

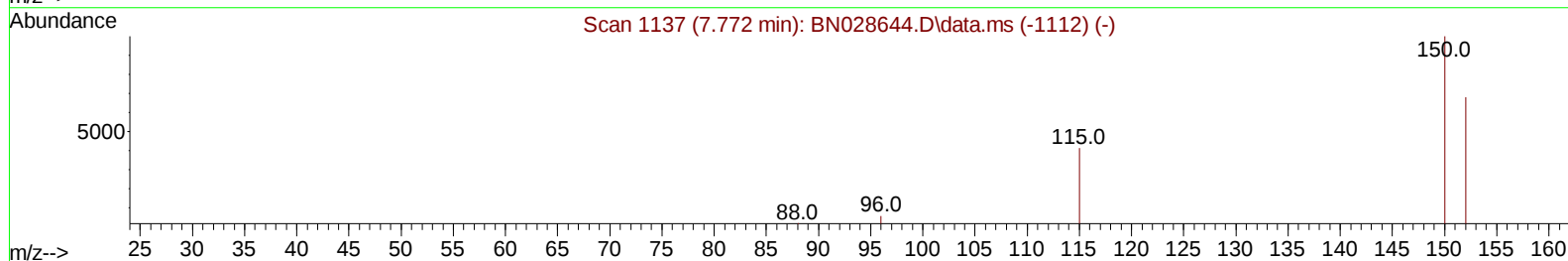
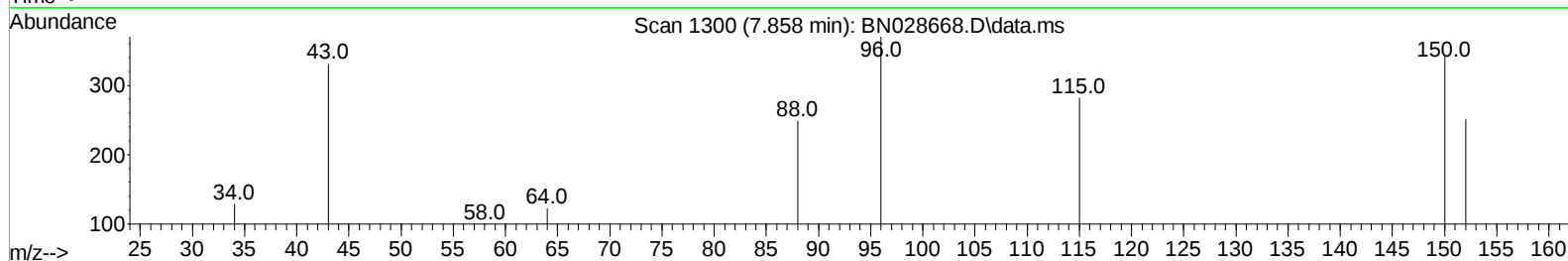
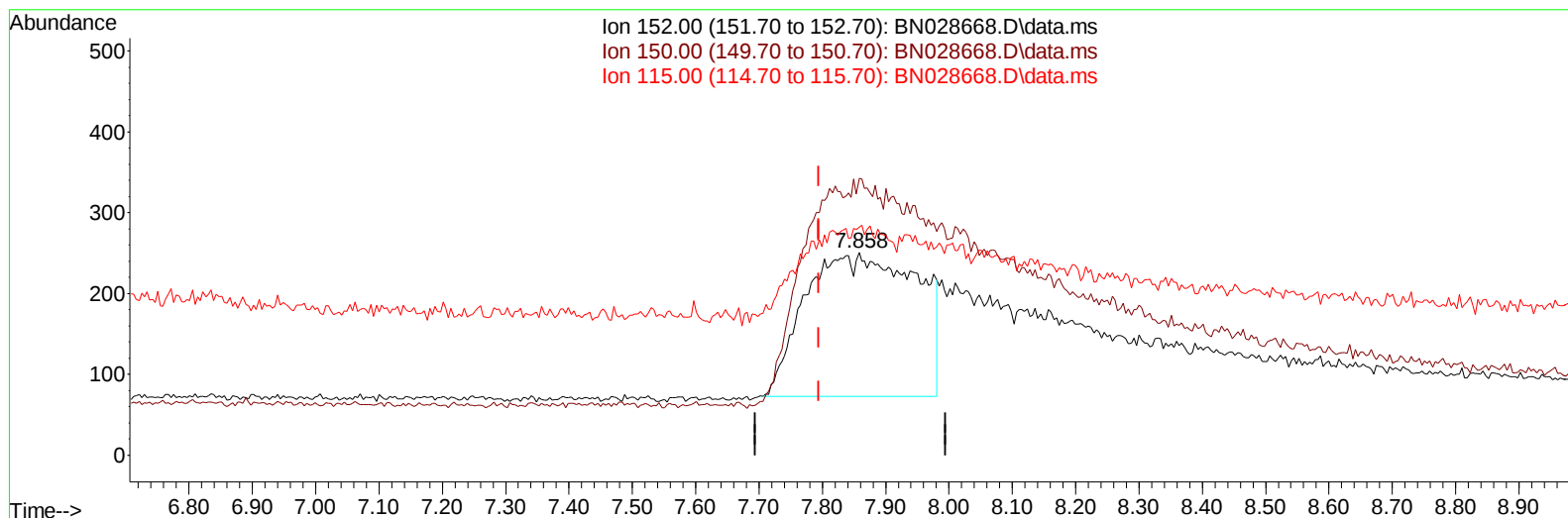
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028668.D
 Acq On : 16 Nov 2023 17:34
 Operator : MA/JU
 Sample : PB157060BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS060

Manual IntegrationsAPPROVED

Quant Time: Nov 16 22:40:46 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 : Thu Nov 16 22:38:14 2023
 Response via : Initial Calibration

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



TIC: BN028668.D\data.ms

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

7.858min (+ 0.063) 0.40 ng/u1

response 2178

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	136.65
115.00	62.20	112.35#
0.00	0.00	0.00

