

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038190.D
 Acq On : 12 Nov 2025 13:45
 Operator : RC/JU
 Sample : Q3584-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-3

Quant Time: Nov 12 14:09:33 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)

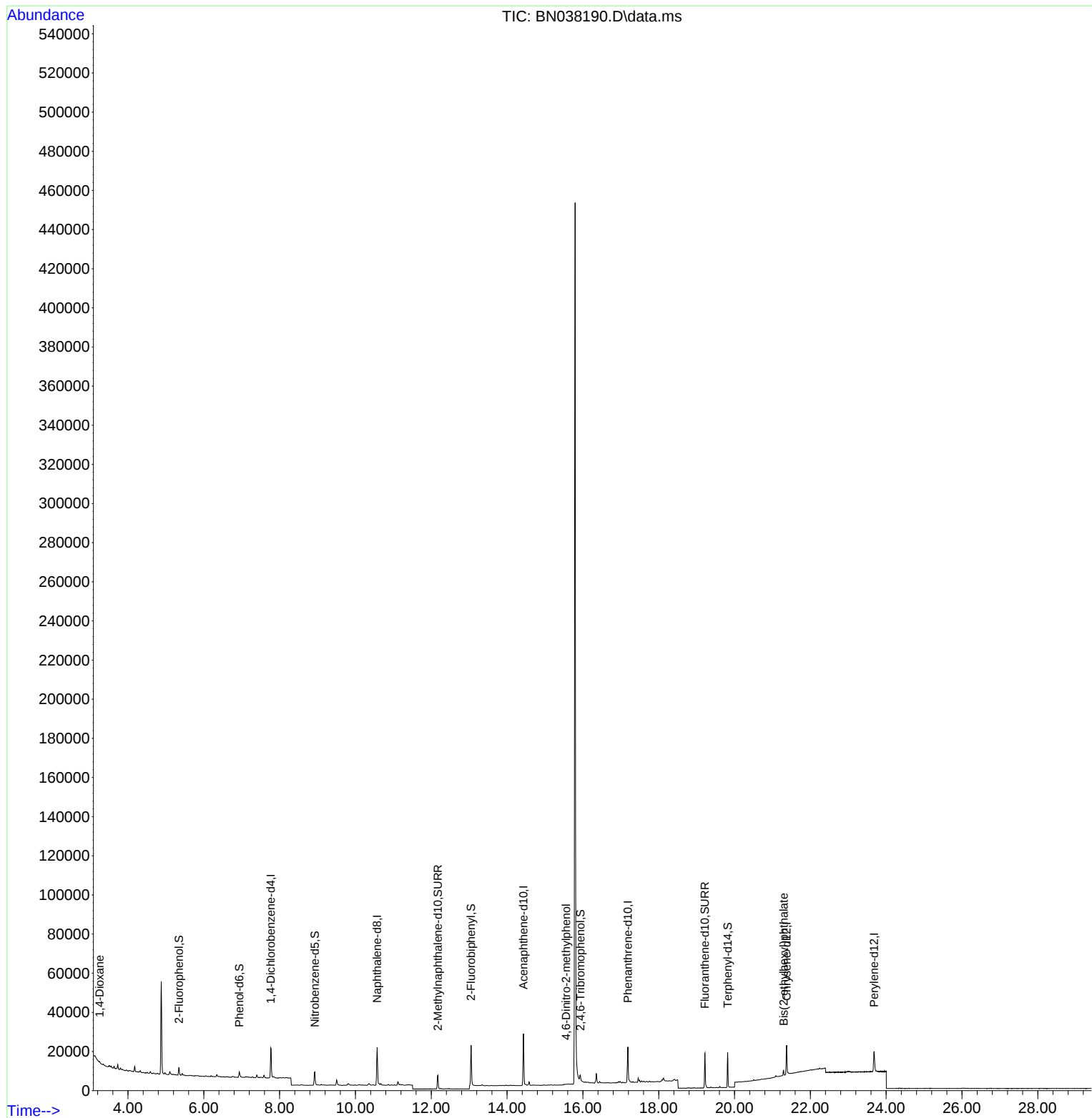
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	7952	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25886	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	15079	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	26367	0.400	ng	0.00
29) Chrysene-d12	21.375	240	15382	0.400	ng	0.00
35) Perylene-d12	23.683	264	14958	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3221	0.172	ng	0.00
5) Phenol-d6	6.937	99	2843	0.125	ng	0.00
8) Nitrobenzene-d5	8.929	82	6489	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10186	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2134	0.343	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18021	0.298	ng	0.00
27) Fluoranthene-d10	19.220	212	20743	0.312	ng	0.00
31) Terphenyl-d14	19.819	244	17142	0.513	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	429	0.052	ng	# 77
20) 4,6-Dinitro-2-methylph...	15.560	198	6	0.184	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	2750	0.095	ng	# 97

