

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038162.D
 Acq On : 07 Nov 2025 19:46
 Operator : RC/JU
 Sample : Q3552-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-8

Quant Time: Nov 08 03:05:57 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)

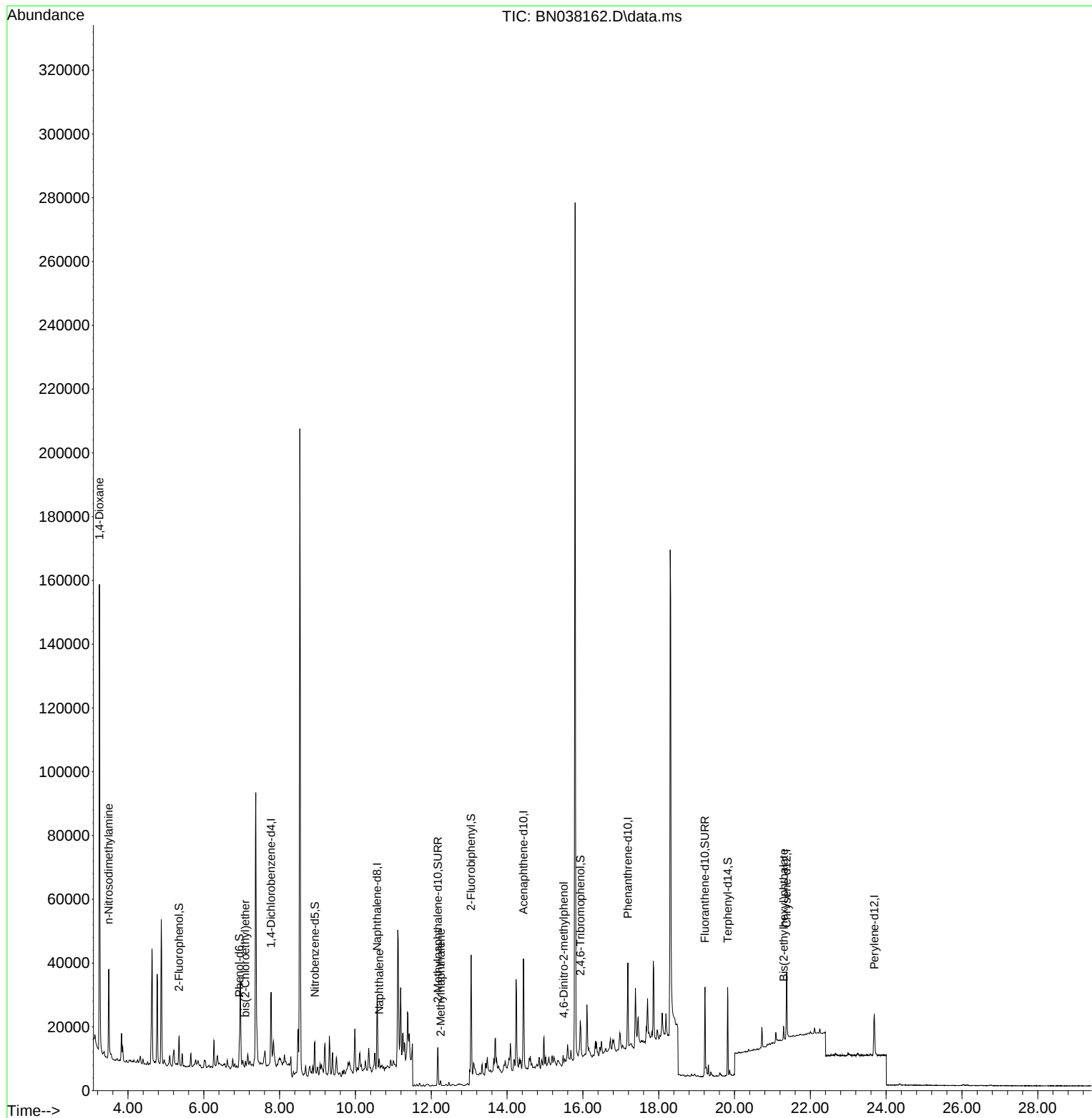
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9440	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	31588	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	21904	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	34017	0.400	ng	0.00
29) Chrysene-d12	21.375	240	18758	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	17749	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5706	0.257	ng	0.00
5) Phenol-d6	6.937	99	5914	0.218	ng	0.00
8) Nitrobenzene-d5	8.929	82	9082	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	16363	0.363	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4131	0.458	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	25929	0.296	ng	0.00
27) Fluoranthene-d10	19.220	212	30149	0.351	ng	0.00
31) Terphenyl-d14	19.819	244	25173	0.618	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	87375	8.958	ng	99
3) n-Nitrosodimethylamine	3.492	42	7857	0.626	ng	# 1
6) bis(2-Chloroethyl)ether	7.096	93	3282	0.123	ng	# 22
9) Naphthalene	10.626	128	4730	0.054	ng	# 87
12) 2-Methylnaphthalene	12.248	142	1169	0.020	ng	# 70
20) 4,6-Dinitro-2-methylph...	15.499	198	106	0.200	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	4123	0.117	ng	# 99

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

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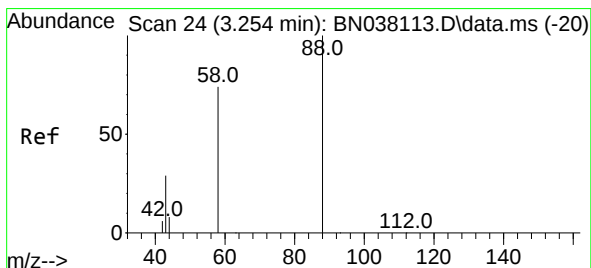
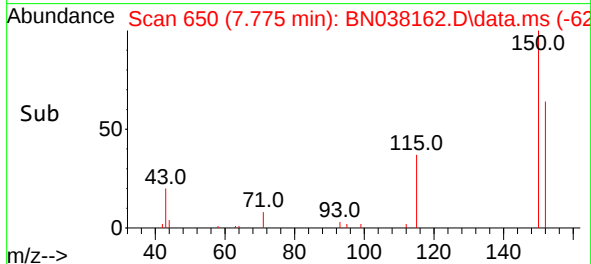
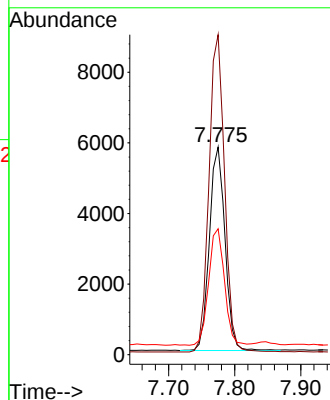
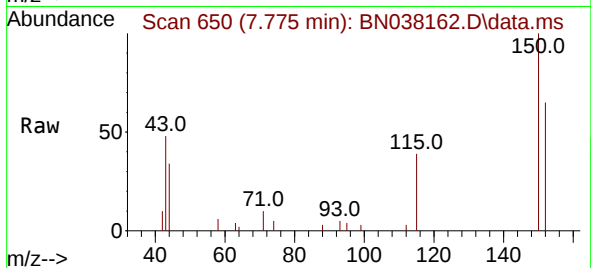




