

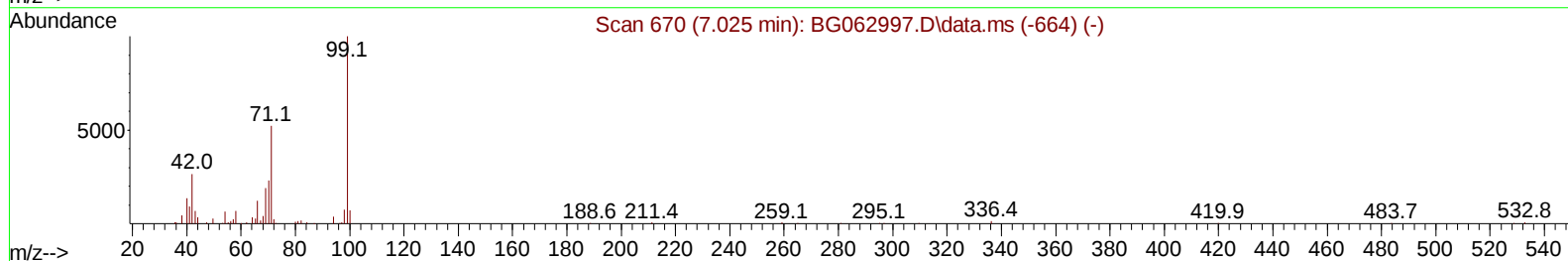
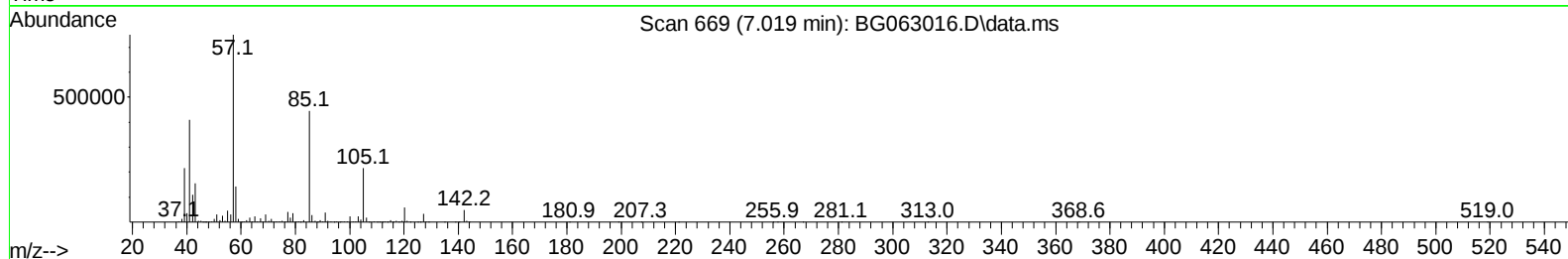
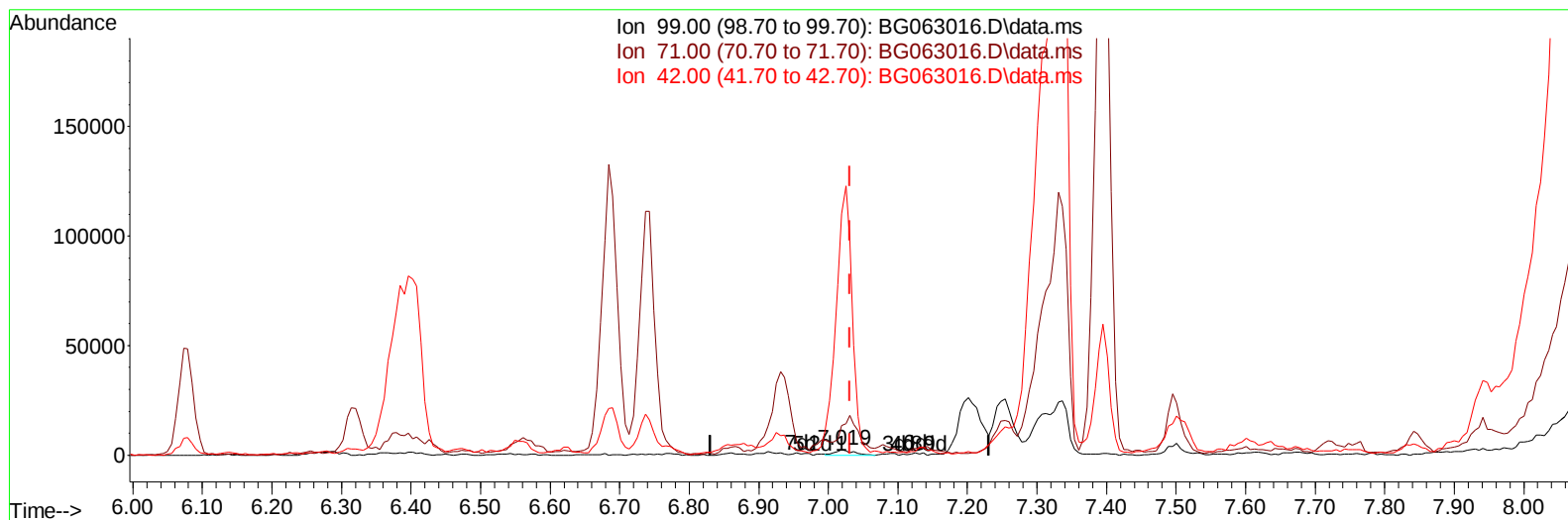
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 07:53:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063016.D\data.ms

(7) Phenol-d5 (S)

7.019min (-0.012) 1.71 ng/u1

response 4186

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	39.50	571.82#
42.00	20.50	4679.80#
0.00	0.00	0.00

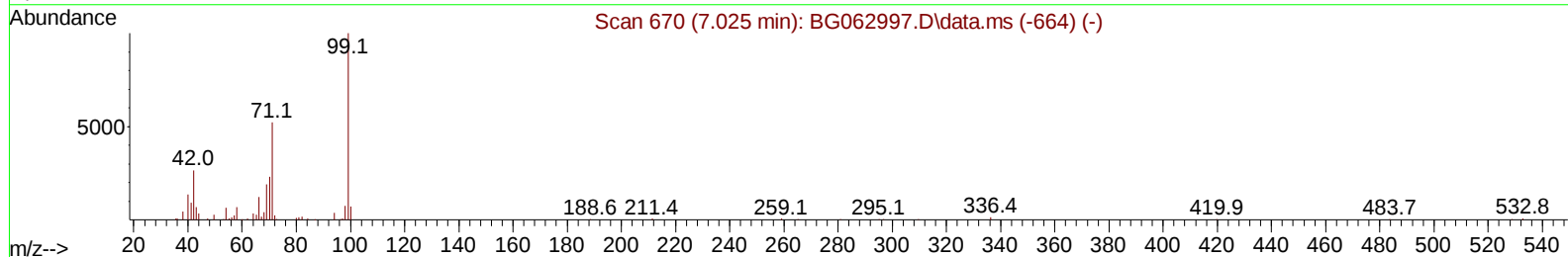
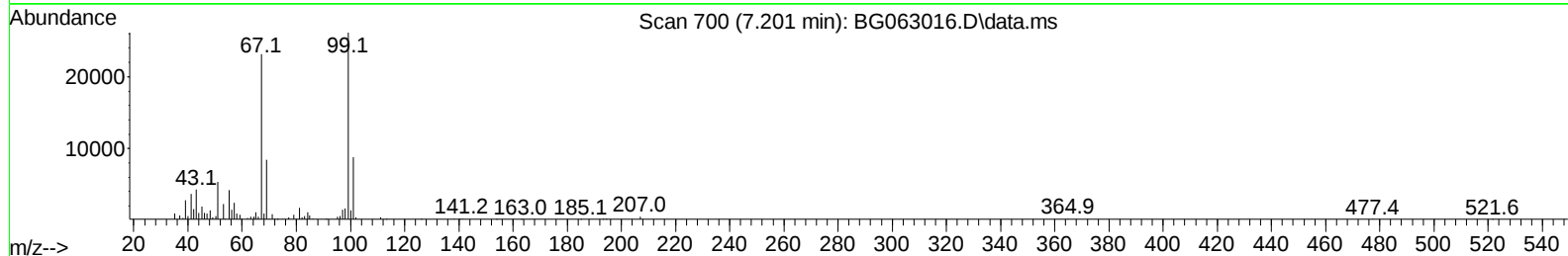
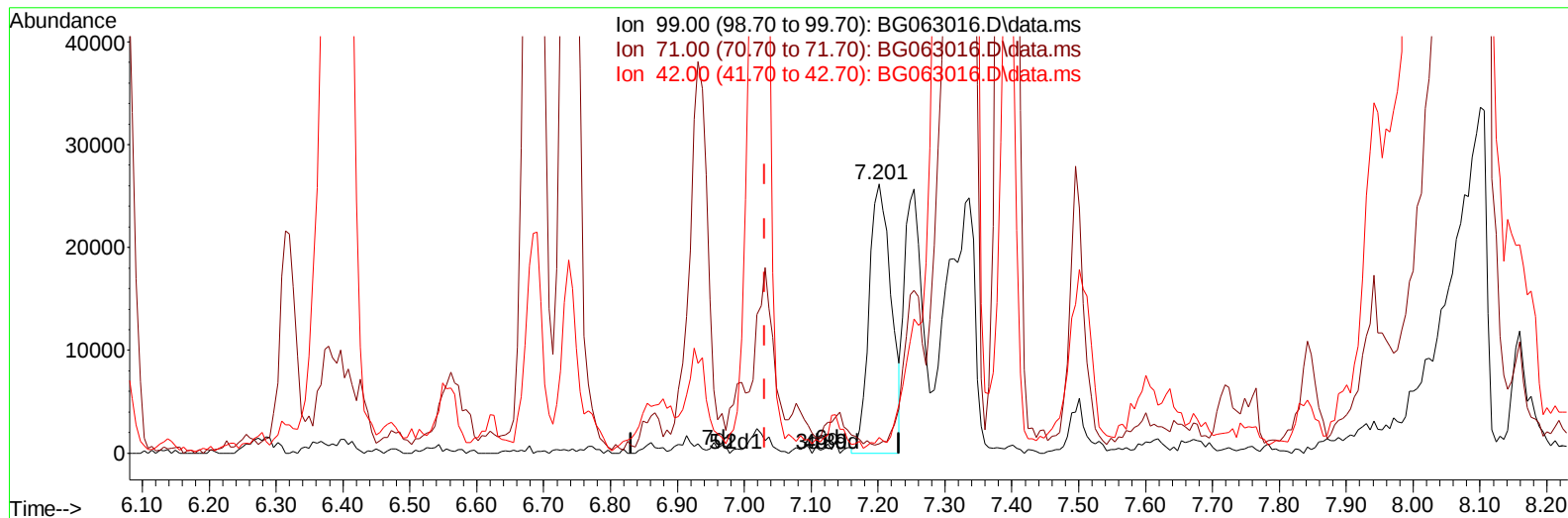
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 07:53:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063016.D\data.ms

