

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038194.D
 Acq On : 12 Nov 2025 16:11
 Operator : RC/JU
 Sample : Q3569-02DL 40X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-12DL

Quant Time: Nov 12 16:35:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

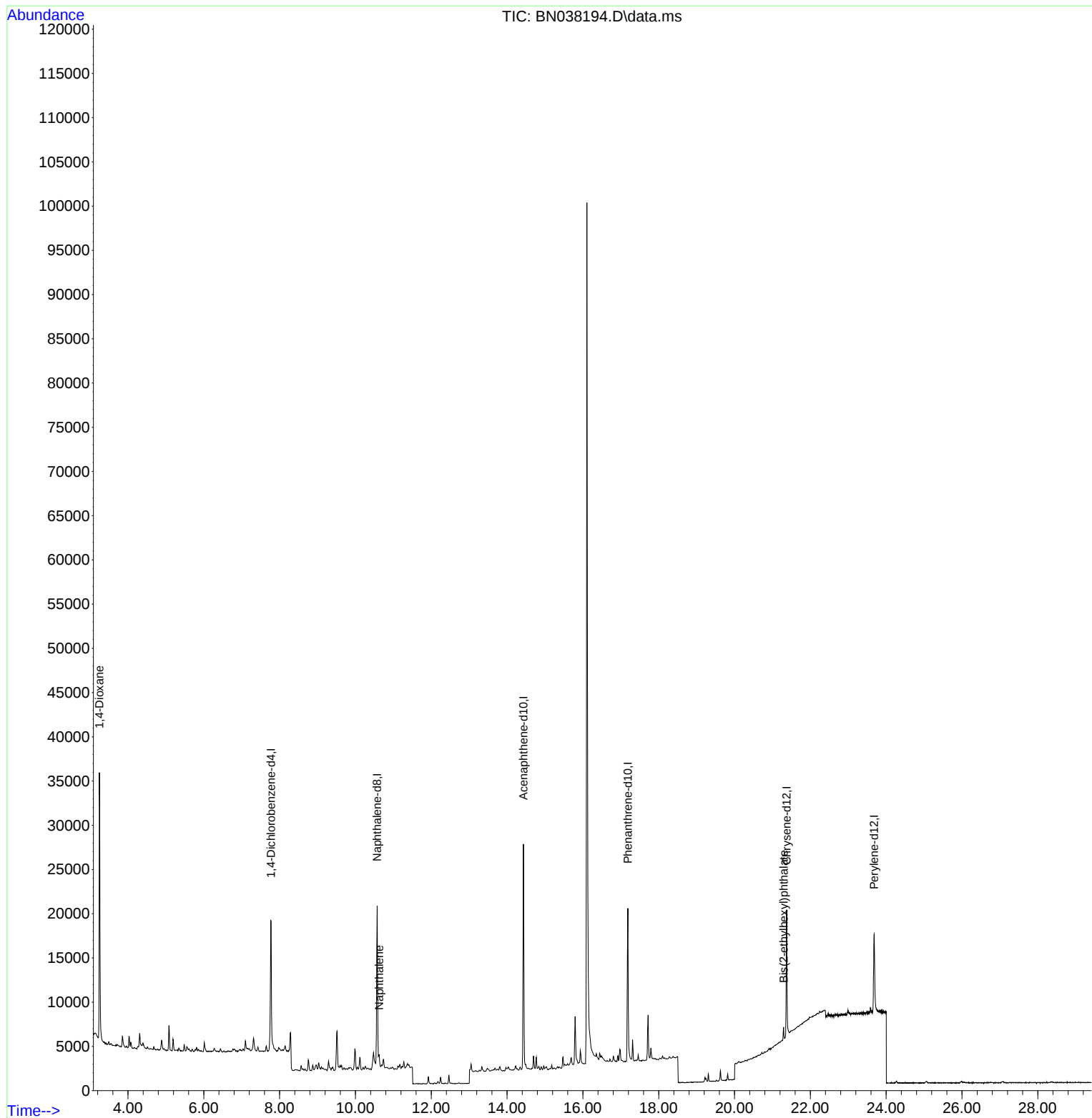
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	7912	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	24631	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14683	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	26976	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14468	0.400	ng	0.00
35) Perylene-d12	23.683	264	13395	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	139	0.007	ng	0.00
5) Phenol-d6	6.944	99	111	0.005	ng	0.00
8) Nitrobenzene-d5	8.929	82	302	0.015	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	308	0.009	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	71	0.012	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	778	0.013	ng	0.00
27) Fluoranthene-d10	19.220	212	583	0.009	ng	0.00
31) Terphenyl-d14	19.819	244	600	0.019	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	19311	2.362	ng	99
9) Naphthalene	10.626	128	2053	0.030	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.295	149	1389	0.051	ng	# 93