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN038162.D
 Acq: 07 Nov 2025 19:46

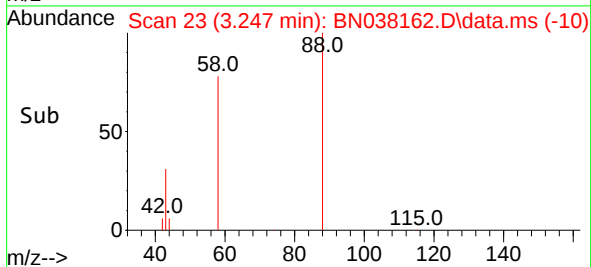
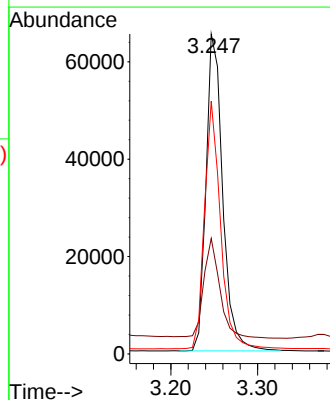
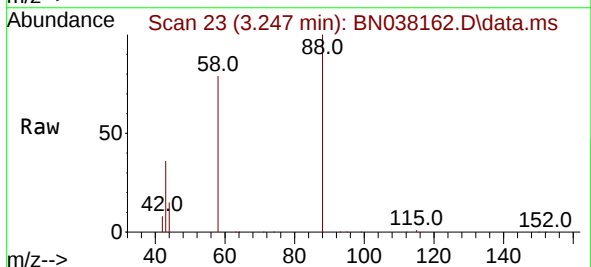
Instrument :
 BNA_N
 ClientSampleId :
 MW-8

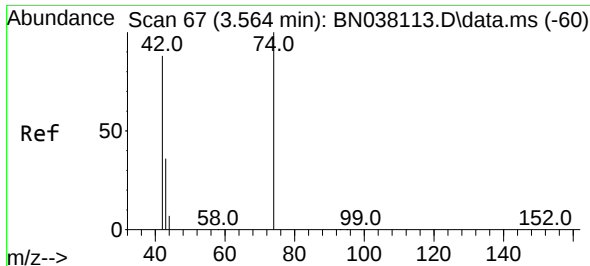
Tgt Ion:152 Resp: 9440
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.3 183.5
 115 60.6 47.4 71.0



#2
 1,4-Dioxane
 Concen: 8.958 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038162.D
 Acq: 07 Nov 2025 19:46

Tgt Ion: 88 Resp: 87375
 Ion Ratio Lower Upper
 88 100
 43 30.5 24.3 36.5
 58 74.7 60.4 90.6

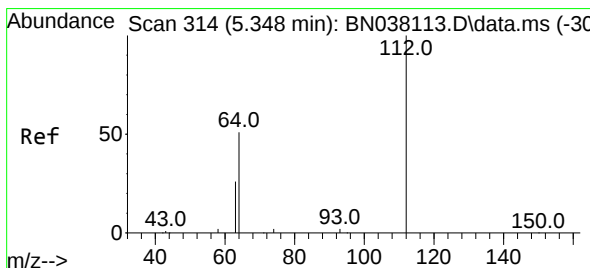
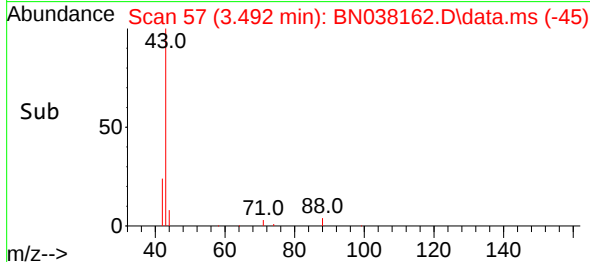
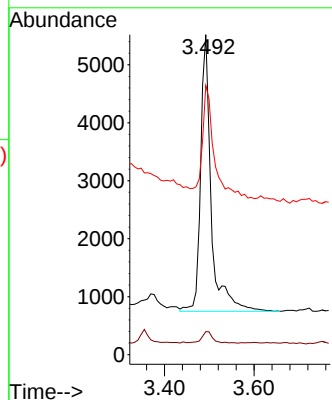
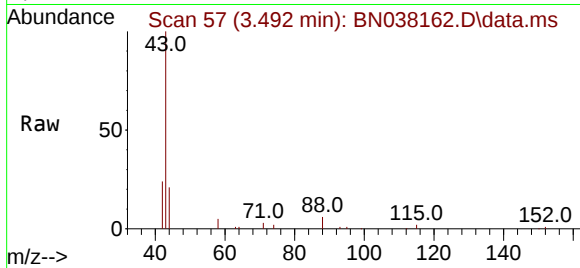




#3
 n-Nitrosodimethylamine
 Concen: 0.626 ng
 RT: 3.492 min Scan# 51
 Delta R.T. -0.065 min
 Lab File: BN038162.D
 Acq: 07 Nov 2025 19:46

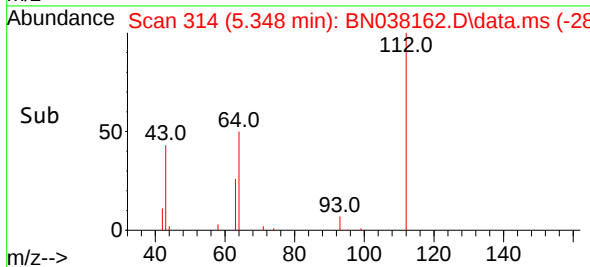
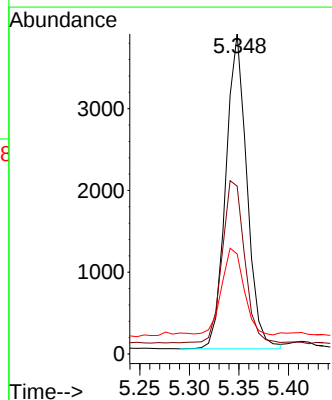
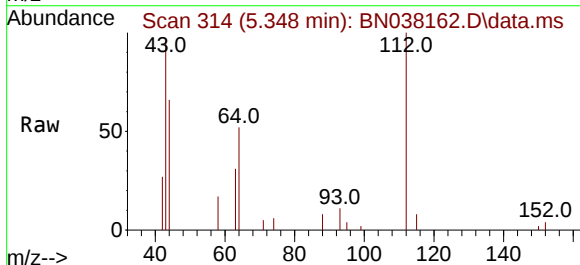
Instrument :
 BNA_N
 ClientSampleId :
 MW-8