(7) Phenol-d5 (S)

7.201min (+ 0.170) 24.40 ng/ul m

response 59745

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	39.50	3.38#
42.00	20.50	5.87#
0.00	0.00	0.00

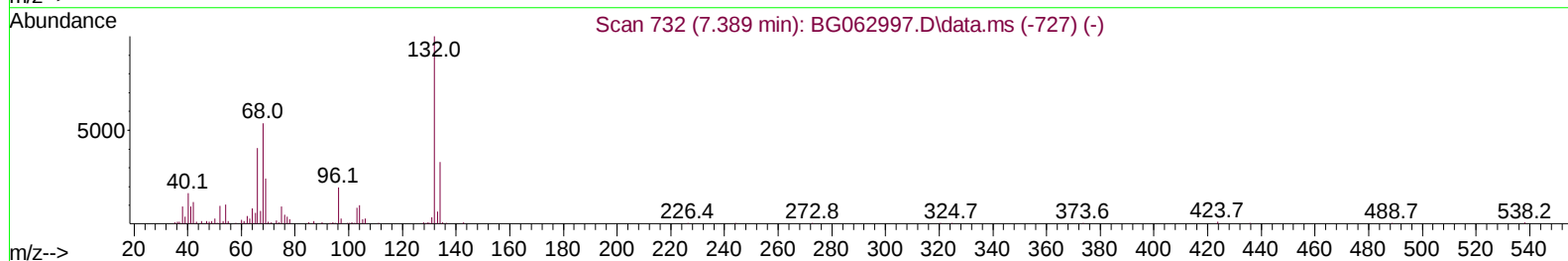
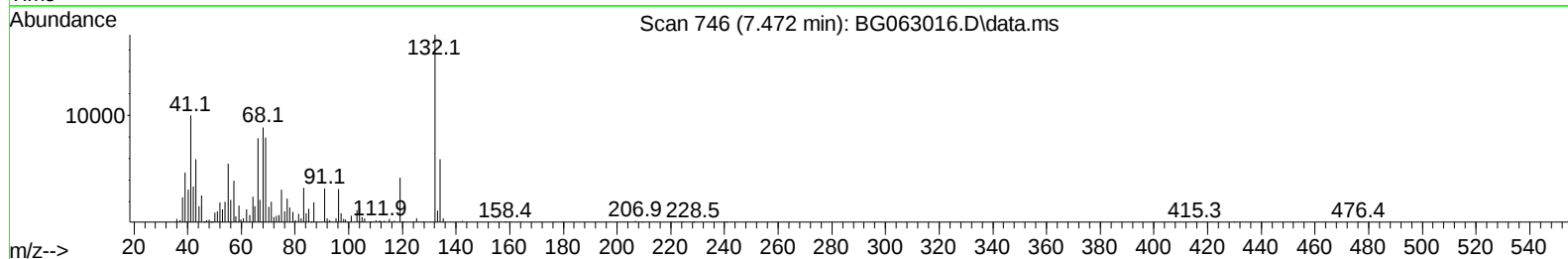
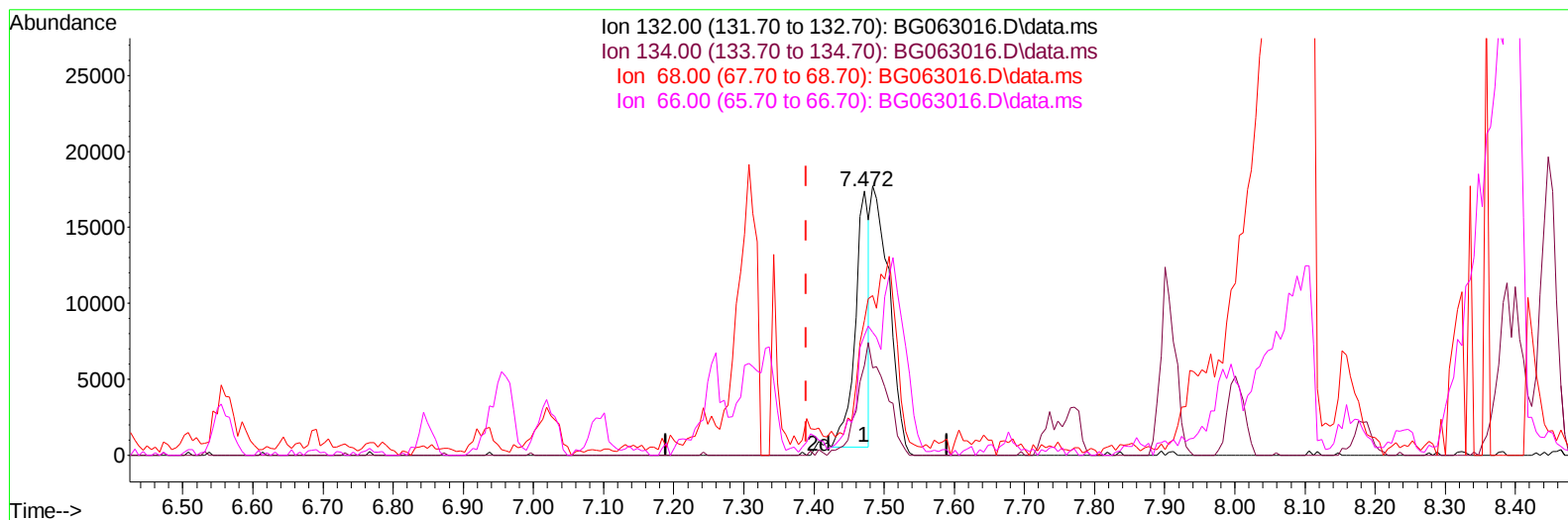
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 07:45:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063016.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.472min (+ 0.082) 14.49 ng/u1

response 23291

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	32.40	33.99
68.00	46.00	51.09
66.00	39.40	45.25

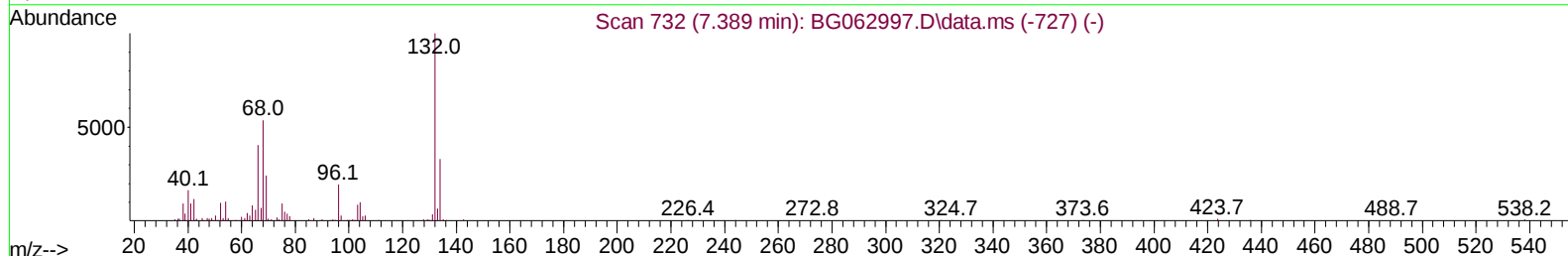
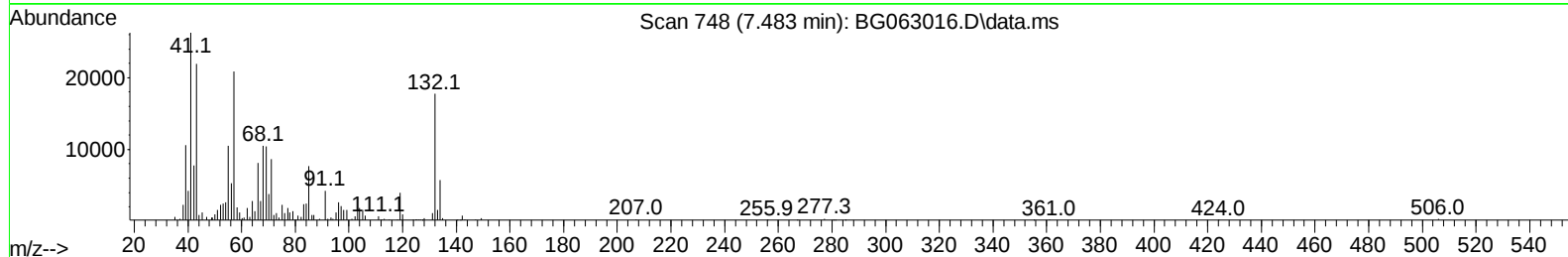
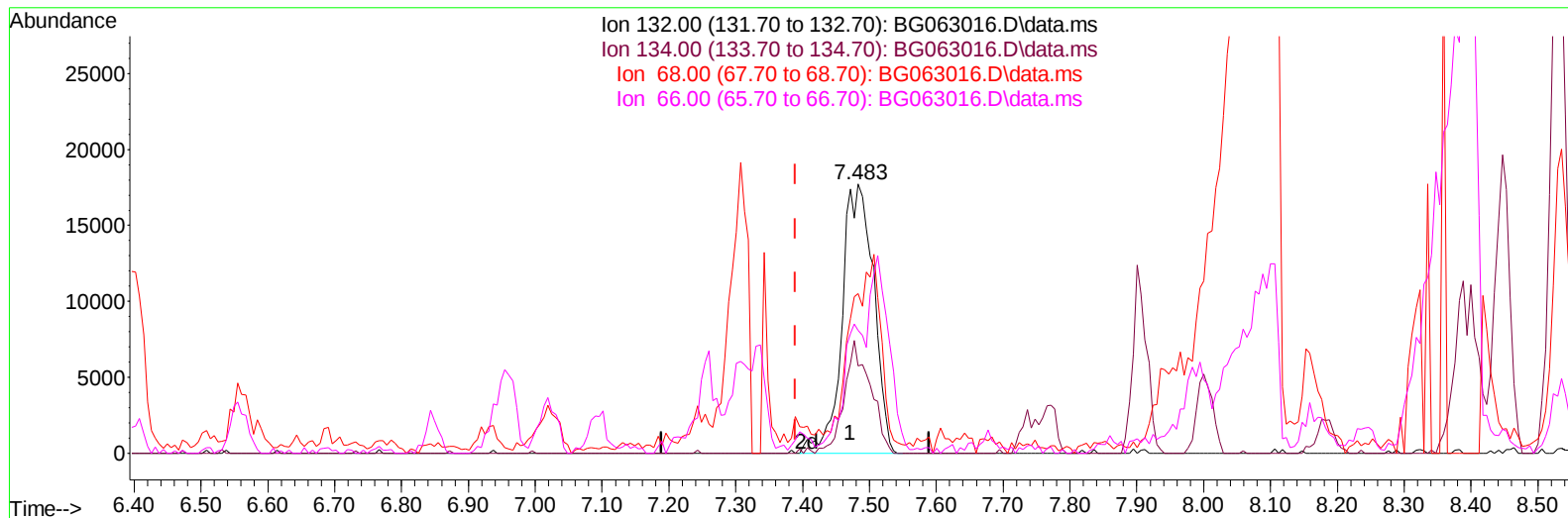
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 07:45:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063016.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.483min (+ 0.094) 36.07 ng/ul m