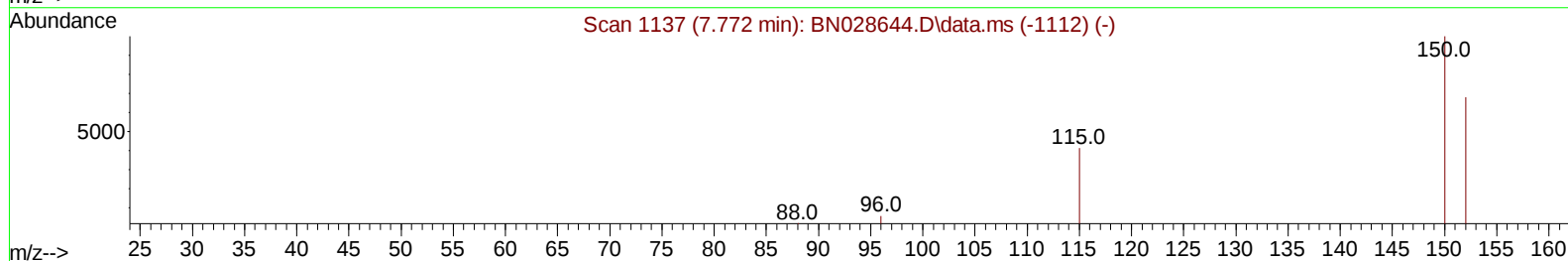
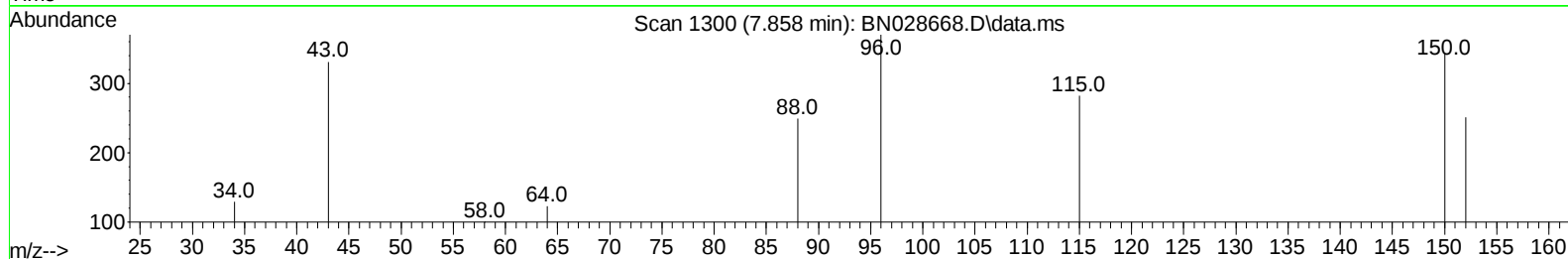
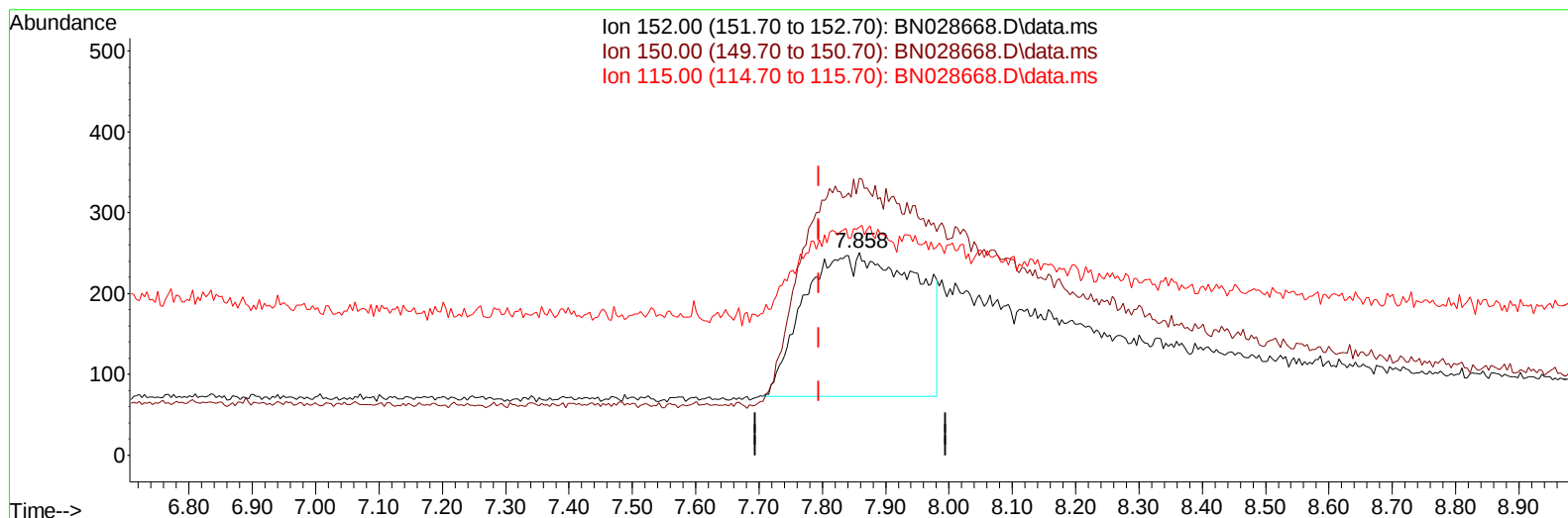
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7.858min (+ 0.063) 0.40 ng/u1

response 2178

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	136.65
115.00	62.20	112.35#
0.00	0.00	0.00

