

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)

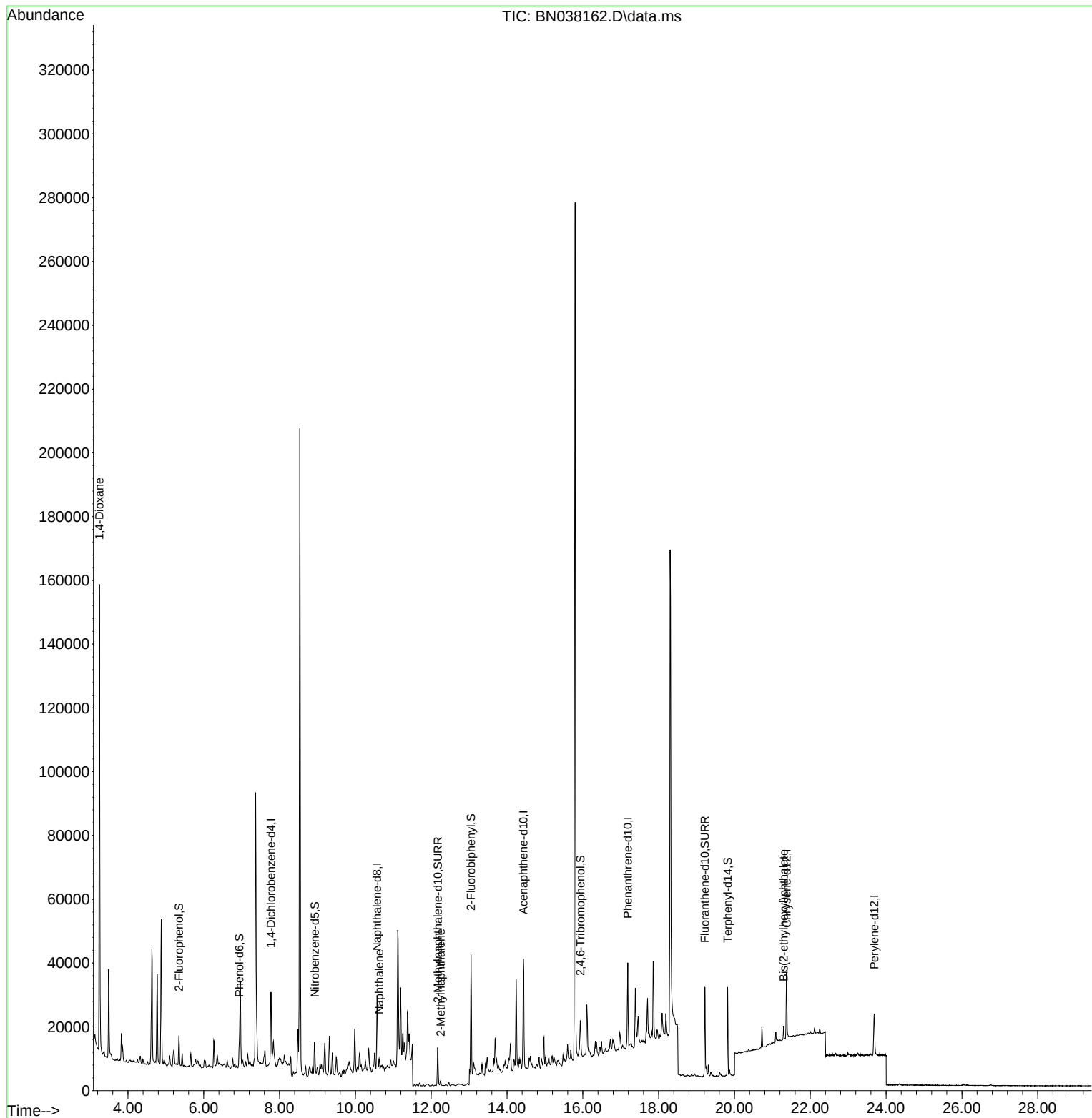
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9440	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	31588	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	21904	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	34017	0.400	ng	0.00
29) Chrysene-d12	21.375	240	18758	0.400	ng	# 0.00
35) Perylene-d12	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
9) Naphthalene	10.626	128	4730	0.054	ng	# 87
12) 2-Methylnaphthalene	12.248	142	1169	0.020	ng	# 70
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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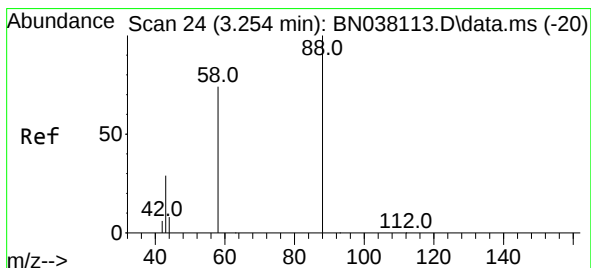
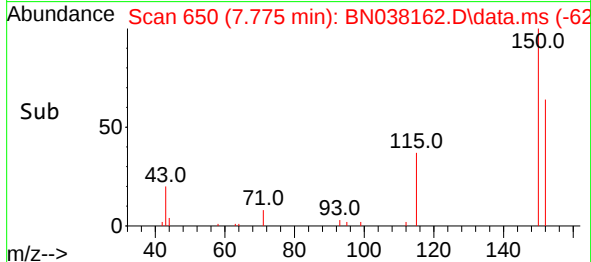
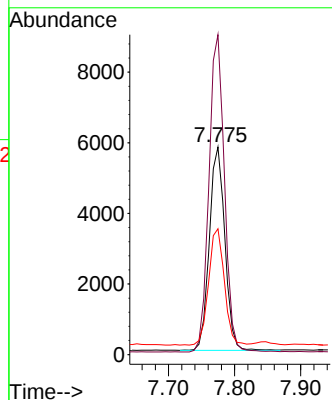
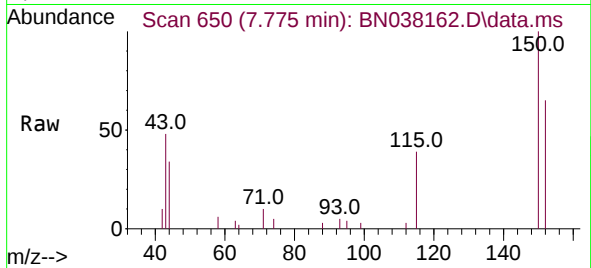