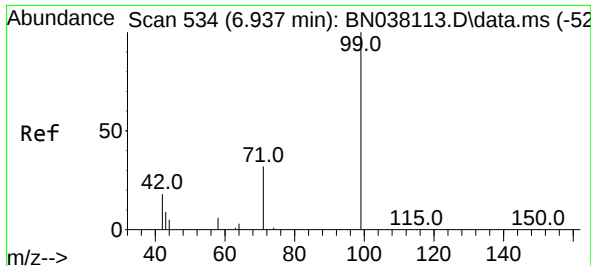
Tgt Ion: 42 Resp: 7857
 Ion Ratio Lower Upper
 42 100
 74 4.3 96.8 145.2#
 44 45.8 5.3 7.9#



#4
 2-Fluorophenol
 Concen: 0.257 ng
 RT: 5.348 min Scan# 314
 Delta R.T. -0.000 min
 Lab File: BN038162.D
 Acq: 07 Nov 2025 19:46

Tgt Ion: 112 Resp: 5706
 Ion Ratio Lower Upper
 112 100
 64 56.1 45.4 68.0
 63 30.8 23.2 34.8

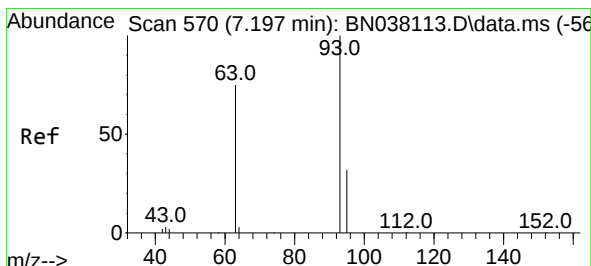
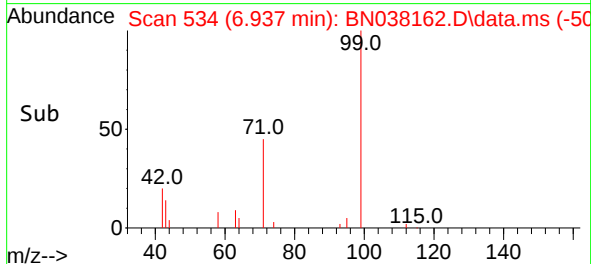
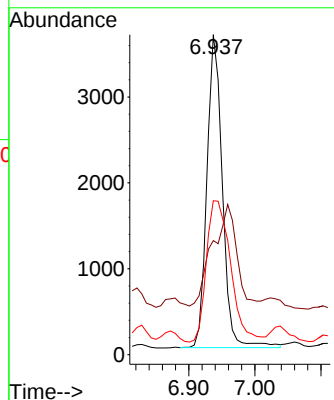
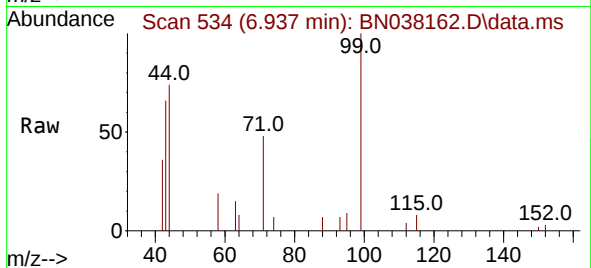




#5
Phenol-d6
Concen: 0.218 ng
RT: 6.937 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

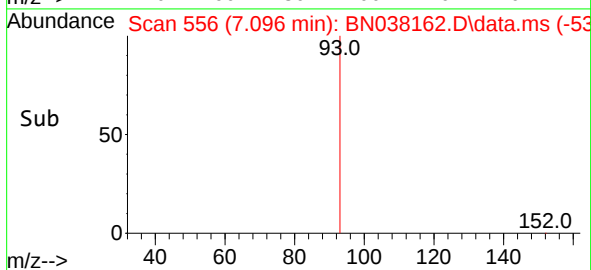
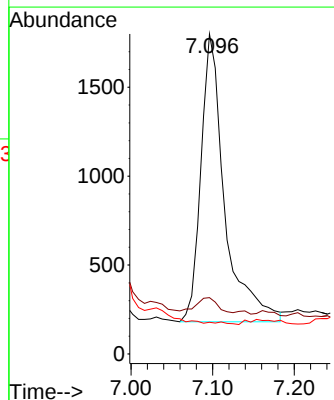
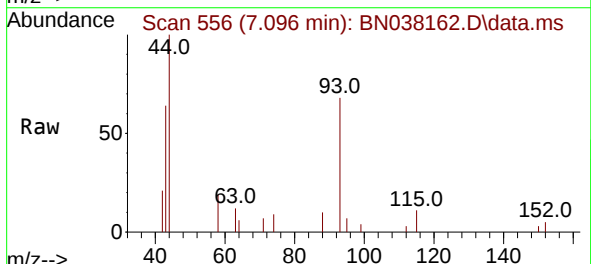
Instrument :
BNA_N
ClientSampleId :
MW-8

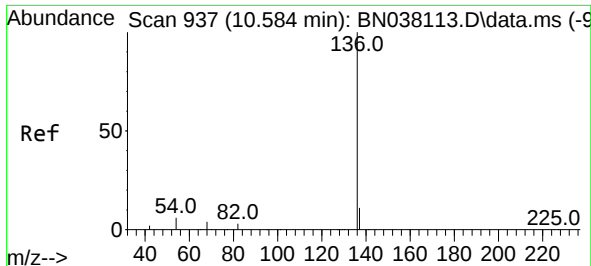
Tgt Ion: 99 Resp: 5914
Ion Ratio Lower Upper
99 100
42 0.0 16.6 24.8#
71 70.4 25.4 38.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.123 ng
RT: 7.096 min Scan# 556
Delta R.T. -0.101 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion: 93 Resp: 3282
Ion Ratio Lower Upper
93 100
63 0.0 59.3 88.9#
95 0.0 25.2 37.8#