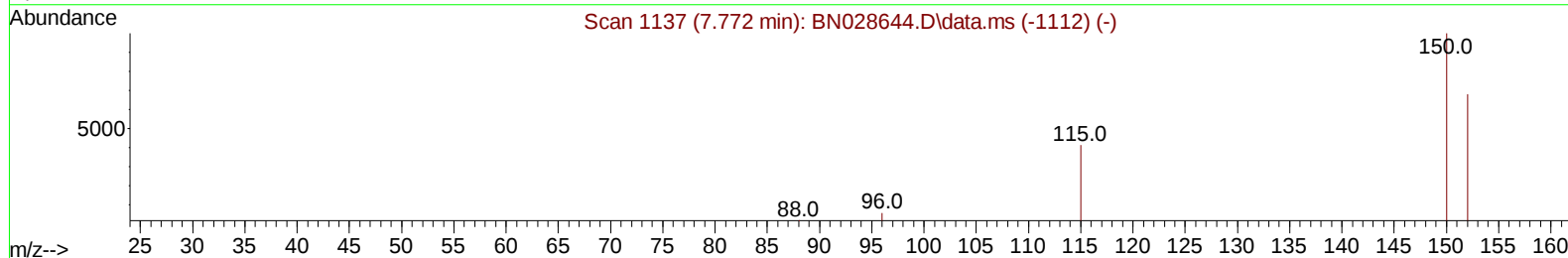
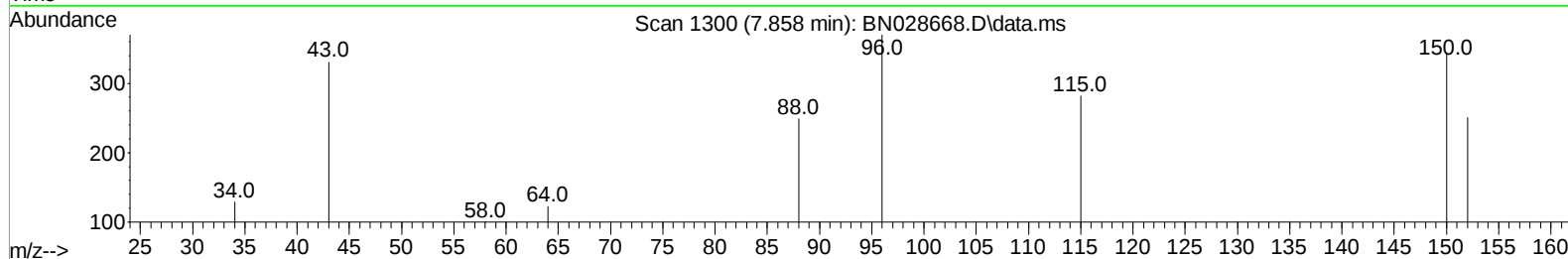
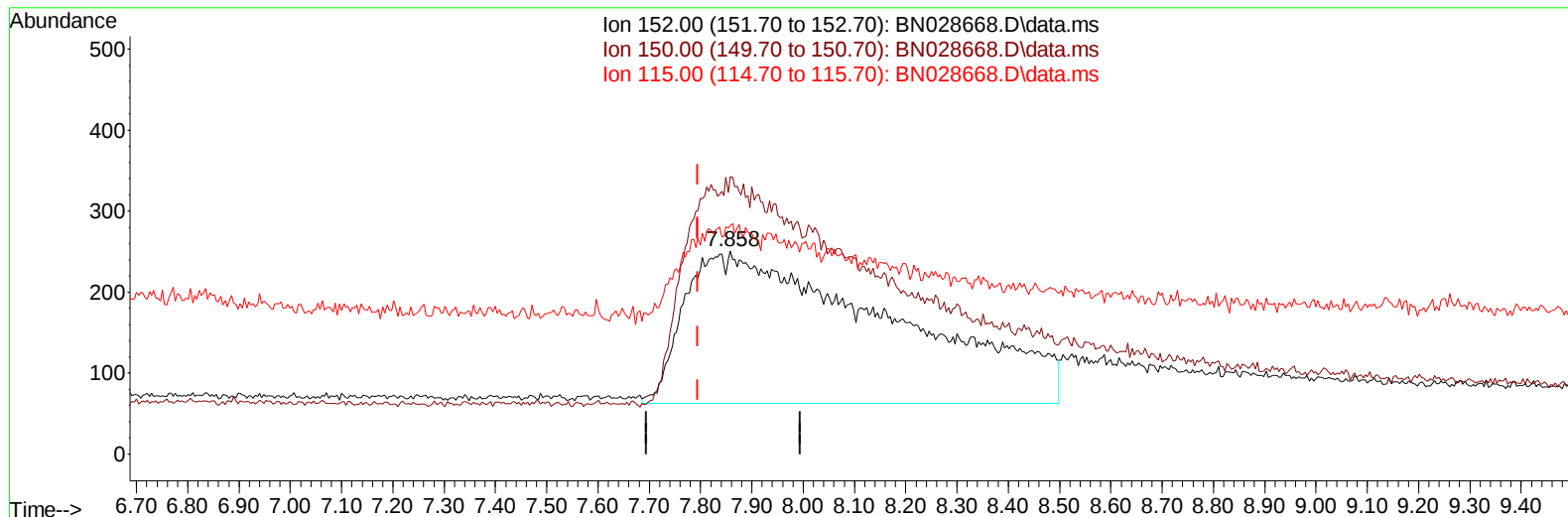
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TIC: BN028668.D\data.ms

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

7.858min (+ 0.063) 0.40 ng/ul m

response 5278

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	136.65
115.00	62.20	112.35#
0.00	0.00	0.00

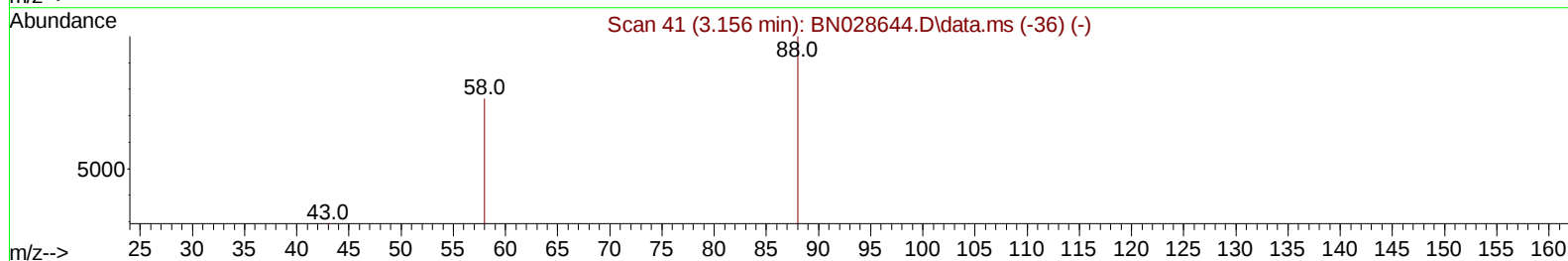
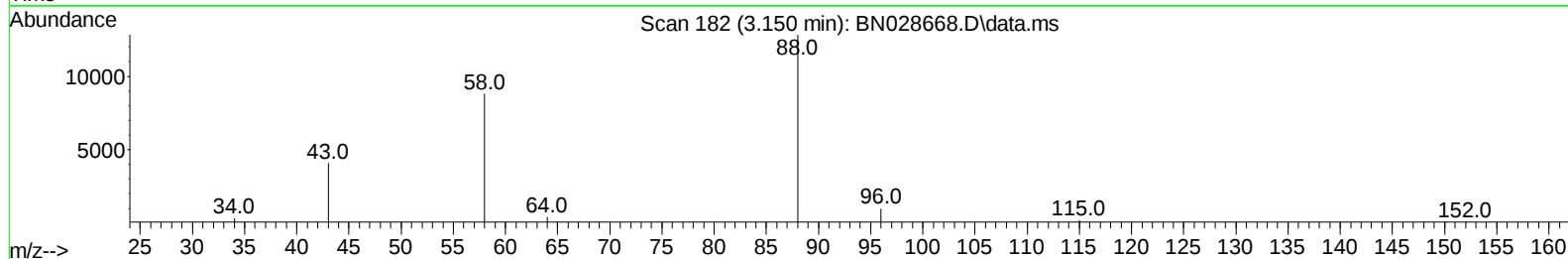
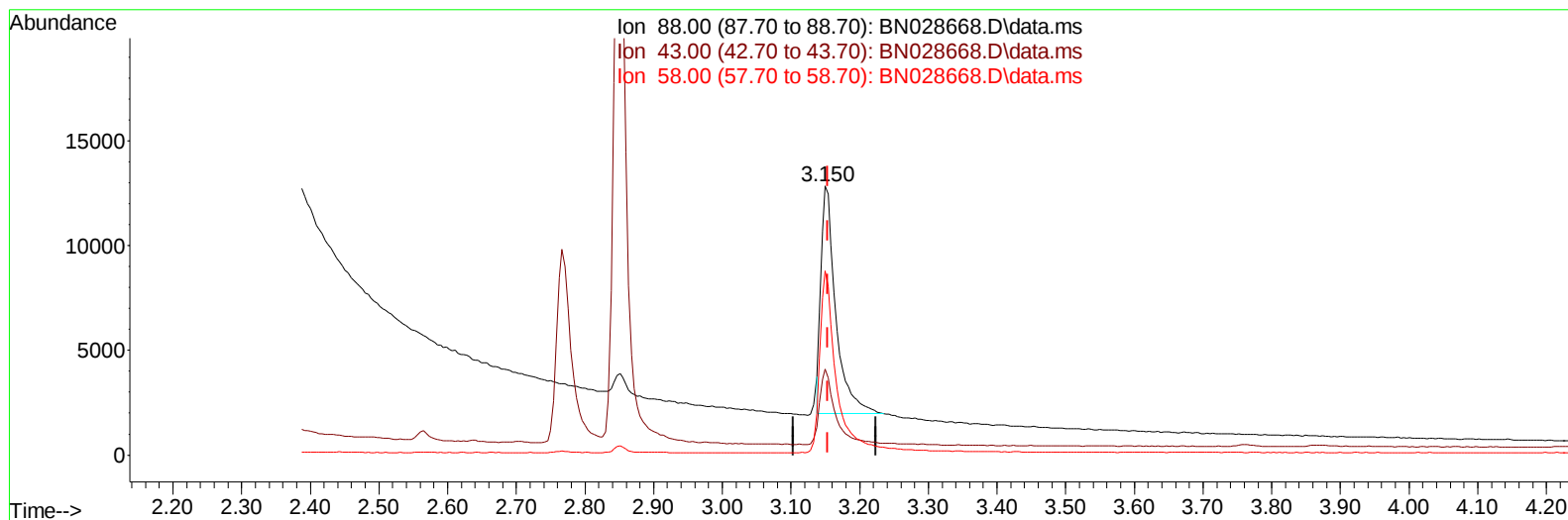
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TIC: BN028668.D\data.ms

