

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110425\
 Data File : BN038135.D
 Acq On : 04 Nov 2025 14:08
 Operator : RC/JU
 Sample : Q3525-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20251030

Quant Time: Nov 04 14:32:23 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)

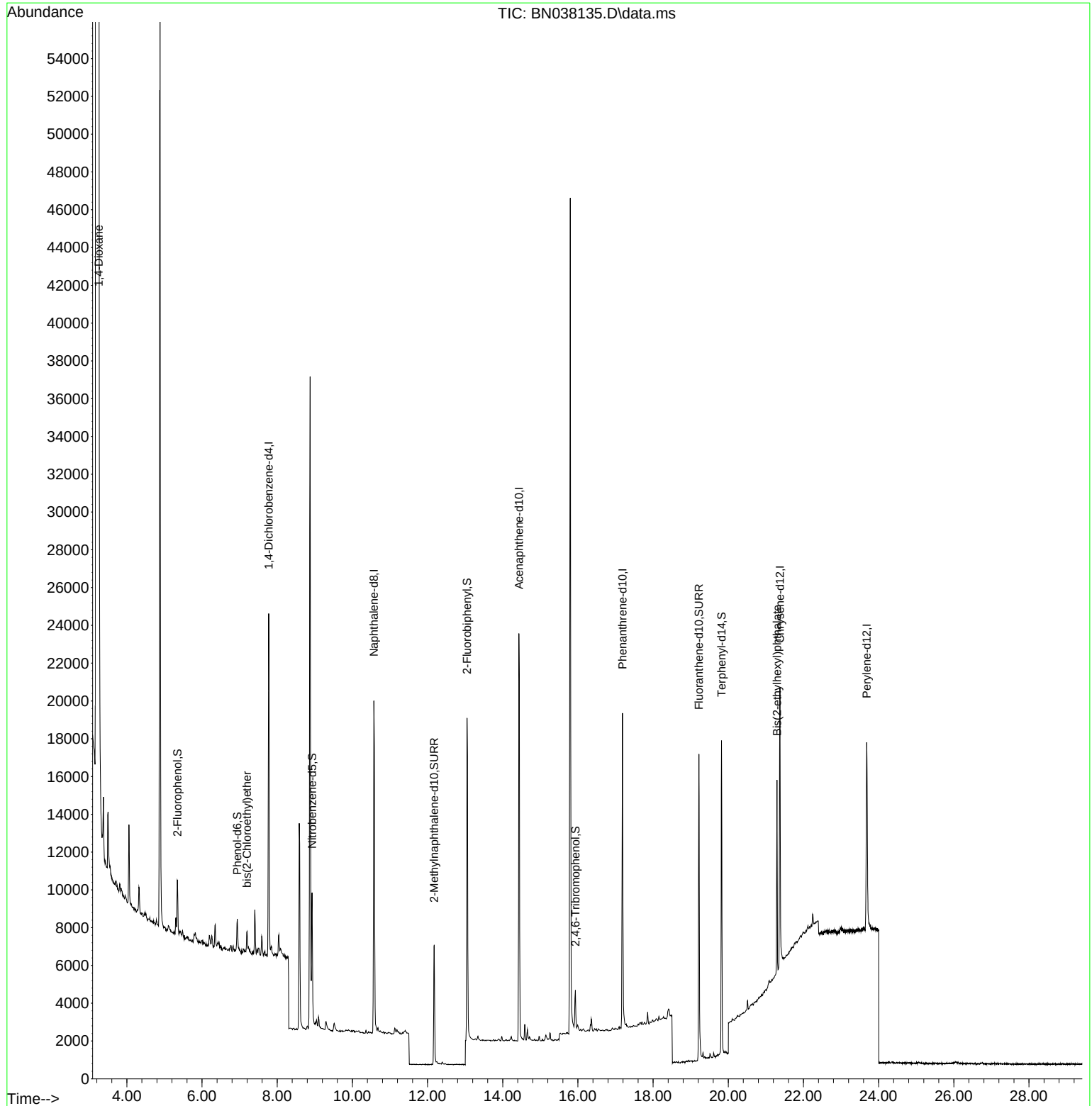
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8620	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25357	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	13158	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	22343	0.400	ng	0.00
29) Chrysene-d12	21.375	240	15115	0.400	ng	# 0.00
35) Perylene-d12	23.683	264	14719	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	2495	0.123	ng	0.00
5) Phenol-d6	6.937	99	1619	0.065	ng	0.00
8) Nitrobenzene-d5	8.929	82	6316	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	9507	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1331	0.246	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	16049	0.305	ng	0.00
27) Fluoranthene-d10	19.220	212	19109	0.339	ng	0.00
31) Terphenyl-d14	19.819	244	15576	0.474	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	53034	5.954	ng	99
6) bis(2-Chloroethyl)ether	7.197	93	930	0.038	ng	93
34) Bis(2-ethylhexyl)phtha...	21.295	149	8915	0.314	ng	98

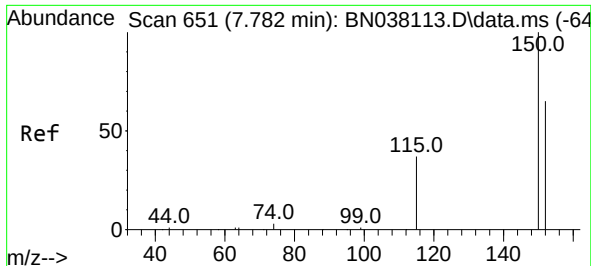
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW5-SP100-20251030