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN038162.D
 Acq: 07 Nov 2025 19:46

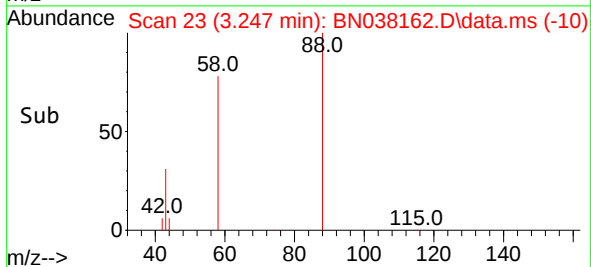
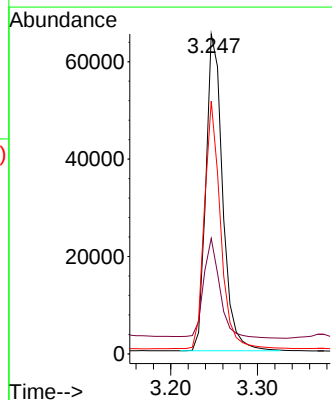
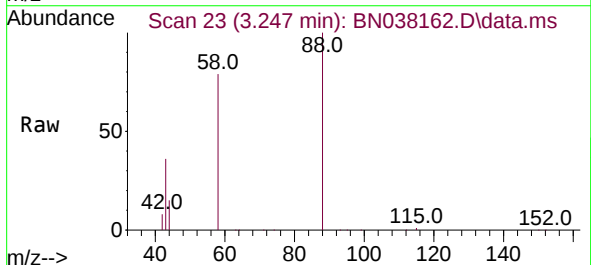
Instrument :
 BNA_N
 ClientSampleId :
 MW-8

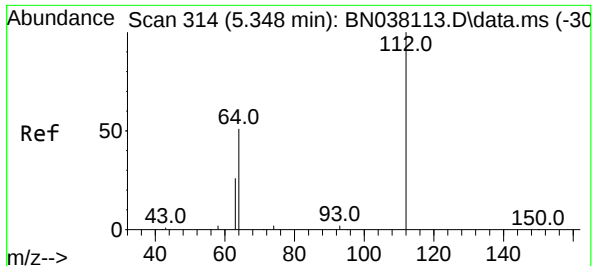
Tgt Ion:152 Resp: 9440
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.3 183.5
 115 60.6 47.4 71.0



#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

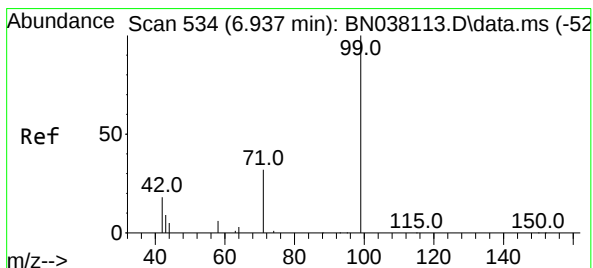
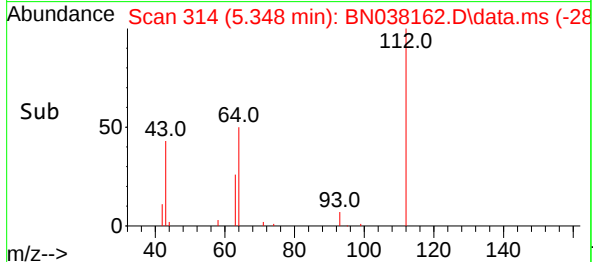
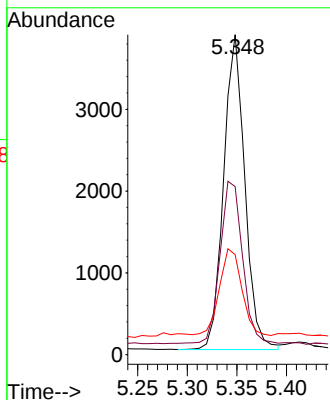
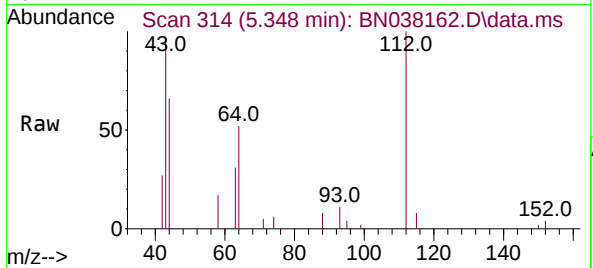