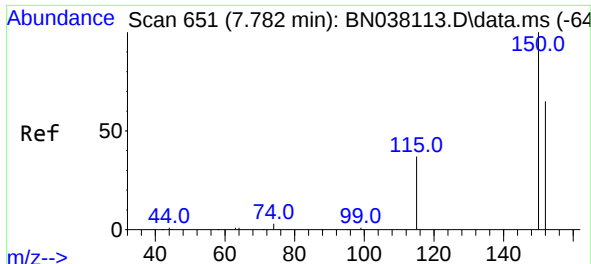
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
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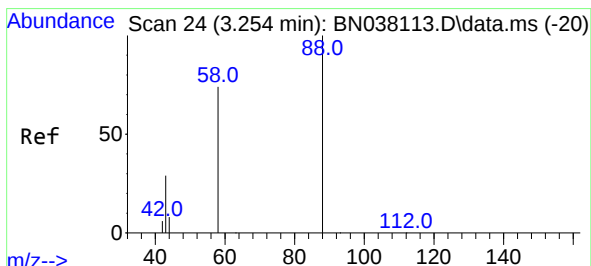
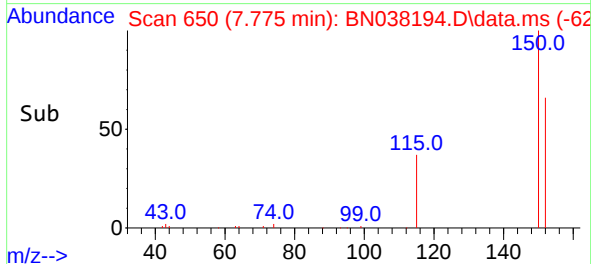
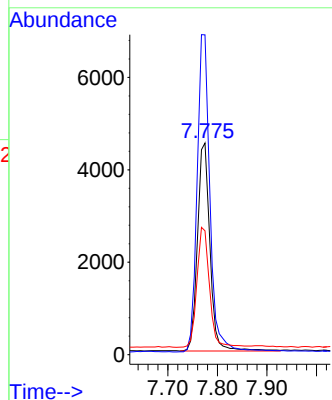
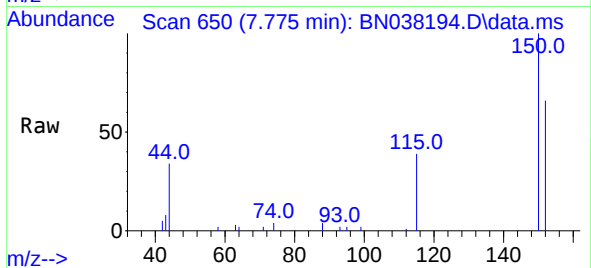




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

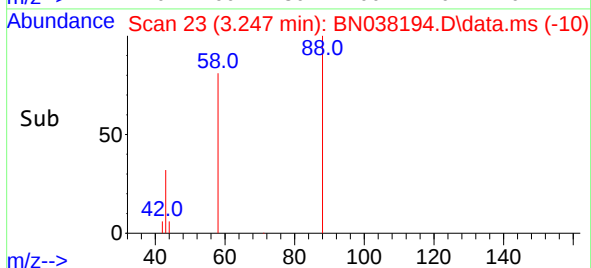
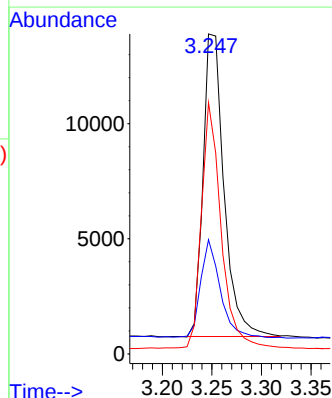
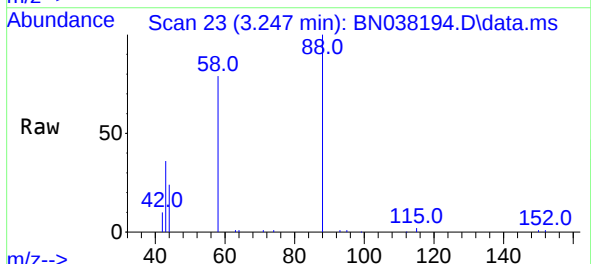
Instrument :
BNA_N
ClientSampleId :
MW-12DL

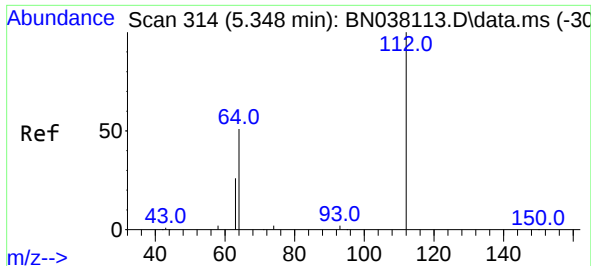
Tgt Ion:152 Resp: 7912
Ion Ratio Lower Upper
152 100
150 151.1 122.3 183.5
115 58.5 47.4 71.0



#2
1,4-Dioxane
Concen: 2.362 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion: 88 Resp: 19311
Ion Ratio Lower Upper
88 100
43 31.0 24.3 36.5
58 76.7 60.4 90.6