(2) 1,4-Dioxane

3.150min (-0.004) 2.53 ng/u1

response 16312

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	31.88#
58.00	52.30	68.60#
0.00	0.00	0.00

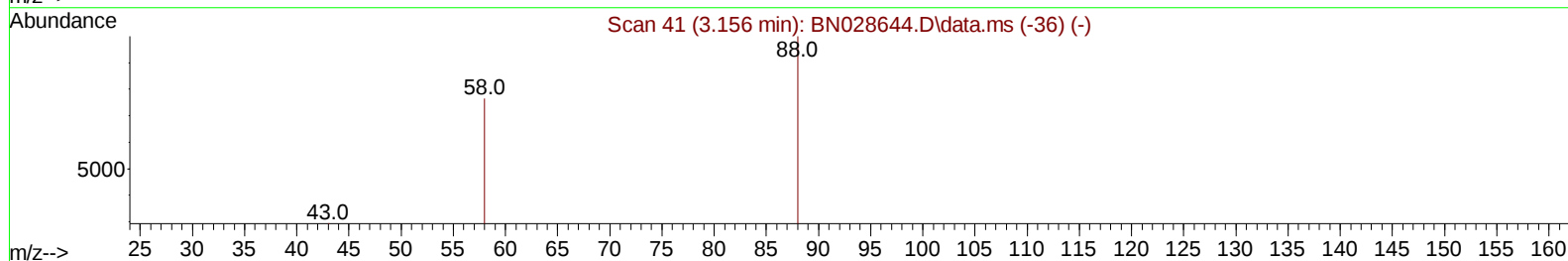
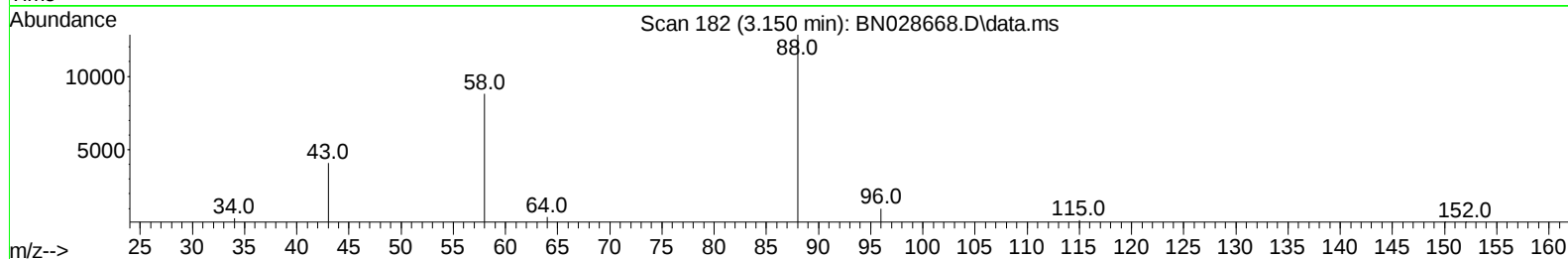
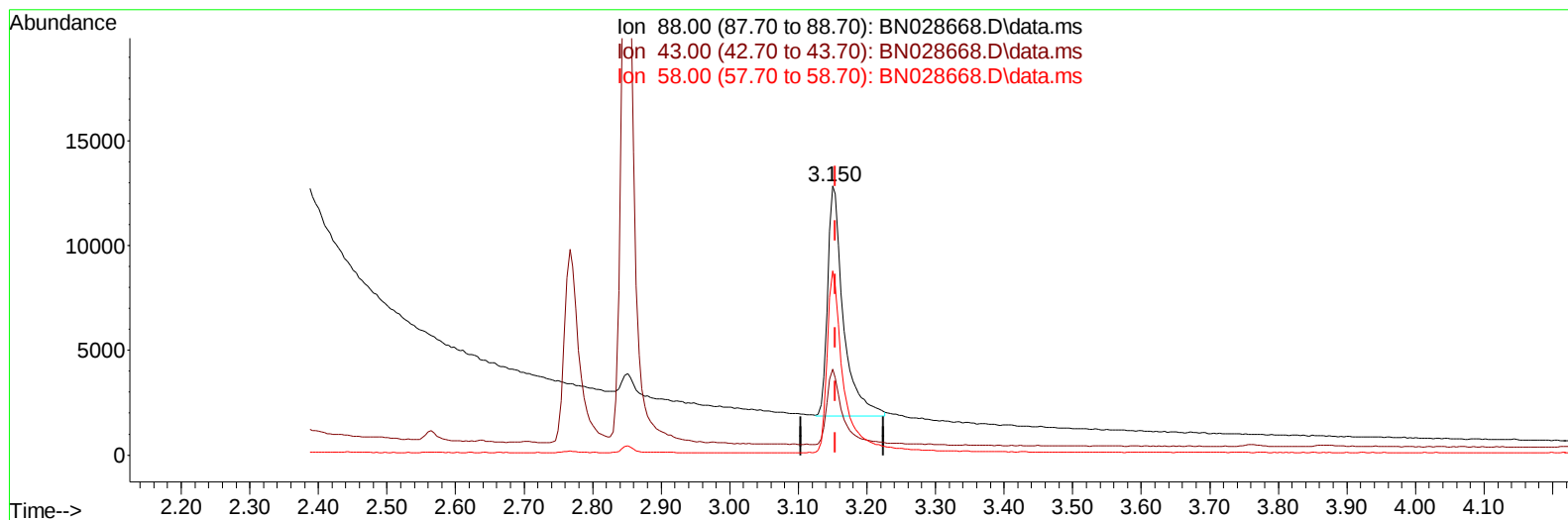
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Data File : BN028668.D
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Sample : PB157060BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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TIC: BN028668.D\data.ms