response 57977

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	32.40	32.51
68.00	46.00	59.38#
66.00	39.40	45.69

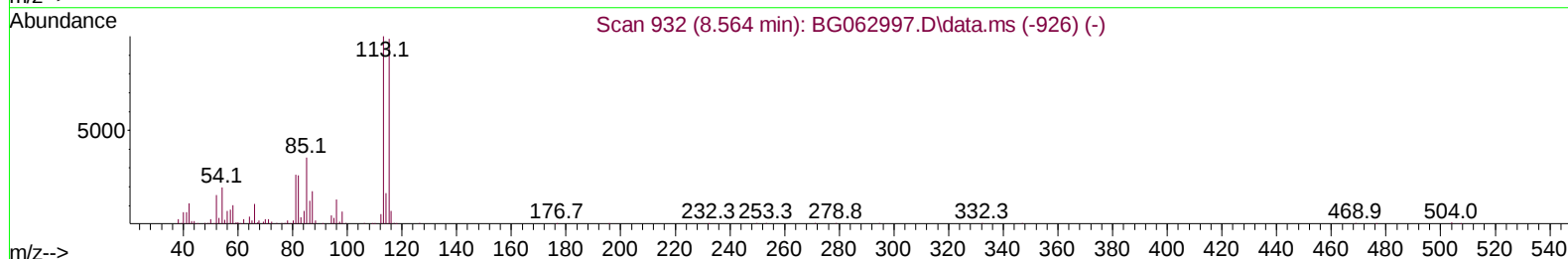
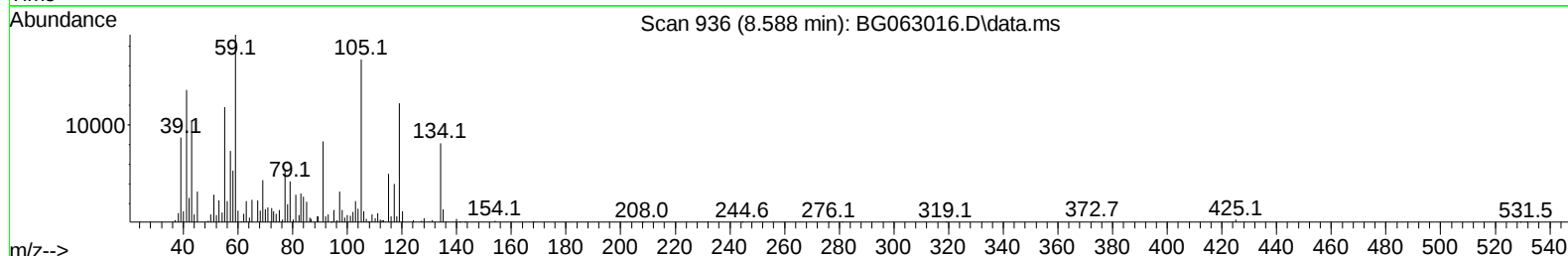
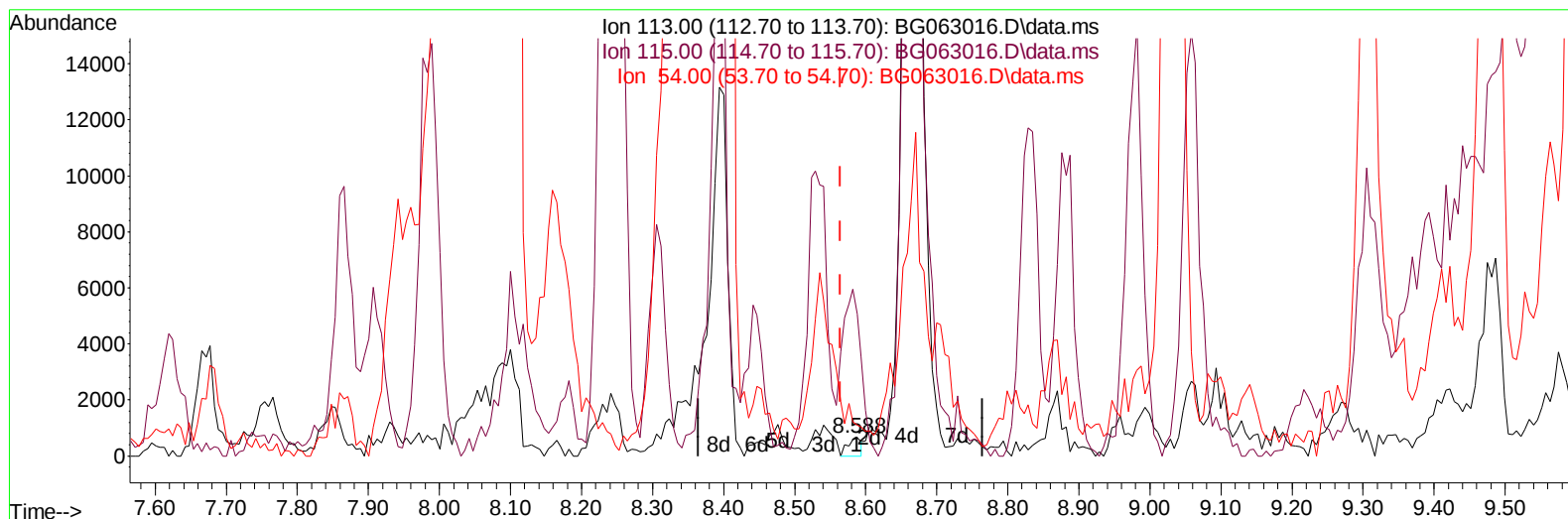
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 07:45:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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Reviewed By :Yogesh Patel 09/25/2024
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TIC: BG063016.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.588min (+ 0.023) 0.49 ng/u1

response 881

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	99.00	775.27#
54.00	17.30	168.09#
0.00	0.00	0.00

