

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
 Data File : BN038200.D
 Acq On : 13 Nov 2025 13:27
 Operator : RC/JU
 Sample : Q3584-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SEEP-1

Quant Time: Nov 13 14:19:24 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)

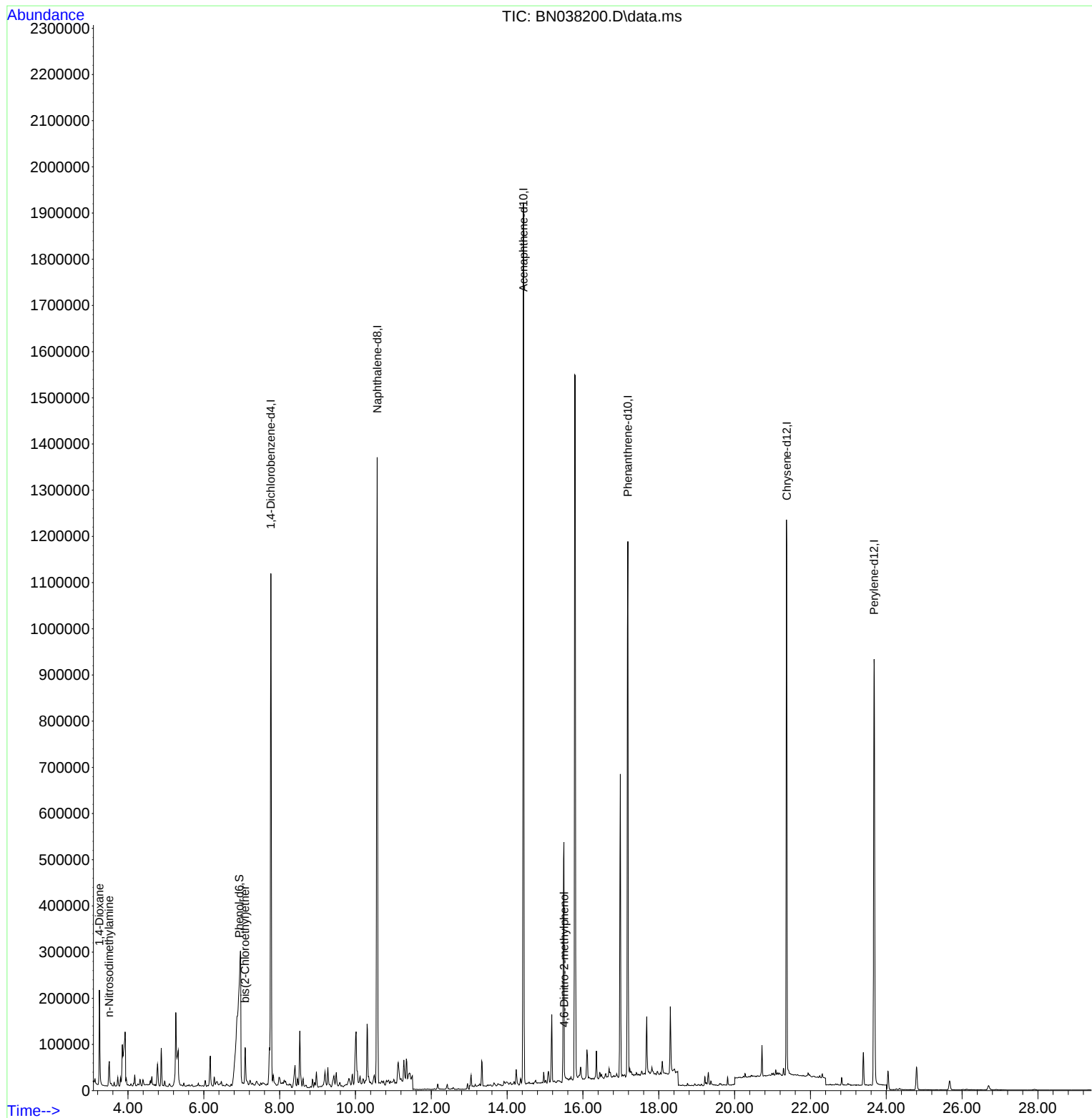
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	538910	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	1785287	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	1021405	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	1654430	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	1150690	0.400	ng	# 0.00
35) Perylene-d12	23.680	264	1246822	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	4784	0.004	ng	0.00
5) Phenol-d6	6.937	99	33992	0.022	ng	0.00
8) Nitrobenzene-d5	8.918	82	8631	0.006	ng	-0.01
11) 2-Methylnaphthalene-d10	12.167	152	14761	0.006	ng	-0.01
14) 2,4,6-Tribromophenol	15.932	330	2878	0.007	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	21384	0.005	ng	0.00
27) Fluoranthene-d10	19.215	212	20805	0.005	ng	0.00
31) Terphenyl-d14	19.815	244	15374	0.006	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	125586	0.226	ng	97
3) n-Nitrosodimethylamine	3.507	42	14754	0.021	ng	# 1
6) bis(2-Chloroethyl)ether	7.089	93	125362	0.083	ng	# 26
20) 4,6-Dinitro-2-methylph...	15.510	198	514	0.185	ng	# 1