#4
2-Fluorophenol
Concen: 0.257 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

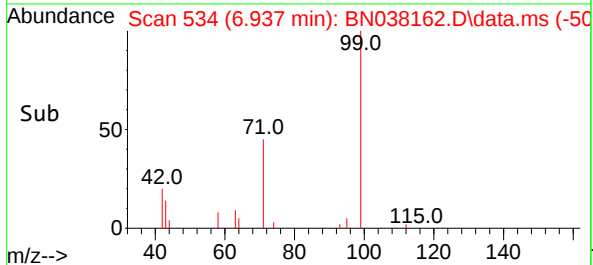
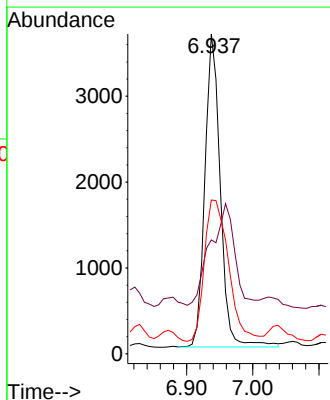
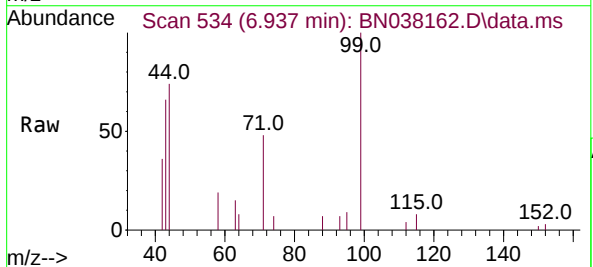
Instrument :
BNA_N
ClientSampleId :
MW-8

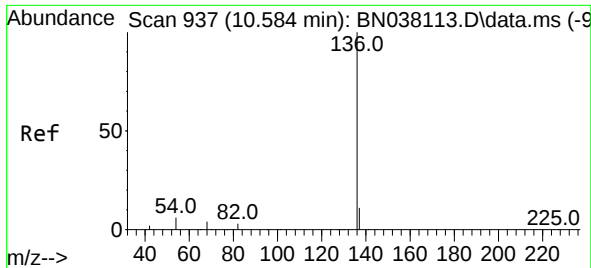
Tgt Ion:	112	Resp:	5706
Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.0
63	30.8	23.2	34.8



#5
Phenol-d6
Concen: 0.218 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

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#

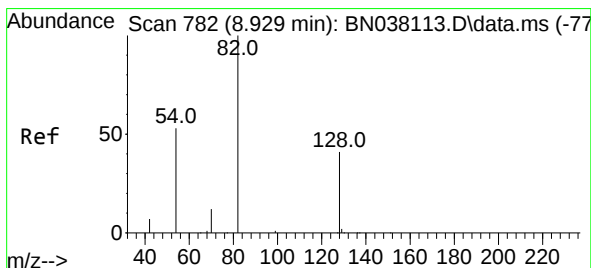
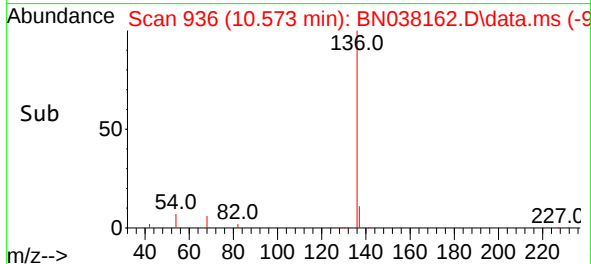
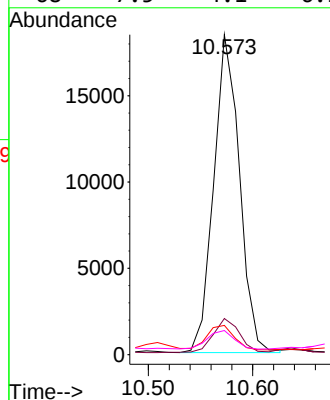
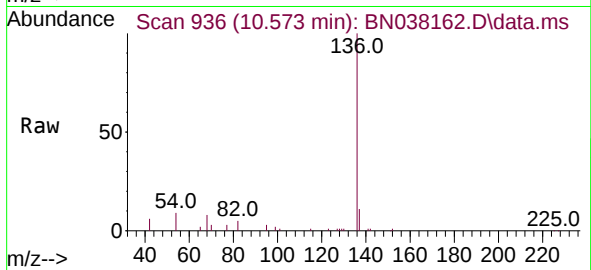