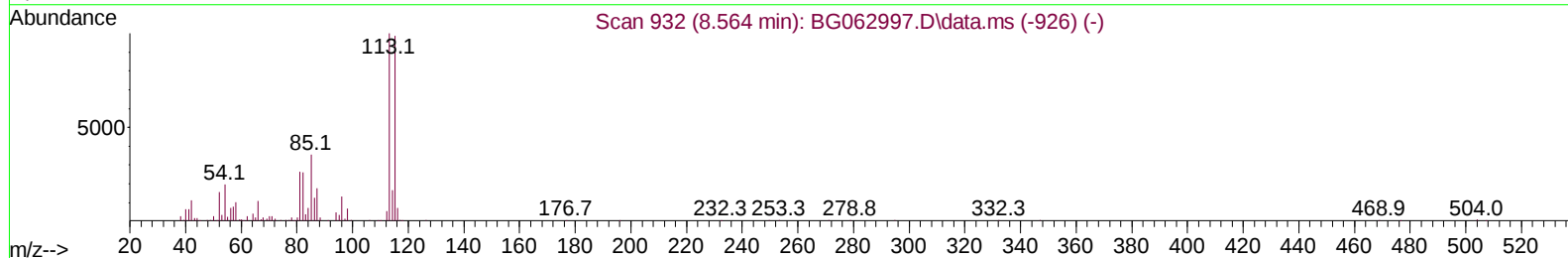
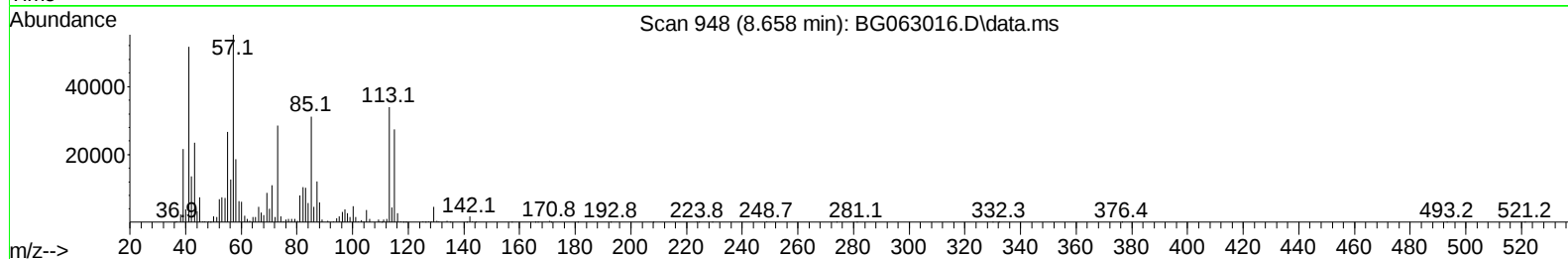
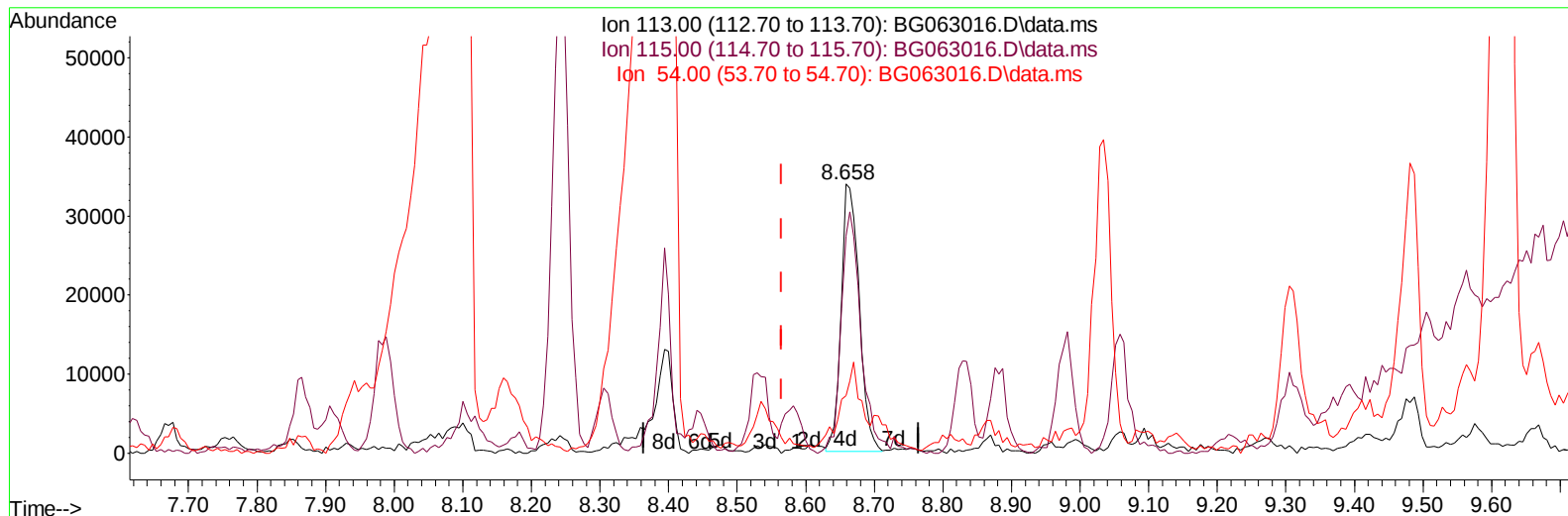
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 07:45:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063016.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.658min (+ 0.094) 34.62 ng/u1 m

response 62092

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	99.00	80.84
54.00	17.30	21.28#
0.00	0.00	0.00

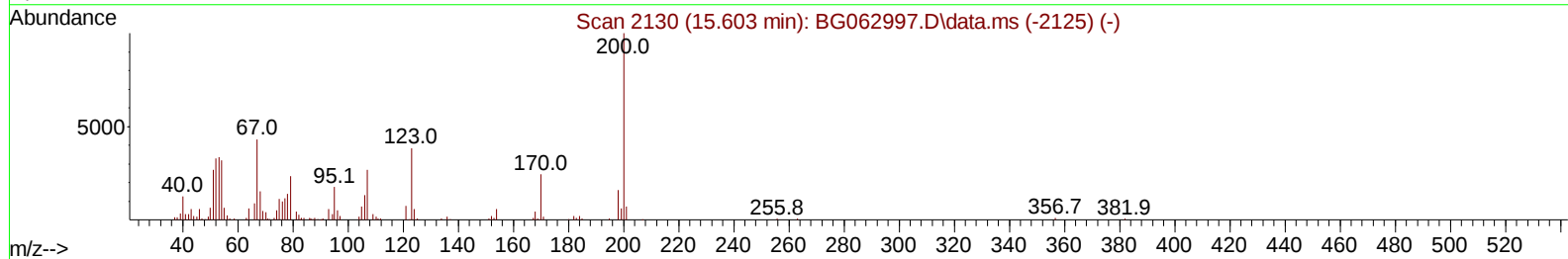
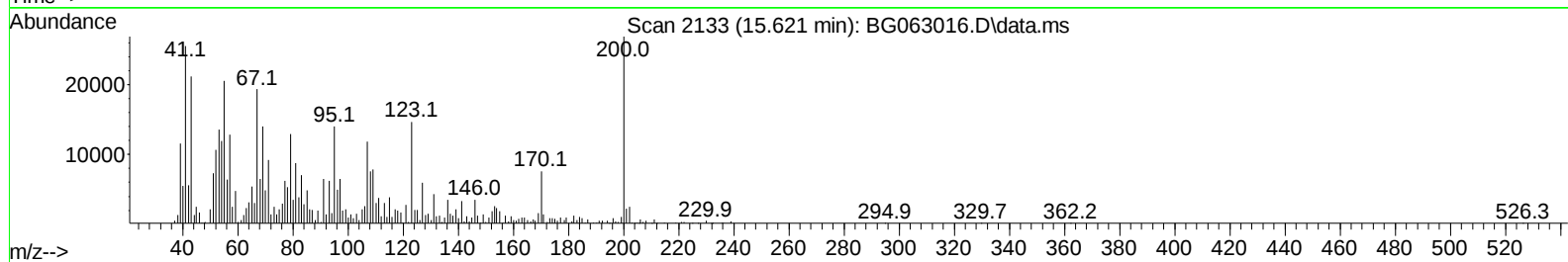
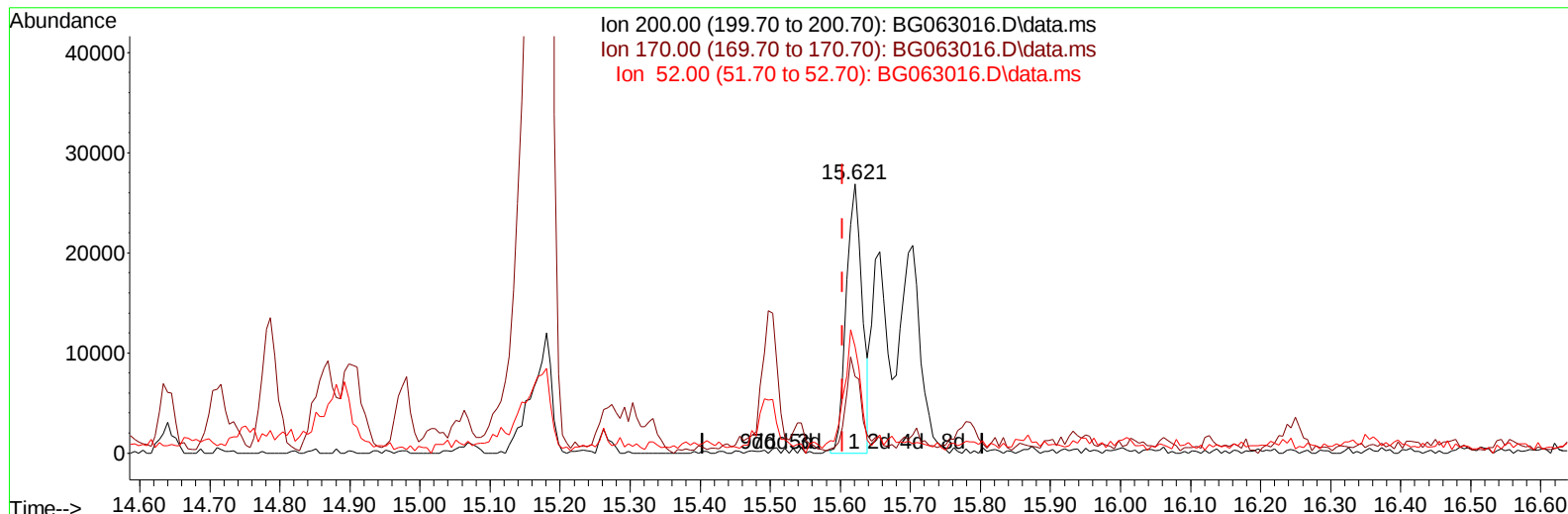
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:00:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063016.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.621min (+ 0.017) 41.04 ng/u1

response 42780

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	28.36#
52.00	36.60	39.56
0.00	0.00	0.00

