

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046960.D
 Acq On : 18 Oct 2020 4:25
 Operator : CG/JU
 Sample : L4259-08DL2 40X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5CF7DL2

Quant Time: Oct 19 02:40:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 02:31:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	51150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	219495	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	167320	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	394903	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	381707	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	374802	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.23	99	385	0.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	665	0.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	1866	0.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	940	0.26	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	714	0.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	837	0.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	2437	0.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	449	0.09	ng/ul	-0.02
44) Dimethylphthalate-d6	14.10	166	11261	0.81	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	13282	0.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	225	0.09	ng/ul	0.01
58) Fluorene-d10	15.69	176	9737	0.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	9381	3.45	ng/ul	0.00
71) Anthracene-d10	17.44	188	394903	20.65	ng/ul	-0.10
79) Pyrene-d10	19.82	212	19349	0.92	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.72	264	10134	0.48	ng/ul	-0.02

Target Compounds

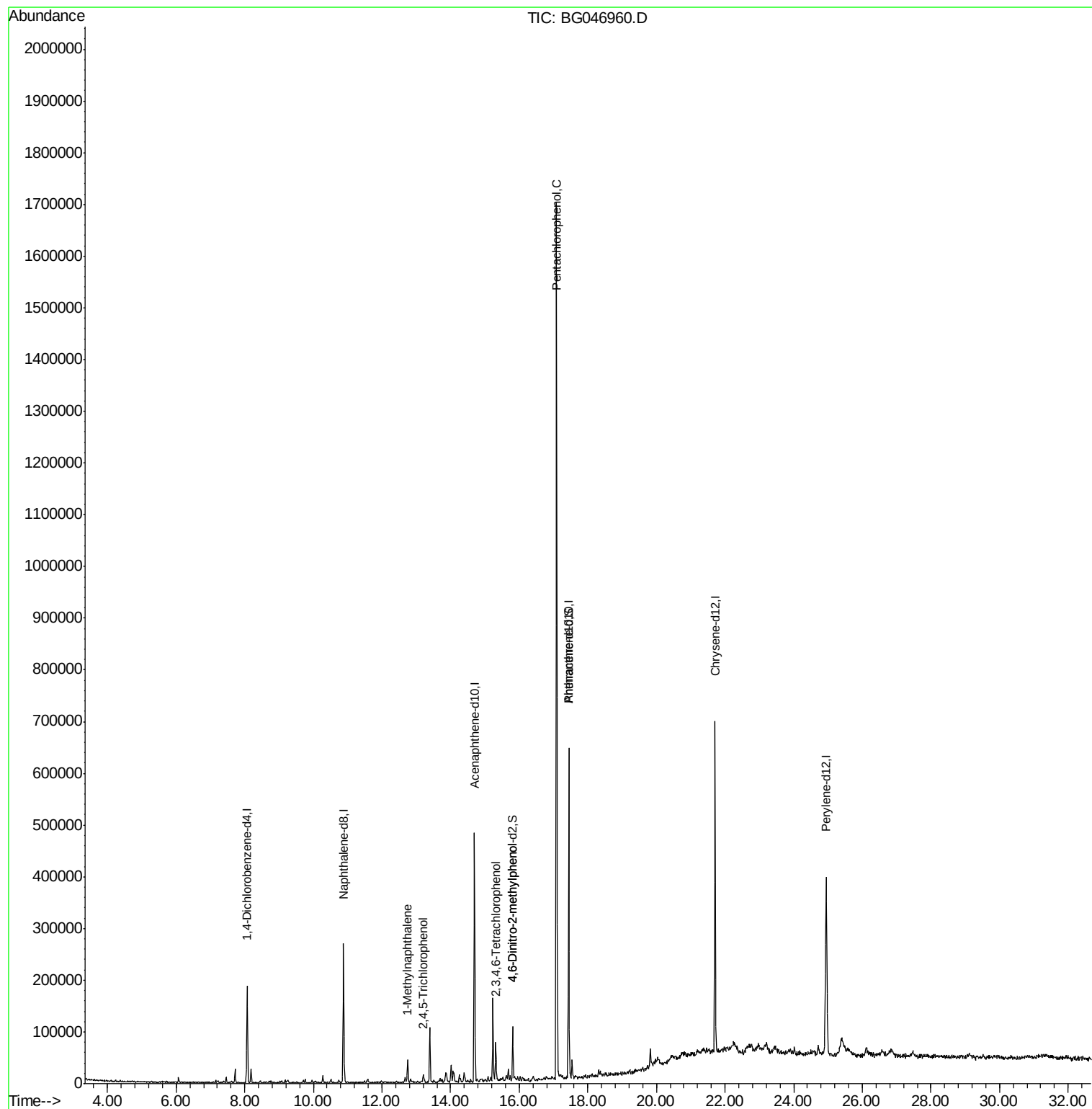
					Ovalue
35) 1-Methylnaphthalene	12.75	142	20844	2.269	ng/uL 98
40) 2,4,5-Trichlorophenol	13.21	196	5081	1.199	ng/ul 87
56) 2,3,4,6-Tetrachlorophenol	15.31	232	16292	3.880	ng/ul# 93
64) 4,6-Dinitro-2-methylphenol	15.81	198	26991	9.228	ng/ul# 62
69) Pentachlorophenol	17.09	266	320931	94.241	ng/ul 98