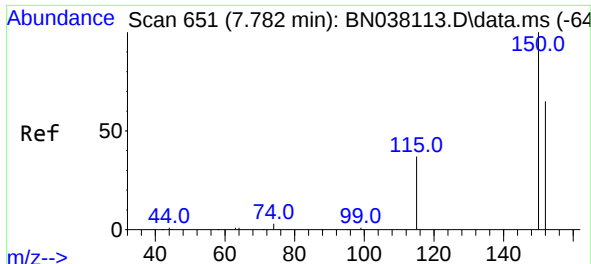
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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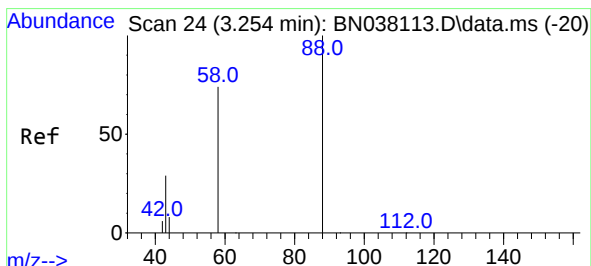
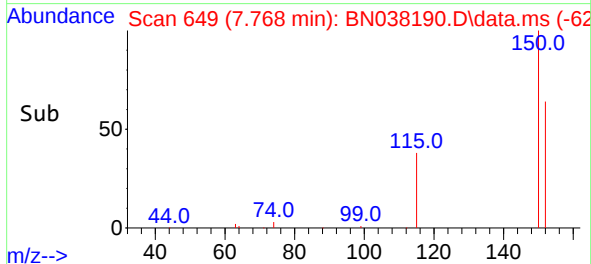
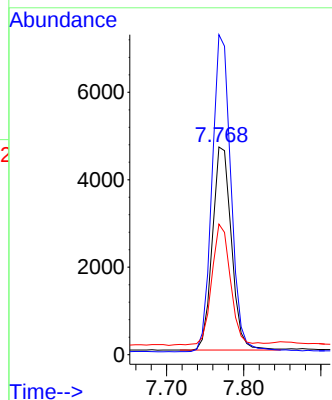
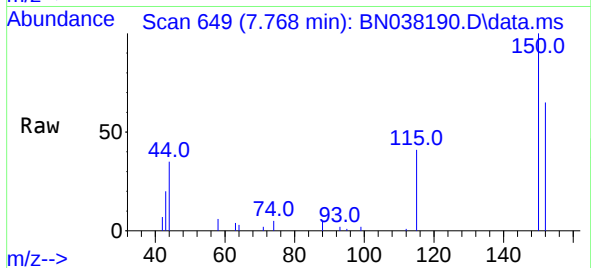




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

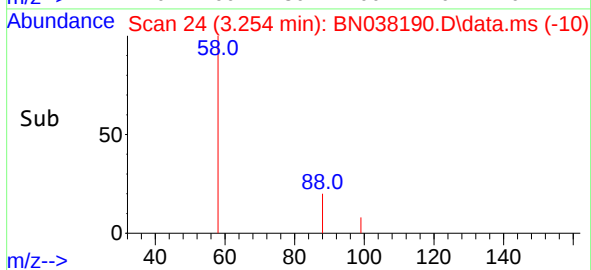
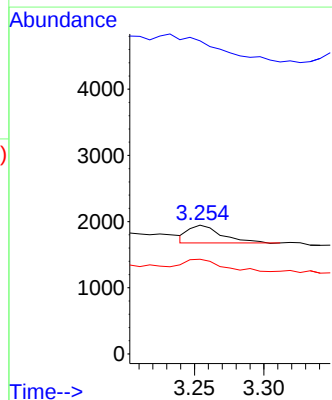
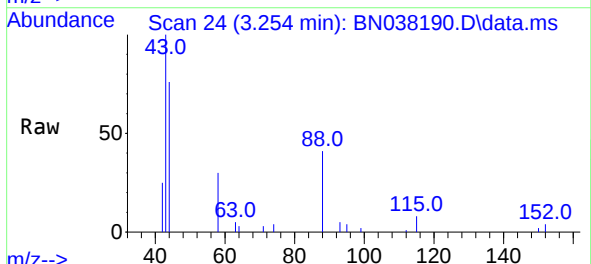
Instrument :
BNA_N
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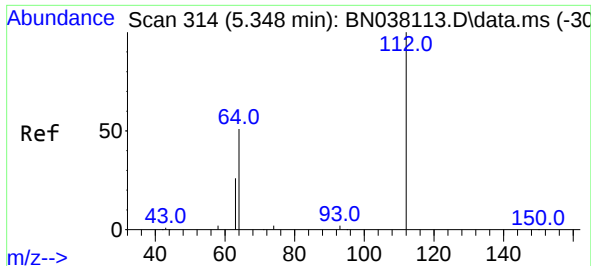
Tgt Ion:152 Resp: 7952
Ion Ratio Lower Upper
152 100
150 154.1 122.3 183.5
115 62.8 47.4 71.0



#2
1,4-Dioxane
Concen: 0.052 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion: 88 Resp: 429
Ion Ratio Lower Upper
88 100
43 0.0 24.3 36.5#
58 83.9 60.4 90.6