(2) 1,4-Dioxane

3.150min (-0.004) 2.72 ng/ul m

response 17536

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	31.88#
58.00	52.30	68.60#
0.00	0.00	0.00

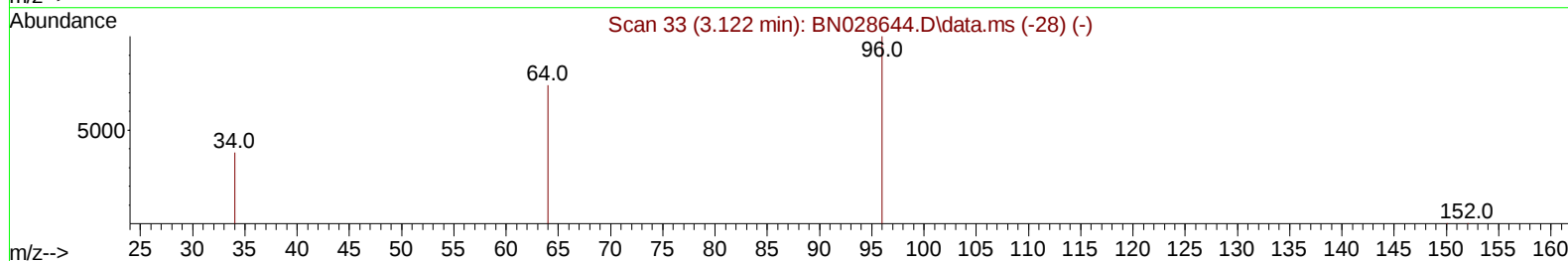
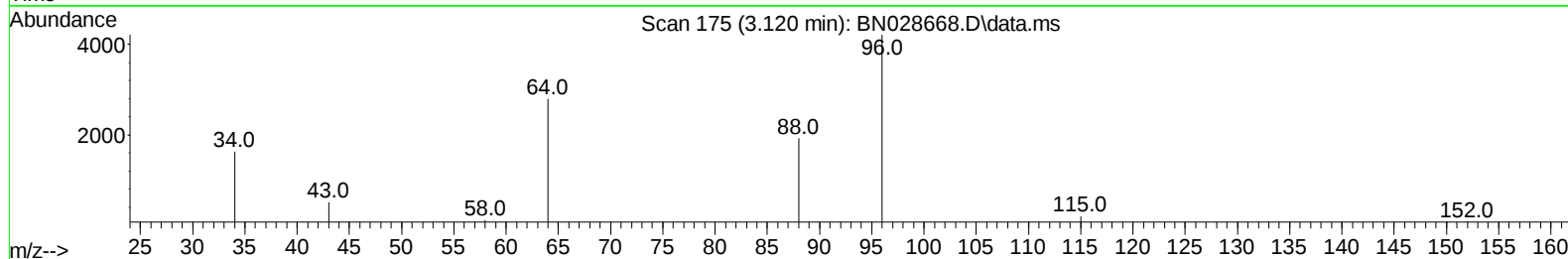
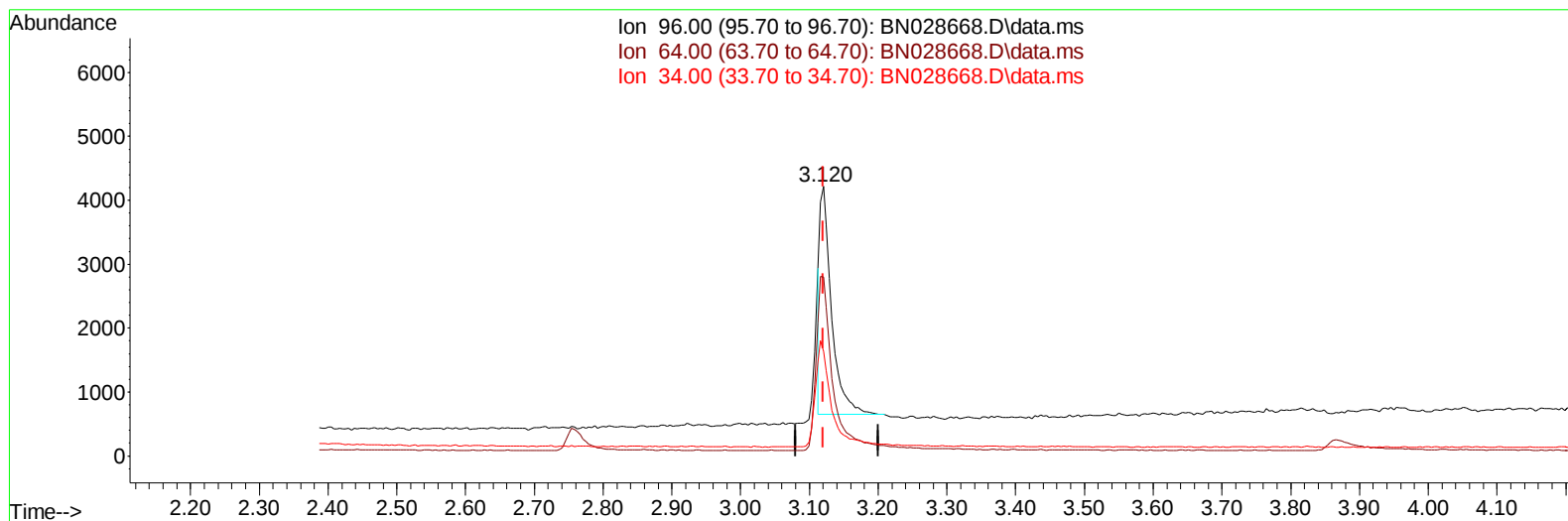
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Sample : PB157060BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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TIC: BN028668.D\data.ms

