

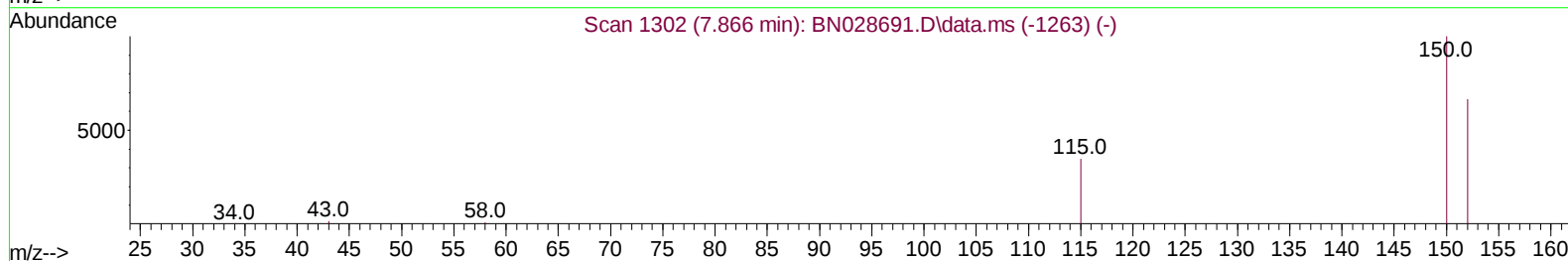
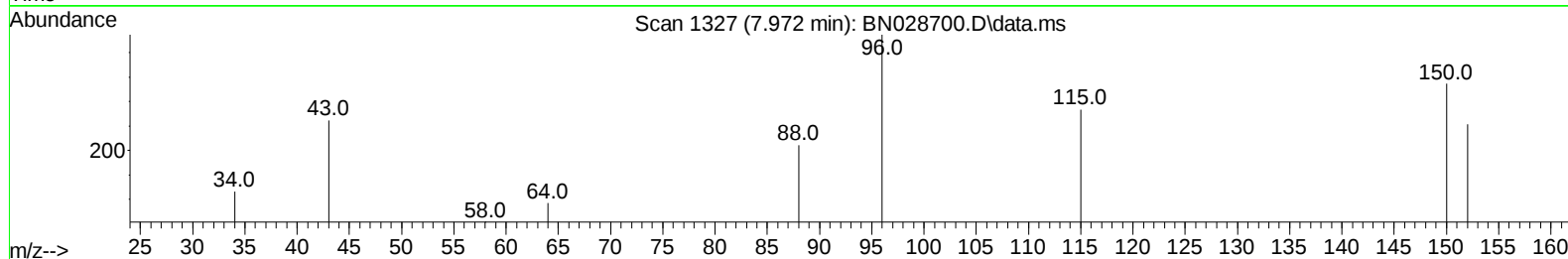
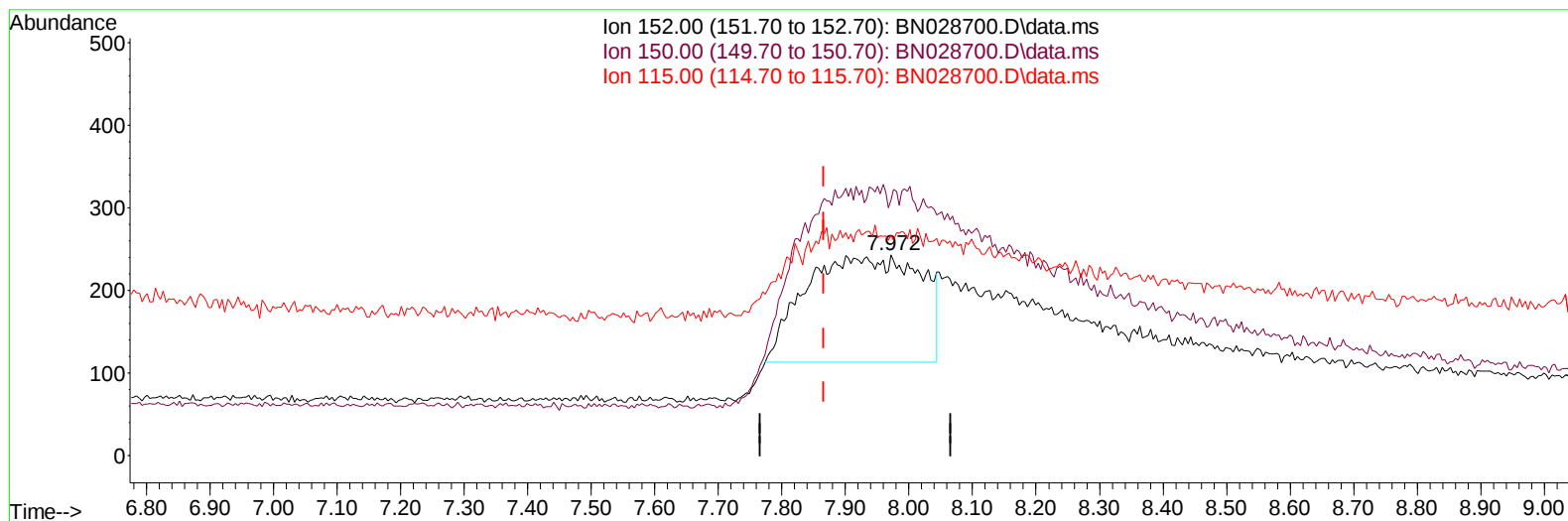
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028700.D
Acq On : 17 Nov 2023 13:52
Operator : MA/JU
Sample : PB157172BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS172

Manual IntegrationsAPPROVED

Quant Time: Nov 17 15:03:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028700.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.972min (+ 0.106) 0.40 ng/u1

response 1618

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	127.16
115.00	62.20	109.88#
0.00	0.00	0.00

