

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038313.D
 Acq On : 11 Dec 2025 12:25
 Operator : RC/JU
 Sample : Q3757-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-490-120325

Quant Time: Dec 11 12:52:53 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)

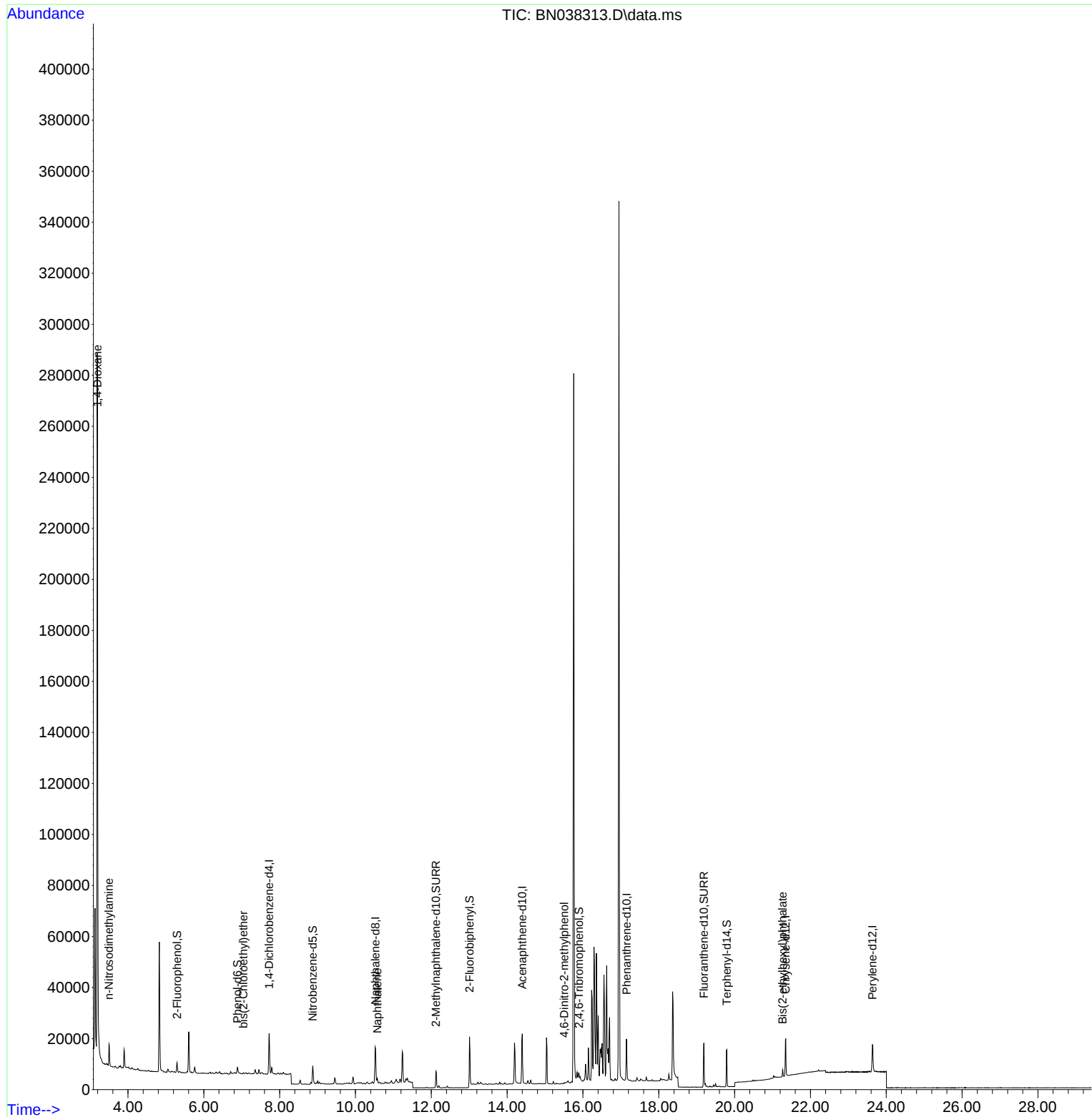
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	7415	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	20111	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	10732	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	19954	0.400	ng	# 0.00
29) Chrysene-d12	21.348	240	14276	0.400	ng	# 0.00
35) Perylene-d12	23.636	264	14578	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	3082	0.167	ng	0.00
5) Phenol-d6	6.886	99	2265	0.103	ng	0.00
8) Nitrobenzene-d5	8.875	82	5813	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	8721	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1828	0.384	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	16951	0.328	ng	0.00
27) Fluoranthene-d10	19.187	212	18094	0.367	ng	0.00
31) Terphenyl-d14	19.791	244	13649	0.428	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.196	88	160554	18.884	ng	99
3) n-Nitrosodimethylamine	3.499	42	689	0.065	ng	# 1
6) bis(2-Chloroethyl)ether	7.045	93	776	0.036	ng	# 26
9) Naphthalene	10.573	128	2469	0.042	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.510	198	193	0.059	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.268	149	2816	0.093	ng	# 99