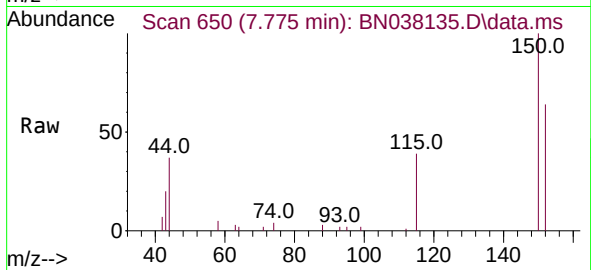
Quant Time: Nov 04 14:32:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



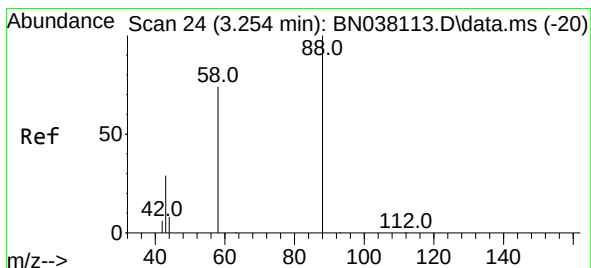
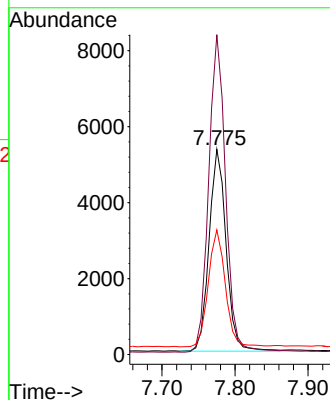
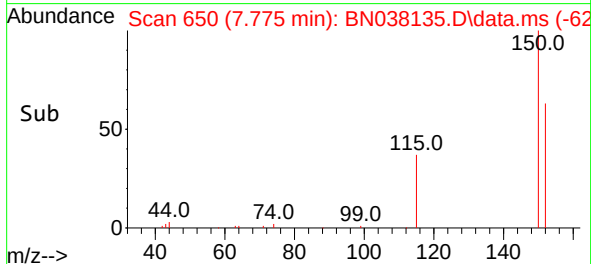


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251030

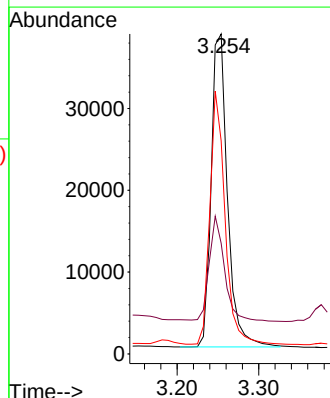
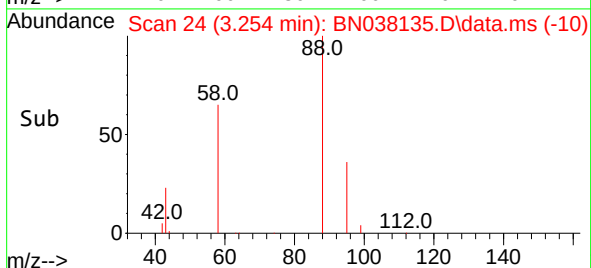
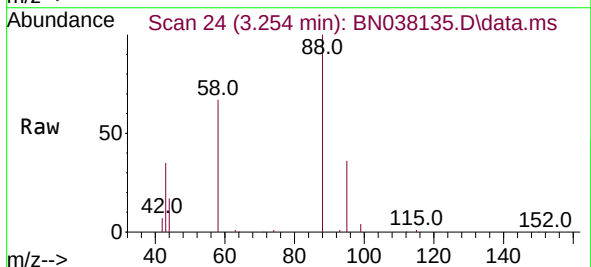


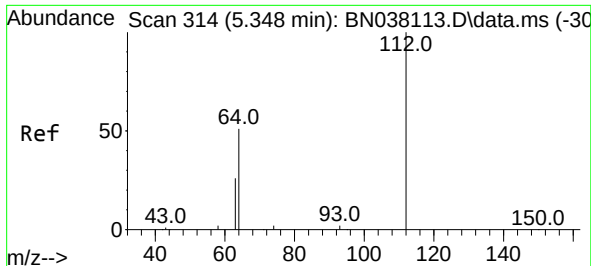
Tgt Ion:152 Resp: 8620
Ion Ratio Lower Upper
152 100
150 155.9 122.3 183.5
115 60.8 47.4 71.0



#2
1,4-Dioxane
Concen: 5.954 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

Tgt Ion: 88 Resp: 53034
Ion Ratio Lower Upper
88 100
43 31.6 24.3 36.5
58 75.0 60.4 90.6