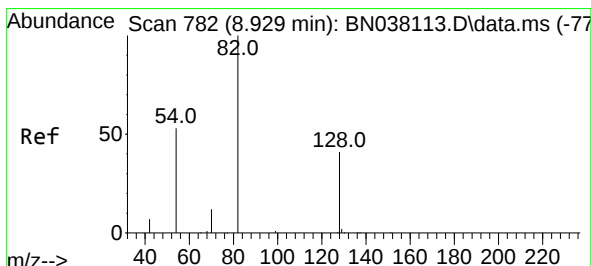
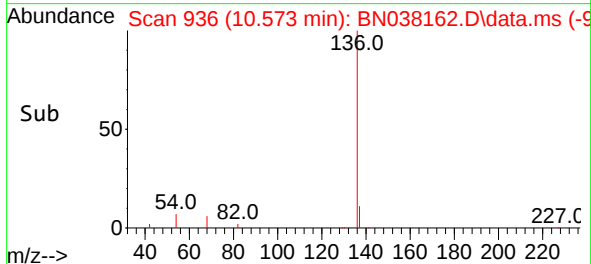
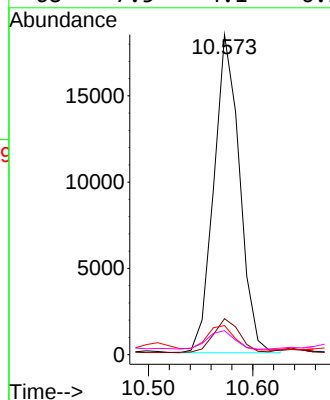
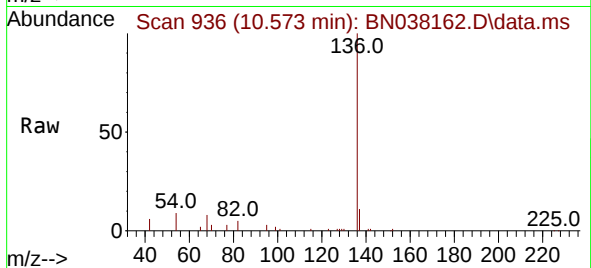




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

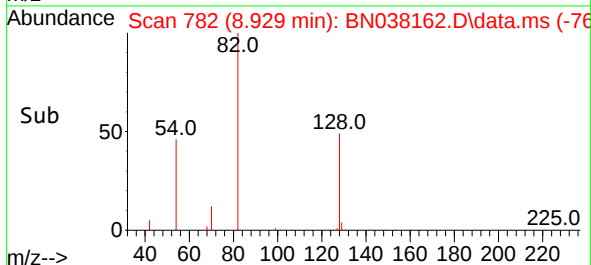
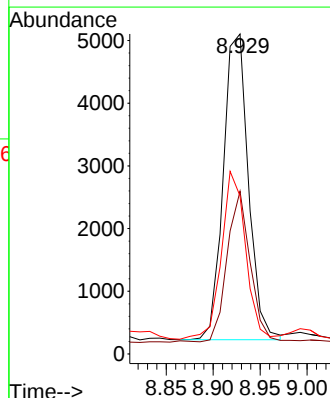
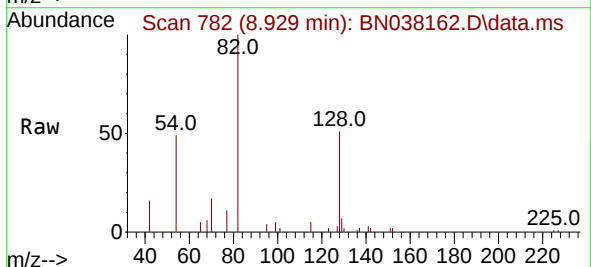
Instrument :
BNA_N
ClientSampleId :
MW-8

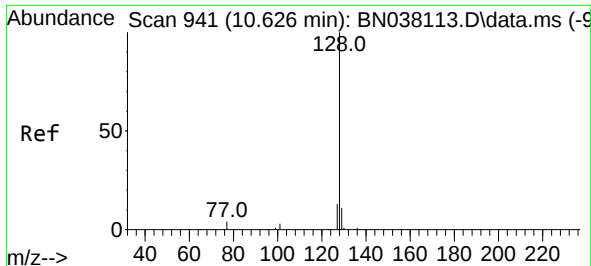
Tgt Ion:136 Resp: 31588
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.1 5.2 7.8#
68 7.5 4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion: 82 Resp: 9082
Ion Ratio Lower Upper
82 100
128 50.9 34.1 51.1
54 49.3 43.5 65.3

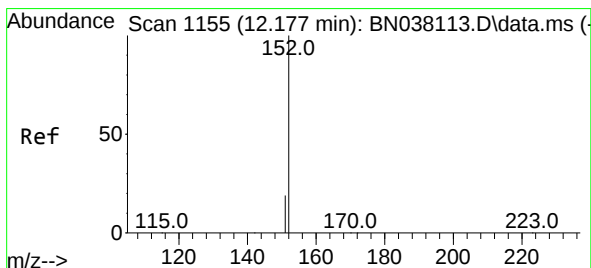
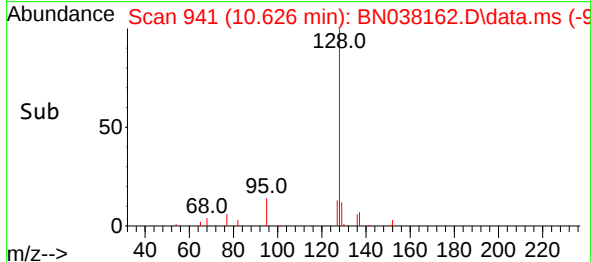
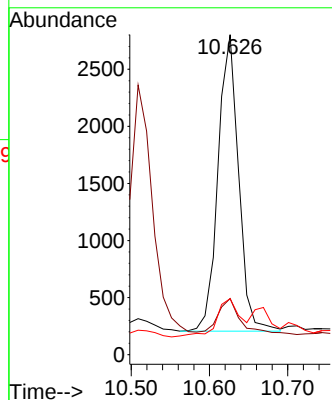
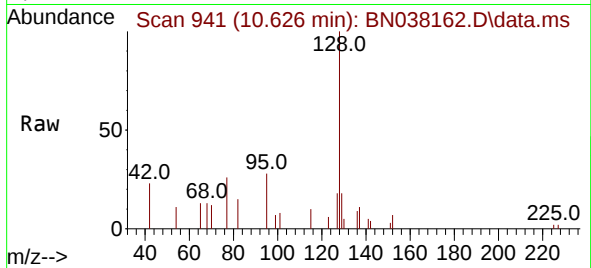