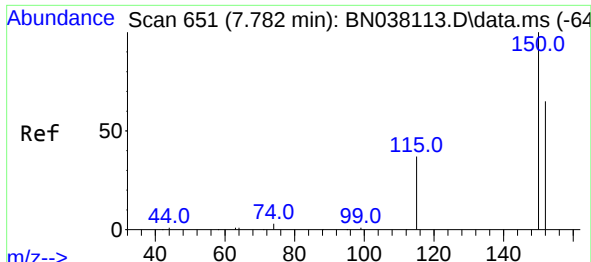
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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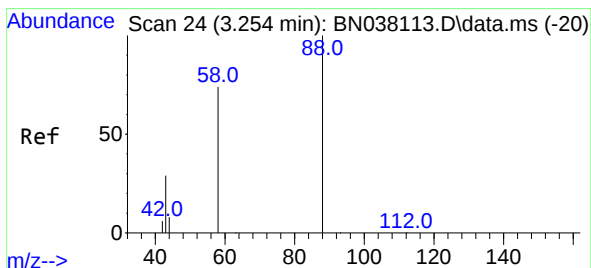
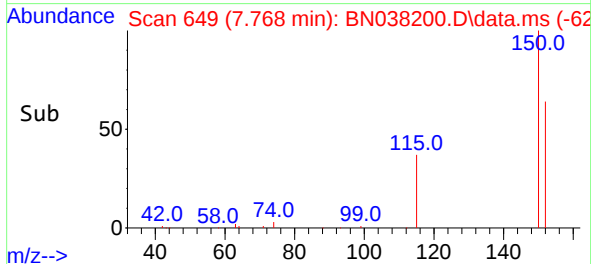
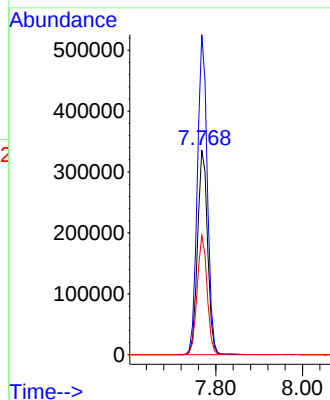
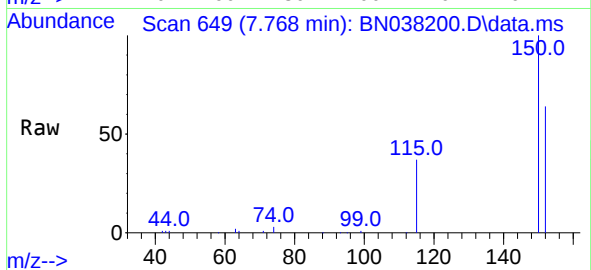




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

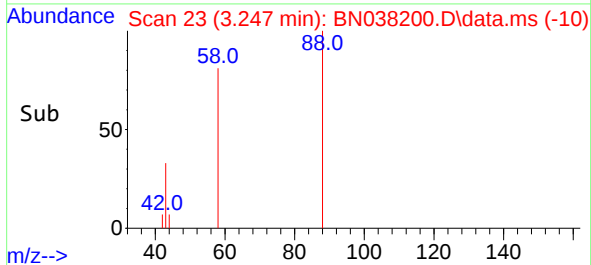
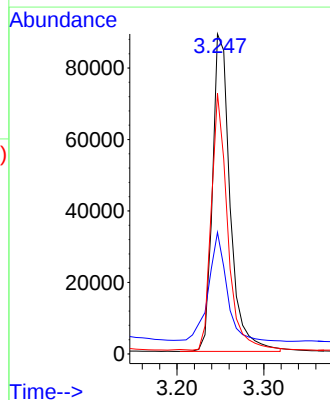
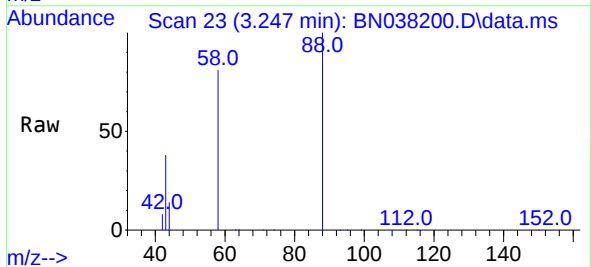
Instrument :
BNA_N
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SEEP-1

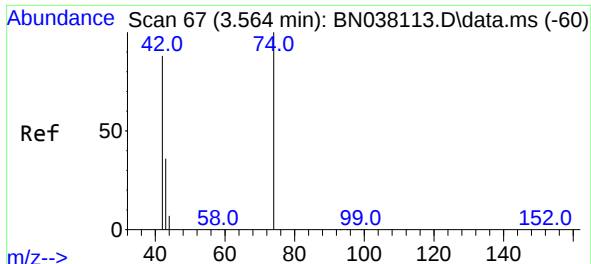
Tgt Ion:152 Resp: 538910
Ion Ratio Lower Upper
152 100
150 156.5 122.3 183.5
115 58.3 47.4 71.0



#2
1,4-Dioxane
Concen: 0.226 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion: 88 Resp: 125586
Ion Ratio Lower Upper
88 100
43 35.2 24.3 36.5
58 74.6 60.4 90.6

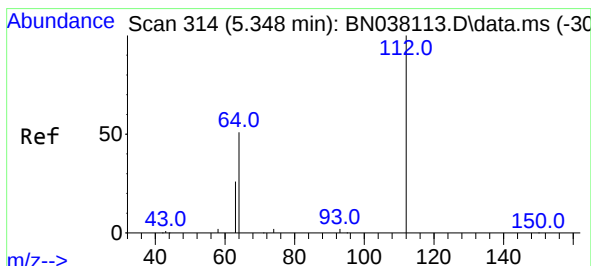
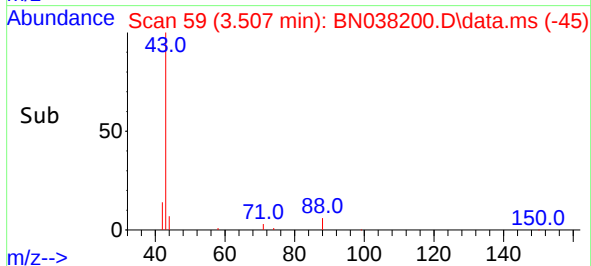
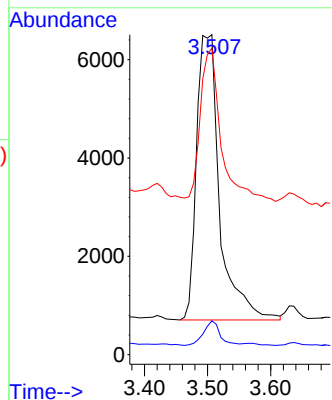
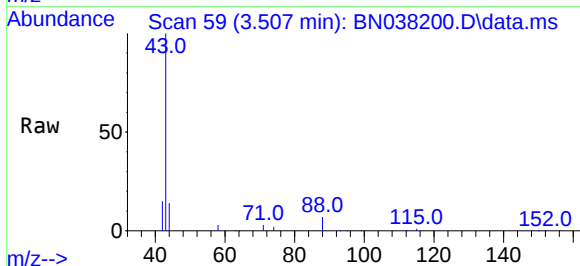