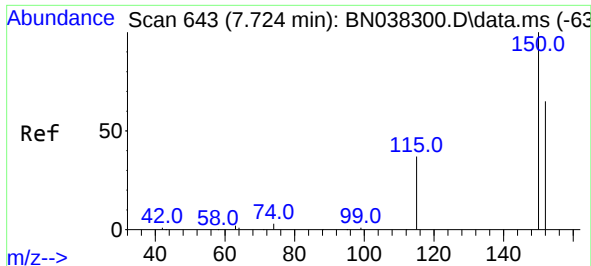
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038313.D
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Sample : Q3757-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
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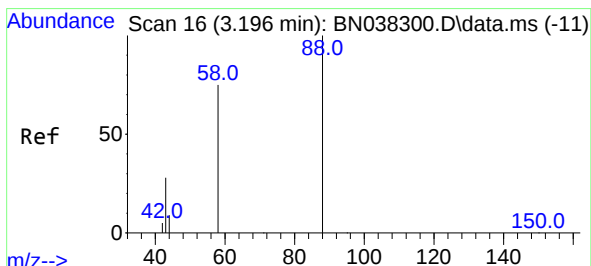
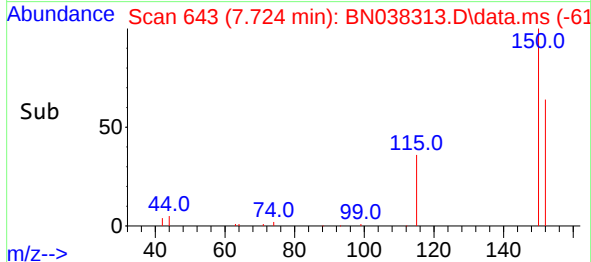
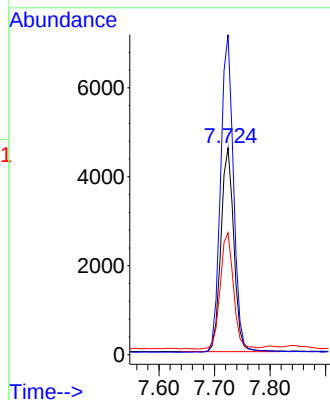
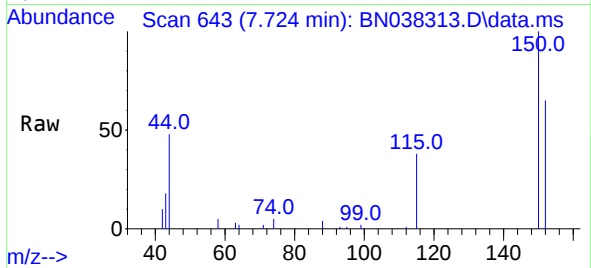




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

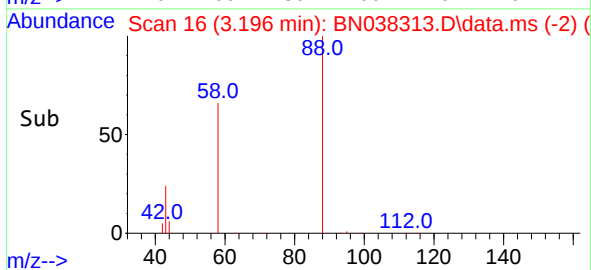
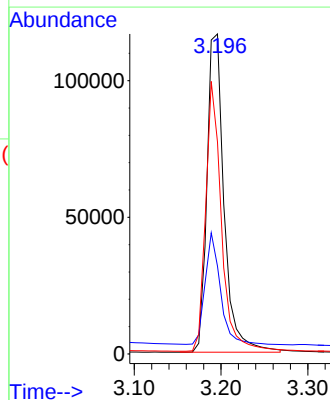
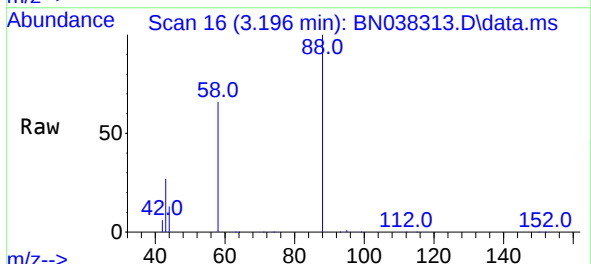
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

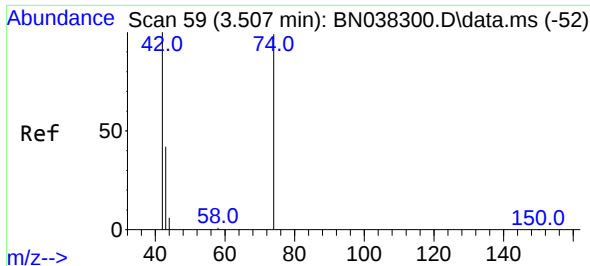
Tgt Ion:152 Resp: 7415
Ion Ratio Lower Upper
152 100
150 154.8 122.4 183.6
115 59.0 47.3 70.9



#2
1,4-Dioxane
Concen: 18.884 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion: 88 Resp: 160554
Ion Ratio Lower Upper
88 100
43 31.2 24.9 37.3
58 77.5 61.4 92.0

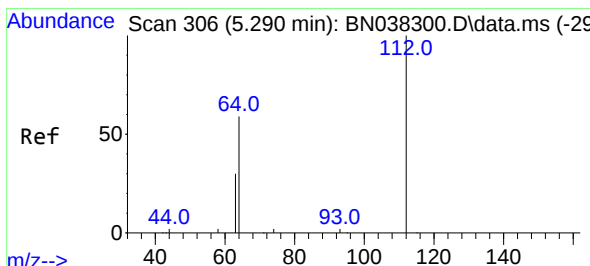
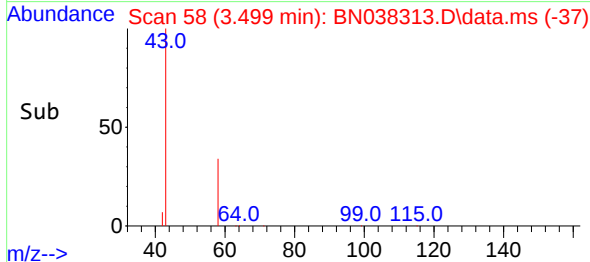
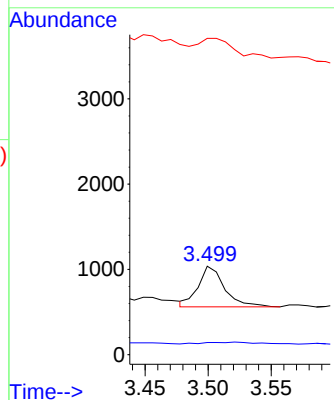
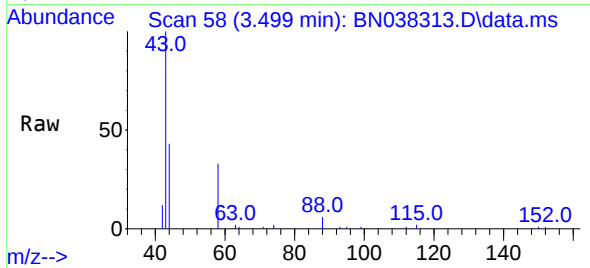