#9
Naphthalene
Concen: 0.054 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

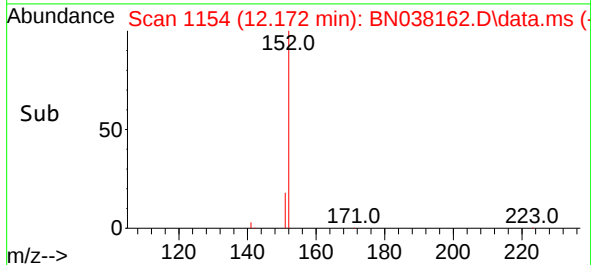
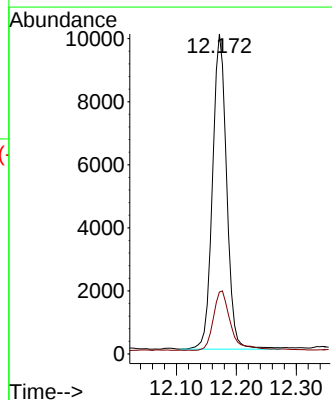
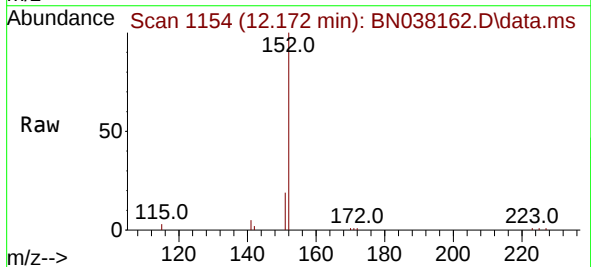
Instrument :
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ClientSampleId :
MW-8

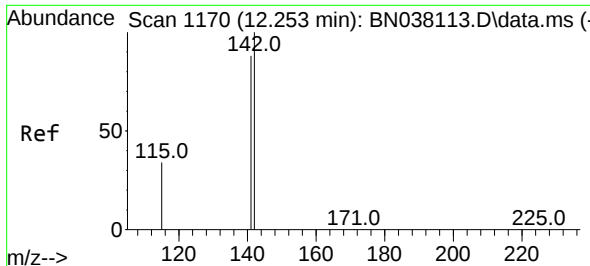
Tgt Ion:128 Resp: 4730
Ion Ratio Lower Upper
128 100
129 17.6 9.1 13.7#
127 17.5 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion:152 Resp: 16363
Ion Ratio Lower Upper
152 100
151 23.6 16.8 25.2

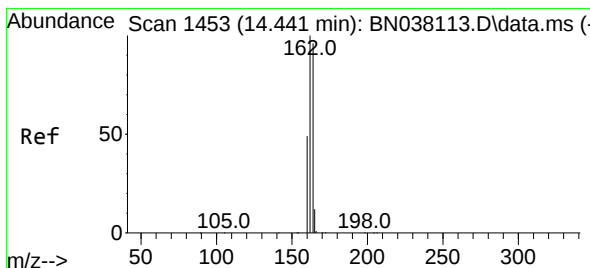
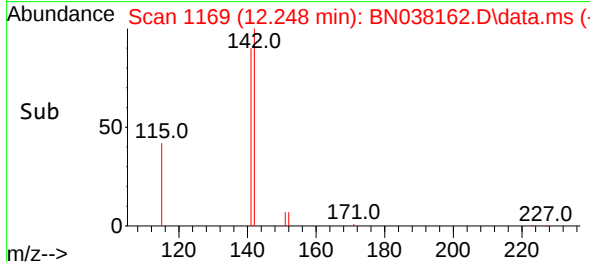
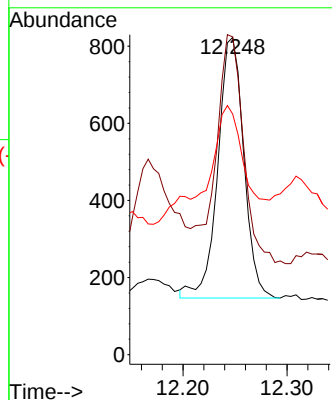
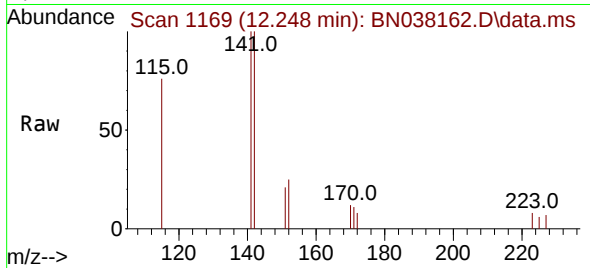




#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.248 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

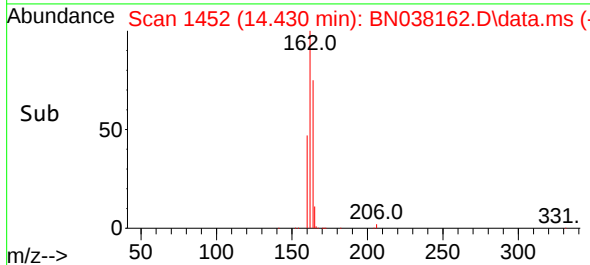
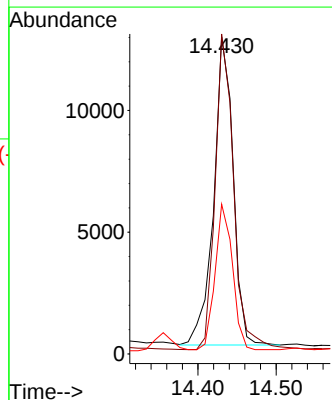
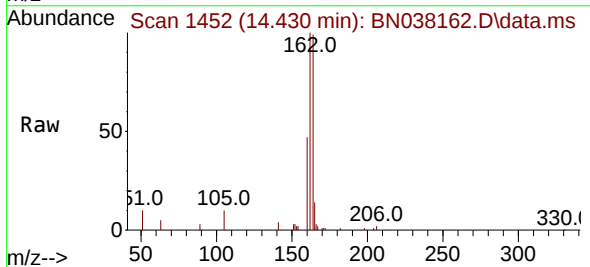
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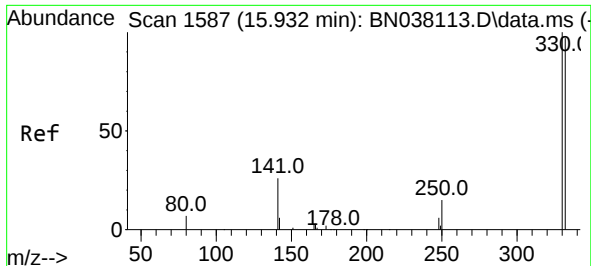
Tgt Ion:142 Resp: 1169
Ion Ratio Lower Upper
142 100
141 100.1 70.3 105.5
115 75.8 27.8 41.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion:164 Resp: 21904
Ion Ratio Lower Upper
164 100
162 100.9 83.0 124.4
160 47.2 40.7 61.1