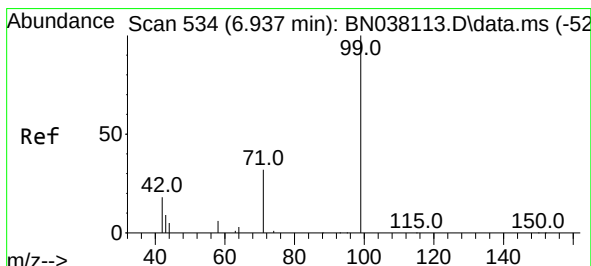
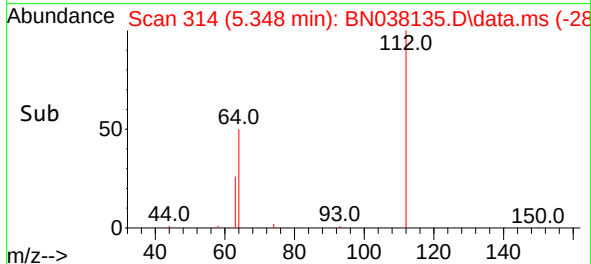
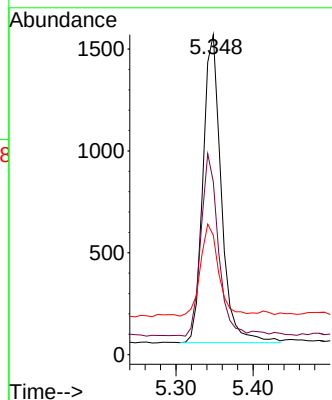
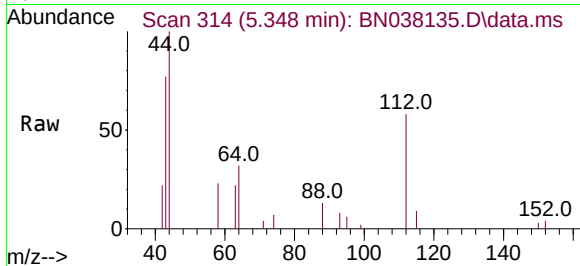




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

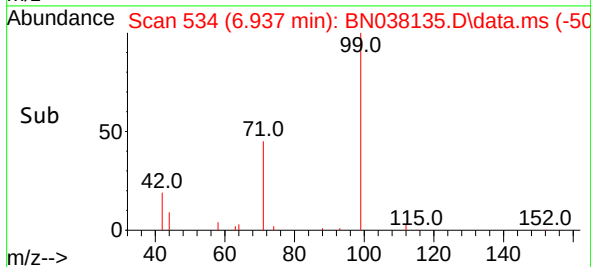
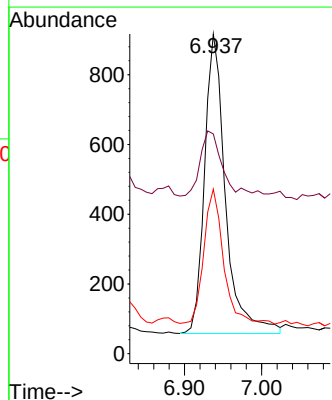
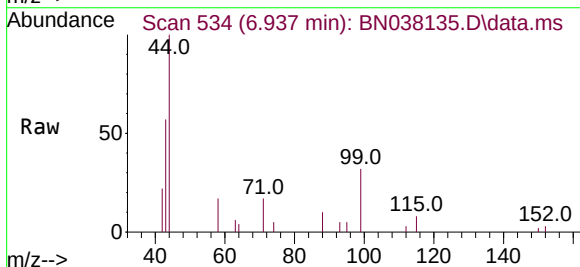
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251030

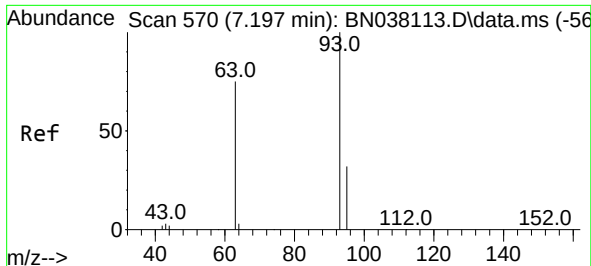
Tgt Ion:	112	Resp:	2495
Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.4	68.0
63	29.5	23.2	34.8



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

Tgt Ion:	99	Resp:	1619
Ion	Ratio	Lower	Upper
99	100		
42	23.2	16.6	24.8
71	43.9	25.4	38.2

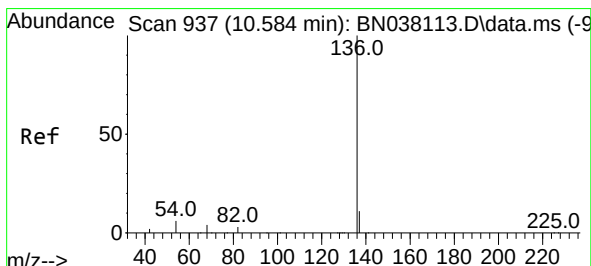
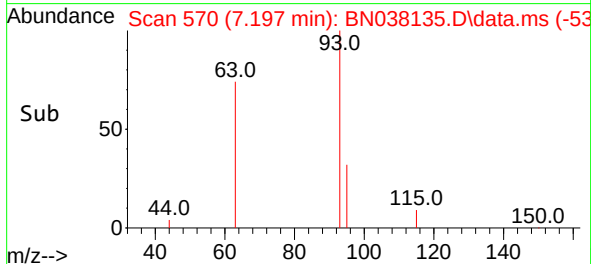
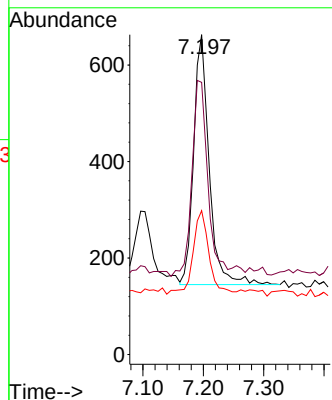
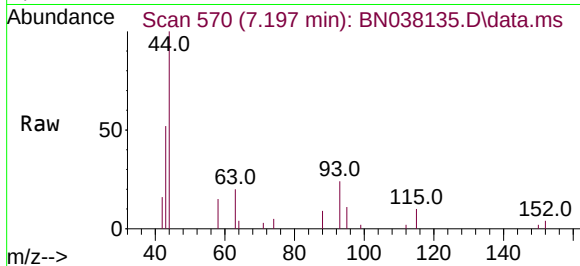