#3
n-Nitrosodimethylamine
Concen: 0.065 ng
RT: 3.499 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

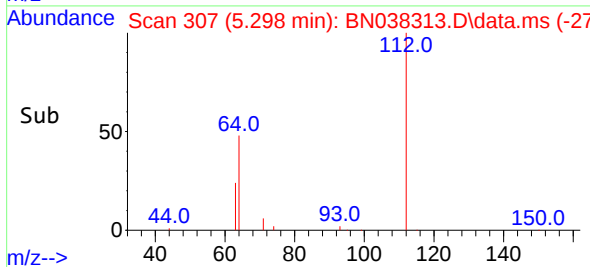
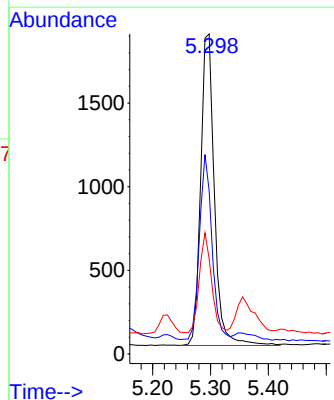
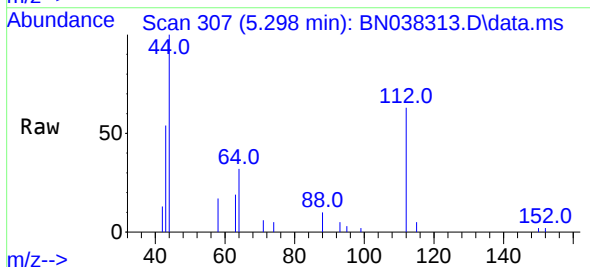
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

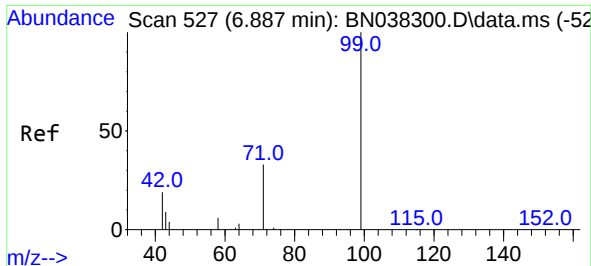
Tgt Ion: 42 Resp: 689
Ion Ratio Lower Upper
42 100
74 0.0 95.3 142.9#
44 60.4 7.9 11.9#



#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.298 min Scan# 307
Delta R.T. 0.007 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion: 112 Resp: 3082
Ion Ratio Lower Upper
112 100
64 55.2 44.4 66.6
63 28.4 23.4 35.0

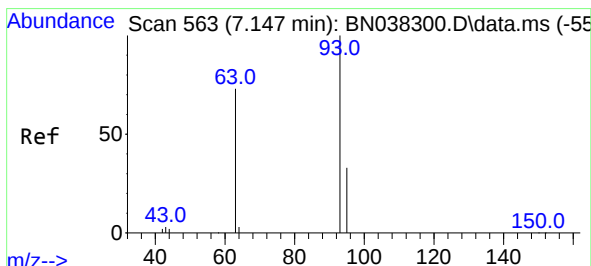
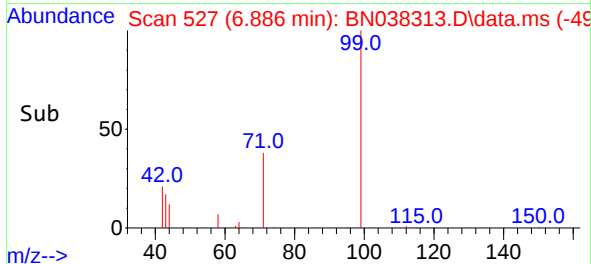
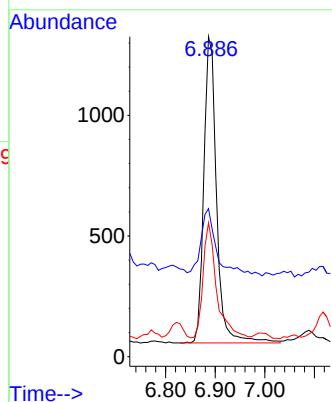
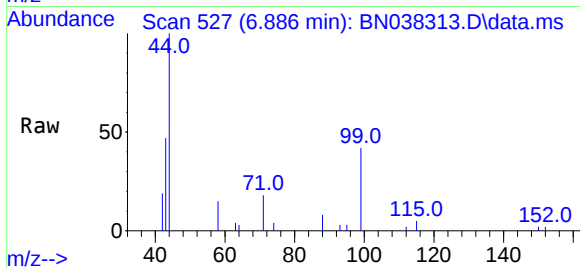




#5
Phenol-d6
Concen: 0.103 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

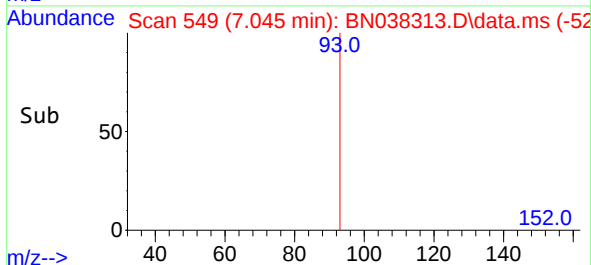
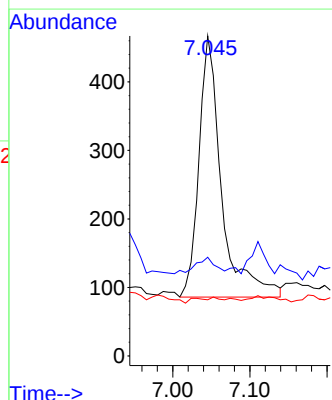
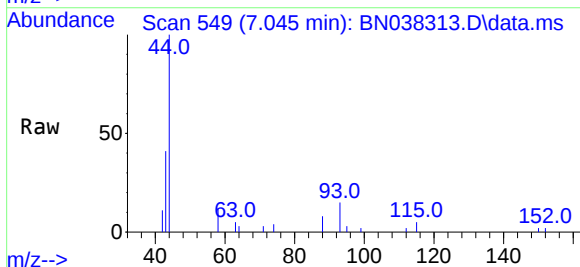
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