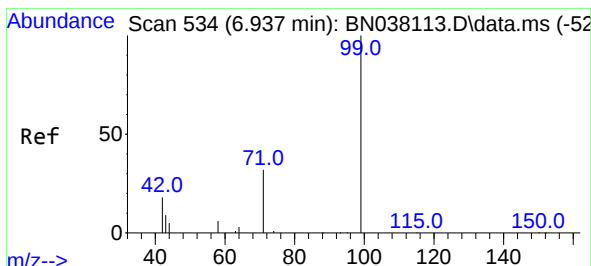
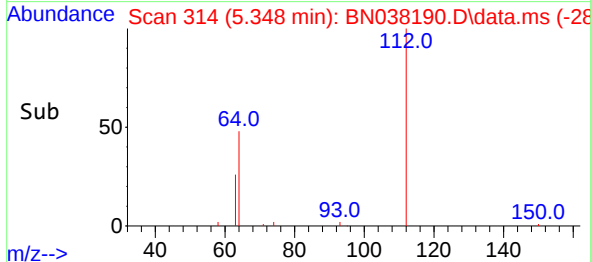
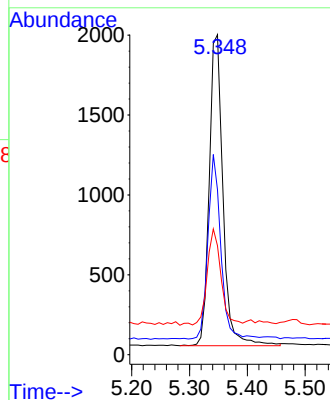
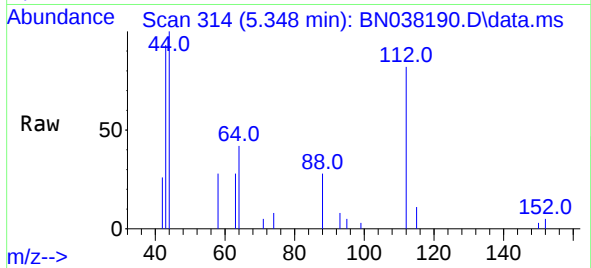




#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

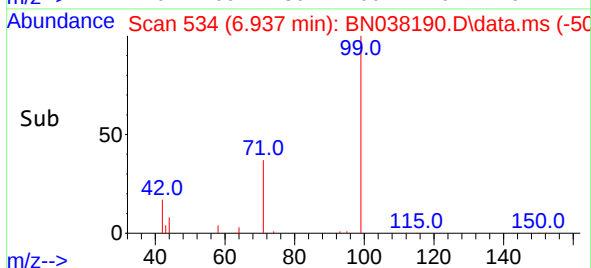
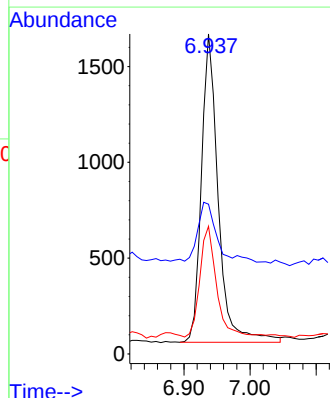
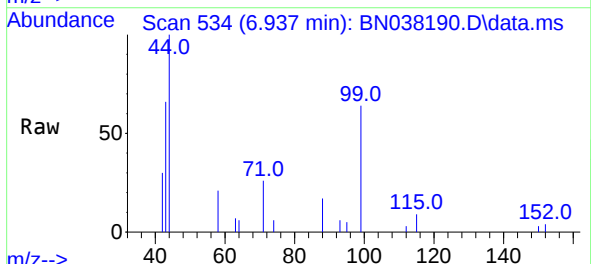
Instrument :
BNA_N
ClientSampleId :
SW-3

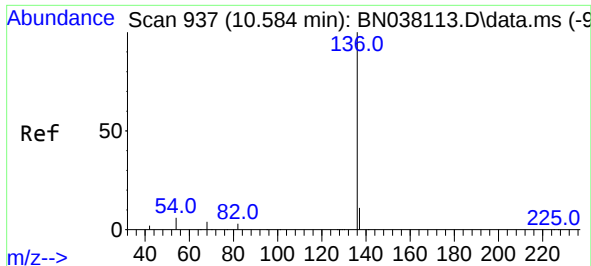
Tgt Ion:112 Resp: 3221
Ion Ratio Lower Upper
112 100
64 55.4 45.4 68.0
63 29.6 23.2 34.8



#5
Phenol-d6
Concen: 0.125 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion: 99 Resp: 2843
Ion Ratio Lower Upper
99 100
42 19.6 16.6 24.8
71 37.4 25.4 38.2