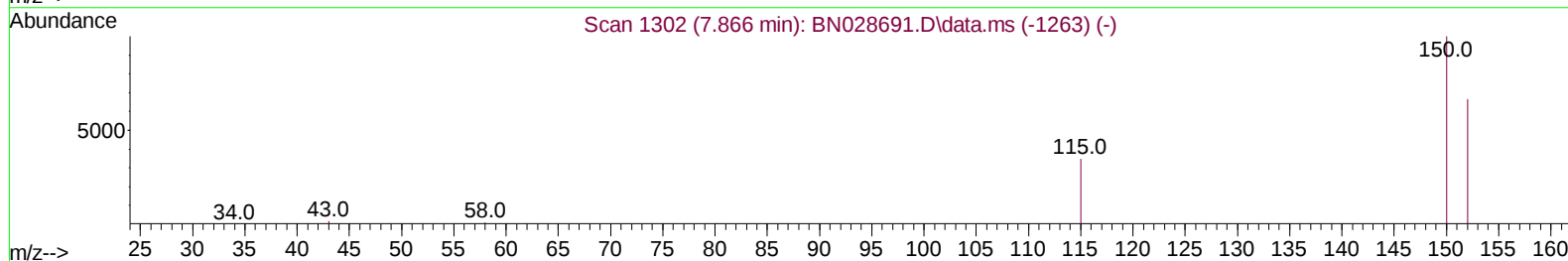
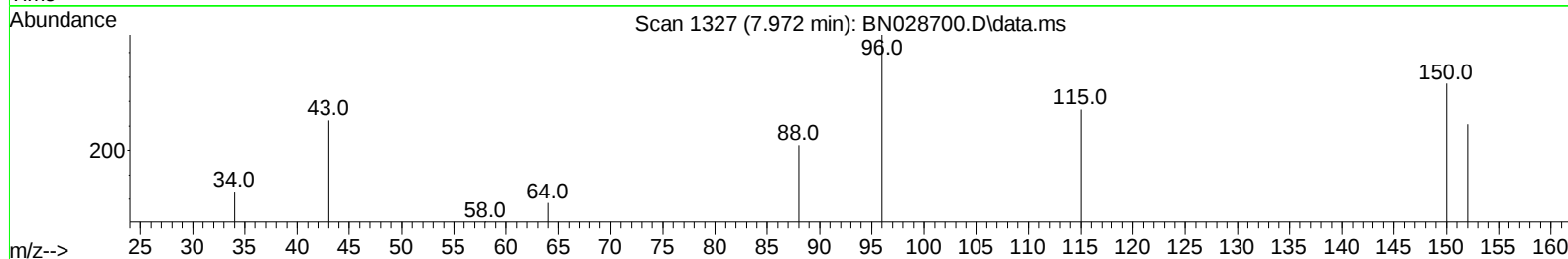
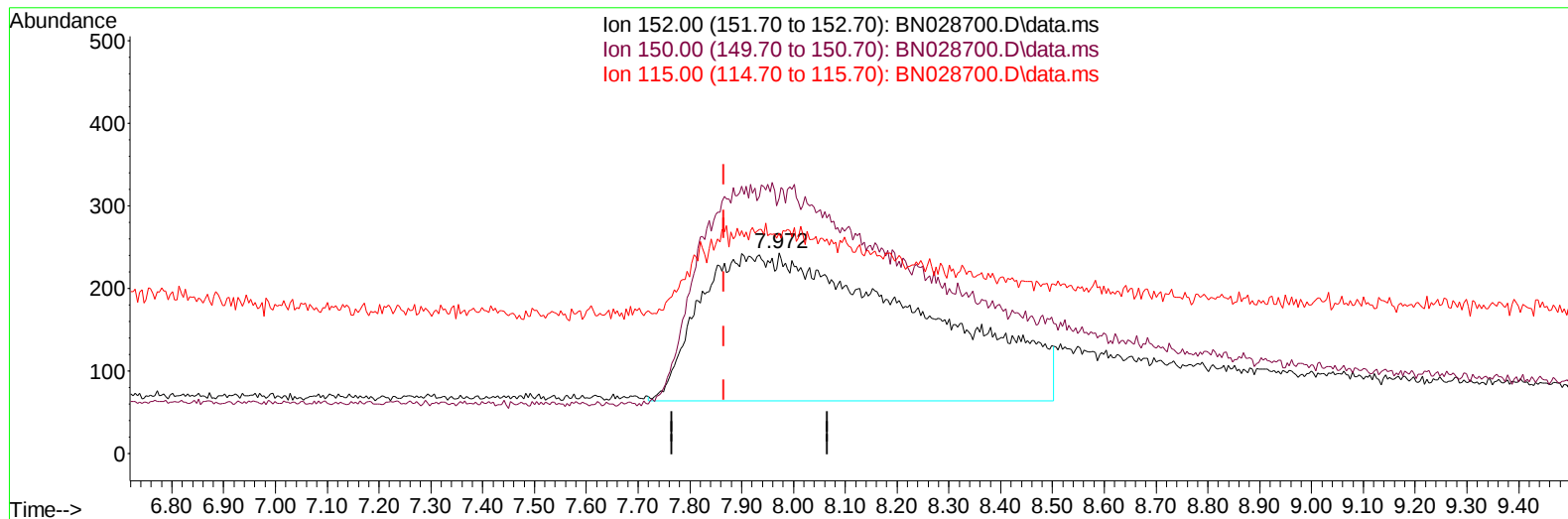
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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TIC: BN028700.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.972min (+ 0.106) 0.40 ng/ul m

response 5305

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	127.16
115.00	62.20	109.88#
0.00	0.00	0.00

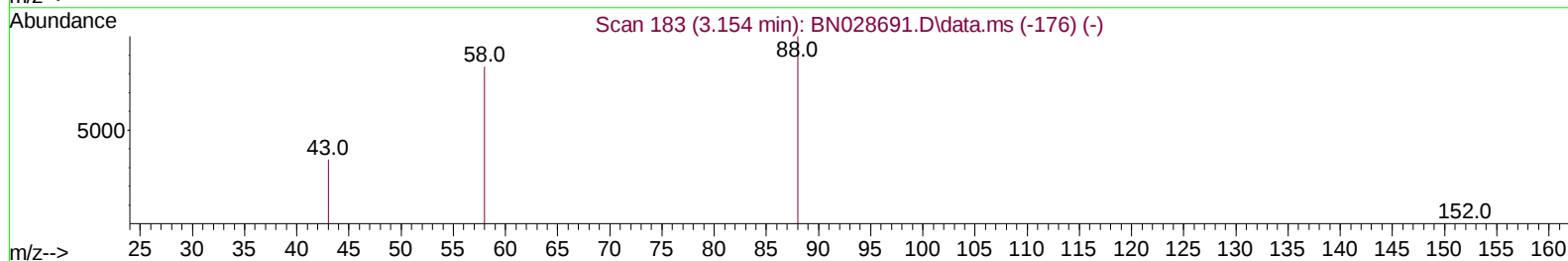
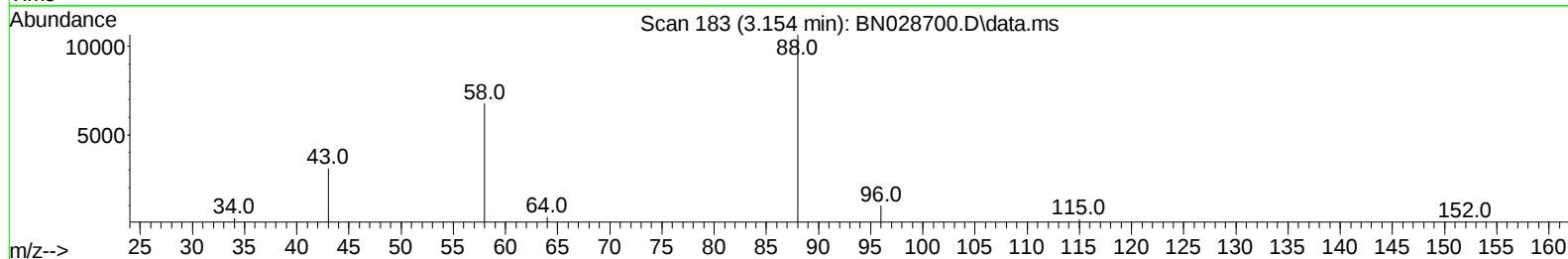
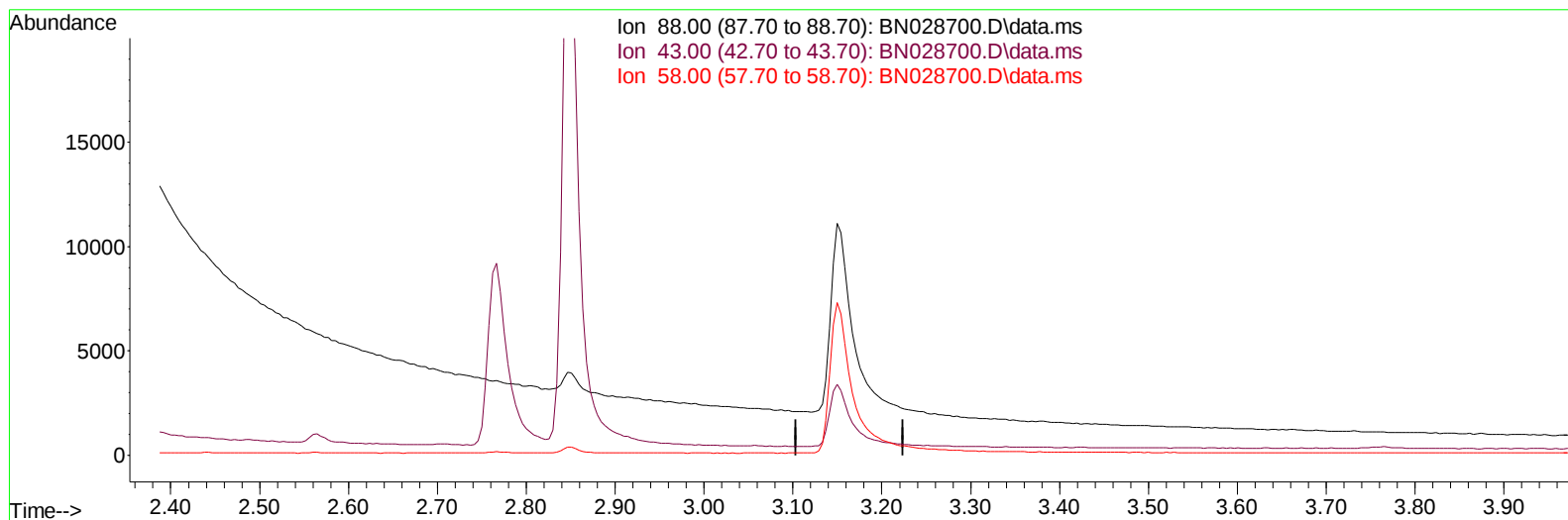
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028700.D
Acq On : 17 Nov 2023 13:52
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Sample : PB157172BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
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TIC: BN028700.D\data.ms