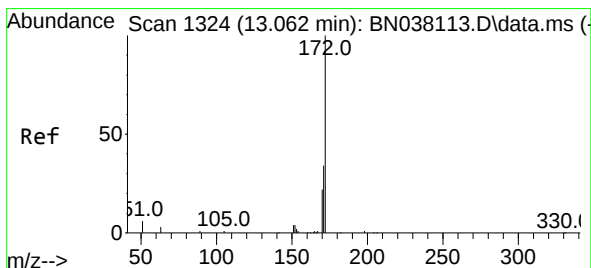
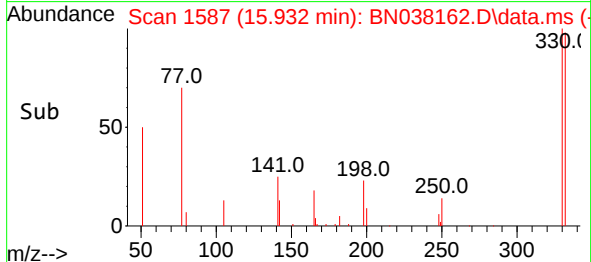
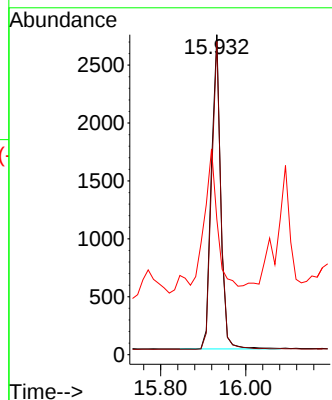
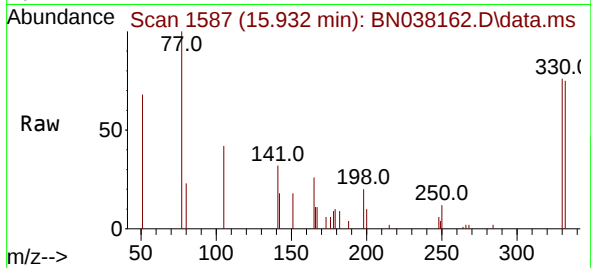




#14
2,4,6-Tribromophenol
Concen: 0.458 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

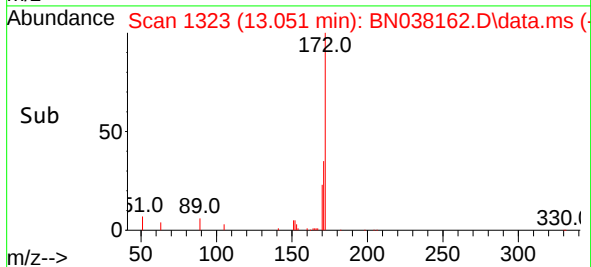
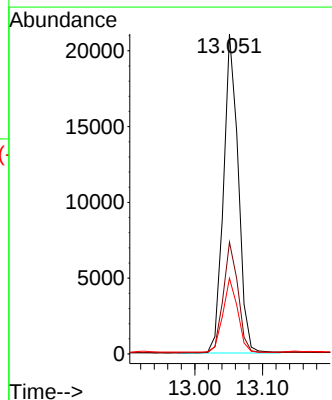
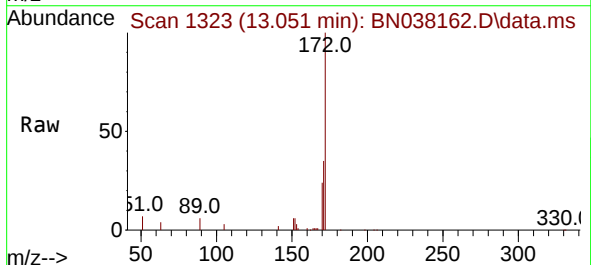
Instrument :
BNA_N
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MW-8

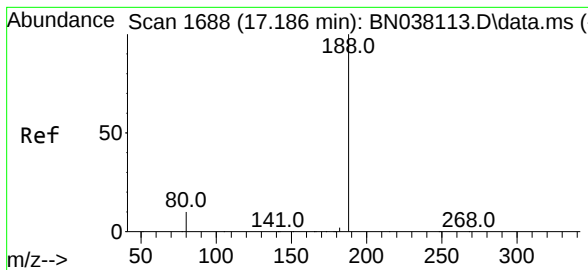
Tgt Ion:330 Resp: 4131
Ion Ratio Lower Upper
330 100
332 97.4 76.6 114.8
141 74.9 34.1 51.1#



#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion:172 Resp: 25929
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.7 18.1 27.1

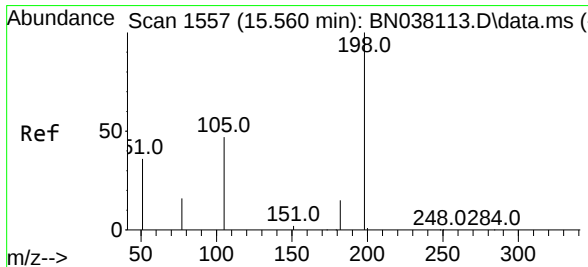
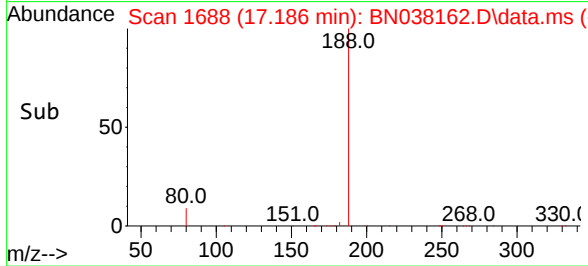
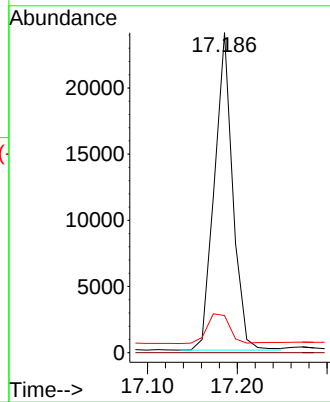
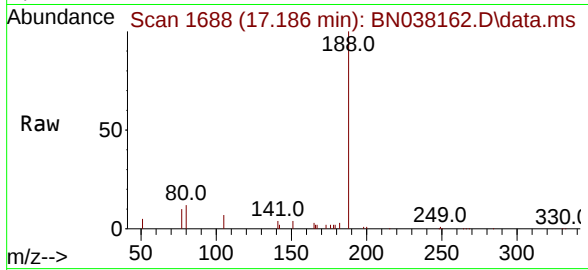