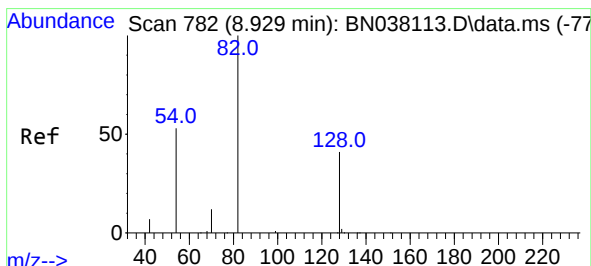
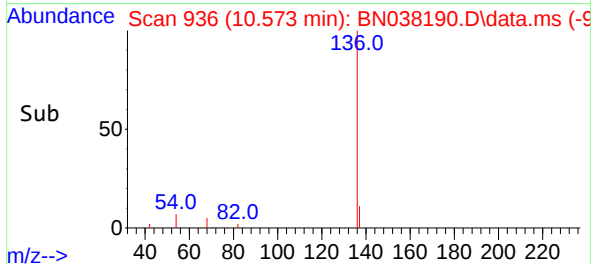
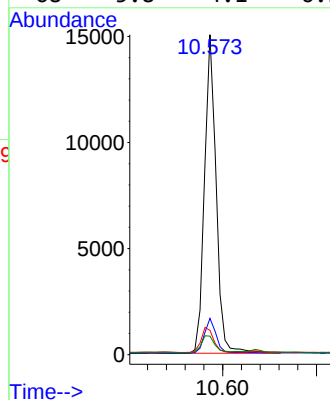
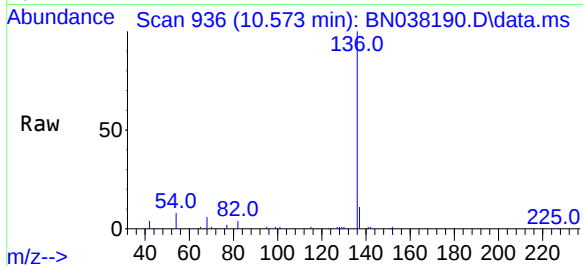




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

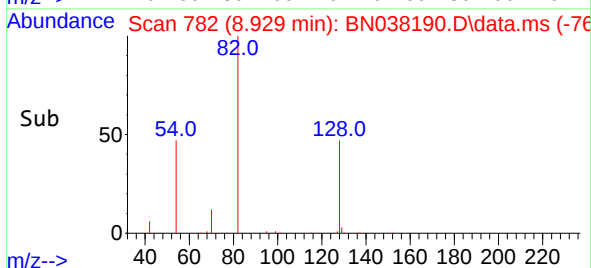
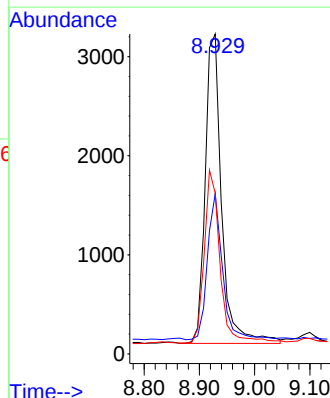
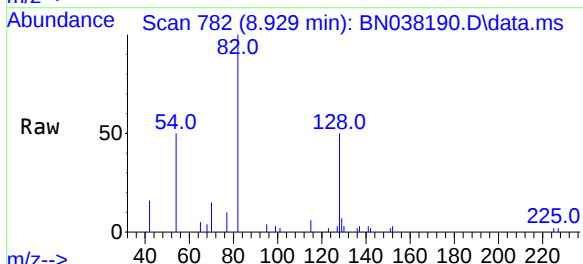
Instrument :
BNA_N
ClientSampleId :
SW-3

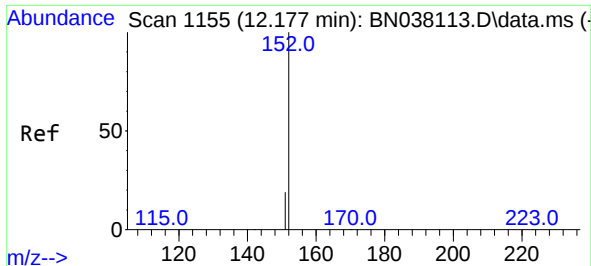
Tgt Ion:	136	Resp:	25886
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	7.6	5.2	7.8
68	5.8	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:	82	Resp:	6489
Ion Ratio	Lower	Upper	
82	100		
128	50.1	34.1	51.1
54	50.2	43.5	65.3

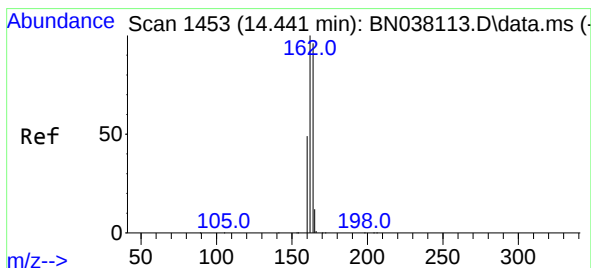
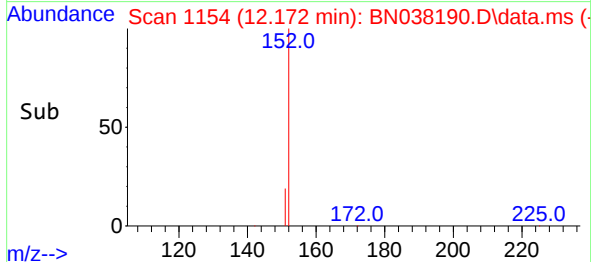
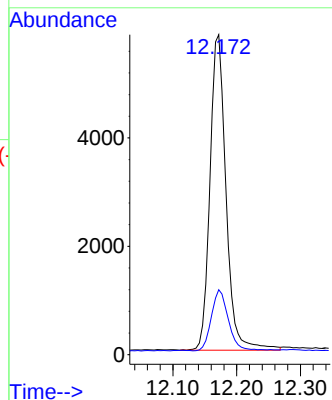
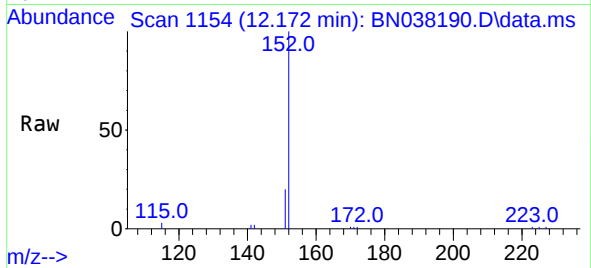