(2) 1,4-Dioxane

3.154min (-3.154) 0.00 ng/u1

response 0

Ion	Exp%	Act%
88.00	100.00	0.00
43.00	41.10	0.00#
58.00	52.30	0.00#
0.00	0.00	0.00

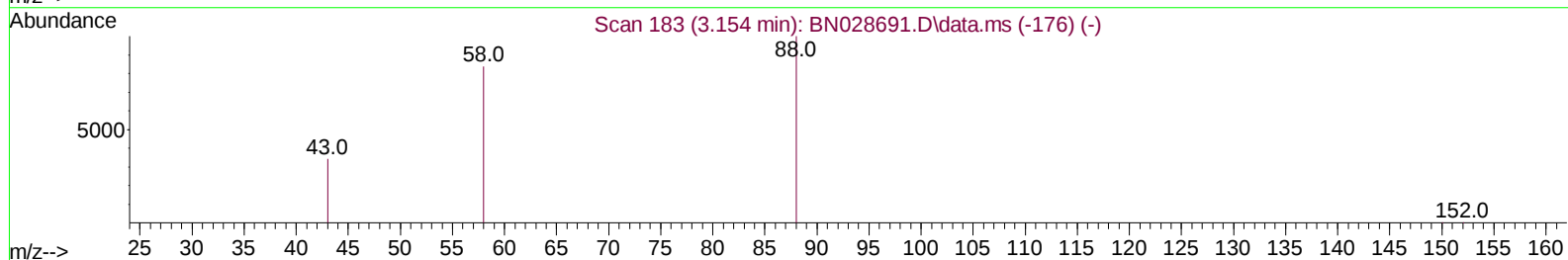
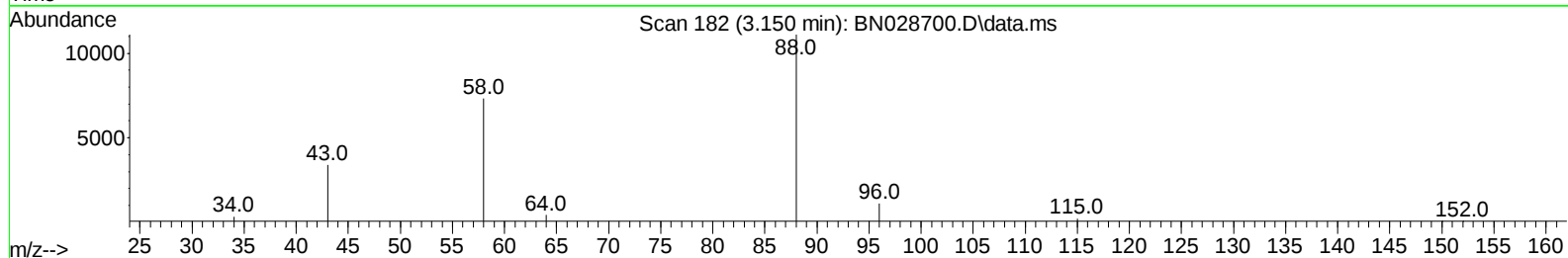
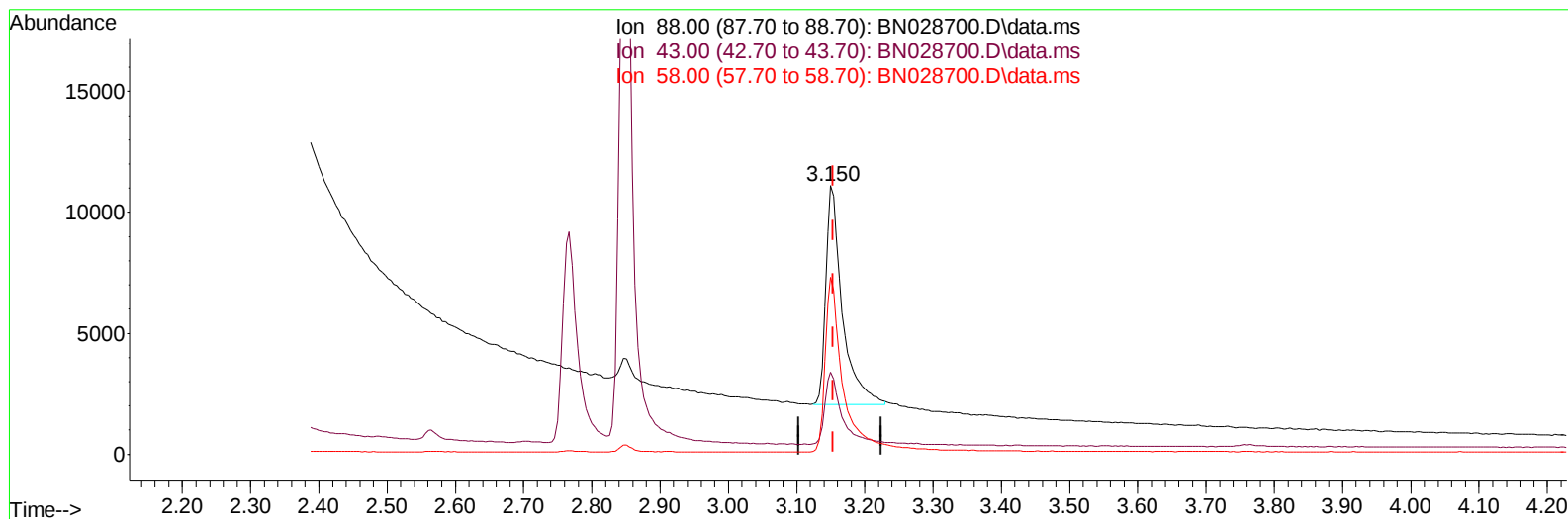
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 ALS Vial : 67 Sample Multiplier: 1