#3
 n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.507 min Scan# 51
 Delta R.T. -0.051 min
 Lab File: BN038200.D
 Acq: 13 Nov 2025 13:27

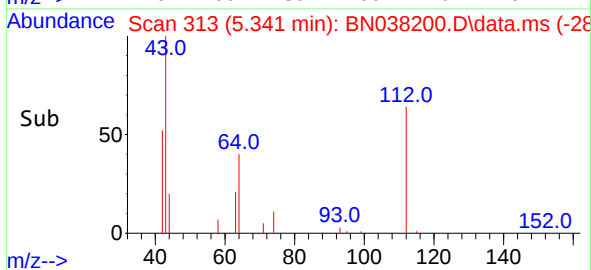
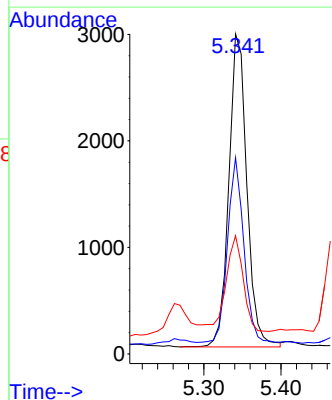
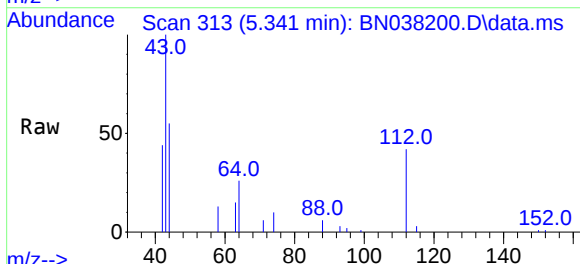
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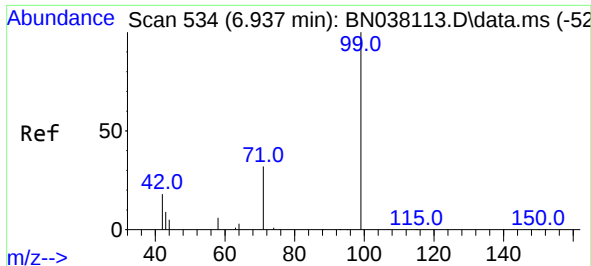
Tgt Ion: 42 Resp: 14754
 Ion Ratio Lower Upper
 42 100
 74 6.1 96.8 145.2#
 44 48.8 5.3 7.9#



#4
 2-Fluorophenol
 Concen: 0.004 ng
 RT: 5.341 min Scan# 313
 Delta R.T. -0.007 min
 Lab File: BN038200.D
 Acq: 13 Nov 2025 13:27

Tgt Ion: 112 Resp: 4784
 Ion Ratio Lower Upper
 112 100
 64 53.6 45.4 68.0
 63 29.0 23.2 34.8

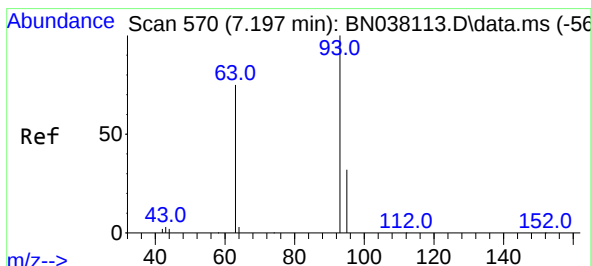
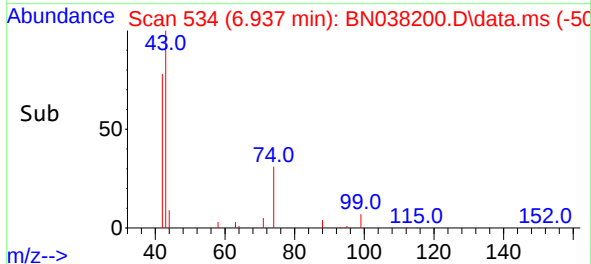
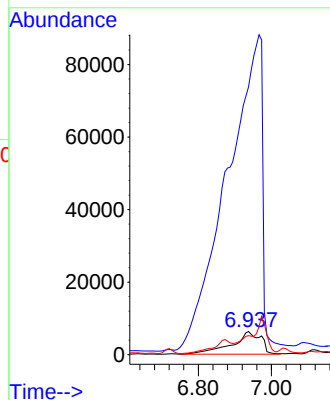
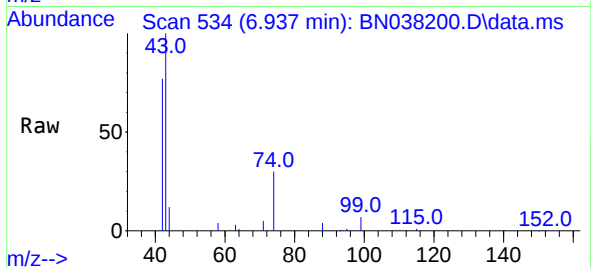