#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 12.172 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

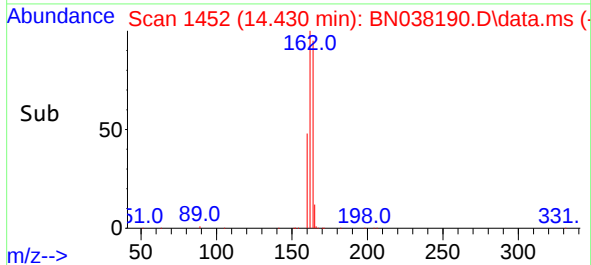
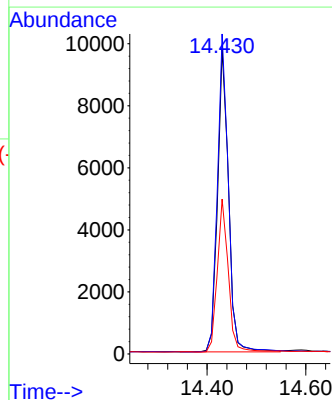
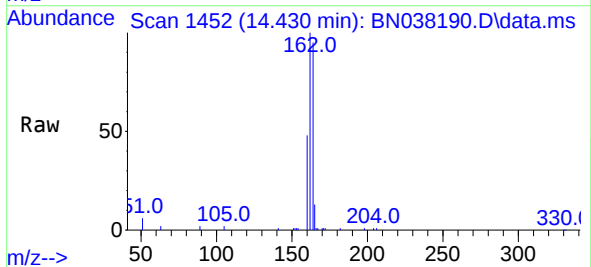
Instrument :
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ClientSampleId :
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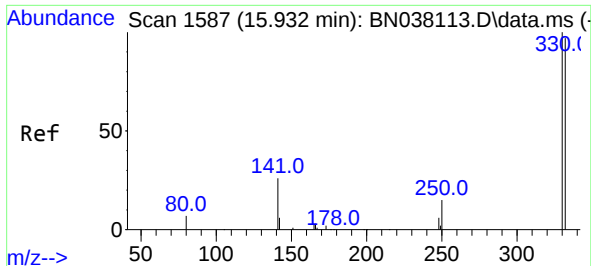
Tgt Ion:152 Resp: 10186
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:164 Resp: 15079
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.4
160 50.8 40.7 61.1

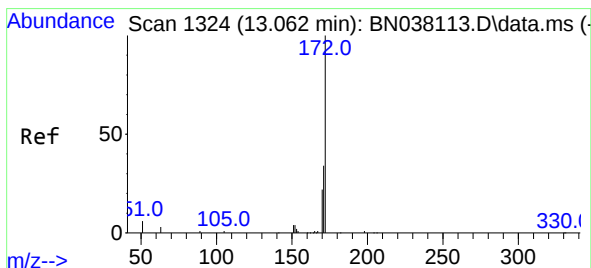
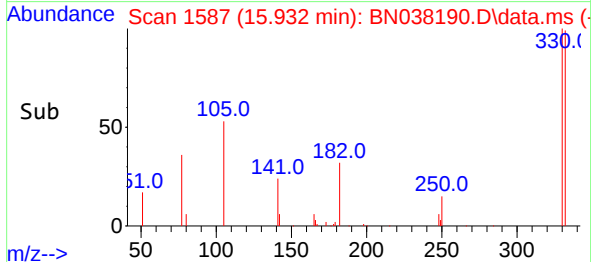
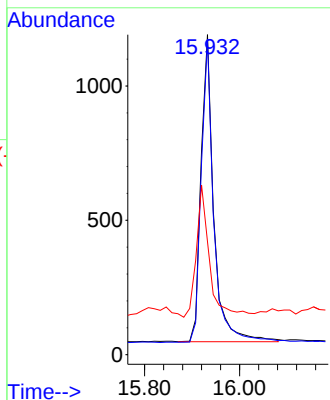
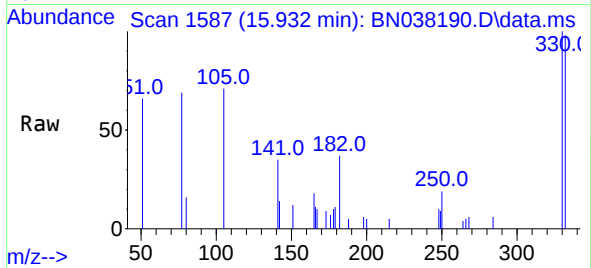