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

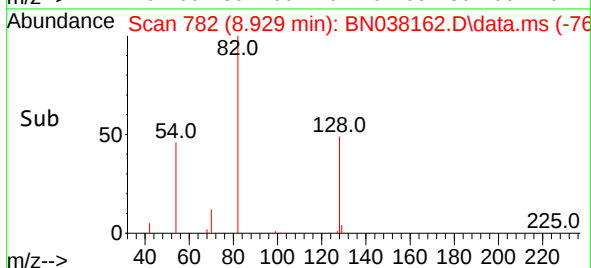
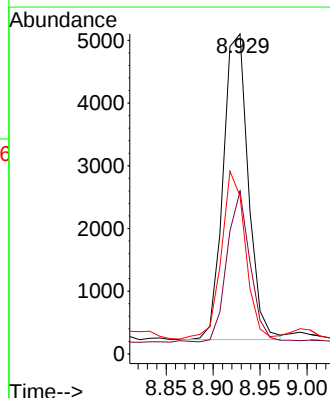
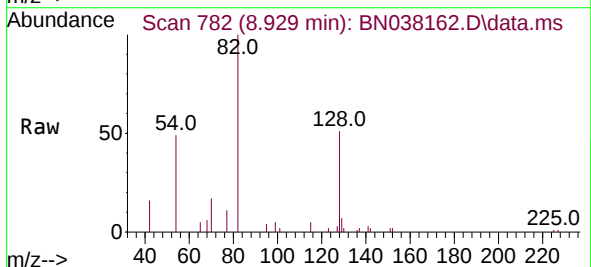
Instrument :
BNA_N
ClientSampleId :
MW-8

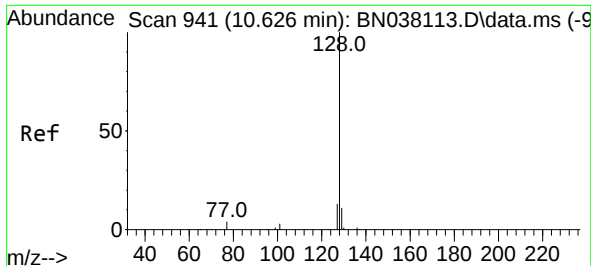
Tgt Ion:	136	Resp:	31588
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	9.1	5.2	7.8#
68	7.5	4.1	6.1#



#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

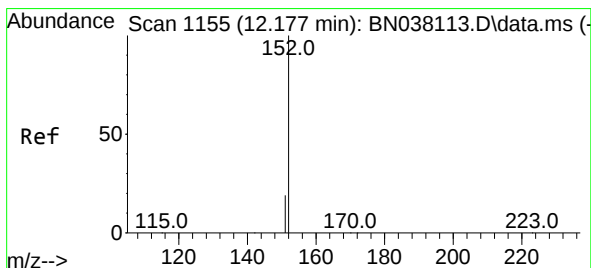
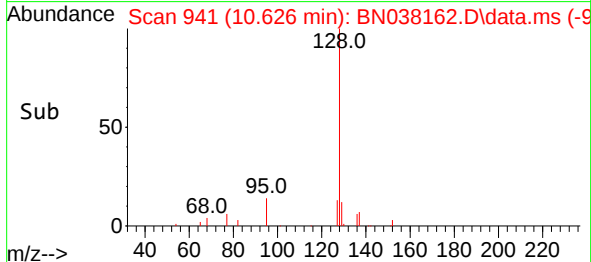
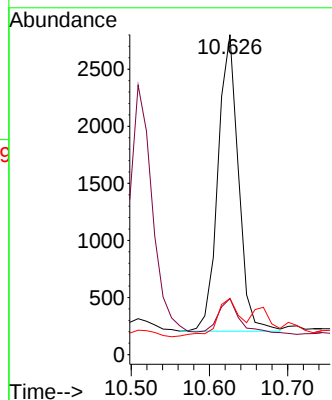
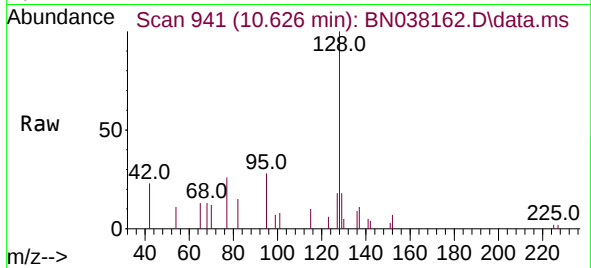




#9
Naphthalene
Concen: 0.054 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

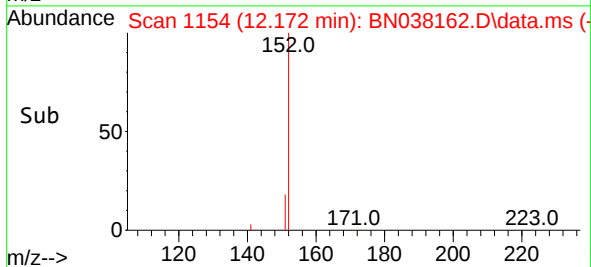
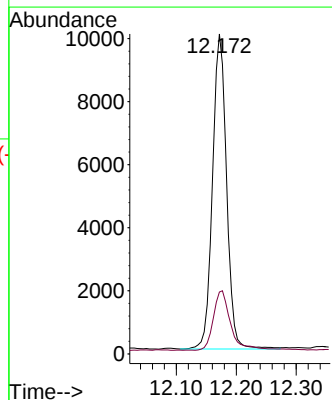
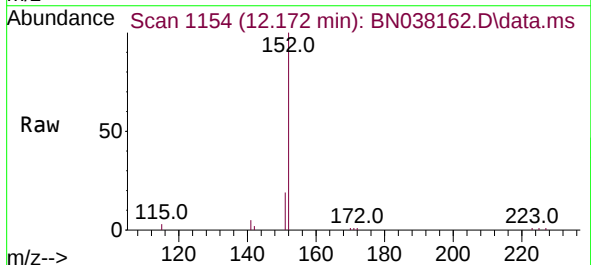
Instrument :
BNA_N
ClientSampleId :
MW-8