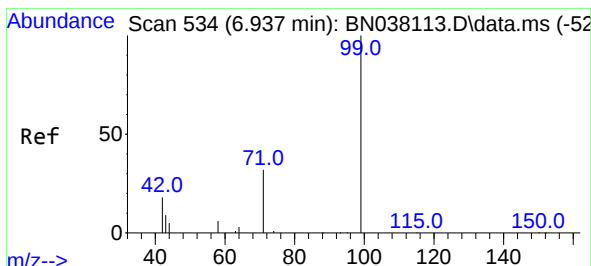
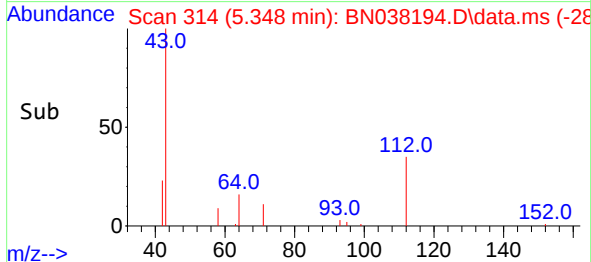
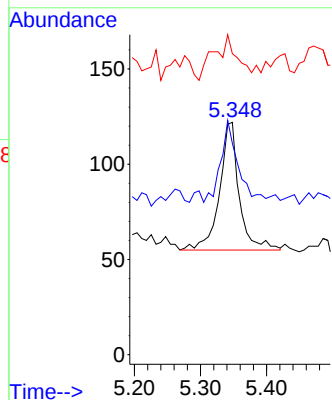
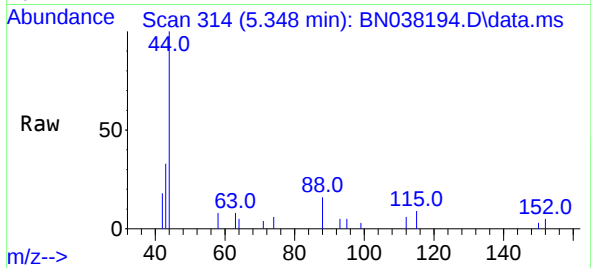




#4
2-Fluorophenol
Concen: 0.007 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

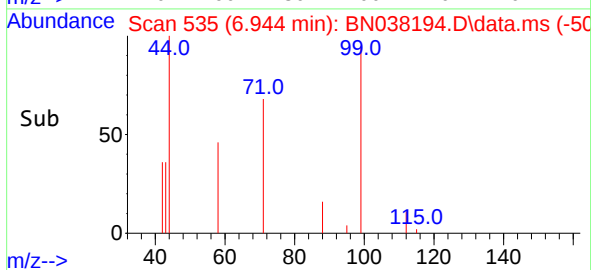
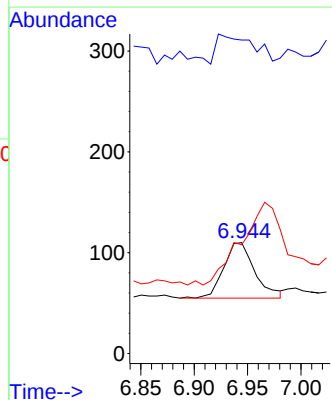
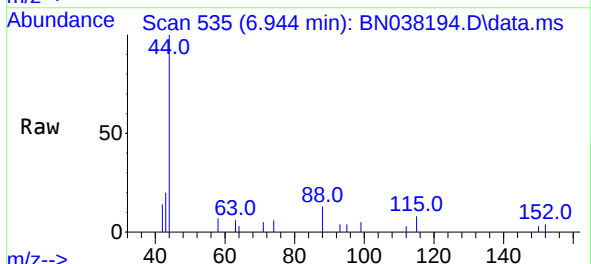
Instrument :
BNA_N
ClientSampleId :
MW-12DL

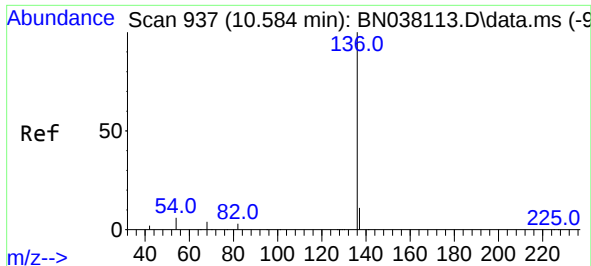
Tgt Ion:112 Resp: 139
Ion Ratio Lower Upper
112 100
64 56.1 45.4 68.0
63 42.4 23.2 34.8#



#5
Phenol-d6
Concen: 0.005 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion: 99 Resp: 111
Ion Ratio Lower Upper
99 100
42 0.0 16.6 24.8#
71 0.0 25.4 38.2#

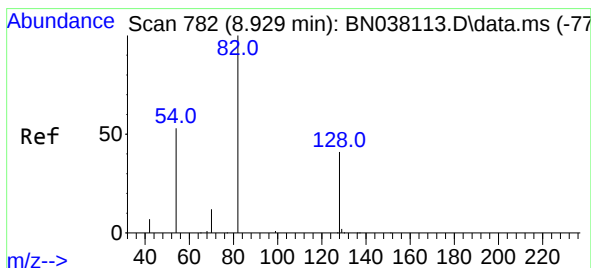
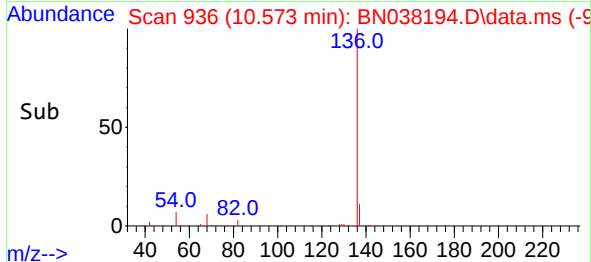
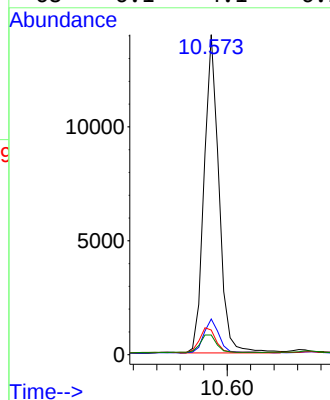
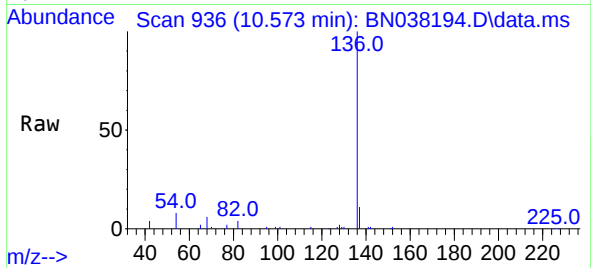