#5
Phenol-d6
Concen: 0.022 ng
RT: 6.937 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

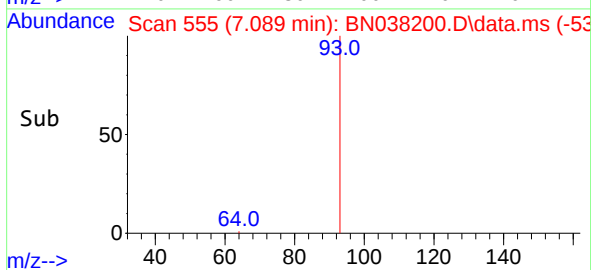
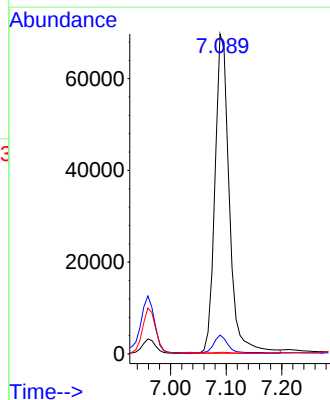
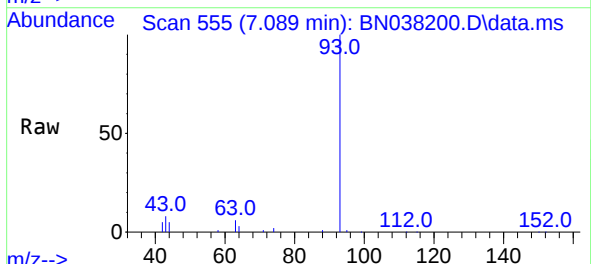
Instrument :
BNA_N
ClientSampleId :
SEEP-1

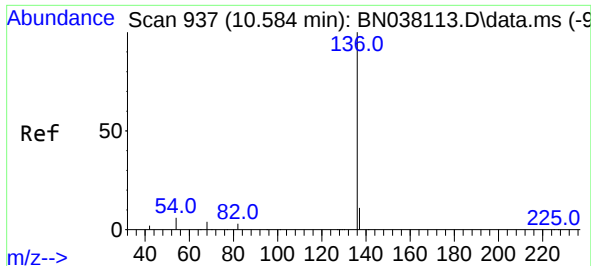
Tgt Ion: 99 Resp: 33992
Ion Ratio Lower Upper
99 100
42 0.0 16.6 24.8#
71 0.0 25.4 38.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.083 ng
RT: 7.089 min Scan# 555
Delta R.T. -0.108 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion: 93 Resp: 125362
Ion Ratio Lower Upper
93 100
63 5.4 59.3 88.9#
95 0.3 25.2 37.8#

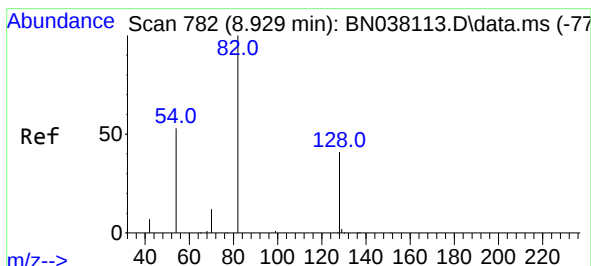
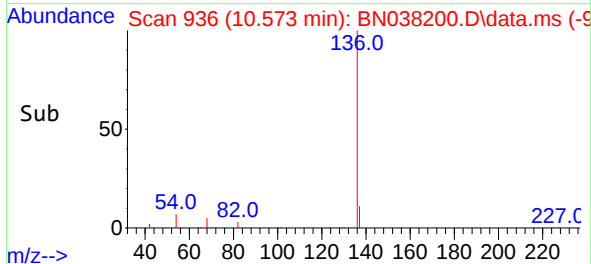
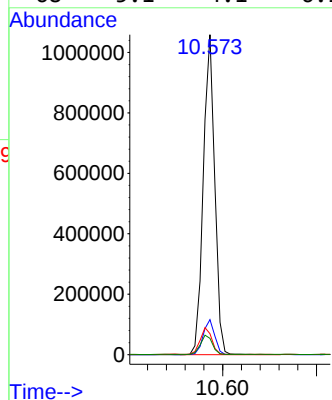
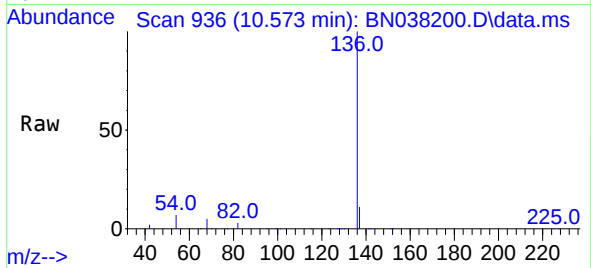