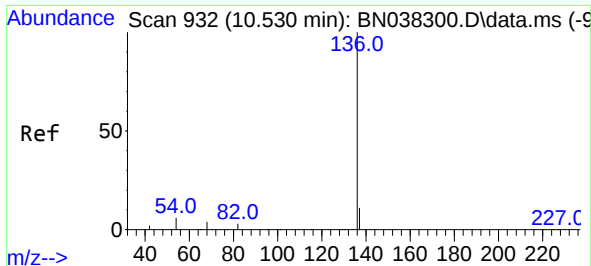
Tgt Ion: 99 Resp: 2265
Ion Ratio Lower Upper
99 100
42 27.9 16.5 24.7#
71 40.7 24.9 37.3#



#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.045 min Scan# 549
Delta R.T. -0.101 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion: 93 Resp: 776
Ion Ratio Lower Upper
93 100
63 5.4 59.2 88.8#
95 0.0 25.2 37.8#

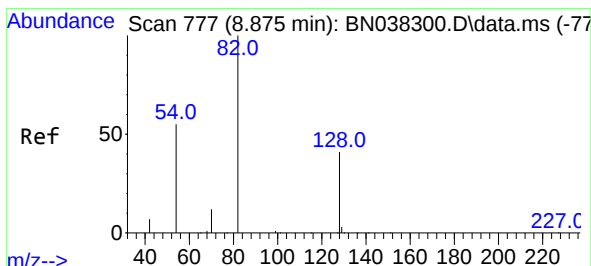
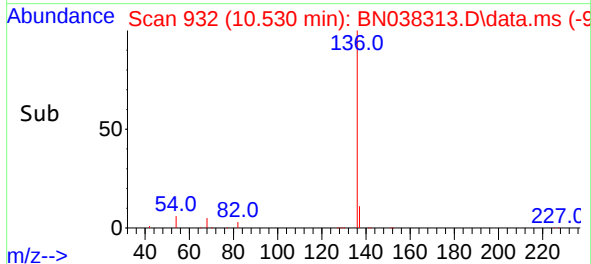
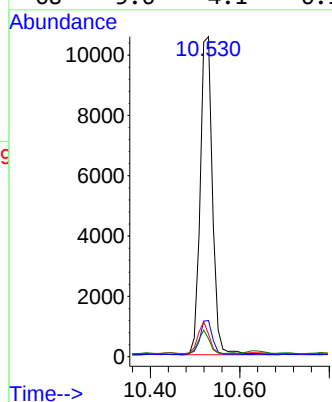
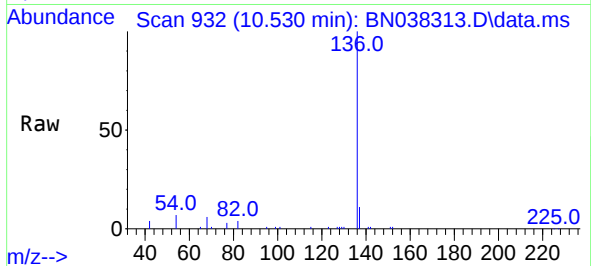




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

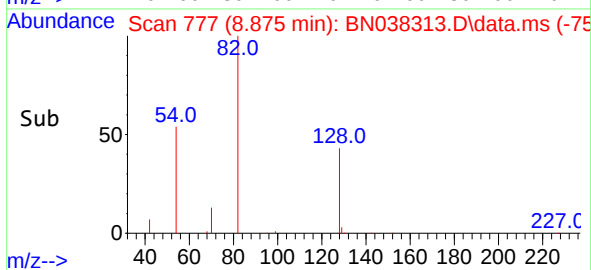
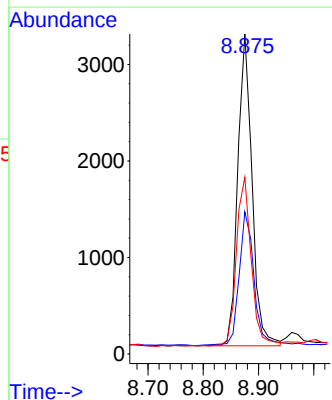
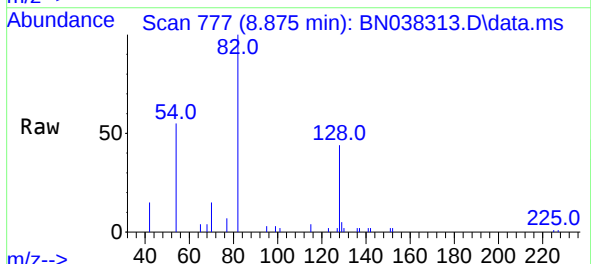
Instrument :
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ClientSampleId :
BR-03D-490-120325

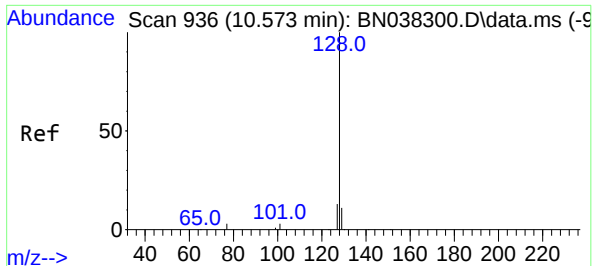
Tgt Ion:	136	Resp:	20111
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.0	5.2	7.8
68	5.6	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:	82	Resp:	5813
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	55.3	44.4	66.6