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

3.120min (+ 0.000) 0.73 ng/u1

response 4265

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	66.37
34.00	38.60	38.69
0.00	0.00	0.00

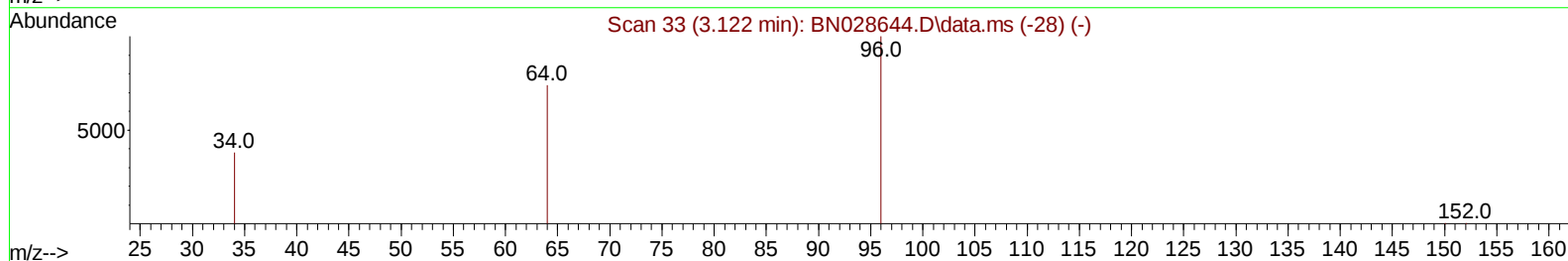
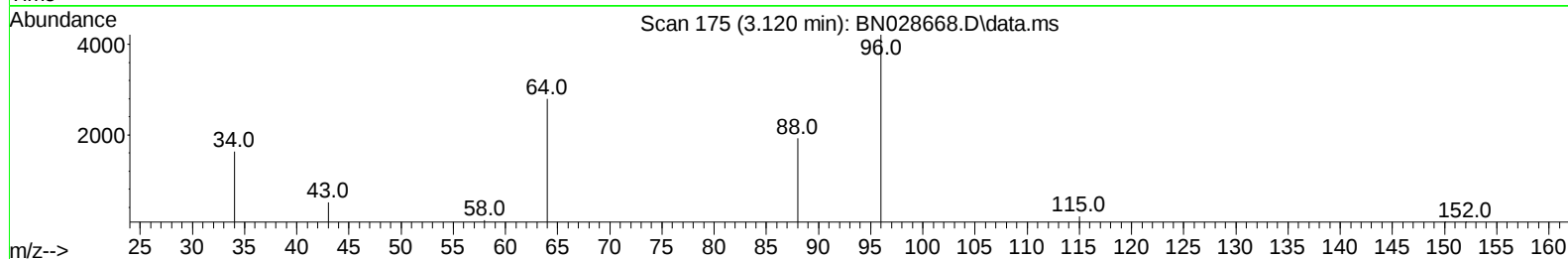
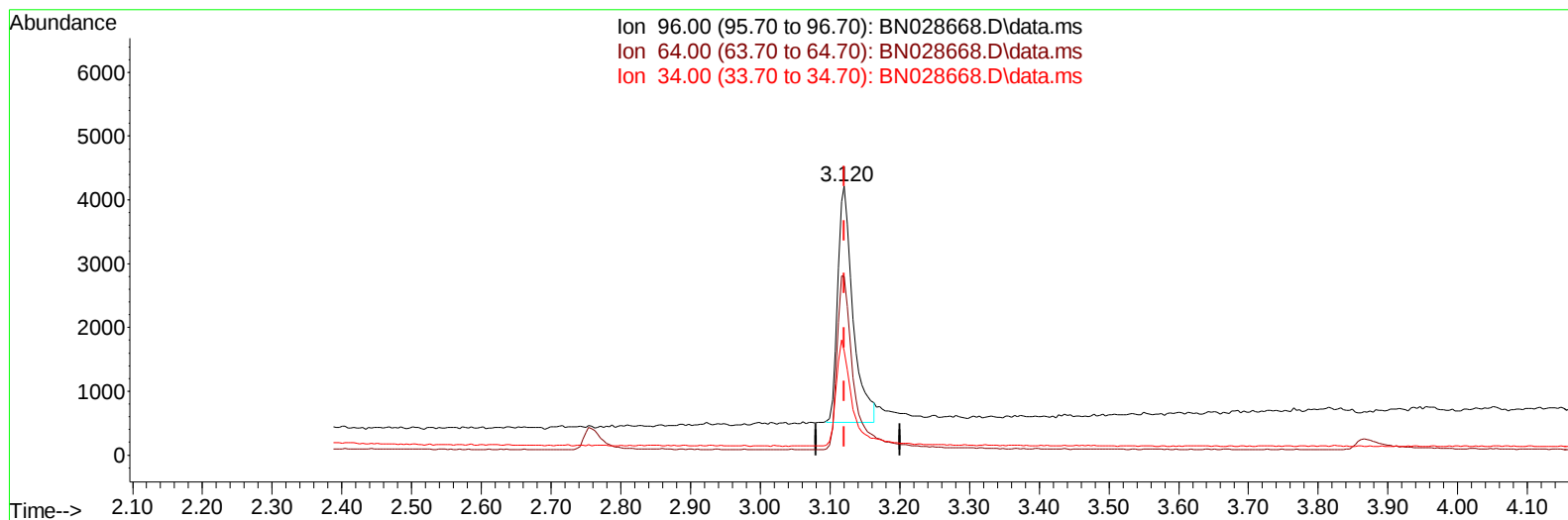
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Instrument :
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TIC: BN028668.D\data.ms

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

3.120min (+ 0.000) 0.95 ng/ul m

response 5565

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	66.37
34.00	38.60	38.69
0.00	0.00	0.00