Instrument :
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TIC: BN028700.D\data.ms

(2) 1,4-Dioxane

3.150min (-0.004) 2.35 ng/ul m

response 15259

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	30.61#
58.00	52.30	65.83#
0.00	0.00	0.00

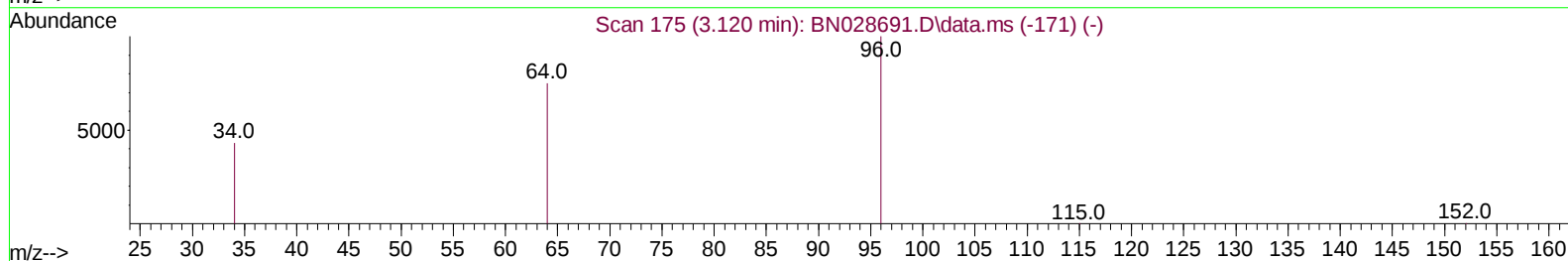
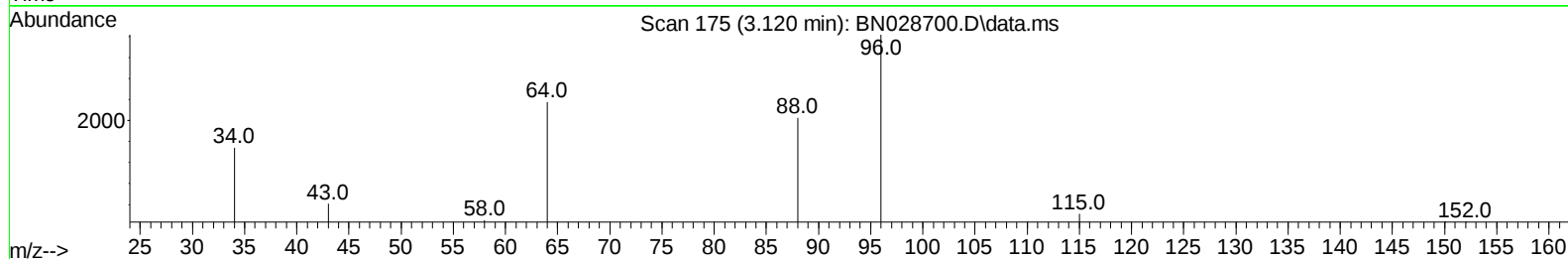
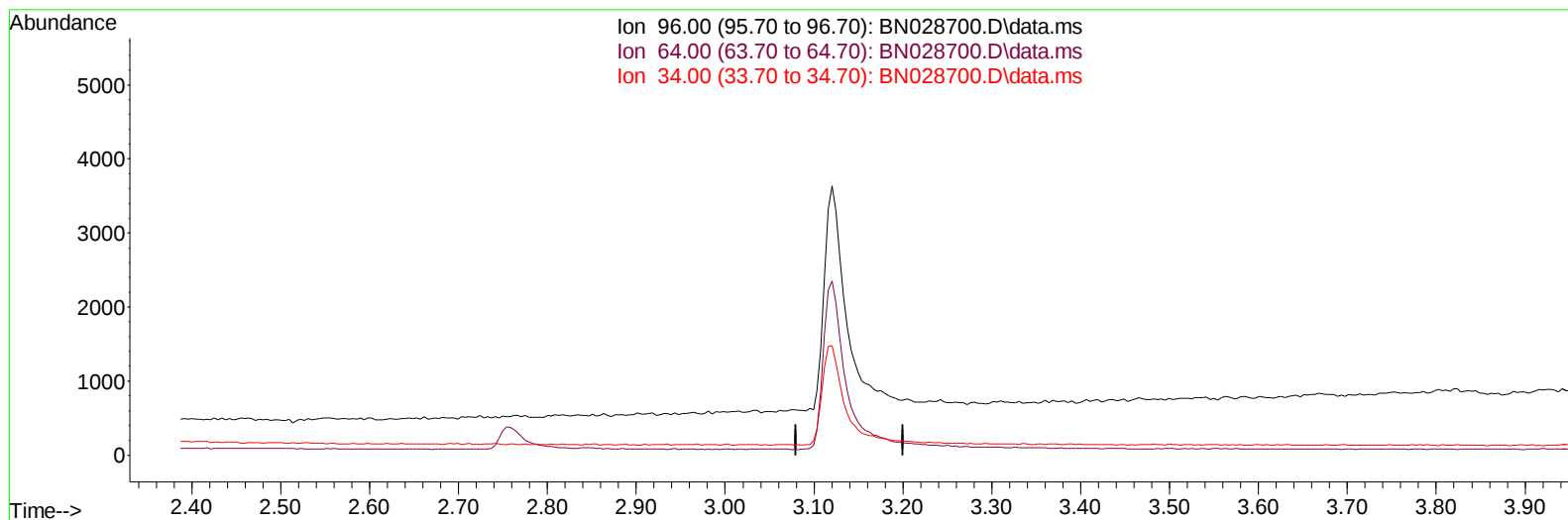
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TIC: BN028700.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.120min (-3.120) 0.00 ng/u1

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
64.00	67.40	0.00#
34.00	38.60	0.00#
0.00	0.00	0.00