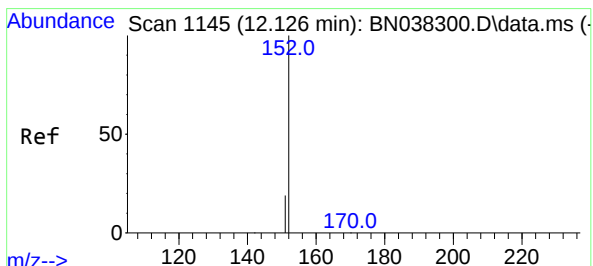
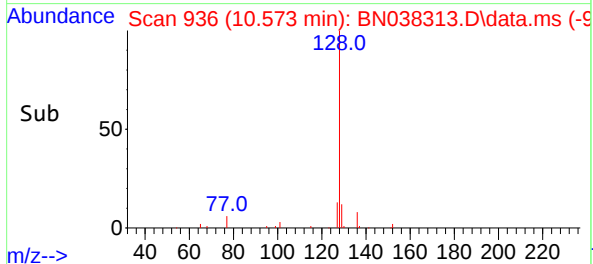
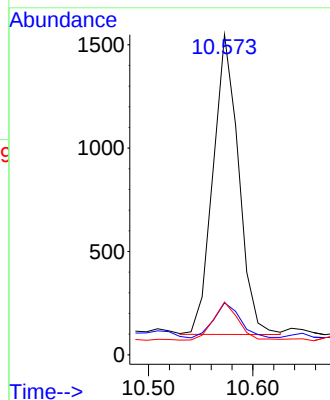
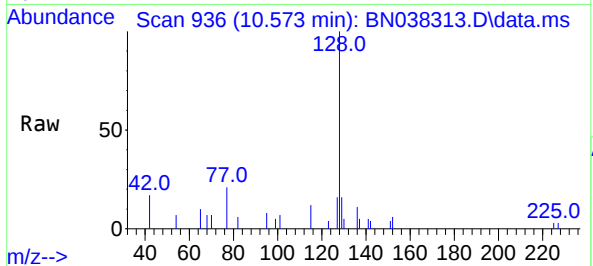




#9
Naphthalene
Concen: 0.042 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

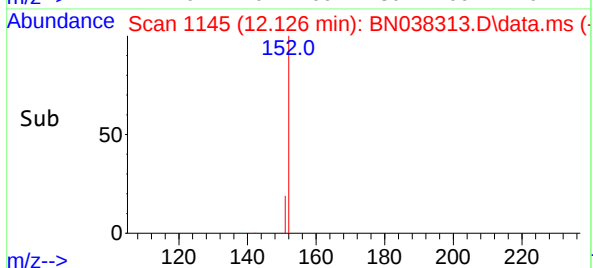
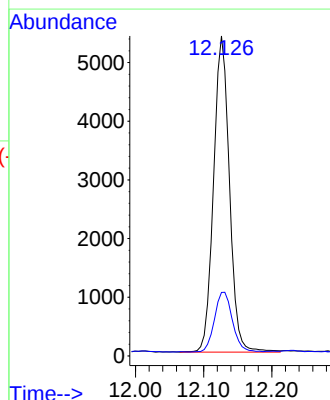
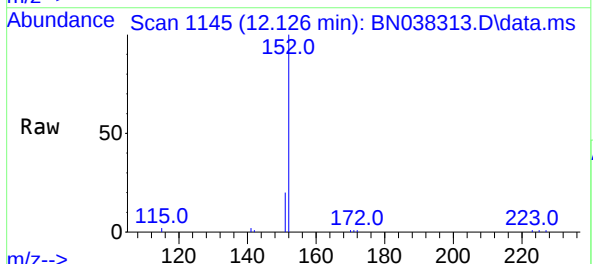
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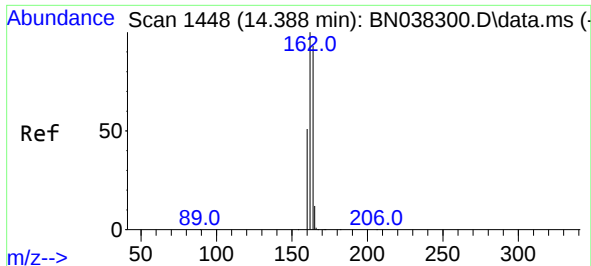
Tgt Ion:128 Resp: 2469
Ion Ratio Lower Upper
128 100
129 16.2 9.1 13.7#
127 16.5 10.9 16.3#



#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:152 Resp: 8721
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6

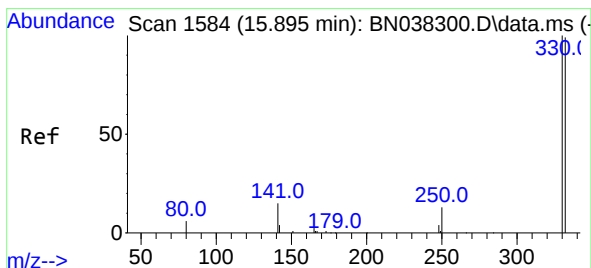
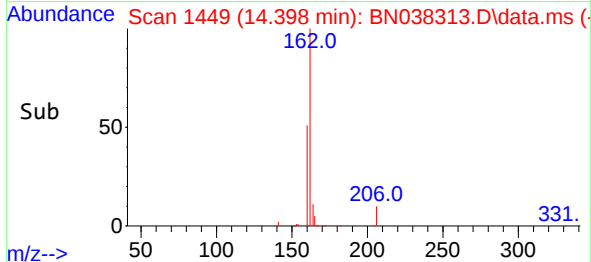
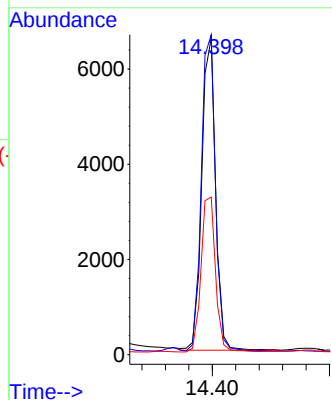
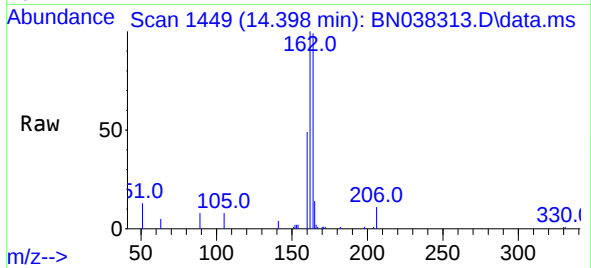