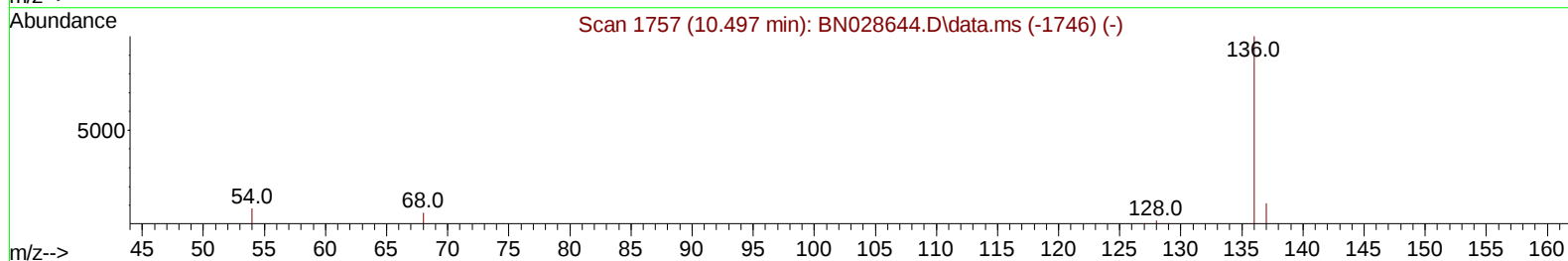
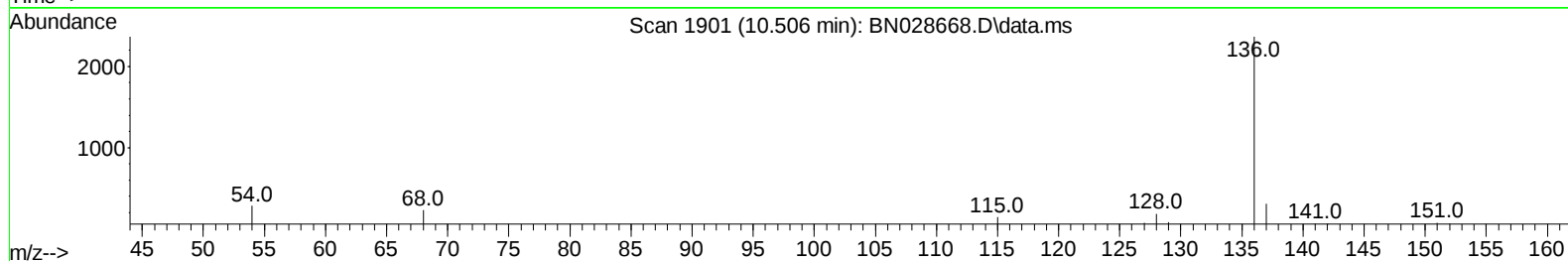
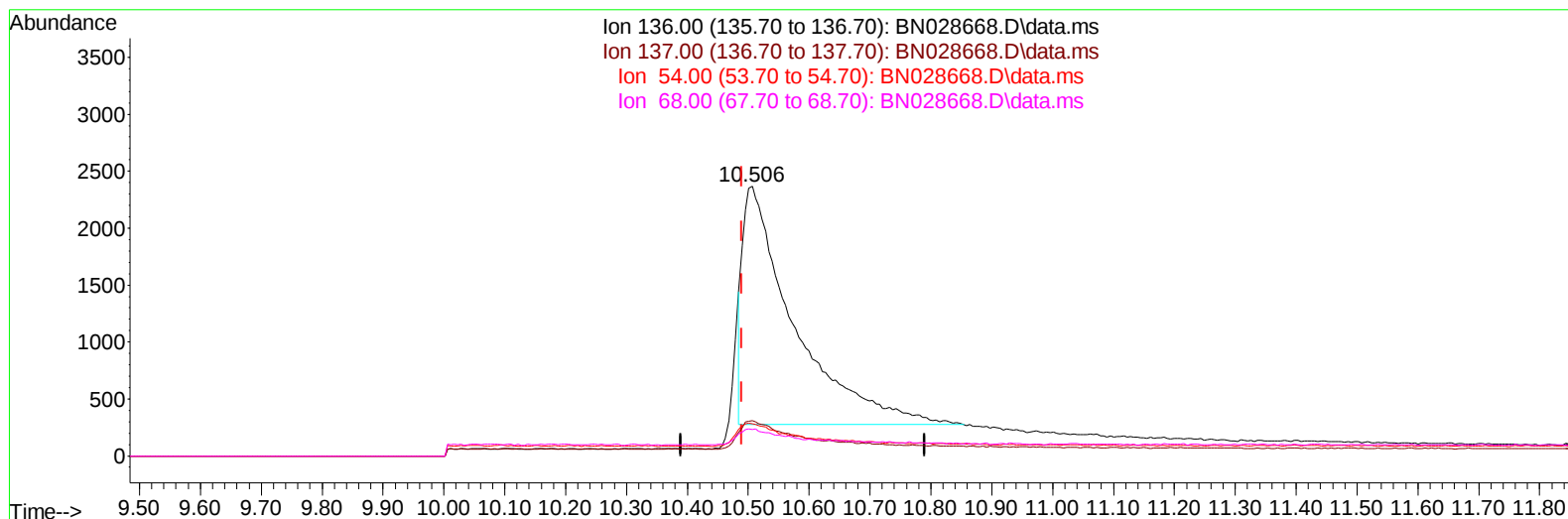
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TIC: BN028668.D\data.ms

(4) Naphthalene-d8 (I)

10.506min (+ 0.017) 0.40 ng/u1

response 12259

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.98
54.00	9.00	11.96#
68.00	7.10	9.89#