#6
bis(2-Chloroethyl)ether
Concen: 0.038 ng
RT: 7.197 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

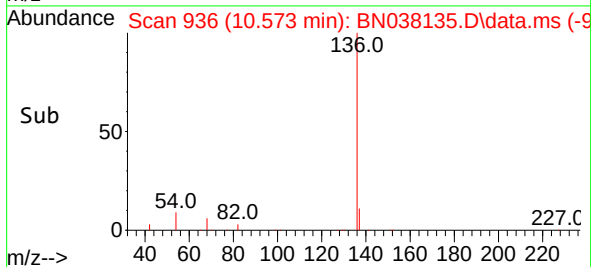
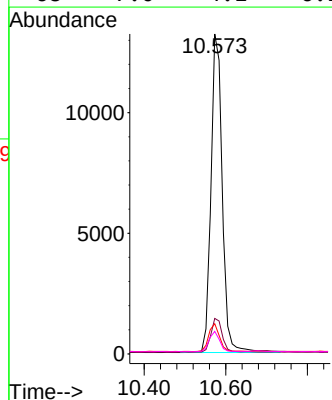
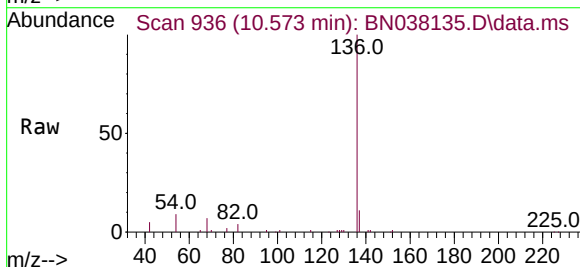
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251030

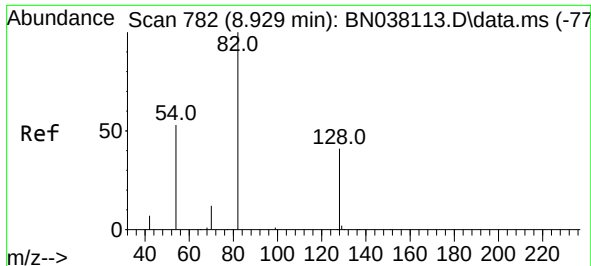
Tgt Ion: 93 Resp: 930
Ion Ratio Lower Upper
93 100
63 80.3 59.3 88.9
95 34.2 25.2 37.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

Tgt Ion:136 Resp: 25357
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.4 5.2 7.8#
68 7.0 4.1 6.1#

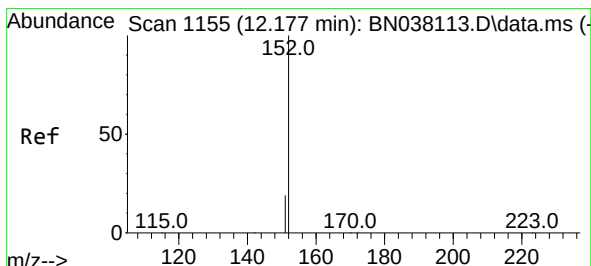
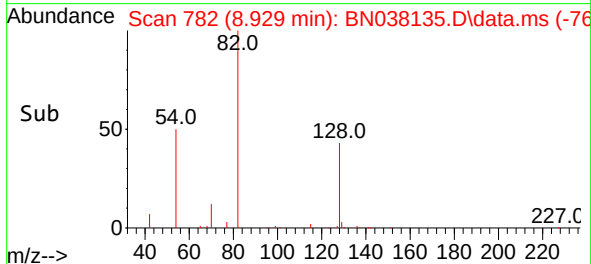
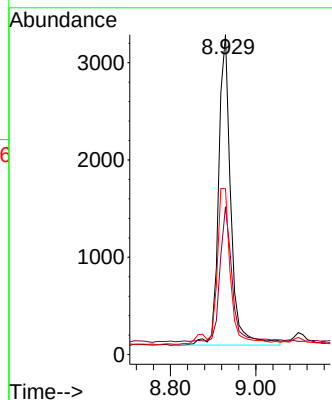
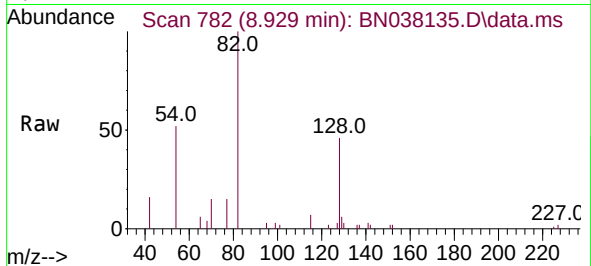