#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

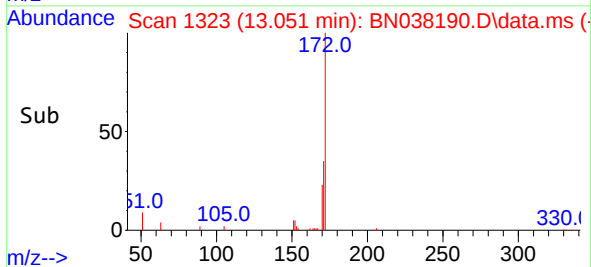
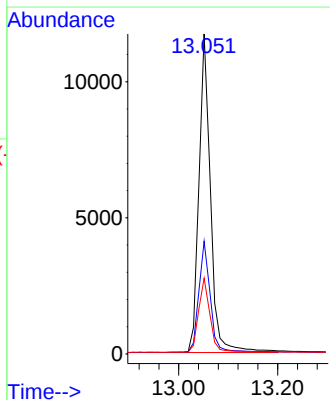
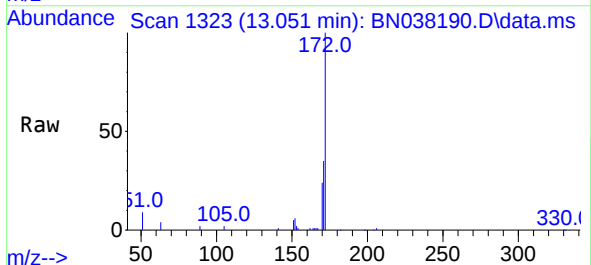
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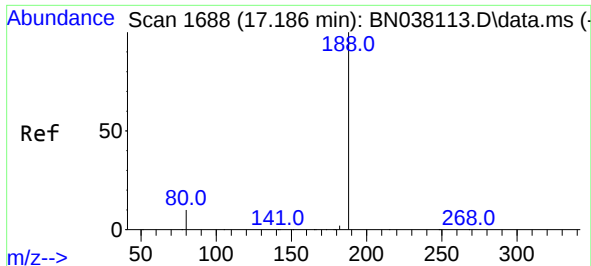
Tgt Ion:330 Resp: 2134
Ion Ratio Lower Upper
330 100
332 97.4 76.6 114.8
141 44.6 34.1 51.1



#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:172 Resp: 18021
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.7 18.1 27.1

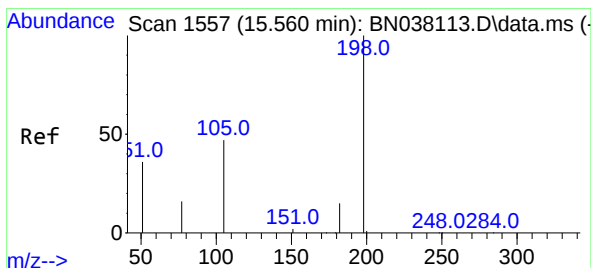
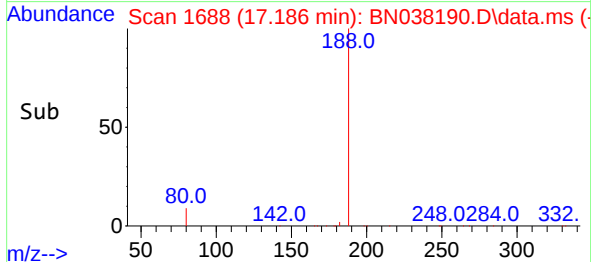
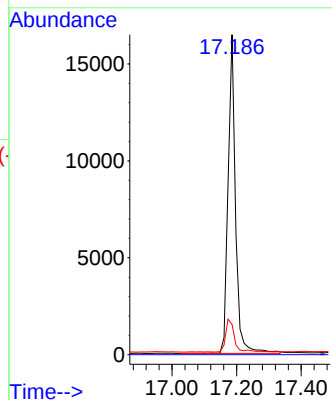
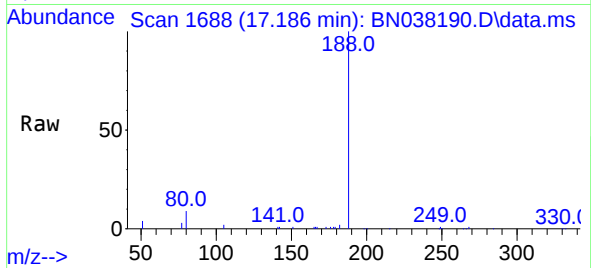




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

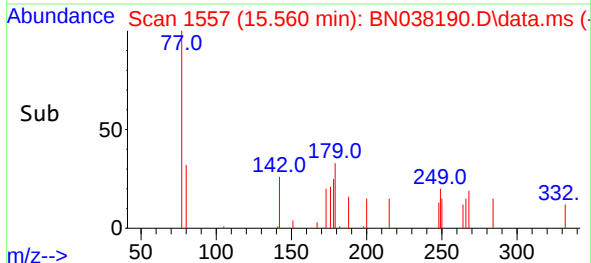
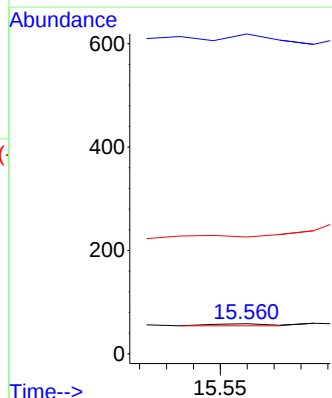
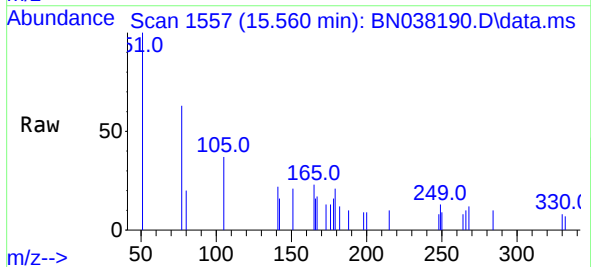
Instrument :
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SW-3