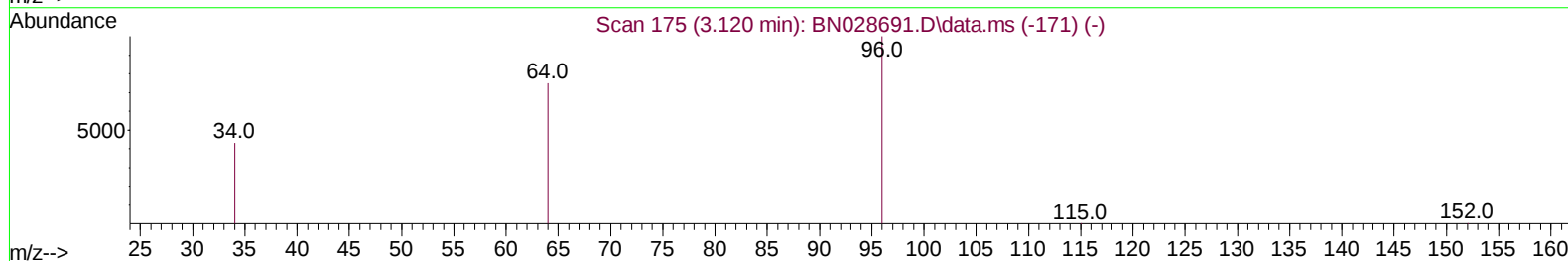
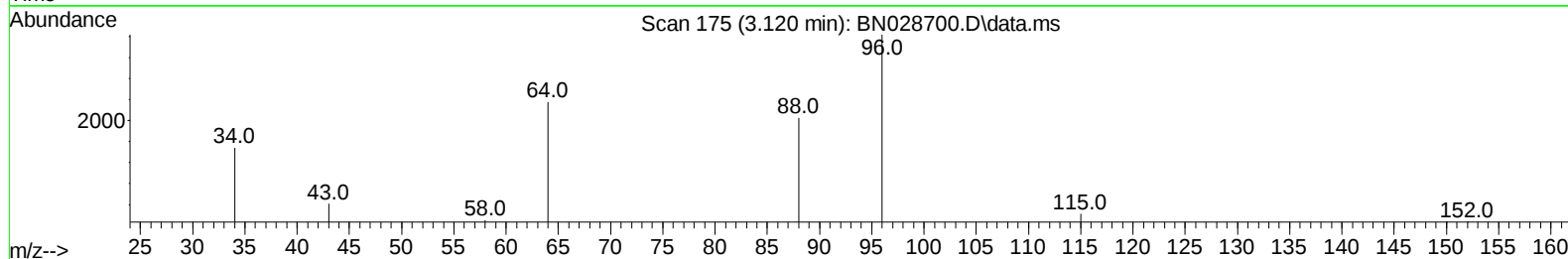
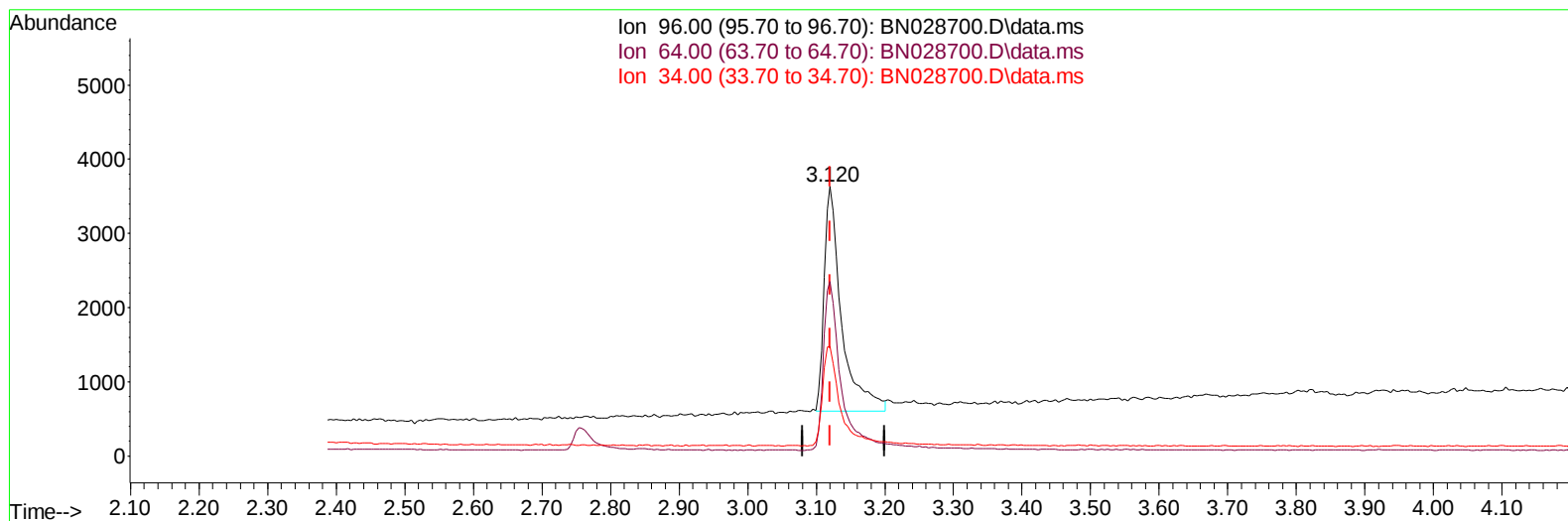
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 Data File : BN028700.D
 Acq On : 17 Nov 2023 13:52
 Operator : MA/JU
 Sample : PB157172BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BN028700.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.120min (+ 0.000) 0.90 ng/ul m

response 5303

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	64.65
34.00	38.60	40.80
0.00	0.00	0.00

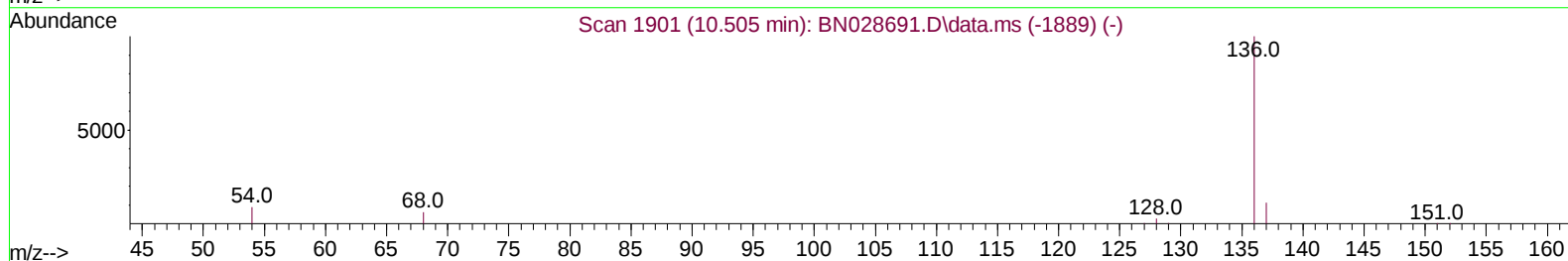
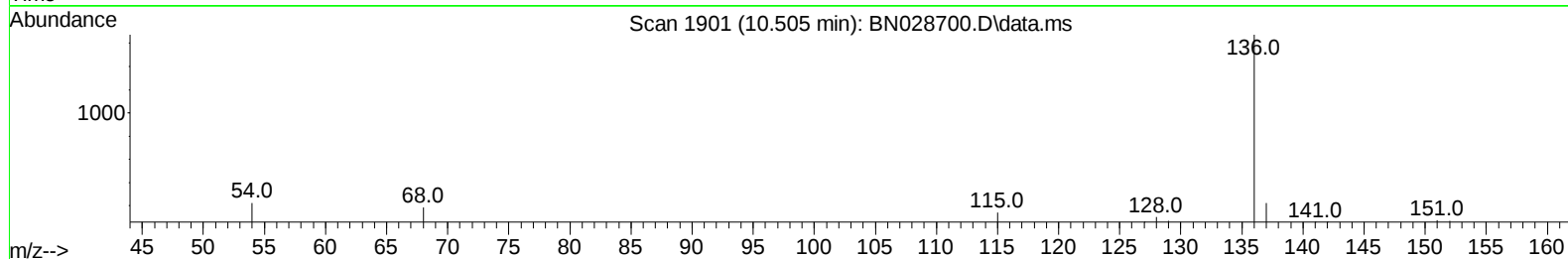
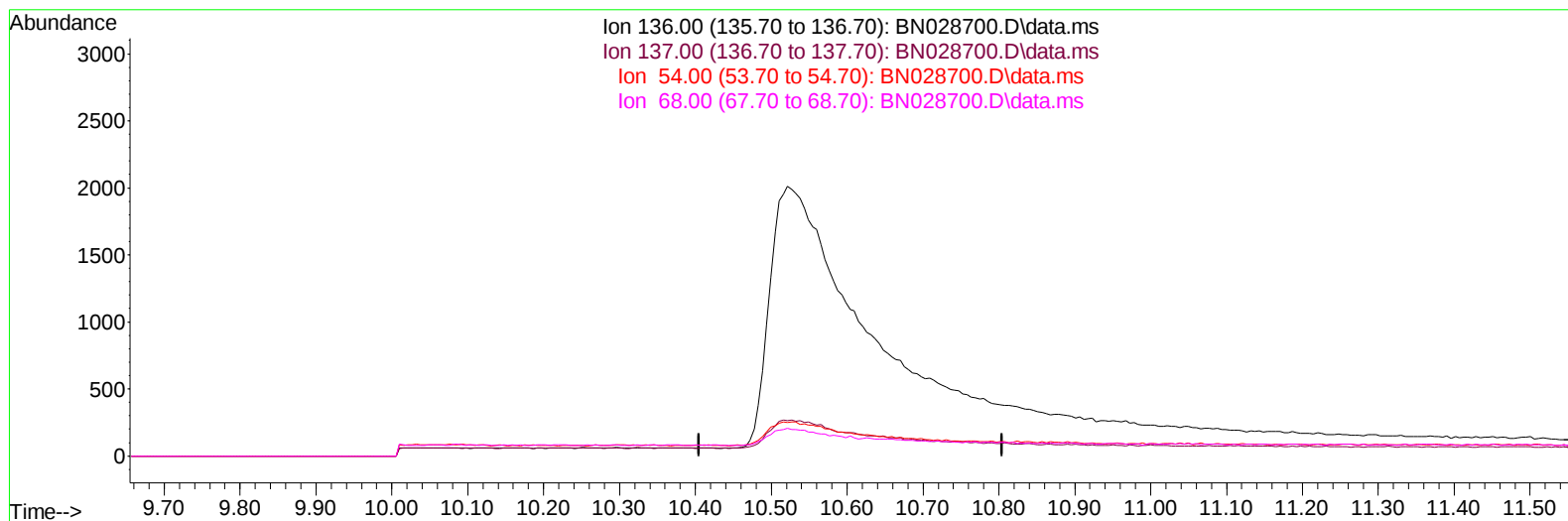
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TIC: BN028700.D\data.ms