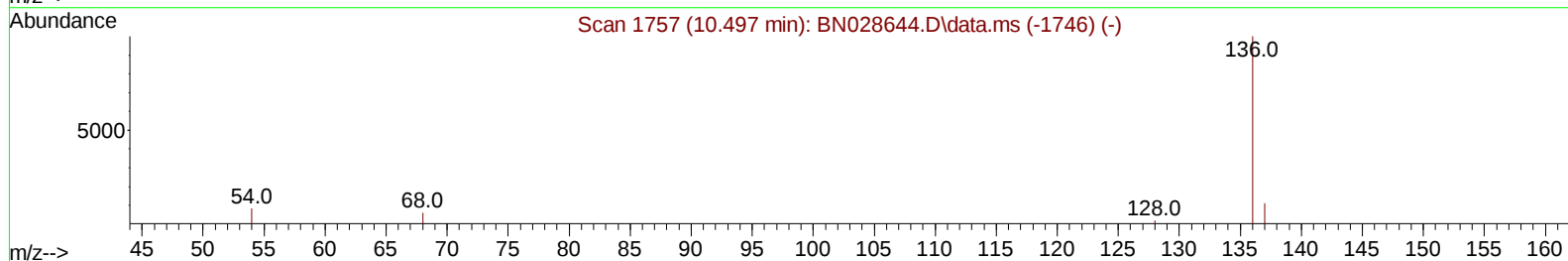
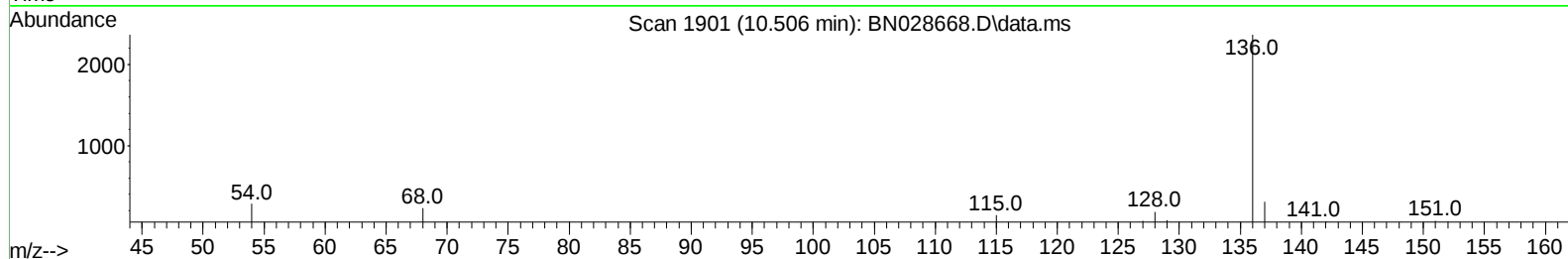
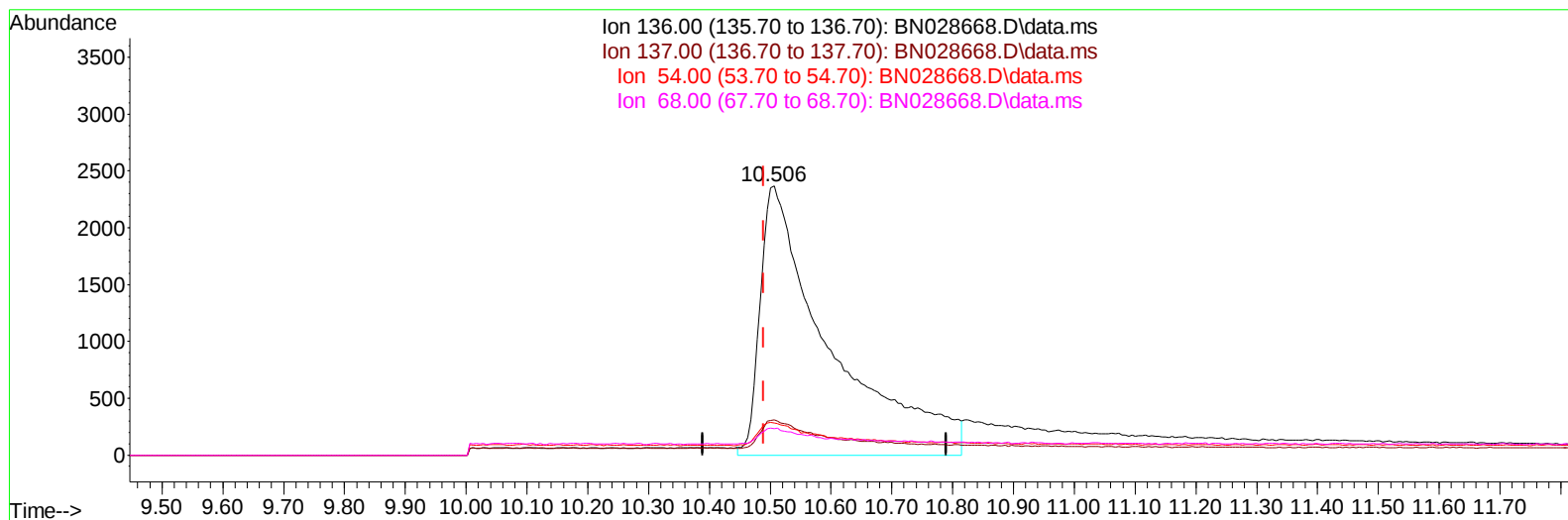
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 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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TIC: BN028668.D\data.ms

(4) Naphthalene-d8 (I)

10.506min (+ 0.017) 0.40 ng/ul m

response 18851

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.98
54.00	9.00	11.96#
68.00	7.10	9.89#

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 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	5278m	0.400	ng/ul	0.06
4) Naphthalene-d8	10.506	136	18851m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.330	164	12306	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.094	188	17504	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	15727	0.400	ng/ul	# 0.00
23) Perylene-d12	23.584	264	14666	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5565m	0.954	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.123	152	5886	0.207	ng/ul	0.01
18) Fluoranthene-d10	19.122	212	23883	0.472	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	17536m	2.720	ng/ul	
5) Naphthalene	10.556	128	15728	0.298	ng/ul#	95
7) 2-Methylnaphthalene	12.195	142	6514	0.187	ng/ul	98
8) 1-Methylnaphthalene	12.376	142	10653	0.301	ng/ul	99
10) Acenaphthylene	14.052	152	21423	0.349	ng/ul	98
11) Acenaphthene	14.390	153	17949	0.397	ng/ul	98
12) Fluorene	15.403	166	15150	0.288	ng/ul	99
14) Pentachlorophenol	16.747	266	2864	0.682	ng/ul	100
15) Phenanthrene	17.136	178	23053	0.429	ng/ul	98
16) Anthracene	17.250	178	11861	0.241	ng/ul	94
19) Fluoranthene	19.150	202	30386	0.454	ng/ul	98
20) Pyrene	19.512	202	35268	0.509	ng/ul	96
21) Benzo(a)anthracene	21.284	228	17333	0.279	ng/ul	98
22) Chrysene	21.336	228	24025	0.395	ng/ul	99
24) Benzo(b)fluoranthene	22.891	252	21136	0.384	ng/ul	89
25) Benzo(k)fluoranthene	22.938	252	26829	0.465	ng/ul#	92
26) Benzo(a)pyrene	23.487	252	22036	0.424	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.937	276	26553	0.460	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.964	278	19653	0.426	ng/ul	95
29) Benzo(g,h,i)perylene	26.641	276	24158	0.511	ng/ul	96

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

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