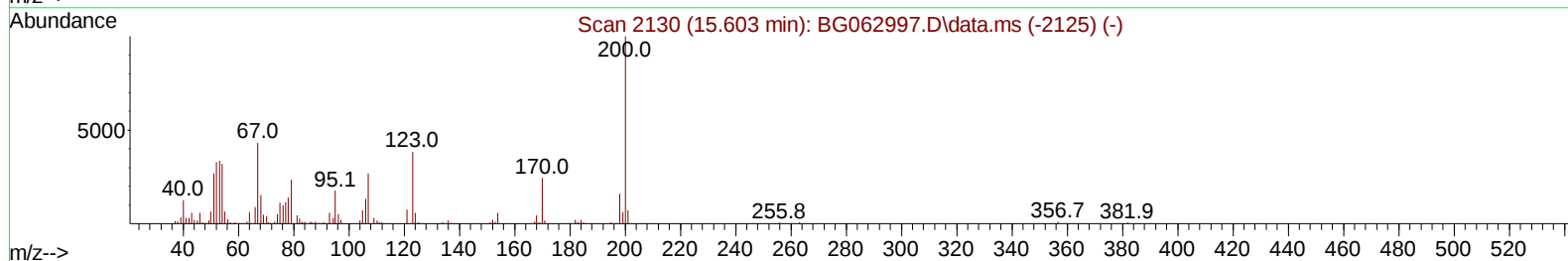
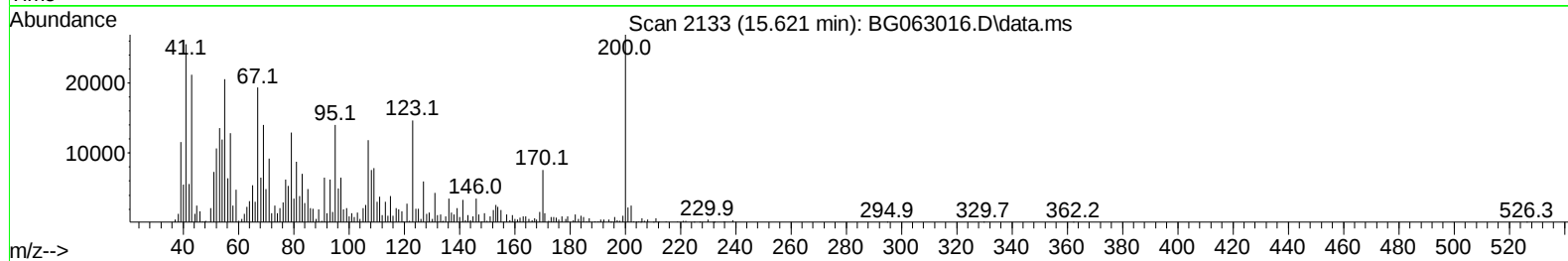
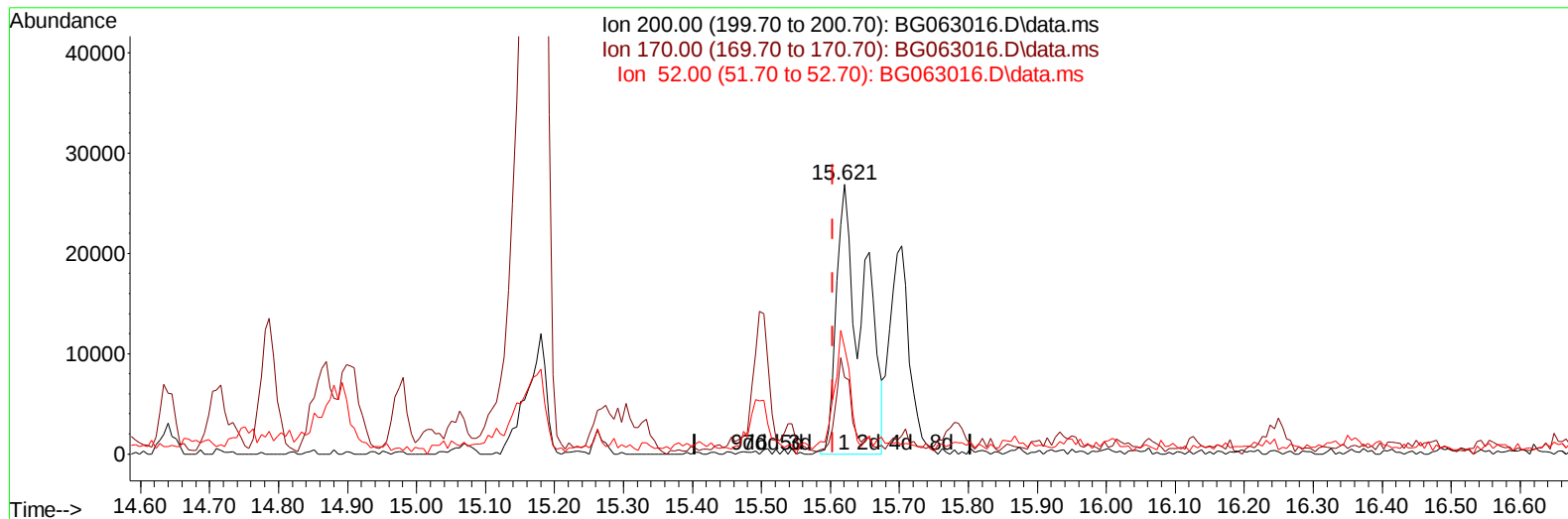
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:00:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063016.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.621min (+ 0.017) 69.74 ng/ul m

response 72692

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	28.36#
52.00	36.60	39.56
0.00	0.00	0.00

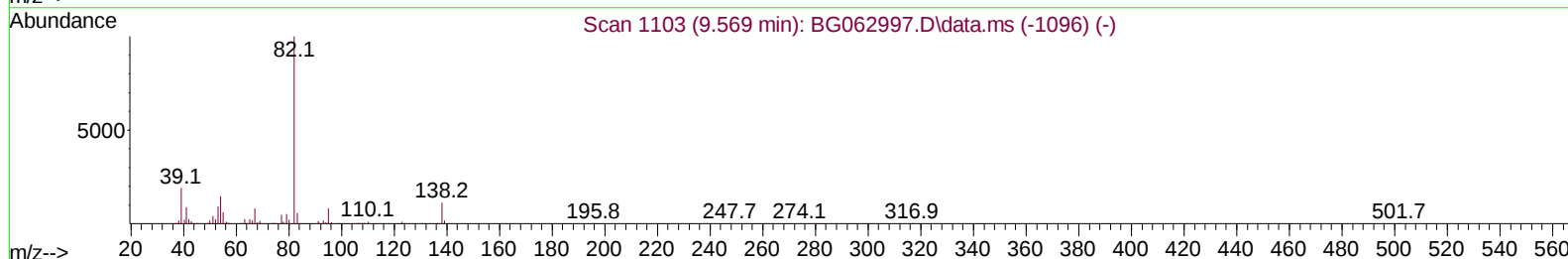
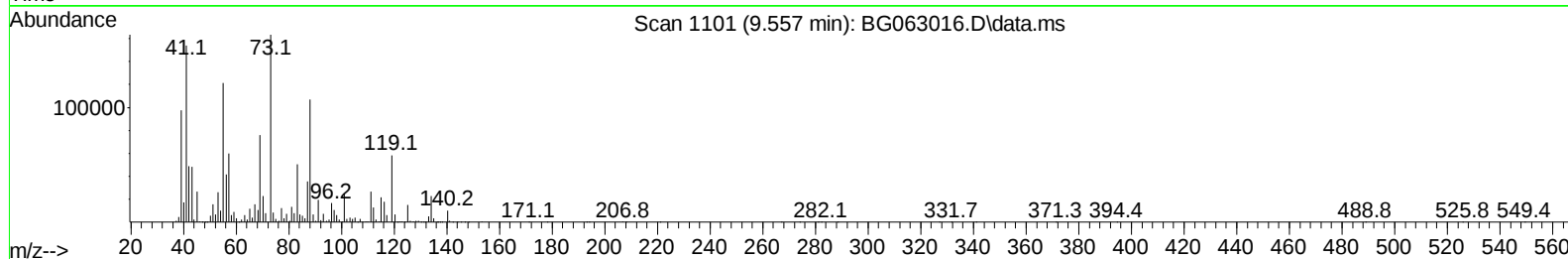
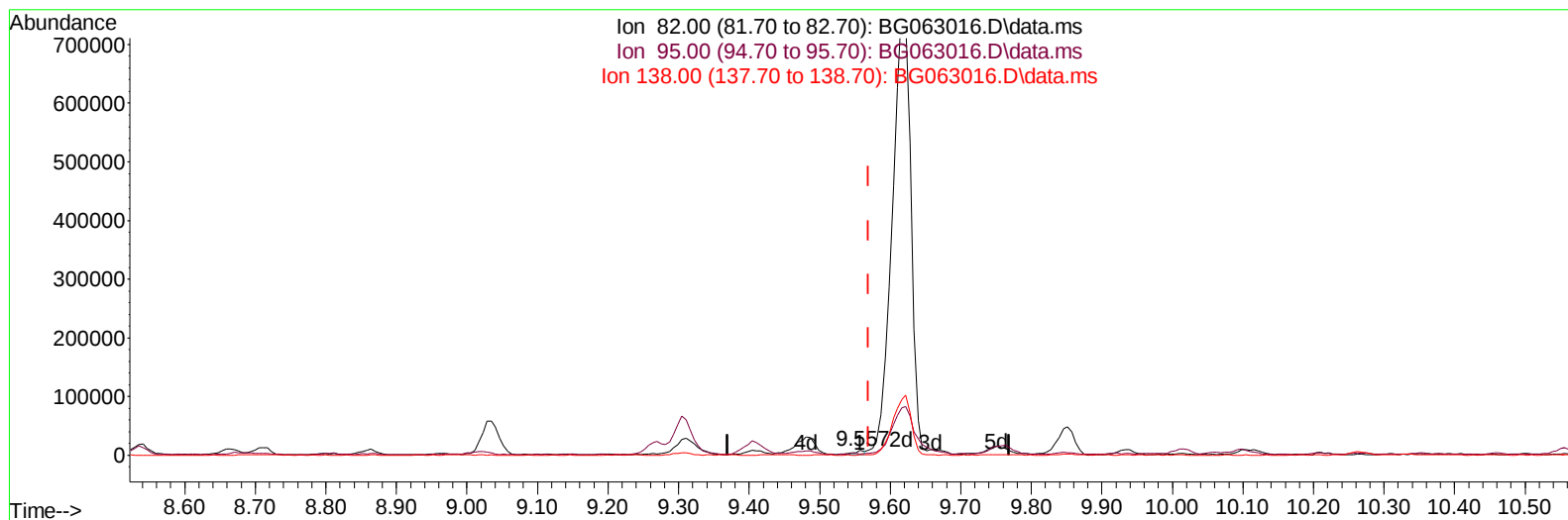
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063016.D
 Acq On : 24 Sep 2024 6:58
 Operator : RC/JU
 Sample : P3879-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 07:45:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
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 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063016.D\data.ms

(23) Isophorone

9.557min (-0.012) 1.47 ng/u1

response 6473

Ion	Exp%	Act%
82.00	100.00	100.00
95.00	7.80	28.98#
138.00	13.60	3.06#
0.00	0.00	0.00