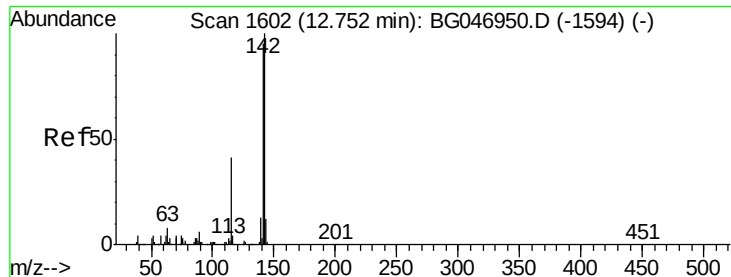
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

1-Methylnaphthalene

Concen: 2.269 ng/uL

RT: 12.75 min Scan# 1602

Delta R.T. 0.00 min

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BNA_G

ClientSampleId :

C5CF7DL2

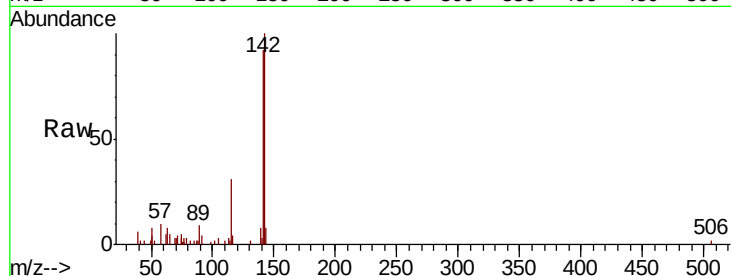
Tot Ion:142 Resp: 20844

Ion Ratio Lower Upper

142 100

141 93.9 76.5 114.7

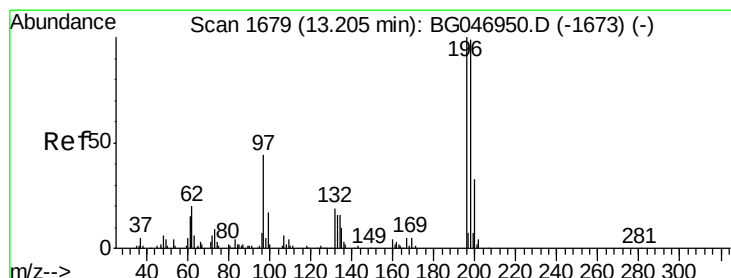
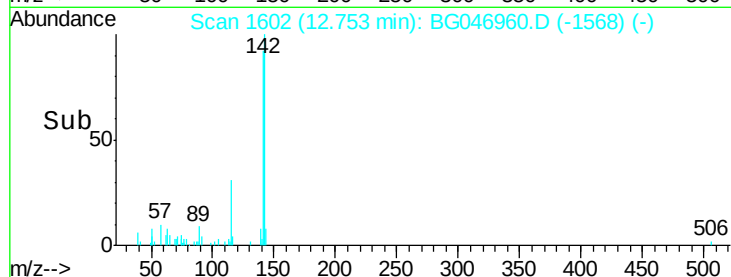
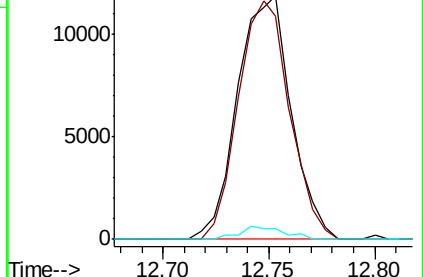
116 4.3 3.5 5.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#40