#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

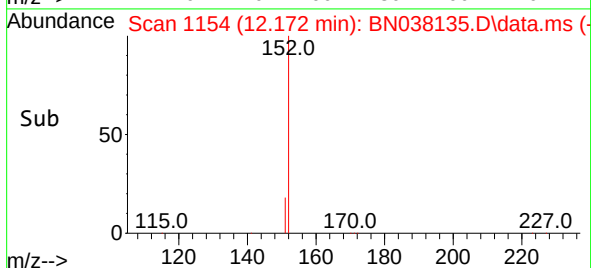
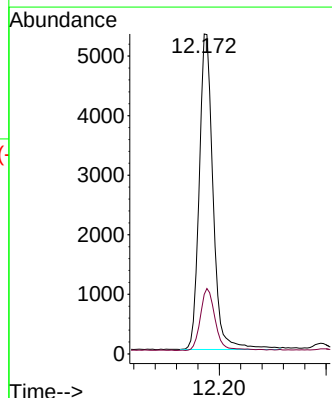
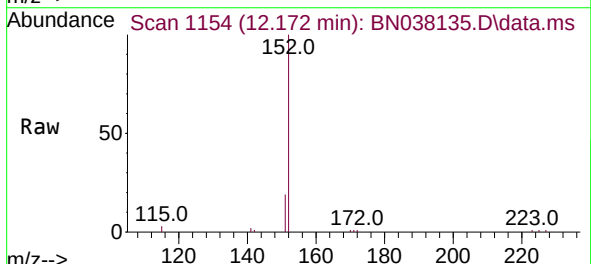
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251030

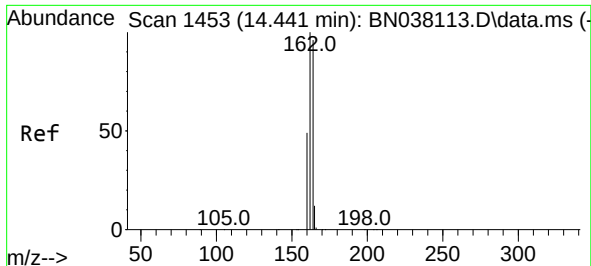
Tgt Ion: 82 Resp: 6316
Ion Ratio Lower Upper
82 100
128 46.2 34.1 51.1
54 51.8 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

Tgt Ion: 152 Resp: 9507
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2

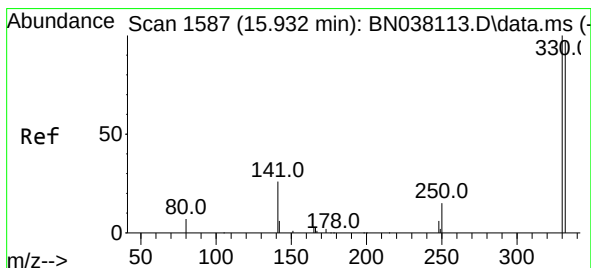
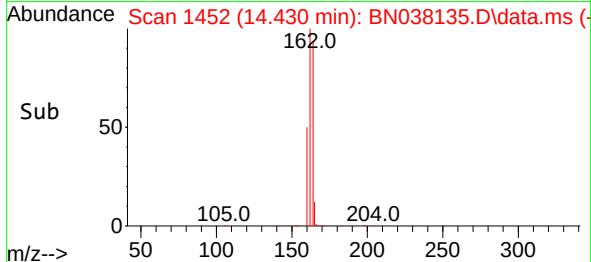
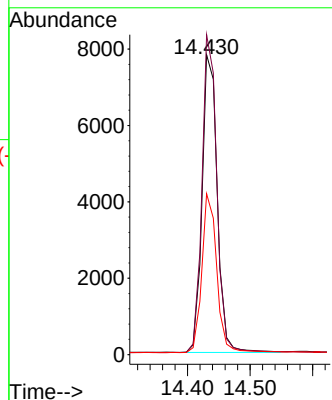
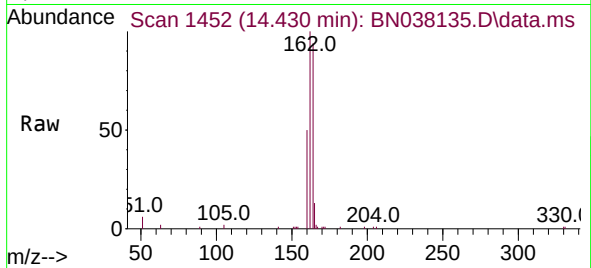