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

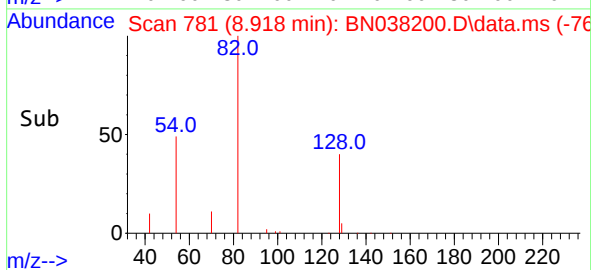
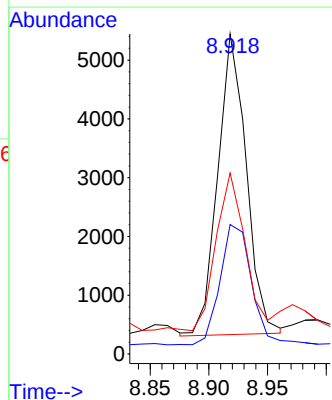
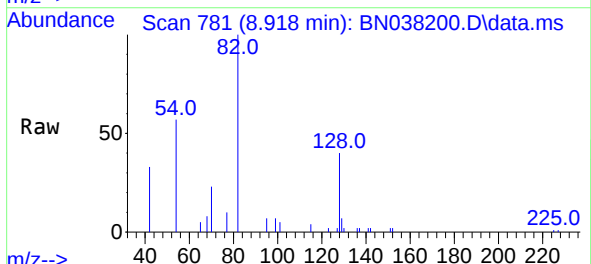
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BNA_N
ClientSampleId :
SEEP-1

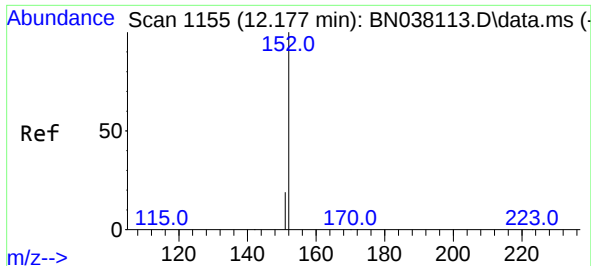
Tgt Ion:136 Resp: 1785287
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.6 5.2 7.8
68 5.1 4.1 6.1



#8
Nitrobenzene-d5
Concen: 0.006 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion: 82 Resp: 8631
Ion Ratio Lower Upper
82 100
128 40.5 34.1 51.1
54 56.6 43.5 65.3

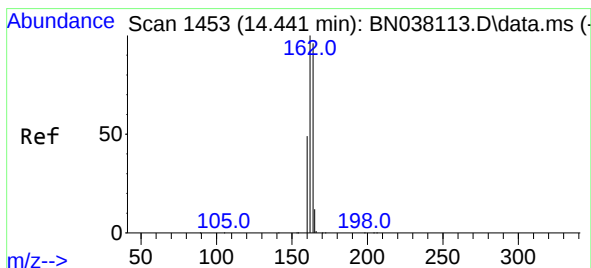
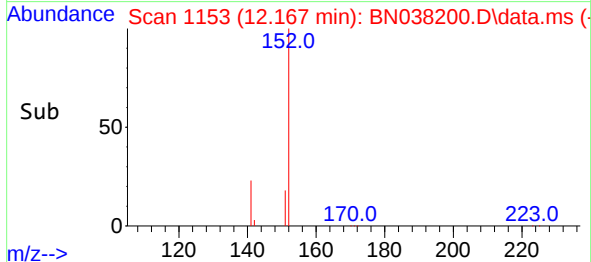
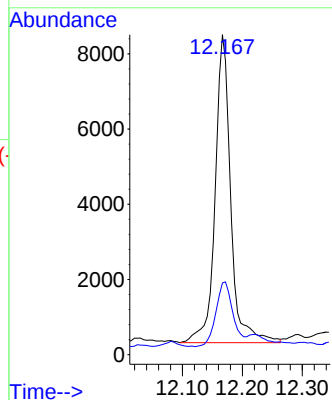
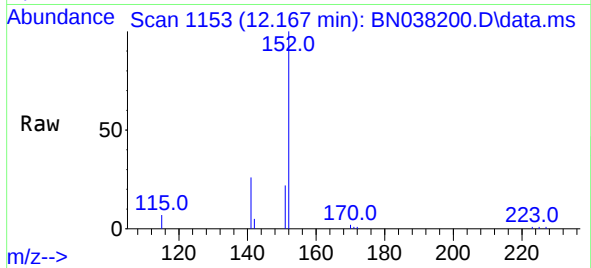




#11
2-Methylnaphthalene-d10
Concen: 0.006 ng
RT: 12.167 min Scan# 1153
Delta R.T. -0.010 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

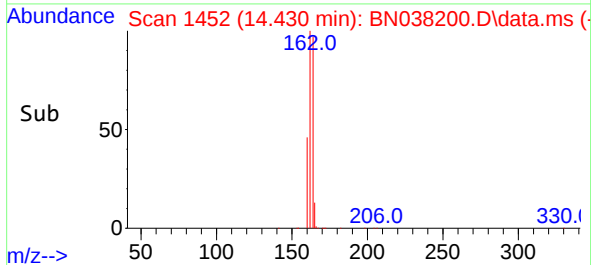
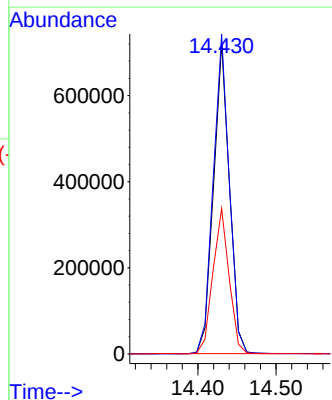
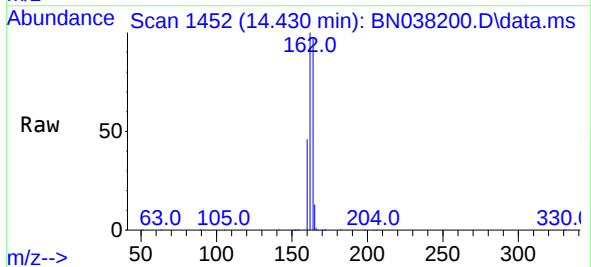
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ClientSampleId :
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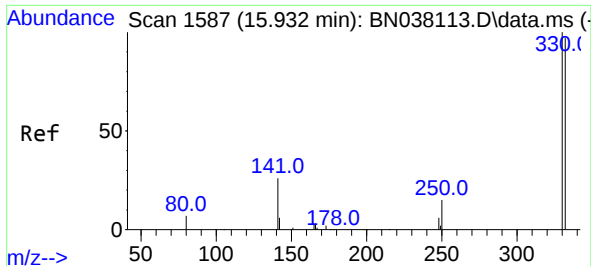
Tgt Ion:152 Resp: 14761
Ion Ratio Lower Upper
152 100
151 23.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:164 Resp: 1021405
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.4
160 46.8 40.7 61.1