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

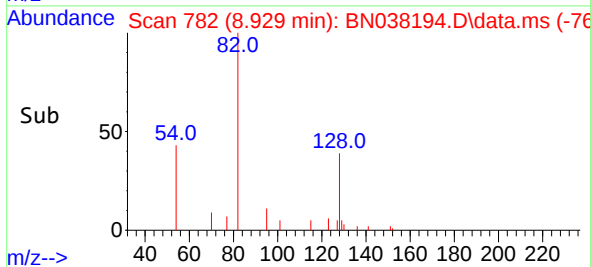
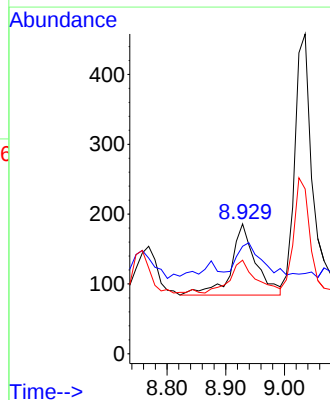
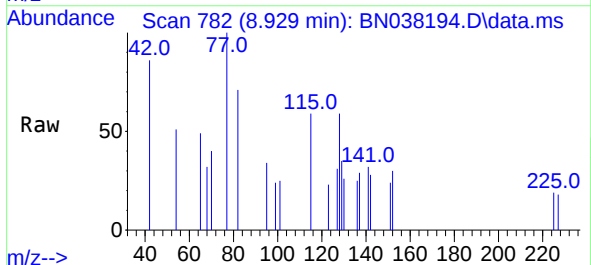
Instrument :
BNA_N
ClientSampleId :
MW-12DL

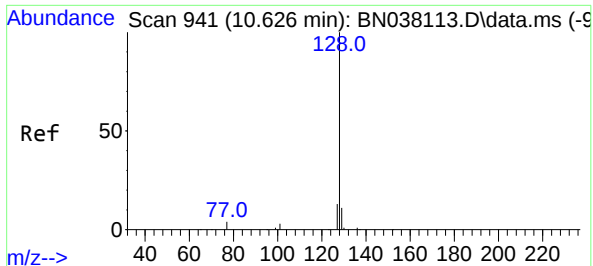
Tgt Ion:136 Resp: 24631
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.7 5.2 7.8
68 6.1 4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.015 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion: 82 Resp: 302
Ion Ratio Lower Upper
82 100
128 82.8 34.1 51.1#
54 72.0 43.5 65.3#

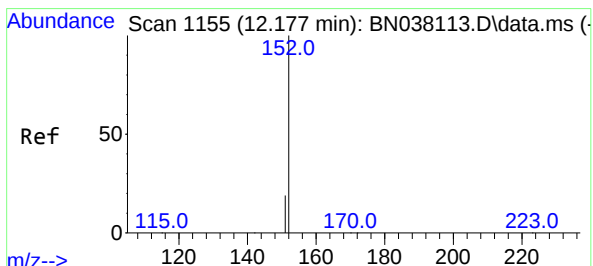
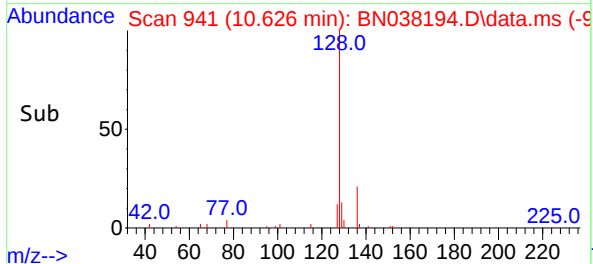
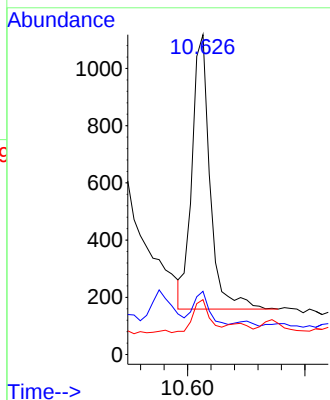
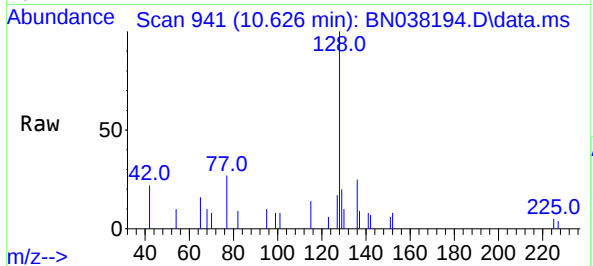




#9
Naphthalene
Concen: 0.030 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