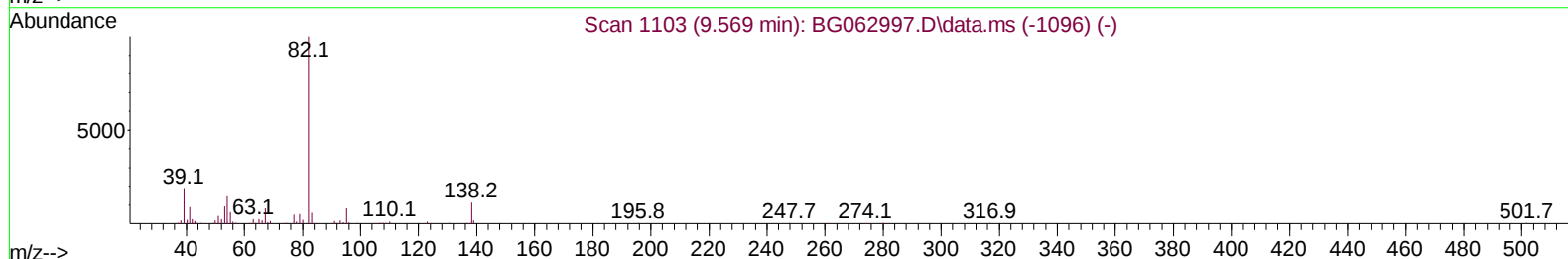
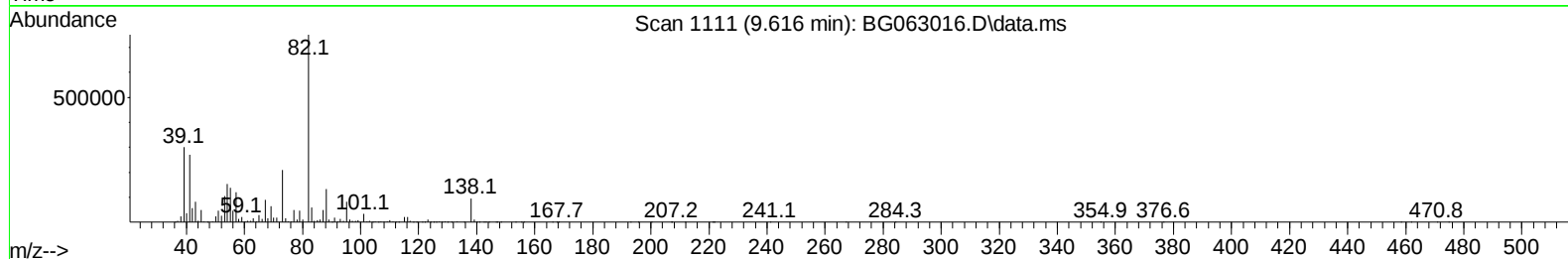
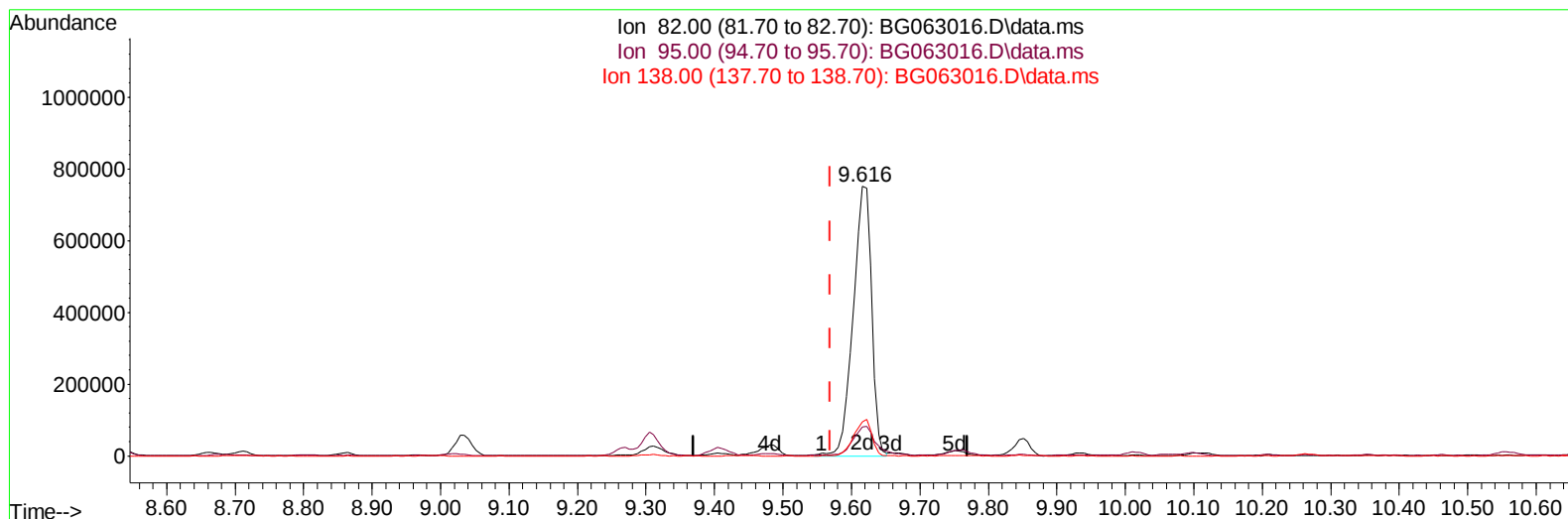
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063016.D
 Acq On : 24 Sep 2024 6:58
 Operator : RC/JU
 Sample : P3879-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 07:45:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063016.D\data.ms

(23) Isophorone

9.616min (+ 0.047) 319.63 ng/ul m

response 1406229

Ion	Exp%	Act%
82.00	100.00	100.00
95.00	7.80	10.76#
138.00	13.60	12.65
0.00	0.00	0.00

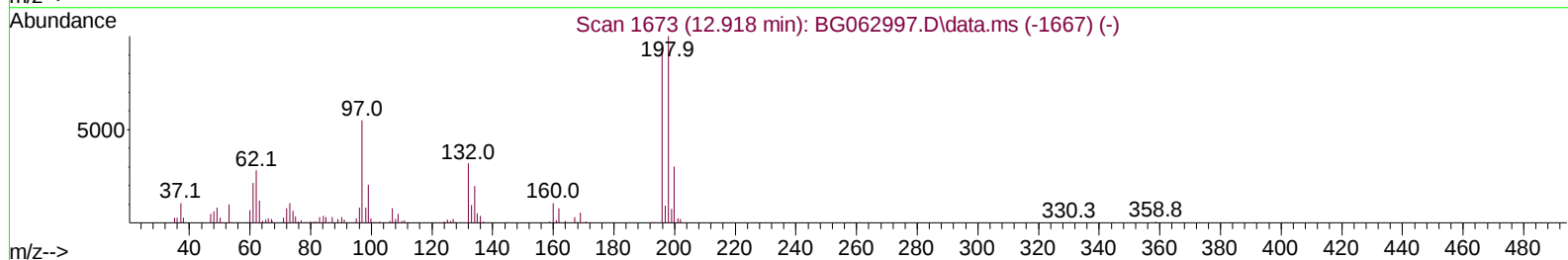
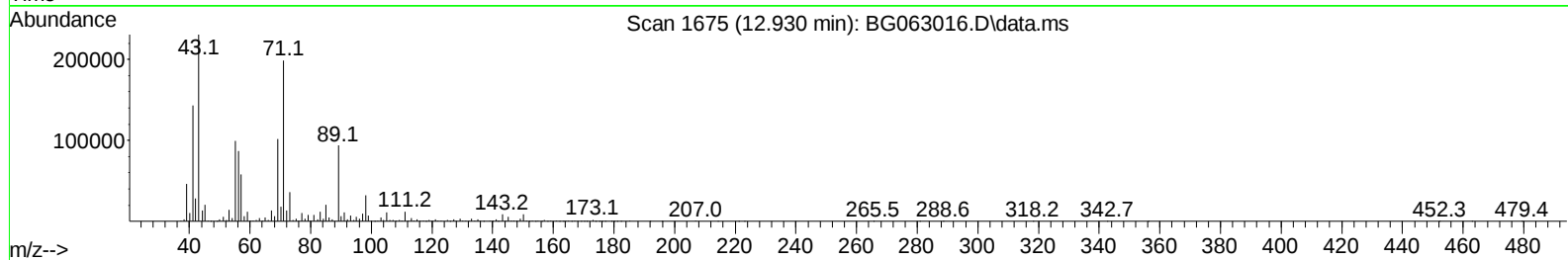
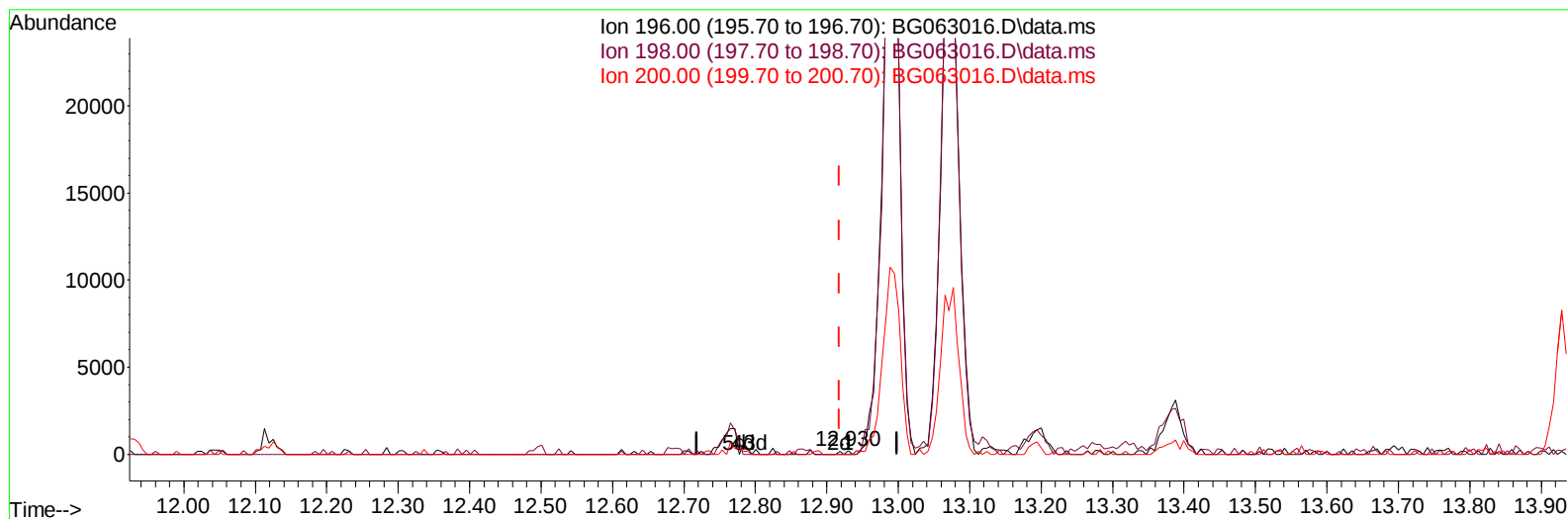
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 07:45:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
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QLast Update : Wed Sep 18 00:45:18 2024
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TIC: BG063016.D\data.ms