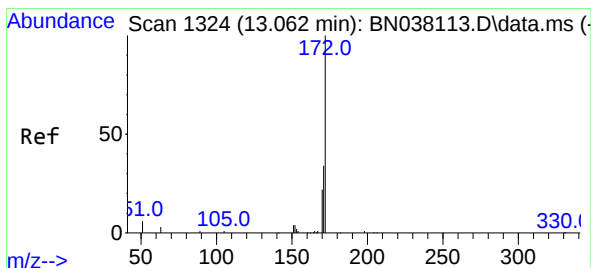
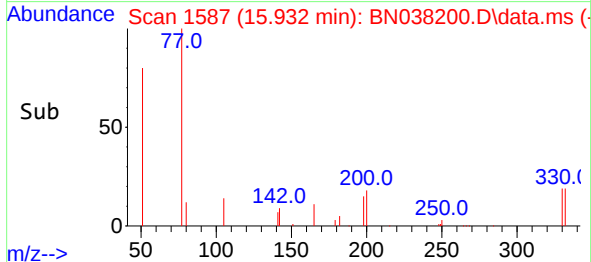
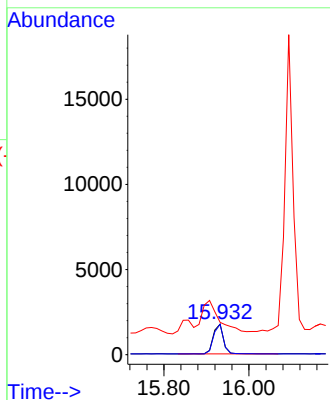
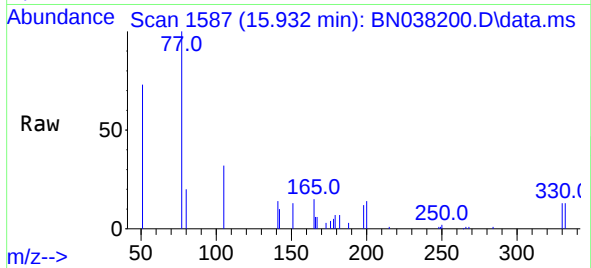




#14
2,4,6-Tribromophenol
Concen: 0.007 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

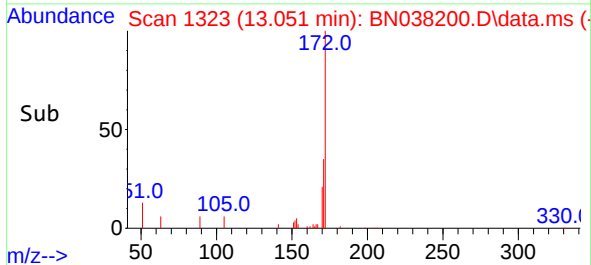
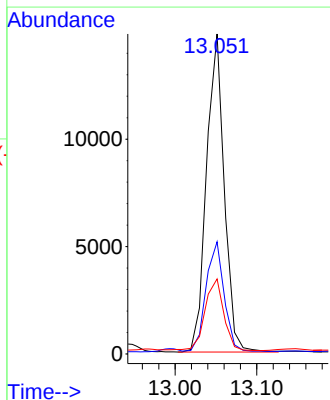
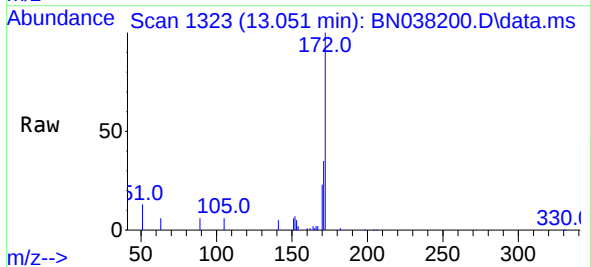
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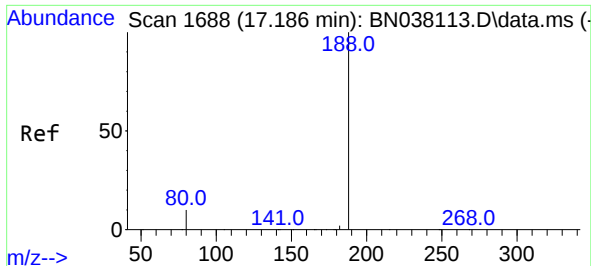
Tgt Ion:330 Resp: 2878
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 0.0 34.1 51.1#



#15
2-Fluorobiphenyl
Concen: 0.005 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:172 Resp: 21384
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.4 18.1 27.1