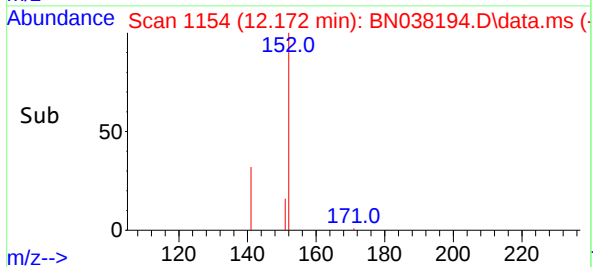
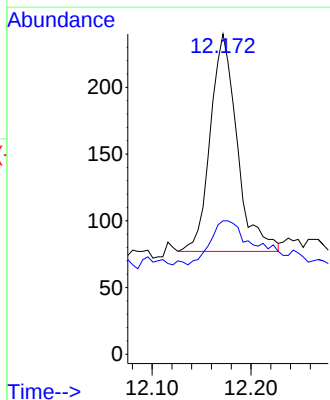
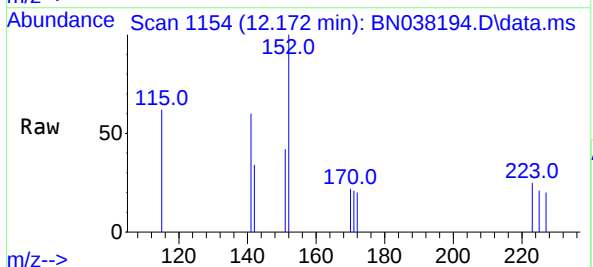
Instrument :
BNA_N
ClientSampleId :
MW-12DL

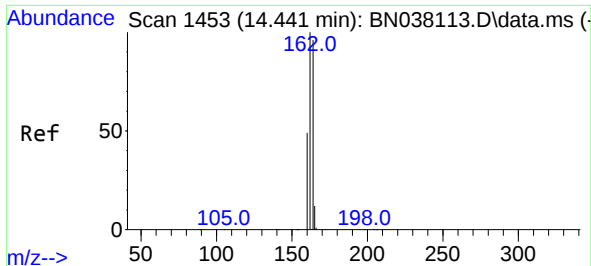
Tgt Ion:128 Resp: 2053
Ion Ratio Lower Upper
128 100
129 19.8 9.1 13.7#
127 17.2 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:152 Resp: 308
Ion Ratio Lower Upper
152 100
151 32.5 16.8 25.2#

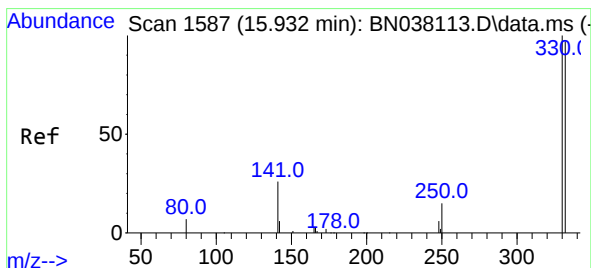
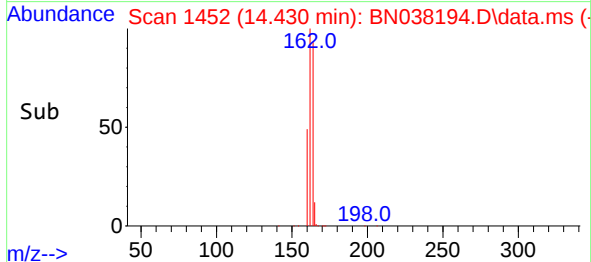
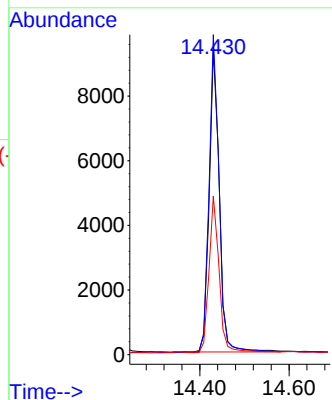
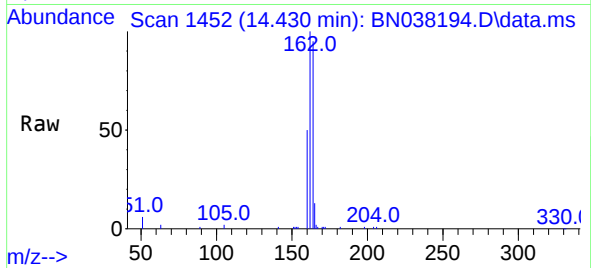