(41) 2,4,6-Trichlorophenol (C)

12.930min (+ 0.012) 0.04 ng/u1

response 73

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	102.20	0.00#
200.00	38.10	0.00#
0.00	0.00	0.00

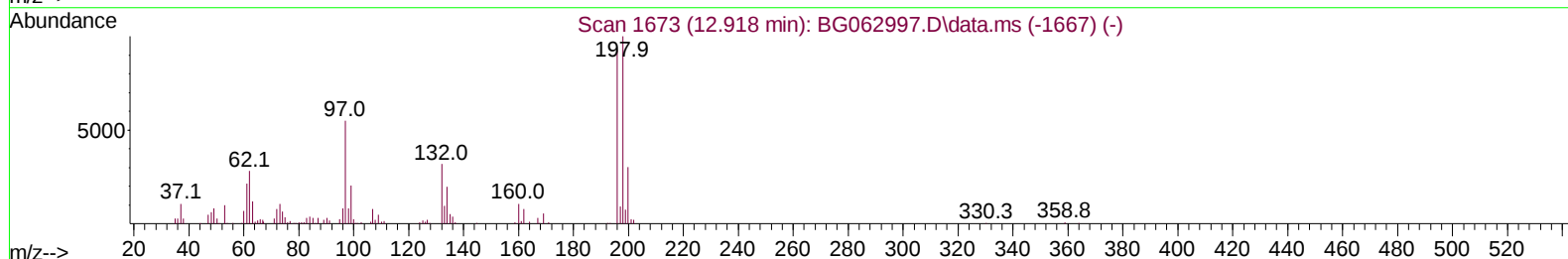
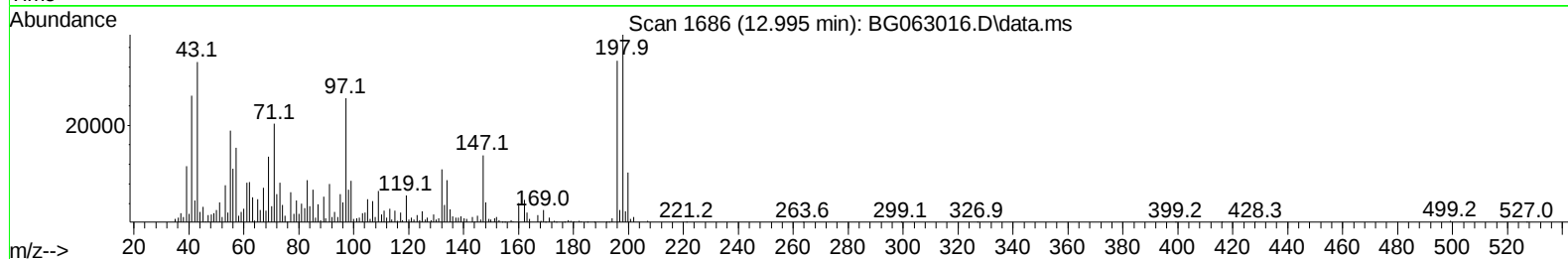
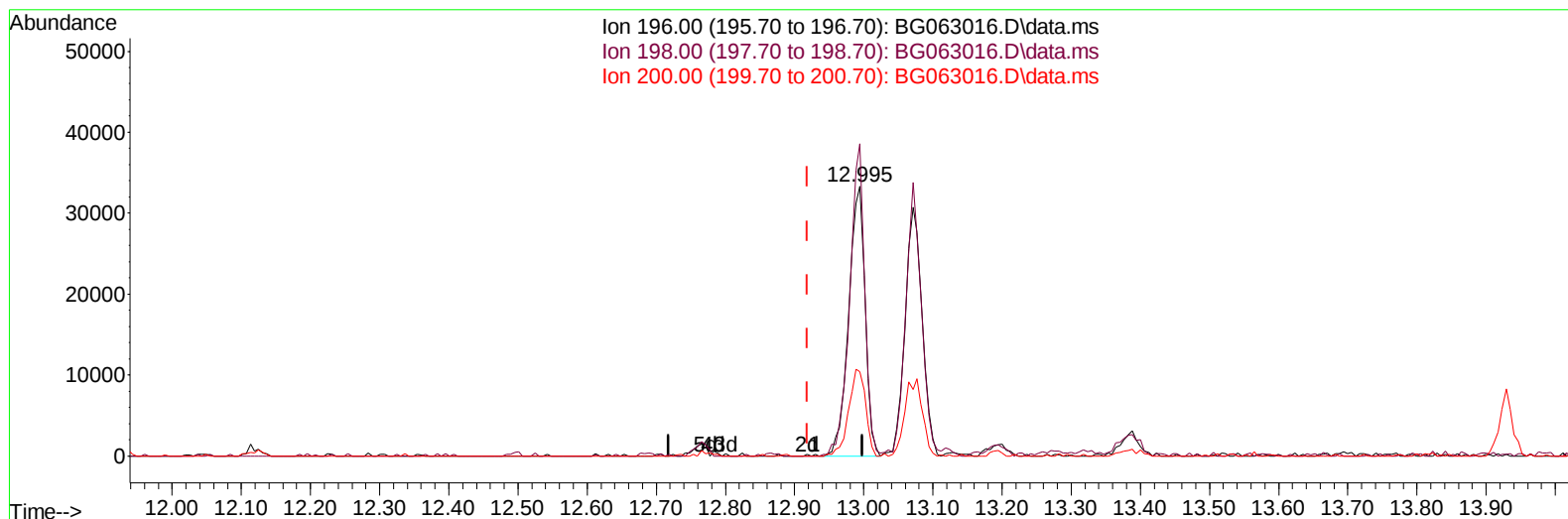
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 07:45:26 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063016.D\data.ms

(41) 2,4,6-Trichlorophenol (C)

12.995min (+ 0.076) 32.40 ng/ul m

response 55171

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	102.20	115.86
200.00	38.10	31.16
0.00	0.00	0.00

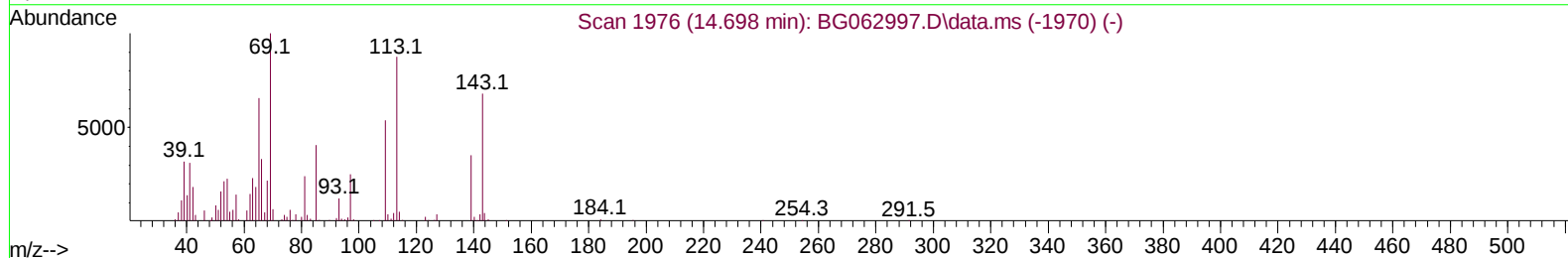
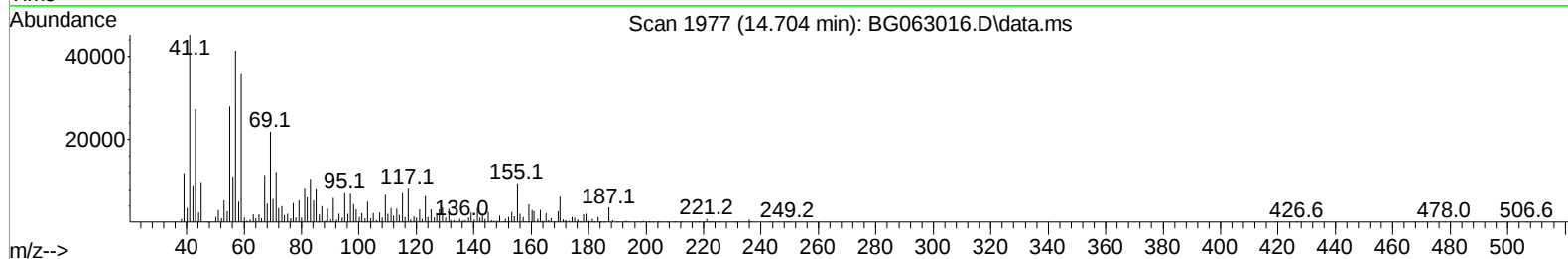
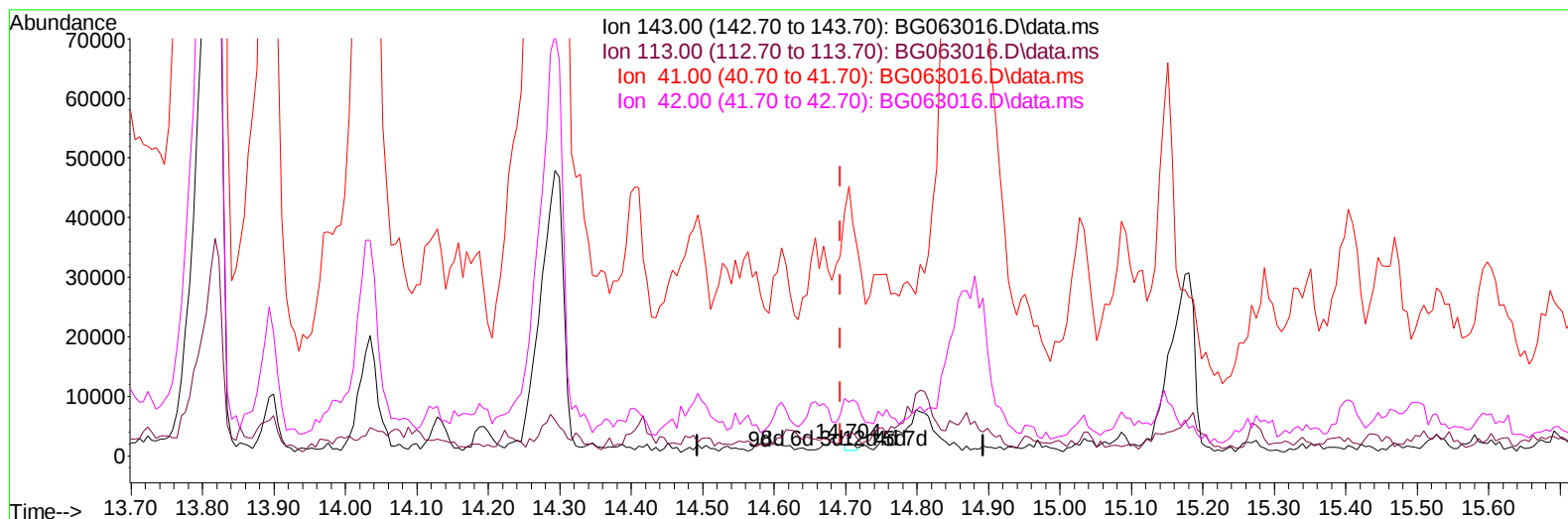
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 07:45:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063016.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.704min (+ 0.012) 1.07 ng/u1