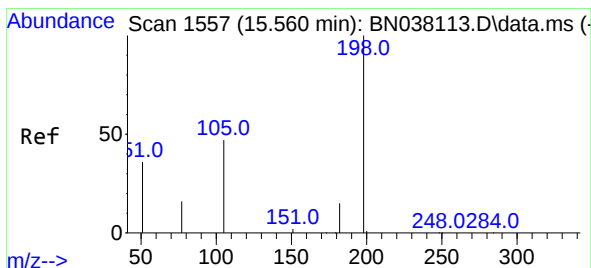
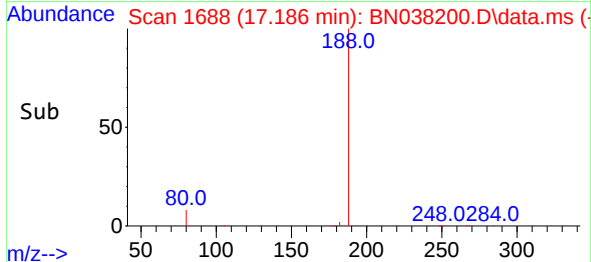
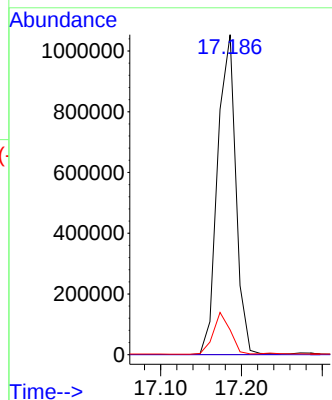
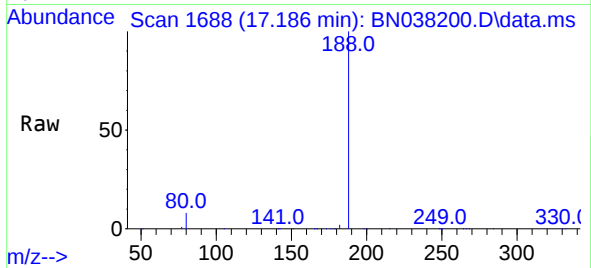




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

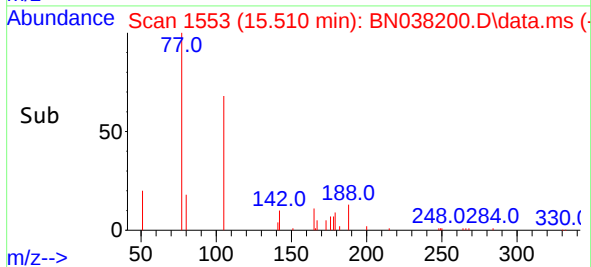
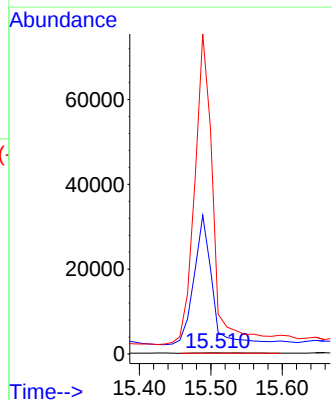
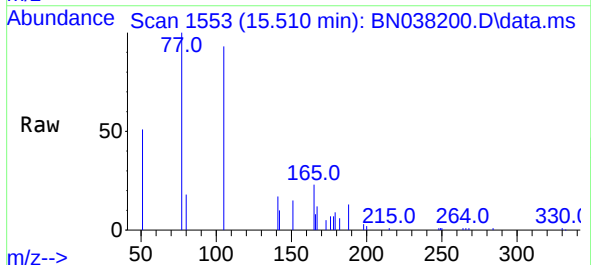
Instrument :
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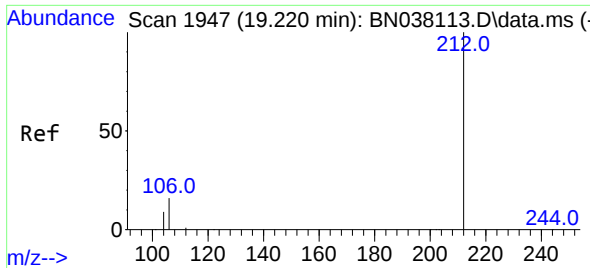
Tgt Ion:188 Resp: 1654430
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 8.6 13.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.185 ng
RT: 15.510 min Scan# 1553
Delta R.T. -0.050 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:198 Resp: 514
Ion Ratio Lower Upper
198 100
51 1824.4 88.9 133.3#
105 3370.6 49.2 73.8#

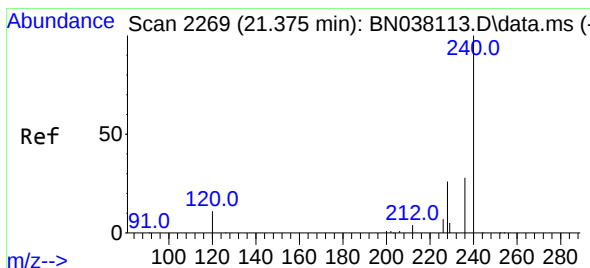
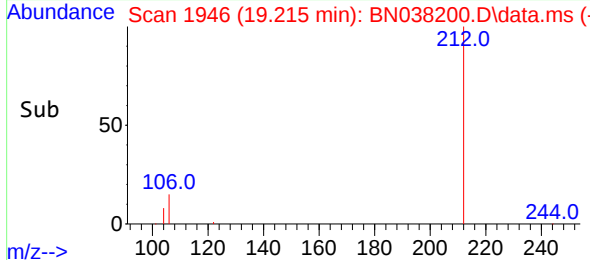
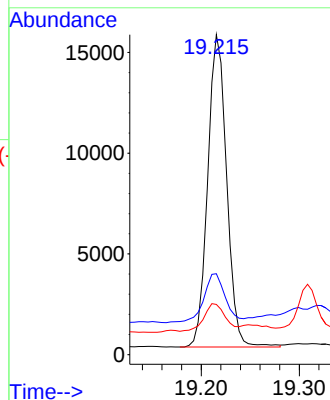
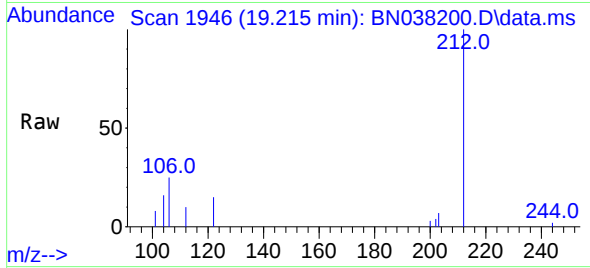