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

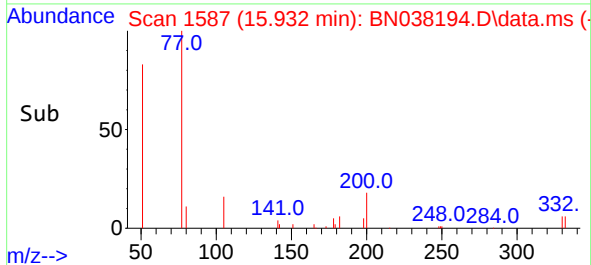
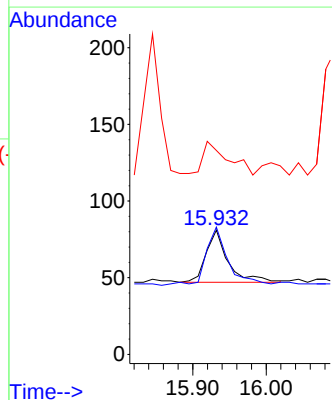
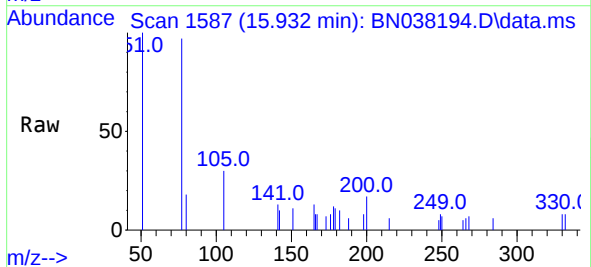
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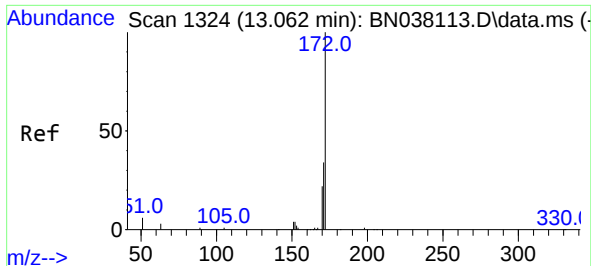
Tgt Ion:164 Resp: 14683
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.4
160 52.0 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.012 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:330 Resp: 71
Ion Ratio Lower Upper
330 100
332 112.7 76.6 114.8
141 85.9 34.1 51.1#

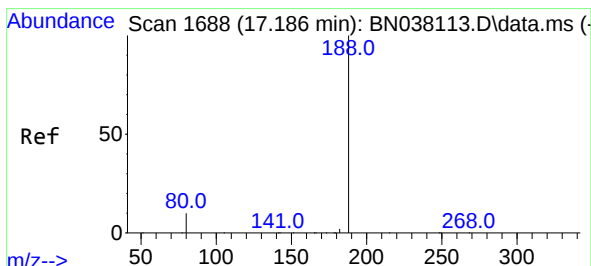
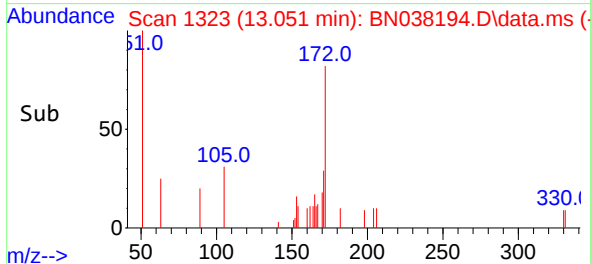
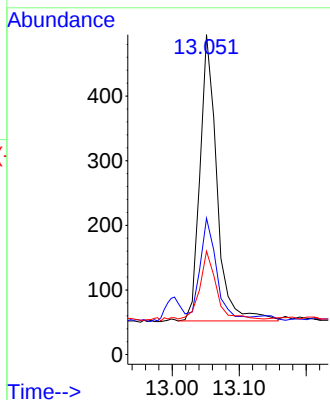
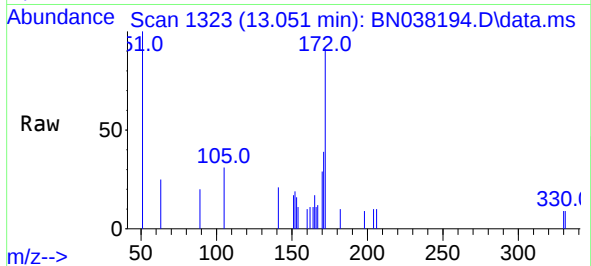




#15
2-Fluorobiphenyl
Concen: 0.013 ng
RT: 13.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

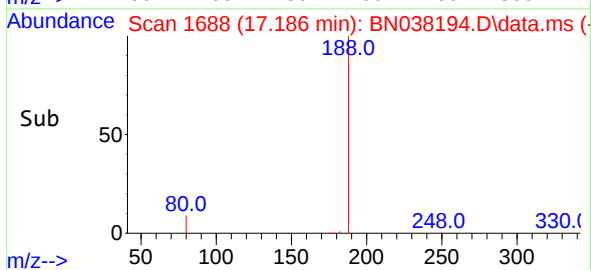
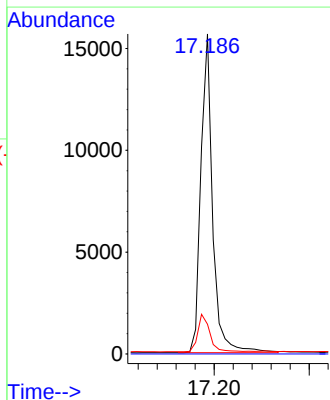
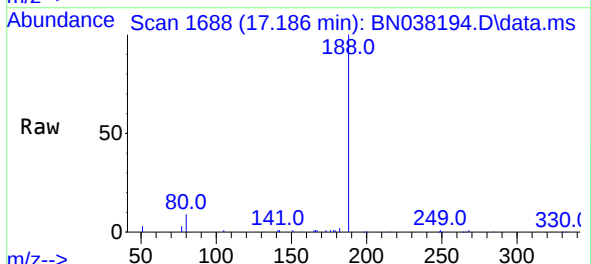
Instrument :
BNA_N
ClientSampleId :
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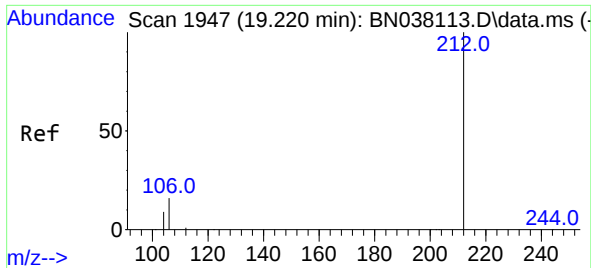
Tgt Ion:	172	Resp:	778
Ion	Ratio	Lower	Upper
172	100		
171	42.6	27.8	41.6#
170	32.3	18.1	27.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:	188	Resp:	26976
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	8.6	13.0