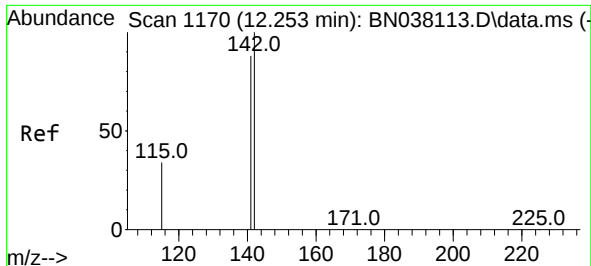
Tgt Ion:128 Resp: 4730
Ion Ratio Lower Upper
128 100
129 17.6 9.1 13.7#
127 17.5 10.5 15.7#



#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

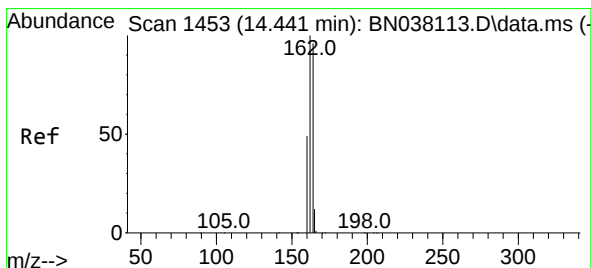
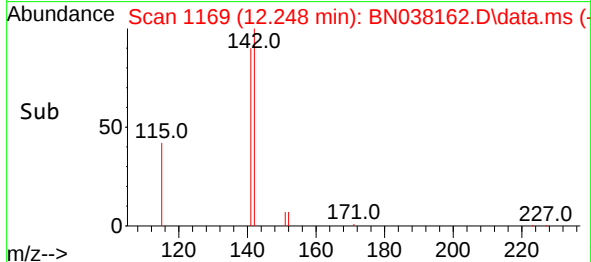
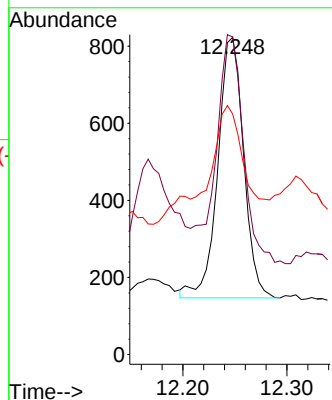
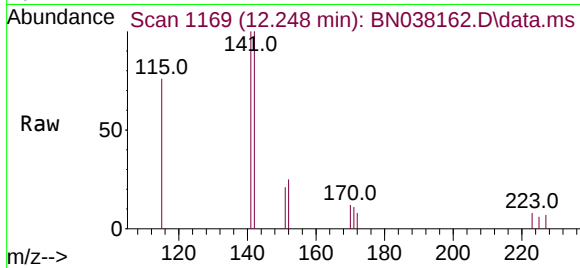




#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.248 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

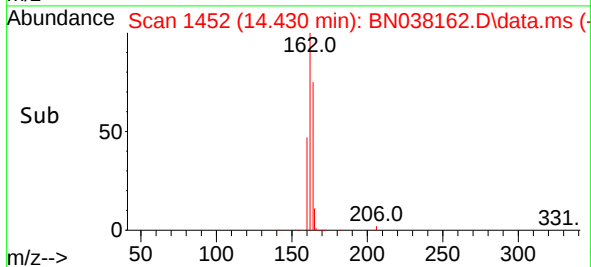
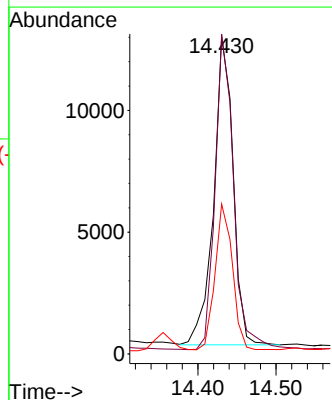
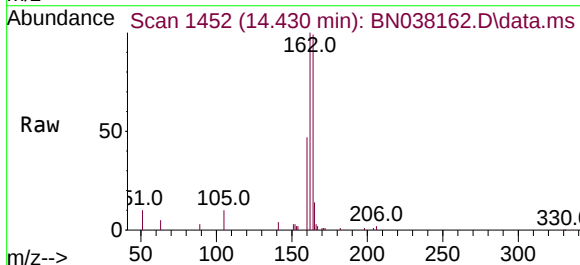
Instrument :
BNA_N
ClientSampleId :
MW-8

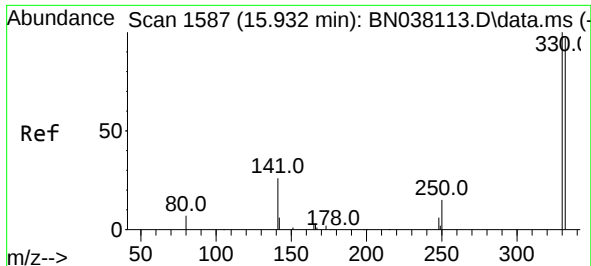
Tgt Ion:142 Resp: 1169
Ion Ratio Lower Upper
142 100
141 100.1 70.3 105.5
115 75.8 27.8 41.6#