#27
Fluoranthene-d10
Concen: 0.005 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

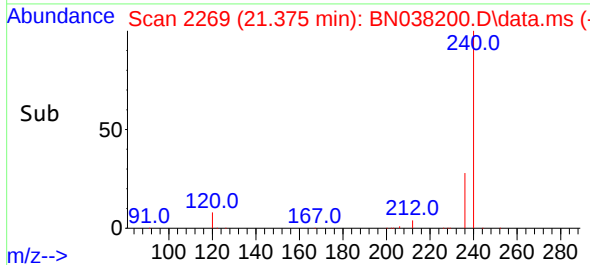
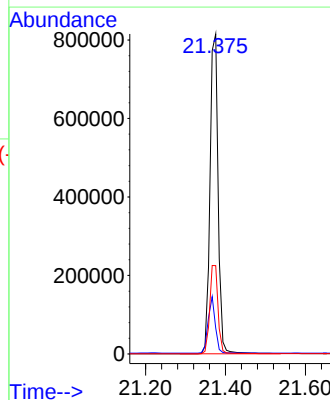
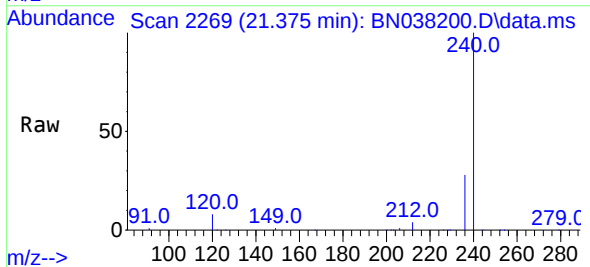
Instrument :
BNA_N
ClientSampleId :
SEEP-1

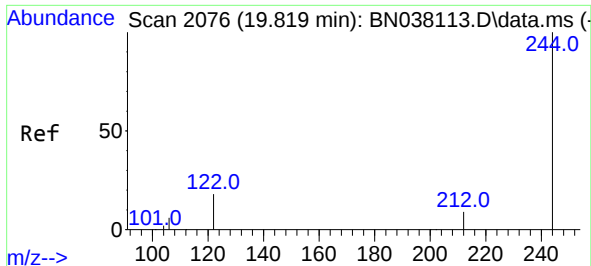
Tgt Ion:212 Resp: 20805
Ion Ratio Lower Upper
212 100
106 18.0 12.6 19.0
104 9.9 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

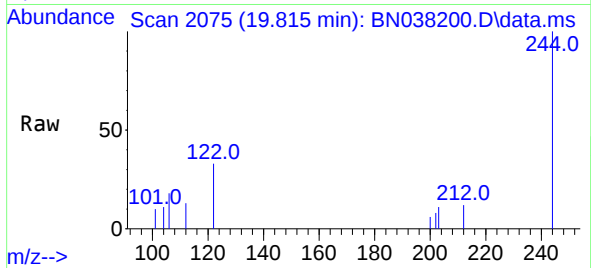
Tgt Ion:240 Resp: 1150690
Ion Ratio Lower Upper
240 100
120 8.1 10.7 16.1#
236 27.6 23.1 34.7



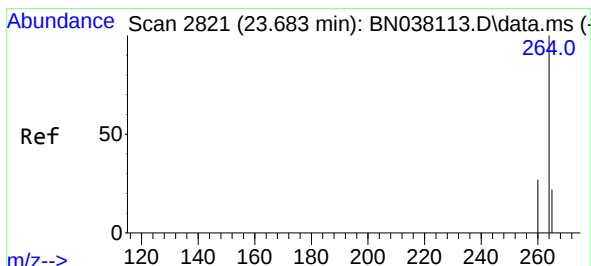
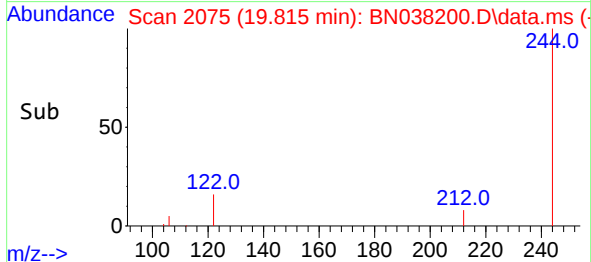
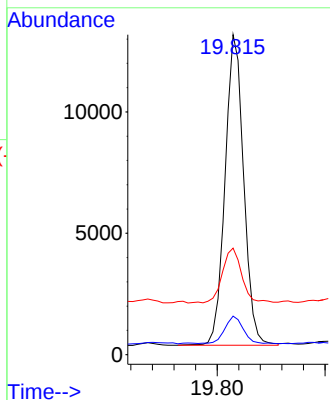


#31
Terphenyl-d14
Concen: 0.006 ng
RT: 19.815 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Instrument :
BNA_N
ClientSampleId :
SEEP-1



Tgt Ion:244 Resp: 15374
Ion Ratio Lower Upper
244 100
212 12.1 7.8 11.6#
122 33.3 15.2 22.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.680 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:264 Resp: 1246822
Ion Ratio Lower Upper
264 100
260 26.8 21.8 32.8
265 22.4 68.6 102.8#