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

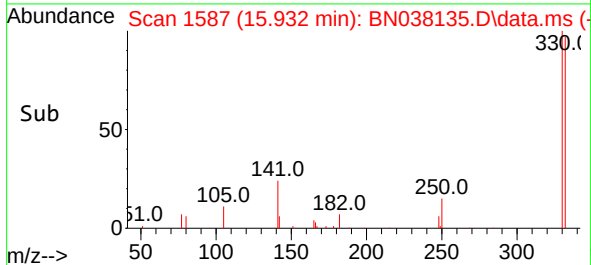
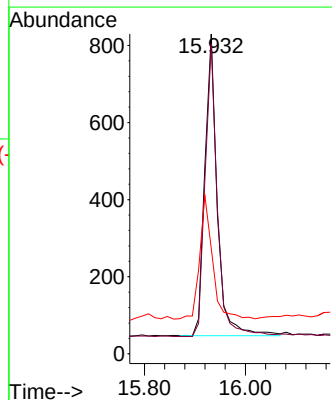
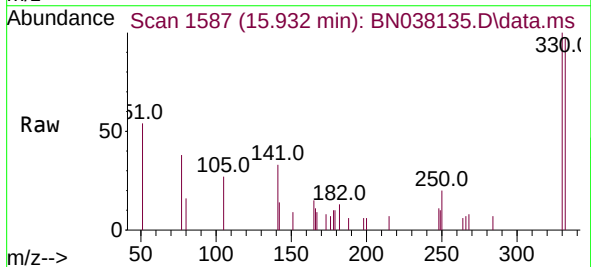
Instrument :
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ClientSampleId :
RW5-SP100-20251030

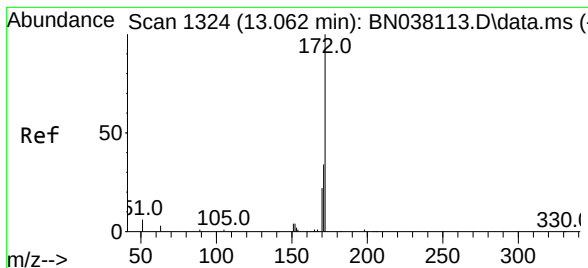
Tgt Ion:164 Resp: 13158
Ion Ratio Lower Upper
164 100
162 106.7 83.0 124.4
160 53.7 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

Tgt Ion:330 Resp: 1331
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 42.7 34.1 51.1

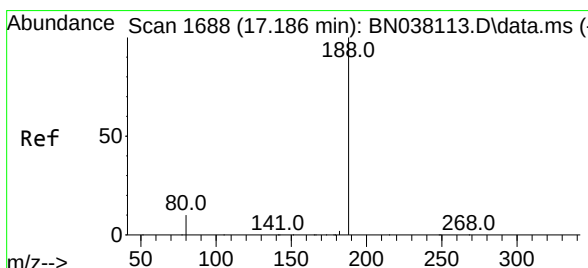
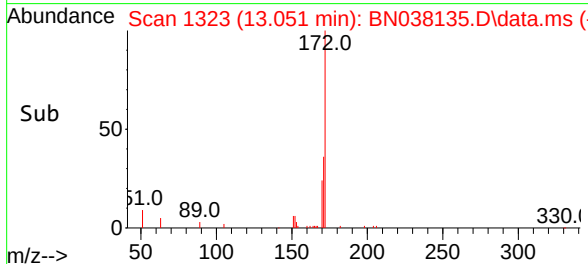
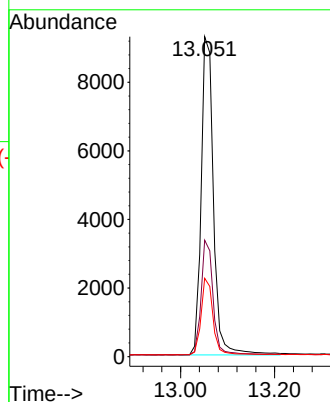
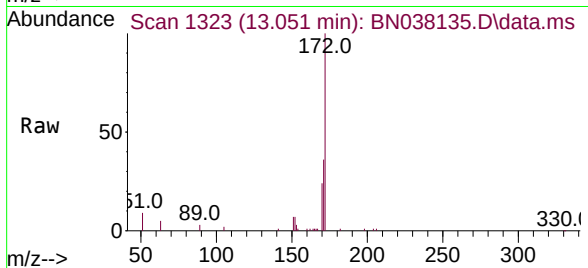




#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

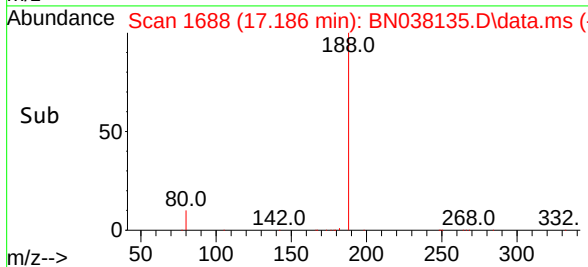
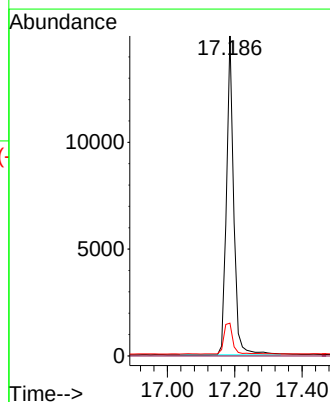
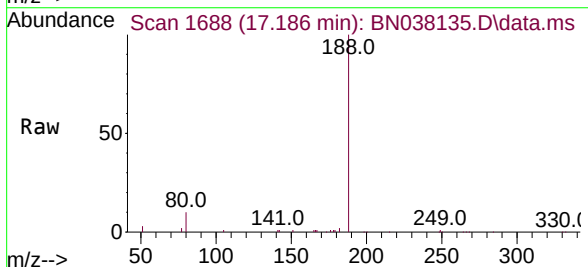
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251030