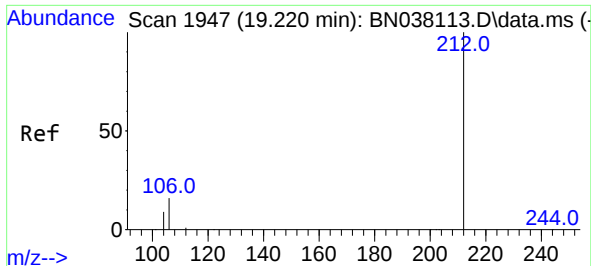
Tgt Ion:188 Resp: 26367
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 8.6 13.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.184 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 1067.2 88.9 133.3#
105 389.7 49.2 73.8#

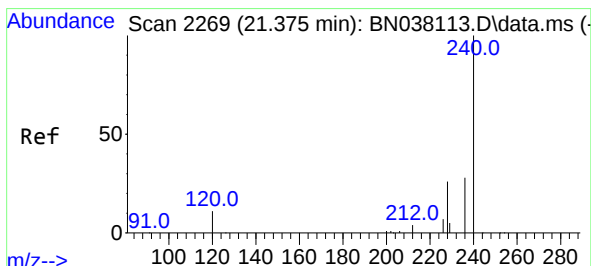
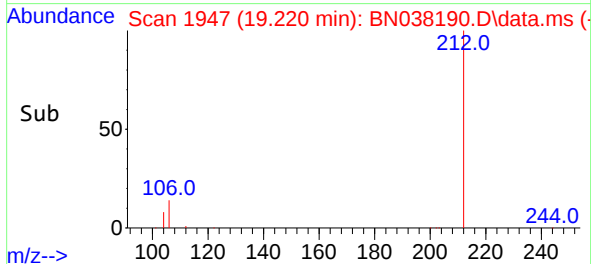
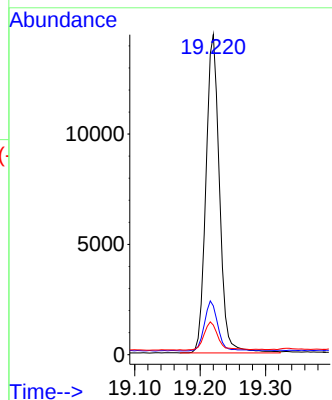
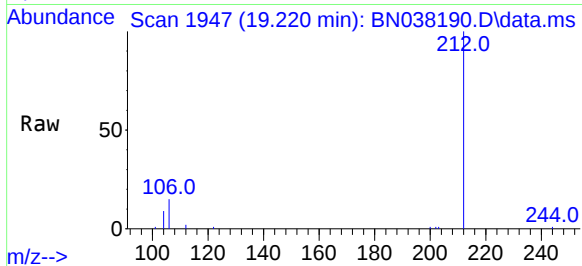




#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

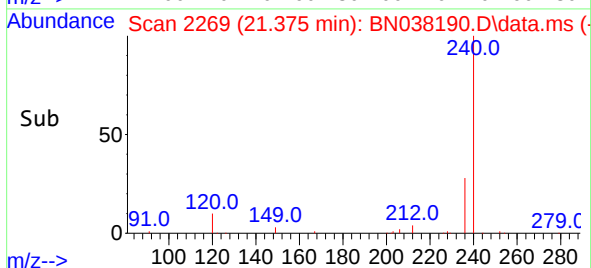
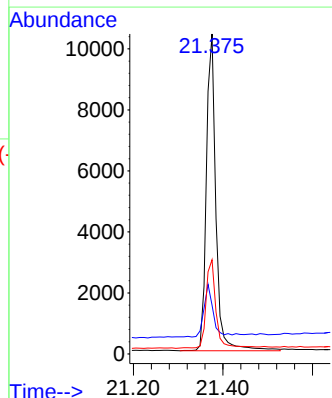
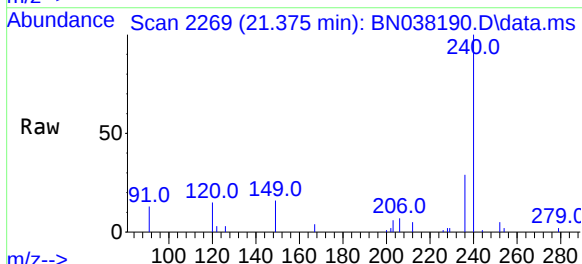
Instrument :
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SW-3

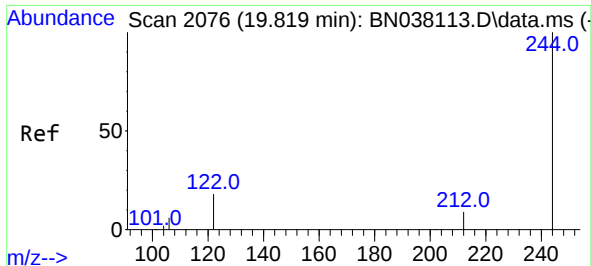
Tgt Ion:212 Resp: 20743
Ion Ratio Lower Upper
212 100
106 15.5 12.6 19.0
104 9.0 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:240 Resp: 15382
Ion Ratio Lower Upper
240 100
120 15.2 10.7 16.1
236 29.4 23.1 34.7