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

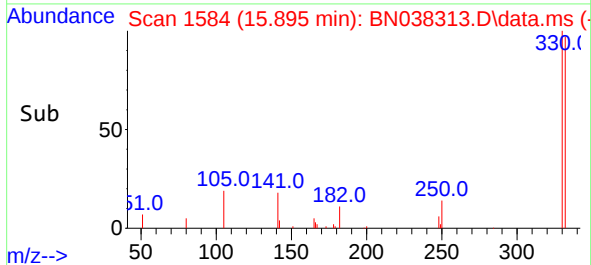
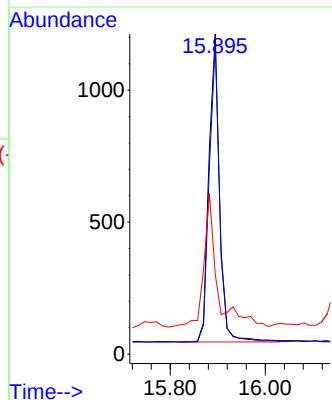
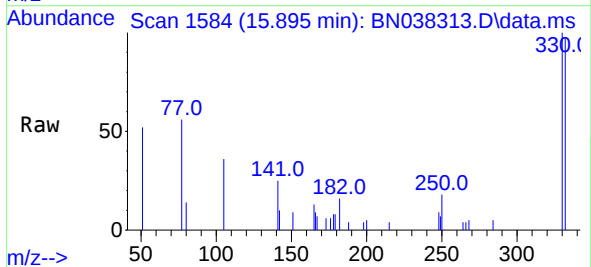
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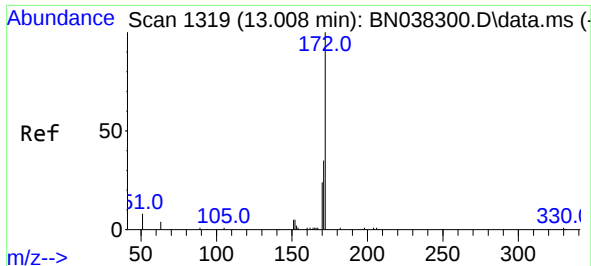
Tgt Ion:164 Resp: 10732
Ion Ratio Lower Upper
164 100
162 101.1 86.2 129.4
160 49.8 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.895 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:330 Resp: 1828
Ion Ratio Lower Upper
330 100
332 95.7 75.8 113.6
141 45.1 31.8 47.8

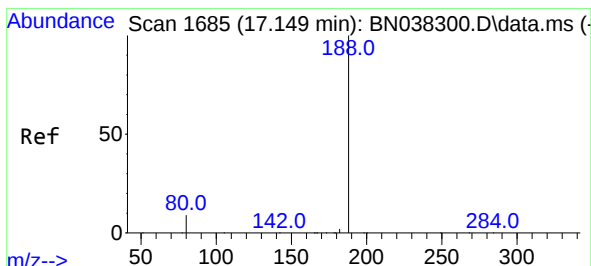
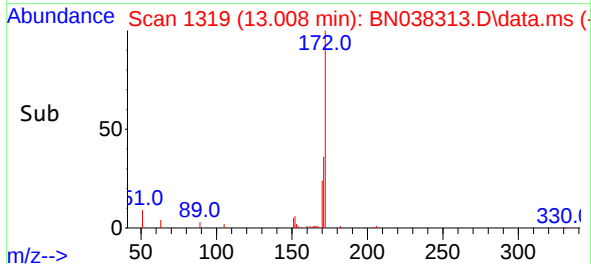
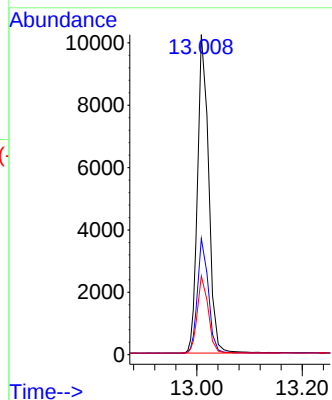
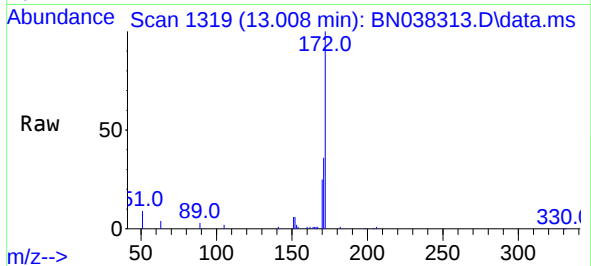




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

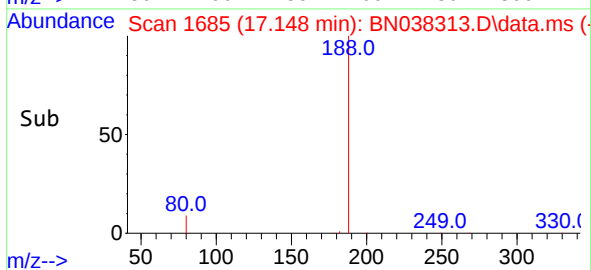
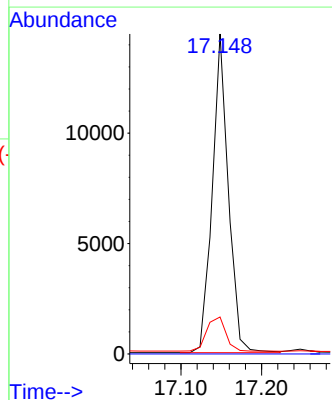
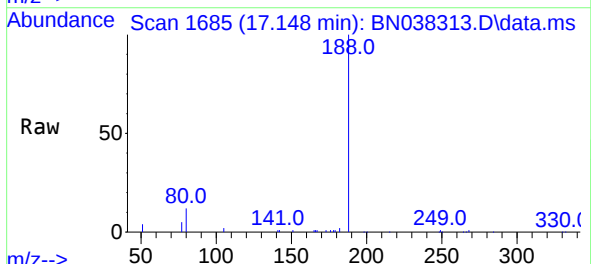
Instrument :
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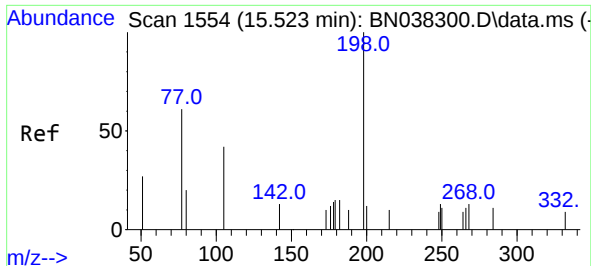
Tgt Ion:	172	Resp:	16951
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	42.8
170	24.6	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:	188	Resp:	19954
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	7.4	11.0