#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

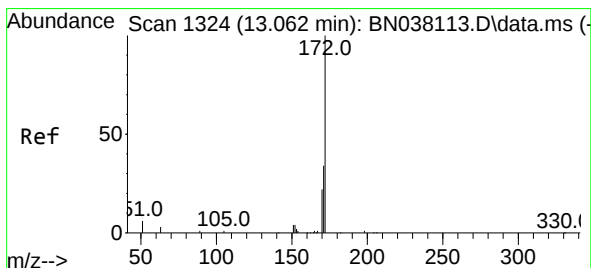
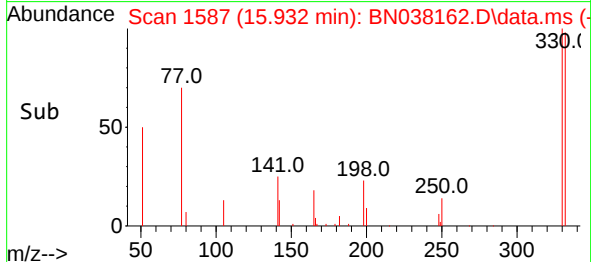
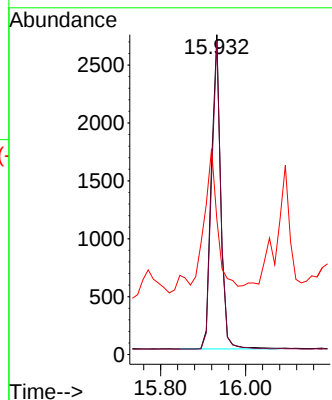
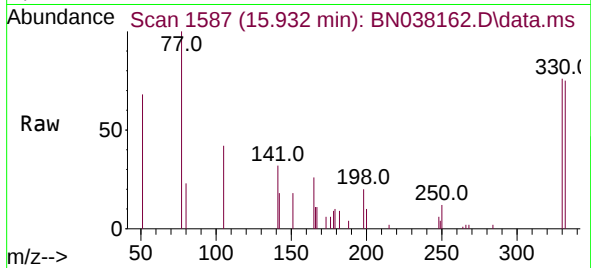




#14
2,4,6-Tribromophenol
Concen: 0.458 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

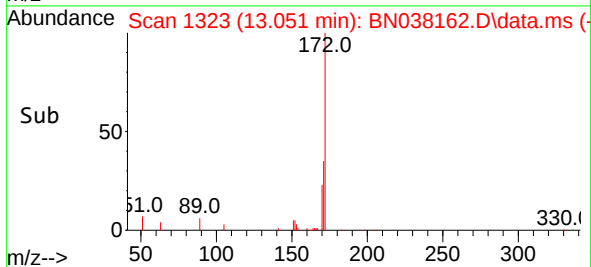
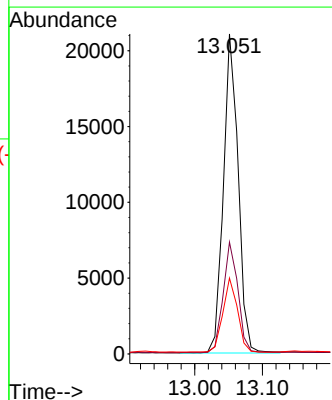
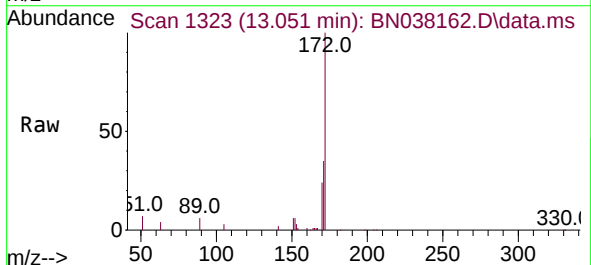
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ClientSampleId :
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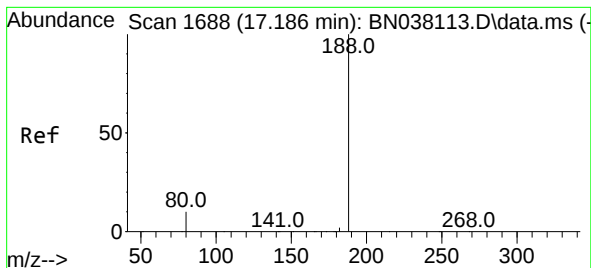
Tgt Ion:330 Resp: 4131
Ion Ratio Lower Upper
330 100
332 97.4 76.6 114.8
141 74.9 34.1 51.1#