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

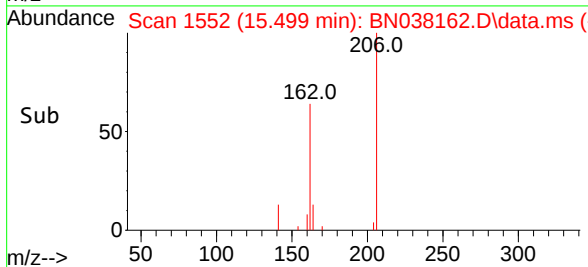
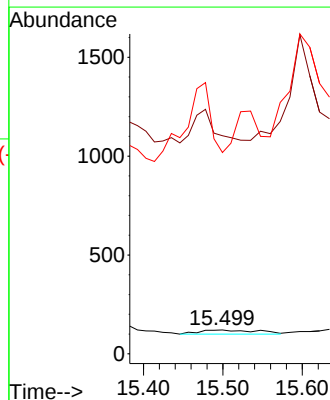
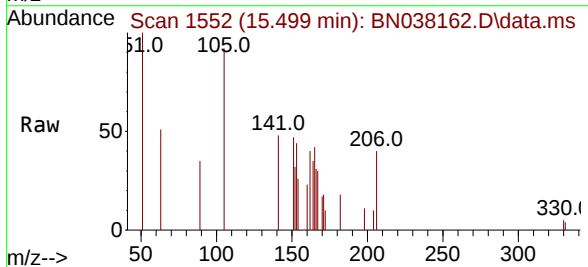
Instrument :
BNA_N
ClientSampleId :
MW-8

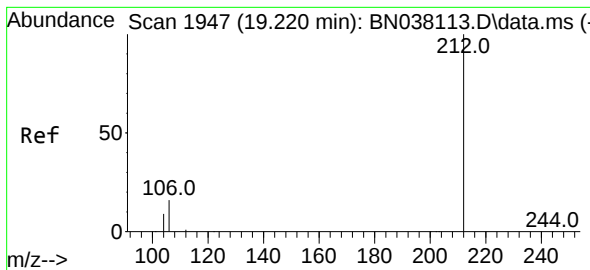
Tgt Ion:188 Resp: 34017
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 8.6 13.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.200 ng
RT: 15.499 min Scan# 1552
Delta R.T. -0.061 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion:198 Resp: 106
Ion Ratio Lower Upper
198 100
51 911.6 88.9 133.3#
105 841.3 49.2 73.8#

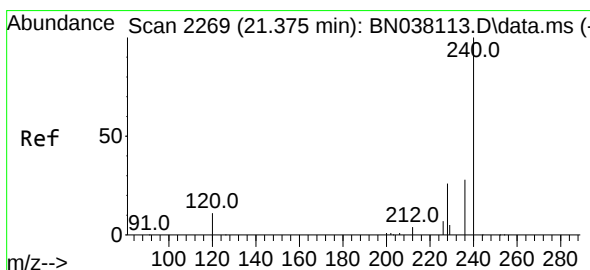
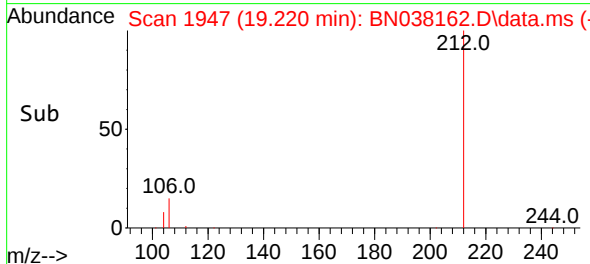
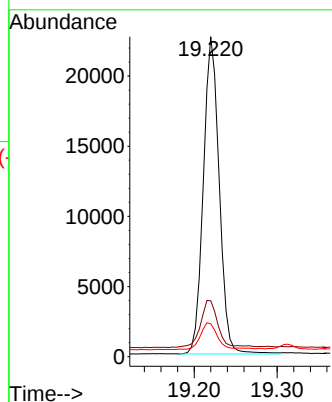
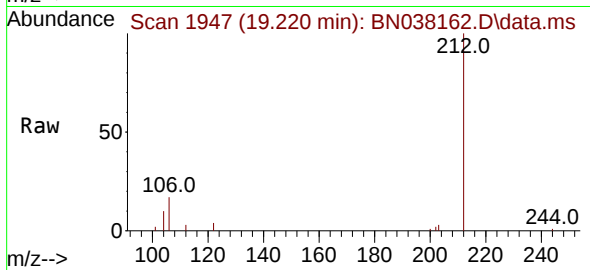




#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

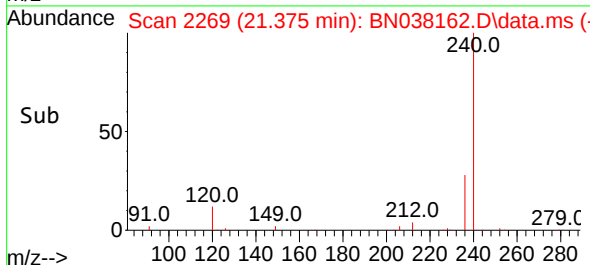
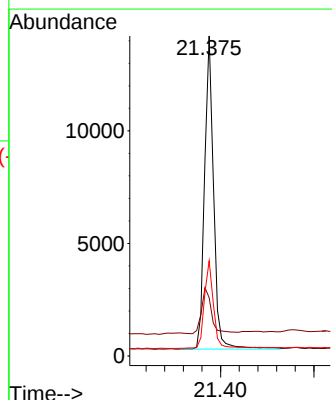
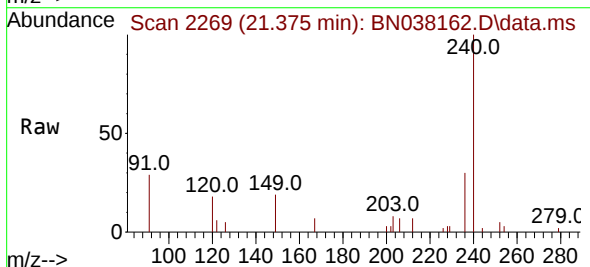
Instrument :
BNA_N
ClientSampleId :
MW-8