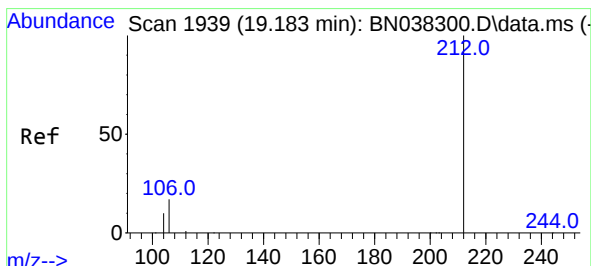
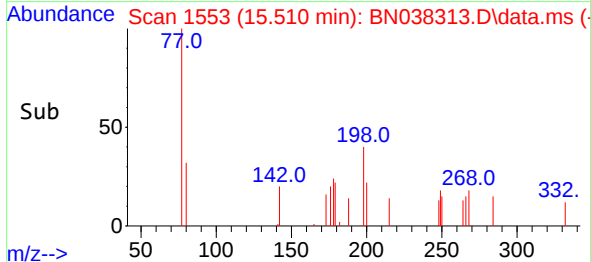
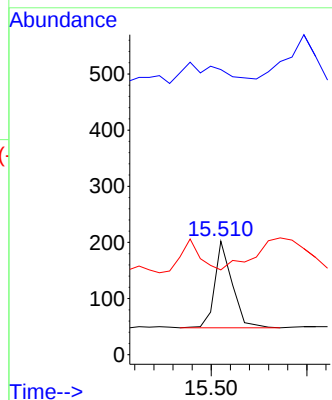
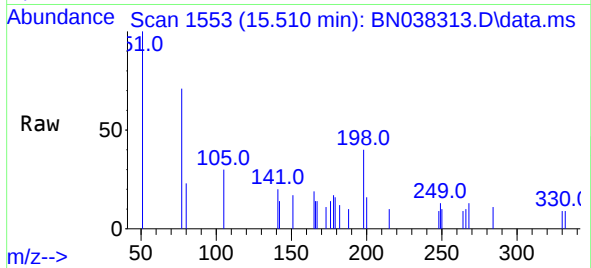




#20
4,6-Dinitro-2-methylphenol
Concen: 0.059 ng
RT: 15.510 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

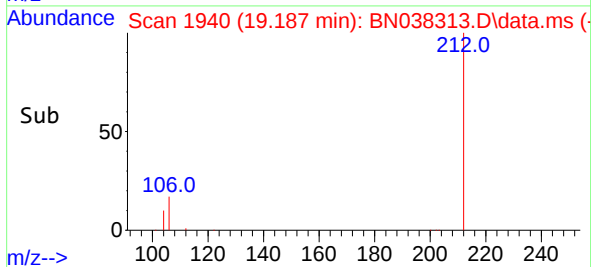
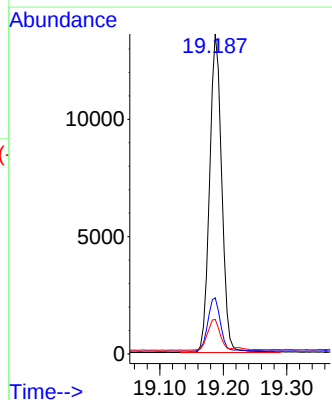
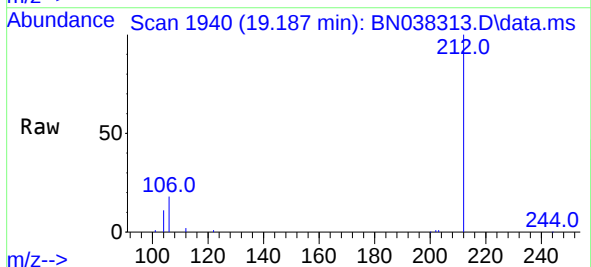
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

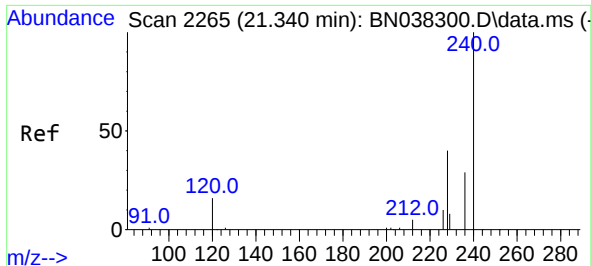
Tgt Ion:198 Resp: 193
Ion Ratio Lower Upper
198 100
51 251.5 86.3 129.5#
105 74.8 45.3 67.9#



#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.187 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:212 Resp: 18094
Ion Ratio Lower Upper
212 100
106 17.2 13.7 20.5
104 9.9 7.8 11.8