#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

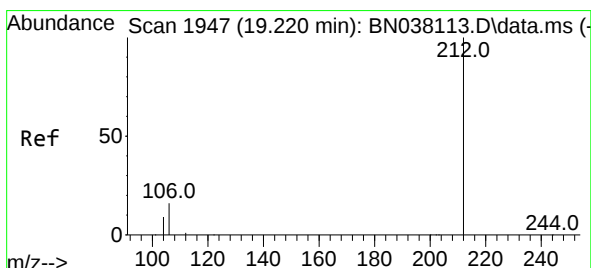
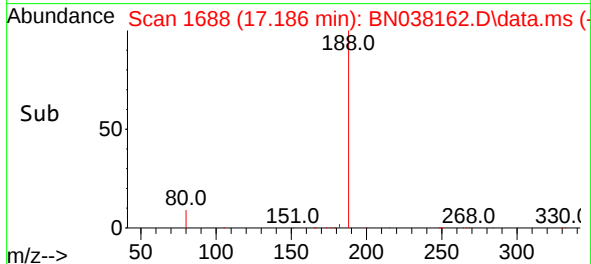
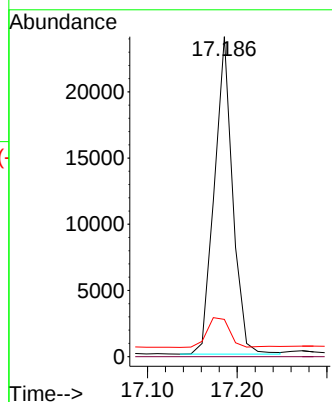
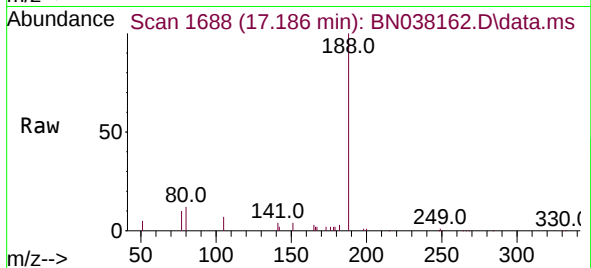




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

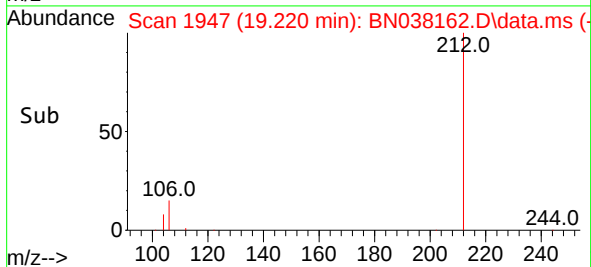
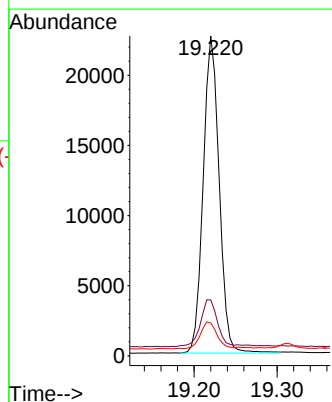
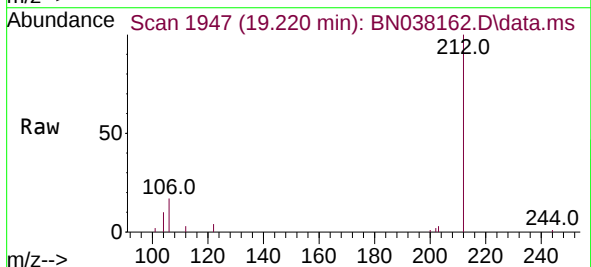
Instrument :
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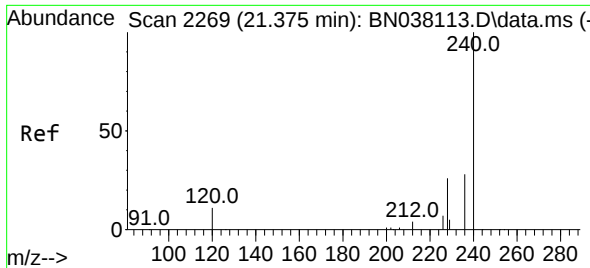
Tgt Ion:188 Resp: 34017
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 8.6 13.0



#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

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

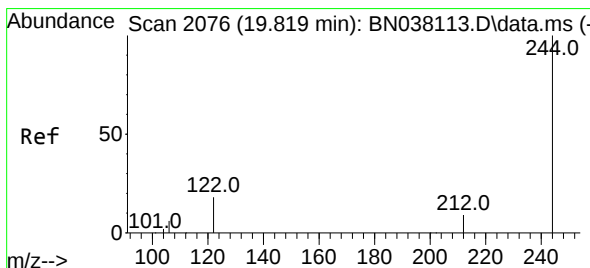
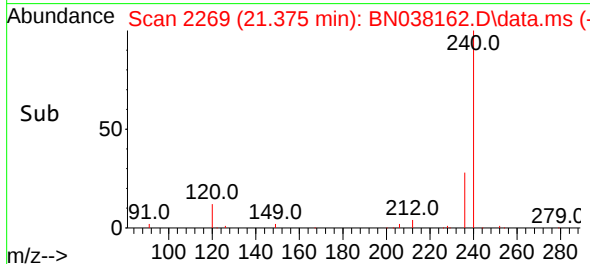
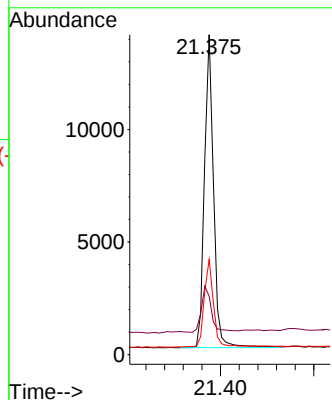
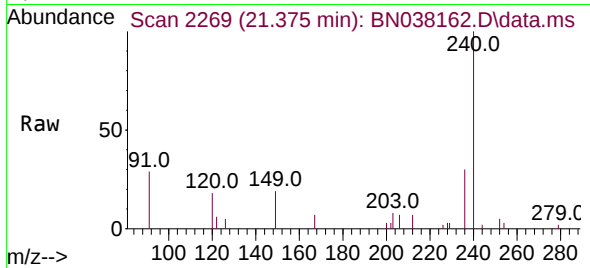