2,4,5-Trichlorophenol

Concen: 1.199 ng/uL

RT: 13.21 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BG046960.D

Acq: 18 Oct 2020 4:25

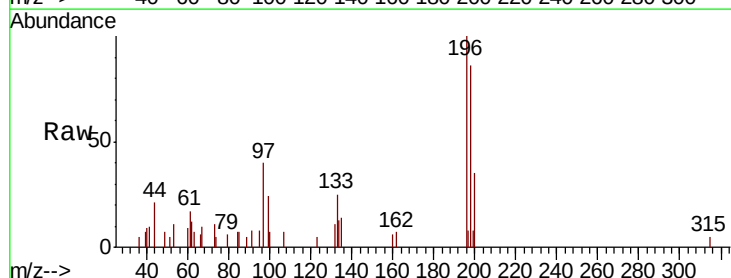
Tgt Ion:196 Resp: 5081

Ion Ratio Lower Upper

196 100

198 86.4 82.4 123.6

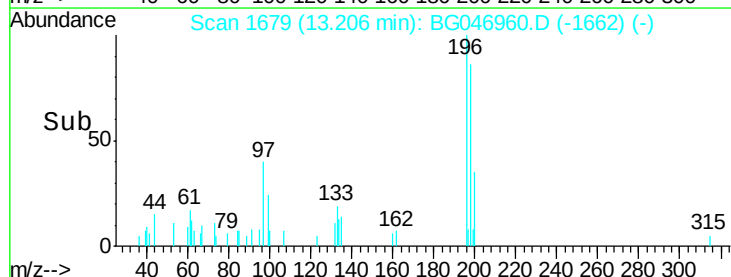
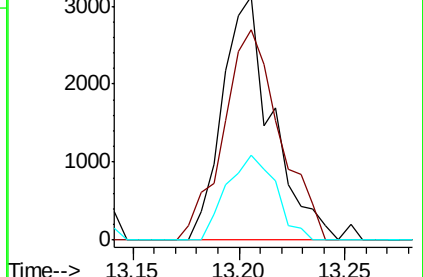
200 35.1 26.3 39.5

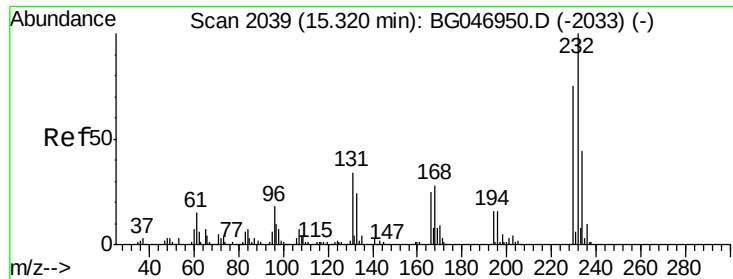


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

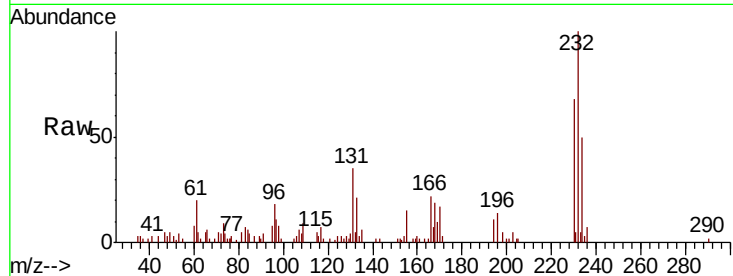




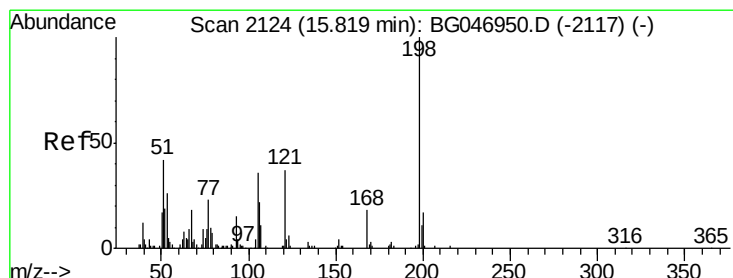
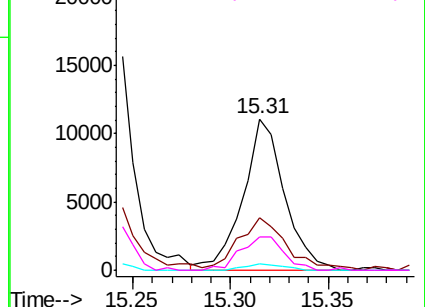
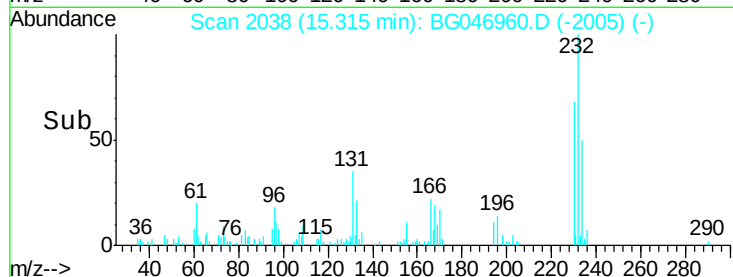
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.880 ng/ul
 RT: 15.31 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BG046960.D
 Acq: 18 Oct 2020 4:25