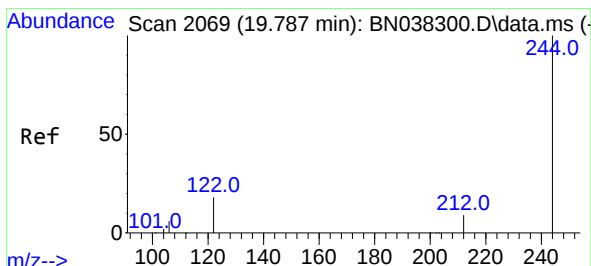
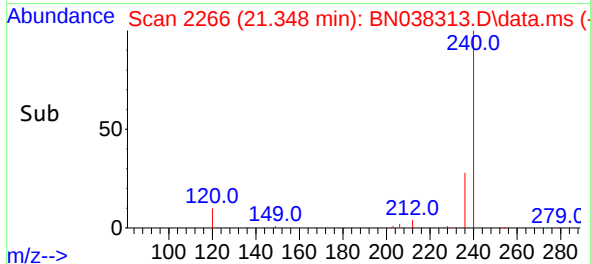
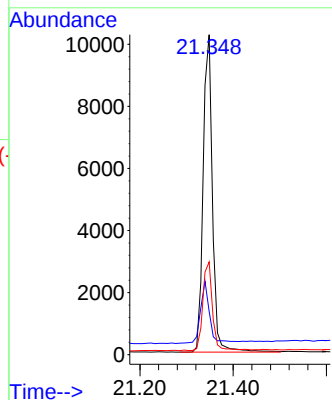
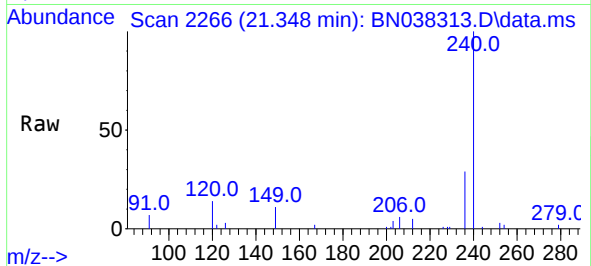




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.348 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

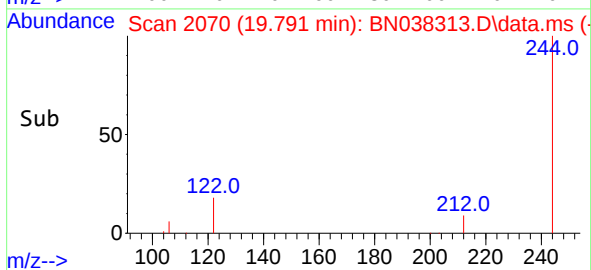
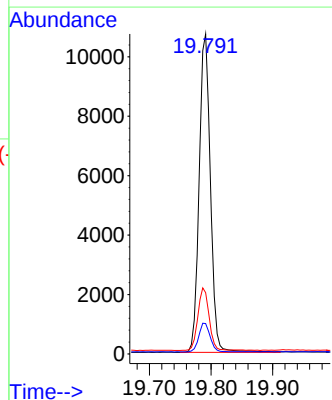
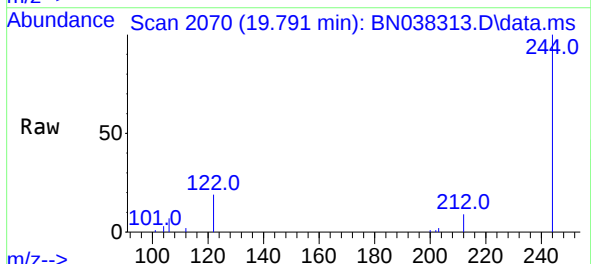
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

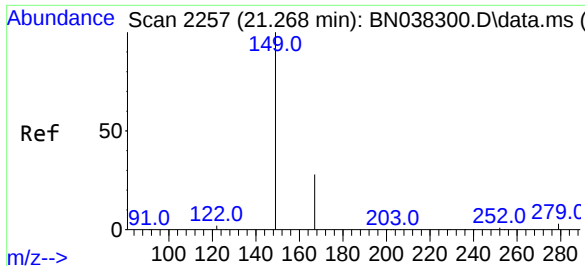
Tgt Ion:240 Resp: 14276
Ion Ratio Lower Upper
240 100
120 13.5 15.4 23.2#
236 29.0 23.9 35.9



#31
Terphenyl-d14
Concen: 0.428 ng
RT: 19.791 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:244 Resp: 13649
Ion Ratio Lower Upper
244 100
212 9.5 7.9 11.9
122 19.1 15.0 22.6

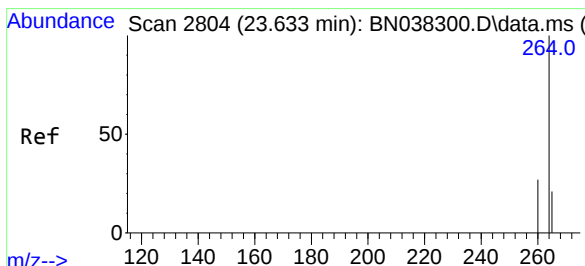
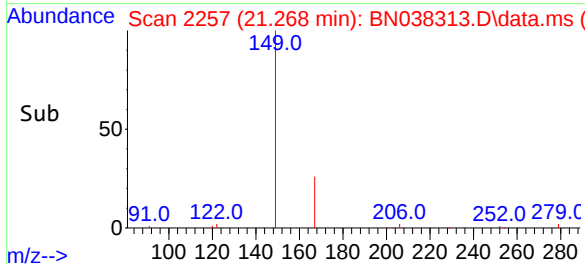
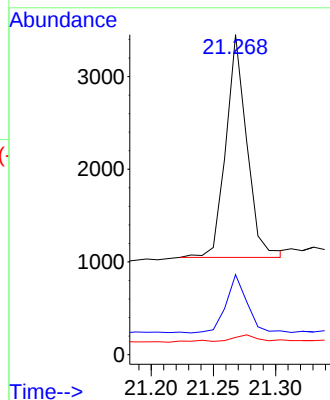
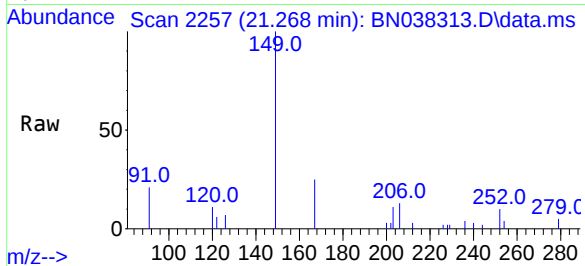




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

Tgt Ion:149 Resp: 2816
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 3.7 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: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:264 Resp: 14578
Ion Ratio Lower Upper
264 100
260 27.5 22.2 33.2
265 80.2 80.2 120.2#