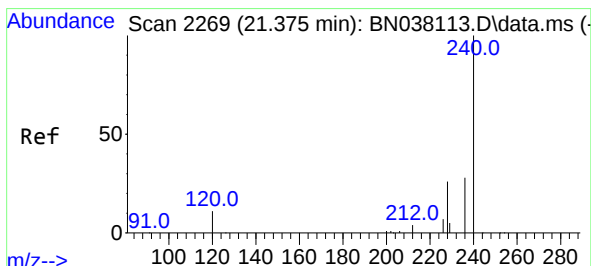
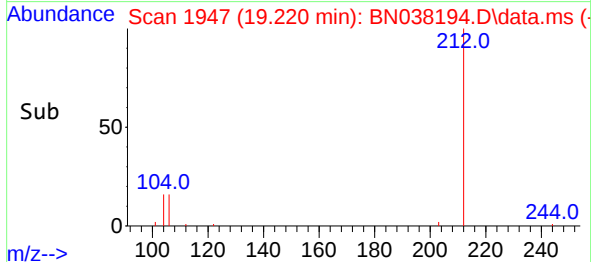
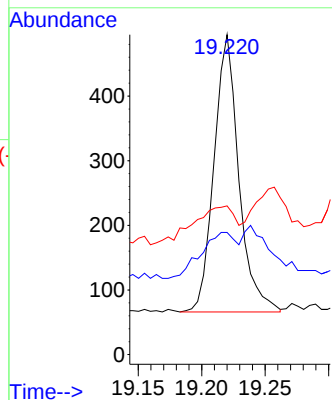
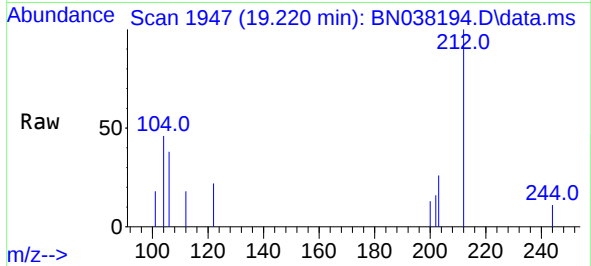




#27
Fluoranthene-d10
Concen: 0.009 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

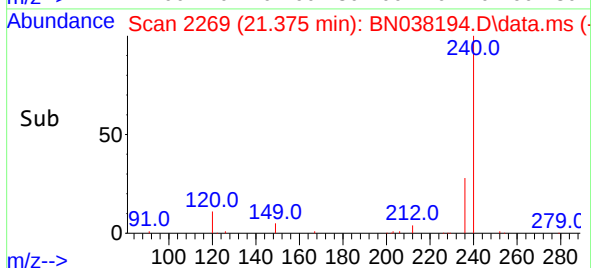
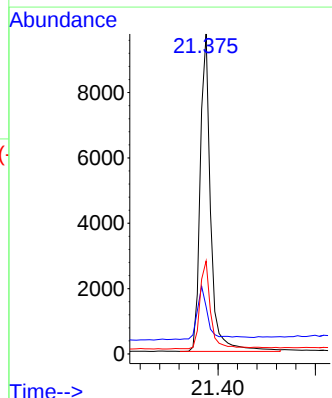
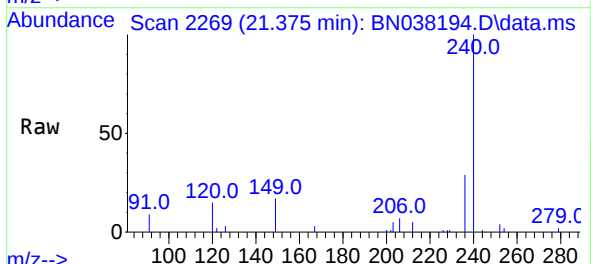
Instrument :
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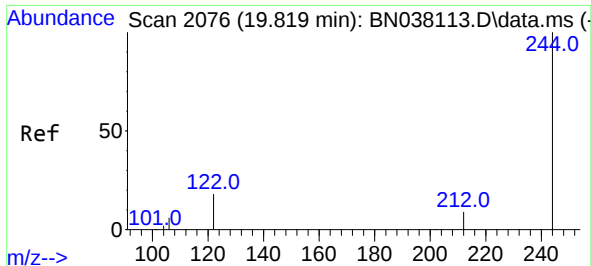
Tgt Ion:212 Resp: 583
Ion Ratio Lower Upper
212 100
106 25.7 12.6 19.0#
104 21.6 7.1 10.7#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:240 Resp: 14468
Ion Ratio Lower Upper
240 100
120 14.8 10.7 16.1
236 29.1 23.1 34.7