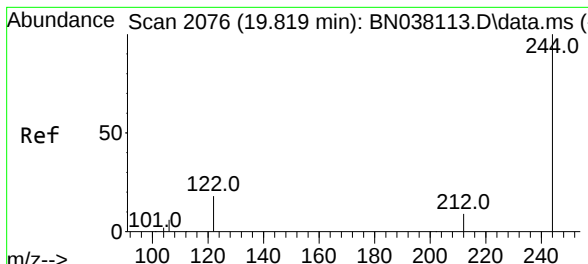
Tgt Ion:212 Resp: 30149
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 8.8 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion:240 Resp: 18758
Ion Ratio Lower Upper
240 100
120 18.2 10.7 16.1#
236 29.7 23.1 34.7

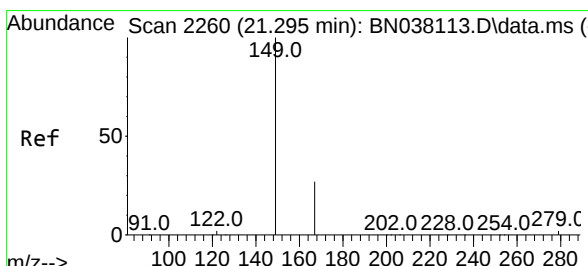
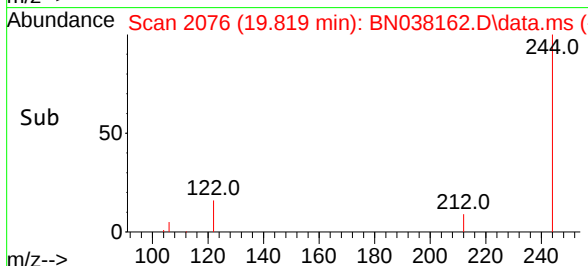
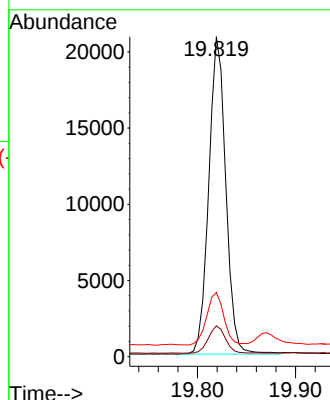
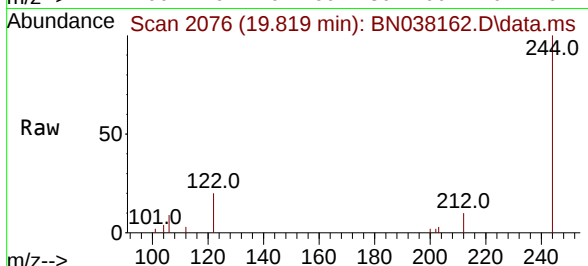




#31
 Terphenyl-d14
 Concen: 0.618 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BN038162.D
 Acq: 07 Nov 2025 19:46

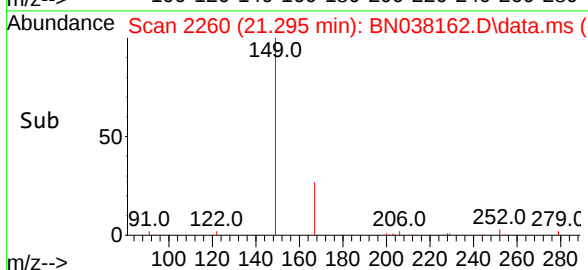
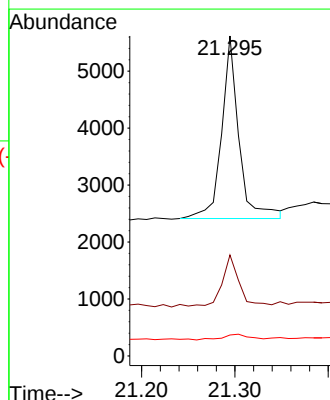
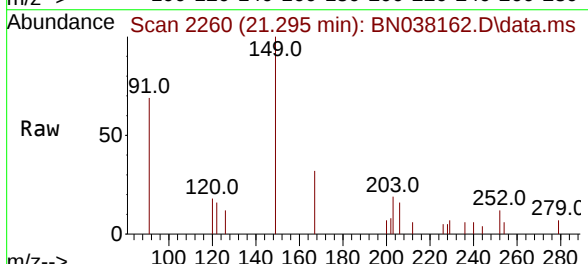
Instrument :
 BNA_N
 ClientSampleId :
 MW-8

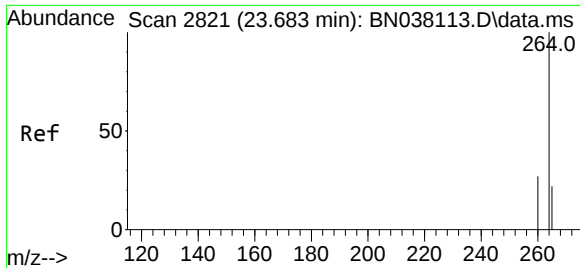
Tgt Ion:244	Resp:	25173
Ion Ratio	Lower	Upper
244	100	
212	9.7	7.8 11.6
122	20.1	15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.117 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BN038162.D
 Acq: 07 Nov 2025 19:46

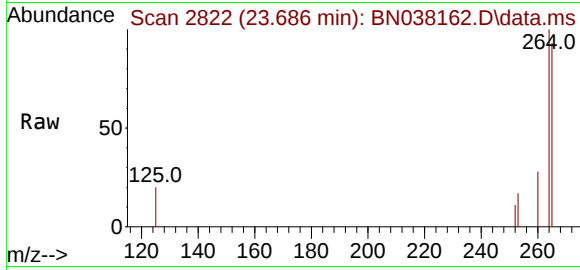
Tgt Ion:149	Resp:	4123
Ion Ratio	Lower	Upper
149	100	
167	26.2	21.1 31.7
279	4.9	2.9 4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Instrument :
BNA_N
ClientSampleId :
MW-8



Tgt Ion:264 Resp: 17749

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.8	32.8
265	93.2	68.6	102.8