response 980

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	154.02#
41.00	49.70	2087.17#
42.00	34.20	417.50#

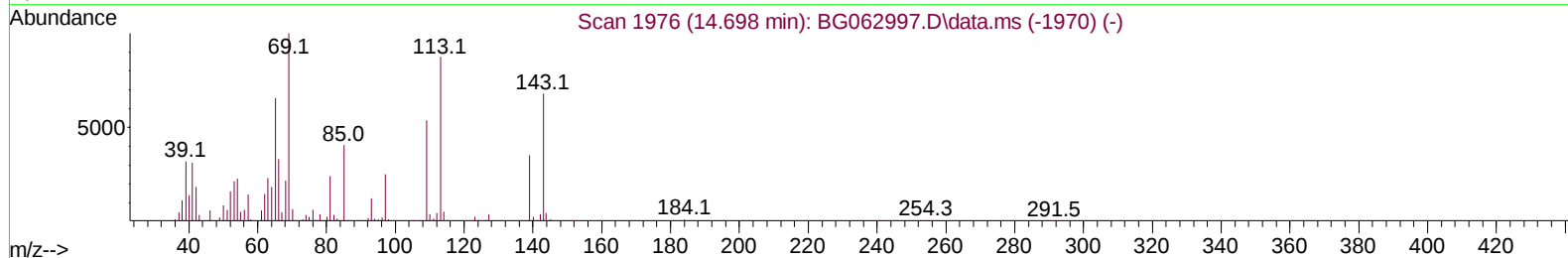
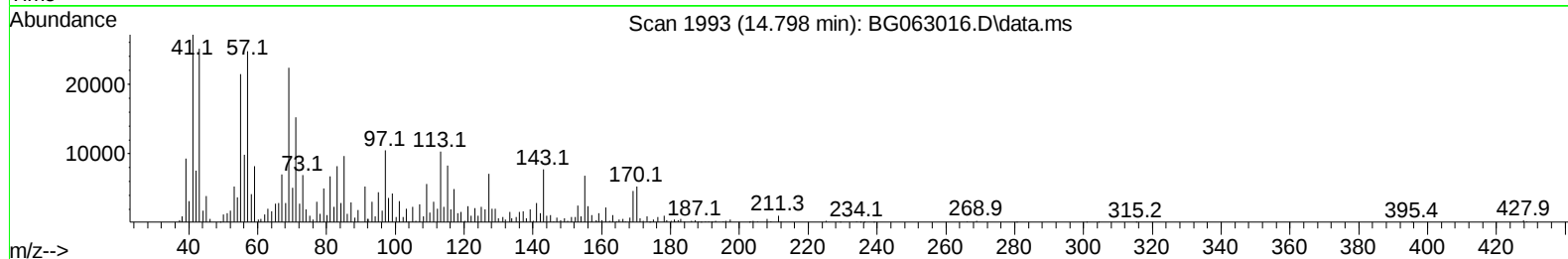
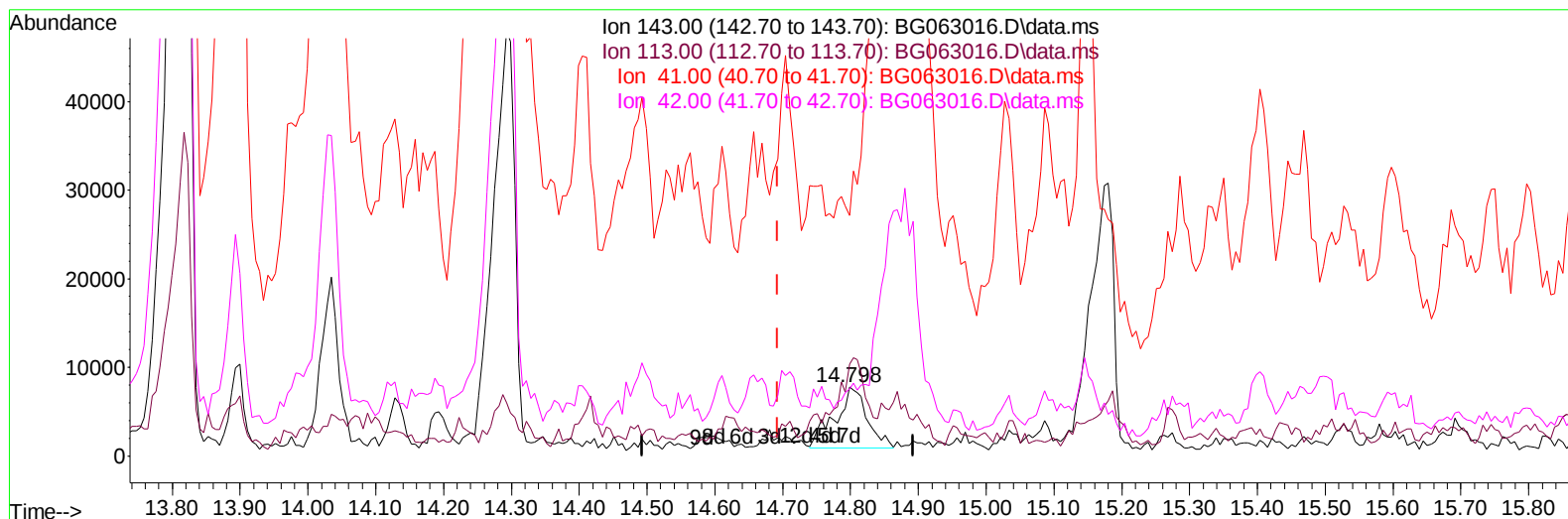
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063016.D
Acq On : 24 Sep 2024 6:58
Operator : RC/JU
Sample : P3879-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 07:45:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063016.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.798min (+ 0.106) 24.78 ng/ul m

response 22765

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	132.99#
41.00	49.70	348.57#
42.00	34.20	97.46#

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063016.D
 Acq On : 24 Sep 2024 6:58
 Operator : RC/JU
 Sample : P3879-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC53

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:01:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152		23594	20.000	ng/ul	0.01
20) Naphthalene-d8	10.662	136		93407	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.505	164		77102	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.260	188		172424	20.000	ng/ul	# 0.02
79) Chrysene-d12	21.490	240		142133	20.000	ng/ul	# 0.00
88) Perylene-d12	24.534	264		227274	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.324	96		3051	3.788	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	7.201	99		59745m	24.403	ng/ul	0.17
9) Bis-(2-Chloroethyl)eth...	7.201	67		47254	34.490	ng/ul	0.02
11) 2-Chlorophenol-d4	7.483	132		57977m	36.070	ng/ul	0.09
15) 4-Methylphenol-d8	8.658	113		62092m	34.621	ng/ul	0.09
21) Nitrobenzene-d5	9.034	128		33245	44.675	ng/ul	0.03
24) 2-Nitrophenol-d4	9.751	143		37030	43.863	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.333	165		70340	40.158	ng/ul	0.06
31) 4-Chloroaniline-d4	10.785	131		20358	9.339	ng/ul	0.00
46) Dimethylphthalate-d6	13.929	166		228867	39.917	ng/ul	0.04
49) Acenaphthylene-d8	14.199	160		235696	36.806	ng/ul	0.02
54) 4-Nitrophenol-d4	14.798	143		22765m	24.777	ng/ul	0.11
60) Fluorene-d10	15.497	176		182481	34.181	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.621	200		72692m	69.742	ng/ul	0.02
73) Anthracene-d10	17.360	188		323227	39.665	ng/ul	0.02
81) Pyrene-d10	19.640	212		434162	50.434	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.322	264		467121	38.972	ng/ul	0.01
Target Compounds							
						Qvalue	
23) Isophorone	9.616	82		1406229m	319.626	ng/ul	
29) 2,4-Dichlorophenol	10.368	162		50065	28.874	ng/ul	97
30) Naphthalene	10.715	128		579146	111.666	ng/ul#	95
36) 2-Methylnaphthalene	12.325	142		220254	58.932	ng/ul	96
37) 1-Methylnaphthalene	12.542	142		132290	34.975	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.995	196		55171m	32.401	ng/ul	
42) 2,4,5-Trichlorophenol	13.071	196		52768	29.499	ng/ul	86
43) 1,1'-Biphenyl	13.335	154		22165	3.870	ng/ul#	83
47) Dimethylphthalate	13.970	163		11513	1.963	ng/ul#	82
52) Acenaphthene	14.569	153		6924	1.414	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.180	232		2998230	1862.562	ng/ul	93
61) Fluorene	15.550	166		12056	2.170	ng/ul#	95
71) Pentachlorophenol	16.978	266		8994812	7127.050	ng/ul#	77
72) Phenanthrene	17.301	178		36640	4.000	ng/ul#	90

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

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