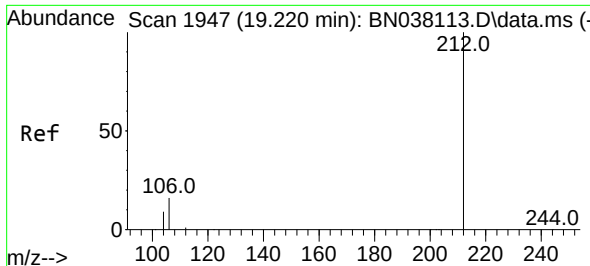
Tgt Ion:	172	Resp:	16049
Ion Ratio	Lower	Upper	
172	100		
171	36.4	27.8	41.6
170	24.5	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

Tgt Ion:	188	Resp:	22343
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.2	8.6	13.0

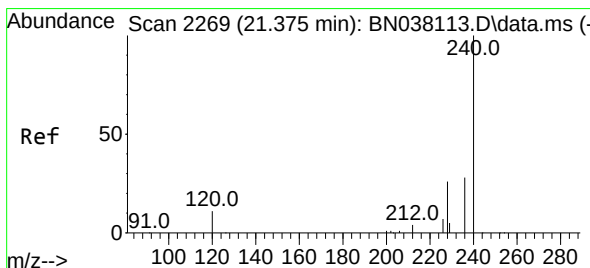
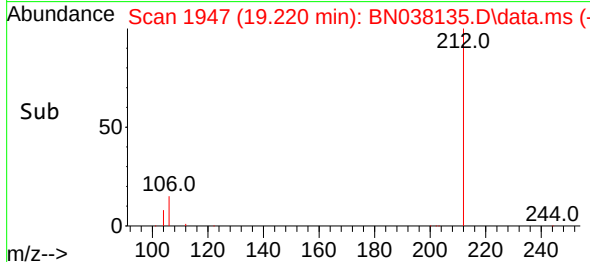
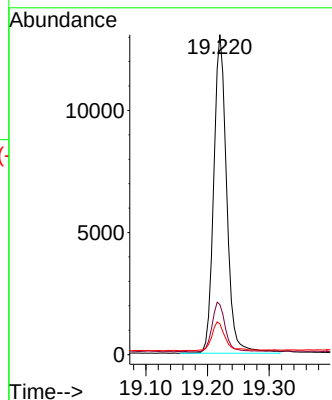
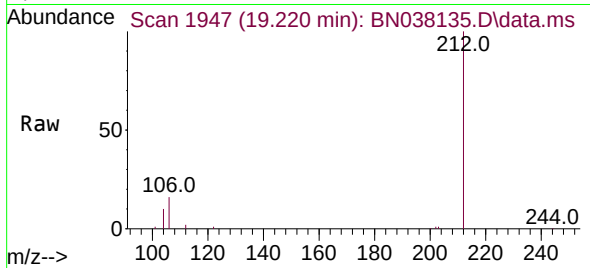




#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

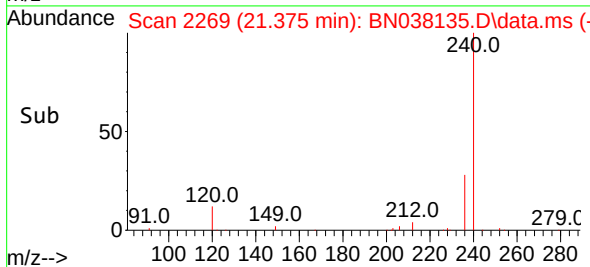
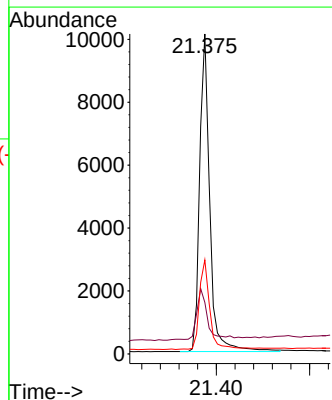
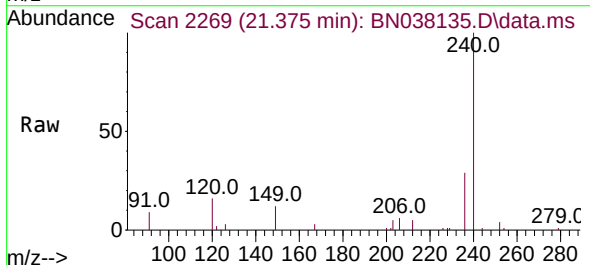
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251030

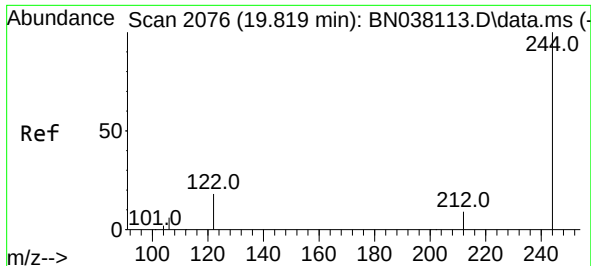
Tgt Ion:212 Resp: 19109
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 9.4 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

Tgt Ion:240 Resp: 15115
Ion Ratio Lower Upper
240 100
120 16.1 10.7 16.1#
236 29.4 23.1 34.7