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

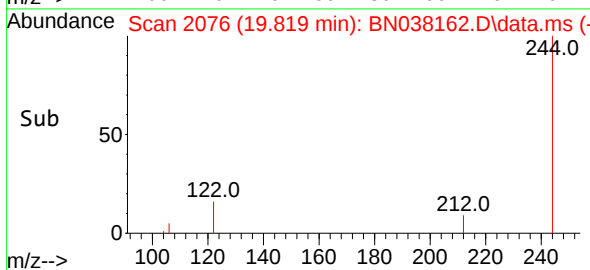
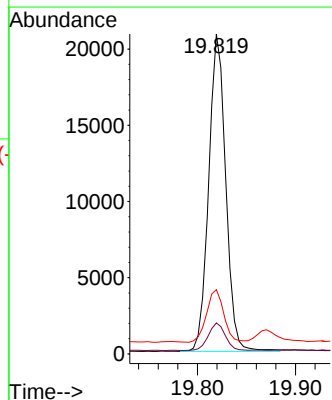
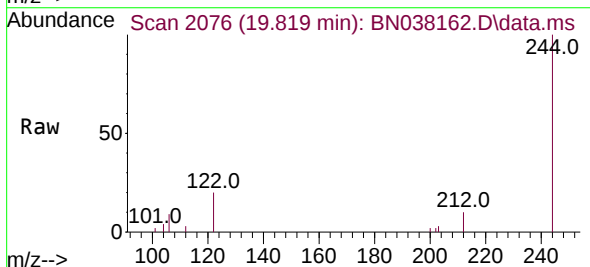
Instrument :
BNA_N
ClientSampleId :
MW-8

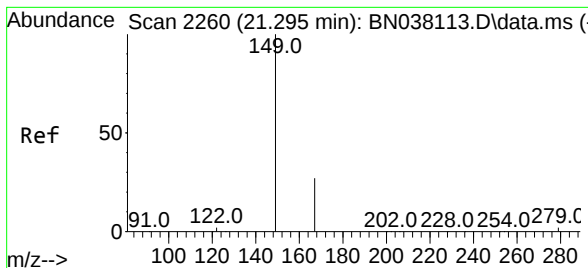
Tgt Ion:240 Resp: 18758
Ion Ratio Lower Upper
240 100
120 18.2 10.7 16.1#
236 29.7 23.1 34.7



#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

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

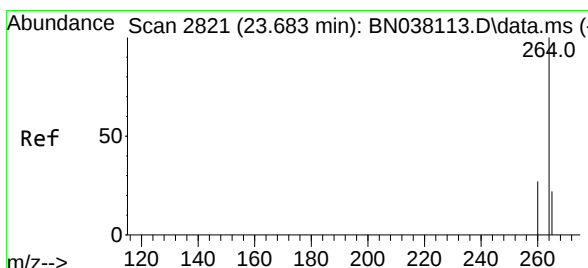
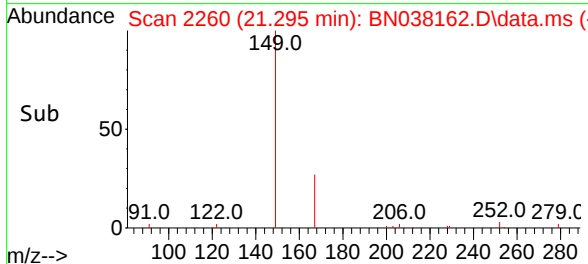
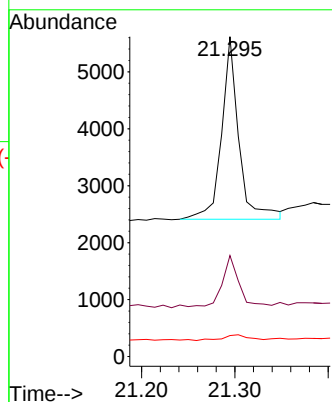
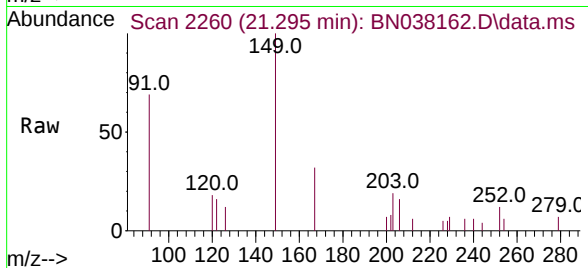




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.117 ng
 RT: 21.295 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN038162.D
 Acq: 07 Nov 2025 19:46

Instrument :
 BNA_N
 ClientSampleId :
 MW-8

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# 2822
 Delta R.T. 0.006 min
 Lab File: BN038162.D
 Acq: 07 Nov 2025 19:46

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