(4) Naphthalene-d8 (I)

10.505min (-10.505) 0.00 ng/u1

response 0

Ion	Exp%	Act%
136.00	100.00	0.00
137.00	11.20	0.00#
54.00	9.00	0.00#
68.00	7.10	0.00#

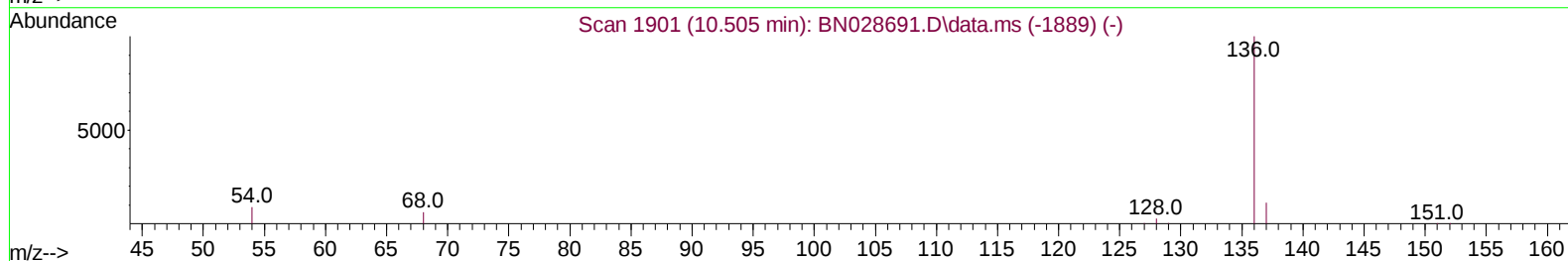
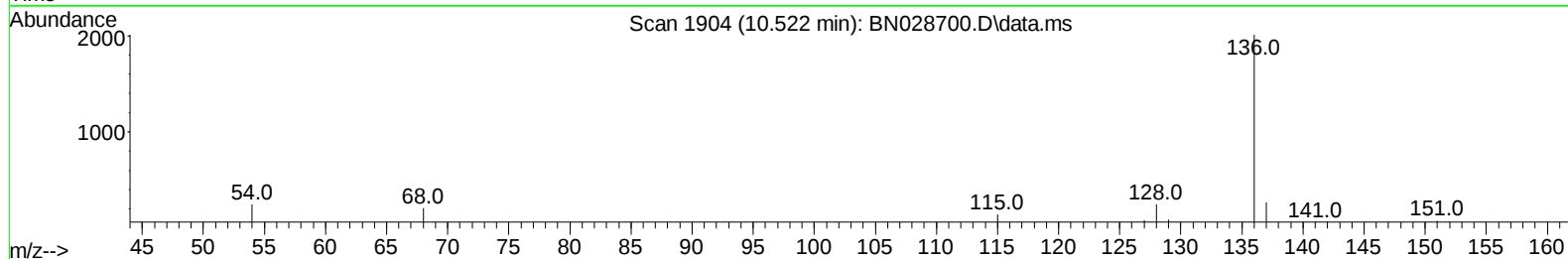
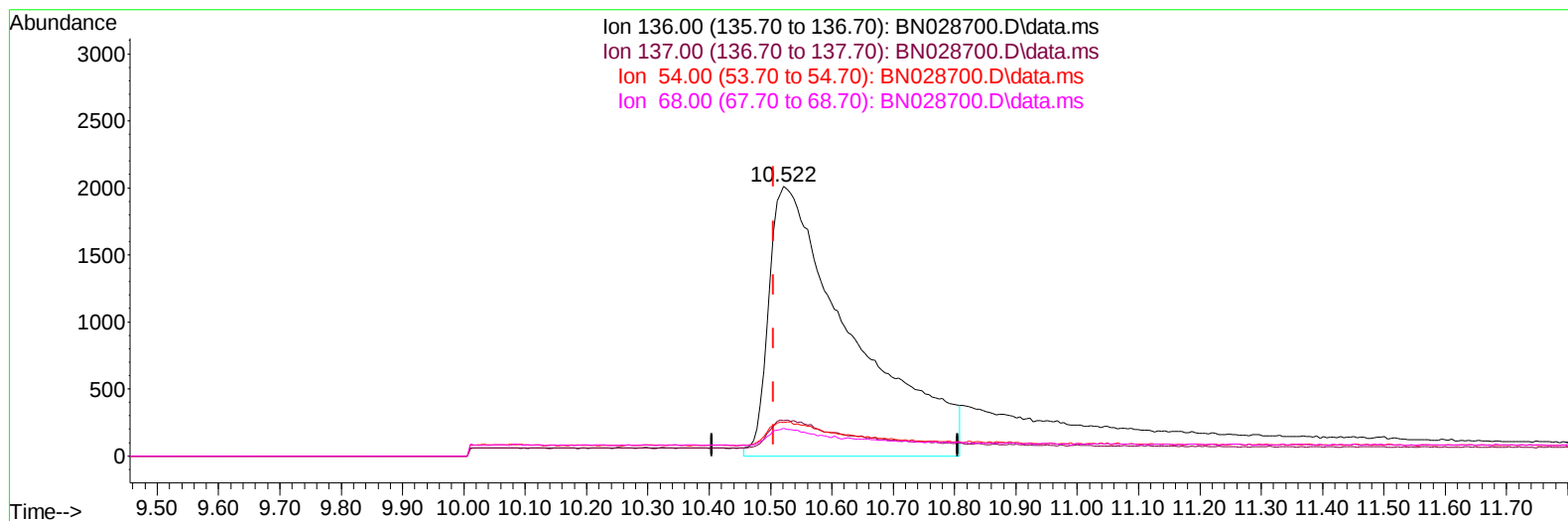
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028700.D
 Acq On : 17 Nov 2023 13:52
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 Sample : PB157172BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
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TIC: BN028700.D\data.ms