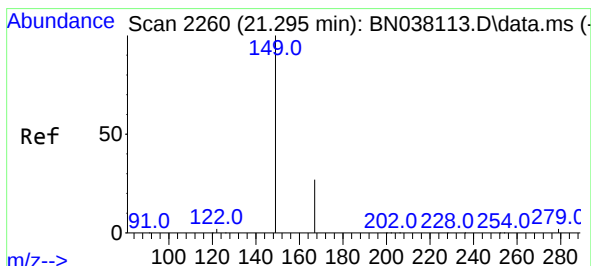
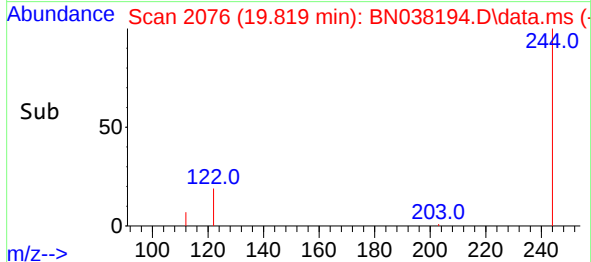
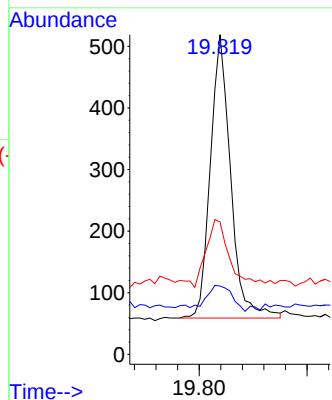
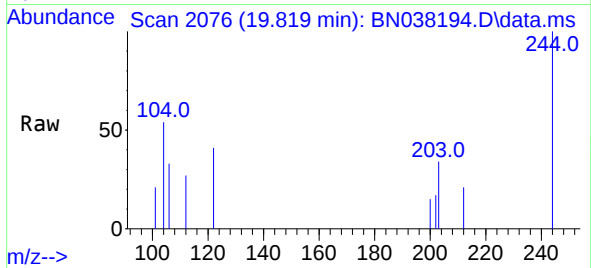




#31
 Terphenyl-d14
 Concen: 0.019 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BN038113.D
 Acq: 12 Nov 2025 16:11

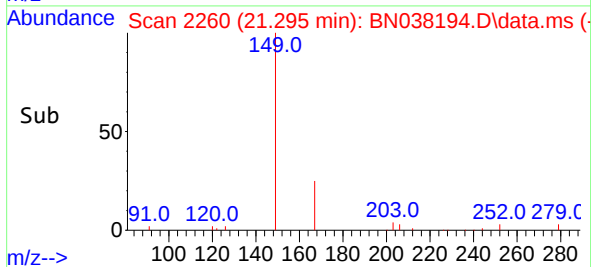
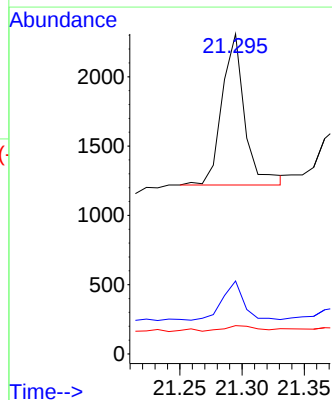
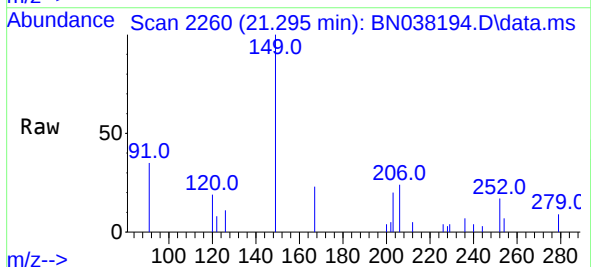
Instrument :
 BNA_N
 ClientSampleId :
 MW-12DL

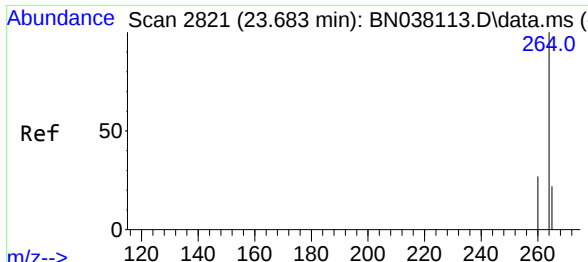
Tgt Ion:244 Resp: 600
 Ion Ratio Lower Upper
 244 100
 212 21.4 7.8 11.6#
 122 41.4 15.2 22.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BN038113.D
 Acq: 12 Nov 2025 16:11

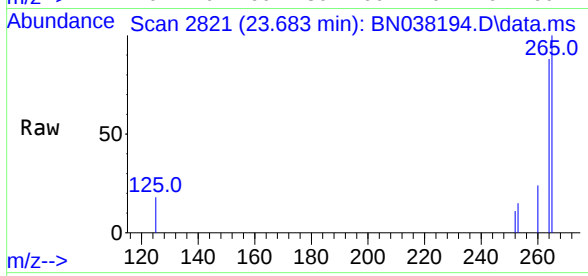
Tgt Ion:149 Resp: 1389
 Ion Ratio Lower Upper
 149 100
 167 22.8 21.1 31.7
 279 5.1 2.9 4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Instrument :
BNA_N
ClientSampleId :
MW-12DL



Tgt Ion:264 Resp: 13395

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.8	32.8
265	114.1	68.6	102.8