Instrument :
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Tot Ion:232	Resp:	16292
Ion Ratio	Lower	Upper
232	100	
131	34.8	26.2 39.4
130	4.0	0.0 0.0#
166	22.3	22.5 33.7#

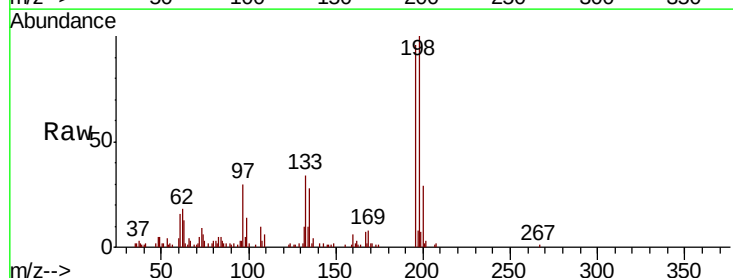


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

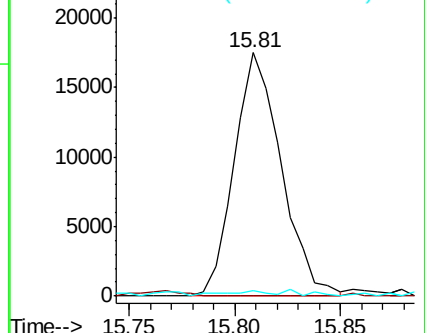
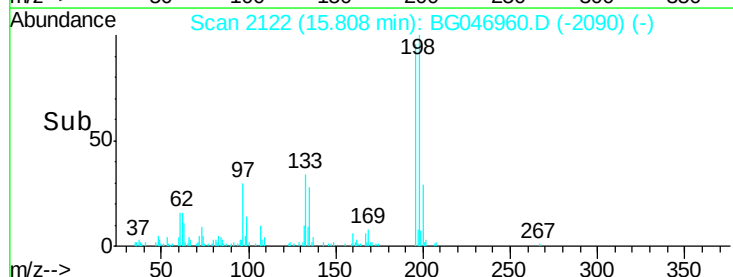


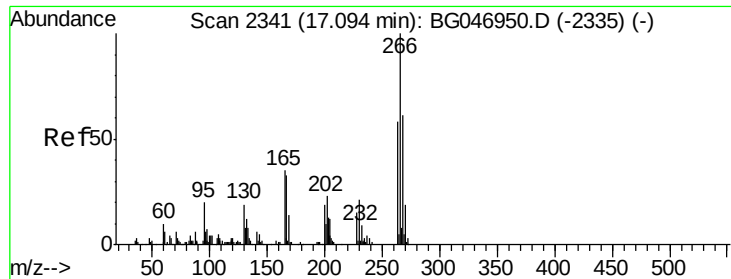
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.228 ng/ul
 RT: 15.81 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BG046960.D
 Acq: 18 Oct 2020 4:25

Tgt Ion:198	Resp:	26991
Ion Ratio	Lower	Upper
198	100	
182	0.0	2.7 4.1#
77	2.4	18.2 27.2#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BG





#69

Pentachlorophenol

Concen: 94.241 ng/ul

RT: 17.09 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG046960.D

Acq: 18 Oct 2020 4:25

Instrument :

BNA_G

ClientSampleId :

C5CF7DL2

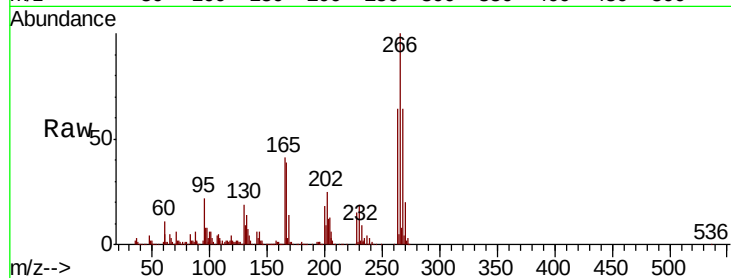
Tot Ion: 266 Resp: 320931

Ion Ratio Lower Upper

266 100

264 64.4 52.6 78.8

268 63.8 52.2 78.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