(4) Naphthalene-d8 (I)

10.522min (+ 0.017) 0.40 ng/ul m

response 18945

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.18
54.00	9.00	12.44#
68.00	7.10	10.30#

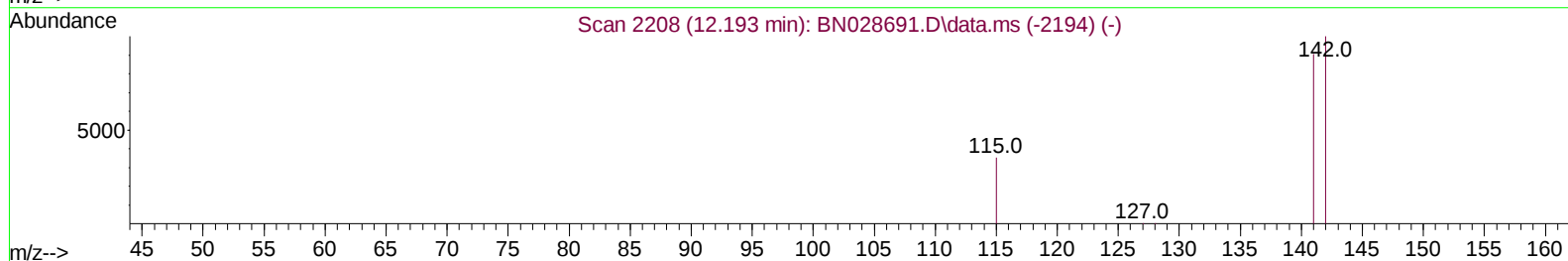
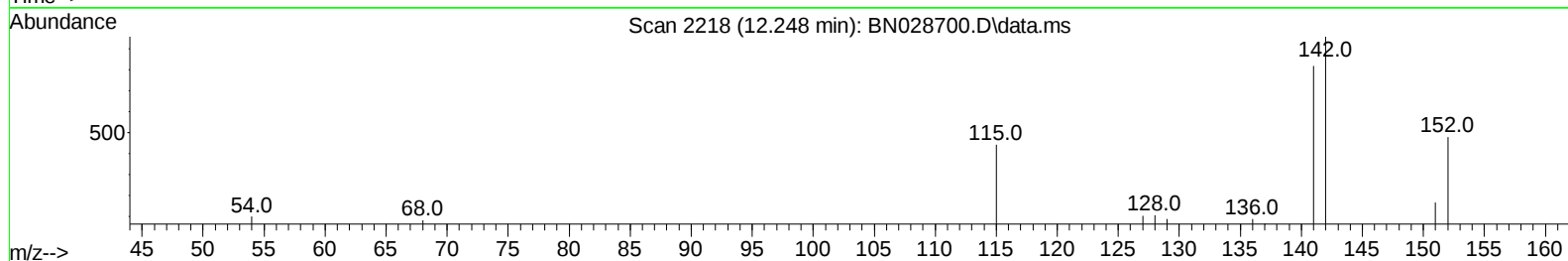
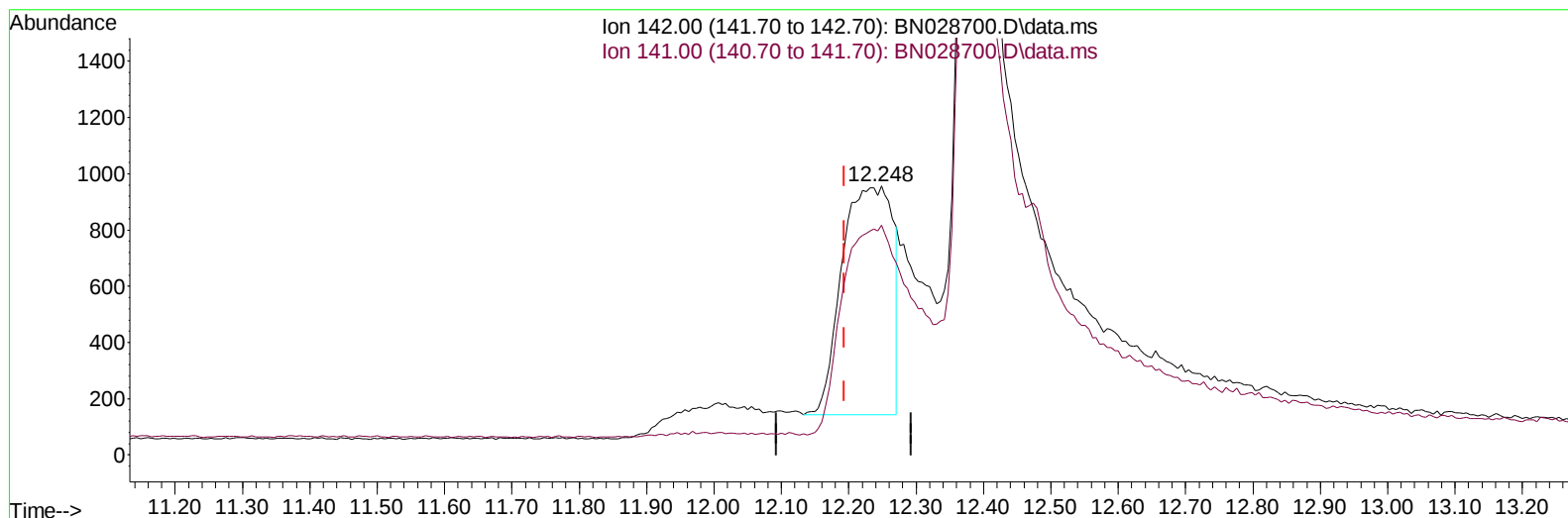
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Misc :
ALS Vial : 67 Sample Multiplier: 1

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TIC: BN028700.D\data.ms

(7) 2-Methylnaphthalene

12.248min (+ 0.055) 0.12 ng/u1

response 4245

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	90.88
0.00	0.00	0.00
0.00	0.00	0.00