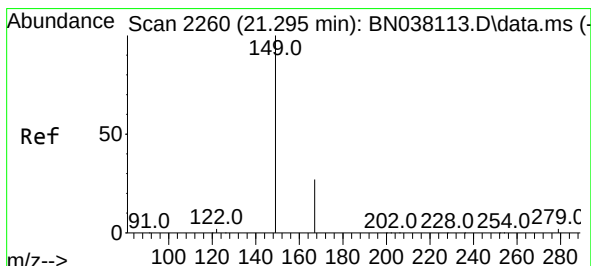
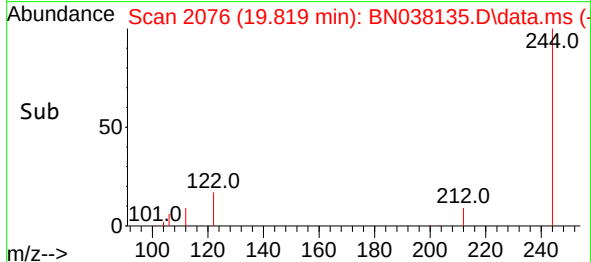
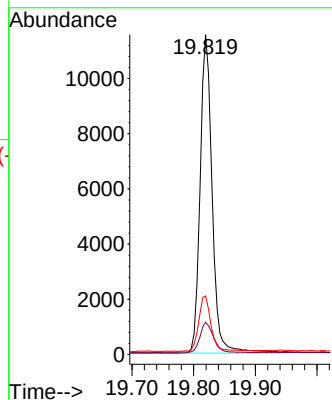
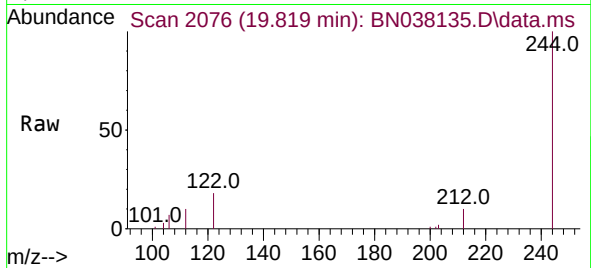




#31
 Terphenyl-d14
 Concen: 0.474 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN038135.D
 Acq: 04 Nov 2025 14:08

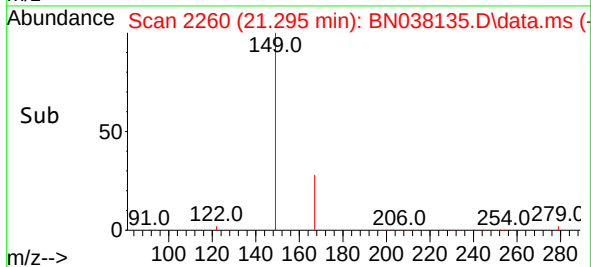
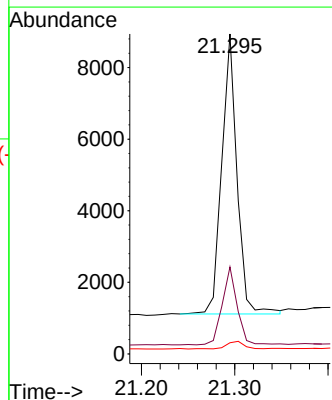
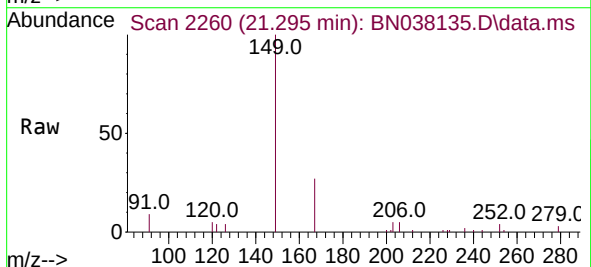
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20251030

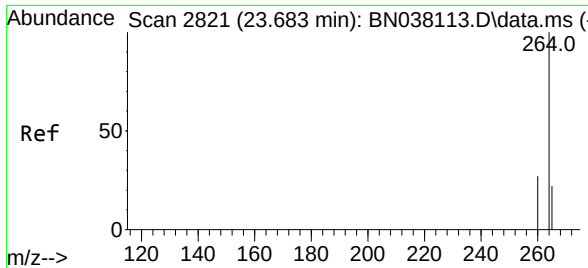
Tgt Ion:244 Resp: 15576
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.8 11.6
 122 18.3 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.314 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN038135.D
 Acq: 04 Nov 2025 14:08

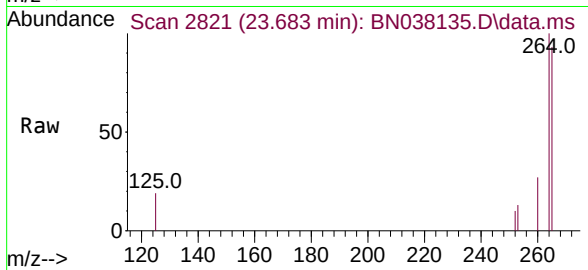
Tgt Ion:149 Resp: 8915
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.1 31.7
 279 3.2 2.9 4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251030



Tgt Ion:264 Resp: 14719

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.8	32.8
265	93.1	68.6	102.8