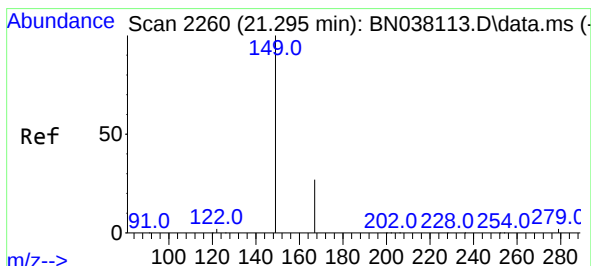
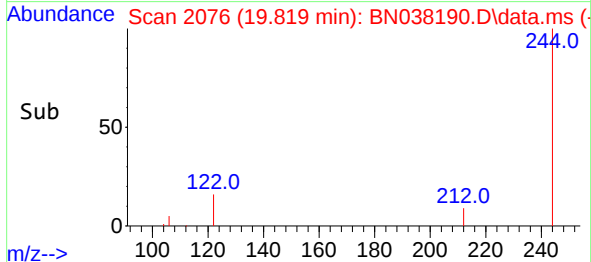
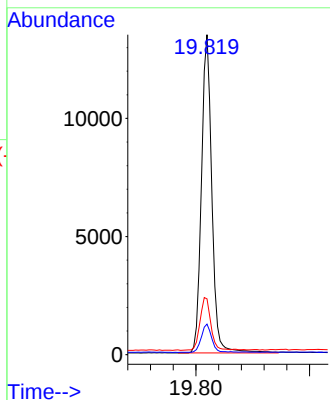
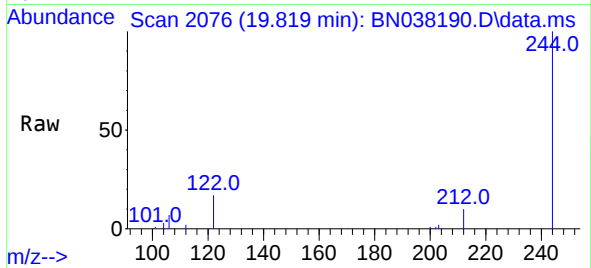




#31
 Terphenyl-d14
 Concen: 0.513 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN038190.D
 Acq: 12 Nov 2025 13:45

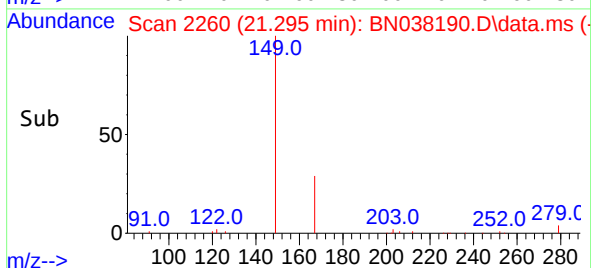
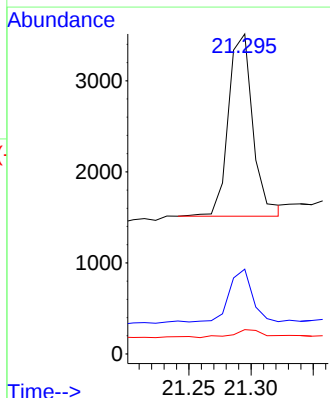
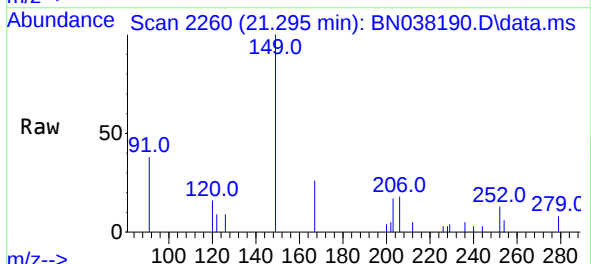
Instrument :
 BNA_N
 ClientSampleId :
 SW-3

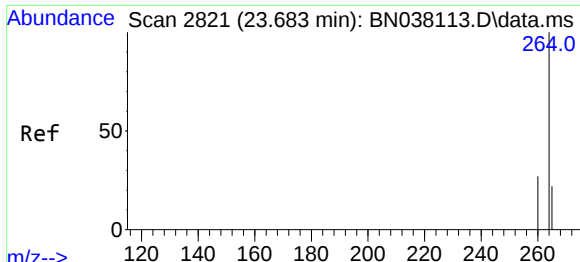
Tgt Ion:244 Resp: 17142
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.8 11.6
 122 17.5 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.095 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN038190.D
 Acq: 12 Nov 2025 13:45

Tgt Ion:149 Resp: 2750
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.1 31.7
 279 6.7 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: BN038190.D
Acq: 12 Nov 2025 13:45

Instrument :
BNA_N
ClientSampleId :
SW-3

Tgt Ion:	264	Resp:	14958
Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.8	32.8
265	106.4	68.6	102.8