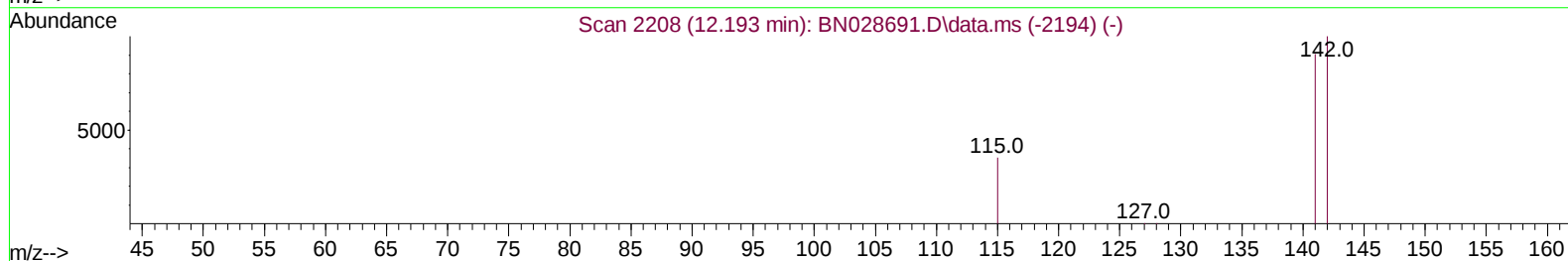
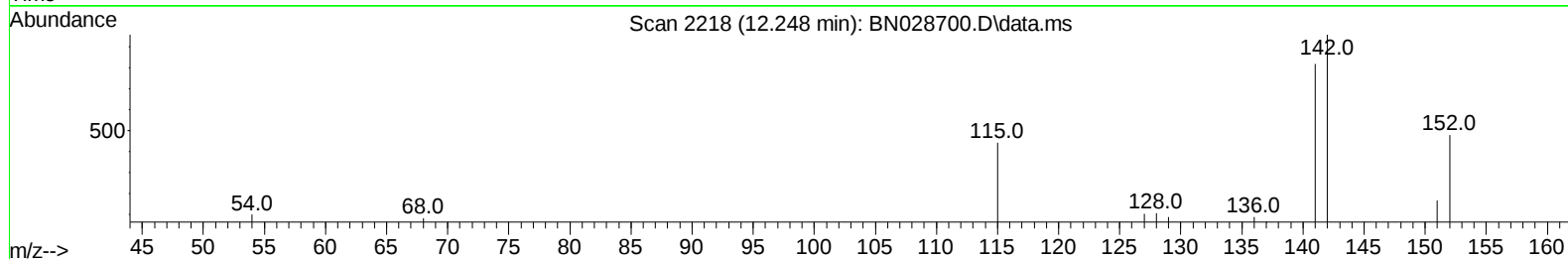
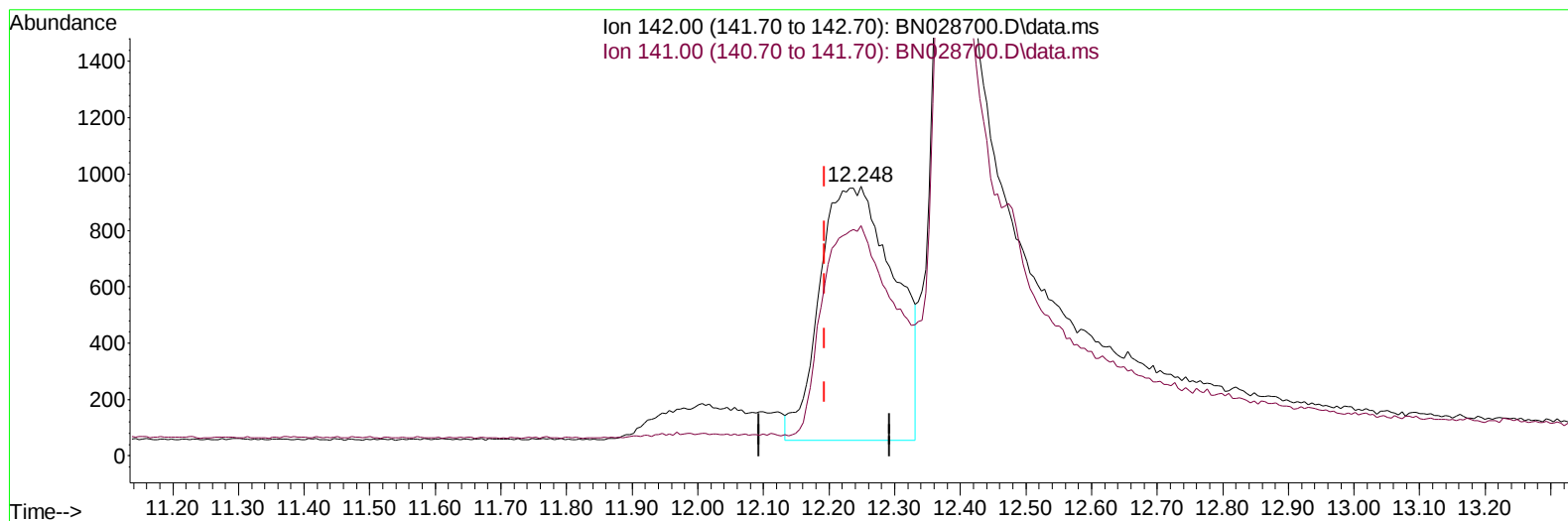
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Operator : MA/JU
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Misc :
ALS Vial : 67 Sample Multiplier: 1

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TIC: BN028700.D\data.ms

(7) 2-Methylnaphthalene

12.248min (+ 0.055) 0.20 ng/ul m

response 7090

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	54.41#
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	5305m	0.400	ng/ul	0.11
4) Naphthalene-d8	10.522	136	18945m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.329	164	12502	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.097	188	18293	0.400	ng/ul	0.00
17) Chrysene-d12	21.303	240	15927	0.400	ng/ul	# 0.00
23) Perylene-d12	23.583	264	15210	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5303m	0.904	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.149	152	3651	0.128	ng/ul	0.02
18) Fluoranthene-d10	19.126	212	19017	0.371	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.150	88	15259m	2.355	ng/ul	
5) Naphthalene	10.571	128	12763	0.240	ng/ul#	93
7) 2-Methylnaphthalene	12.248	142	7090m	0.203	ng/ul	
8) 1-Methylnaphthalene	12.380	142	8356	0.235	ng/ul	99
10) Acenaphthylene	14.056	152	18284	0.293	ng/ul	97
11) Acenaphthene	14.394	153	15488	0.337	ng/ul	99
12) Fluorene	15.407	166	12671	0.237	ng/ul	96
14) Pentachlorophenol	16.751	266	2530	0.576	ng/ul	99
15) Phenanthrene	17.140	178	19854	0.353	ng/ul	96
16) Anthracene	17.266	178	8902	0.173	ng/ul	94
19) Fluoranthene	19.153	202	24735	0.365	ng/ul	97
20) Pyrene	19.521	202	29505	0.420	ng/ul	96
21) Benzo(a)anthracene	21.292	228	13584	0.216	ng/ul	99
22) Chrysene	21.341	228	19434	0.316	ng/ul	99
24) Benzo(b)fluoranthene	22.896	252	17792	0.312	ng/ul	85
25) Benzo(k)fluoranthene	22.940	252	21862	0.366	ng/ul#	90
26) Benzo(a)pyrene	23.492	252	18578	0.345	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.940	276	21531	0.360	ng/ul	99
28) Dibenzo(a,h)anthracene	25.970	278	15953	0.334	ng/ul#	90
29) Benzo(g,h,i)perylene	26.644	276	20203	0.412	ng/ul	96

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

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