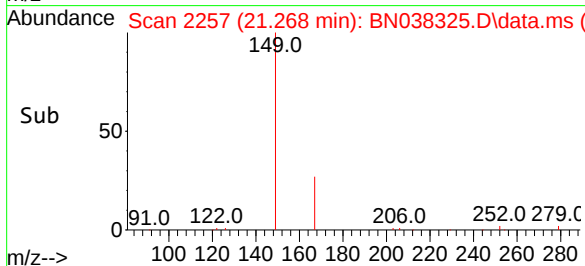
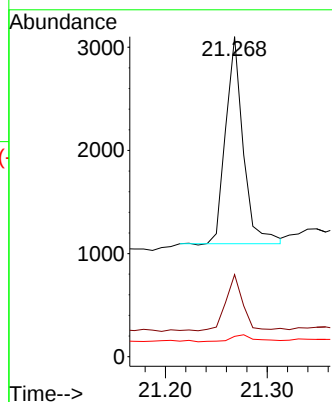
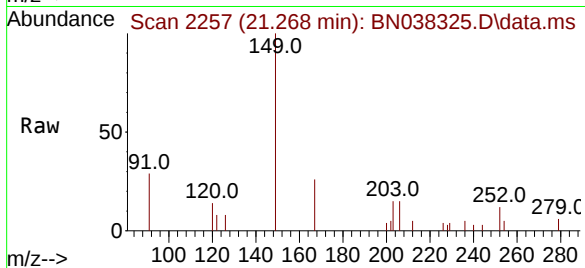




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.268 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN038325.D
 Acq: 11 Dec 2025 19:40

Instrument :
 BNA_N
 ClientSampleId :
 OW-01B-66.5-120525

Tgt Ion:149 Resp: 2401
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.4 32.0
 279 4.7 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.636 min Scan# 2805
 Delta R.T. 0.003 min
 Lab File: BN038325.D
 Acq: 11 Dec 2025 19:40

Tgt Ion:264 Resp: 13571
 Ion Ratio Lower Upper
 264 100
 260 28.0 22.2 33.2
 265 87.6 80.2 120.2

